

30

#30



ANT XVI/2

Parasound

Best.- Nr. 4252

A 4 kariert

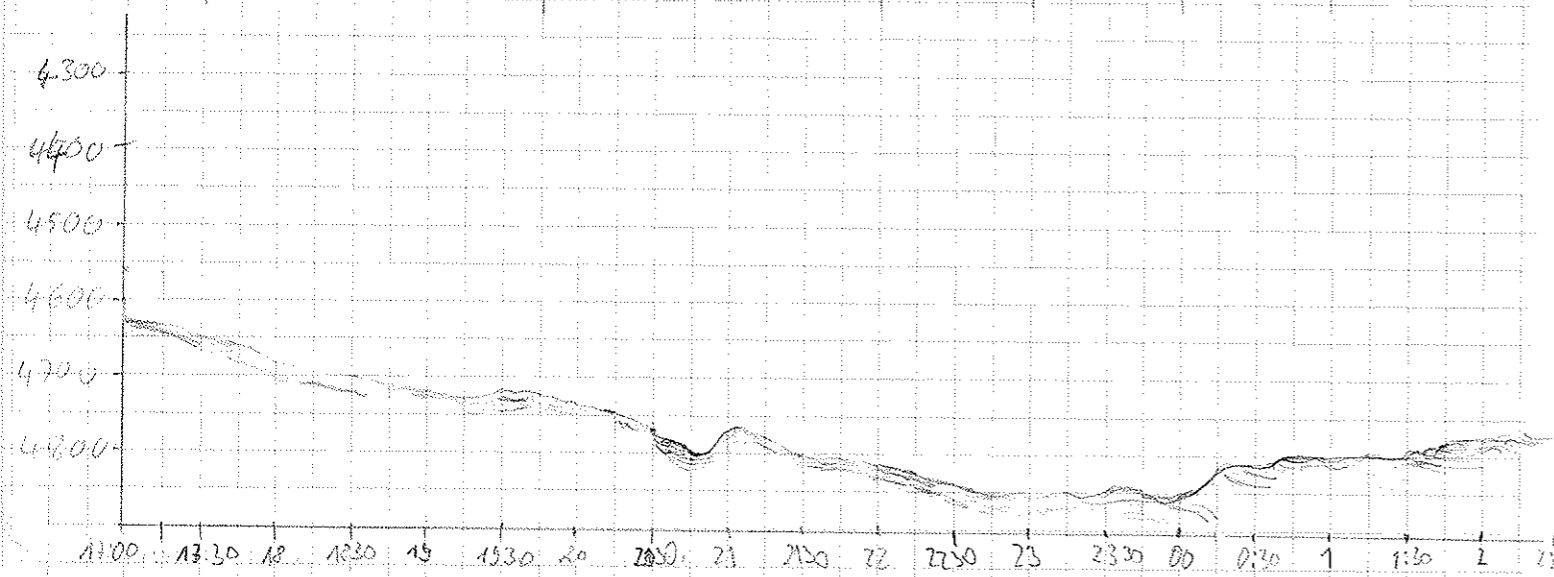
96, Blatt



4 001536 042522

Ein Produkt von ESSELTE

| Datum    | Zeit UTC | Brücke OS | Länge    | Tiefe 1PS | Tiefe HS | Geob. (km) | Wass. (cm) | Max. Amplit. (cm) | Freq. PS | Pulse | Record Length | Wahl. time | Tape No. | Disc Rolle | Wahl.    | Bemerkungen   |
|----------|----------|-----------|----------|-----------|----------|------------|------------|-------------------|----------|-------|---------------|------------|----------|------------|----------|---|
| 10/11/97 | 17:00    | 37° 16,2  | 16° 10,6 | 4652      | 4367     | 10,7       | 208,0      | 1700              | 4        | 2     | 266           | 0          | 1        | 1          | Aufhören | Achtung! Anfang Desorolle ist viel<br>früher (15:30), Beginn Störung lier<br>Eindringtiefe ~ 25 m |
|          | :15      | " 18,3    | " 09,2   | 4662,3    | 4367     | 10,9       | 208,5      | 1050              | "        | "     | "             | "          | "        | "          | "        |   |
|          | :30      | " 20,7    | " 07,5   | 4672      | 4367     | 11,3       | 209,1      | 1350              | "        | "     | "             | "          | "        | "          | Pondrum  |   |
|          | :45      | " 23,0    | " 05,8   | 4682      | 4367     | 10,3       | 208,4      | 3200              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 18:00    | " 25,4    | " 04,3   | 4692      | 4367     | 10,4       | 210,9      | 1050              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 18:15    | " 27,6    | " 02,6   | 4696      | 4367     | 10,8       | 208,9      | 1676              | "        | "     | "             | "          | "        | "          | Jung     |   |
|          | 18:30    | " 29,8    | " 00,9   | 4702      | 4367     | 10,2       | 211,1      | 2662              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 18:45    | " 31,8    | 15° 59,3 | 4712      | 4729     | 7,6        | 212,0      | 2505              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 19:00    | " 33,4    | " 58,0   | 4716      | 4733     | 6,9        | 210,0      | 3120              | "        | "     | "             | "          | "        | "          | "        |   |
|          | :15      | " 35,2    | " 56,9   | 4722      | 4734     | 8,4        | 200,6      | 2317              | "        | "     | "             | "          | "        | "          | "        |   |
|          | :30      | " 37,0    | " 55,9   | 4717      | 4730     | 7,8        | 207,9      | 3352              | "        | "     | "             | "          | "        | "          | "        |   |
|          | :45      | " 38,9    | " 54,7   | 4710      | 4735     | 10,5       | 200,2      | 1287              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 20:00    | 41,4      | 53,6     | 4735      | 4752     | 10,5       | 202,2      | 1370              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 20:15    | 43,9      | 52,2     | 4748      | 4771     | 11,2       | 206,4      | 2747              | "        | "     | "             | "          | "        | "          | Schwarz  |   |
|          | 20:30    | 46,3      | 50,5     | 4769      | 4783     | 11,4       | 205,2      | 4085              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 20:45    | 48,8      | 48,8     | 4788      | 4808     | 11,6       | 205,8      | 925               | "        | "     | "             | "          | "        | "          | "        |   |
|          | 21:00    | 51,4      | 47,2     | 4765      | 4782     | 11,4       | 207,7      | 280               | "        | "     | "             | "          | "        | "          | "        |   |
|          | 21:15    | 53,9      | 45,6     | 4777      | 4792     | 11,0       | 197,7      | 2970              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 21:30    | 56,6      | 44,1     | 4807      | 4821     | 11,7       | 206,5      | 2477              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 21:45    | 59,0      | 42,1     | 4808      | 4825     | 11,8       | 211,4      | 1712              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 22:00    | 38° 01,6  | 15° 40,2 | 4817      | 4831     | 12,2       | 208,1      | 1588              | "        | "     | "             | "          | "        | "          | "        |   |
|          | 22:15    | 38° 04,3  | 15° 38,5 | 4825      | 4836     | 12,1       | 205,8      | 976               | "        | "     | "             | "          | "        | "          | "        |   |
|          | :30      | 38° 07,1  | 15° 36,8 | 4829      | 4845     | 12,1       | 206,1      | 1500              | "        | "     | "             | "          | "        | "          | Pondrum  |   |
|          | :45      | " 09,8    | " 35,2   | 4837      | 4857     | 12,5       | 206,1      | 2000              | "        | "     | "             | "          | "        | "          | "        |   |
| 23:00    | " 12,6   | " 33,5    | 4839     | 4851      | 12,2     | 204,9      | 1260       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :15      | 38° 13,7 | " 32,8    | 4837     | 4850      | 12,2     | 206,4      | 980        | "                 | "        | "     | "             | 2          | "        | "          |          |   |
| :30      | " 18,2   | " 30,1    | 4831     | 4846      | 12,2     | 204,0      | 1670       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :45      | 20,8     | 28,2      | 4832     | 4847      | 12,8     | 211,0      | 2200       | "                 | "        | "     | "             | 3          | "        | "          |          |   |
| 11/11/97 | 00:00    | 38° 23,6  | 15° 26,3 | 4831      | 4846     | 12,7       | 207,4      | 2700              | "        | "     | "             | "          | "        | "          | "        |   |
| :15      | " 26,4   | " 24,6    | 4823     | 4840      | 12,8     | 204,8      | 1606       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :30      | " 29,3   | " 22,7    | 4813     | 4828      | 12,6     | 209,8      | 2890       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :45      | " 32,0   | " 20,8    | 4804     | 4825      | 12,3     | 208,4      | 1100       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| 01:00    | " 34,9   | " 18,8    | 4802     | 4818      | 13,1     | 207,2      | 4060       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :15      | " 37,7   | " 17,1    | 4798     | 4810      | 13,1     | 205,8      | 1650       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :30      | " 40,4   | " 14,9    | 4796     | 4813      | 12,0     | 218,0      | 1800       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :45      | " 42,6   | " 12,7    | 4784     | 4799      | 11,9     | 227,0      | 2400       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| 02:00    | " 44,9   | " 10,0    | 4779     | 4797      | 11,9     | 222,2      | 2570       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :15      | " 47,6   | " 08,3    | 4771     | 4785      | 12,1     | 202,5      | 2260       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :30      | " 50,4   | " 06,8    | 4772     | 4780      | 11,8     | 203,4      | 3342       | "                 | "        | "     | "             | "          | "        | "          |          |   |
| :45      | 53,3     | 05,3      | 4761     | 4796      | 11,9     | 204        | 1000       | "                 | "        | "     | "             | "          | "        | "          |          |   |

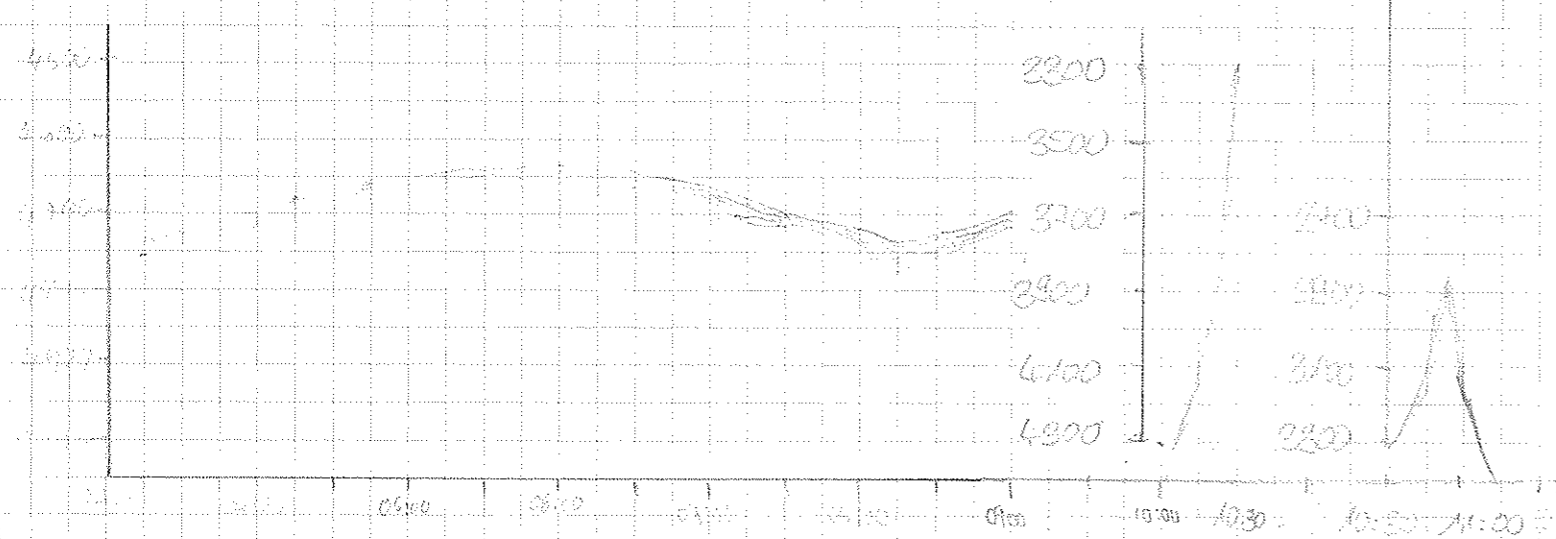


| Datum    | Zeit UTC | Breite °S | Länge °E | Tiefe PS | Tiefe HS | Geschw. [km/h] | Kurs °O | Max. Hmpht. [m] | Freq. PS | Pulse | Record length | Wait time | Tape No. | Deck Rolle | Wortbe | Bemerkungen   |
|----------|----------|-----------|----------|----------|----------|----------------|---------|-----------------|----------|-------|---------------|-----------|----------|------------|--------|---|
| 11/11/97 | 03:15    | 38°58,6   | 15°02,2  | 4737     | 4754     | 11,9           | 203     | 2500            | 4        | 2     | 266           | 0         | 4        | 1          | Uchid  | Wagen Type - Verwirrung nochmal PARADIGMA gestartet<br>istak ist alles gut, ET ~ 35 m |
|          | 30       | 39°01,2   | 00,8     | 4724     | 4745     | 12,2           | 203     | 3000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 35       | 04,1      | 14°59,0  | 4709     | 4726     | 11,4           | 208     | 3000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 04:00    | 03,7      | 58,2     | 4696     | 4712     | 12,0           | 210     | 2750            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 05       | 09,3      | 55,4     | 4683     | 4709     | 11,8           | 210     | 2500            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 30       | 11,7      | 53,5     | 4673     | 4694     | 11,8           | 208     | 3200            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 35       | 14,4      | 51,8     | 4663     | 4681     | 11,7           | 206     | 3000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 05:00    | 17,11     | 50,1     | 4657     | 4674     | 11,9           | 207     | 2000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 05       | 19,6      | 48,3     | 4644     | 4665     | 11,9           | 207     | 2000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 30       | 22,3      | 46,5     | 4632     | 4654     | 11,9           | 210     | 2000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 35       | 24,8      | 44,6     | 4634     | 4653     | 11,8           | 210     | 6000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 06:00    | 27,4      | 42,8     | 4634     | 4653     | 11,8           | 210     | 7000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 05       | 29,9      | 41,0     | 4632     | 4653     | 11,8           | 209     | 7000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 30       | 32,5      | 39,2     | 4635     | 4655     | 11,2           | 208     | 3000            | "        | "     | "             | "         | "        | "          | "      |   |
|          | 35       | 34,8      | 37,7     | 4659     | 4677     | 11,0           | 207     | 2200            | "        | "     | "             | "         | "        | "          | "      |   |
| 07:00    | 37,2     | 36,1      | 4671     | 4689     | 10,7     | 209            | 2300    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 05       | 39,5     | 34,5      | 4684     | 4700     | 10,4     | 209            | 2600    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 30       | 42,0     | 32,8      | 4697     | 4716     | 10,8     | 205            | 2400    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 35       | 44,3     | 31,0      | 4707     | 4726     | 10,8     | 205            | 2200    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 08:00    | 46,8     | 29,8      | 4719     | 4737     | 11,3     | 207            | 2800    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 05       | 49,2     | 28,2      | 4731     | 4746     | 11,0     | 209            | 2800    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 30       | 51,7     | 26,4      | 4729     | 4744     | 10,6     | 208            | 2800    | "               | "        | "     | "             | "         | "        | "          |        |   |
| 35       | 54,1     | 24,8      | 4696     | 4714     | 10,9     | 207            | 2800    | "               | "        | "     | "             | "         | "        | "          |        |   |

Petenzen ET ~ 35 m  
 keine Kalkstein sehen ein den  
 starkem Strom zum  
 Erdbingheit wird gemeldet ET ~ 15 m  
 ET nimmt Wasser zu.  
 ET ~ 40 m

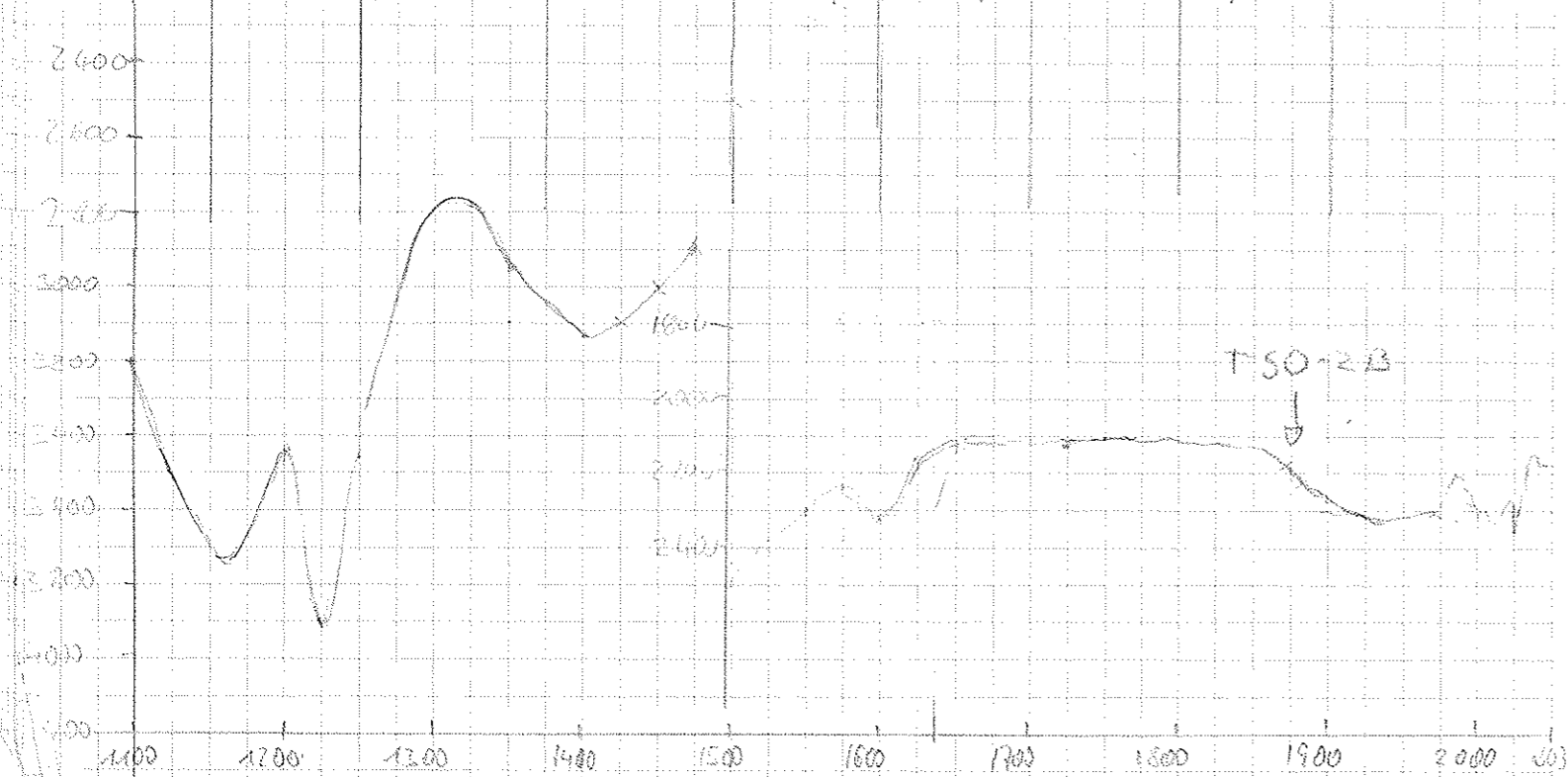
|       |          |          |        |      |      |       |       |   |   |     |   |   |   |       |   |
|-------|----------|----------|--------|------|------|-------|-------|---|---|-----|---|---|---|-------|---|
| 09:53 | 40°05,3  | 14°17,1  | 4367   | 4389 | 11,0 | 207   | 1000  | 4 | 2 | 266 | 0 | 5 | 1 | "     | " |
| 10:05 | 40°07,3  | 14°15,8  | 4285   | 4299 | 10,9 | 207   | 2000  | " | 2 | 266 | 0 | 6 | 1 | Uchid | " |
| 10:20 | 40°09,66 | 14°14,16 | 3965   | 3965 | 11,2 | 206,6 | 280   | " | " | "   | " | " | " | Beck  | " |
| 10:30 | 40°11,31 | 14°13,03 | 3904   | 3901 | 10,6 | 206,5 | 240,6 | " | " | "   | " | " | " | "     | " |
| 10:45 | 40°13,09 | 14°11,05 | 2960   | 2935 | 11,0 | 208,9 | 223   | " | " | "   | " | " | " | "     | " |
| 10:50 | 40°14,46 | 14°10,30 | 2830   | 2813 | 10,5 | 209,4 | 151,3 | " | " | "   | " | " | " | "     | " |
| 11:00 | 40°16,12 | 14°09,73 | 3123,3 | 2941 | 11,2 | 208,3 | 286,3 | " | " | "   | " | " | " | "     | " |

(Uchid) PARADIGMA Neustart, hatte  
 sich aufgel. PS auch (Tiefe  
 keine PS-Tiefe bis 09:16  
 In Modus 4 keine Tiefe →  
 Modus 1, ENDLICH  
 (2x Neustart PS) wieder  
 einigmaßen wenigstens  
 Signal, aber keine PS-Tiefe  
 (Tiefe, wenn auch nicht auf  
 10 m)  
 Hypothese: keine Neustart wurde  
 kein Signal  
 keine PS-Tiefe da Wasser  
 die beim Tief  
 wenn ET dann ~ 5-10 m  
 M 13 Range 5



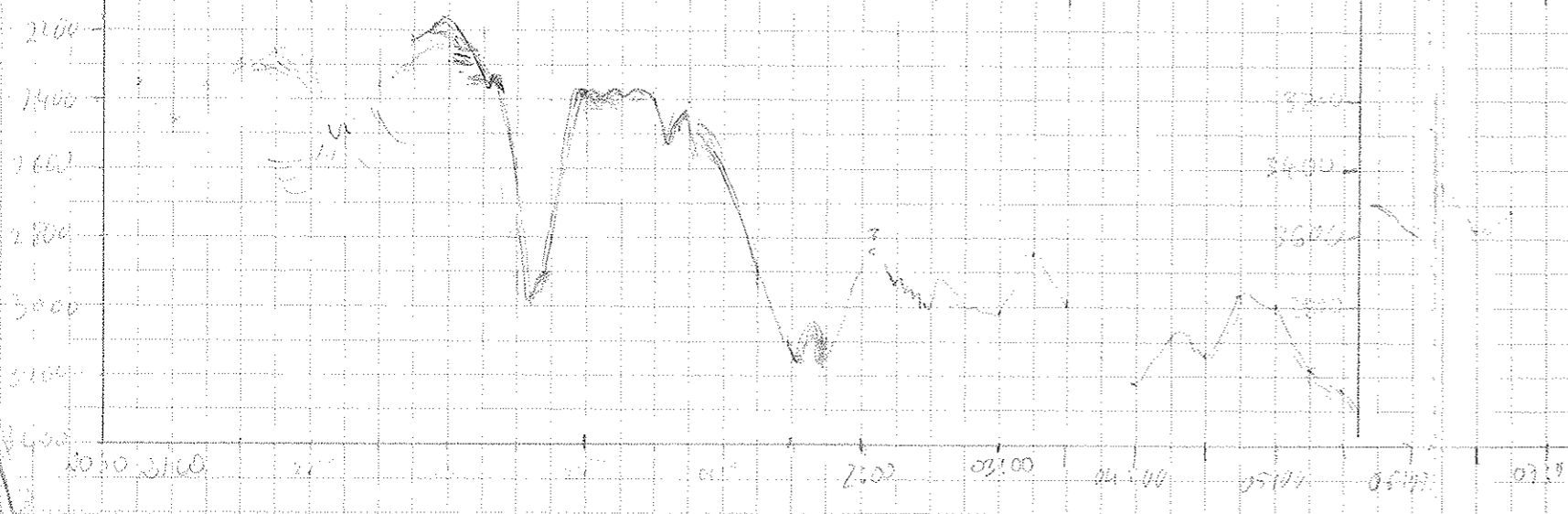
| Datum    | Zeit UTC | Breite ° | Länge °E | Tiefe PS | Tiefe HS | Geschw. Min | Wass. Temp | Max. Prof. Lin. | freq. PS | Pulse | Record Length | Wait time | Tape Nr | Deso Rolle | Wache | Bemerkungen                                 |
|----------|----------|----------|----------|----------|----------|-------------|------------|-----------------|----------|-------|---------------|-----------|---------|------------|-------|---|
| 14/11/67 | 11:15    | 40°18,5  | 14°08,08 |          | 35230    | 10,7        | 207,2      | 300             | 4        | 2     | 266           | 0         | 6       | 1          | TORGE | 11:13 ... 11:15 keine Konstante Temp        |
|          | 11:30    | 40°20,9  | 14°09,49 |          | 3780     | 10,8        | 207,0      | 350             | "        | "     | "             | "         | "       | "          | "     | 11:26 Rang 4 vedervad Tiefe                 |
|          | 11:45    | 40°23,3  | 14°04,9  | 2302     | 3730     | 10,8        | 207,0      | 300             | "        | "     | "             | "         | "       | "          | "     | kurz ist spürbar, da die Dicke unregelmäßig |
|          | 12:00    | 40°25,7  | 14°02,3  | 2370     | 3440     | 10,6        | 209,2      | 250             | "        | "     | "             | "         | "       | "          | "     |   |
|          | 12:15    | 40°28,0  | 14°01,6  | 2650     | 3877     | 10,4        | 209,6      | 250             | "        | "     | "             | "         | "       | "          | "     | 12:17 Rang 5                                |
|          | 12:30    | 40°30,34 | 13°59,9  | 2380     | 3450     | 10,9        | 209,5      | 400             | "        | "     | "             | "         | "       | "          | "     |   |
|          | 12:45    | 40°32,62 | 13°58,2  | 2100     | 3107     | 10,4        | 208,7      | 350             | "        | "     | "             | "         | "       | "          | "     | 12:46 Rang 4                                |
|          | 12:00    | 40°34,93 | 13°56,5  | 2794     | 2801     | 10,3        | 209,0      | 214             | "        | "     | "             | "         | "       | "          | "     | Holje                                       |
|          | 13:15    | 40°33,2  | 13°54,8  | 3030     | 3133     | 10,8        | 210,9      | 550             | "        | "     | "             | "         | "       | "          | "     | Posthum                                     |
|          | 13:30    | 40°39,6  | 13°53,1  | 2945     | 2961     | 10,7        | 209,8      | 716             | "        | "     | "             | "         | "       | "          | "     | Holje                                       |
|          | 13:45    | 40°41,9  | 13°51,5  | 3115     | 3128     | 10,7        | 206        | 1100            | "        | "     | "             | "         | "       | "          | "     | Holje                                       |
|          | 14:00    | 40°44,4  | 13°49,8  | 3130     | 3150     | 11,1        | 204        | 494             | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 14:15    | 40°46,8  | 13°48,4  | 3175     | 3100     | 10,3        | 206        | 903             | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 14:30    | 40°49,1  | 13°46,9  | 2889     | 2403     | 10,8        | 206        | 476             | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 14:45    | 40°51,2  | 13°45,2  | 2906     | 2930     | 10,7        | 207        | 763             | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 15:00    | 40°54,2  | 13°43,5  | 2500     | 2532     | 11,2        | 208        | 633             | "        | "     | "             | "         | "       | "          | "     | Susanne                                     |
|          | 15:15    | 40°56,6  | 13°41,8  | 2540     | 2428     | 11,0        | 208        | 290             | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 15:30    | 40°58,9  | 13°40,1  | 2293     | 2302     | 11,2        | 209        | 1895            | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 15:45    | 41°01,4  | 13°38,3  | 2238     | 2242     | 11,1        | 209        | 2227            | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 16:00    | 41°03,9  | 13°36,6  | 2329     | 2330     | 11,3        | 206        | 2715            | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 16:15    | 41°06,2  | 13°35,01 | 2158     | 2165     | 7,4         | 206,4      | 2540            | "        | "     | "             | "         | "       | "          | "     | "   |
|          | 16:30    | 41°07,5  | 13°34,2  | 2107     | 2115     | 4,7         | 210        | 2600            | "        | "     | "             | "         | "       | "          | "     | Wahler                                      |
|          | 16:43    | 41°08,19 | 13°33,66 | 2106     | 2112     | 0,5         | 207        | 2600            | X        | X     | 266           | 0         | 6       | 1          | "     | Paradisiabucht T50-2B, 5km, 16:25           |
|          | 17:26    | 41°07,95 | 13°34,89 | 2106     | 2116     | 0,5         | 67         | 3600            | 4        | 2     | "             | "         | "       | "          | "     | Terminiert Beginn 16:43                     |
|          | 17:20    | 41°07,88 | 13°34,63 | 2106     | 2117     | 4,9         | 21,4       | 2300            | 4        | 2     | "             | "         | "       | "          | "     | Frequenztest Ende 17:26                     |
|          | 17:50    | 41°08,8  | 13°33,2  |          | 2112     | 5,2         | 20,6       | 2400            | 4        | 2     | "             | "         | "       | "          | "     | Heeschen                                    |
|          | 18:00    | 41°08,99 | 13°32,65 |          | 2111     | 7,2         | 333        | 1800            | 4        | 2     | "             | "         | "       | "          | "     | Wahler                                      |
|          | 18:15    | 41°08,84 | 13°32,77 |          | 2109     | 5,0         | 117        | 2790            | "        | "     | "             | "         | "       | "          | "     | Heeschen                                    |
|          | 18:30    | 41°08,44 | 13°32,4  |          | 2114     | 4,6         | 119        | 2300            | "        | "     | "             | "         | "       | "          | "     | Heeschen                                    |
|          | 18:45    | 41°09,21 | 13°32,26 |          | 2105     | 7,4         | 259        | 2600            | "        | "     | "             | "         | "       | "          | "     | Heeschen                                    |
|          | 19:45    | 41°12,9  | 13°21,7  | 2508     | 2310     | 10,7        | 202        | 1700            | "        | "     | "             | "         | "       | "          | "     | Wahler                                      |
| 2000     | 20:00    | 41°13,91 | 13°18,52 | 2287     | 2297     | 10,9        | 242        | 1100            | "        | "     | "             | "         | "       | "          | "     | Wahler                                      |
| 2100     | 20:15    | 41°15,13 | 13°15,38 | 2334     | 2329     | 10,4        | 241        | 1106            | "        | "     | "             | "         | "       | "          | "     | Wahler                                      |
| 2600     | 20:30    | 41°16,39 | 13°12,16 | 2174     | 2184     | 10,7        | 242        | 1183            | "        | "     | "             | "         | "       | "          | "     | Wahler                                      |

Tape 6 15:34  
Runtime Error 6414



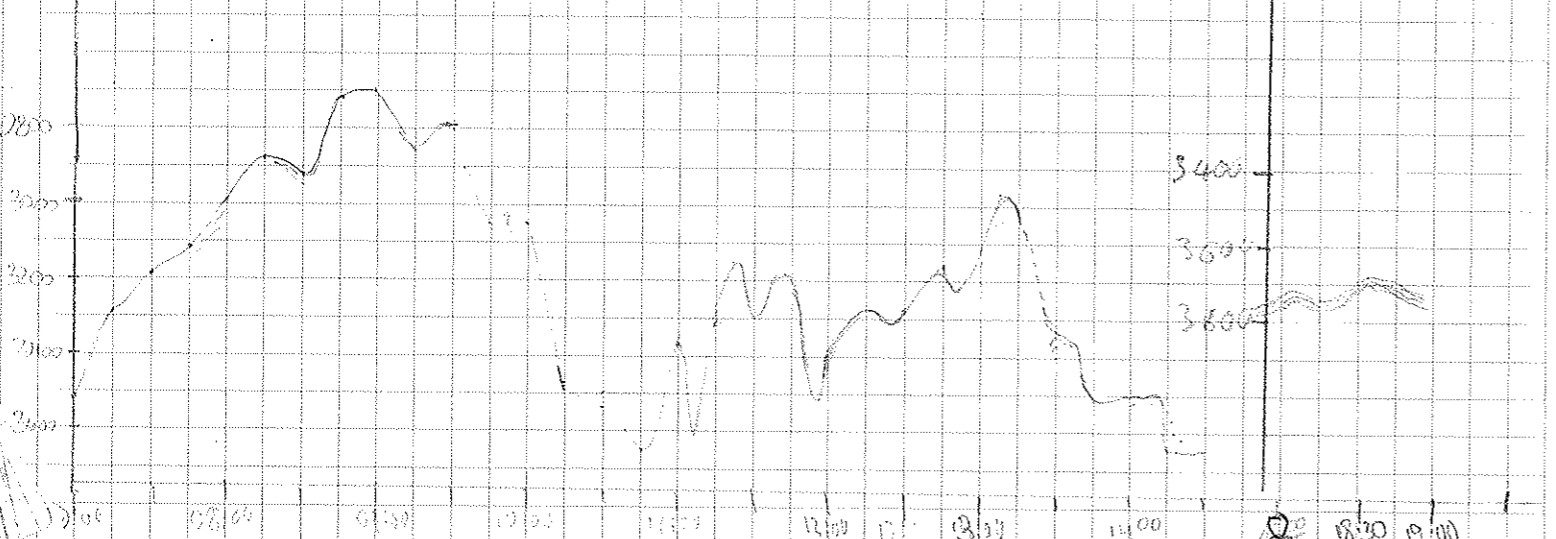
Wahler  
Paradisiabucht T50-2B, 5km, 16:25  
Terminiert Beginn 16:43  
Frequenztest Ende 17:26  
17:45 PARADISIABUCHT bei Tupperware  
sch abgeschlossen, keine PS-Tiefe!  
PS-Tiefe kein Update  
Wahler et Deso: Einheit,  
wenn Temperaturprofil fertig  
ALLES NEU (Stark, Deso)  
Rüft wieder alles

| Datum    | Zeit UTC | Breit    | Länge    | Tiefe PS | Tiefe FS | Geschw [Km/h] | Kurs [°] | Max Rumpf [cm/s] | Freq PS | Pulse | Rechen | Wart Time | Freq Hz | Dens Probe | Wäcker     | Bemerkungen                          |                                 |
|----------|----------|----------|----------|----------|----------|---------------|----------|------------------|---------|-------|--------|-----------|---------|------------|------------|--------------------------------------|---------------------------------|
| 11/11/97 | 20:45    | 41°17.57 | 13°09.11 | 2343     | 2354     | 10.9          | 244      | 1049             | 4       | 2     | 266    | 0         | 8       |            | Kalibren   |                                      |                                 |
|          | 21:00    | 41°18.77 | 13°06.05 | 2338     | 2469     | 10.1          | 24.1     | 1570             | "       | "     | "      | "         | "       | "          | Kalibren   |                                      |                                 |
|          | 21:15    | 41°20.03 | 13°02.02 | 2369     | 2372     | 10.5          | 241.5    | 1498             | "       | "     | "      | "         | "       | "          | Etich      |                                      |                                 |
|          | 21:30    | 41°21.27 | 12°59.91 | 2291     | 2209     | 10.9          | 240.9    | 261              | "       | "     | "      | "         | "       | "          | Etich      | FT = 15 m                            |                                 |
|          | 21:45    | 41°22.64 | 12°56.19 | 2266     | 2278     | 10.2          | 230.2    | 162              | "       | "     | "      | "         | "       | "          | Etich      | (max 50 m)                           |                                 |
|          | 22:00    | 41°23.58 | 12°52.02 | 2293     | 2212     | 10.9          | 242.8    | 249              | "       | "     | "      | "         | "       | "          | Etich      |                                      |                                 |
|          | 22:15    | 41°25.26 | 12°50.76 | 2482     | 2423     | 10.1          | 241.2    | 1425             | "       | "     | "      | "         | "       | "          | Etich      |                                      |                                 |
|          | 22:30    | 41°26.33 | 12°43.59 | 2372     | 2376     | 10.4          | 244.2    | 576              | "       | "     | "      | "         | "       | "          | Etich      | Starke Turbulenzen, schwache Engpass |                                 |
|          | 22:45    | 41°27.19 | 12°43.59 | 2226     | 2221     | 11.6          | 246.2    | 2250             | "       | "     | "      | "         | "       | "          | Etich      |                                      |                                 |
|          | 23:00    | 41°28.01 | 12°40.77 | 2141     | 2126     | 11.2          | 240.2    | 487              | "       | "     | "      | "         | "       | "          | Etich      | Starke Turbulenzen → PS ablesen      |                                 |
|          | 23:15    | 41°28.3  | 12°39.4  | 2278     | 2290     | 11.6          | 243.4    | 850              | "       | "     | "      | "         | "       | "          | Fortfahren | Starke Turbulenzen, FT = 12 m        |                                 |
|          | 23:30    | 41°28.5  | 12°34.7  | 2669     | 2747     | 11.0          | 243.6    | 250              | "       | "     | "      | "         | "       | "          | "          |                                      | Probleme mit IS 116, kein Flare |
|          | 23:45    | 41°28.8  | 12°30.8  | 2886     | 2900     | 11.2          | 243.5    | 250              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
|          | 12/11/97 | 00:00    | 41°34.0  | 12°27.6  | 2396     | 2407          | 10.6     | 243.4            | 1540    | "     | "      | "         | "       | "          | "          | "                                    |                                 |
|          |          | 00:15    | 41°35.2  | 12°24.4  | 2474     | 2426          | 10.6     | 243.5            | 880     | "     | "      | "         | "       | "          | "          | "                                    |                                 |
| 00:30    |          | 41°36.4  | 12°21.2  | 2379     | 2391     | 10.2          | 244.2    | 560              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 00:45    |          | 41°37.6  | 12°19.9  | 2490     | 2482     | 10.6          | 244.1    | 360              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 01:00    |          | 41°38.7  | 12°14.8  | 2582     | 2619     | 10.7          | 245.1    | 995              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 01:15    |          | 41°38.9  | 12°11.5  | 2957     | 2972     | 10.8          | 241.1    | 350              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 01:30    |          | 41°40.9  | 12°08.4  | 3047     | 3079     | 10.2          | 244.3    | 250              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 01:45    |          | 41°42.2  | 12°05.3  | 3129     | 3156     | 10.9          | 242.1    | 650              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 02:00    |          | 41°43.4  | 12°02.3  | 2810     | 2869     | 10.3          | 241.3    | 300              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 02:15    |          | 41°44.6  | 11°59.20 | 2972     | 2930     | 10.9          | 240.8    | 670              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 02:30    |          | 41°45.9  | 11°56.1  | 3020     | 2987     | 9.6           | 239.9    | 815              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 02:45    |          | 41°49.7  | 11°53.4  | 2997     | 3004     | 10.5          | 241.4    | 350              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 03:00    |          | 41°48.2  | 11°50.5  | 3072     | 3027     | 10.6          | 243.1    | 350              | "       | "     | "      | "         | "       | "          | "          |                                      |                                 |
| 03:15    |          | 49.3     | 47.5     | 2847     | -        | 9.7           | 241      | 400              | "       | "     | "      | "         | "       | "          | UWS        |                                      |                                 |
| 03:30    |          | 50.6     | 44.2     | 2997     | -        | 10.7          | 243      | 400              | "       | "     | "      | "         | "       | "          | UWS        |                                      |                                 |
| 03:45    | 52.6     | 38.9     | 3198     | 3217     | 10.5     | 246           | 400      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 04:00    | 52.8     | 38.2     | 3213     | 3227     | 10.8     | 248           | 600      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 04:15    | 53.9     | 35.1     | 3092     | 3117     | 8.9      | 247           | 500      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 04:30    | 54.8     | 32.1     | 3132     | 3167     | 9.9      | 244           | 300      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 04:45    | 55.9     | 24.4     | 2979     | 3012     | 8.1      | 244           | 500      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 05:00    | 56.9     | 26.6     | 3006     | 3038     | 9.1      | 242           | 500      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 05:15    | 58.0     | 23.9     | 3197     | 3288     | 10.2     | 242           | 300      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 05:30    | 59.2     | 20.8     | 3240     | 3281     | 9.3      | 240           | 800      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 05:45    | 46       | 42°00.29 | 17.2     | 3459     | 3496     | 9.0           | 244      | 300              | "       | "     | "      | "         | 10      | "          |            |                                      |                                 |
| 06:00    | 01.2     | 15.1     | 3510     | 3592     | 10.1     | 245           | 300      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 06:15    | 02.2     | 12.3     | 3437     | 3459     | 8.9      | 245           | 490      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 06:30    | 03.3     | 09.4     | 3578     | 3629     | 9.6      | 237           | 700      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 06:45    | 04.6     | 06.7     | 3722     | 3528     | 9.1      | 237           | 200      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |
| 07:00    | 05.8     | 03.9     | 3512     | 3584     | 10.3     | 245           | 300      | "                | "       | "     | "      | "         | "       | "          |            |                                      |                                 |

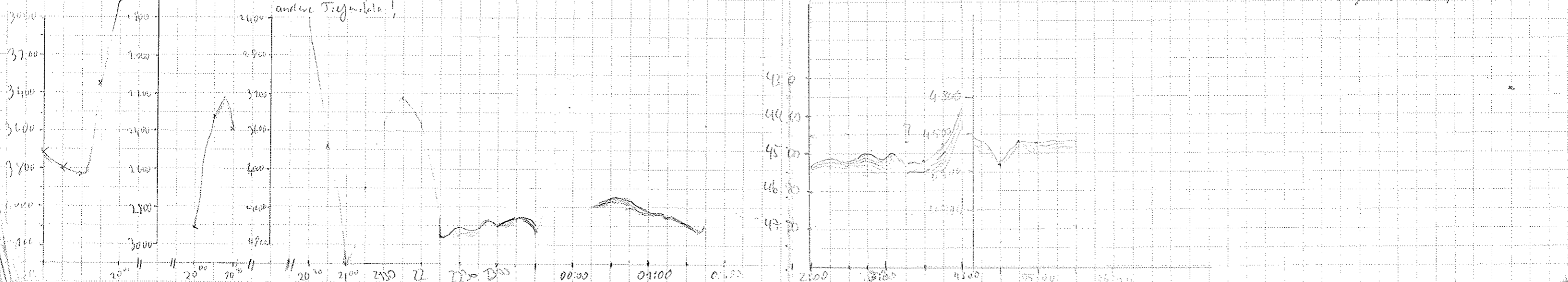


Turbulenzen, Tief fast immer  
 dynamisch, kalibren  
 HS-off 01:45, 11:10, 11:45  
 Abs. bei Turbulenzen, C. Top aus-  
 geschaltet.  
 PS-Buch fällt schon  
 beim Aufschwimmen nach 2  
 Tausendern, bei 1.1000  
 umschalt 58.5 (DMS)  
 FT = 25, aber stark vermindert  
 DPAU-ERROR, PARADISE nicht  
 PS-Tiefe OK, aber keine Kalibren

| DATUM    | ZEIT UTC | BREITE °  | LÄNGE     | TIEFE PS | TIEFE MS | GESCHW Lknj | KURS [°] | MAX. AMPH [mV] | FREQ RS | PULSE | RECORD LENGTH | WAIT TIME | TAPE NR | DESO ROLLE | WALZE   | BEMERKUNGEN                         |
|----------|----------|-----------|-----------|----------|----------|-------------|----------|----------------|---------|-------|---------------|-----------|---------|------------|---------|-------------------------------------|
| 12.11.97 | 07:15    | 42° 06,33 | 10° 00,07 | 3096     | 3351     | 9,1         | 248      | 938,1          | 4       | 2     | 266           | 0         | 10      | 2          | Babette |                                     |
|          | 07:30    | 42° 07,66 | 10° 57,96 | 3193     | 3286     | 9,9         | 244      | 533,8          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 07:45    | 42° 08,69 | 10° 55,04 | 3108     | 3124     | 9,5         | 243      | 520,6          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 08:00    | 42° 08,79 | 10° 52,08 | 2993     | 2996     | 10,8        | 243      | 738,1          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 08:15    | 42° 10,94 | 10° 49,12 | 2874     | 2892     | 10,0        | 242      | 434,4          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 08:30    | 42° 12,10 | 10° 46,11 | 2910     | 2922     | 10,1        | 244      | 338,1          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 08:45    | 42° 13,22 | 10° 42,35 | 2703     | 2738     | 10,8        | 245      | 986,1          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 09:00    | 42° 14,30 | 10° 39,84 | 2869     | 2700     | 10,2        | 244,5    | 717,2          | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 09:15    | 42° 15,46 | 10° 36,81 | 2887     | 2728     | 10,2        | 244,1    | 578,1          | "       | "     | "             | "         | "       | "          | Reine   |                                     |
|          | 09:30    | 42° 16,70 | 10° 33,67 | 2770     | 2826     | 10,3        | 241      | 700            | "       | "     | "             | "         | "       | "          | "       | ET ~ 45m                            |
|          | 09:45    | 42° 17,93 | 10° 30,7  | 3046     | 3026     | 10,9        | 239      | 600            | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 10:00    | 42° 19,41 | 10° 27,31 | 3047     | 3063     | 10,7        | 237,7    | 550            | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 10:15    | 42° 20,98 | 10° 24,11 | 3483     | 3572     | 11,1        | 240,2    | 500            | "       | "     | "             | "         | "       | "          | "       | U ~ 30m                             |
|          | 10:30    | 42° 22,08 | 10° 21,   | 3539     | 3585     | 11,2        | 244      | 400            | "       | "     | "             | "         | "       | "          | "       | ET ~ 75m                            |
|          | 10:45    | 42° 23,32 | 10° 17,7  | 3663     | 3680     | 11,1        | 244,9    | 480            | "       | "     | "             | "         | "       | "          | "       | "                                   |
|          | 11:00    | 42° 24,56 | 10° 14,4  | 3282     | 3395     | 10,5        | 243,1    | 450            | "       | "     | "             | "         | "       | "          | Torge   |                                     |
|          | 11:15    | 42° 25,35 | 10° 11,15 | 3180     | 3309     | 11,7        | 241,2    | 400            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 11:30    | 42° 27,07 | 10° 07,7  | 3282     | 3330     | 11,7        | 241,1    | 400            | "       | "     | "             | "         | "       | "          | "       | 24m Abstand auf 60m                 |
|          | 11:45    | 42° 28,19 | 10° 04,4  | 2702     | 3201     | 10,8        | 241,5    | 500            | "       | "     | "             | "         | "       | "          | "       | 3m Abstand in Höhe 25 m Höhe & kein |
|          | 12:00    | 42° 29,35 | 10° 01,05 | 3261     | 3299     | 11,1        | 241,3    | 350            | "       | "     | "             | "         | "       | "          | "       | 2/3 Höhe & davor kein Auftrieb      |
|          | 12:15    | 42° 30,52 | 9° 57,61  | 3776     | 3203     | 11,5        | 243,0    | 300            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 12:30    | 42° 31,92 | 9° 54,4   | 3787     | 3305     | 11,1        | 241,9    | 300            | "       | "     | "             | "         | "       | "          | "       | Bei Topwechsel PARADIS dargestellt  |
|          | 12:45    | 42° 33,30 | 9° 51,01  | 3787     | 3434     | 10,8        | 240,2    | 400            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 13:00    | 42° 34,71 | 9° 47,69  | 3156     | 3182     | 11,0        | 238,6    | 600            | "       | "     | "             | "         | "       | "          | Katja   |                                     |
|          | 13:15    | 42° 36,10 | 9° 44,44  | 3028     | 3111     | 10,8        | 240,0    | 200            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 13:30    | 42° 37,47 | 9° 41,11  | 3257     | 3384     | 10,4        | 241      | 300            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 13:45    | 42° 38,65 | 9° 37,81  | 3513     | 3554     | 10,8        | 246      | 600            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 14:00    | 42° 39,83 | 9° 34,17  | 3589     | 3628     | 11,2        | 244      | 300            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 14:15    | 42° 40,92 | 9° 30,93  | 3548     | 3559     | 10,7        | 245      | 400            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 14:30    | 42° 42,06 | 9° 27,74  |          | 3562     | 10,6        | 241      | 600            | "       | "     | "             | "         | "       | "          | "       |                                     |
|          | 14:45    |           |           |          |          |             |          |                |         |       |               |           |         |            |         |                                     |
|          | 15:00    |           |           |          |          |             |          |                |         |       |               |           |         |            |         |                                     |
|          | 16:45    | 42° 53,5  | 8° 57,4   | 3760     | 3773     | 8,3         | 241      | 2000           | "       | "     | "             | "         | "       | "          | Unklar  | Wegen dauerhafter Abstände          |
|          | 17:00    | 54,4      | 55,1      | 3782     | 3746     | 9,7         | 243      | 1600           | "       | "     | "             | "         | "       | "          | "       | bei Topwechsel mit 2                |
|          |          | 54,83     | 54,01     | 3717     | 3782     | 1,1         | 235      | 1200           | "       | "     | "             | "         | "       | "          | "       | Reine protokolliert, funktioniert   |
|          |          |           |           | 3720     | 3,00     |             |          |                | "       | "     | "             | "         | "       | "          | "       | WEITERHAUPT NICHT, wie              |
|          |          |           |           |          |          |             |          |                | "       | "     | "             | "         | "       | "          | "       | den alt.                            |
|          | 18:00    | 42° 54,69 | 8° 54,96  | 3734     | 3749     | 1,3         | 78       | 1900           | 4       | 2     | "             | "         | "       | "          | "       | Nach Zähler Ringen mit H.H.         |
|          | :15      | 54,18     | 53,9      | 3718     | 3732     | 5,2         | 241      | 1000           | "       | "     | "             | "         | "       | "          | "       | gibt, ist wenigstens wieder wie     |
|          | :30      | 55,1      | 52,6      | 3715     | 3727     | 7,6         | 13       | 1000           | "       | "     | "             | "         | "       | "          | "       | vorher 12:00 Start Auftrieb 150-30  |
|          | :45      | 54,0      | 53,6      | 3704     | 3722     | 3,4         | 152      | 1500           | "       | "     | "             | "         | "       | "          | "       | ET ~ 30m Beginn Frequenztest        |
|          | 19:00    | 55,2      | 54,3      | 3730     | 3745     | 4,8         | 185      | 2200           | "       | "     | "             | "         | "       | "          | "       | Ende Frequenztest                   |
|          |          |           |           |          |          |             |          |                | "       | "     | "             | "         | "       | "          | "       | ET ~ 30m                            |



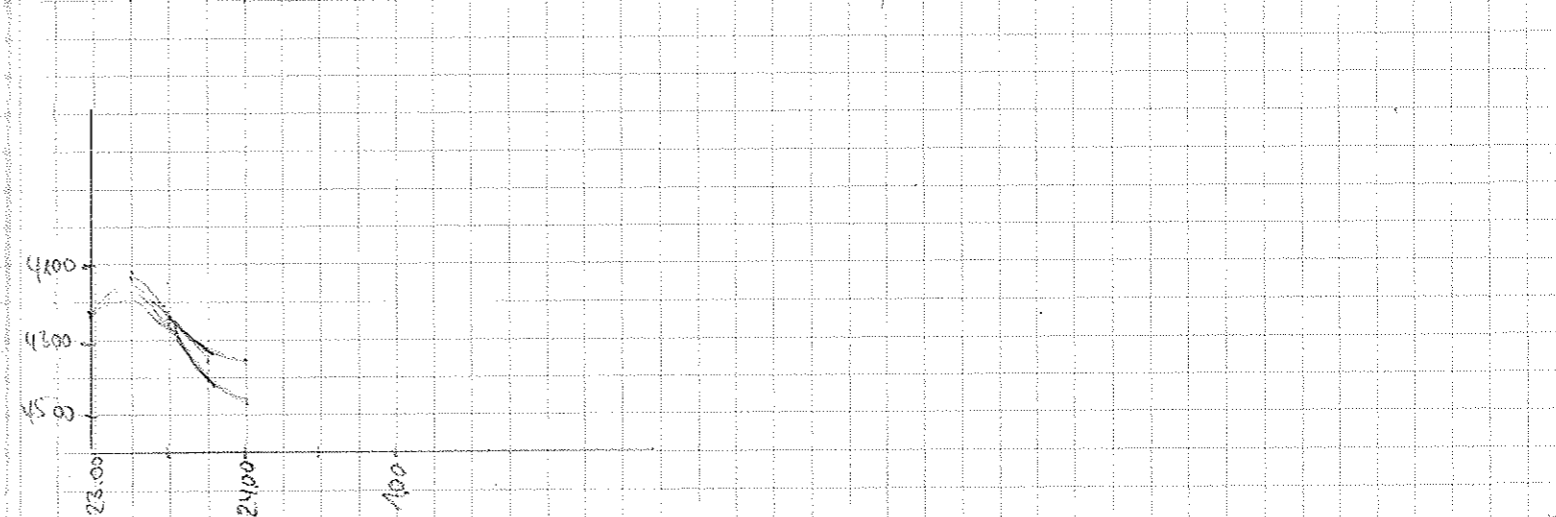
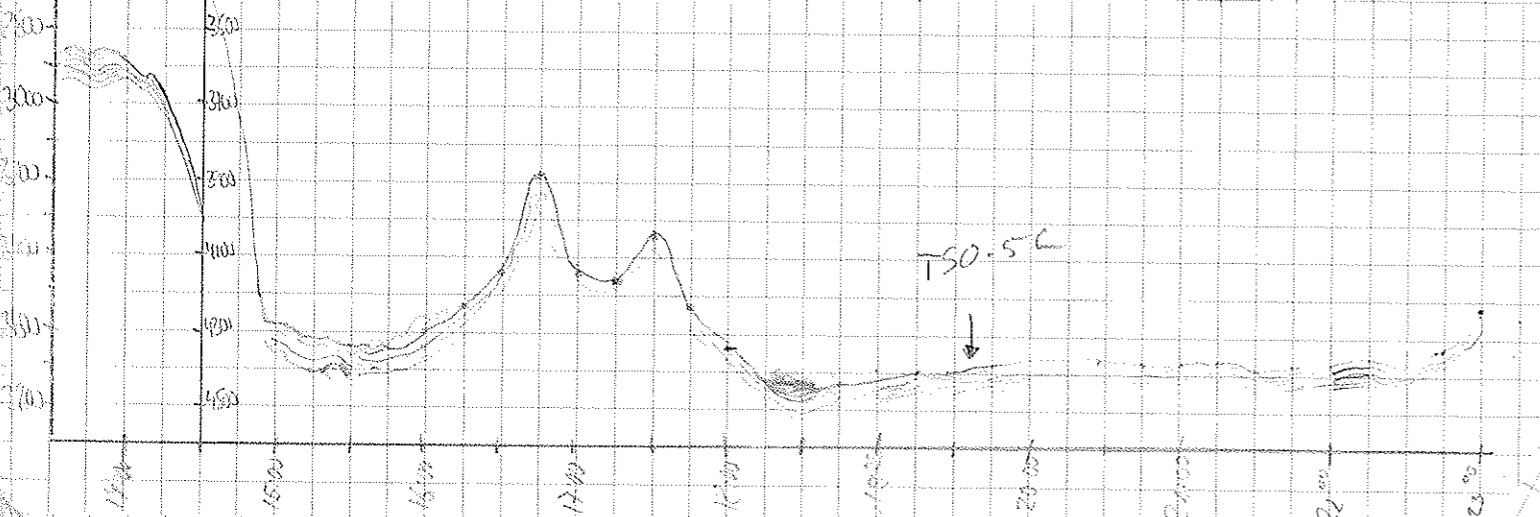
| DATE         | TIME  | BREITEN    | LÄNGEN    | TIEFE PS | TIEFE MS | GESCHW (km) | Kurz (m) | MAX. AMP. [cmV] | FREQ PS | PULSE | RECORD LENGTH | WAIT TIME | TAPE NR. | DEFO ROLLE | WACHE   | BEMERKUNGEN                                  |
|--------------|-------|------------|-----------|----------|----------|-------------|----------|-----------------|---------|-------|---------------|-----------|----------|------------|---------|--|
| 12. 11. 1997 | 19:15 | 42° 56, 26 | 8° 54, 54 | 3799     | 3813     | 5,2         | 205      | 1652            | 4       | 2     | 266           | 0         | 12       | 2          | Seidel  | Station ODP - Ende; Einschwenk auf Kurs      |
|              | 19:30 | 42° 58, 14 | 8° 53, 21 | 3826     | 3841     | 10,2        | 212      | 1481            | "       | "     | "             | "         | "        | "          | "       | ET ~ 20 m;                                   |
|              | 19:45 | 43° 00, 51 | 8° 51, 15 | 3366     | 3305     | 11,8        | 212      | 226             | "       | "     | "             | "         | "        | "          | "       | PS setzt oft aus (nach langem Vorlauf);      |
|              | 20:00 | 43° 02, 54 | 8° 49, 13 | 2907     | 2908     | 11,7        | 212      | 816             | "       | "     | "             | "         | "        | "          | "       | steil ansteigendes Relief; PS setzt oft aus; |
|              | 20:15 | 43° 03, 32 | 8° 47, 06 | 2310     | 2340     | 11,2        | 213      | 348             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 20:30 | 43° 07, 50 | 8° 44, 38 | 2482     | 2393     | 11,9        | 206      | 344             | "       | "     | "             | "         | "        | "          | "       | HS fällt aus; steil abfallendes Relief;      |
|              | 20:45 | 43° 10, 46 | 8° 43, 20 | 3766     | 3771     | 11,7        | 208      | 278             | "       | "     | "             | "         | "        | "          | "       | kein PS - Reflexion; " " " "                 |
|              | 21:00 | 43° 13, 10 | 8° 41, 35 | 4995     | 5004     | 11,8        | 206      | 191             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 21:15 | 43° 15, 63 | 8° 39, 62 | 4200,9   | 4611,0   | 11,8        | 202,2    | 341,5           | "       | "     | "             | "         | "        | "          | Schwarz | kein PS - Reflexion; steil abfallend         |
|              | 21:30 | 43° 18, 74 | 8° 37, 84 | 3578,0   | 3608,0   | 11,2        | 206      | 385,6           | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 21:45 | 43° 20, 86 | 8° 36, 07 | 3238     | 3225     | 11,9        | 208,7    | 254,4           | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 22:00 | 43° 23, 45 | 8° 34, 88 | 3522,5   | 4206,0   | 11,7        | 206,3    | 316,3           | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 22:15 | 26, 08     | 27, 56    | 4426     | 4280     | 11,7        | 208,0    | 623,1           | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 22:30 | 28, 60     | 30, 60    | 4648, 1  | -        | 12,0        | 207, 7   | 864, 4          | "       | "     | "             | "         | "        | "          | "       | Reflexion wieder da,                         |
|              | 22:45 | 31, 18     | 28, 38    | 4632, 5  | 4655, 0  | 11,6        | 210, 8   | 1032, 5         | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 23:00 | 43° 33, 8  | 8° 26, 9  | 4575     | 4596     | 17,7        | 202, 8   | 730             | "       | "     | "             | "         | "        | "          | Portham | "  |
|              | :15   | 43° 36, 5  | 8° 25, 3  | 4586     | 4601     | 17,6        | 203, 4   | 850             | "       | "     | "             | "         | 13       | "          | "       | 23.09 BEVIND 23.11 TAPEWECHSEL               |
|              | :30   | 43° 38, 9  | 8° 23, 6  | 4630     | 4600     | 17,7        | 205, 9   | 360             | "       | "     | "             | "         | "        | "          | "       | Start  |
|              | :45   | 43° 41, 5  | 8° 22, 2  | 4750     | 4416     | 17,3        | 204, 5   | 220             | "       | "     | "             | "         | "        | "          | "       | er geht stark am Hang hoch                   |
| 13/11/1997   | 00:00 | 43° 45, 5  | 8° 19, 3  | 2357, 2  | 4482     | 17,4        | 210, 5   | 320             | "       | "     | "             | "         | "        | "          | "       | Para-sound tiefe geländ                      |
|              | :15   | 43° 46, 7  | 8° 18, 4  | 4425     | 4425     | 17,7        | 210, 6   | 360             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :30   | 43° 49, 1  | 8° 16, 4  | 4345     | 4364     | 17,6        | 210, 3   | 1000            | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :45   | 43° 51, 6  | 8° 14, 4  | 4372     | 4390     | 17,6        | 207, 2   | 890             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 01:00 | 43° 54, 3  | 8° 12, 6  | 4425     | 4443     | 12,0        | 203, 0   | 800             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :15   | 43° 57, 0  | 8° 10, 9  | 4460     | 4476     | 17,4        | 203, 3   | 1180            | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :30   | 43° 59, 7  | 8° 09, 3  | 4543     | 4559     | 17,6        | 206, 5   | 1041            | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :45   | 44° 02, 6  | 8° 07, 2  | 3840, 2  | 4476     | 10,9        | 210, 1   | 580             | "       | "     | "             | "         | "        | "          | "       | PS-Tiefe !!!                                 |
|              | 02:00 | 44° 04, 8  | 8° 05, 5  | 2939, 2  | 4464     | 17,6        | 207, 7   | 800             | "       | "     | "             | "         | "        | "          | "       | Fahrer vor dem Kurs? Götter Probleme wie ↑   |
|              | :15   | 44° 07, 2  | 8° 03, 7  | 3840, 1  | 4536     | 12,0        | 208, 2   | 1160            | "       | "     | "             | "         | "        | "          | "       | Wahr! Steil Kurs                             |
|              | :30   | 44° 09, 3  | 8° 01, 6  | 4530     | 4515     | 17,6        | 208, 9   | 1150            | "       | "     | "             | "         | "        | "          | "       | 10m ET stark Schichtung                      |
|              | :45   | 44° 12, 3  | 8° 59, 9  | 4505     | 4522     | 17,6        | 208, 0   | 1300            | "       | "     | "             | "         | "        | "          | "       | ET > 80m unregelmäßig durch Horizont         |
|              | 03:00 | 44° 14, 8  | 8° 58, 0  | 4527     | 4547     | 17,4        | 205, 9   | 780             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :15   | 44° 17, 6  | 8° 56, 0  | 4532     | 4494     | 17,4        | 204, 6   | 250             | "       | "     | "             | "         | "        | "          | "       | PS-Tiefe !!!                                 |
|              | :30   | 20, 5      | 54, 4     | 4532     | 4552     | 11,7        | 204      | 450             | "       | "     | "             | "         | "        | "          | Wach?   | Stark abfallend 2. Refl. Ebene in ca. 20m    |
|              | :45   | 23, 2      | 52, 7     | 4670     | 4494     | 12,1        | 207      | 6300            | "       | "     | "             | "         | "        | "          | "       | Stark abfallend 2. Refl. Ebene in ca. 20m    |
|              | 04:00 | 25, 8      | 50, 4     | 4415     | 4435     | 11,3        | 207      | 500             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :15   | 28, 4      | 49, 0     | 4569     | 4570     | 11,9        | 204      | 1300            | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :30   | 31, 0      | 47, 0     | 4697     | 4704     | 11,7        | 208      | 1430            | "       | "     | "             | "         | "        | "          | "       | "  |
|              | :45   | 33, 6      | 45, 0     | 4418     | 4418     | 12,4        | 207      | 500             | "       | "     | "             | "         | "        | "          | "       | "  |
|              | 05:00 | 36, 2      | 43, 1     | 4520     | 4532     | 11,8        | 207      | 2100            | "       | "     | "             | "         | "        | "          | "       | Falsche PS-Tiefe, aber vor allem             |
|              | :15   | 39, 5      | 40, 8     | 4538     | 4558     | 12,0        | 207      | 1700            | "       | "     | "             | "         | 14       | "          | "       | Reflexion, mündend PS, o.k.!                 |
|              | :30   | 41, 6      | 39, 3     | 4537     | 4556     | 11,8        | 207      | 2000            | "       | "     | "             | "         | "        | "          | "       | Schicht! Inzident auf Skatte!!!              |



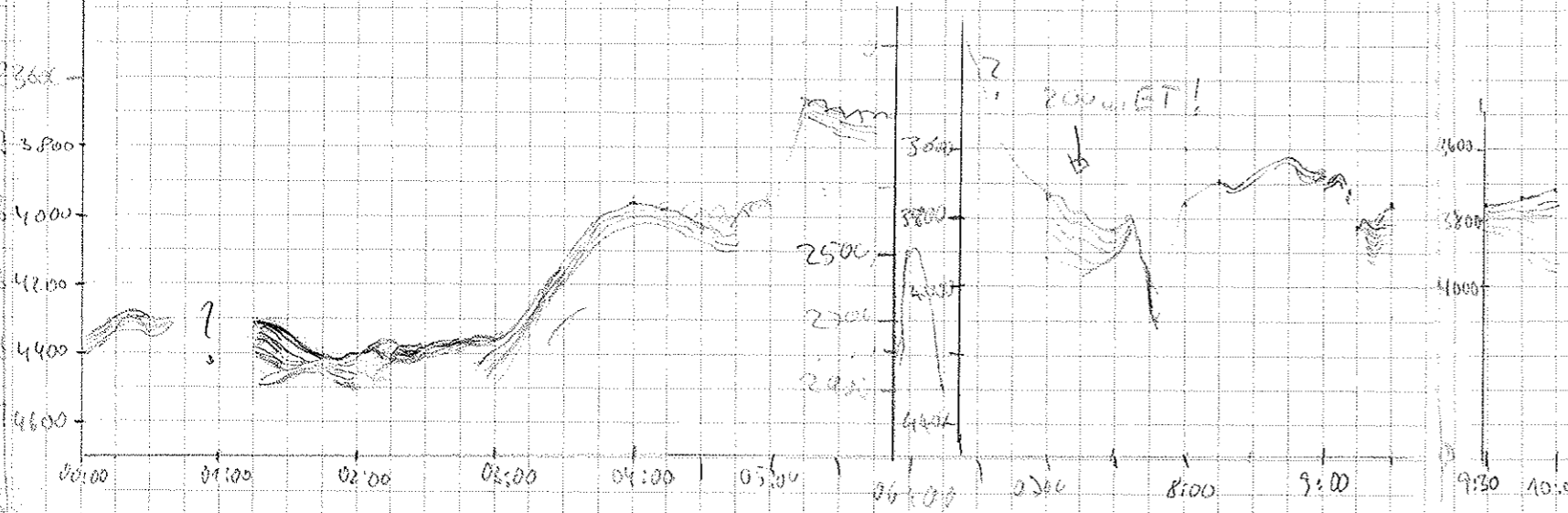




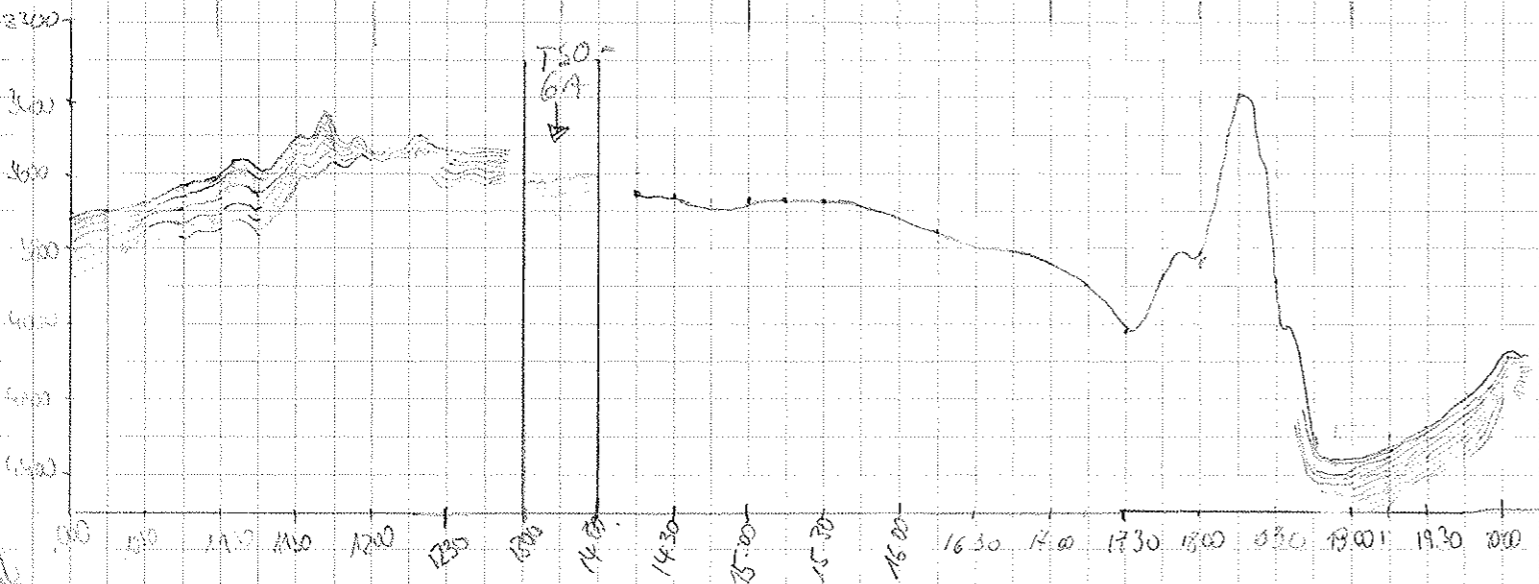
| Datum    | Zeit UTC | Inkile (°S) | Länge (°E) | Tiefe (m) | Tiefe (m) | Gesch. (km) | Wass. Σ 97 | UX Kap Σ 97 | Freq. PS | Uhr | Rund. Lenell | Dant. Uhr | Tape N. | Deso. Rolle | Wache       | Bemerkungen                         |
|----------|----------|-------------|------------|-----------|-----------|-------------|------------|-------------|----------|-----|--------------|-----------|---------|-------------|-------------|-------------------------------------|
| 13/11/97 | 14:00    | 46°10,84    | 6°35,0     | 2879      | 2850      | 11,3        | 209        | 2208        | 4        | 2   | 266          | 0         | 15      | 2           | Pelma       | ET ~ 50m                            |
|          | 14:15    | 13,9        | 33,6       | 2980      | 2984      | 11,2        | 205        | 1000        | "        | "   | "            | "         | "       | "           | "           | Wellen auf Abfall in größerer Tiefe |
|          | 14:30    | 16,0        | 31,9       | 3310      | 3318      | 11,7        | 209        | 1000        | "        | "   | "            | "         | "       | "           | "           | Steilabfall auf 3300 m              |
|          | 14:45    | 18,5        | 29,9       | 3400      | 4085      | 10,9        | 209        | 500         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 15:00    | 20,9        | 28,1       | 4328      | 4328      | 11,2        | 209        | 200         | "        | "   | "            | "         | "       | "           | "           | Schicht der Hart                    |
|          | 15:15    | 23,4        | 26,2       | 4317      | 4342      | 11,5        | 207        | 400         | "        | "   | "            | "         | "       | "           | "           | Es hat dicker Sediment unterhalb    |
|          | 15:30    | 26,0        | 24,9       | 4351      | 4369      | 11,5        | 206        | 600         | "        | "   | "            | "         | "       | "           | "           | ET ~ 100m                           |
|          | 15:45    | 28,6        | 22,6       | 4380      | 4700      | 11,3        | 201        | 500         | "        | "   | "            | "         | "       | "           | "           | unter Sediment verlor               |
|          | 16:00    | 46°31,2     | 6°20,7     | 4298      | 4341      | 11,2        | 207        | 252         | "        | "   | "            | "         | "       | "           | Friedhoff   | ET ~ 100m                           |
|          | 16:15    | 46°32,7     | 6°18,9     | 4187      | 4228      | 11,1        | 208        | 983         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 16:30    | 46°36,2     | 6°17,0     | 4045      | 4061      | 11,2        | 206        | 786         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 16:45    | 46°38,7     | 6°15,1     | 3855      | 3872      | 11,6        | 207        | 1236        | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 17:00    | 46°41,2     | 6°13       | 4175      | 4183      | 11,3        | 209        | 803         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 17:15    | 46°43,8     | 6°11,1     | 4140      | 4169      | 11,9        | 209        | 815         | "        | "   | "            | "         | "       | "           | "           | Maßstab Rutsch auf Sediment         |
|          | 17:32    | 46°46,8     | 6°08,9     | 4041      | 4067      | 11,9        | 205,9      | 530         | "        | "   | "            | "         | 16      | "           | "           | parat / Tapewechsel bei 17:32       |
|          | 17:45    | 46°48,9     | 6°07,4     | 4205      | 4225      | 12          | 204        | 680         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 18:00    | 46°51,7     | 6°05,1     | 3843      | 4435      | 11,7        | 206        | 250         | "        | "   | "            | "         | "       | "           | Frede       | PS aufgehört -> höherer             |
|          | 18:15    | 46°54,3     | 6°03,6     | 4438      | 4457      | 11,9        | 206        | 730         | "        | "   | "            | "         | "       | "           | "           | 18:20 großes Rutschwasser           |
|          | 18:30    | 46°56,8     | 6°01,7     | 4400      | 4418      | 11,6        | 207        | 688         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 18:45    | 46°59,6     | 5°59,9     | 4431      | 4452      | 11,8        | 205        | 930         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 19:00    | 47°01,7     | 5°58,0     | 4402      | 4410      | 8,4         | 210        | 363         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 19:15    | 47°03,7     | 5°56,5     | 4387      | 4419      | 8,6         | 204        | 943         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 19:30    | 04,9        | 55,7       | 4379      | 4405      | 8,3         | 207        | 1000        | "        | "   | "            | "         | "       | "           | Walter      | Bei Aufwind T50-5C                  |
|          | 19:40    | 05,1        | 55,5       | 4380      | 4401      | 5,6         | 207        | 1000        | "        | "   | "            | "         | "       | "           | "           | ca. ET ~                            |
|          | 20:00    | 05,70       | 55,16      | 4380      | 4399      | 1,3         | 147        | 600         | X        | X   | "            | "         | "       | "           | "           | Beginn Frequentest 19:40            |
|          | 20:26    | 06,64       | 55,85      | 4359      | 4376      | 1,7         | 152        | 1000        | 4        | 2   | "            | "         | "       | "           | "           | Ende Frequentest 20:26              |
|          | 20:45    | 47°05,6     | 5°56,22    | 4377      | 4396      | 6,6         | 352        | 836         | "        | "   | "            | "         | "       | "           | Echel       | viele Reflexionen                   |
|          | 21:00    | 47°05,52    | 5°55,20    | 4370      | 4398      | 4,7         | 201        | 877         | "        | "   | "            | "         | "       | "           | "           | Seindrehen auf Kurs                 |
|          | 21:15    | 47°06,62    | 5°54,39    | 4377      | 4401      | 5,0         | 252        | 527         | "        | "   | "            | "         | "       | "           | "           | ET ~ 100m                           |
|          | 21:30    | 47°08,56    | 5°53,58    | 4390      | 4415      | 5,2         | 341        | 791         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 21:45    | 47°09,40    | 5°52,31    | 4384      | 4407      | 5,6         | 114        | 9071        | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 22:00    | 47°06,01    | 5°56,10    | 4370      | 4392      | 5,3         | 113        | 683         | "        | "   | "            | "         | "       | "           | "           |                                     |
|          | 22:15    | 47°07,46    | 5°56,22    | 4377      | 4367      | 10,8        | 194        | 700         | "        | "   | "            | "         | "       | "           | Finkenlager | ET ~ 100m                           |
|          | 22:30    | 47°10,19    | 5°55,05    | 4391      | 4412      | 10,1        | 197        | 766         | "        | "   | "            | "         | "       | "           | "           | 22:27 Deso-Rolle austauschen        |
|          | 22:45    | 47°12,92    | 5°55,06    | 4320      | 4352      | 11,5        | 182        | 200         | "        | "   | "            | "         | "       | 3           | "           | 22:38 neue Deso-Rolle               |
|          | 23:00    | 47°15       | 5°54,8     | 4225      | 4246      | 11,9        | 176        | 600         | "        | "   | "            | "         | "       | "           | "           | ET ~ 50m                            |
|          | 23:15    | 47°18,87    | 5°54,7     | 4110      | 4127      | 12,1        | 183        | 1000        | "        | "   | "            | "         | "       | "           | "           | ET ~ 150m (23:24: falsche)          |
|          | 23:30    | 47°21,8     | 5°54,88    | 4250      | 4273      | 12,0        | 180        | 800         | "        | "   | "            | "         | 17      | "           | "           | Tapewechsel 23:32 Höhe PS           |
|          | 23:45    | 47°24,76    | 5°54,7     | 4365      | 4387      | 11,2        | 183        | 700         | "        | "   | "            | "         | "       | "           | "           | ET ~ 100m; schönes Bild!            |
|          | 00:00    | 47°27,18    | 5°54,66    | 4379      | 4399      | 11,0        | 186,3      | 578         | "        | "   | "            | "         | "       | "           | "           |                                     |



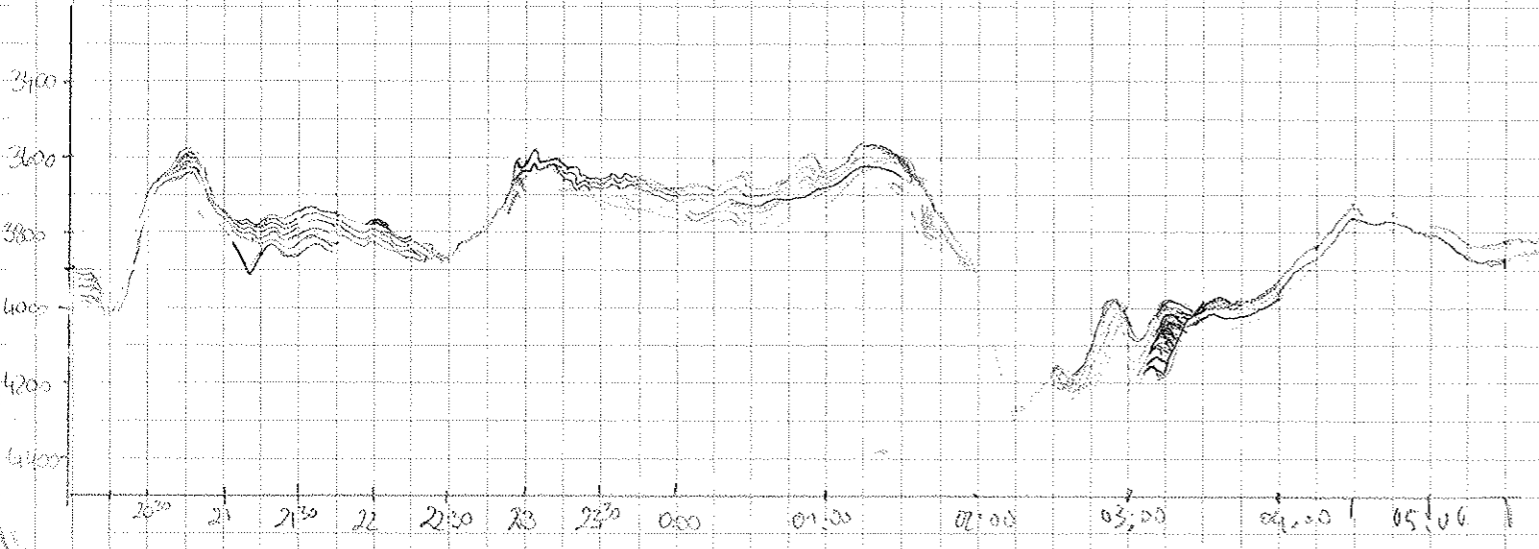
| Datum    | Zeit UTC | Breite E°S | Länge I°E | Tiefe PS | Tiefe H°S | Seetiefe [km] | Kurs [°] | Max. Tmp. [mV] | Freq. PS | Pulse | Record Length | Wkt. State | Tage No. | Deso. Rolle | Wache   | Bemerkungen  |
|----------|----------|------------|-----------|----------|-----------|---------------|----------|----------------|----------|-------|---------------|------------|----------|-------------|---------|--|
| 14/11.97 | 00:15    | 47°30.4    | 5°54.5    | 4337     | 4363      | 17.0          | 187      | 520            | 4        | 2     | 266           | 0          | 17       | 3           | Portman |  |
|          | :30      | 47°33.0    | 5°54.5    | 4309     | 4325      | 10.7          | 178.9    | 957            | "        | "     | "             | "          | "        | "           | "       | ET > 100m !!   |
|          | :45      | 47°35.9    | 5°54.5    | 3090!    | 4216      | 10.9          | 187.7    | 809            | "        | "     | "             | "          | "        | "           | "       | Parasometrische P  |
| 01:00    | 47°38.7  | 5°54.5     |           | 4192     |           | 10.9          | 180.6    | 172            | "        | "     | "             | "          | "        | "           | "       | - " - , kein Signal  |
|          | :15      | 47°41.5    | 5°54.5    | ↓        | 4351      | 11.7          | 177.1    | 540            | "        | "     | "             | "          | "        | "           | "       | immer noch nicht   |
|          | :30      | 47°44.2    | -         | 4364     | 4384      | 10.7          | 182.7    | 440            | "        | "     | "             | "          | "        | "           | "       | Hey Hey Hey, es gibt wieder was zu machen                                      |
|          | :45      | 47°46.9    | 5°54.3    | 4390     | 4411      | 11.1          | 180.7    | 803            | "        | "     | "             | "          | "        | "           | "       | WAT he Eindringtiefe !! > 150m   |
| 02:00    | 47°49.8  | 5°54.2     | 4397      | 4477     | 11.1      | 179.6         | 400      | "              | "        | "     | "             | "          | "        | "           | "       |  |
|          | :15      | 47°52.6    | 5°54.2    | 4350     | 4375      | 10.7          | 179.6    | 570            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :30      | 47°55.4    | 5°54.3    | 4376     | 4398      | 11.2          | 180.3    | 2650           | "        | "     | "             | "          | "        | "           | "       |  |
|          | :45      | 47°58.0    | -         | 4355     | 4387      | 10.8          | 180.3    | 500            | "        | "     | "             | "          | "        | "           | "       |  |
| 03:00    | 48°00.9  | 5°54.2     | 4350      | 4368     | 11.0      | 183.6         | 275      | "              | "        | "     | "             | "          | "        | "           | "       | ganz aus der Tiefe kommt wieder was  |
|          | :15      | 48°04.7    | 5°54.1    | 4295     | 4309      | 10.9          | 180.2    | 1000           | "        | "     | "             | "          | "        | "           | "       | ET > 60m   |
|          | :30      | 48°06.4    | 5°54.1    | 4157     | 4183      | 11.0          | 180.7    | 1000           | "        | "     | "             | "          | "        | "           | "       |  |
|          | :45      | 48°09.1    | 5°53.9    | 3977     | 4007      | 10.9          | 184.3    | 420            | "        | "     | "             | "          | "        | "           | "       |  |
| 04:00    | 48°12.0  |            | 538       | 3959     | 3979      | 11.0          | 182      | 900            | "        | "     | "             | "          | "        | "           | Dark    | 2 st. Reflektoren (Keram. + ca 25m Tiefe)                                      |
|          | :15      | 14.5       | 538       | 3984     | 4011      | 10.9          | 180      | 500            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :30      | 17.5       | 53.7      | 4040     | 4063      | 11.3          | 183      | 300            | "        | "     | "             | "          | "        | "           | "       | starker Reflektor ca 30 m Tiefe  |
|          | :45      | 20.1       | 53.7      | 3944     | 3900      | 11.5          | 179      | 900            | "        | "     | "             | "          | "        | "           | "       | falsche PS-Tiefe   |
| 05:00    | 23.0     | 53.7       |           | 3670     |           | 11.6          | 179      | 700            | "        | "     | "             | "          | "        | "           | "       | 3 Stk st. Reflektoren, die nicht parallel verlaufen, sind über 400m ET ~ 180m! |
|          | :15      | 26.0       | 53.7      | 3669     | 3685      | 11.6          | 179      | 850            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :30      | 28.6       | 53.7      | 3691     | 3707      | 11.4          | 181      | 600            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :45      | 31.8       | 53.6      | 3694     | 3716      | 11.7          | 182      | 1200           | "        | "     | "             | "          | "        | "           | "       |  |
| 06:00    | 34.5     | 53.6       | 2501      | 2523     | 11.3      | 180           | 300      | "              | "        | "     | "             | "          | 18       | "           | "       | 05.54 Tupperdeckel 17-18   |
|          | :15      | 37.4       | 53.4      | 2892     | 2908      | 11.2          | 181      | 600            | "        | "     | "             | "          | "        | "           | "       | falsche PS-Tiefe → Bridge  |
|          | :30      | 41.8       | 53.3      |          | 3507      | 11.6          | 180      | 600            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :45      | 43.5       | 53.3      |          | 3800      | 10.5          | 180      | 1100           | "        | "     | "             | "          | "        | "           | "       |  |
| 07:00    | 46.0     | 53.4       |           | 3783     |           | 10.9          | 182      | 1700           | "        | "     | "             | "          | "        | "           | "       |  |
|          | :15      | 48.4       | 53.3      |          | 3838      | 11.7          | 182      | 1750           | "        | "     | "             | "          | "        | "           | "       | 200m Einbürgerung!   |
|          | :30      | 51.8       | 53.2      |          | 3741      | 11.5          | 179      | 3150           | "        | "     | "             | "          | "        | "           | "       | immer noch falsche PS-Tiefe  |
|          | :45      | 54.6       | 53.2      | 4090     | 4103      | 11.4          | 180      | 900            | "        | "     | "             | "          | "        | "           | "       | PS-Tiefe 0m ET ~ 15m   |
| 08:00    | 48°57.28 | 5°53.2     | 3753      | 3766     | 11.3      | 181           | 1000     | "              | "        | "     | "             | "          | "        | "           | "       | Wirk Pulse PS-Tiefe  |
|          | :15      | 49°00      | 5°53.1    | 3677     | 3714      | 11.4          | 182.7    | 350            | "        | "     | "             | "          | "        | "           | "       | 08:10 PS-Messpunkt   |
|          | :30      | 49°02.9    | 5°53.0    | 3620     | 3638      | 11.5          | 183.2    | 700            | "        | "     | "             | "          | "        | "           | "       | ET ~ 25m   |
|          | :45      | 49°06      | 5°52.7    | 3673     | 3695      | 11.5          | 183.4    | 600            | "        | "     | "             | "          | "        | "           | "       |  |
| 09:00    | 49°08.8  | 5°52.5     | 3746      | 3762     | 11.1      | 183.0         | 1400     | "              | "        | "     | "             | "          | "        | "           | "       |  |
|          | :15      | 49°11.5    | 5°52.3    | 3818     | 3835      | 11.2          | 184      | 500            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :30      | 49°14.4    | 5°52.4    | 3763     | 3783      | 11.2          | 178      | 700            | "        | "     | "             | "          | "        | "           | "       |  |
|          | :45      | 49°17.2    | 5°52.5    | 3752     | 3777      | 11.1          | 178      | 1000           | "        | "     | "             | "          | "        | "           | "       | ET ~ 150   |
| 10:00    | 49°19.8  | 5°52.6     | 3725.5    | 3745.0   | 10.8      | 180.8         | 1230.6   | "              | "        | "     | "             | "          | "        | "           | Schwarz | ET bis 200m!   |



| Datum  | Zeit UTC | Breite      | Länge      | Tiefe PS | Tiefe HS | Geschw. [kn] | Kurs [°] | max. Ampl. [mV] | Freq. | Pulse | Record length | Wait. time | Tape No. | Peri. rolle | Wache  | Bemerkungen   |
|--------|----------|-------------|------------|----------|----------|--------------|----------|-----------------|-------|-------|---------------|------------|----------|-------------|--------|---|
| M/M/57 | 10:15    | 48° 22' 6.5 | 5° 52' 6.4 | 3403.4   | 3725.0   | 11.0         | 180.4    | 1129.4          | 4     | 2     | 266           | 0          | 18       | 3           | Sturte |   |
|        | 10:30    | 25.12       | 51.35      | 3613.0   | 3687.0   | 10.0         | 181.0    | 1245.8          | "     | "     | "             | "          | "        | "           | "      |   |
|        | 10:45    | 22.88       | 57.82      | 3638.3   | 3658.0   | 11.2         | 133.4    | 1002.6          | "     | "     | "             | "          | "        | "           | "      |   |
|        | 11:00    | 48° 30' 6.4 | 52' 29     | 3615.8   | 3635.0   | 11.4         | 133.7    | 1186.6          | "     | "     | "             | "          | "        | "           | "      |   |
|        | :15      | 23.38       | 52' 22     | 3573.1   | 3600.1   | 10.9         | 115.2    | 855.6           | "     | "     | "             | "          | "        | "           | "      |   |
|        | :30      | 36.22       | 52' 6.4    | 3502.6   | 3522.0   | 11.2         | 183.8    | 1465.6          | "     | "     | "             | "          | "        | "           | "      |   |
|        | :45      | 38.88       | 52.32      | 3522.6   | 3522.0   | 11.2         | 18.8     | 200.5           | "     | "     | "             | "          | "        | "           | "      |   |
|        | 12:00    | 41.8        | 52.0       | 3439     | 3466     | 11.4         | 184      | 600             | "     | "     | "             | "          | "        | 4           | Peluse | steile Bänke in mächtigen Sedimentlagen                                   |
|        | :15      | 44.6        | 52.0       | 3596     | 3610     | 11.5         | 179      | 800             | "     | "     | "             | "          | "        | "           | "      | Rücken gelber   |
|        | :30      | 47.4        | 52.2       | 3549     | 3566     | 11.4         | 176      | 1300            | "     | "     | "             | "          | 19       | "           | "      | flaches Tiefbecken ET > 150m  |
|        | :45      | 50.4        | 52.3       | 3555     | 3573     | 11.4         | 180      | 1700            | "     | "     | "             | "          | "        | "           | "      | dicker Sedimentpack   |
|        | 13:00    |             |            |          |          |              |          |                 | "     | "     | "             | "          | "        | "           | "      | PS Abitur PARADIGMA   |
|        | :15      | 44° 56.1    | 5° 52.0    | 3610     | 3634     | 10.1         | 180      | 1700            | "     | "     | "             | "          | 20       | "           | Wache  | Keine PS-Tiefe → PARADIGMA  |
|        | :30      | 57.6        | 52.0       | 3651     | 3674     | 5.6          | 187      | 600             | 4     | 7     | 266           | 0          | "        | "           | "      | → Mündung PS  |
|        | 13:39    | 49° 58.4    | 5° 51.94   | 3582     | 3661     | 4.7          | 186      | 3600            | X     | X     | "             | "          | "        | "           | "      | 13:26 Aufahrt 150-60  |
|        | 14:14    | 49° 58.00   | 5° 51.87   | 3653     | 3674     | 1.5          | 357      | 600             | 4     | 2     | 266           | 0          | 20       | 3           | "      | Beginn Frequenztest 13:39   |
|        | 14:30    | 49° 58.11   | 5° 51.9    | 3656     | 3678     | 5.9          | 171      | 486             | "     | "     | "             | "          | "        | "           | "      | Durchwandern mit dem Druck  |
|        | 14:45    | 49° 59.5    | 5° 51.7    | 3673     | 3697     | 5.7          | 185      | 590             | "     | "     | "             | "          | "        | "           | "      | Friedhoff / Table rissen Fault,   |
|        | 15:00    | 49° 59.2    | 5° 50.2    | 3653     | 3680     | 6.2          | 311      | 1173            | "     | "     | "             | "          | "        | "           | "      | 14:14 Ende Frequenztest   |
|        | 15:15    | 49° 58.6    | 5° 50.1    | 3641     | 3660     | 6.8          | 93       | 665             | "     | "     | "             | "          | "        | "           | "      |   |
|        | 15:30    | 49° 58.6    | 5° 52.2    | 3666     | 3689     | 5.6          | 95       | 608             | "     | "     | "             | "          | "        | "           | "      |   |
|        | 15:45    | 49° 59.2    | 5° 54.2    | 3681     | 3703     | 10.3         | 153      | 650             | "     | "     | "             | "          | "        | "           | "      | Seit 15:24, Tabledruck  |
|        | 16:00    | 50° 01.6    | 5° 56.1    | 3723     | 3745     | 12.1         | 152      | 800             | "     | "     | "             | "          | "        | "           | "      | " von selbst" wieder normal   |
|        | 16:15    | 50° 04.1    | 5° 58.1    | 3763     | 3786     | 11.5         | 153      | 706             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 16:30    | 50° 06.65   | 6° 00.37   | 3789     | 3812     | 11.9         | 148      | 751             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 16:45    | 50° 09.22   | 6° 02.49   | 3805     | 3828     | 11.7         | 149      | 914             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 17:00    | 50° 11.84   | 6° 04.99   | 3845     | 3867     | 12.1         | 152      | 838             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 17:15    | 50° 14.53   | 6° 07.22   | 3948     | 3969     | 12.3         | 153      | 941             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 17:30    | 50° 17.21   | 6° 09.53   | 4033     | 4043     | 12.2         | 150      | 1670            | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 17:45    | 50° 19.91   | 6° 11.90   | 3910     | 3931     | 12.3         | 149      | 776             | "     | "     | "             | "          | "        | "           | "      | Barbara   |
|        | 18:00    | 50° 22.53   | 6° 14.11   | 3825     | 3821     | 11.9         | 155      | 400             | "     | "     | "             | "          | "        | "           | "      | Heeschem  |
|        | 18:15    | 50° 25.21   | 6° 16.13   | 3351     | 3396     | 12.0         | 153      | 700             | "     | "     | "             | "          | "        | "           | "      | "   |
|        | 18:30    | 50° 27.95   | 6° 18.19   | 0        | 3771     | 12.1         | 155      | 500             | "     | "     | "             | "          | "        | "           | "      | "   |
|        | 18:45    | 50° 30.63   | 6° 20.36   | 0        | 4346     | 11.7         | 150      | 500             | "     | "     | "             | "          | "        | "           | "      | "   |
|        | 19:00    | 50° 33.26   | 6° 22.81   | 4370     | 4387     | 11.9         | 149      | 1600            | "     | "     | "             | "          | "        | "           | "      | 19:05 → 150m Eindringtiefe  |
|        | 19:15    | 50° 35.69   | 6° 25.11   | 4262     | 4273     | 12.0         | 148      | 1300            | "     | "     | "             | "          | "        | "           | "      | "   |
|        | 19:30    | 50° 38.27   | 6° 27.49   | 4196     | 4191     | 11.8         | 150      | 1130            | "     | "     | "             | "          | "        | "           | "      | "   |
|        | 19:45    | 50° 40.96   | 6° 29.74   | 4076     | 4097     | 11.9         | 150      | 800             | "     | "     | "             | "          | 21       | "           | "      | 19:48 Parasound kurz ausgeschaltet  |
|        | 20:00    | 50° 43.29   | 6° 31.88   | 3904     | 3924     | 11.6         | 153      | 600             | "     | "     | "             | "          | "        | "           | "      | Tiefe bei Deso läuft kontinuierlich, bei Parasound ausgeblieben bei 4156m |



| DATUM    | ZEIT UTC | BREITE   | LÄNGE    | TIEFE PS | TIEFE HS | GESCHU [km] | KURS [°] | MAX AMPL. [mV] | FREQ | PULS | RECORD LENGTH | WAIT TIME | TAPE No | DESO ROLLE | WACHE   | BEMERKUNGEN                       |
|----------|----------|----------|----------|----------|----------|-------------|----------|----------------|------|------|---------------|-----------|---------|------------|---------|-----------------------------------|
| 14.11.   | 20:15    | 50°45,22 | 6°34,02  | 4038     | 4023     | 11,3        | 153      | 714            | 4    | 2    | 266           | 0         | 21      | 3          | Babeke  |                                   |
|          | 20:30    | 50°48,30 | 6°36,08  | 3689     | 3703     | 11,3        | 153      | 1446           | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | 20:45    | 50°50,78 | 6°38,14  | 3576     | 3575     | 11,1        | 154      | 226            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | 21:00    | 50°53,16 | 6°40,19  | 3743     | 3762     | 11,0        | 149      | 534            | "    | "    | "             | "         | "       | "          | "       | 21:08 v-förmiges Reflektor        |
|          | 21:15    | 50°55,56 | 6°42,40  | 3786     | 3782     | 11,0        | 152      | 700            | "    | "    | "             | "         | "       | "          | "       | im tiefen Untergrund,             |
|          | 21:30    | 50°57,99 | 6°44,54  | 3765     | 3783     | 11,5        | 151      | 500            | "    | "    | "             | "         | "       | "          | "       | (~150m)                           |
|          | 21:45    | 51°00,43 | 6°46,51  | 3755     | 3777     | 11,3        | 152      | 900            | "    | "    | "             | "         | "       | "          | "       | ET > 150m                         |
|          | 22:00    | 51°02,81 | 6°48,464 | 3780     | 3771     | 10,9        | 155      | 350            | "    | "    | "             | "         | "       | "          | "       |                                   |
| 14.11.   | 22:15    | 51°05,27 | 6°50,78  | 3824     | 3841     | 11,0        | 147,6    | 668,8          | "    | "    | "             | "         | "       | "          | Dense   | 22:20 von ET ~ 10m                |
|          | 22:30    | 51°07,70 | 6°53,02  | 3849     | 3874     | 11,2        | 153,5    | 987,5          | "    | "    | "             | "         | "       | "          | "       | auf ~ 25m keine Schichtung        |
|          | 22:45    | 51°10,14 | 6°55,07  | 3756     | 3788     | 11,2        | 153,4    | 509            | "    | "    | "             | "         | "       | "          | "       | PS Tiefe zwischen durch           |
|          | 23:00    | 51°12,60 | 6°57,10  | 2579     | 3600     | 11,0        | 152,0    | 972,5          | "    | "    | "             | "         | "       | "          | "       | für kurze Zeit ausgefallen        |
|          | 23:15    | 51°15,04 | 6°59,25  | 3587     | 3608     | 11,2        | 152,2    | 321,9          | "    | "    | "             | "         | "       | "          | "       | 23:30 → ET ~ 10m                  |
|          | 23:30    | 51°17,46 | 7°01,38  | 3654     | 3672     | 11,0        | 153,3    | 948,8          | "    | "    | "             | "         | "       | "          | "       | keine deutl. Refl. mehr           |
|          | 23:45    | 51°19,87 | 7°03,57  | 3637     | 3663     | 11,6        | 151,7    | 804            | "    | "    | "             | "         | "       | "          | "       | 23:48 → ET > 75m wieder           |
| 15/11/97 | 00:00    | 51°22,8  | 7°05,9   | 3659     | 3681     | 11,1        | 151,1    | 1150           | "    | "    | "             | "         | "       | "          | Porthun | Refle. 12 deutl. Refl.            |
|          | :15      | 51°24,8  | 7°07,85  | 3660     | 3685     | 11,3        | 151,0    | 675            | "    | "    | "             | "         | "       | "          | "       | so kann's ruhig weitergehen       |
|          | :30      | 51°27,3  | 7°10,1   | 3686     | 3665     | 11,6        | 151,8    | 800            | "    | "    | "             | "         | "       | "          | "       | Super ET                          |
|          | :45      | 51°29,8  | 7°12,3   | 3632     | 3662     | 11,6        | 150,4    | 300            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | 01:00    | 51°32,4  | 7°14,5   | 3670     | 3633     | 11,6        | 149,1    | 500            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :15      | 51°34,9  | 7°16,8   | 3567     | 3588     | 11,2        | 150      | 1000           | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :30      | 51°37,4  | 7°18,2   | 3588     | 3606     | 11,3        | 152,3    | 1700           | "    | "    | "             | "         | "       | "          | "       | Schöne Struktur                   |
|          | :45      | 51°39,8  | 7°21,2   | 3745     | 3764     | 11,8        | 150      | 970            | "    | "    | "             | "         | "       | "          | "       | ups, jetzt geht runter            |
|          | 02:00    | 51°42,3  | 7°23,5   | 3909     | 3928     | 11,9        | 151,8    | 1000           | "    | "    | "             | "         | 22      | "          | "       | 1:56 REWIND, TAPLECH 1/1          |
|          | :15      | 51°44,9  | 7°25,5   | 3560?    | 4348     | 12,0        | 152,0    | 270            | "    | "    | "             | "         | "       | "          | "       | PS-Tiefe !!!                      |
|          | :30      | 51°47,7  | 7°28,0   | 3560?    | 4209     | 11,8        | 150,0    | 1300           | "    | "    | "             | "         | "       | "          | "       | PS-Tiefe !!                       |
|          | :45      | 51°50,2  | 7°30,3   | 4777     | 4726     | 11,6        | 152,1    | 450            | "    | "    | "             | "         | "       | "          | "       | Endlich nur PS-T. ET > 120m       |
|          | 03:00    | 51°52,8  | 7°32,6   | 4672     | 4099     | 11,7        | 151,9    | 760            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :15      | 51°55,4  | 7°34,9   | 3950     | 3981     | 11,8        | 151,5    | 500            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :30      | 51°57,9  | 7°37,1   | 3972     | 3989     | 11,5        | 152,5    | 355            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :45      | 52°00,5  | 7°39,4   | 3981     | 3949     | 11,5        | 150,6    | 970            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | 04:00    | 52°02,9  | 7°41,6   | 3940     | 3925     | 12,3        | 149,6    | 501            | "    | "    | "             | "         | "       | "          | "       | Faira Sound                       |
|          | :15      | 05,7     | 44,0     | 3830     | 3835     | 11,7        | 153      | 1200           | "    | "    | "             | "         | "       | "          | Unklar  | Starker Reflektor i ca 100m Tiefe |
|          | :30      | 08,3     | 46,3     | 3709     | 3730     | 11,7        | 153      | 300            | "    | "    | "             | "         | "       | "          | "       | unklar                            |
|          | :45      | 11,1     | 48,7     | 3793     | 3793     | 11,7        | 153      | 900            | "    | "    | "             | "         | "       | "          | "       | Faira PS-Tiefe ET > 70m           |
|          | 05:00    | 13,6     | 50,8     | 3795     | 3813     | 11,4        | 152      | 700            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :15      | 16,1     | 53,1     | 3850     | 3874     | 11,8        | 156      | 250            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :30      | 18,7     | 55,4     | 3873     | 3873     | 12,2        | 151      | 600            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | :45      | 21,6     | 58,0     | 3813     | 3833     | 12,0        | 150      | 600            | "    | "    | "             | "         | "       | "          | "       |                                   |
|          | 05:05    | 24,9     | 60,3     | 3562     | 3573     | 12,6        | 148      | 1000           | "    | "    | "             | "         | "       | "          | "       |                                   |



| Datum    | Zeit UTC | Breite (°S)     | Länge (°E)      | Tiefe PS [m] | Tiefe HS [m] | Gradient [km] | Kurs [°] | Max Amp. [mV] | Freq. PS | Pulsae | Receiv. Length | Receiv. Rate | Tape No | Pos. Roll | Wache |
|----------|----------|-----------------|-----------------|--------------|--------------|---------------|----------|---------------|----------|--------|----------------|--------------|---------|-----------|-------|
| 15/11/97 | 06:15    | 52°26,5         | 8°02,9          | 3576         | 3662         | 12,3          | 152      | 300           | 4        | 2      | 266            | 0            | 22      | 3         | Unbek |
|          | 1:30     | 27,3            | 05,2            | —            | 3870         | 12,7          | 152      | —             | "        | "      | "              | "            | "       | "         | "     |
|          | 1:45     | 31,8            | 07,4            | 3752         | 3791         | 12,3          | 153      | 250           | "        | "      | "              | "            | "       | "         | "     |
|          | 07:00    | 34,7            | 09,8            | 3552         | 3573         | 12,4          | 153      | 540           | "        | "      | "              | "            | "       | "         | "     |
|          | 1:15     | 37,5            | 12,2            | —            | 3718         | 12,7          | 149      | 400           | "        | "      | "              | "            | "       | "         | "     |
|          | 1:30     | 40,2            | 14,8            | —            | 3672         | 12,9          | 150      | 400           | "        | "      | "              | "            | "       | "         | "     |
|          | 1:45     | 42,8            | 17,4            | —            | 3580         | 12,4          | 152,5    | 3300          | "        | "      | "              | "            | "       | "         | Stark |
|          | 08:00    | 45,62           | 19,45           | 32814        | 32660        | 12,0          | 150,8    | 5638          | "        | "      | "              | "            | "       | "         | "     |
|          | 15       | 48,21           | 21,76           | 31524        | 31700        | 11,8          | 152,5    | 4888          | "        | "      | "              | "            | "       | "         | "     |
|          | 30       | 51,38           | 24,12           | 21680        | 20500        | 11,7          | 157,7    | 3263          | "        | "      | "              | "            | "       | "         | "     |
|          | 45       | 53,38           | 26,57           | 21390        | 22180        | 11,2          | 152,6    | 255           | "        | "      | "              | "            | "       | "         | "     |
|          | 09:00    | 55,82           | 28,87           | 20441        | 20530        | 11,6          | 150,2    | 700           | "        | "      | "              | "            | "       | "         | "     |
|          | 15       | 58,58           | 31,62           | 20088        | 20440        | 12,2          | 150,3    | 1000          | "        | "      | "              | "            | "       | "         | "     |
|          | 30       | 53°01,22        | 33,52           | 2914         | 30500        | 12,7          | 151,5    | 500           | "        | "      | "              | "            | "       | "         | "     |
|          | 45       | 03,50           | 36,48           | 29557        | 29820        | 12,0          | 150,8    | 500           | "        | "      | "              | "            | "       | "         | "     |
|          | 10:00    | 53°07,1         | 38,2            | 3378         | 3387         | 12,0          | 152      | 977           | "        | "      | "              | "            | "       | "         | Leite |
|          | 10:15    | 53°09,1         | 38,9            | 3269         | 3289         | 11,7          | 152      | 738           | "        | "      | "              | "            | "       | "         | "     |
|          | 10:30    | 53°12,0         | 39,5            | 3347         | 3363         | 11,6          | 149      | 520           | "        | "      | "              | "            | "       | "         | "     |
|          | 10:45    | 53°14,3         | 39,5            | 3418         | 3454         | 11,8          | 153      | 662           | "        | "      | "              | "            | "       | "         | "     |
|          | 11:00    | 53°16,9         | 39,1            | 3494         | 3227         | 11,8          | 148      | 191           | "        | "      | "              | "            | "       | "         | "     |
|          | 11:15    | 53°19,5         | 39,6            | 3027         | 3052         | 11,6          | 151      | 324           | "        | "      | "              | "            | "       | "         | "     |
|          | 11:30    | 53°22,1         | 39,0            | 2183         | 2135         | 11,4          | 150      | 350           | "        | "      | "              | "            | "       | "         | "     |
|          | 11:45    | 53°24,5         | 39,2            | 3416         | 3521         | 11,5          | 155      | 265           | "        | "      | "              | "            | "       | "         | "     |
|          | 12:00    | 53°27,1         | 39,4            | 4688         | 4878         | 11,8          | 147      | 793           | "        | "      | "              | "            | "       | "         | "     |
|          | 15       | 29,0            | 39,0            | 5300         | 5346         | 8,3           | 141      | 240           | "        | "      | "              | "            | "       | "         | "     |
|          | 30       | 30,0            | 39,9            | 5505         | 5516         | 1,0           | 279      | 1000          | "        | "      | "              | "            | "       | "         | "     |
|          | 45       | 29,6            | 39,1            | 5525         | 5471         | 7,5           | 44       | 1000          | "        | "      | "              | "            | "       | "         | "     |
|          | 13:00    | 28,6            | 39,7            | 5219         | 5252         | 7,6           | 266      | 1200          | "        | "      | "              | "            | "       | "         | "     |
|          | 15       | 28,5            | 39,0            | 5214         | 5254         | 1,0           | 84       | 1100          | 4        | 2      | 266            | 120          | 23      | 3         | "     |
|          | 13:30    | <del>28,8</del> | <del>39,8</del> |              |              |               |          |               |          |        |                |              |         |           |       |

Tapewechsel 22 - 23

NBS / 1 und Auto-5MAN  
 Seine richtige PS-Frequenz  
 12:13 wieder Parasound tiefe  
 Depth range auf 10000m!  
 Depth gate auf >500m  
 Gain unter 1000  
 PS 47-031 ab 12:30  
 PARADIGMA ausgegeben!

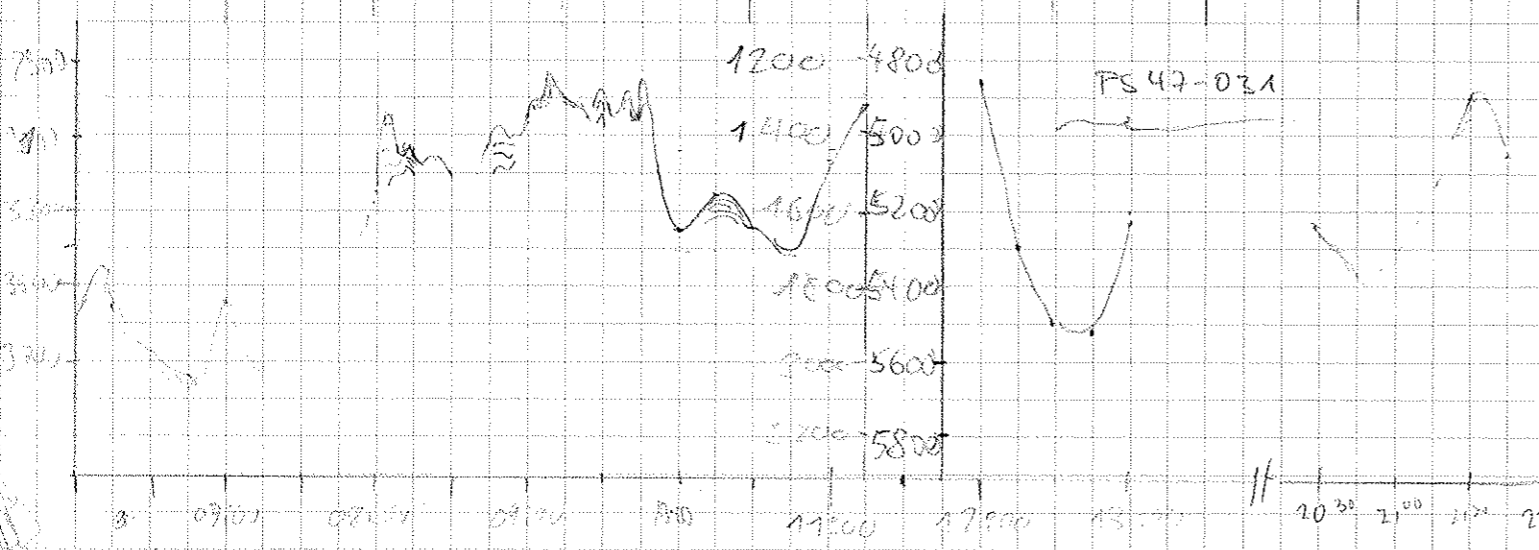
PS ausgegeben! hat weg,  
 PS 4731

PS is back!

Hang sehr schwach, zuviel kein Signal

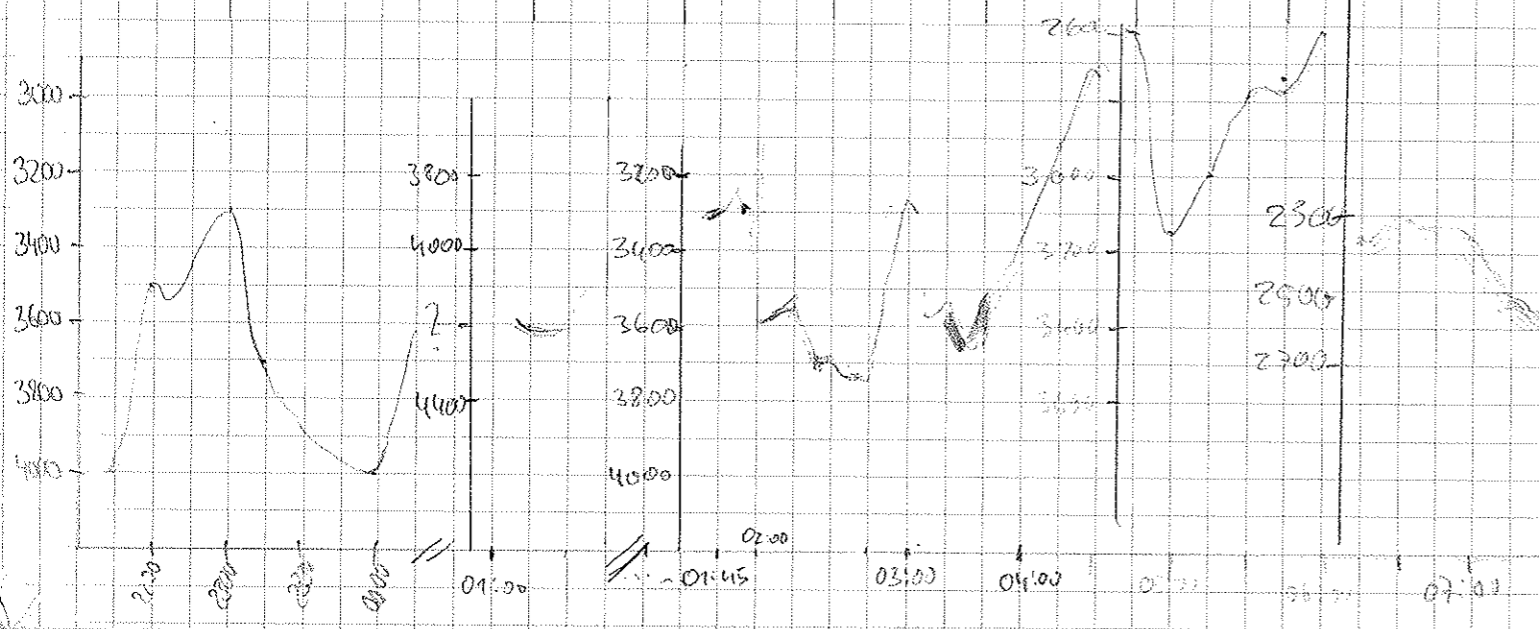
ET ~ 20m

Petersen extrem starker Hang!

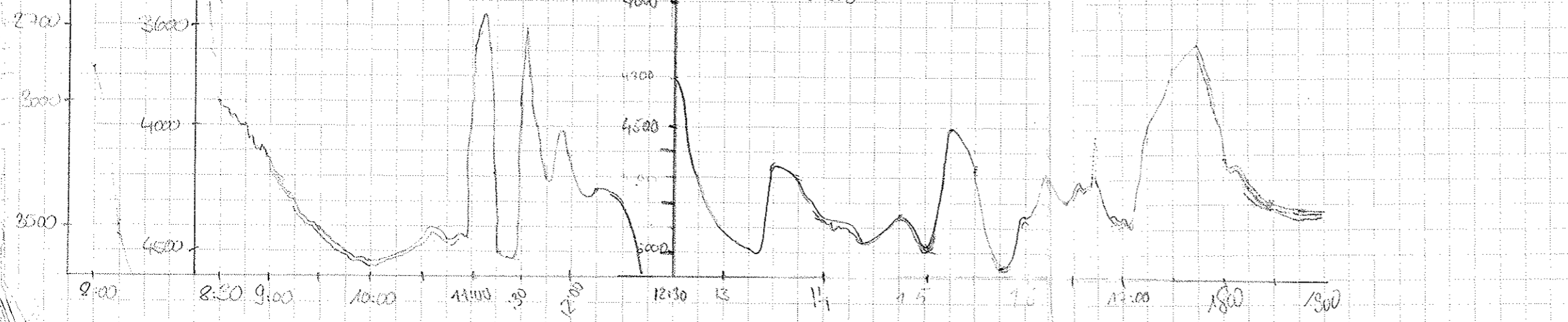


1) 197 nm

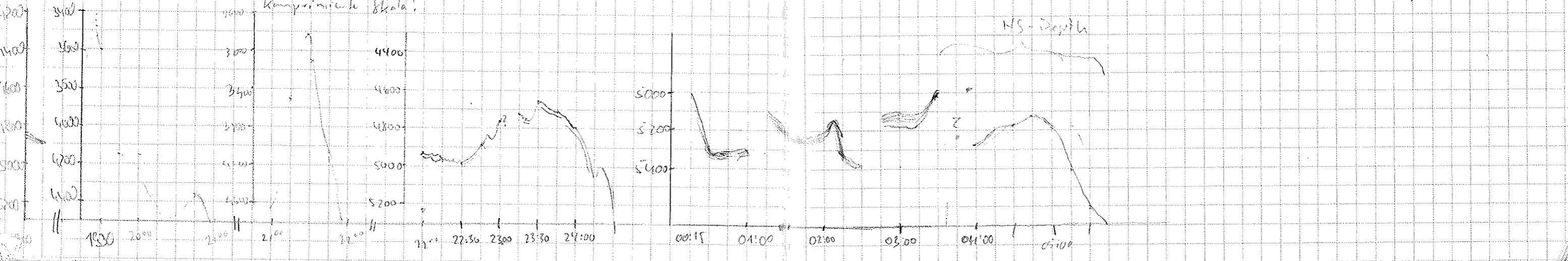
| Zeit UTC | Breite [°S] | Länge [°E] | Tiefe PS [m] | Tiefe HS [m] | Seichtentiefe [m] | Kurs [°] | Fmp. max [mV] | Freq. PS | Pulse | Record Length | Wart. Time | Page No | Dose Rolle | Vache    | Bemerkung                              |
|----------|-------------|------------|--------------|--------------|-------------------|----------|---------------|----------|-------|---------------|------------|---------|------------|----------|--|
| 15/11/97 |             |            |              |              |                   |          |               |          |       |               |            |         |            |          |  |
| 22:15    | 53°45.2     | 8°46.8     | 3977         | 4043         | 11.4              | 206      | 400           | 4        | 2     | 266           | 0          | 24      |            | Petersen | Auf Idlinie entlang steilem Hang       |
| :30      | 47.8        | 44.8       | 3538         | 3565         | 11.4              | 205      | 300           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 50.5        | 42.7       | 3539         | 3559         | 11.0              | 204      | 500           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 23:00    | 52.9        | 40.9       | 3377         | 3422         | 11.5              | 203      | 400           | "        | "     | "             | "          | "       | "          | "        | Ostflanke der Frachtre Zone            |
| :15      | 55.5        | 38.9       | 3765         | 3801         | 11.3              | 206      | 300           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :30      |             |            |              |              |                   |          |               |          |       |               |            |         |            |          |  |
| :45      | 59°00.5     | 8°34.7     | 4235         | 4254         | 11.2              | 205      | 800           | "        | "     | "             | "          | "       | "          | "        | flach area ET n 20m                    |
| 16/11/97 |             |            |              |              |                   |          |               |          |       |               |            |         |            |          |  |
| 20:00    | 03.3        | 32.6       | 3993         | 4015         | 11.2              | 203      | 500           | "        | "     | "             | "          | "       | "          | "        | neue Farbe im Farbdrucker              |
| :15      | 54°05.8     | 8°30.8     | 3500         | 3657         | 11.4              | 203      | 250           | "        | "     | "             | "          | "       | "          | Pottchen |  |
| :30      | 54°08.4     | 8°28.8     | 3608         | 3623         | 11.5              | 206.8    | 205           | "        | "     | "             | "          | "       | "          | "        |  |
| :45      | 54°10.9     | 8°26.5     | 3500         | 3539         | 11.2              | 208.0    | 1910          | "        | "     | "             | "          | "       | "          | "        | Kern-Signal zurück                     |
| 01:00    | 54°13.4     | 8°24.5     | ?            | 4073         | 11.5              | 203.0    | 100           | "        | "     | "             | "          | "       | "          | "        | pünktlich zum aufbrechen wieder Signal |
| :15      | 54°16.1     | 8°22.5     | 4377         | 4338         | 11.5              | 203.3    | 475           | "        | "     | "             | "          | "       | "          | "        | oder doch nicht? wieder kein Signal    |
| :30      | 54°18.6     | 8°20.7     | 3250         | 4039         | 11.7              | 203.8    | 300           | "        | "     | "             | "          | "       | "          | "        | endlich wieder was zu machen           |
| :45      | 54°21.5     | 8°18.5     | 3298         | 3288         | 11.5              | 203.8    | 1000          | "        | "     | "             | "          | "       | "          | "        | schon wieder mit                       |
| 02:00    | 54°24.0     | 8°16.6     | 3187         | 3284         | 11.4              | 203.4    | 250           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :15      | 54°26.6     | 8°14.6     | 3577         | 3500         | 11.7              | 206.5    | 1500          | "        | "     | "             | "          | "       | "          | "        | hat kein Zickel-Zackel                 |
| :30      | 54°29.3     | 8°12.4     | 3850         | 3700         | 11.9              | 201.6    | 250           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 54°31.9     | 8°10.5     | 3600         | 3688         | 11.6              | 206.2    | 180           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 03:00    | 54°34.4     | 8°08.3     | 3317         | 3341         | 11.7              | 205.8    | 270           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :15      | 54°37.1     | 8°06.1     | 3531         | 3518         | 11.8              | 206.0    | 350           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :30      | 54°39.6     | 8°03.8     | 3535         | 3620         | 11.9              | 205.9    | 566           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 54°42.4     | 8°01.9     | 3505         | 3524         | 11.8              | 202.6    | 705           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 04:00    | 54°45.0     | 8°00       | 3448         | 3448         | 11.6              | 205      | 500           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :15      | 54°47.5     | 7°57.9     | 3176         | 3114         | 11.6              | 203.4    | 1115          | "        | "     | "             | "          | 25      | "          | "        | 06:12 RECUMIA, TAPE WECHSEL            |
| :30      | 54°50.2     | 7°55.8     | 3002         | 3095         | 11.9              | 205.4    | 225           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 57.6        | 59.0       | 2580         | 2608         | 11.5              | 207      | 250           | "        | "     | "             | "          | "       | "          | "        | Unter?                                 |
| 05:00    | 55.4        | 51.7       | 3185         | 3139         | 11.2              | 205      | 250           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :15      | 53.1        | 44.5       | 3285         | 2944         | 11.5              | 205      | 250           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :30      | 55°00.7     | 47.3       | 2783         | 2945         | 11.8              | 204      | 200           | "        | "     | "             | "          | "       | "          | "        | Kritikनावकल                            |
| :45      | 03.3        | 45.3       | 2623         | 2604         | 11.9              | 205      | 250           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 06:00    | 06.0        | 43.2       |              | 2525         | 11.6              | 205      | 200           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :15      | 08.7        | 41.1       | 2386         | 2380         | 11.8              | 204      | 150           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :30      | 11.1        | 34.2       | 2302         | 2314         | 11.6              | 204      | 150           | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 13.9        | 37.0       | 2314         | 2323         | 11.7              | 204      | 1200          | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 07:00    | 16.6        | 34.9       | 2363         | 2363         | 11.8              | 205      | 1500          | "        | "     | "             | "          | "       | "          | "        | Endlich glatter, ET n 100m             |
| :15      | 19.2        | 32.8       | 2510         | 2418         | 11.9              | 205      | 2000          | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :30      | 21.6        | 30.9       | 2530         | 2535         | 11.3              | 206      | 2000          | "        | "     | "             | "          | "       | "          | "        | "                                      |
| :45      | 24.4        | 28.5       | 2416         | 2416         | 11.6              | 206      | 1000          | "        | "     | "             | "          | "       | "          | "        | "                                      |
| 08:00    | 27.0        | 26.3       | 2344         | 2352         | 11.8              | 207      | 1000          | "        | "     | "             | "          | "       | "          | "        | "                                      |



| Datum  | Zeit UTC | Breite [°S] | Longitude [°E] | Tiefe [m] | Temp. [°C] | Salinität [PSU] | Wind [m/s] | Wasserhöhe [m] | Wind. Richtung | Wind. PS | Wind. Phase | Wind. Höhe | Wind. Phase | Typ | Rolle | Wache  | Bemerkungen                       |
|--------|----------|-------------|----------------|-----------|------------|-----------------|------------|----------------|----------------|----------|-------------|------------|-------------|-----|-------|--------|-----------------------------------|
| 10.11. | 8:15     | 55°29.63    | 7°23.92        | -         | 3490       | 11.7            | 205.7      | 208            |                | 4        | 2           | 103        | 0           | 25  | 4     | Denise |                                   |
|        | 8:30     | 55°32.29    | 7°21.82        | 3885      | 3898       | 11.8            | 208.2      | 606            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 8:45     | 55°34.97    | 7°19.86        | 4050      | 4068       | 11.9            | 202.2      | 774            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 9:00     | 55°37.67    | 7°17.75        | 4123      | 4144       | 11.9            | 205        | 717            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 9:15     | 55°40.42    | 7°15.54        | 4284      | 4294       | 11.9            | 204        | 2115           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 9:30     | 55°42.99    | 7°13.25        | -         | 4424       | 12.1            | 207.2      | 1285           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 9:45     | 55°45.67    | 7°10.84        | 4487      | 4512       | 12.0            | 206.1      | 1336           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 10:00    | 55°48.49    | 7°08.7         | 4535      | 4551       | 12.3            | 201        | 2290           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :15      | 51.1        | 06.8           | 4541      | 4554       | 12.3            | 203        | 1800           |                | "        | "           | "          | "           | "   | "     | "      | Soen                              |
|        | :25      | 53.3        | 05.2           | 4506      | 4529       | 12.2            | 202        | 400            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 56.9        | 02.4           | 4420      | 4467       | 12.1            | 210        | 1000           |                | "        | "           | "          | "           | "   | "     | "      | überfahren kleiner Seamount/Ridge |
|        | 11:00    | 59.4        | 6°59.8         | 4007      | 4122       | 12.0            | 207        | 600            |                | "        | "           | "          | "           | "   | "     | "      | steil Berg hoch                   |
|        | :15      | 56°02.2     | 57.5           | 4199      | 4365       | 12.2            | 202        | 600            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 05.3        | 55.3           | 3900      | 3985       | 12.1            | 202        | 800            |                | "        | "           | "          | "           | "   | "     | "      | nächste Seamount                  |
|        | :45      | 07.8        | 53.5           | 4200      | 4235       | 12.4            | 204        | 600            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 12:00    | 10.6        | 51.2           | 4118      | 4162       | 12.2            | 205        | 600            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 12:15    | 12.5        | 6°48.8         | 4320      | 4250       | 12.2            | 206        | 600            |                | "        | "           | "          | "           | 26  | "     | TORE   | 12:07 Tapwechsel                  |
|        | :30      | 16.72       | 6°46.34        | 4376      | 4408       | 12.2            | 207        | 600            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 19.05       | 6°44           | 4700      | 4667       | 12.4            | 203.4      | 500            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 13:00    | 21.36       | 6°42           | 4830      | 4827       | 12.3            | 206        | 500            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :15      | 24.63       | 6°39           | 4964      | 5023       | 12.4            | 205        | 400            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 27.39       | 6°37           | 4657      | 4730       | 12.2            | 205        | 600            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 30.40       | 6°34           | 4763      | 4801       | 12.6            | 205        | 900            |                | "        | "           | "          | "           | "   | "     | "      | ET ~ 25m Reflektoren!!!           |
|        | 14:00    | 56°33.0     | 6°32.3         | 4894      | 4911       | 12.5            | 204        | 1029           |                | "        | "           | "          | "           | "   | "     | "      | gelbe                             |
|        | :15      | 36.0        | 29.9           | 4883      | 4890       | 12.5            | 203        | 891            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 38.7        | 27.7           | 4133      | 4061       | 12.7            | 205        | 1110           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 41.5        | 25.4           | 4833      | 4844       | 12.6            | 205        | 248            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 15:00    | 44.4        | 22.9           | 4969      | 4986       | 12.5            | 206        | 630            |                | "        | "           | "          | "           | "   | "     | "      | ET ~ 40m Reflektoren              |
|        | :15      | 47.4        | 20.2           | 4583      | 4646       | 12.5            | 205        | 231            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 50.0        | 17.9           | 4674      | 4629       | 12.5            | 206        | 306            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 53.0        | 15.5           | 5095      | 5134       | 12.5            | 201        | 238            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 16:00    | 56°55.79    | 6°13.48        | 4868      | 4887       | 12.6            | 203        | 400            |                | "        | "           | "          | "           | "   | "     | "      | Verfä                             |
|        | :15      | 56°58.65    | 6°11.24        | 4638      | 4678       | 12.3            | 205        | 800            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 57°01.44    | 6°8.80         | 4735      | 4755       | 12.3            | 204        | 500            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 57°04.24    | 6°6.39         | 4725      | 4756       | 12.0            | 205        | 400            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 17:00    | 57°07.01    | 6°03.99        | 4834      | 4854       | 12.2            | 206        | 400            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :15      | 57°09.79    | 6°01.63        | 4494      | 4514       | 12.4            | 205        | 450            |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :30      | 57°12.58    | 5°59.23        | -         | 4225       | 12.8            | 206        | 600            |                | "        | "           | "          | "           | "   | "     | "      | Anke                              |
|        | :45      | 57°15.4     | 5°56.82        | 4468      | 4486       | 12.5            | 207        | 500            |                | "        | "           | "          | "           | "   | "     | "      | Anke                              |
|        | 18:00    | 57°18.23    | 5°54.44        | 4625      | 4648.0     | 12.3            | 205.0      | 500            |                | "        | "           | "          | "           | "   | "     | "      | Anke                              |
|        | :15      | 21.00       | 52.10          | 4705.1    | 4737.0     | 12.3            | 206.1      | 450            |                | "        | "           | "          | "           | 27  | "     | "      | Tapwechsel, No 27 18:02           |
|        | :30      | 21.83       | 48.10          | 4751.7    | 4808.0     | 12.1            | 204.4      | 1200           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | :45      | 26.53       | 41.38          | 4820.1    | 4838.0     | 12.1            | 204.7      | 1700           |                | "        | "           | "          | "           | "   | "     | "      |                                   |
|        | 19:00    | 28.28       | 44.57          | 4844.3    | 4868.0     | 12.3            | 202.8      | 850            |                | "        | "           | "          | "           | "   | "     | "      |                                   |

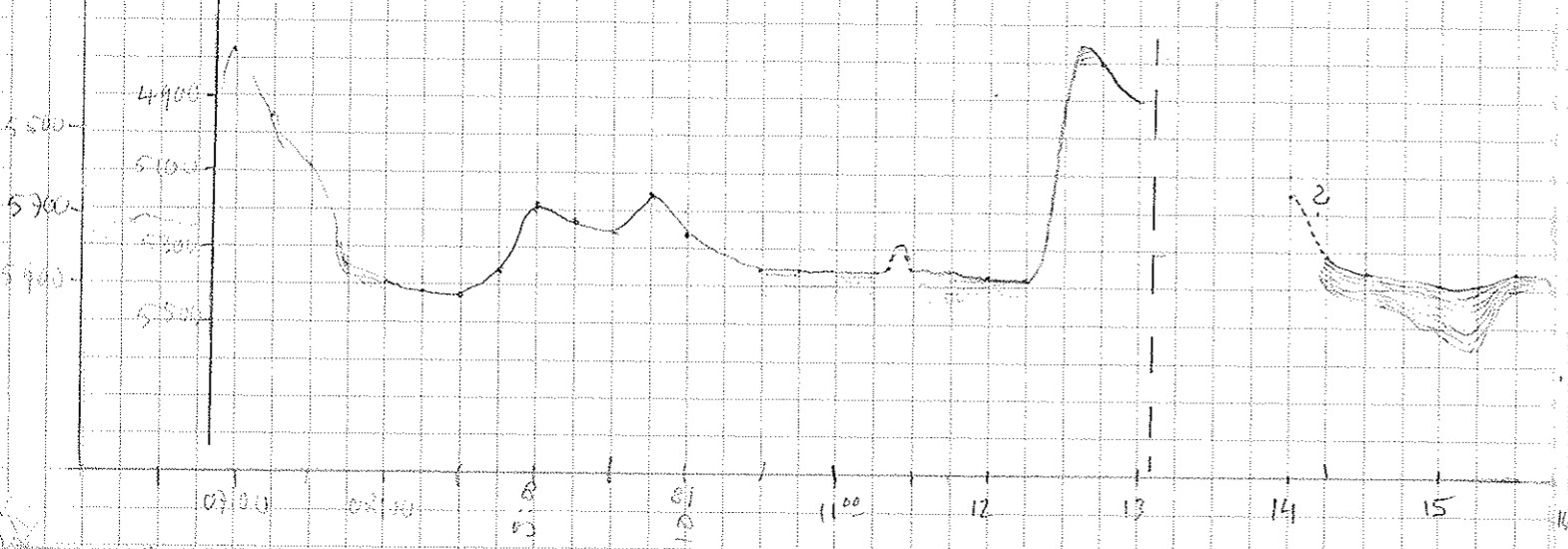


| Datum    | Zeit UTC | Breite 5°ST | Länge 50°E | Tiefe AS km | Tiefe WS km | Geschw. km/h | Umsch. 2° | max Ampl. km | Freq PS | Pulse | Decod. Length | Wait time | Tape No | Deso Folie | Wanne | Bemerkungen    |  |   |
|----------|----------|-------------|------------|-------------|-------------|--------------|-----------|--------------|---------|-------|---------------|-----------|---------|------------|-------|----------------|--|---|
| 16.11.92 | 19:15    | 57°32.08    | 50°42.63   | 4896.6      | 4774.0      | 12.3         | 204.1     | 250          | 4       | 2     | 266           | 0         | 27      | 4          | Wahl  |                |  |   |
|          | :30      | 34.84       | 40.38      | 3589.3      | 3675.0      | 12.1         | 203.6     | 350          | "       | "     | "             | "         | "       | "          | "     | kein Reflektor |  |   |
|          | :45      | 33.53       | 38.16      | 4766.3      | 4234.0      | 11.7         | 172.6     | 210          | "       | "     | "             | "         | "       | "          | "     | Seemann        |  |   |
|          | 20:00    | 57°40.36    | 50°38.68   | -           | 4620.0      | 11.7         | 135.6     | 200          | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 20:15    | 57°42.96    | 50°42.47   | 4704        | 4712        | 12.3         | 130       | 743          | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 20:30    | 57°45.39    | 50°46.40   | -           | 4577        | 11.7         | 104       | 1130         | "       | "     | "             | "         | "       | "          | "     | "              | ET ~ 50m                                 |   |
|          | 20:45    | 57°43.53    | 50°46.37   | 4367        | 4463        | 10.5         | 350       | 469          | "       | "     | "             | "         | "       | "          | "     | "              | weiter Seemann wird eingeholt;           |   |
|          | 21:00    | 57°41.11    | 50°45.75   | 4669        | 4795        | 9.9          | 331       | 242          | "       | "     | "             | "         | "       | "          | "     | "              | ET ~ 20m                                 |   |
|          | 21:15    | 57°38.51    | 50°43.70   | 3514        | 3482        | 9.4          | 354       | 322          | "       | "     | "             | "         | "       | "          | "     | "              | Spitze des Seemanns angefahren, ET ~ 20m |   |
|          | 21:30    | 57°36.39    | 50°44.74   | 3092        | 3122        | 10.6         | 30        | 288          | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 21:45    | 57°34.33    | 50°43.81   | 4010        | 4238        | 10.7         | 40        | 232          | "       | "     | "             | "         | "       | "          | "     | "              | Seemann ist weg                          |   |
|          | 22:00    | 57°33.39    | 50°50.91   | 4023        | 4250        | 11.6         | 168       | 743          | "       | "     | "             | "         | "       | "          | "     | "              | Seemann - Flanke, durch Signal, ET ~ 30m |   |
|          | 22:15    | 57°36.3     | 50°51.0    | 4967        | 4982        | 12.3         | 184       | 500          | "       | "     | "             | "         | "       | "          | "     | "              | ein Reflektor.                           |   |
|          | 22:30    | 57°39.12    | 50°51.4    | 4987        | 4989        | 12.0         | 157       | 700          | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 22:45    | 57°41.7     | 50°53.9    | 4890        | 4910        | 11.8         | 154       | 800          | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 23:00    | 57°44.9     | 50°55      | 4748        | 4776        | 11.7         | 179       | 3008/1000    | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 23:15    | 57°47.7     | 50°54.45   | 4719        | 4732        | 11.9         | 206       | 1000         | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
|          | 23:30    | 57°50.1     | 50°51.6    | 4601        | 4672        | 11.8         | 212       | 280          | "       | "     | "             | "         | "       | "          | "     | "              | 23:20 Reflektor                          |   |
|          | 23:45    | 57°52.6     | 50°48.54   | 4709        | 4726        | 12.7         | 213       | 1000         | "       | "     | "             | "         | "       | "          | "     | "              | ET ~ 20m                                 |   |
|          | 17/11/92 | 00:00       | 57°55.12   | 50°45.63    | 4796        | 4817         | 11.9      | 212          | 1400    | "     | "             | "         | "       | "          | "     | "              | "  |   |
| :15      |          | 57°57.7     | 50°42.5    | 5046        | 5052        | 12.0         | 213       | 640          | "       | "     | "             | "         | 28      | "          | "     | Portulum       | 00:02 RELIMD TAFE WECHSEL                |   |
| :30      |          | 58°00.0     | 50°39.7    | 5500        | 5362        | 12.2         | 214       | 1120         | "       | "     | "             | "         | "       | "          | "     | "              | PS-Tiefe?                                |   |
| :45      |          | 58°02.5     | 50°36.5    | 4500        | 5352        | 11.9         | 213.3     | 1015         | "       | "     | "             | "         | "       | "          | "     | "              | "  |   |
| 01:00    |          | 58°05.07    | 50°32.6    | ?           | 5356        | 12.4         | 212.2     | 1600         | "       | "     | "             | "         | "       | "          | "     | "              | "  | Keine PS-Tiefe f. gute ET               |
| :15      |          | 58°07.7     | 50°30.4    | ?           | 5287        | 11.7         | 213.7     | 400          | "       | "     | "             | "         | "       | "          | "     | "              | "  | Kollision mit Eis und schon kein Signal |
| :30      |          | 58°10.2     | 50°27.4    | ?           | 5175        | 11.8         | 209.4     | 400          | "       | "     | "             | "         | "       | "          | "     | "              | "  | 123 PV - Neustart (PS-Tiefe??)          |
| :45      |          | 58°12.2     | 50°24.4    | ?           | 5243        | 12.3         | 213.0     | 840          | "       | "     | "             | "         | "       | "          | "     | "              | "  | auch ohne PS-Tiefe an echtem Signal     |
| 02:00    |          | 58°15.3     | 50°21.3    | ?           | 5270        | 12.0         | 212.0     | 720          | "       | "     | "             | "         | "       | "          | "     | "              | "  |   |
| :15      |          | 58°17.8     | 50°18.3    | ?           | 5366        | 12.1         | 212.5     | 880          | "       | "     | "             | "         | "       | "          | "     | "              | "  | PS-Tiefe hat immer noch keine Luft      |
| :30      |          | 58°20.3     | 50°15.3    | ?           | 5312        | 12.5         | 210.9     | 1020         | "       | "     | "             | "         | "       | "          | "     | "              | "  |   |
| :45      |          | 58°22.7     | 50°11.3    | ?           | 5791        | 12.4         | 210.1     | 340          | "       | "     | "             | "         | "       | "          | "     | "              | "  | jeder gibt's nicht mal mehr ein Signal  |
| 03:00    |          | 58°25.1     | 50°09.6    | 5098        | 5178        | 11.2         | 219.5     | 850          | "       | "     | "             | "         | "       | "          | "     | "              | "  | alles wieder da                         |
| :15      |          | 58°27.5     | 50°07.3    | ?           | 5771        | 11.6         | 205.4     | 950          | "       | "     | "             | "         | "       | "          | "     | "              | "  | PS-Tiefe wieder weg                     |
| :30      |          | 58°30.2     | 50°04.4    | 4990        | 5008        | 11.6         | 211.1     | 650          | "       | "     | "             | "         | "       | "          | "     | "              | "  |   |
| :45      | 58°32.4  | 50°01.4     | 4662       | 4777        | 11.1        | 213.6        | 600       | "            | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
| 04:00    | 34.8     | 50.5        | -          | 5289        | 11.2        | 214          | 1700      | "            | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
| :30      | 40       | 52.2        | -          | 5186        | 11.1        | 214          | 500       | "            | "       | "     | "             | "         | "       | "          | "     | "              | PS-Tiefe wieder OK                       |   |
| :45      | 41.8     | 49.6        | 5084       | 5110        | 10.5        | 215          | 640       | "            | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
| 05:00    | 43.9     | 46.8        | -          | 5199        | 10.3        | 213          | 700       | "            | "       | "     | "             | "         | "       | "          | "     | "              |  |   |
| :15      | 46.0     | 44.1        | 5404       | 5438        | 10.1        | 215          | 1700      | "            | "       | "     | "             | "         | "       | "          | "     | "              | Seemann mit RBS auf 40°                  |   |
| :30      | 48.0     | 41.5        | 5605       | 5670        | 9.8         | 215          | 400       | "            | "       | "     | "             | "         | "       | "          | "     | "              | PS-Tiefe selbst, immer alt f. PS         |   |
| :45      | 50.3     | 38.5        | 5717       | 5758        | 9.7         | 214          | 1000      | "            | "       | "     | "             | "         | "       | "          | "     | "              | ET ~ 50m, PS-Diode OK                    |   |

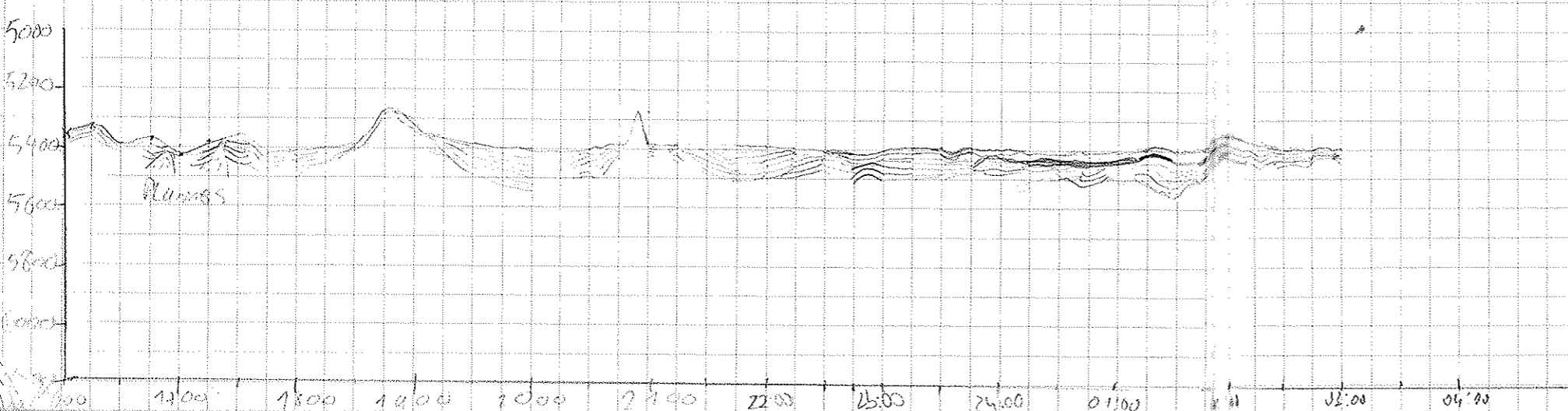




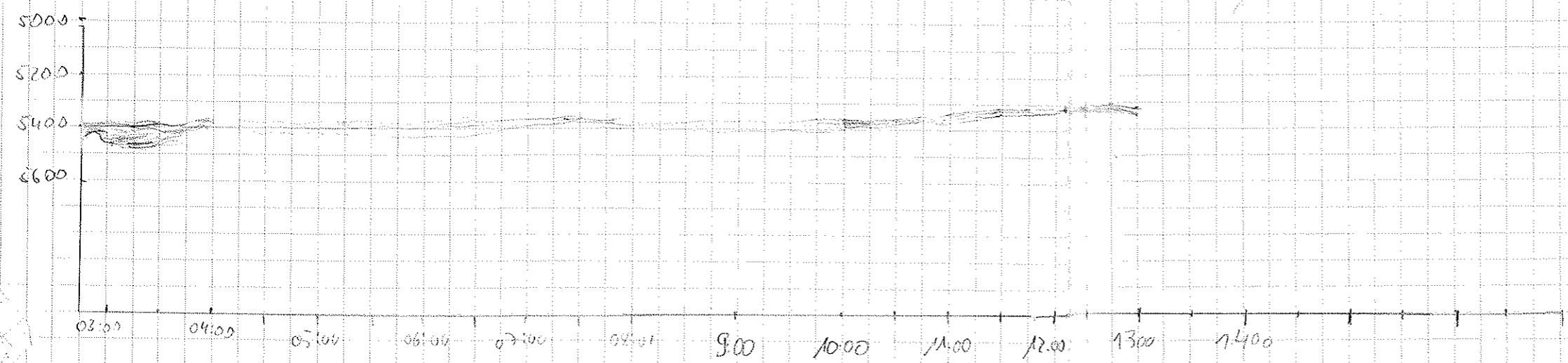
| DATUM    | ZEIT UTC | BREITE [°S] | LÄNGE [°E] | TIEFE PJ | TIEFE HS | GESCHW [km] | KURZ ['] | MAX. AMPL. [mU] | TRQ PS | PULSC | RELOD LEMPH | WAIT TIME | TAPE NO. | DESO ROLLE | WACHE    | BEMERKUNGEN                                  |
|----------|----------|-------------|------------|----------|----------|-------------|----------|-----------------|--------|-------|-------------|-----------|----------|------------|----------|--|
| 17/11/97 | 06:00    | 58°52,3     | 4°35,8     | 5721     | 5744     | 9,4         | 215      | 1000            | 4      | 2     | 266         | 0         | 28       | 4          | Unklar   | 15.7 - 5.0m                                  |
|          | 06:15    | 54,3        | 33,2       | 5721     | 5748     | 10,1        | 215      | 1000            | 4      | "     | "           | "         | "        | "          | "        | 06:25 Tape 28 → Tape 29                      |
|          | 06:30    | 56,4        | 30,4       | 5695     | 5712     | 10,2        | 215      | 700             | "      | "     | "           | "         | 29       | 4          | "        | NBS → 20                                     |
|          | 06:45    | 58,5        | 27,7       | -        | 5726     | 9,8         | 211      | 700             | "      | "     | "           | "         | "        | "          | "        | Sit. 6140 W. K. K. K. K.                     |
|          | 07:00    | 59°06,5     | 25,4       | 4790     | 4817     | 10,0        | 209      | 1400            | "      | "     | "           | "         | "        | "          | "        | "  |
|          | 07:15    | 06,7        | 23,0       | 4967     | 5004     | 10,2        | 207      | 800             | "      | "     | "           | "         | "        | "          | "        | "  |
|          | 07:30    | 05,0        | 20,9       | 5019     | 5118     | 9,9         | 204      | 400             | "      | "     | "           | "         | "        | "          | "        | "  |
|          | 07:45    | 07,3        | 19,0       | 5369     | 5391     | 9,5         | 202      | 900             | "      | "     | "           | "         | "        | "          | "        | Wieder Reflektoren, 15.7 - 5.0m              |
|          | 08:00    | 09,5        | 17,3       | 5382     | 5403     | 9,9         | 202      | 1000            | "      | "     | "           | "         | "        | "          | "        | "  |
|          | 8:15     | 59°11,7     | 4°15,4     | 5390     | 5416     | 9,7         | 203      | 960             | 5      | ✓     | ✓           | ✓         | ✓        | ✓          | Freidoff | "  |
|          | 8:30     | 59°13,3     | 4°13,5     | 5387     | 5416     | 9,8         | 203      | 900             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 8:45     | 59°16,2     | 4°11,7     | 5345     | 5370     | 9,8         | 214      | 763             | 5      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Keine Reflektoren                            |
|          | 9:00     | 59°18,4     | 4°09,6     | 5159     | 5185     | 9,3         | 202      | 892             | 5      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 9:15     | 20,5        | 07,9       | 5208     | 5230     | 9,7         | 204      | 987             | 5      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 9:30     | 22,7        | 05,9       | 5249     | 5275     | 9,8         | 204      | 901             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Wied. Reflektor 200m Parolen                 |
|          | 9:45     | 24,9        | 03,9       | 5145     | 5150     | 9,5         | 205      | 343             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Keine Reflektion vor Parolen                 |
|          | 10:00    | 26,99       | 02,1       | 5259     | 5421     | 9,2         | 204      | 300             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Kolja  |
|          | 10:15    | 29,08       | 4°00,22    | 5358     | 5385     | 8,9         | 204      | 500             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | wieder Reflektoren ET ~ 25m                  |
|          | 10:30    | 31,21       | 3°58,31    | 5370     | 5398     | 9,4         | 205      | 1000            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | ET bis 100m                                  |
|          | 10:45    | 33,19       | 3°56,21    | 5369     | 5395     | 9,3         | 204      | 900             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 11:00    | 37,16       | 3°51,84    | 5369     | 5395     | 8,9         | 199      | 1000            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 11:15    | 39,34       | 50,17      | 5355     | 5366     | 10,1        | 204      | 300             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 11:30    | 41,53       | 48,28      | 5388     | 5406     | 8,9         | 204      | 1400            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 11:45    | 45,4        | 46,0       | 5377     | 5408     | 9,2         | 210      | 800             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | TORGE  |
|          | 12:00    | 45,6        | 44,2       | 5382     | 5410     | 9,3         | 202,8    | 1500            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | ET ~ 100m                                    |
|          | 12:15    | 48,9        | 41,4       | 4755     | 4809     | 9,3         | 202,7    | 1000            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | 75m  |
|          | 12:30    | 50,1        | 40,4       | 4813     | 4839     | 9,6         | 202,6    | 700             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | 12:47 plötzliche Auswertung des Reflektors?? |
|          | 12:45    | 52,5        | 38,4       | 4938     | 4985     | 11,0        | 202,3    | 900             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Tapewechsel wieder Ref. ET ~ 100m            |
|          | 13:00    | 52,9        | 37,9       | 4964     | ?        | 0,3         | 140      | 600             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Bestimm. Eis-Station 13.05 47/10             |
|          | 13:15    | 51,3        | 36,6       | 5076     | ?        | 9,7         | 201,5    | 900             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Station 47/10                                |
|          | 13:30    | 55,6        | 34,6       | 5155     | ?        | 10,4        | 201,6    | 300             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Ende 47/10 13.25                             |
|          | 14:00    | 59°58,13    | 3°34,38    | 5152     | ?        | 10,3        | 173,2    | 800             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Babelte                                      |
|          | 14:15    | 60°00,38    | 3°32,97    | 5310     | 5345     | 9,7         | 209,7    | 600             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | keine Reflektoren                            |
|          | 14:30    | 60°02,52    | 3°30,44    | 5360     | 5382     | 9,8         | 214      | 1700            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | ET ~ 75m                                     |
|          | 14:45    | 60°04,71    | 3°28,66    | 5369     | 5401     | 10,5        | 208      | 1100            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 15:00    | 60°06,94    | 3°26,28    | 5381     | 5419     | 10,6        | 208      | 1000            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | ET > 100m                                    |
|          | 15:15    | 60°09,32    | 3°23,73    | 5389     | 5427     | 10,3        | 207,6    | 1000            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | ET ~ 150m                                    |
|          | 15:30    | 60°11,75    | 3°21,41    | 5350     | 5353     | 10,8        | 205      | 600             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 15:45    | 60°14,13    | 3°19,12    | 5363     | 5391     | 10,4        | 205,5    | 900             | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 16:00    | 60°16,50    | 3°16,86    | 5380     | 5419     | 10,8        | 205,6    | 1600            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | "  |
|          | 16:15    | 11,8,7      | 14,6       | 5348     | 4348     | 10,4        | 205      | 2597            | 4      | ✓     | ✓           | ✓         | ✓        | ✓          | ✓        | Heje   |



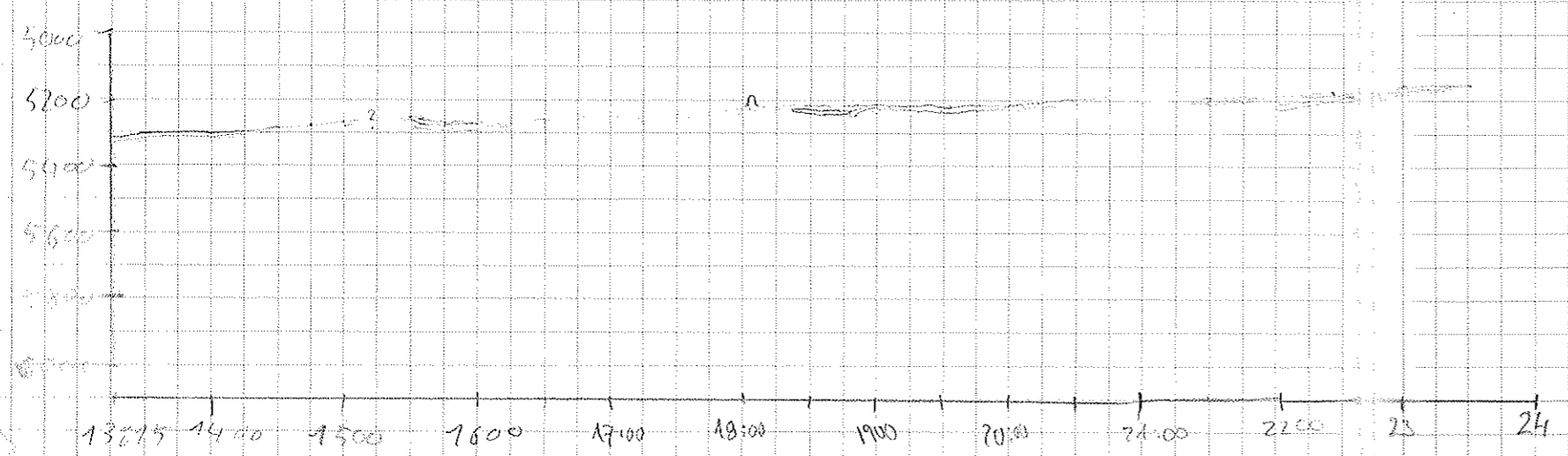
| Datum    | Zeit UTC | Burk [°E] | Länge [°E] | Tiefe PS | Tiefe HS | Geschw. [km] | Kurs [°] | max. Amp. [mV] | Freq. PS | Pulse | Record Length | Wait Time | Tape No. | Deso Rolle | Wache   | Bemerkung                               |
|----------|----------|-----------|------------|----------|----------|--------------|----------|----------------|----------|-------|---------------|-----------|----------|------------|---------|---|
| 17/11/92 | 16:30    | 60°21,2   | 03°12,2    | 5396     | 5433     | 10,5         | 205      | 1870           | "        | "     | "             | "         | 30       | "          | Zeile   |   |
|          | 16:45    | " 23,5    | " 10,1     | 5382     | 5417     | 10,2         | 203      | 1814           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 17:00    | " 25,8    | " 08,1     | 5424     | 5350     | 10,1         | 204      | 1669           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 17:15    | " 27,5    | " 05,7     | 5398     | 5371     | 10,2         | 204      | 1976           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 17:30    | " 30,7    | " 03,0     | 5363     | 5398     | 10,4         | 203      | 2247           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 17:45    | " 33,1    | " 01,5     | 5402     | 5440     | 10,6         | 204      | 3045           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 18:00    | 35,4      | 2°59,5     | 5406     | 5443     | 9,9          | 204      | 1200           | "        | "     | "             | "         | "        | "          | Andre   |   |
|          | 18:15    | 37,8      | 57,3       | 5395     | 5429     | 10,7         | 204      | 1500           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 18:30    | 40,2      | 55,0       | 5370     | 5393     | 11,2         | 206      | 600            | "        | "     | "             | "         | 31       | "          | "       | Tapewechsel! 18:26                      |
|          | 18:45    | 42,7      | 52,6       | 5270     | 5292     | 10,9         | 206      | 444            | "        | "     | "             | "         | "        | "          | "       | keine Reflexionen                       |
|          | 19:00    | 45,1      | 50,2       |          | 5318     | 10,3         | 207      | 300            | "        | "     | "             | "         | "        | "          | "       | PS-Tiefe stimmt ab in a (Hauch)         |
|          | 19:15    | 47,5      | 47,9       | 5368     | 5397     | 10,7         | 206      | 800            | "        | "     | "             | "         | "        | "          | "       | Wieder Wunderschöne Reflexionen         |
|          | 19:30    | 50,0      | 45,5       | 5382     | 5414     | 10,6         | 205      | 700            | "        | "     | "             | "         | "        | "          | "       | ERROR DACI -> Repräsentation            |
|          | 19:45    | 52,4      | 43,3       | 5389     | 5421     | 10,6         | 206      | 1800           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 20:00    | 54,7      | 41,0       | 5403     | 5456     | 10,1         | 205      | 1800           | "        | "     | "             | "         | "        | "          | Soen    | ET > 150m                               |
|          | 20:15    | 57,0      | 38,8       | 5407     | 5436     | 10,1         | 204      | 2600           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 20:30    | 59,3      | 36,7       | 5403     | 5488     | 9,8          | 203      | 2400           | "        | "     | "             | "         | "        | "          | "       | Basement high, ET ~ 100m                |
|          | 20:45    | 61°01,5   | 34,8       | 5379     | 5405     | 9,6          | 203      | 1500           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 21:00    | 03,7      | 32,7       | 5374     | 5400     | 9,8          | 204      | 1200           | "        | "     | "             | "         | "        | "          | "       | just passed small hill,                 |
|          | 21:15    | 05,5      | 29,7       | 5377     | 5404     | 9,3          | 229      | 1100           | "        | "     | "             | "         | "        | "          | "       | ET 100m, Kiesänderung - kurzfristig     |
|          | 21:30    | 07,1      | 26,9       | 5390     | 5422     | 9,1          | 198      | 800            | "        | "     | "             | "         | "        | "          | "       |   |
|          | 21:45    | 09,4      | 25,3       | 5396     | 5431     | 10,4         | 200      | 800            | "        | "     | "             | "         | "        | "          | "       |   |
|          | 22:00    | 11,7      | 23,5       | 5395     | 5424     | 9,3          | 201      | 2200           | "        | "     | "             | "         | "        | "          | Ulrich  |   |
|          | 22:15    | 13,8      | 21,8       | 5385,0   | 5420,0   | 8,2          | 202,6    | 1200           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 22:30    | 16,3      | 19,8       | 5386     | 5420,0   | 8,8          | 202,6    | 800            | "        | "     | "             | "         | "        | "          | "       |   |
|          | 22:45    | 18,6      | 18,2       | 5410     | 5418     | 10,0         | 202,5    | 1200           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 23:00    | 21,0      | 16,3       | 5405     | 5438     | 10,2         | 202,6    | 3000           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 23:15    | 23,4      | 14,0       | 5388     | 5438     | 10,2         | 202,8    | 1200           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 23:30    | 25,7      | 11,0       | 5386     | 5425     | 10,2         | 202,7    | 1500           | "        | "     | "             | "         | "        | "          | "       |   |
|          | 23:45    | 28,0      | 08,5       | 5386     | 5436     | 10,7         | 204,8    | 800            | "        | "     | "             | "         | "        | "          | "       |   |
| 18/11/92 | 00:20    | 61°35,6   | 2°04,5     | 5399     | 5428     | 10,2         | 203,4    | 1870           | "        | "     | "             | "         | 32       | 5          | Fortman | 23:59 (EINIG) DESO UMGEBUNG             |
|          | 00:30    | 61°35,2   | 2°03,2     | 5398     | 5426     | 10,5         | 202,0    | 780            | "        | "     | "             | "         | "        | "          | "       | TAPE WECHSEL ZUR SECRETEN ZEIT          |
|          | 00:45    | 61°27,5   | 2°03,9     | 5398     | 5431     | 10,2         | 210,2    | 1630           | "        | "     | "             | "         | "        | "          | "       | MIT 9m SPIEGEL GEM. ERH. HÖHE AUSLASSER |
|          | 01:00    | 61°39,8   | 1°58,3     | 5398     | 5420     | 10,9         | 207,4    | 1580           | "        | "     | "             | "         | "        | "          | "       | der Tappan                              |
|          | 01:15    | 61°42,1   | 1°56,0     | 5393     | 5426     | 10,7         | 203,5    | 1750           | "        | "     | "             | "         | "        | "          | "       | 0,22 PS-TIEFE WÄHRT -> Meeresboden      |
|          | 01:30    | 61°44,4   | 1°53,8     | 5398     | 5429     | 10,1         | 204,3    | 1430           | "        | "     | "             | "         | "        | "          | "       | ET ~ 100m; sehen die Grenze mit         |
|          | 01:45    | 61°46,7   | 1°51,5     | 5399     | 5432     | 11,0         | 205      | 2000           | "        | "     | "             | "         | "        | "          | "       | SUPER ET                                |
|          | 02:00    | 61°49,0   | 1°49,3     | 5379     | 5415     | 9,7          | 204,4    | 3240           | "        | "     | "             | "         | "        | "          | "       | Probleme beim                           |
|          | 02:15    | 61°41,2   | 1°47,3     | 5387     | 5420     | 9,3          | 204,9    | 1600           | "        | "     | "             | "         | "        | "          | "       | Lesen T 32 am                           |
|          | 02:30    | 61°53,2   | 1°45,1     | 5387     | 5422     | 9,2          | 203      | 1450           | "        | "     | "             | "         | "        | "          | "       | Anfang                                  |
|          | 02:45    | 61°55,3   | 1°43,1     | 5391     | 5427     | 8,9          | 202      | 3000           | "        | "     | "             | "         | "        | "          | "       |   |



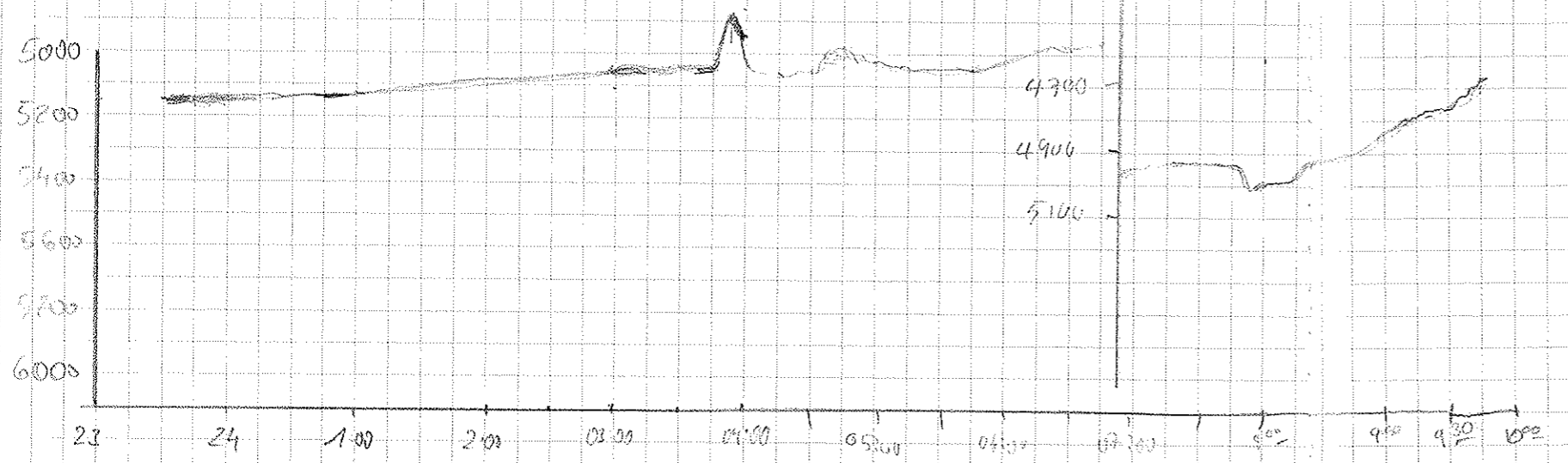
| DATE     | TIME UTC | BREITE [°S] | LÄNGE [°E] | TIEFE FS | TIEFE HS | GESCHW [kn] | KURS [°] | MAX. AMPLIT. [cmV] | REC PS | PULSE | Record Layfu | Wait time | Tape no | DESD NO | WACHE   | BEMERKUNGEN                                  |
|----------|----------|-------------|------------|----------|----------|-------------|----------|--------------------|--------|-------|--------------|-----------|---------|---------|---------|--|
| 18/07/97 | 03:00    | 61°57.5     | 1°41.0     | 5388     | 5387     | 9.8         | 202.2    | 1340               | 4      | 2     | 266          | 0         | 32      | 5       | Porthua |  |
|          | :15      | 61°59.6     | 1°38.9     | 5388     | 5427     | 9.5         | 205.3    | 2033               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 62°01.7     | 1°36.8     | 5386     | 5417     | 10.0        | 206.9    | 3000               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 62°03.8     | 1°34.9     | 5383     | 5408     | 9.5         | 202.9    | 1730               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 04:00    | 62°05.9     | 1°32.9     | 5377     | 5402     | 10.4        | 201.8    | 2700               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 08.2        | 30.8       | 5374     | 5403     | 9.9         | 204      | 2000               | "      | "     | "            | "         | "       | "       | "       | Ulrich                                       |
|          | :30      | 10.3        | 28.7       | 5377     | 5394     | 9.6         | 204      | 1000               | "      | "     | "            | "         | "       | "       | "       | ET ~ 2.5 km                                  |
|          | :45      | 12.3        | 12.7       | 5376     | 5417     | 9.9         | 205      | 1750               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 05:00    | 14.1        | 24.9       | 5373     | -        | 9.6         | 205      | 1200               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 15.5        | 23.4       | 5370     | 5382     | 4.9         | 206      | 1760               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 17.1        | 21.8       | 5369     | 5381     | 8.2         | 205      | 980                | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 18.7        | 20.2       | 5369     | 5380     | 7.1         | 204      | 1500               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 06:00    | 20.0        | 18.9       | 5371     | 5389     | 6.1         | 203      | 2700               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 20.7        | 18.2       | 5370     | 5392     | 1.9         | 183      | 5000               | "      | "     | "            | "         | 33      | "       | "       | Tape 32 to 33                                |
|          | :30      | 21.2        | 17.5       | 5370     | 5385     | 6.0         | 193      | 2000               | "      | "     | "            | 0         | "       | "       | "       | Polonium fast, waiting Kurstaufer 60% an der |
|          | :45      | 22.5        | 18.1       | 5369     | 5387     | 10.3        | 161      | 1800               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 07:00    | 25.5        | 16.9       | 5363     | 5387     | 12.2        | 203      | 1700               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 28.3        | 13.4       | 5366     | 5384     | 11.4        | 209      | 1400               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 29.9        | 11.2       | 5385     | 5384     | 6.3         | 207      | 2000               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 31.7        | 10.6       | 5363     | 5380     | 10.5        | 207      | 1400               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 08:00    | 62°33.4     | 1°08.5     | 5362     | 5381     | 6.6         | 210.3    | 1759               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 62°34.86    | 1°06.46    | 5860     | 5379     | 5.2         | 218.8    | 1708               | "      | "     | "            | "         | "       | "       | Denise  | ET ~ 10m                                     |
|          | :30      | 62°36.15    | 1°05.30    | 5855     | 5383     | 6.0         | 183.2    | 1509               | "      | "     | "            | "         | "       | "       | "       | ET ~ 20m                                     |
|          | :45      | 62°38.02    | 1°05.33    | 5356     | 5379     | 11.5        | 168.3    | 2420               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 09:00    | 62°40.66    | 1°04.27    | 5355     | 5378     | 10.6        | 207      | 2897               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 62°42.97    | 1°00.18    | 5353     | 5362     | 10.4        | 227.6    | 2892               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 62°44.51    | 0°56.1     | 5351     | 5367     | 11.3        | 234      | 3142               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 62°45.87    | 0°51.32    | 5348     | 5369     | 11.4        | 201.9    | 2522               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 10:00    | 47.15       | 11.82      | 5346     | 5372     | 10.4        | 213.8    | 2000               | "      | "     | "            | "         | "       | "       | Ulrich  |  |
|          | :15      | 48.88       | 45.81      | 5345     | 5363     | 9.0         | 163.3    | 1400               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 51.38       | 45.83      | 5345     | 5360     | 12.3        | 173.8    | 2100               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 53.36       | 48.66      | 5339     | 5358     | 10.7        | 162.8    | 2100               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 11:00    | 55.7        | 52.3       | 5335     | 5358     | 11.6        | 155      | 2400               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :15      | 57.25       | 50.27      | 5331     | 5350     | 5.1         | 263.0    | 3000               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :30      | 58.85       | 46.48      | 5324     | 5344     | 11.6        | 210.3    | 1100               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 60°00.33    | 42.01      | 5322.0   | 5348     | 8.7         | 247.3    | 4500               | "      | "     | "            | "         | "       | "       | "       | Tapewechsel 11.56 No. 34                     |
|          | 12:00    | 01.91       | 38.80      | 5319     | 5344     | 8.1         | 226.5    | 3000               | "      | "     | "            | "         | 34      | "       | "       |  |
|          | :15      | 02.8        | 38.1       | 5323     | 5485     | 2.0         | 356      | 1932               | "      | "     | "            | "         | "       | "       | Reise   |  |
|          | :30      | 04.1        | 39.8       | 5320     | 4343     | 11.1        | 190      | 4150               | "      | "     | "            | "         | "       | "       | "       |  |
|          | :45      | 06.7        | 37.8       | 5314     | 5335     | 12.5        | 160      | 3250               | "      | "     | "            | "         | "       | "       | "       |  |
|          | 13:00    | 07.4        | 37.7       | 5313     | 5250     | 10.1        | 102      | 4150               | "      | "     | "            | "         | "       | "       | "       |  |



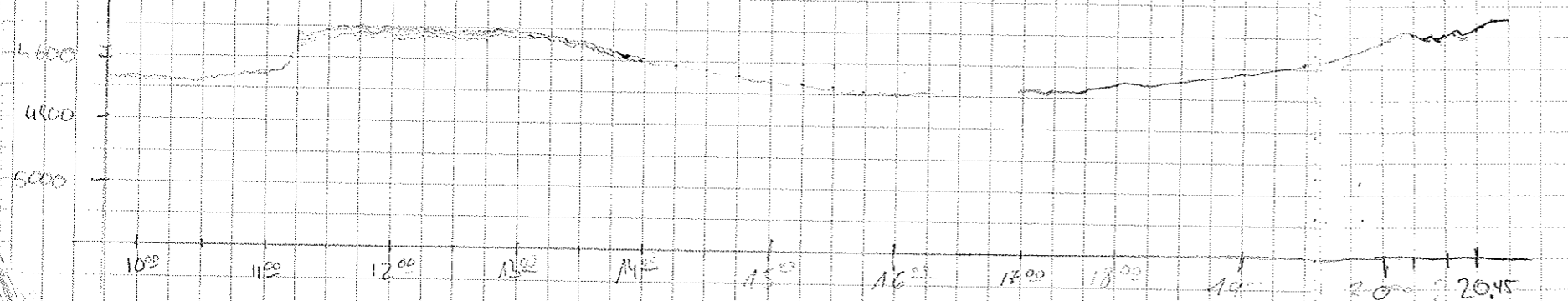
| Datum | Zeit  | Breite [°S] | Länge [°E/W] | Tiefe P/S | Tiefe H/S | Grünw. [Km] | Kurs | Max. Ampl. [mV] | Tras. PS | Pulse | Record Length | wait time | Tape No | Geo. No | Wieder | Bemerkungen                                      |
|-------|-------|-------------|--------------|-----------|-----------|-------------|------|-----------------|----------|-------|---------------|-----------|---------|---------|--------|--|
| 18.11 | 13:15 | 63°08,8     | 0°35,8       | 5310      | 5083      | 5,4         | 255  | 1544            | "        | 2     | 266           | 10        | 34      | "       | "      |  |
|       | 13:30 | " 09,9      | " 35,3       | 5307      | 5325      | 3,8         | 186  | 1295            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 13:45 | " 11,6      | " 37,4       | 5301      | 5290      | 12,4        | 263  | 3092            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 14:00 | 63°13,22    | 0°34,2       | 5299      | 5250      | 9,1         | 203  | 3000            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 14:15 | 63°15,82    | 0°34,81      | 5295      | 5315      | 8,1         | 194  | 3600            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 14:30 | 63°17,56    | 0°33,90      | 5288      | 5307      | 12,1        | 204  | 3300            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 14:45 | 63°19,02    | 0°29,21      | 5284      | 5212      | 11,8        | 234  | 3300            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 15:00 | 20,44       | 27,39        | 5277      | 5297      | 10,4        | 250  | 1600            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 15:15 | 21,55       | 22,84        | "         | 5220      | 10,9        | 233  | 200             | "        | "     | "             | "         | "       | "       | "      | kein Signal mehr -> keine PS-Tiefe               |
|       | 15:30 | 22,2        | 21,3         | 5228      | 5266      | 4,7         | 213  | 600             | "        | "     | "             | "         | "       | "       | "      | mit dem Outlay 15:32 wieder Signal               |
|       | 15:45 | 23,98       | 18,9         | 5268      | 5288      | 4,0         | 154  | 3800            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 16:00 | 63°25,71    | 0°18,50      | 5265      | 5286      | 8,3         | 178  | 2522            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 16:15 | 63°25,88    | 0°17,90      | 5260      | 5278      | 13,0        | 217  | 2108            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 16:30 | 63°30,42    | 0°14,22      | 5258      | 5282      | 13,3        | 239  | 2025            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 16:45 | 63°31,44    | 0°09,49      | 5254      | 5278      | 6,2         | 283  | 3195            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 17:00 | 63°31,61    | 0°05,34      | 5250      | 5270      | 9,3         | 226  | 5150            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 17:15 | 63°33,12    | 0°01,61      | 5242      | 5259      | 22,7        | 204  | 3557            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 17:30 | 63°35,40    | 0°02,41      | 5234      | 5365      | 11,8        | 230  | 2260            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 17:45 | 63°32,33    | 0°04,72      | 5232      | 5251      | 12,2        | 211  | 1974            | "        | "     | "             | "         | "       | "       | "      | Barbara  |
|       | 18:00 | 39,9        | 06,2         | 5230      | 5250      | 9,4         | 161  | 1400            | "        | "     | "             | "         | "       | "       | "      | Peterson   |
|       | 18:15 | 42,5        | 05,0         | 5222      | 5238      | 13,8        | 163  | 4000            | "        | "     | "             | "         | 35      | "       | "      | TAPE CHANGED 18:06                               |
|       | 18:30 | 44,6        | 04,8         | 5217      | 5239      | 12,4        | 134  | 3300            | "        | "     | "             | "         | "       | "       | "      | ET > 10min                                       |
|       | 18:45 | 46,9        | 04,2         | 5217      | 5239      | 10,1        | 178  | 1900            | "        | "     | "             | "         | "       | "       | "      | 1 SEG Y 35                                       |
|       | 19:00 | 48,5        | 07,5         | 5214      | 5233      | 13,1        | 226  | 1600            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 19:15 | 50,3        | 11,8         | 5211      | 5232      | 10,9        | 188  | 1500            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 19:30 | 52,4        | 12,0         | 5204      | 5228      | 7,3         | 189  | 2300            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 19:45 | 53,6        | 14,2         | 5205      | 5219      | 12,4        | 254  | 3200            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 20:00 | 54,43       | 15,45        | 5202      | 5229      | -3,2        | 8,6  | 3500            | "        | "     | "             | "         | "       | "       | "      | Vidja  |
|       | 20:15 | 54,35       | 15,46        | 5202      | 5220      | 0,2         | 192  | 4700            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 20:30 | 56,01       | 16,56        | 5203      | 5224      | 13,7        | 188  | 4000            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 20:45 | 59,08       | 17,1         | 5200      | 5270      | -2,4        | 185  | 1700            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 21:00 | 59,88       | 15,29        | 5195      | 5215      | 15,1        | 142  | 2600            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 21:15 | 64° 01,50   | 11,44        | 5192      | 5212      | 5,0         | 119  | 2000            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 21:30 | 03,97       | 07,79        | 5193      | 5213      | -14,5       | 179  | 2000            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 21:45 | 06,32       | 11,20        | 5188      | 5207      | 14,6        | 251  | 3500            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 22:00 | 08,67       | 16,37        | 5184      | 5209      | 14,0        | 215  | 3500            | "        | "     | "             | "         | "       | "       | "      | Vidja  |
|       | 22:15 | 10,99       | 21,89        | 5176      | 5176      | 14,0        | 251  | 3600            | "        | "     | "             | "         | "       | "       | "      | TORGE ET ~ 25min                                 |
|       | 22:30 | 13,47       | 25,56        | 5170      | 5185      | 12,0        | 241  | 1800            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 22:45 | 16,19       | 27,92        | 5166      | 5186      | 10,8        | 186  | 2900            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 23:00 | 19,00       | 30,5         | 5159      | 5173      | -12,8       | 218  | 2200            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 23:15 | 21,65       | 30,99        | 5153      | 5177      | 12,7        | 207  | 3000            | "        | "     | "             | "         | "       | "       | "      | "  |
|       | 23:30 | 24,02       | 34,53        | 5151      | 5174      | 15,00       | 221  | 2500            | "        | "     | "             | "         | "       | "       | "      | habe umgestellt auf 5050-5000m am kleinen Graben |



| Datum    | Zeit  | Breite   | Länge    | Tiefe | Tiefe | Gesch. | Kurs  | Platz | Temp | Pulse | Recored Length | Wart Time | Tape No. | Isos No. | Warte   | Bemerkungen                                 |
|----------|-------|----------|----------|-------|-------|--------|-------|-------|------|-------|----------------|-----------|----------|----------|---------|---|
| 18.11.97 | 23:45 | 64°26.04 | 0°40.56  | 5145  | 5170  | 15.0   | 173.0 | 2200  | 11   | 2     | 266            | 0         | 35       | 5        | TORGE   | nach 10 Minuten Graben, sonst passiv, je el |
| 19.11.97 | 24:00 | 64°29.5  | 0°46.6   | 5140  | 5158  | 13.1   | 176.8 | 2460  | "    | "     | "              | "         | "        | "        | Porthua | 00:17 PELIND, TAPE WECHSEL                  |
|          | 15    | 64°31.5  | 0°45.8   | 5135  | 5160  | 15.1   | 192.5 | 1700  | "    | "     | "              | "         | 36       | "        | "       |   |
|          | 30    | 64°34.8  | 0°48.8   | 5130  | 5150  | 15.7   | 211.9 | 1730  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 64°35.8  | 0°49.5   | 5128  | 5144  | 11.1   | 162.9 | 1500  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:00  | 64°39.3  | 0°47.0   | 5118  | 5138  | 15.2   | 158.5 | 1400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:15  | 64°42.8  | 0°45.7   | 5087  | 5123  | 11.1   | 220   | 300   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:30  | 64°45.1  | 0°51.2   | 5098  | 5120  | 14.7   | 193   | 420   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:45  | 64°48.6  | 0°52.8   | 5099  | 5121  | 14.7   | 227   | 800   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 02:00 | 64°51.8  | 0°55.8   | 5090  | 5112  | 15.2   | 192   | 2040  | "    | "     | "              | "         | "        | "        | "       | ET ~ 20m                                    |
|          | 1:15  | 64°52.9  | 1°02.9   | 5082  | 5108  | 14.4   | 257   | 2500  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 64°54.6  | 1°03.2   | 5083  | 5108  | 15.1   | 227.1 | 1900  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 64°56.6  | 1°11.9   | 5079  | 5064  | 10.5   | 195   | 2400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 03:00 | 64°59.5  | 1°12.7   | 5075  | 5094  | 14.2   | 145   | 2065  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:15  | 65°01.8  | 1°13.7   | 5066  | 5090  | 14.3   | 209   | 2700  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 65°05.4  | 1°19.2   | 5064  | 5083  | 14.7   | 250   | 2500  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 65°08.1  | 1°18.6   | 5032  | 5061  | 14.7   | 186   | 600   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 04:00 | 65°11.7  | 1°21.5   | 5007  | 5053  | 15.4   | 204.9 | 735   | "    | "     | "              | "         | "        | "        | "       | an Berg SEE V O                             |
|          | 19    | 13.7     | 28.1     | 5073  | 5091  | 9.9    | 250   | 1700  | "    | "     | "              | "         | "        | "        | "       | Wasser                                      |
|          | 30    | 13.9     | 30.2     | 5057  | 5074  | 7.1    | 323   | 4400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 13.02    | 32.3     | 5081  | 4988  | 14.2   | 217   | 4400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 05:00 | 16.4     | 39.3     | 5080  | 5092  | 12.9   | 190   | 1400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 1:15  | 19.8     | 41.0     | 4974  | 4993  | 15.1   | 171   | 1100  | "    | "     | "              | "         | "        | "        | "       | ET ~ 50m                                    |
|          | 30    | 23.4     | 39.4     | 5031  | 5049  | 15.1   | 179   | 500   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 26.5     | 40.8     | 5034  | 5055  | 13.7   | 226   | 1000  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 06:00 | 27.5     | 43.4     | 5006  | 5023  | 8.2    | 251   | 1000  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 15    | 30.1     | 45.5     | 4923  | 5004  | 9.2    | 228   | 2200  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 32.3     | 48.2     | 4931  | 4988  | 16.0   | 192   | 3100  | "    | "     | "              | "         | 37       | "        | "       | 06:26 Tape 36 -> 37                         |
|          | 45    | 34.8     | 50.4     | 4952  | 4970  | 8.6    | 212   | 4400  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 07:00 | 36.8     | 52.3     | 4900  | 4962  | 13.8   | 222   | 2100  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 15    | 39.3     | 53.1     | 4937  | 4957  | 12.1   | 218   | 1200  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 42.3     | 53.1     | 4939  | 4962  | 14.4   | 182   | 2210  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 44.8     | 53.1     | 4957  | 5026  | 8.9    | 72    | 3000  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 08:00 | 46.9     | 52.1     | 4999  | 5019  | 13.8   | 240   | 1000  | "    | "     | "              | "         | "        | "        | "       | Kalje                                       |
|          | 15    | 49.2     | 57.9     | 4956  | 4973  | 14.6   | 246   | 3500  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 51.6     | 20 02.99 | 4919  | 5000  | 13.1   | 192   | 1700  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 45    | 54.1     | 06.7     | 4897  | 4919  | 13.1   | 280   | 750   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 09:00 | 55.7     | 12.0     | 4831  | 4916  | 13.0   | 204   | 900   | "    | "     | "              | "         | "        | "        | "       |   |
|          | 15    | 58.4     | 16.6     | 4785  | 4802  | 14.2   | 215   | 2500  | "    | "     | "              | "         | "        | "        | "       |   |
|          | 30    | 66°00.9  | 22.6     | 4763  | 4789  | 14.5   | 237   | 2500  | "    | "     | "              | "         | "        | "        | "       |   |

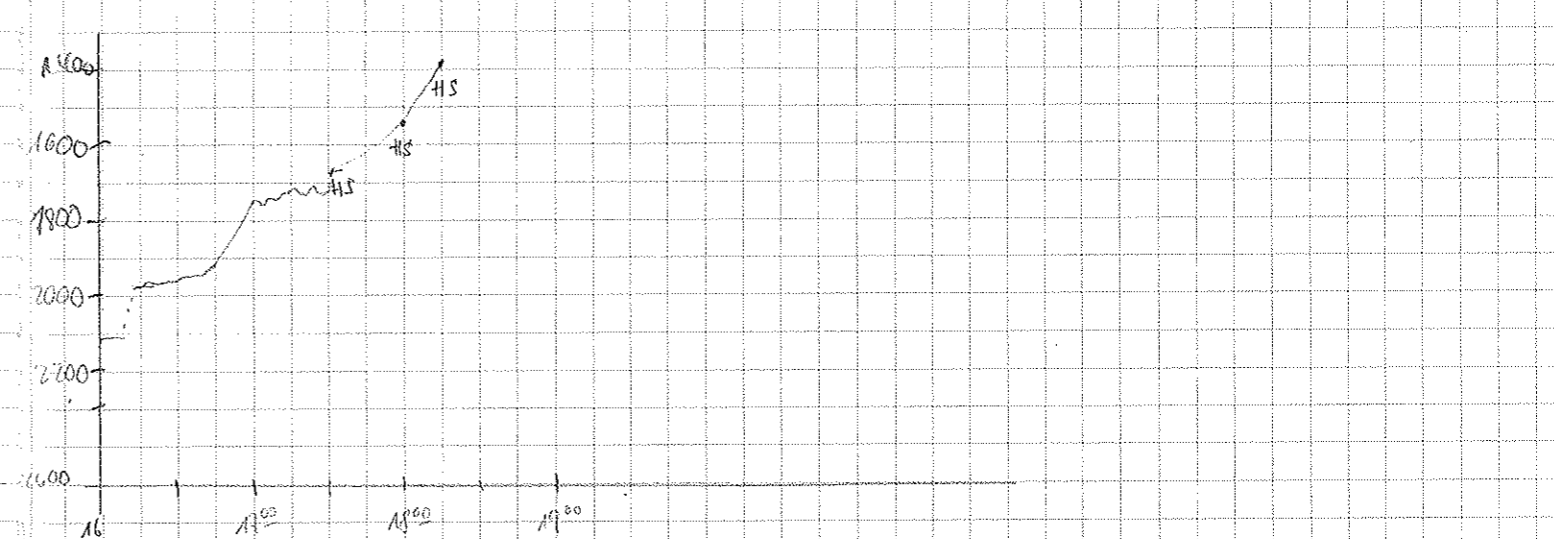
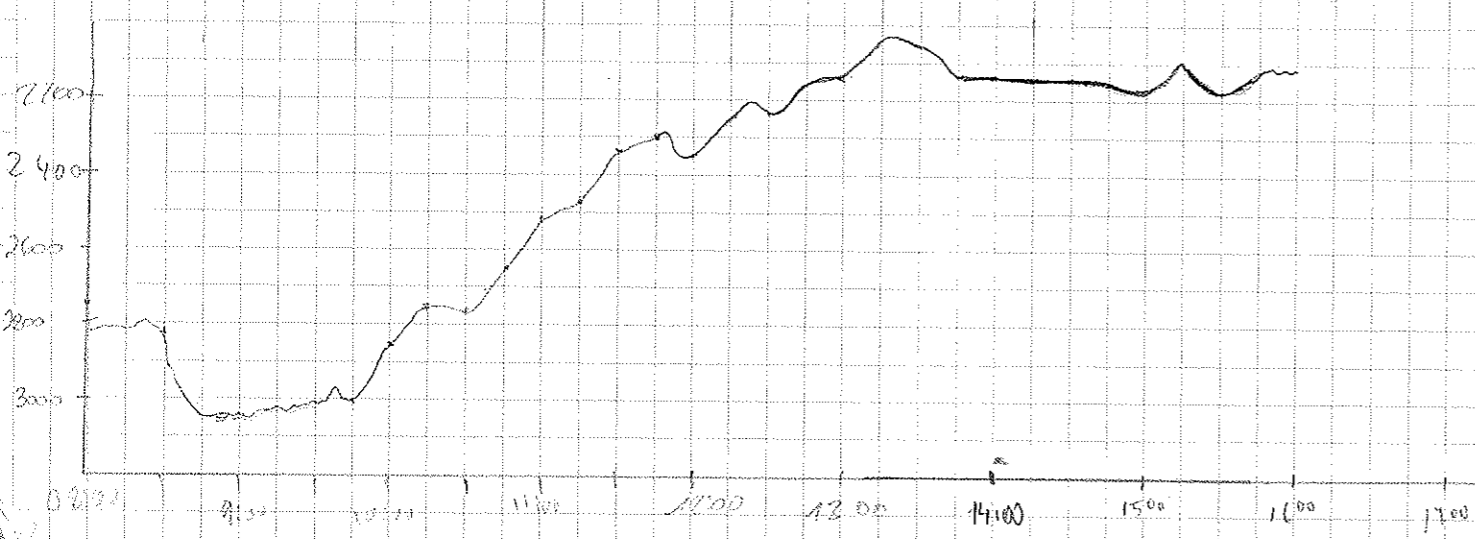


| DATUM  | ZEIT  | BR. [°]   | LÄNGE [°] | Tiefe PS [m] | TIEFE [m HS] | GESCHW [km] | KURS [°] | MAX AMPLIT [cm] | FREQ | PULSE | RECORD | WAIT TIME | TAPE No | DESCO No | WACHE     | BEMERKUNGEN                                 |
|--------|-------|-----------|-----------|--------------|--------------|-------------|----------|-----------------|------|-------|--------|-----------|---------|----------|-----------|---|
| 19.11. | 9:45  | 66° 02,4  | 20 29,9   | 4678         | 4705         | 14,7        | 258      | 4000            | 4    | 12    | 266    | 0         | 37      | 5        | Katja     |   |
|        | 10:00 | 04,8      | 35,0      | 4680         | 4692         | 14,1        | 180      | 2900            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 07,4      | 38,9      | 4656         | 4682         | 13,8        | 227      | 3300            | "    | "     | "      | "         | "       | "        | Peteran   |   |
|        | :30   | 09,8      | 44,3      | 4676         | 4694         | 12,9        | 221      | 3800            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 12,8      | 47,3      | 4668         | 4691         | 12,6        | 186      | 1800            | "    | "     | "      | "         | "       | "        | "         | Leicht Rigeliger Meeresboden                |
|        | 11:00 | 16,0      | 49,1      | 4669         | 4667         | 14,3        | 226      | 3900            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 18,1      | 55,8      | 4684         | 4610         | 13,2        | 204      | 800             | "    | "     | "      | "         | "       | "        | "         | Steilsteife mit Einsatz von gule Schichtung |
|        | :30   | 20,8      | 3° 00,1   | 4500         | 4519         | 14,1        | 178      | 5300            | "    | "     | "      | "         | "       | "        | "         | E 1 ~ 90m                                   |
|        | :45   | 24,0      | 03,1      | 4491         | 4513         | 12,8        | 220      | 1200            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 12:00 | 26,3      | 07,9      | 4518         | 4541         | 13,9        | 224      | 2500            | "    | "     | "      | "         | "       | "        | Schwarz   |   |
|        | :15   | 28,5      | 06,0      | 4502         | 4528         | 13,0        | 179      | 3500            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :30   | 32,7      | 07,0      | 4515         | 4540         | 12,7        | 183      | 2400            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 36,2      | 05,4      | 4510         | 4520         | 14,4        | 183      | 2200            | "    | "     | "      | "         | 38      | "        | "         | Tapewechsel 12:45 No. 38                    |
|        | 13:00 | 38,9      | 03,2      | 4513         | 4535         | 12,6        | 188      | 3800            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 41,4      | 06,8      | 4537         | 4518         | 12,3        | 187      | 3800            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :30   | 44,4      | 10,0      | 4547         | 4571         | 13,2        | 185      | 2600            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 46,7      | 15,4      | 4520         | 4584         | 13,6        | 217      | 4500            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 14:00 | 49,1      | 20,7      | 4520         | 4621         | 12,3        | 215      | 5000            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 14:15 | 52,3      | 26,5      | 4610         | 4632         | 14,2        | 209      | 4745            | "    | "     | "      | "         | "       | "        | Friedhoff | Sedimentwellen                              |
|        | 14:30 | 54,8      | 30,3      | 4626         | 4649         | 14,3        | 211      | 4432            | "    | "     | "      | "         | "       | "        | "         | Desoriaea Rängt                             |
|        | 14:45 | 57,7      | 34,8      | 4640         | 4661         | 13,7        | 211      | 3907            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 15:00 | 67° 00,8  | 38,6      | 4663         | 4681         | 14,0        | 204      | 4600            | "    | "     | "      | "         | "       | "        | "         | Sedim' Wellen                               |
|        | 15:15 | 03,9      | 42,3      | 4681         | 4704         | 12,8        | 208      | 4782            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 15:30 | 06,9      | 46,7      | 4689         | 4707         | 14          | 207      | 4472            | "    | "     | "      | "         | "       | "        | "         | Obere Oberfläche                            |
|        | 15:45 | 09,9      | 50,9      | 4692         | 4707         | 13,9        | 206      | 4655            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 16:00 | 67° 12,87 | 3° 54,15  | 4692         | 4707         | 13,5        | 197      | 4080            | 4    | "     | "      | "         | "       | "        | Barbara   |   |
|        | :15   | 15,17     | 56,68     | 4687         | 4707         | 11,3        | 205      | 2935            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :30   | 18,35     | 4° 00,00  | 4686         | 4707         | 12,2        | 206      | 2830            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 21,21     | 03,60     | 4684         | 4708         | 12,0        | 204      | 2437            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 17:00 | 23,62     | 06,66     | 4669         | 4691         | 13,1        | 207      | 4135            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 26,36     | 10,48     | 4681         | 4701         | 12,7        | 206      | 1778            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :30   | 28,81     | 13,97     | 4678         | 4696         | 11,5        | 210      | 4600            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 31,09     | 18,03     | 4674         | 4698         | 12,6        | 194      | 5498            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 18:00 | 34,0      | 19,8      | 4654         | 4673         | 11,1        | 205      | 5050            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 36,5      | 23,2      | 4654         | 4680         | 11,0        | 211      | 2982            | "    | "     | "      | "         | "       | "        | "         | Helge                                       |
|        | :30   | 39,2      | 27,5      | 4646         | 4661         | 11,9        | 211      | 3160            | "    | "     | "      | "         | "       | "        | "         | Helge                                       |
|        | :45   | 41,9      | 30,4      | 4626         | 4645         | 13,1        | 205      | 4125            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 19:00 | 43,7      | 33,3      | 4613         | 4630         | 10,7        | 206      | 3535            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 46,5      | 36,7      | 4605         | 4640         | 12,3        | 205      | 2737            | "    | "     | "      | "         | 38      | "        | "         |   |
|        | :30   | 48,3      | 39,3      | 4582         | 4602         | 11,4        | 204      | 2037            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 50,9      | 44,6      | 4570         | 4583         | 11,8        | 201      | 2515            | "    | "     | "      | "         | "       | "        | "         |   |
|        | 20:00 | 62° 53,53 | 4° 47,6   | 4510         | 4527         | 9,6         | 202      | 2117            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :15   | 55,29     | 49,6      | 4483         | 4501         | 8,7         | 202      | 1000            | "    | "     | "      | "         | "       | "        | "         | Finkenbejer                                 |
|        | :30   | 57,79     | 52,53     | 4496         | 4514         | 12,6        | 203      | 1900            | "    | "     | "      | "         | "       | "        | "         |   |
|        | :45   | 59,5      | 54,6      | 4475         | 4491         | 7,5         | 218      | 5000            | "    | "     | "      | "         | "       | "        | "         |   |



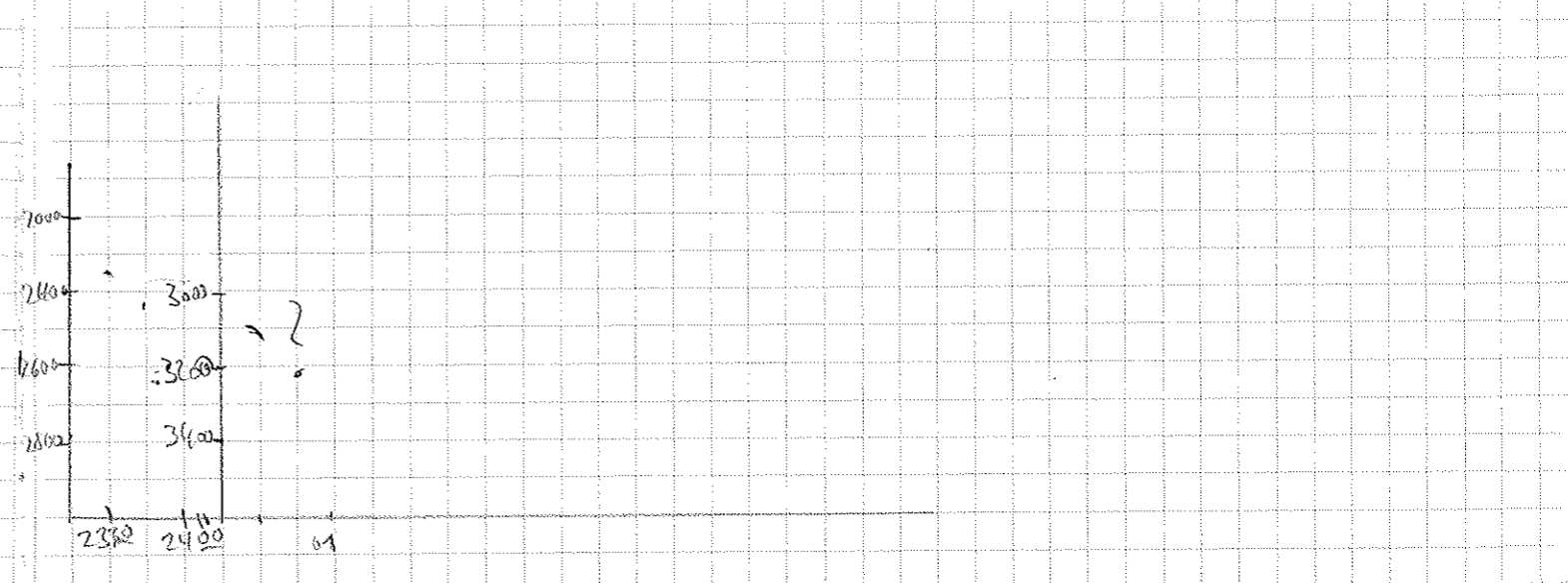
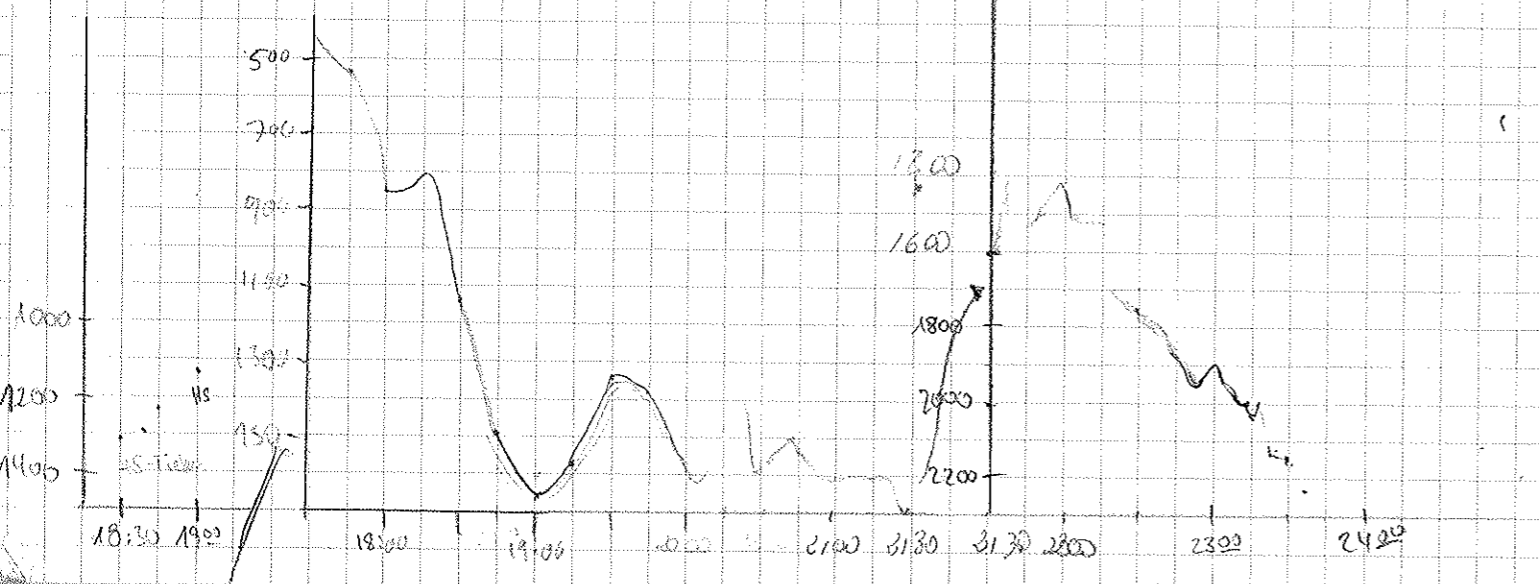


| Datum    | Zeit UTC | Breite    | Länge     | Tiefe 125 | Tiefe 175 | Spätere | Kurs  | Wasser | Wagt | Reise | Recond | Wart | Temp | Dose  | Wache    | Notizen  |
|----------|----------|-----------|-----------|-----------|-----------|---------|-------|--------|------|-------|--------|------|------|-------|----------|--|
|          |          | ° 57      | ° 57      |           |           | 5413    | 5413  | 5413   |      |       | Length | Time | °    | Polle |          |  |
| 20/11/97 | 08:00    | 68° 26,31 | 6° 24,41  | 2803      | 2813      | 7,9     | 191,3 | 700    | 4    | 2     | 266    | 0    | 40   | 0     | Babette  | 1. Zonen...<br>Flou! Danke!                          |
|          | 08:15    | 68° 27,55 | 6° 26,97  | 2802      | 2808      | 5,2     | 5,3   | 1400   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :30      | 29,3      | 26,9      | 2834      | 2838      | 7,1     | 194   | 800    | "    | "     | "      | "    | "    | "     | Sören    | Steiler ABhang                                       |
|          | :45      | 30,6      | 30,4      | 3047      | 3056      | 8,6     | 226   | 1300   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 09:00    | 31,3      | 32,3      | 3042      | 3053      | 7,3     | 198,1 | 750    | "    | "     | "      | "    | "    | "     | Babette  | "  |
|          | :15      | 31,9      | 34,2      | 3021      | 3030      | 7,5     | 240   | 800    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :30      | 33,3      | 37,0      | 3014      | 3024      | 8,0     | 242,1 | 1700   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :45      | 35,4      | 35,9      | 2898      | 3006      | 8,9     | 198,5 | 1450   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 10:00    | 37,2      | 38,0      | 2828      | 2841      | 6,1     | 227   | 990    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 10:15    | 38,4      | 42,4      | 2738      | 2756      | 7,8     | 226   | 1296   | "    | "     | "      | "    | "    | "     | THB...   | Genie Reflektoren                                    |
|          | 10:30    | 39,4      | 43,9      | 2716      | 2723      | 0,2     | 356   | 1536   | "    | "     | "      | "    | "    | "     | "        | raum Reflektoren                                     |
|          | 10:45    | 39,6      | 49,9      | 2642      | 2687      | 5,8     | 162   | 448    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 11:00    | 41,3      | 44,4      | 2512      | 2519      | 9,1     | 195   | 1941   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 11:15    | 42,4      | 45,6      | 2467      | 2485      | 7,3     | 219   | 700    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 11:30    | 43,5      | 48,8      | 2336      | (7133)    | 0,4     | 217   | 1046   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 11:45    | 44,1      | 51,2      | 2300      | (7300)    | 8,5     | 215   | 491    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 12:00    | 46,0      | 52,1      | 2252      | 2262      | 9,1     | 201   | 700    | "    | "     | "      | "    | "    | "     | TOBGE    | "  |
|          | :15      | 47,15     | 52,2      | 2237      | 2248      | 7,8     | 205   | 2800   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :30      | 48,69     | 55,70     | 2238      | 2268      | 4,9     | 188   | 2000   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :45      | 49,39     | 56,2      | 2         | 2620      | 6,2     | 213   | 700    | "    | "     | "      | "    | "    | "     | "        | 2 vor ein zurück, Hattalaa                           |
|          | 13:00    | 49,78     | 57,4      | 2148      | 2156      | 3,9     | 256   | 600    | "    | "     | "      | "    | "    | "     | "        | A vor 2 zurück, durch den                            |
|          | :15      | 50,26     | 58,8      | 2065      | 2092      | 4,4     | 2329  | 700    | "    | "     | "      | "    | "    | "     | "        | ist sehr hügelig hier, und                           |
|          | :30      | 50,79     | 57,8      | 2077      | 2080      | 4,7     | 178   | 900    | "    | "     | "      | "    | "    | "     | "        | jetzt soll's wieder spürbar sein, außerdem Schiffst. |
|          | :45      | 51,8      | 58,7      | 2147      | 2153      | 0       | 2     | 800    | "    | "     | "      | "    | "    | "     | "        | NIX geht mehr! 2 Tage nach !!                        |
|          | 14:00    | 51,8      | 58,6      | 2142      | 2151      | 0       | 2     | 1200   | "    | "     | "      | "    | "    | "     | "        | * HS "hat Eis gefangen" und sp...                    |
|          | :15      | 69° 51,83 | 6° 58,45  | 2163      | 3825*     | 0,4     | (109) | 1499   | "    | "     | "      | "    | "    | "     | E. A. d. | "  |
|          | :30      | 69° 51,81 | 6° 58,29  | 2145      | 11*       | 0,6     | (342) | 1411   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :45      | 69° 51,87 | 6° 58,18  | 2147      | 2215(x)   | 3,7     | 197   | 1128   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 15:00    | 69° 52,33 | 6° 57,38  | 2186      | 2185      | 3,1     | 197   | 1680   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :15      | 69° 53,21 | 7° 00,76  | 2099      | 2317(x)   | 4,9     | 179   | 598    | "    | "     | "      | "    | "    | "     | "        | ET ~ 30 m  |
|          | :30      | 69° 54,96 | 6° 56,97  | 2175      | 2187      | 8,8     | 160   | 1512   | "    | "     | "      | "    | "    | "     | "        | kurze 125 - 175 f.                                   |
|          | :45      | 69° 55,71 | 6° 58,10  | 2189      | 2176      | 2,4     | 112   | 1678   | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 16:00    | 56,14     | 59,38     | 2136      | 2136      | 0,6     | 53,0  | 1421   | "    | "     | "      | "    | "    | "     | Katja    | "  |
|          | :15      | 56,61     | 70° 00,69 | 1958      | 1975      | 3,2     | 46,5  | 843    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :30      | 56,97     | 01,19     | 1966      | 1966      | 5,3     | 197,2 | 593    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | :45      | 57,85     | 02,10     | 1811      | 1811      | 7,8     | 212,5 | 8442   | "    | "     | "      | "    | "    | "     | "        | Profil wird aufgezeichnet, zeichnet aber             |
|          | 17:00    | 58,80     | 03,99     | 3822      | 3822      | 1,1     | 29,9  | 1908   | "    | "     | "      | "    | "    | "     | "        | keine vernünftige Tiefe auf.                         |
|          | :15      | 58,67     | 03,08     | 1720      | 1718      | 0,2     | 161   | 847    | "    | "     | "      | "    | 41   | "     | "        | 17:08 Tapedwechsel 40 → 41                           |
|          | :30      | 70° 00,10 | 01,95     | 1630      | 1630      | 7,7     | 176   | 973    | "    | "     | "      | "    | "    | "     | "        | watching... Tiefe                                    |
|          | :45      | 01,23     | 03,39     | 1619      | 1619      | 5,5     | 226   | 963    | "    | "     | "      | "    | "    | "     | "        | "  |
|          | 18:00    | 01,78     | 05,59     | 1547      | 1547      | 3,6     | 217   | 1400   | "    | "     | "      | "    | "    | "     | Hilja    | Hydrosweep Tiefe in Profil gezeichnet                |
|          | :15      | 02,25     | 09,74     | 1389      | 1389      | 4,9     | 185   | 650    | "    | "     | "      | "    | "    | "     | "        | "  |

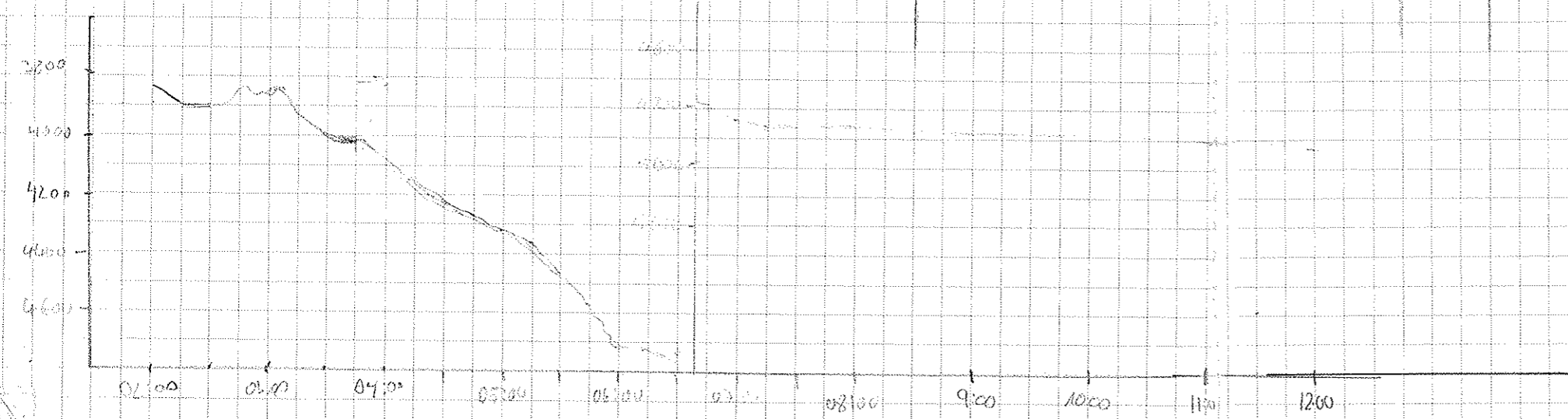




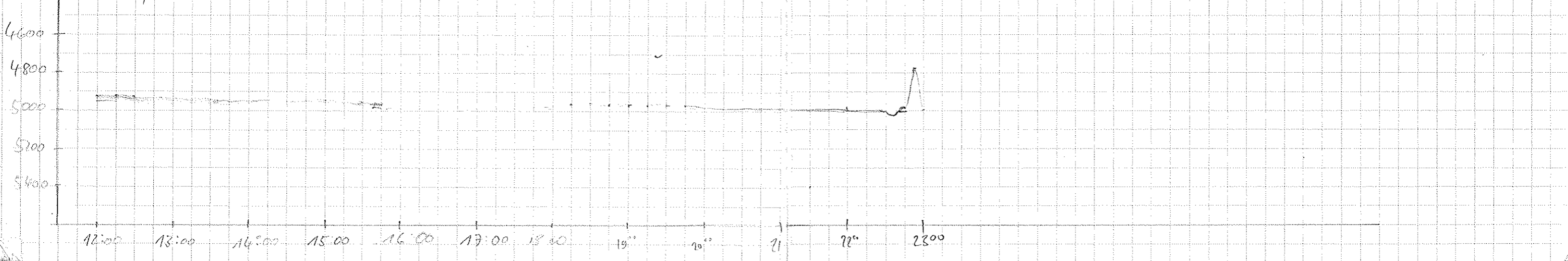
| Datum    | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | SCHW [km] | KURS [°] | MAX AMPLIT [mV] | RER | PULSE | RECORD LENGTH | VAIT TIME | TIME NO | DESO ROLLE | VNAME      | BEMERKUNGEN  |    |   |     |   |    |   |         |  |
|----------|----------|-------------|------------|----------|----------|-----------|----------|-----------------|-----|-------|---------------|-----------|---------|------------|------------|--|----|---|-----|---|----|---|---------|--|
| 20.11.97 | 18:30    | 70°02,97    | 7°09,54    | -        | 1310     | 3,0       | 147      | 5000            | 11  | 2     | 266           | 0         | 41      | 6          | Finkenfeld | 18:32 Neufahrt   |    |   |     |   |    |   |         |  |
|          | 18:37    | "           | "          | 1288     | 1216     | 3,9       | 155      | 1000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 18:45    | 03,40       | 07,84      | -        | 1230     | 5,1       | 168      | 400             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:00    | 04,76       | 07,99      | -        | 1119     | 8,1       | 189      | 400             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:05    |             |            |          |          |           |          |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 29/11/97 | 17:30    | 70°26,1     | 8°18,1     | 454      | 454      | 13,2      | 331      | 1600            | 11  | 2     | 266           | 0         | 42      | 6          | Ulrich     | Nach Bohren Ringen mit Messung<br>Laden in 9 Tagen PARASOUND                               |    |   |     |   |    |   |         |  |
|          | 17:45    | 24,6        | 20,6       | 516      | 520      | 13,4      | 330      | 1200            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 18:06    | 21,8        | 25,0       | 855      | 857      | 13,4      | 336      | 2000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 18:15    | 18,9        | 30,4       | 808      | 809      | 13,6      | 321      | 9000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 18:30    | 16,3        | 36,6       | -        | 1161     | 13,6      | 321      | 1200            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 18:45    | 13,6        | 41,0       | 1500     | 1528     | 11,4      | 343      | 250             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:00    | 11,7        | 48,2       | 1655     | 1662     | 12,7      | 262      | 4000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:15    | 13,3        | 54,9       | 1567     | 1573     | 11,5      | 268      | 600             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:30    | 12,9        | 60,0       | 1333     | 1364     | 11,2      | 226      | 1000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 19:45    | 11,9        | 09,9       | 1382     | 1384     | 13,1      | 309      | 1000            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 20:00    | 10,4        | 17,5       | 1573     | 1579     | 10,8      | 295      | 700             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 20:15    | 70°09,24    | 9°22,05    | 1564     | 1586     | 8,6       | 326      | 293             |     |       |               |           |         |            |            |  | 11 | 2 | 266 | 0 | 42 | 6 | Barbara | beim Umschalten auf 2000m des PS mehr<br>ganz starkes Rauschen!<br>90° "Kumbeel" bei 1550m<br>Eindringtiefe ~10m |
|          | 20:30    | 08,22       | 26,29      | 1532     | 1537     | 5,9       | 310      | 3455            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 20:45    | 07,38       | 28,23      | 1516     | 1539     | 6,5       | 350      | 1440            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 21:00    | 06,73       | 28,79      | 1553     | 1560     | 4,1       | 345      | 1103            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 21:15    | 06,61       | 29,13      | 1558     | 1564     | 1,5       | 339      | 2607            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 21:30    | 05,23       | 32,90      | 1545     | 1550     | 13,3      | 326      | 293             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 21:45    | 03,91       | 34,68      | 1512     | 1529     | 5,0       | 339      | 520             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 22:00    | 02,42       | 36,78      | 1413     | 1434     | 11,2      | 302      | 1995            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 22:15    | 01,24       | 38,56      | 1513     | 1520     | 10,3      | 341      | 488             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 22:30    | 00,22       | 40,95      | 1765     | 1772     | 8,1       | 319      | 1700            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 22:45    | 69°58,48    | 42,89      | 1861     | 1866     | 14,1      | 328      | 1800            |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
|          | 23:00    | 69°57,04    | 47,47      | 1893     | 1950     | 9,1       | 328      | 800             |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 23:15    | 55,33    | 50,70       | 2026       | 2107     | 7,2      | 297       | 850      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 23:30    | 53,89    | 53,48       | 2147       | 2163     | 5,6      | 329       | 800      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 23:45    | 51,59    | 56,87       | 2433       | 2439     | 10,4     | 336       | 400      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 30/11/97 | 24:00    | 49,89       | 10°01,41   | 2600     | 2628     | 10,4      | 321      | 800             | 11  | 2     | 266           | 0         | 42      | 6          | Tordana    | Kein Signal<br>mit<br>Vielrauschen<br>Quittet den System & pulst<br>ein<br>UND? WIEDER MIT |    |   |     |   |    |   |         |  |
| 24:15    | 65°47,7  | 10°07,2     | 2516       | 3176     | 11,3     | 355,9     | 280      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:30    | 65°46,7  | 10°05,4     | 3208       | 3277     | 12,2     | 337,3     | 2000     |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:45    | 65°45,4  | 10°03,4     | 3132       | 3167     | 14,1     | 320       | 600      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:00    | 69°41,3  | 10°07,7     | 3100       | 3156     | 9,6      | 294,6     | 1550     |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:15    | 69°39,5  | 10°24,5     | 3034       | 3047     | 13,6     | 329,6     | 890      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:30    | 69°36,6  | 10°25,3     | 3227       | 3343     | 12,1     | 315,5     | 150      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |
| 24:45    | 69°33,8  | 10°37,7     | 3370       | 3397     | 14,4     | 355       | 425      |                 |     |       |               |           |         |            |            |  |    |   |     |   |    |   |         |  |



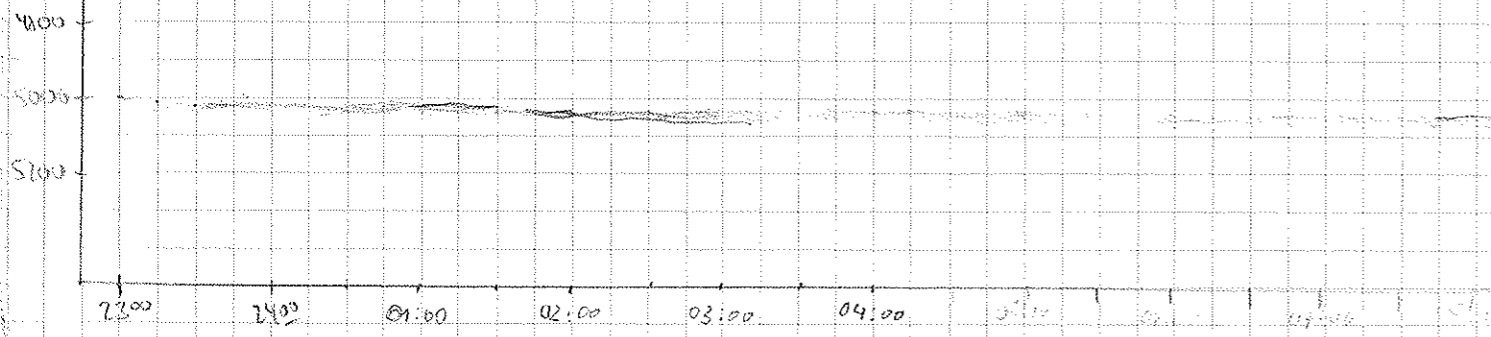
| Datum    | ZEIT UTC | BRÜTE (°S) | LÄNGE [°W] | TIEFE PS | TIEFE HS | GESCHW (km) | KURZ (°) | MAX. AMPL. | REF. | PULSE | RECORD LENGTH | WAIT TIME | TAPE Nr | DEFO ROLLE | WACHE       | BEZUGSPUNKT   |
|----------|----------|------------|------------|----------|----------|-------------|----------|------------|------|-------|---------------|-----------|---------|------------|-------------|---|
| 30/07/47 | 02:00    | 65°30.8    | 10°33.7    | 3840     | 3855     | 12.8        | 10.7     | 5000       | ✓    | 2     | 266           | 0         | 42      | 6          | Top Johnson | Kita  |
|          | 15       | 65°29.4    | 10°36.3    | 3900     | 3927     | 15.0        | 312.7    | 10000      | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 65°26.4    | 10°40.9    | 3918     | 3933     | 12.6        | 316.4    | 1153       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 65°22.2    | 10°43.3    | 3862     | 3884     | 14.0        | 320.9    | 700        | "    | "     | "             | "         | "       | "          | "           | Wieder was zu machen  |
| 03:00    | 00       | 65°22.1    | 10°45.5    | 3858     | 3854     | 12.8        | 355      | 1100       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 65°18.3    | 10°54.5    | 3901     | 3910     | 13.3        | 253.7    | 1150       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 65°17.00   | 10°50.3    | 3973     | 11.1!?   | 11.8        | 0.5      | 1400       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 65°15.2    | 10°05.1    | 4006     | 4025     | 11.0        | 280      | 850        | "    | "     | "             | "         | "       | "          | "           | "   |
| 04:00    | 00       | 13.3       | 10.4       | -        | 4076     | 11.9        | 381      | 300        | 4    | 2     | "             | "         | "       | "          | Heeschen    | richtig dicken Sedimentkollekt (Keine PS Tiefe, sondern auf Start 5 Tiefe was falsch eingestellt keine Übertragung d. neuer Tiefe, sondern SE WEISSE! |
|          | 15       | 10.6       | 12.5       | -        | 4160     | 11.6        | 322      | 300        | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 8.2        | 16.1       | 4227     | 4244     | 10.9        | 346      | 10000      | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 5.9        | 17.7       | 4286     | 4303     | 8.3         | 337      | 1300       | "    | "     | "             | "         | 43      | "          | "           | "   |
| 05:00    | 00       | 3.7        | 21.0       | 4313     | 4334     | 10.7        | 328      | 1500       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 1.9        | 23.6       | 4365     | 4404     | 10.0        | 321      | 1700       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 68°51.9    | 11°27.9    | 4471     | 4516     | 9.7         | 310      | 1300       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 58.0       | 32.7       | 4590     | 4594     | 13.1        | 314      | 1300       | "    | "     | "             | "         | "       | "          | "           | "   |
| 06:00    | 00       | 55.6       | 35.6       | 4720     | 4738     | 8.8         | 342      | 1400       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 53.3       | 39.4       | 4747     | 4763     | 12.4        | 328      | 3000       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 50.9       | 43.7       | 4790     | 4879     | 8.2         | 328      | 2800       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 48.7       | 46.6       | 4791     | 4811     | 12.5        | 340      | 1000       | "    | "     | "             | "         | "       | "          | "           | "   |
| 07:00    | 00       | 46.1       | 49.9       | 4810     | 4850     | 12.5        | 342      | 2500       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 44.0       | 53.8       | 4848     | 4868     | 12.4        | 320      | 1700       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 42.3       | 57.4       | 4870     | 4866     | 11.7        | 325      | 1200       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 68°34.1    | 12°02.3    | 4865     | 4883     | 13.1        | 320      | 1600       | "    | "     | "             | "         | "       | "          | "           | "   |
| 08:00    | 00       | 37.1       | 06.4       | 4840     | 4889     | 11.9        | 322      | 1500       | "    | "     | "             | "         | "       | "          | "           | ET ~ 20min  |
|          | 15       | 34.7       | 11.3       | 4878     | 4894     | 13.3        | 321      | 1700       | "    | "     | "             | "         | "       | "          | Heeschen    | "   |
|          | 30       | 32.3       | 16.6       | 4883     | 4899     | 11.9        | 321      | 2400       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 20.6       | 20.5       | 4867     | 4902     | 5.4         | 310      | 1800       | "    | "     | "             | "         | "       | "          | "           | "   |
| 09:00    | 00       | 29.9       | 22.9       | 4887     | 4902     | 7.8         | 309      | 900        | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 28.4       | 26.4       | 4890     | 4911     | 7.6         | 328      | 1200       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 26.6       | 29.6       | 4892     | 4985     | 8.9         | 324      | 1700       | "    | "     | "             | "         | "       | "          | "           | Tapewechsel 9:33 43-44  |
|          | 45       | 25.0       | 32.6       | 4894     | 4909     | 8.6         | 328      | 4000       | "    | "     | "             | "         | 44      | "          | "           | "   |
| 10:00    | 00       | 23.1       | 36.0       | 4896     | 4914     | 8.3         | 327      | 5300       | "    | "     | "             | "         | "       | "          | See         | Top eben ET ~ 20min   |
|          | 15       | 21.4       | 39.2       | 4897     | 4913     | 9.6         | 321      | 4000       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 19.6       | 42.7       | 4899     | 4916     | 8.6         | 331      | 3300       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 18.0       | 44.9       | 4902     | 4919     | 8.5         | 335      | 2000       | "    | "     | "             | "         | "       | "          | See         | "   |
| 11:00    | 00       | 15.9       | 47.6       | 4905     | 4925     | 9.3         | 339      | 3200       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 15       | 13.9       | 50.3       | 4908     | 4926     | 9.2         | 329      | 3000       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 30       | 12.2       | 52.6       | 4911     | 4931     | 6.1         | 322      | 2000       | "    | "     | "             | "         | "       | "          | "           | "   |
|          | 45       | 10.3       | 55.2       | 4911     | 4927     | 8.5         | 349      | 1800       | "    | "     | "             | "         | "       | "          | "           | "   |
| 12:00    | 00       | 68°08.4    | 12°57.7    | 4912     | 4932     | 9.2         | 330      | 2460       | "    | "     | "             | "         | "       | "          | Susanne     | "   |



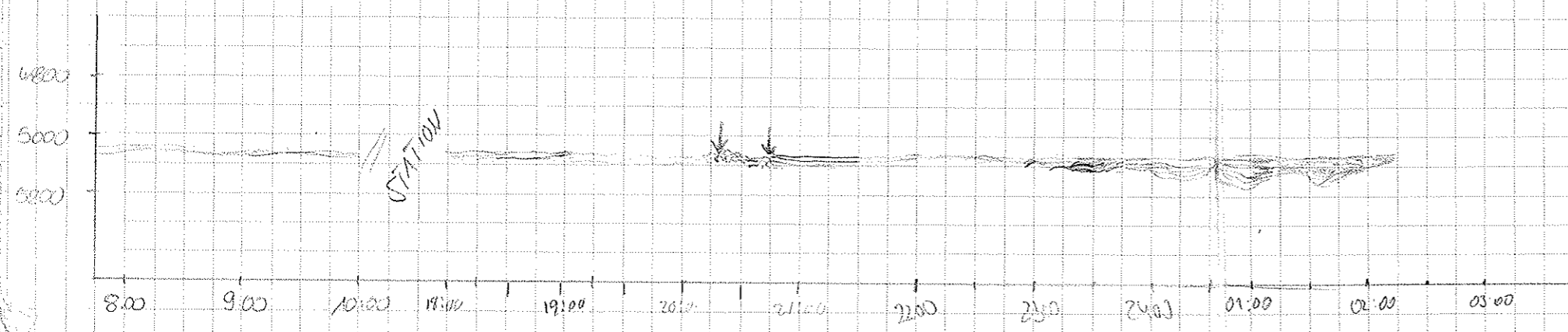
| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe HS | SSW. [KV] | Kurs [°] | Max. Amplitud | Freq. | Pulse | Record Length | Wait Time | Tape No. | Deso Role | Wade      | Bemerkung                                  |
|----------|----------|-------------|------------|----------|----------|-----------|----------|---------------|-------|-------|---------------|-----------|----------|-----------|-----------|--|
| 30.11.97 | 12:15    | 68°06,0     | 13°00,2    | 4914     | 4929     | 10        | 342      | 3852          | 4     | 2     | 266           | 0         | 44       | 6         | Susanne   |  |
| "        | 12:30    | 04,1        | 02,6       | 4916     | 4933     | 8,7       | 330      | 3225          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 12:45    | 02,6        | 13°04,2    | 4917     | 4936     | 9,4       | 40       | 3415          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 13:00    | 00,8        | 03,6       | 4919     | 4940     | 9,8       | 328      | 4002          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 13:15    | 67°58,5     | 13°04,9    | 4920     | 4939     | 8,8       | 316      | 5600          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 13:30    | 56,3        | 06,2       | 4922     | 4941     | 9,5       | 355      | 3580          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 13:45    | 53,9        | 13°07,4    | 4923     | 4941     | 9,8       | 341      | 4785          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 14:00    | 51,81       | 10,17      | 4926     | 4945     | 8,7       | 312      | 3500          | "     | "     | "             | "         | "        | "         | Ulrich    |  |
| "        | :15      | 45,18       | 12,53      | 4932     | 4950     | 11,0      | 14       | 5000          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 47,20       | 12,38      | 4938     | 4959     | 10,8      | 159,2    | 3100          | "     | "     | "             | "         | 45       | "         | "         | Tapewechsel 14.18 No. 45                   |
| "        | :45      | 44,71       | 11,76      | 4943,5   | 4963     | 9,2       | 293,1    | 3500          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 15:00    | 43,00       | 16,01      | 4946     | 4965     | 8,8       | 274      | 3500          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :15      | 41,55       | 20,48      | 4946     | 4965     | 10,2      | 355      | 3500          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 38,96       | 19,72      | 4950     | 4971     | 10,6      | 24       | 2000          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :45      | 36,50       | 20,36      | 4952     | 4970     | 12,4      | 339      | 4200          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 16:00    | 34,10       | 24,39      | 4950     | 4969     | 11,5      | 38       | 2007          | "     | "     | "             | "         | "        | "         | Barbara   |  |
| "        | :15      | 31,76       | 26,91      | 4954     | 4972     | 11,4      | 32,0     | 2992          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 30,72       | 31,79      | 4953     | 4975     | 9,8       | 296      | 3263          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :45      | 29,99       | 37,84      | 4953     | 4970     | 10,6      | 306      | 2360          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 17:00    | 28,37       | 42,26      | 4955     | 4973     | 10,9      | 341      | 2832          | "     | "     | "             | "         | "        | "         | "         | ALLES IN BUTTER!                           |
| "        | :15      | 25,93       | 40,46      | 4959     | 4980     | 13,0      | 26       | 2667          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 24,09       | 44,26      | 4959     | 4976     | 10,4      | 315      | 1986          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :45      | 23,06       | 48,70      | 4959     | 4981     | 9,6       | 320      | 3535          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 18:00    | 20,12       | 51,16      | 4959     | 4980     | 6,8       | 1,5      | 938           | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :15      | 67°17,73    | 13°59,10   | 4962     | 4981     | 11,2      | 238      | 1672          | "     | "     | "             | "         | "        | "         | BERNARDO! |  |
| "        | :30      | 64°15,72    | 13°18,22   | 4964     | 4980     | 8,1       | 317      | 2750          | "     | "     | "             | "         | "        | "         | "         | FT ~ 20 m                                  |
| "        | :45      | 61°14,60    | 14°01,21   | 4966     | 4984     | 10,1      | 329      | 2140          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 19:00    | 61°11,72    | 14°04,70   | 4968     | 4986     | 8,0       | 326      | 3587          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :15      | 61°10,64    | 14°08,75   | 4970     | 4988     | 8,6       | 326      | 959           | "     | "     | "             | "         | 46       | "         | "         |  |
| "        | :30      | 61°8,42     | 14°11,92   | 4974     | 4992     | 11,7      | 326      | 3435          | "     | "     | "             | "         | "        | "         | "         | wie ein Reisfeld in Schein der Mitternacht |
| "        | :45      | 61°6,28     | 14°13,54   | 4977     | 4992     | 9,0       | 330      | 2570          | "     | "     | "             | "         | "        | "         | "         | nicht der Grund der Tiefe gleich           |
| "        | 20:00    | 61°4,67     | 14°17,30   | 4978     | 5011     | 7,5       | 315      | 1950          | "     | "     | "             | "         | "        | "         | "         | IT ~ 20 m                                  |
| "        | :15      | 2,73        | 22,04      | 4985     | 4999     | 10,0      | 349      | 1700          | "     | "     | "             | "         | "        | "         | TORGE     |  |
| "        | :30      | 0,67        | 24,49      | 4984     | 4998     | 8,5       | 320      | 900           | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :45      | 66°58,52    | 14°27,04   | 4985     | 5005     | 12,0      | 324      | 2500          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 21:00    | 56,88       | 29,45      | 4989     | 5248,2   | 5,0       | 280      | 2550          | "     | "     | "             | "         | "        | "         | "         | ETA 20m                                    |
| "        | :15      | 56,23       | 33,84      | 4989     | 5008     | 11,9      | 320      | 3600          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 53,30       | 36,17      | 4989     | 5010     | 11,1      | 345      | 3350          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :45      | 51,53       | 38,96      | 4990     | 5312,2   | 8,2       | 324      | 3800          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | 22:00    | 49,63       | 43,35      | 4991     | 5006     | 10,8      | 215      | 2000          | "     | "     | "             | "         | "        | "         | Finketeje |  |
| "        | :15      | 66°47,55    | 45,10      | 4990     | 5015     | 6,5       | 14 ?     | 1851          | "     | "     | "             | "         | "        | "         | "         |  |
| "        | :30      | 46,20       | 47,39      | 4995     | 5017     | 8,2       | 300      | 3400          | "     | "     | "             | "         | "        | "         | "         | 22:35 - 38 Loch mit 10m Tiefe              |
| "        | :45      | 45,60       | 50,9       | 4994     | 5011     | 9,0       | 283      | 1450          | "     | "     | "             | "         | "        | "         | "         | Deso - Poller Wechsel                      |



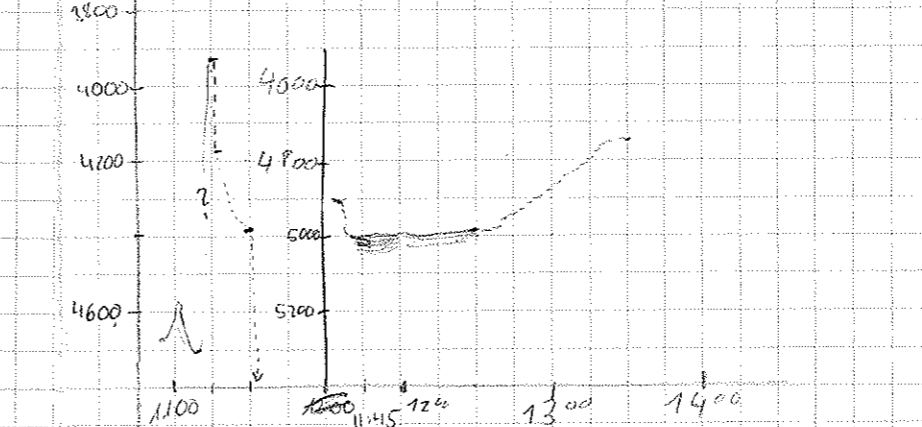
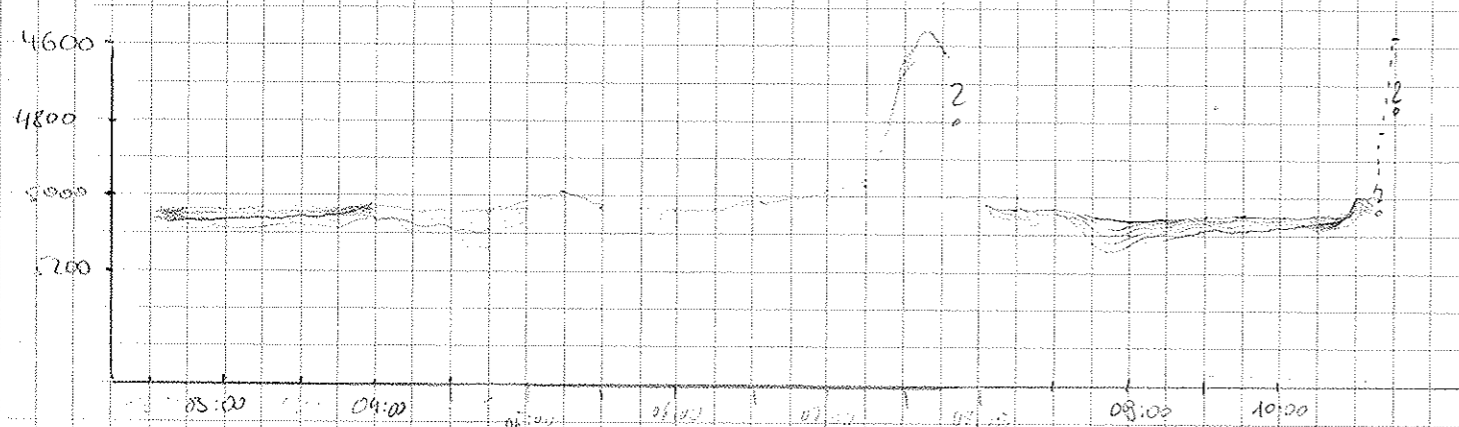
| TIME     | ZEIT UTC | BREITE E°S | LÄNGE E°W | TIEFE PS | TIEFE HS | GESCHW. [km] | KURS [°] | MAX. MIN. PL. | REAR | PULSE | RECORD LENGTH | WAIT TIME | TAPE NO | DESO ROLL | NOTICE     | BEIMERKUNGEN   |
|----------|----------|------------|-----------|----------|----------|--------------|----------|---------------|------|-------|---------------|-----------|---------|-----------|------------|--|
| 20.11.97 | 22:55    |            |           |          |          |              |          |               |      |       | 266           | 0         | 46      | 7         | Funker seg | 15 keine Tiefenänderung mit Höhe, Neustart ET in 10m |
|          | 23:00    | 66°44'53"  | 14°56'30" | 5002     | 5022     | 8.0          | 315      | 2202          |      |       |               |           |         |           |            |  |
|          | :15      | 42'68"     | 15°00'11" | 5008     | 5028     | 11.0         | 339      | 2700          |      |       |               |           |         |           |            |  |
|          | :30      | 40'53"     | 02'26"    | 5010     | 5027     | 11.0         | 316      | 3500          |      |       |               |           |         |           |            |  |
|          | :45      | 66°38'6"   | 15°06'6"  | 5012     | 5027     | 8.8          | 323      | 3000          |      |       |               |           |         |           | Portwan    |  |
| 01/12/97 | 00:00    | 66°36'5"   | 15°09'3"  | 5012     | 5039     | 6.0          | 314.6    | 2500          |      |       |               |           |         |           |            |  |
|          | :15      | 66°34'4"   | 15°13'0"  | 5014     | 4920     | 10.9         | 357.6    | 2000          |      |       |               |           | 47      |           |            |  |
|          | :30      | 66°32'1"   | 15°16'2"  | 5015     | 5039     | 8.1          | 316.7    | 1800          |      |       |               |           |         |           |            |  |
|          | :45      | 66°30'7"   | 15°13'3"  | 5014     | 5034     | 11.0         | 311.1    | 3000          |      |       |               |           |         |           |            |  |
|          | 01:00    | 66°29'7"   | 15°24'4"  | 5014     | 5032     | 11.4         | 215.4    | 2100          |      |       |               |           |         |           |            |  |
|          | :15      | 66°27'9"   | 15°26'5"  | 5017     | 5036     | 8.1          | 337.1    | 2500          |      |       |               |           |         |           |            |  |
|          | :30      | 66°25'3"   | 15°27'3"  | 5020     | 5039     | 8.3          | 314.1    | 2500          |      |       |               |           |         |           |            |  |
|          | :45      | 66°23'3"   | 15°30'7"  | 5017     | 5040     | 9.6          | 316      | 4000          |      |       |               |           |         |           |            |  |
|          | 02:00    | 66°21'5"   | 15°34'5"  | 5022     | 5044     | 9.3          | 5.4      | 1000          |      |       |               |           |         |           |            |  |
|          | :15      | 66°19'5"   | 15°36'6"  | 5023     | 5041     | 11.9         | 325.2    | 3000          |      |       |               |           |         |           |            |  |
|          | :30      | 66°17'5"   | 15°40'6"  | 5024     | 5040     | 8.7          | 268.9    | 7100          |      |       |               |           |         |           |            |  |
|          | :45      | 66°16'5"   | 15°45'5"  | 5024     | 5043     | 8.8          | 340.2    | 2400          |      |       |               |           |         |           |            |  |
|          | 03:00    | 66°14'3"   | 15°50'2"  | 5025     | 5042     | 10.8         | 337.6    | 2400          |      |       |               |           |         |           |            |  |
|          | :15      | 66°13'6"   | 15°55'7"  | 5025     | 5043     | 12.1         | 301.1    | 3200          |      |       |               |           |         |           |            |  |
|          | :30      | 66°11'9"   | 15°59'7"  | 5028     | 5047     | 11.0         | 346.6    | 4200          |      |       |               |           |         |           |            |  |
|          | :45      | 66°09'9"   | 16°01'9"  | 5033     | 5052     | 7.7          | 294.1    | 2600          |      |       |               |           |         |           |            |  |
|          | 04:00    | 66°07'9"   | 16°04'2"  | 5033     | 5054     | 19.9         | 328.2    | 2000          |      |       |               |           |         |           |            |  |
|          | :15      | 06.1       | 08.1      | 5036     | 5058     | 10.3         | 319      | 5000          |      |       |               |           |         |           | Unklar     |  |
|          | :30      | 03.9       | 15.0      | 5041     | 5060     | 11.8         | 352      | 2700          |      |       |               |           |         |           |            |  |
|          | :45      | 02.5       | 15.5      | 5041     | 5061     | 8.5          | 320      | 2100          |      |       |               |           |         |           |            |  |
|          | 05:00    | 01.0       | 18.0      | 5042     | 5061     | 8.4          | 302      | 800           |      |       |               |           |         |           |            |  |
|          | :15      | 66°59'6"   | 23'8"     | 5045     | 5062     | 4.4          | 316      | 1400          |      |       |               |           |         |           |            |  |
|          | :30      | 57'3"      | 24'1"     | 5048     | 5062     | 4.4          | 335      | 500           |      |       |               |           |         |           |            |  |
|          | :45      | 55'6"      | 30'4"     | 5050     | 5068     | 9.6          | 339      | 2700          |      |       |               |           |         |           |            |  |
|          | 06:00    | 54'0"      | 30'8"     | 5054     | 5101     | 7.7          | 342      | 3700          |      |       |               |           |         |           |            |  |
|          | :15      | 51'6"      | 34'0"     | 5052     | 5069     | 12.9         | 335      | 6200          |      |       |               |           |         |           |            |  |
|          | :30      | 49'9"      | 36'0"     | 5052     | 5071     | 10.7         | 315      | 1400          |      |       |               |           |         |           |            |  |
|          | :45      | 48'3"      | 40'6"     | 5054     | 5073     | 10.7         | 298      | 2400          |      |       |               |           |         |           |            |  |
|          | 07:00    | 47'2"      | 44'0"     | 5055     | 5074     | 8.2          | 352      | 2700          |      |       |               |           |         |           |            |  |
|          | :15      | 45'4"      | 47'3"     | 5056     | 5074     | 10.7         | 293      | 1400          |      |       |               |           |         |           |            |  |
|          | :30      | 43'0"      | 50'5"     | 5055     | 5075     | 11.3         | 315      | 1400          |      |       |               |           |         |           |            |  |
|          | :45      | 41'1"      | 53'2"     | 5055     | 5076     | 10.2         | 341      | 1700          |      |       |               |           |         |           |            |  |
|          | 08:00    | 66°38'28"  | 16°53'18" | 5056     | 5073     | 12.3         | 11.6     | 2525          |      |       |               |           |         |           | Jenise     |  |



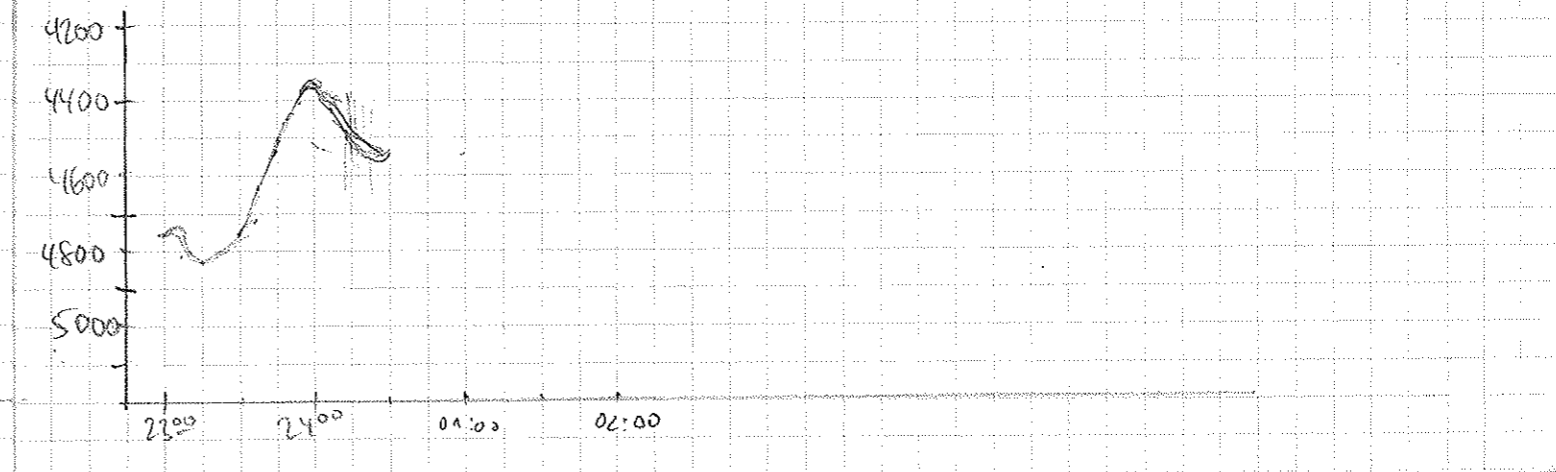
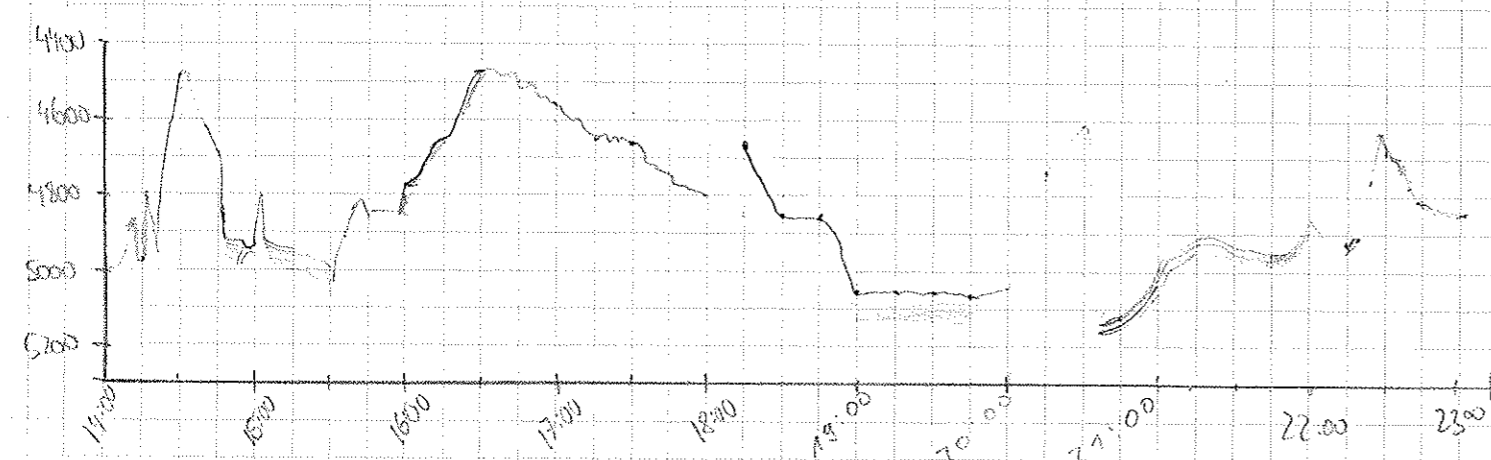
| Time     | Zeit UTC | Latitude | Longitude | Temp PS | Temp WS | Sp. Cond. (ppt) | Wind [m/s] | Wind Dir. (m/s) | Wind Dir. (deg) | Phase | Record Length | Wind Time | Temp No | Dose Pulls | Work       | Remarks  |
|----------|----------|----------|-----------|---------|---------|-----------------|------------|-----------------|-----------------|-------|---------------|-----------|---------|------------|------------|--|
| 1.12.97  | 8:15     | 65°25.25 | 16°52.78  | 5059    | 5078    | 12.3            | 322.3      | 850.6           | 4               | 2     | 266           | 0         | 48      | 7          | Jenise     |  |
|          | 8:30     | 65°23.06 | 16°57.71  | 5062    | 5080    | 12.6            | 314        | 2795            | "               | "     | "             | "         | "       | "          | "          | ET ~ 40m   |
|          | 8:45     | 65°20.95 | 17°03.73  | 5068    | 5076    | 12.5            | 310.3      | 14944           | "               | "     | "             | "         | "       | "          | "          |  |
|          | 9:00     | 65°29.42 | 17°09.49  | 5058    | 5077    | 12.0            | 316.5      | 1292            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 9:15     | 65°26.89 | 17°11.04  | 5062    | 5084    | 12.2            | 26.0       | 680             | "               | "     | "             | "         | "       | "          | "          |  |
|          | 9:20     | 65°23.92 | 17°09.65  | 5066    | 5084    | 10.2            | 16.2       | 13125 !         | "               | "     | "             | "         | "       | "          | "          | ET ~ 10m   |
|          | 9:45     | 65°21.50 | 17°10.31  | 5065    | 5084    | 9.8             | 8.3        | 1333.8          | "               | "     | "             | "         | "       | "          | "          |  |
|          | 10:00    | 20.13    | 09.74     | 5067    | 5086    | 2.2             | 44.7       | 172.6           | "               | "     | "             | "         | 49      | "          | Kolja      | 9:50 Tapwechsel 48 → 49                                    |
|          | 15       | 20.08    | 09.47     | 5068    | 5086    | 0.2             | 302.6      | 158.3           | "               | "     | "             | "         | "       | "          | "          | Stud. on (Lusifer Pumpen & Formel F.L.S.C.P.D.)<br>PS47054 |
|          | 18:15    | 65°20.5  | 17°02.6   | 5066    | 5084    | 10.7            | 314        | 119.0           | "               | "     | "             | "         | "       | "          | "          | 18:15 End PS47054  |
|          | 1:30     | 19.29    | 06.8      | 5068    | 5087    | 10.8            | 314        | 1700            | "               | "     | "             | "         | "       | "          | Frika-sejs | ET ~ 20m   |
|          | 1:45     | 19.43    | 07.37     | 5066    | 5084    | 10.0            | 346        | 600             | "               | "     | "             | "         | "       | "          | "          | ET ~ 10m   |
|          | 19:00    | 15.11    | 11.36     | 5070    | 5089    | 11.7            | 314        | 800             | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:55     | 12.6     | 13.8      | 5064    | 5085    | 11.6            | 323        | 2700            | "               | "     | "             | "         | "       | "          | Urbis?     | ET ~ 40m   |
|          | 2:30     | 10.0     | 17.4      | 5065    | 5065    | 12.4            | 354        | 2300            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 20:00    | 05.7     | 25.7      | 5063    | 5083    | 13.1            | 318        | 2000            | "               | "     | "             | "         | "       | "          | Sven       |  |
|          | 1:15     | 02.7     | 29.6      | 5059    | 5081    | 12.7            | 309        | 1200            | "               | "     | "             | "         | "       | "          | "          | ET ~ 40m   |
|          | 1:30     | 00.8     | 34.7      | 5064    | 5080    | 13.0            | 316        | 1500            | "               | "     | "             | "         | "       | "          | "          | 20:20 change in sediment distribution                      |
|          | 1:45     | 64°58.5  | 40.2      | 5055    | 5076    | 11.9            | 300        | 1400            | "               | "     | "             | "         | "       | "          | "          | ↳ less sediment & Rimmrocks                                |
|          | 21:00    | 57.1     | 45.6      | 5056    | 5076    | 12.3            | 318        | 1200            | "               | "     | "             | "         | "       | "          | "          | 20:40 sediment thickens, clear layering                    |
|          | 1:15     | 54.7     | 47.3      | 5056    | 5075    | 11.2            | 19         | 1500            | "               | "     | "             | "         | "       | "          | "          | ET ~ 35m   |
|          | 1:30     | 52.8     | 47.2      | 5059    | 5076    | 10.4            | 28         | 1100            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:45     | 50.3     | 48.5      | 5054    | 5077    | 7.7             | 237        | 1400            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 22:00    | 50.4     | 48.5      | 5055    | 5076    | 1.9             | 35         | 1400            | "               | "     | "             | "         | "       | "          | Schwärz    |  |
|          | 1:15     | 50.4     | 48.8      | 5055    | 5075    | 4.0             | 707        | 1400            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:30     | 50.7     | 52.6      | 5055    | 5075    | 5.3             | 245        | 1400            | "               | "     | "             | "         | "       | "          | "          | Tapwechsel 22:44 No. 50                                    |
|          | 1:45     | 50.2     | 58.6      | 5058    | 5073    | 6.5             | 280        | 1400            | "               | "     | "             | "         | 50      | "          | "          |  |
|          | 23:00    | 48.7     | 18.01.1   | 5056    | 5078    | 6.9             | 305        | 2400            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:15     | 47.8     | 03.8      | 5053    | 5076    | 10.8            | 333        | 2300            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:30     | 46.4     | 08.4      | 5053    | 5081    | 11.8            | 237        | 2200            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:45     | 45.9     | 15.1      | 5051    | 5075    | 8.9             | 304        | 1200            | "               | "     | "             | "         | "       | "          | "          |  |
| 02/12/97 | 09:00    | 44.7     | 18.3      | 5057    | 5077    | 12.9            | 324        | 1400            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:15     | 64°40.8  | 27.8      | 5050    | 5077    | 13.1            | 334        | 2250            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:30     | 64°38.8  | 18°27.5   | 5048    | 5074    | 9.0             | 337.0      | 4000            | "               | "     | "             | "         | "       | "          | Postken    |  |
|          | 1:45     | 64°36.2  | 18°17.8   | 5043    | 5068    | 10.3            | 304.0      | 2500            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 01:00    | 64°32.2  | 18°34.10  | 5046    | 5070    | 11.0            | 250.0      | 2000            | "               | "     | "             | "         | "       | "          | "          | ET and kelan...  |
|          | 1:15     | 64°34.3  | 18°35.3   | 5045    | 5069    | 11.6            | 9.2        | 2700            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:30     | 64°31.5  | 18°37.6   | 5044    | 5071    | 12.5            | 310.9      | 3400            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:15     | 64°30.2  | 18°43.9   | 5046    | 5062    | 9.4             | 262.9      | 2000            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 02:00    | 64°30.0  | 18°48.6   | 5044    | 5045    | 9.0             | 310.0      | 2300            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:15     | 64°28.2  | 18°52.5   | 5043    | 5067    | 11.2            | 335.0      | 2900            | "               | "     | "             | "         | "       | "          | "          |  |
|          | 1:30     | 64°26.5  | 18°56.5   | 5037    | 5062    | 11.2            | 356.8      | 3000            | "               | "     | "             | "         | "       | "          | "          |  |



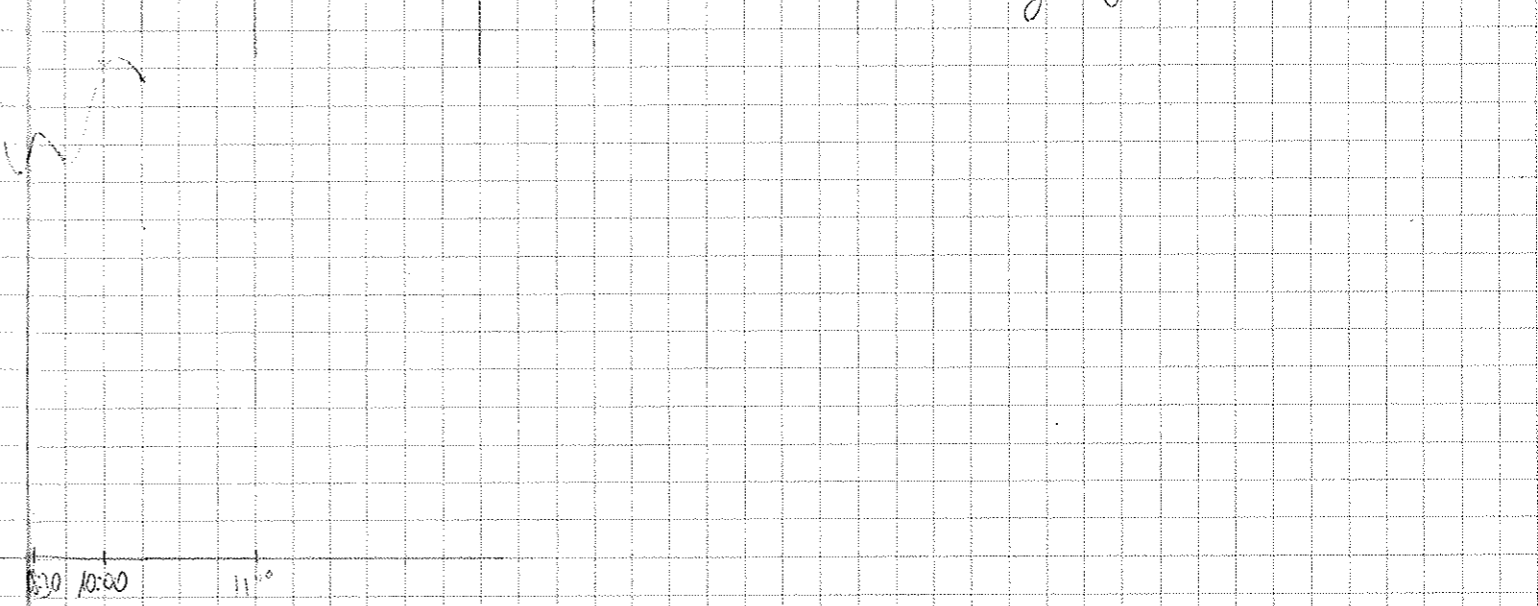
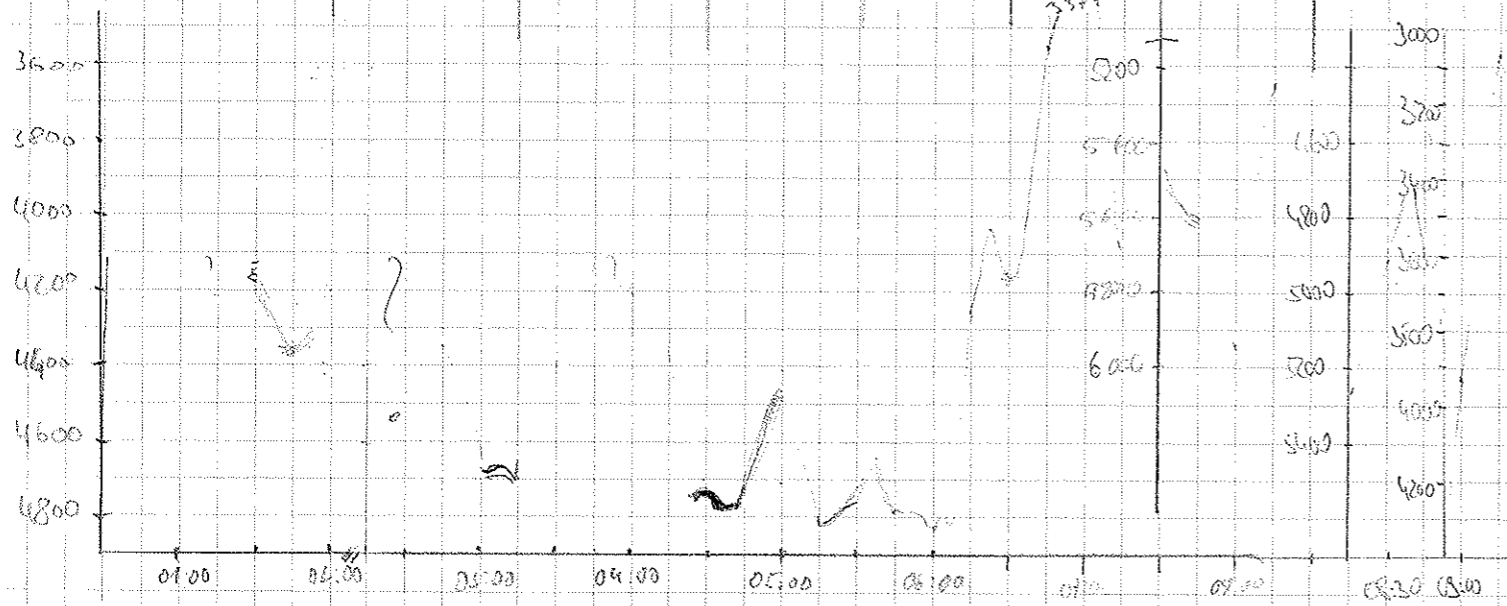
| Datum    | Zeit UTC | Breite °S | Länge °W | Tiefe PS        | Tiefe H.S. | Geschw. [km/h] | Kurs [°] | Max Amplit. [mV] | PS | Pulse | Record Length | Wail time | Tape No. | Deso Rolle | Wache     | Comment  |
|----------|----------|-----------|----------|-----------------|------------|----------------|----------|------------------|----|-------|---------------|-----------|----------|------------|-----------|--|
| 02/12/97 | 02:45    | 64°25.2   | 18°58.9  | 5034            | 5062       | 11.9           | 277.1    | 3000             | 4  | 2     | 266           | 0         | 50       | 7          | Port-haus |  |
|          | 03:00    | 64°22.2   | 18°05.1  | 5027            | 5050       | 12.4           | 322.6    | 900              | "  | "     | "             | "         | "        | "          | "         | nix water passiert   |
|          | 03:15    | 64°21.3   | 18°10.3  | 5032            | 5062       | 11.3           | 316.8    | 1500             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 03:30    | 64°20.0   | 18°16.4  | 5032            | 5051       | 12.6           | 323.8    | 2000             | "  | "     | "             | "         | 57       | "          | "         | 03.27 TAPEWECHSEL  |
|          | 03:45    | 64°17.3   | 18°19.6  | 5024            | 5053       | 12.5           | 312.8    | 1400             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 04:00    | 64°15.4   | 18°23.8  | 5010            | 5033       | 13.4           | 346.1    | 1300             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 04:15    | 13.5      | 27.8     | 5049            | 5000       | 11.0           | 392      | 2400             | "  | "     | "             | "         | "        | "          | "         | Wache  |
|          | 04:30    | 11.4      | 32.8     | 5018            | 5020       | 12.6           | 305      | 2900             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 04:45    | 9.5       | 38.5     | 5018            | 5010       | 13.1           | 316      | 2200             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 05:00    | 7.5       | 40.7     | 5022            | 5023       | 11.7           | 392      | 1500             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 05:15    | 6.0       | 47.6     | 4993            | 5021       | 11.8           | 314      | 900              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 05:30    |           |          |                 |            |                |          |                  | "  | "     | "             | "         | "        | "          | "         |  |
|          | 05:45    | 1.9       | 51.6     | 5018            | 5046       | 11.1           | 320      | 2200             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 06:00    | 63°59.8   | 57.2     | 5029            | 5052       | 10.7           | 240      | 2200             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 06:15    | 59.9      | 20°00.6  | 5034            | 5059       | 6.6            | 343      | 2400             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 06:30    | 57.6      | 00.4     | 5014            | 5040       | 9.4            | 10       | 1200             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 06:45    | 56.3      | 6.1      | 5006            | 5030       | 13.0           | 302      | 800              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 07:00    | 54.8      | 12.5     | 4968            | 4995       | 7.7            | 201      | 1400             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 07:15    | 53.4      | 17.6     | 4970            | 4998       | 13.4           | 309      | 800              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 07:30    | 51.0      | 21.1     | 4619            | 4636       | 11.0           | 350      | ?                | "  | "     | "             | "         | "        | "          | "         |  |
|          | 07:45    | 48.9      | 22.4     | 4399            | 4618       | 10.3           | 350      | 4500             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 08:00    | 46.7      | 23.5     | <del>4373</del> | 5038       |                |          |                  | "  | "     | "             | "         | "        | "          | "         |  |
|          | 08:15    | 63°44.2   | 20°24.8  | 5034            | 5063       | 12.1           | 355      | 1000             | "  | "     | "             | "         | "        | "          | Baarte    | PS-Tiefenaktion, Neustart  |
|          | 08:30    | 40.8      | 25.2     | 5036            | 5066       | 12.5           | 2.5      | 1900             | "  | "     | "             | "         | 51       | "          | "         | 08:28 TAPEWECHSEL → No 52  |
|          | 08:45    | 38.2      | 25.7     | 5058            | 5089       | 8.3            | 350      | 750              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 09:00    | 36.0      | 27.3     | 5069            | 5097       | 12.3           | 304      | 800              | "  | "     | "             | "         | "        | "          | "         | GT ~ 100 m   |
|          | 09:15    | 36.8      | 33.7     | 5066            | 5089       | 12.1           | 272      | 1050             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 09:30    | 37.8      | 39.4     | 5057            | 5087       | 9.0            | 259      | 1400             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 09:45    | 37.3      | 44.3     | 5044            | 5073       | 12.8           | 306      | 1100             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 10:00    | 35.4      | 49.3     | 5014            | 5075       | 12.1           | 334      | 1100             | "  | "     | "             | "         | "        | "          | Wafja     |  |
|          | 10:15    | 32.8      | 52.2     | 5010            | 5068       | 10.8           | 335      | 800              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 10:30    | 30.5      | 54.0     | 4994            | 5016       | 9.0            | 337      | 900              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 10:45    | 28.1      | 55.4     |                 | 4627       | 10.4           | 305      | 800              | "  | "     | "             | "         | "        | "          | "         | 10:40 kaum Signale; starker morphologischer Anstieg; Tiefenangabe vorhanden - 11 <sup>40</sup> |
|          | 11:00    | 25.8      | 58.1     | 4630            | 4627       | 12.7           | 317      | 500              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 11:15    | 23.8      | 21°03.0  | 3919            | 4059       | 9.0            | 299      | 700              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 11:30    | 22.6      | 07.3     | 4391            | 4415       | 10.8           | 301      | 400              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 11:45    | 20.5      | 11.8     | 4994            | 5018       | 12.1           | 342      | 2400             | "  | "     | "             | "         | "        | "          | "         | FT ~ 50 m  |
|          | 12:00    | 18.8      | 15.4     | 5001            | 5031       | 11.7           | 284      | 1300             | "  | "     | "             | "         | "        | "          | "         |  |
|          | 12:15    | 63°17.9   | 21°20.5  | 5018            | 5018       | 12.2           | 310      | 1050             | "  | "     | "             | "         | "        | "          | See       |  |
|          | 12:30    | 17.6      | 25.2     | 4978            | 5005       | 5.7            | 289      | 470              | "  | "     | "             | "         | "        | "          | Wafja     |  |
|          | 12:45    | 16.7      | 28.9     | 4511            | 4614       | 12.9           | 306      | 134              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 13:00    | 15.7      | 34.0     | 4883            | 4976       | 10.4           | 302      | 311              | "  | "     | "             | "         | 53       | "          | "         | TAPEWECHSEL 52 → 53  |
|          | 13:15    | 15.0      | 40.4     | 3872            | 4066       | 11.8           | 260      | 126              | "  | "     | "             | "         | "        | "          | "         |  |
|          | 13:30    | 14.7      | 45.7     | 4982            | 5028       | 12.2           | 305      | 1317             | "  | "     | "             | "         | "        | "          | "         |  |



| Datum    | Zeit UTC | Breite [° S] | Länge [° W] | Tiefe [m] | Tick HS | Geschw [kn] | Kurs [°] | Max. Amplit [cm] | Freq [Hz] | Pulse | Record Length | Wait time | Tape No | Deso Rolle | Wache    | Bemerkungen  |
|----------|----------|--------------|-------------|-----------|---------|-------------|----------|------------------|-----------|-------|---------------|-----------|---------|------------|----------|--|
|          | 13:45    | 63° 12,6     | 21° 50,4    | 5001      | 5031    | 10,3        | 335      | 1753             | "         | 2     | 286           | 0         | 53      | 7          | Rufe     |  |
|          | 14:00    | 11,6         | 53,1        | 5004      | 5033    | 17,2        | 265      | 1400             | "         | "     | "             | "         | "       | "          | Sten     | ET ~ 150m, steil rauf & runter   |
|          | :15      | 10,5         | 58,0        | 4946      | 4881    | 17,5        | 295      | 1000!            | "         | "     | "             | "         | "       | "          | "        |  |
|          | :30      | 09,0         | 22° 01,1    | 4498      | 4529    | 5,1         | 315      | 800!             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :45      | 06,2         | 02,0        | 4701      | 4757    | 13,3        | 350      | 300              | "         | "     | "             | "         | "       | "          | "        | ET ~ 0-20m   |
|          | 15:00    | 03,4         | 04,6        | 48xx      | 4832    | 11,8        | 315      | 1000             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :15      | 01,3         | 07,9        | 4955      | 4979    | 11,8        | 329      | 1000             | "         | "     | "             | "         | "       | "          | "        | ET > 100m  |
|          | :30      | 62° 59,0     | 12,7        | 4980      | 5004    | 12,2        | 329      | 1400             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :45      | 56,4         | 15,9        | 4840      | 4852    | 10,6        | 360      | 1200             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 16:00    | 62° 54,15    | 22° 18,80   | 4783      | 4816    | 12          | 317,8    | 701              | "         | "     | "             | "         | "       | "          | Denise   | ET ~ 25m   |
|          | :15      | 52,43        | 22,32       | 4655      | 4680    | 9,8         | 323,7    | 869              | "         | "     | "             | "         | "       | "          | "        | 16 <sup>00</sup> - 17 <sup>00</sup> Deso Rolle ständig stehen gelassen |
|          | :30      | 49,67        | 22,26       | 4480      | 4504    | 13,3        | 342,2    | 378              | "         | "     | "             | "         | "       | "          | "        |  |
|          | :45      | 46,36        | 24,21       | 4617      | 4640    | 10,9        | 340,1    | 1659             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 17:00    | 45,47        | 28,16       | 4570      | 4588    | 12,3        | 288,6    | 1442             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 17:15    | 44,88        | 34,05       | 4613      | 4629    | 8,6         | 264,8    | 920              | "         | "     | "             | "         | "       | "          | "        |  |
|          | 17:30    | 43,89        | 39,16       | 0         | 4654    | 10,7        | 310,7    | 816,9            | "         | "     | "             | "         | "       | "          | "        |  |
|          | 17:45    | 41,xx        | 41,71       | 0         | 4903    | 7,4         | 311,2    | 1337             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 18:00    | 40,08        | 45,06       | 4772      | 4681    | 9,9         | 292,7    | 1554             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 18:18    | 38,08        | 46,14       | 4652      | 4681    | 8,8         | 2,7      | 1259             | "         | "     | "             | "         | 54      | "          | Susanne  | Tapewechsel  |
|          | 18:30    | 36,37        | 48,25       | 4835      | 4854    | 7,8         | 331,5    | 1231             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 18:45    | 34,35        | 50,31       | 4797      | 4846    | 10,6        | 353,1    | 1600             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 19:00    | 32,05        | 52,3        | 5036      | 5062    | 11          | 5,2      | 1770             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 19:15    | 29,9         | 54,7        | 5029      | 5059    | 7,3         | 338      | 2355             | "         | "     | "             | "         | "       | "          | "        | ET ~ 100m  |
|          | 19:30    | 27,7         | 55,1        | 5031      | 5060    | 8,5         | 353      | 2100             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 19:45    | 26,07        | 58,3        | 5034      | 5071    | 12,1        | 349      | 2029             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 20:00    | 24,6         | 23° 01,8    | -         | 5030    | 7,0         | 271      | 2500             | "         | "     | "             | "         | "       | "          | Ulrich   |  |
|          | :15      | 23,8         | 05,1        | 4668      | 4750    | 8,8         | 2        | 1100             | "         | "     | "             | "         | "       | "          | "        | kein Befehl  |
|          | :30      | 22,0         | 06,3        | 4570      | -       | 12,0        | 326      | 1400             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :45      | 19,6         | 06,3        | 5127      | 5127    | 11,5        | 350      | 4700             | "         | "     | "             | "         | "       | "          | "        | ~ 50m ET   |
|          | 21:00    | 17,0         | 08,0        | 4984      | 5022    | 12,1        | 2        | 2600             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :15      | 15,1         | 09,5        | 4550      | 4817    | 11,2        | 330      | 1700             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :30      | 13,0         | 11,8        | 4527      | 4557    | 10,0        | 332      | 2200             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :45      | 10,6         | 12,9        | 4554      | 4574    | 11,5        | 348      | 2100             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 22:00    | 8,3          | 13,2        | 4550      | -       | 11,7        | 344      | 500              | "         | "     | "             | "         | "       | "          | "        |  |
|          | :15      | 05,88        | 13,00       | 4927      | 4952    | 9,7         | 355      | 1100             | "         | "     | "             | "         | "       | "          | Finkeley | ET ~ 25m   |
|          | :30      | 03,53        | 12,84       | 4691      | 4717    | 5,5         | 305      | 800              | "         | "     | "             | "         | "       | "          | "        | 22:22 kein Signal  |
|          | :45      | 01,06        | 15,34       | 4817      | 4841    | 6,6         | 317      | 1300             | "         | "     | "             | "         | "       | "          | "        |  |
|          | 23:00    | 0,46         | 17,87       | 4858      | 4884    | 9,8         | 312      | 1900             | "         | "     | "             | "         | 55      | "          | "        | 23:10 Tapewechsel  |
|          | :15      | 61° 59,70    | 20,32       | 4827      | 4856    | 6,7         | 350      | 1200             | "         | "     | "             | "         | "       | "          | "        | ET ~ 25m   |
|          | :30      | 58,52        | 24,03       | 4770      | 4791    | 11,0        | 388      | 1700             | "         | "     | "             | "         | "       | "          | "        | Deso-Rolle läuft 23:20 - 23:40   |
|          | :45      | 56,42        | 25,14       | 4501      | 4525    | 5,1         | 355      | 800              | "         | "     | "             | "         | "       | "          | "        |  |
| 05/12/97 | 00:00    | 54,53        | 28,15       | 4403      | 4479    | 9,2         | 305      | 1000             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :15      | 61° 53,2     | 23° 30,94   | 4379      | 4388    | 5,8         | 278      | 1000             | "         | "     | "             | "         | "       | "          | "        |  |
|          | :30      | 61° 52,1     | 23° 34,7    | 4588      | 4575    | 10,6        | 301,4    | 650              | "         | "     | "             | "         | "       | "          | Portman  | stark Störungen durch Eis  |

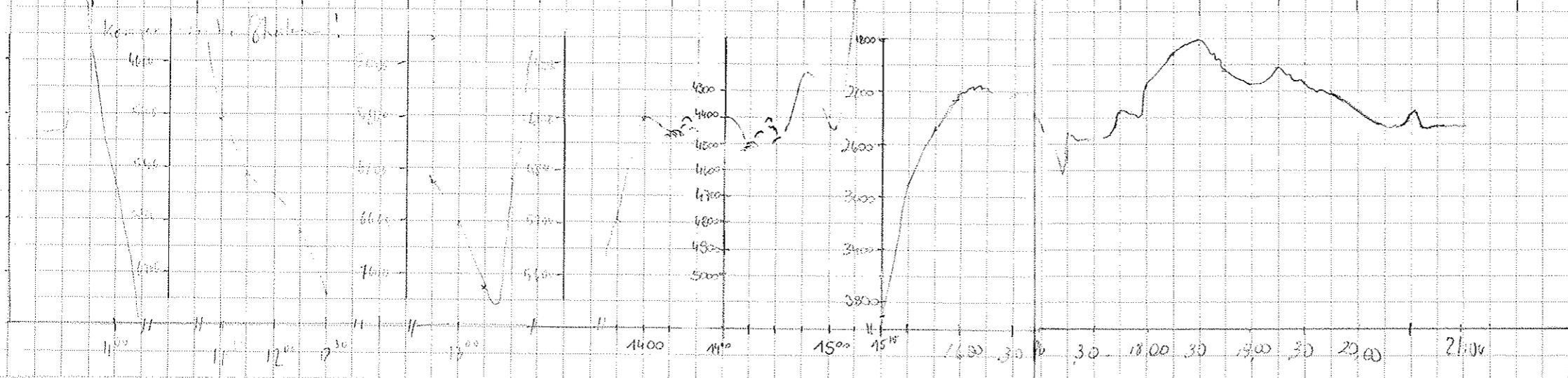


| DATUM    | ZEIT UTC | BREITE [°S] | LANGE [°W] | TIEFE PS | TIEFE HS | GESCHW [Km] | KURS  | MAX. ABFL | Weg. | Rulle | Record length | Wartezeit | Tape | Deso-Polle | Wache   | Bemerkungen                        |   |
|----------|----------|-------------|------------|----------|----------|-------------|-------|-----------|------|-------|---------------|-----------|------|------------|---------|------------------------------------|---|
| 03/12/97 | 00:45    | 61° 57.2    | 23° 36.2   | 4263     | 4219     | 5.3         | 19.1  | 400       | 1    | 2     | 262           | 0         | 55   | 7          | Portman | Eis, PS und HS Tiefe, können nicht |   |
|          | 01:00    | 61° 48.1    | 23° 39.1   | 4086     | 4112     | 7.8         | 357.0 | 2200      | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :15      | 61° 46.7    | 23° 39.3   | 4228     | 4245     | 10.5        | 309.0 | 1500      | "    | "     | "             | "         | "    | "          | "       | "                                  | DESO liegt fest!                              |
|          | :30      | 61° 45.5    | 23° 43.3   | 4010.9   | 4177     | 9.5         | 326.9 | 250       | "    | "     | "             | "         | "    | "          | "       | "                                  | PS und HS-Tiefe 2                             |
|          | :45      | 61° 43.3    | 23° 45.2   | 4355     | 4350     | 10.1        | 337.9 | 1600      | "    | "     | "             | "         | "    | "          | "       | "                                  | PS-Tiefe                                      |
|          | 02:00    | 61° 40.9    | 23° 44.8   | 4280     | 4306     | 9.3         | 346.5 | 1000      | "    | "     | "             | "         | "    | "          | "       | "                                  | DESO bleibt fest, ummülltes Wasser fließen    |
|          | :15      | 61° 38.9    | 23° 45.7   | 3375     | 3416     | 9.5         | 337.5 | 700       | "    | "     | "             | "         | "    | "          | "       | "                                  | es gibt unklarheit, ob es kein PS-Tiefe       |
|          | :30      | 61° 36.9    | 23° 52.1   | 3174     | 3430     | 10.5        | 18.5  | 200       | "    | "     | "             | "         | "    | "          | "       | "                                  | Eis ober                                      |
|          | :45      | 61° 34.5    | 23° 52.3   | 2960     | 3481     | 8.7         | 18.8  | 600       | "    | "     | "             | "         | "    | "          | "       | "                                  | PS-Tiefe Signal so schlecht! → nicht mehr     |
|          | 03:00    | 61° 32.7    | 23° 49.9   | 4249     | 4368     | 9.9         | 2.2   | 600       | "    | "     | "             | "         | "    | "          | "       | "                                  | Tief ist ein bisschen flacher                 |
|          | :15      | 61° 29.6    | 23° 57.2   | 4669     | 4680     | 12.9        | 0.7   | 4500      | "    | "     | "             | "         | "    | "          | "       | "                                  | Eisflur                                       |
|          | :30      | 61° 27.0    | 23° 51.8   | 4401     | 4406     | 13.1        | 549.7 | 250       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 24.8    | 23° 55.9   | 4141     | 4176     | 12.5        | 304.4 | 350       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | 04:00    | 61° 24.0    | 24° 00.2   | 4185     | 4222     | 10.3        | 319.4 | 700       | "    | "     | "             | "         | "    | "          | "       | "                                  | dah wieder Eis                                |
|          | :15      | 61° 21.2    | 24° 04.4   | 4328     | 4368     | 10.2        | 4.1   | 470       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :30      | 61° 19.2    | 24° 04.9   | 4626     | 4714     | 11.1        | 309.1 | 800       | "    | "     | "             | "         | "    | "          | "       | "                                  | 04:21 TAPE WECHSEL                            |
|          | :45      | 61° 16.6    | 24° 04.8   | 4773     | 4710     | 10.9        | 10.0  | 270       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | 05:00    | 61° 14.9    | 24° 08.1   | 4437     | 4462     | 8.3         | 326.7 | 250       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :15      | 61° 13.1    | 24° 10.8   | 4430     | 4815     | 11.4        | 312.6 | 3000      | "    | "     | "             | "         | "    | "          | "       | "                                  | PS-Tiefe!                                     |
|          | :30      | 61° 11.3    | 24° 11.7   | 4747     | 4765     | 11.0        | 20.3  | 3000      | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 9.2     | 24° 16.2   | 4294     | 4814     | 10.8        | 316   | 1200      | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | 06:00    | 61° 8.2     | 24° 17.1   | 4326     | 4814     | 12.3        | 325   | 2300      | "    | "     | "             | "         | "    | "          | "       | "                                  | Bisher keine Deso-Polle!                      |
|          | :15      | 61° 7.4     | 24° 19.5   | 4267     | -        | 4.5         | 13    | 4200      | "    | "     | "             | "         | "    | "          | "       | "                                  | HS-Redant                                     |
|          | :30      | 61° 6.2     | 24° 21.7   | 4155     | 4172     | 8.2         | 4     | 1400      | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 5.2     | 24° 23.0   | 3491     | 3542     | 11.6        | 338   | 1700      | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | 07:00    | 61° 4.4     | 24° 25.7   | 3342     | 3372     | 4.7         | 303   | 600       | "    | "     | "             | "         | "    | "          | "       | "                                  | Klein. Sig. in der Tiefe                      |
|          | :15      | 61° 3.6     | 24° 30.0   | 4032     | 4098     | 11.6        | 321   | 400       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :30      | 61° 2.2     | 24° 33.2   | -        | 5438     | 4.9         | 315   | 200       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 1.8     | 24° 34.6   | 5603     | 5638     | 8.9         | 290   | 400       | "    | "     | "             | "         | "    | "          | "       | "                                  | PS-Tiefe futsch, keine Deso-Polle             |
|          | 08:00    | 61° 1.7     | 24° 38.6   | 5842     | 6045     | 11.3        | 287   | 380       | "    | "     | "             | "         | "    | "          | "       | "                                  | PS/HS 400 m Differenz, Deso liegt da nicht    |
|          | :15      | 61° 1.2     | 24° 37.8   | 5374     | 5781     | 4.8         | 35    | 350       | "    | "     | "             | "         | "    | "          | "       | "                                  | Wieder Deso-Polle → No. 8                     |
|          | :30      | 61° 0.8     | 24° 33.0   | 4313     | 4891     | 11.4        | 294   | 180       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 0.5     | 24° 43.3   | -        | 4356     | 9.7         | 353   | 400       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | 09:00    | 61° 0.2     | 24° 43.5   | -        | 3918     | 9.3         | 353   | 150       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :15      | 61° 0.1     | 24° 45.1   | 3079     | 3098     | 9.5         | 311   | 300       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :30      | 61° 0.3     | 24° 45.1   | 3281     | 3315     | 6.8         | 322   | 600       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :45      | 61° 0.3     | 24° 46.6   | 3334     | 3438     | 3.6         | 265   | 600       | "    | "     | "             | "         | "    | "          | "       | "                                  | Tepewind PS:35 → No. 57                       |
|          | 10:00    | 61° 0.5     | 24° 48.6   | 3328     | 3244     | 7.0         | 237   | 200       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :15      | 60° 41.79   | 24° 52.15  | 3021     | 3083     | 11.8        | 329   | 179       | "    | "     | "             | "         | "    | "          | "       | "                                  |   |
|          | :30      | 60° 39.30   | 24° 51.58  | -        | 3125     | 11.5        | 333   | 863       | "    | "     | "             | "         | "    | "          | "       | "                                  | Schwarze Signal flackert aufwärts und abwärts |



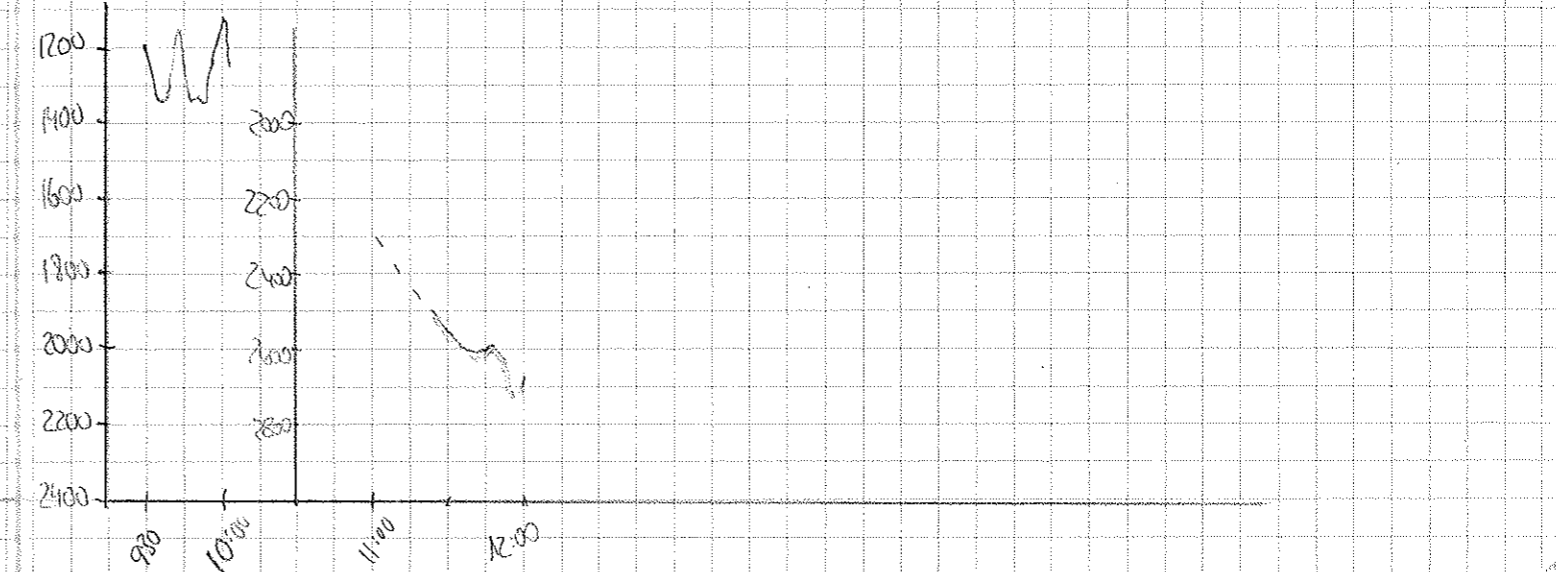
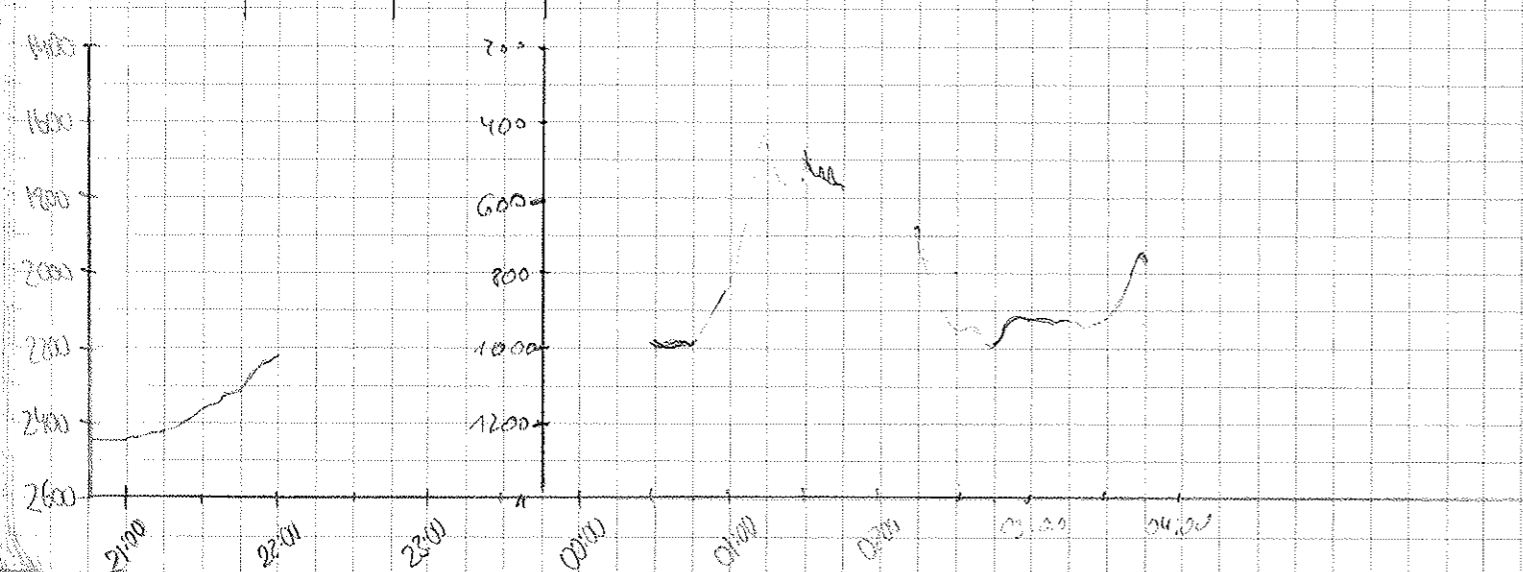


| ZEIT UTC      | BREITE [°] | LÄNGE [°] | TIEFE PS [m] | TIEFE HS [m] | GESCHW. [km/h] | KURS | MAX. AMPL. [mV] | FREQ. | PULSE | RECORD LENGTH | WATT TIME | TAPE No | DESO ROLLE | WACHE      | DIREKTION  |
|---------------|------------|-----------|--------------|--------------|----------------|------|-----------------|-------|-------|---------------|-----------|---------|------------|------------|--|
| 3 12 97 10:45 | 60° 28,16  | 24° 57,27 | 2502         | 2185         | 9,0            | 286  | 134             | 4     | 2     | 266           | 0         | 57      | 8          | G. K. Sch. | } Rauschen<br>→ Regime und F. ing. Benutzungen<br>Der Katja Dank!<br>PS-Tiefe offenbar falsch<br>- Rauschen -<br>PS ~ 1000 m höher als 195 |
| 11:00         | 36,10      | 25° 01,01 | 3516         | 3242         | 15,5           | 312  | 280             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:00         | 36,44      | 04,22     | -            | 5056         | 9,4            | 328  | 320             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:30         | 37,18      | 06,15     | 5011         | 5186         | 2,1            | 267  | 297             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:45         | 30,52      | 08,01     | 6456         | 5489         | 10,4           | 337  | 400             | "     | "     | "             | "         | "       | "          | "          |  |
| 12:00         | 28,54      | 10,54     | -            | 5582         | 10,2           | 341  | 366             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:15         | 26,38      | 12,88     | (5718)       | 5822         | 8,4            | 289  | 381             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:30         | 25,32      | 16,14     | -            | 6325         | 9,2            | 344  | 452             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:45         | 23,30      | 14,15     | 6307         | 6351         | 12,5           | 354  | 1176            | "     | "     | "             | "         | "       | "          | "          |  |
| 13:00         | 20,74      | 12,37     | -            | 6801         | 12,3           | 331  | 172             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:30         | 18,51      | 15,35     | -            | 7081         | 8,3            | 324  | 1320            | "     | "     | "             | "         | "       | "          | "          |  |
| 15:45         | 16,93      | 19,10     | -            | 6278         | 13,1           | 317  | 340             | "     | "     | "             | "         | "       | "          | "          |  |
| 14:00         | 15,14      | 27,58     | -            | 5185         | 9,2            | 328  | 174             | "     | "     | "             | "         | "       | "          | "          |  |
| 14:15         | 12,30      | 27,83     | -            | 4410         | 11,5           | 326  | 259             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:15         | 11,81      | 31,37     | 4501         | 4534         | 11,7           | 276  | 1000            | "     | "     | "             | "         | "       | "          | "          |  |
| 15:30         | 12,65      | 35,26     | 4505         | 4350         | 13,00          | 215  | 200             | "     | "     | "             | "         | "       | "          | Barbara    |  |
| 15:45         | 15,36      | 38,38     | 4251         | 4275         | 12,5           | 240  | 260             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:00         | 13,32      | 38,66     | -            | 4428         | 12,2           | 347  | 260             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:15         | 10,71      | 42,18     | 3902         | 3923         | 13,1           | 317  | 750             | "     | "     | "             | "         | "       | "          | "          |  |
| 15:30         | 08,16      | 46,66     | 2906         | 2914         | 13,7           | 322  | 1300            | "     | "     | "             | "         | 58      | "          | "          |  |
| 15:45         | 05,54      | 49,17     | 2518         | 2543         | 11,2           | 339  | 1200            | "     | "     | "             | "         | "       | "          | "          |  |
| 16:00         | 03,44      | 50,99     | 2269         | 2376         | 10,5           | 303  | 466             | "     | "     | "             | "         | "       | "          | Barbara    |  |
| 16:15         | 01,36      | 52,98     | 2127         | 3192         | 8,4            | 17   | 663             | "     | "     | "             | "         | "       | "          | "          |  |
| 16:30         | 59° 59,33  | 51,75     | 2243         | 2224         | 12,3           | 353  | 433             | "     | "     | "             | "         | "       | "          | "          |  |
| 16:45         | 57,00      | 52,60     | 2370         | 2386         | 17,6           | 295  | 408             | "     | "     | "             | "         | "       | "          | "          |  |
| 17:00         | 54,69      | 53,17     | 2626         | 2638         | 5,2            | 109  | 500             | "     | "     | "             | "         | "       | "          | "          |  |
| 17:15         | 52,11      | 54,20     | 3591         | 2618         | 9,1            | 331  | 547             | "     | "     | "             | "         | "       | "          | "          |  |
| 17:30         | 50,11      | 55,59     | 3546         | 2606         | 8,4            | 321  | 483             | "     | "     | "             | "         | "       | "          | "          |  |
| 17:45         | 49,01      | 59,60     | 3322         | 3363         | 8,4            | 327  | 593             | "     | "     | "             | "         | "       | "          | "          |  |
| 18:00         | 59° 48,24  | 26° 02,8  | 2119         | 2010         | 4,4            | 2746 | 657             | "     | "     | "             | "         | "       | "          | Denise     |  |
| 18:15         | 48,67      | 04,53     | -            | 1933         | 9,7            | 2956 | 281             | "     | "     | "             | "         | "       | "          | "          |  |
| 18:30         | 47,56      | 07,12     | -            | 1792         | 6,3            | 3069 | 662             | "     | "     | "             | "         | "       | "          | "          |  |
| 18:45         | 45,98      | 07,12     | 2042         | 2060         | 7,3            | 436  | 1397            | "     | "     | "             | "         | "       | "          | "          |  |
| 19:00         | 44,81      | 04,15     | 2133         | 2133         | 8,4            | 479  | 2472            | "     | "     | "             | "         | "       | "          | "          |  |
| 19:15         | 43,67      | 00,57     | 1992         | 1993         | 12,4           | 443  | 1054            | "     | "     | "             | "         | "       | "          | "          |  |
| 19:30         | 43,35      | 02,33     | 2134         | 2142         | 11,9           | 116  | 1933            | "     | "     | "             | "         | "       | "          | "          |  |
| 19:45         | 44,32      | 06,35     | 2221         | 2228         | 10,1           | 3018 | 2029            | "     | "     | "             | "         | "       | "          | "          |  |
| 20:00         | 42,4       | 09,1      | 2312         | 2317         | 7,1            | 290  | 2000            | "     | "     | "             | "         | "       | "          | Sven       |  |
| 20:15         | 41,1       | 12,6      | 2372         | 2377         | 11,3           | 296  | 1300            | "     | "     | "             | "         | "       | "          | "          |  |
| 20:30         | 40,2       | 17,0      | 2474         | 2480         | 7,2            | 305  | 3700            | "     | "     | "             | "         | "       | "          | "          |  |
| 20:45         | 38,9       | 20,5      | 2465         | 2471         | 7,2            | 324  | 3600            | "     | "     | "             | "         | "       | "          | "          |  |
| 21:00         | 37,5       | 22,9      | 2450         | 2455         | 8,2            | 316  | 2800            | "     | "     | "             | "         | "       | "          | "          |  |

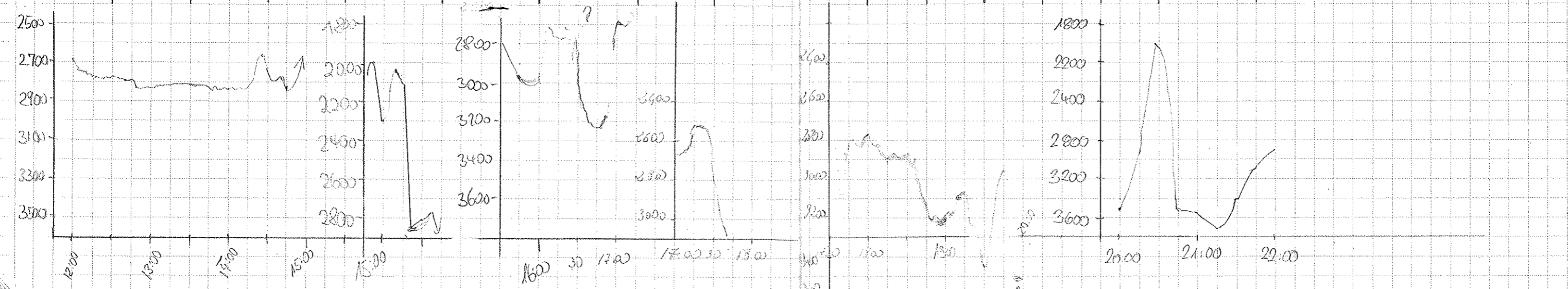


ab 18.00 keine PS Tiefe oder  
falsche Tiefe ab 18:30 Modus 1-1945  
Paradigma zeichnet keine falsche  
Tiefe richtige Struktur auf  
bis 18:40 / 18:50 Deso Rolle  
kurze Sfiestand / 19:00 Heermut  
hat Papier geschw. auf 15000  
gestellt / 19:30 Deso Rolle steht  
ständig L7 ~ 5m

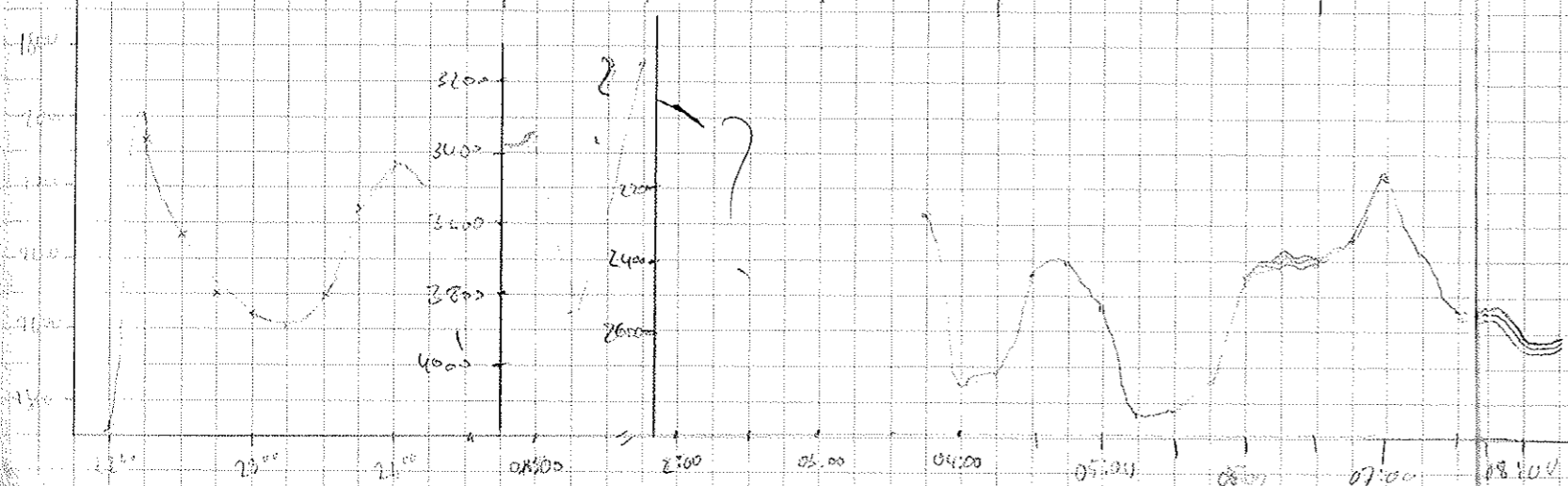
| Datum    | Zeit UTC | Breite [°] | Länge [°] | Tiefe PS [m] | Tiefe HS [m] | Geochim. [km] | Kurs [°] | max. Ampl. [mV] | Hequ. | Füsse | Record length | Wait time | Tape No. | DECO code | Wache   | Bemerkung  |   |
|----------|----------|------------|-----------|--------------|--------------|---------------|----------|-----------------|-------|-------|---------------|-----------|----------|-----------|---------|--|---|
| 3.12.97  | 21:15    | 59°36.8    | 26°25.1   | 2417         | 2429         | 3.0           | 285      | 5100            | 4     | 2     | 266           | 0         | 58       | 8         | Sven    | E-T = 5 m<br>DECO steht 10min                                  |   |
|          | :30      | 36.5       | 28.2      | 2389         | 2394         | 8.1           | 285      | 2400            | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :45      | 36.4       | 32.6      | 2311         | 2321         | 8.7           | 277      | 3500            | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | 22:00    | 35.7       | 36.6      | 2228         | -            | 9.4           | 300      | 2750            | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :15      | 35.0       | 40.6      | 2117         | 2124         | 5.0           | 290      | 2850            | "     | "     | "             | "         | "        | "         | Heide   |  |   |
|          | :30      | 34.6       | 42.7      | 1876         | 2052         | 7.7           | 285      | 2130            | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :45      | 34.3       | 44.5      | 1876         | 1954         | 4.8           | 306      | 1800            | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | 23:00    | 32.9       | 42.4      | -            | 1757         | 7.9           | 333      | 993             | "     | "     | "             | "         | "        | "         | "       |  | Anato, Echlot weit über Moneta              |
|          | :15      | 32.7       | 51.3      | -            | 1605         | 4.1           | 275      | 1679            | "     | "     | "             | "         | "        | "         | "       |  | Tiefenwert mehr am, trotz der               |
|          | :30      | 32.3       | 55.2      | -            | 1399         | 10.9          | 312      | 919             | "     | "     | "             | "         | "        | "         | "       |  | unbefahrte Küsten                           |
| :45      | 31.8     | 57.8       | -         | 1111         | 0.4          | 283           | 488      | "               | "     | "     | "             | "         | "        | "         | "       |  |   |
| 04/12/97 | 24:00    |            |           |              |              |               |          |                 |       |       |               |           | 55       |           | Portham | ALLES abgestürzt!<br>00:20 TAPE REC HUEE<br>DECO läuft ständig |   |
|          | :30      | 59°31.8    | 26°58.8   | 1082         | 1088         | 8.2           | 280.3    | 900             | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :45      | 59°31.4    | 26°59.8   | 985          | 997          | 4.9           | 255.7    | 480             | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | 01:00    | 59°30.5    | 27°01.7   | 850          | 845          | 7.0           | 314      | 900             | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :15      | 59°29.8    | 27°04.8   | 487          | 482          | 2.6           | 284.8    | 780             | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | :30      | 59°24.8    | 27°05.5   | 539          | 537          | 7.7           | 258.7    | 700             | "     | "     | "             | "         | "        | "         | "       |  | Eis rammen vor Thule                        |
|          | :45      | 59°28.7    | 27°05.3   | 510          | 500          | 7.2           | 252.6    | 850             | "     | "     | "             | "         | "        | "         | "       |  |   |
|          | 02:00    | 59°29.8    | 27°07.4   | 728          | 733          | 10.0          | 280.6    | 910             | "     | "     | "             | "         | "        | "         | "       |  | Rechner kein 9m Tiefe -> Rechner abgestürzt |
|          | :15      | 59°29.2    | 27°10.0   | 678          | 681          | 5.4           | 256.9    | 800             | "     | "     | "             | "         | 60       | "         | "       |  | TAPE REC HUEE 02:04                         |
|          | :30      | 59°30.3    | 27°13.6   | 1287         | 956          | 1.4           | 243.0    | 1000            | "     | "     | "             | "         | "        | "         | "       |  | PS-Tiefe                                    |
|          | :45      | 59°30.5    | 27°14.8   | 316          | 1002         | 3.2           | 284.0    | 950             | "     | "     | "             | "         | "        | "         | "       |  | "   |
|          | 03:00    | 59°30.3    | 27°15.9   | 912          | 830          | 0.4           | 168.7    | 1300            | "     | "     | "             | "         | "        | "         | "       |  | 3 mit sehen fast                            |
|          | :15      | 59°30.2    | 27°15.9   | 910          | 917          | 0.1           | 127.8    | 1100            | "     | "     | "             | "         | "        | "         | "       |  | "   |
|          | :30      | 59°30.2    | 27°15.9   | "            | "            | 2.6           | 316      | "               | "     | "     | "             | "         | "        | "         | "       |  | "   |
|          | :45      | 59°30.0    | 27°17.2   | 882          | 892          | 0.8           | 73.8     | 600             | "     | "     | "             | 120       | "        | "         | "       |  | "   |
| 04:00    |          |            |           |              |              |               |          |                 |       |       |               |           |          |           |         |  |   |
| 09:20    |          |            |           |              |              |               |          |                 |       |       |               |           |          |           |         | neue DECO Rolle 9  |   |
| 09:30    |          | 30.6       | 20.6      | 1195         | 1201         | 6.0           | 223      | 800             | 4     | 2     | 266           | 0         | 60       | 9         | Sven    | BEGIN AUFRICHTUNG 9:20   |   |
| :45      |          | 30.6       | 24.4      | 1274         | 1302         | 11.5          | 310      | 500             | "     | "     | "             | "         | "        | "         | "       | 953 DECO weg   |   |
| 10:00    |          | 29.1       | 28.6      | 1149         | 1192         | 11.1          | 297      | 900             | "     | "     | "             | "         | "        | "         | "       | "  |   |
| :15      |          | 27.8       | 33.9      | 1625         | 1653         | 11.7          | 291      | 612             | "     | "     | "             | "         | "        | "         | Sarsane |  |   |
| :30      |          | 26.5       | 38.7      | 1931         | 2000         | 12.4          | 331      | 503             | "     | "     | "             | "         | "        | "         | "       | PS abges. Aufh. Weg. Prob. herstellbar                         |   |
| :45      |          |            |           |              |              |               |          |                 |       |       |               |           |          |           | "       | prüfung DECO (Display immer weg)                               |   |
| 11:00    |          |            |           |              |              |               |          |                 |       |       |               |           |          |           | "       |  |   |
| 11:20    |          | 59°21.0    | 27°55.4   | 2500         | 2507         | 12.1          | 310      | 2500            | 4     | 2     | 266           | 0         | 61       | 9         | "       | PS wieder an; Dank Helmut dann                                 |   |
| :30      |          | 59°20.1    | 28°08.4   | 2558         | 2574         | 12.0          | 276      | 450             | "     | "     | "             | "         | "        | "         | Ulrich  | Größenwert 2m  |   |
| :45      |          | 59°19.8    | 28°04.3   | 2586         | 2602         | 12.0          | 290      | 800             | "     | "     | "             | "         | "        | "         | "       | "  |   |
| 12:00    |          | 18.3       | 08.4      | 2687         | 2699         | 12.3          | 293      | 1800            | "     | "     | "             | "         | "        | "         | "       | "  |   |



| Datum    | Zeit UTC | Breite $\phi^{\circ}$ | Länge $\lambda^{\circ}$ | Tiefe PS [m] | Tiefe NS [m] | Geschw. [km] | Wind $\text{I}^{\circ}$ | wind Aug [m] | Temp. | Albe | Record Length | Wait time | Temp. No. | Deso. Polle   | Wache  | Bemerkungen                           |                                     |
|----------|----------|-----------------------|-------------------------|--------------|--------------|--------------|-------------------------|--------------|-------|------|---------------|-----------|-----------|---------------|--------|---------------------------------------|-------------------------------------|
| 04/12/57 | 12:15    | 59° 17.9              | 28° 14.1                | 2745         | 2756         | 9.1          | 272                     | 1800         | 4     | 2    | 266           | 0         | 61        | 9             | Sven   | ET < 10 m                             |                                     |
|          | :30      | 18.0                  | 18.5                    | 2776         | 2785         | 9.8          | 271                     | 4700         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | :45      | 18.0                  | 22.9                    | 2784         | 2803         | 9.0          | 270                     | 1900         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | 13:00    | 18.0                  | 26.9                    | 2821         | 2828         | 8.8          | 271                     | 1500         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | :15      | 18.2                  | 31.4                    | 2820         | 2827         | 8.9          | 262                     | 500          | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | :30      | 18.5                  | 35.5                    | 2805         | 2814         | 10.2         | 262                     | 900          | "     | "    | "             | "         | "         | "             | "      | "                                     | ET < 10 m                           |
|          | :45      | 18.9                  | 40.1                    | 2828         | 2844         | 10.0         | 262                     | 2200         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | 14:00    | 19.2                  | 44.6                    | 2828         | 2836         | 9.0          | 267                     | 3000         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | :15      | 19.3                  | 49.3                    | 2825         | 2833         | 8.7          | 272                     | 3000         | "     | "    | "             | "         | "         | "             | Anke   | steil nach 14:20 (PS/NS spurt)        |                                     |
|          | :30      | 19.4                  | 54.0                    | 2822         | 2832         | 8.6          | 255                     | 1000         | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | :45      | 20.1                  | 58.5                    | 2833         | 2841         | 10.0         | 255                     | 4000         | "     | "    | "             | "         | "         | "             | "      | "                                     | ET immer noch < 10 m                |
|          | 15:00    | 20.7                  | 29° 02.7                | 2275         | 2337         | 10.3         | 257                     | 400          | "     | "    | "             | "         | "         | "             | "      | "                                     | steil hoch! bis ~2020, PS laut wird |
|          | :15      | 21.4                  | 07.8                    | -            | 2129         | 9.7          | 256                     | 800          | "     | "    | "             | "         | "         | "             | "      | "                                     | und raus + runter!                  |
|          | :30      | 22.0                  | 12.8                    | -            | ~2812        | 10.1         | 255                     | 1000         | "     | "    | "             | "         | "         | "             | "      | "                                     | etwa ET bis ~20m                    |
|          | :45      | 22.7                  | 17.2                    | ~2929        | 2974         | 10.0         | 244                     | 3000         | "     | "    | "             | "         | "         | "             | "      | "                                     | "                                   |
|          | 16:00    | 23.0                  | 21.9                    | 2950         | 2957         | 10.2         | 272                     | 4000         | "     | "    | "             | "         | "         | "             | "      | "                                     | "                                   |
|          | :15      | 22.99                 | 26.80                   | 2761         | 2774         | 10.6         | 268                     | 85-1         | "     | "    | "             | "         | "         | "             | "      | Barbara                               | "                                   |
|          | :30      | 22.99                 | 32.01                   | 3094         | 3134         | 9.9          | 271                     | 555          | "     | "    | "             | "         | "         | "             | "      | "                                     | } PROFIL                            |
|          | :45      | 23.00                 | 36.17                   | 3326         | 3350         | 9.5          | 267                     | 360          | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
|          | 17:00    | 22.98                 | 40.89                   | 2684         | 2868         | 9.3          | 274                     | 1300         | "     | "    | "             | "         | "         | "             | "      | "                                     | "                                   |
|          | :15      | 22.99                 | 45.66                   | 2511         | 2531         | 9.3          | 268                     | 201          | "     | "    | "             | "         | "         | "             | "      | "                                     | "                                   |
|          | :30      | 23.01                 | 50.38                   | 2799         | 2825         | 9.2          | 267                     | 560          | "     | "    | "             | "         | "         | "             | "      | "                                     | "                                   |
| :45      | 23.02    | 55.14                 | 2843                    | 2880         | 13.6         | 268          | 660                     | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| 18:00    | 22.9     | 30° 00.5              | 2776                    | 2785         | 11.7         | 268.7        | 1400                    | "            | "     | "    | "             | "         | 62        | <del>63</del> | Ulrich | Deso Tapenloch Nr: 46 No. 62          |                                     |
| :15      | 23.0     | 05.5                  | 2886                    | 2853         | 10.4         | 272          | 2000                    | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| :30      | 23.00    | 10.6                  | 2876                    | 2883         | 11.3         | 268.8        | 400                     | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| :45      | 22.9     | 15.4                  | 3130                    | 3159         | 9.5          | 270          | 400                     | "            | "     | "    | "             | "         | "         | "             | "      | ~ 50 m ET                             |                                     |
| 19:00    | 23.1     | 21.2                  | 3181                    | 3197         | 13.2         | 265          | 1800                    | "            | "     | "    | "             | "         | "         | "             | "      | ~ 40 m ET                             |                                     |
| :15      | 23.3     | 26.8                  | 3070                    | 3078         | 10.5         | 266          | 600                     | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| :30      | 23.6     | 30.6                  | 3433                    | 3510         | 6.8          | 185          | 600                     | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| :45      | 25.4     | 31.1                  | 2868                    | 3052         | 9.2          | 246          | 300                     | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| 20:00    | 25.7     | 36.4                  | 3479                    | 3503         | 11.3         | 275          | 792                     | "            | "     | "    | "             | "         | "         | "             | Denise | ↑ ~ 50 m ET                           |                                     |
| :15      | 25.4     | 41.6                  | -                       | 2961         | 8.8          | 271          | 302                     | "            | "     | "    | "             | "         | "         | "             | "      | ab 20:00 keine B Signal               |                                     |
| :30      | 25.37    | 46.5                  | -                       | 2172         | 8.4          | 274          | 441                     | "            | "     | "    | "             | "         | "         | "             | "      | bis 21:10, danach auf Modus 1         |                                     |
| :45      | 25.21    | 50.4                  | -                       | 3447         | 8.2          | 273          | 525                     | "            | "     | "    | "             | "         | "         | "             | "      | gestellt                              |                                     |
| 21:00    | 24.91    | 53.5                  | 3553                    | 3573         | 8.8          | 280          | 8510                    | "            | "     | "    | "             | "         | "         | "             | "      | "                                     |                                     |
| :15      | 24.66    | 57.92                 | -                       | 3705         | 8.7          | 276          | 3107                    | "            | "     | "    | "             | "         | "         | "             | "      | in Modus 1 ok, in Layer 1 kein Signal |                                     |
| :30      | 24.42    | 31° 01.98             | 3406                    | 3433         | 9.0          | 278          | 487                     | "            | "     | "    | "             | "         | "         | "             | "      | PS-Messwert: 175 ok, Rest unklar      |                                     |
| :45      | 24.21    | 06.08                 | 3006                    | 3043         | 8.1          | 269          | 493                     | "            | "     | "    | "             | "         | "         | "             | "      | und auslösch                          |                                     |
| 22:00    | 24.43    | 10.50                 | 2833                    | 2924         | 8.2          | 268          | 524                     | "            | "     | "    | "             | "         | "         | "             | "      | wenn ET, dann < 50m                   |                                     |



| Datum   | Zeit UTC | Breit [°] | Long [°]  | Tiefe PS [m] | Tiefe HS [m] | Beschw. [kn] | Kurs [°] | max Amp [mV] | frequ | Puls | Recd Length | Wait time | Tape M. | Deso Rolle | Wache             | Bemerkungen   |   |
|---------|----------|-----------|-----------|--------------|--------------|--------------|----------|--------------|-------|------|-------------|-----------|---------|------------|-------------------|---|---|
| 4.12.97 | 22:15    | 51° 24,54 | 31° 14,12 | 2062         | 2405         | 6,9          | 267      | 790          | "     | 2    | 266         | 0         | 62      | 9          | C/brid            | } Reg. ma. meist, es se. kom. ist.<br>} Auch mache das ja nicht.<br>} ET ~ 30 m<br>} Deso-Rolle lauft nicht.<br>} danach: gehten teils gutes Signal |   |
|         | 22:30    | 24,78     | 17,76     | 2317         | 2348         | 7,8          | 260      | 350          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 22:45    | 25,44     | 21,47     | 2499         | 2504         | 7,1          | 264      | 630          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 23:00    | 25,17     | 24,9      | 2563         | 2574         | 7,1          | 267      | 831          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 23:15    | 25,30     | 28,38     | 2591         | 2611         | 6,9          | 262      | 863          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 23:30    | 25,48     | 32,15     | 2503         | 2556         | 11,0         | 263      | 531          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 23:45    | 25,67     | 36,46     | 2257         | 2265         | 7,4          | 261      | 472          | "     | "    | "           | "         | "       | "          | "                 |   |   |
|         | 05.12.97 | 24:00     | 25,82     | 40,33        | 2139         | 2149         | 8,4      | 264          | 756   | "    | "           | "         | "       | "          | "                 |   | "   |
|         | 24:15    | 59° 25,99 | 31° 44,3  | 2197         | 2199         | 8,1          | 265      | 6000         | "     | "    | "           | "         | "       | "          | Paradeeum         |   |   |
|         | 24:30    | 59° 26,1  | 31° 44,8  | 3282         | 3285         | 7,1          | 265      | 500          | "     | "    | "           | "         | "       | "          | "                 |   | 7e stat, kein PT-Signal                                 |
| 24:45   | 59° 26,3 | 31° 57,5  | 3822      | 3893         | 7,1          | 264          | 610      | "            | "     | "    | "           | "         | "       | "          | "                 |   |   |
| 01:00   | 59° 26,4 | 31° 54,9  | 3973      | 3990         | 6,7          | 267          | 880      | "            | "     | "    | "           | "         | "       | "          | 00:58 TAPEWECHSEL |   |   |
| 01:15   | 59° 26,6 | 31° 58,7  | 3752      | 3842         | 6,1          | 263          | 450      | "            | "     | "    | "           | "         | "       | "          | "                 |   |   |
| 01:30   | 59° 26,7 | 31° 02,5  |           | 3539         | 7,9          | 265          | 600      | "            | "     | "    | "           | "         | "       | "          | "                 | PS-Tiefe  |   |
| 01:45   | 59° 26,9 | 32° 06,3  | 3046      | 3075         | 9,0          | 264          | 750      | "            | "     | "    | "           | "         | "       | "          | "                 | "   |   |
| 02:00   | 59° 27,1 | 32° 10,6  | 2550      | 2680         | 7,5          | 264          | 200      | "            | "     | "    | "           | "         | "       | "          | "                 | "   |   |
| 02:15   | 59° 27,3 | 32° 14,0  | 2150      | down         | 8,9          | 266          | 550      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | HS aback  |
| 02:30   | 59° 27,5 | 32° 17,5  | 2240      | 2281         | 7,2          | 265          | 410      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | "   |
| 02:45   | 59° 27,7 | 32° 21,2  |           | 1780         | 7,0          | 265          | 1100     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | "   |
| 03:00   | 59° 27,9 | 32° 25,3  |           | 2202         | 9            | 265          | 700      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | "   |
| 03:15   | 59° 28,2 | 32° 29,8  | 2422      | 2502         | 8            | 267          | 520      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | "   |
| 03:30   | 59° 28,4 | 32° 33,9  | 2600      | 2624         | 7,7          | 260          | 1100     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 03:45   | 28,6     | 37,6      | 2273      | 2368         | 9,1          | 265          | 300      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 04:00   | 28,8     | 41,8      | 2756      | 2773         | 7,4          | 268          | 2200     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 04:15   | 28,9     | 45,5      | 2757      | 2745         | 6,7          | 263          | 2800     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 04:30   | 29,1     | 49,7      | 2423      | 2434         | 6,8          | 268          | 2700     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 04:45   | 29,2     | 52,9      | 2407      | 2399         | 7,5          | 267          | ?        | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 05:00   | 29,3     | 56,7      | 2353      | 2364         | 7,0          | 267          | 400      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 05:15   | 29,5     | 33° 01,3  | 2539      | 2569         | 8,8          | 260          | 500      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 05:30   | 29,8     | 05,7      | 2813      | 2822         | 8,8          | 262          | 1100     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 05:45   | 30,0     | 8,8       | 2739      | 2757         | 8,1          | 266          | 500      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 06:00   | 30,2     | 12,8      | 2813      | 2818         | 7,8          | 260          | 700      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 06:15   | 30,2     | 16,8      | 2889      | 2898         | 10,7         | 273          | 900      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 06:30   | 30,0     | 27,0      | 2357      | 2370         | 9,6          | 255          | 1500     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 07:00   | 30,1     | 31,3      | 2175      | 2193         | 8,8          | 248          | 500      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 07:15   | 31,3     | 35,1      | 2393      | 2400         | 9,3          | 257          | 1500     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 07:30   | 32,2     | 39,3      | 2547      | 2552         | 10,6         | 265          |          | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 07:45   | 32,2     | 43,6      | 2556      | 2610         | 7,1          | 273          | 1000     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 08:00   | 32,5     | 47,9      | 2524      | 2534         | 11,2         | 253          | 5400     | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 08:15   | 31,9     | 53,1      | 2615      | 2628         | 10,4         | 287          | 930      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |
| 08:30   | 31,6     | 56,8      | 2612      | 2624         | 7,7          | 260          | 800      | "            | "     | "    | "           | "         | "       | "          | "                 | "   | alles Quatsch !!!<br>Deso aback immer ?! ?!<br>Deso aus |

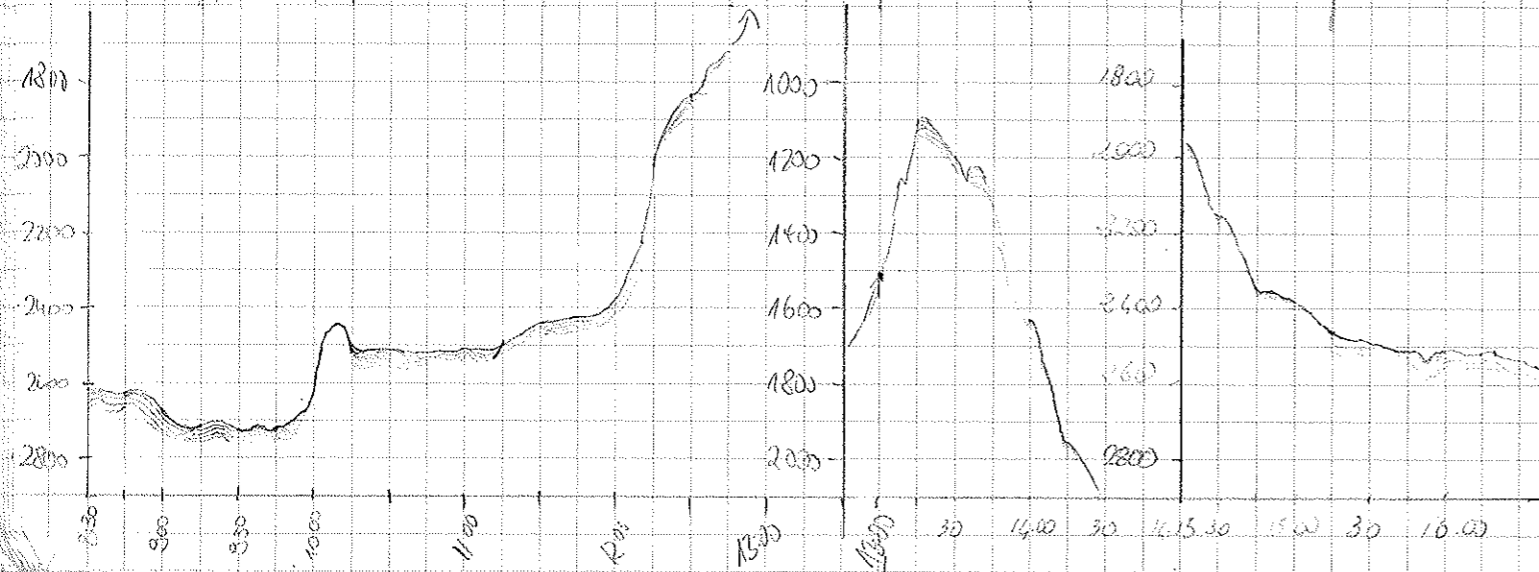


Man kann wieder was messen!  
ET ~ 75 m

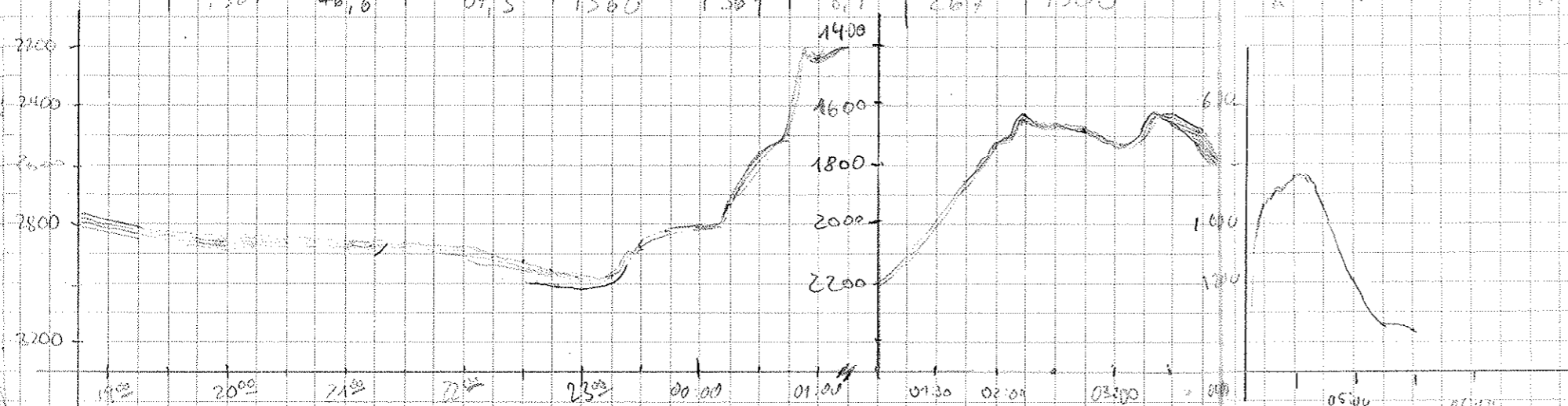
Summe mit Deso aback gemacht  
(war übersteuert sein 62-60)

Falcke

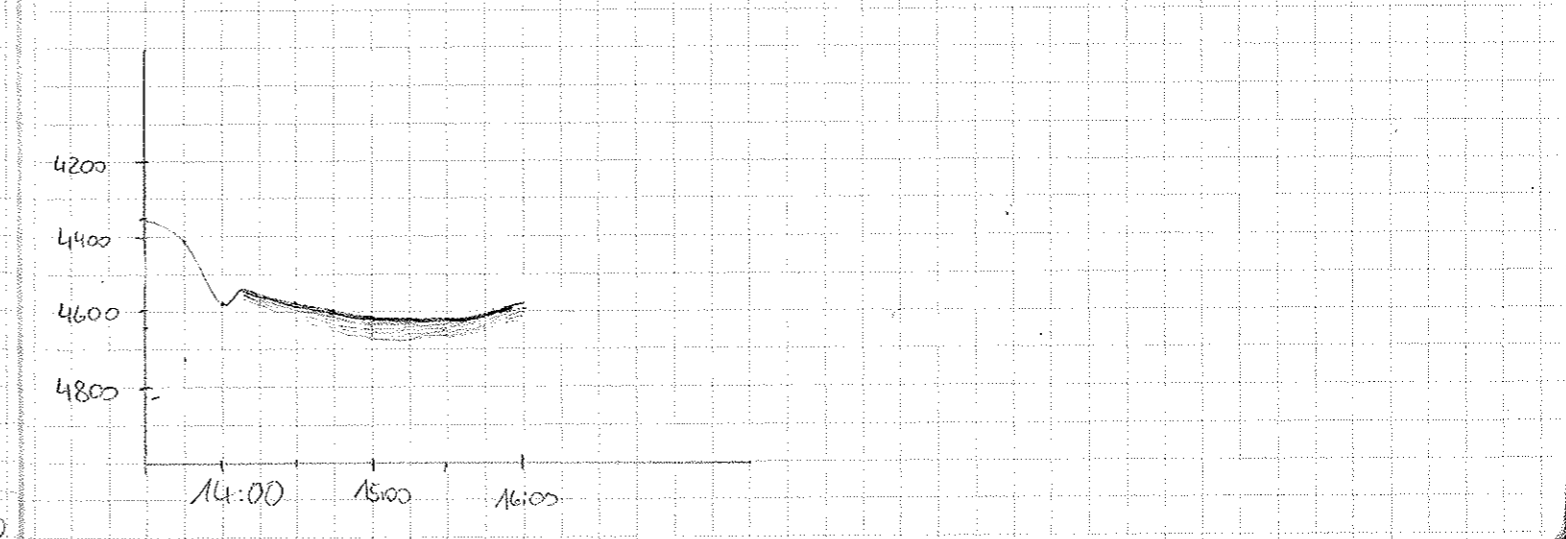
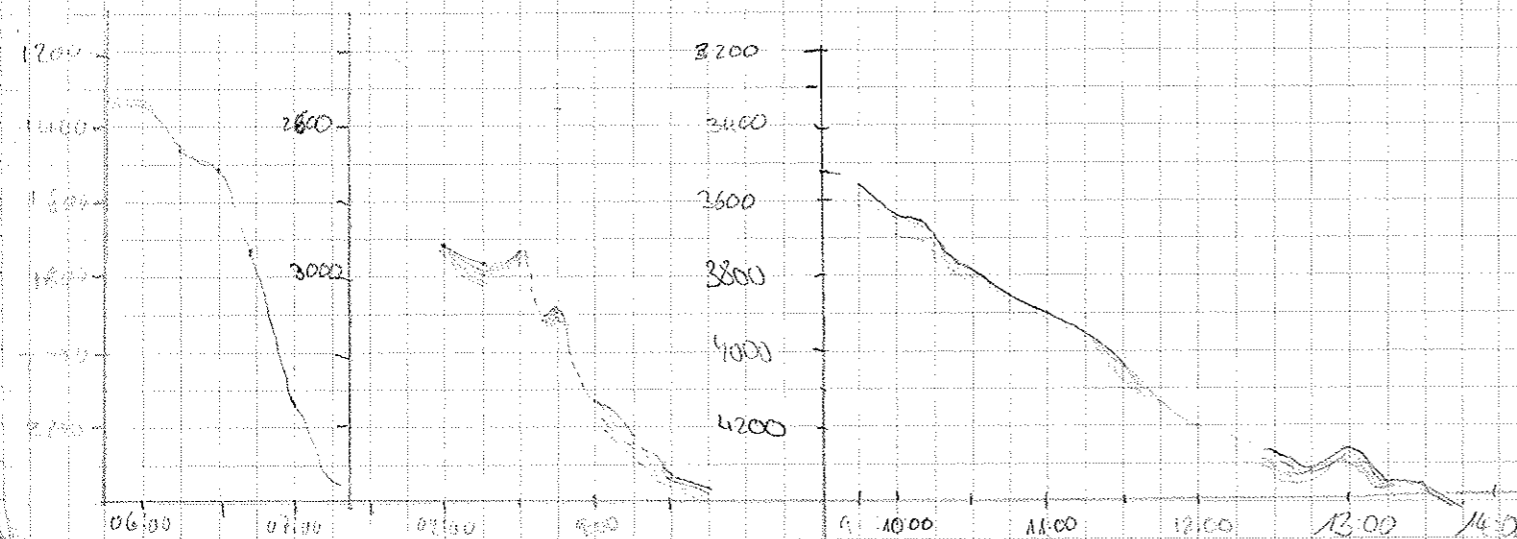
| Datum    | Zeit UTC | Latitude [°S] | Longitude [°W] | Tiefe [m] | Temp [°C] | Spektr [µV] | Wass [°C] | Max Amplit [µV] | Imp. | Pulse | Record length | Wait time | Tape No | Disp Rolle | Wale    | Bemerkungen                                |
|----------|----------|---------------|----------------|-----------|-----------|-------------|-----------|-----------------|------|-------|---------------|-----------|---------|------------|---------|--|
| 05/12/97 | 8:45     | 58° 32,1      | 34° 01,1       | 2626      | 2638      | 7,0         | 247       | 660             | 4    | 2     | 266           | 0         | 64      | 9          | Babette | 8:34 TAPEWECHSEL -> No 64                  |
|          | 9:00     | 32,5          | 04,9           | 2674      | 2686      | 8,8         | 274       | 600             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 32,5          | 09,4           | 2715      | 2726      | 11,8        | 272       | 900             | "    | "     | "             | "         | "       | "          | "       | Ei gleichbleibend bei 75m                  |
|          | :30      | 32,0          | 15,0           | 2734      | 2747      | 10,4        | 274       | 1400            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 32,3          | 20,2           | 2719      | 2729      | 9,7         | 268       | 900             | "    | "     | "             | "         | "       | "          | "       |  |
|          | 10:00    | 31,9          | 26,0           | 2667      | 2682      | 12,6        | 278       | 1200            | "    | "     | "             | "         | "       | "          | Sven    |  |
|          | :15      | 31,6          | 30,4           | 2507      | —         | 8,0         | 275       | 500             | "    | "     | "             | "         | "       | "          | "       | ET ~ 70m                                   |
|          | :30      | 31,7          | 34,6           | 2506      | 2517      | 10,2        | 263       | 1200            | "    | "     | "             | "         | "       | "          | "       | ET ~ 60m                                   |
|          | :45      | 31,9          | 39,2           | 2519      | 2527      | 8,6         | 265       | 2400            | "    | "     | "             | "         | "       | "          | "       |  |
|          | 11:00    | 32,0          | 43,2           | 2518      | 2529      | 9,0         | 279       | 1500            | "    | "     | "             | "         | "       | "          | "       | ET ~ 50m                                   |
|          | :15      | 32,0          | 47,4           | 2498      | 2506      | 9,2         | 269       | 900             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :30      | 32,4          | 51,9           | 2447      | 2457      | 8,8         | 259       | 800             | "    | "     | "             | "         | "       | "          | "       | ET ~ 40m                                   |
|          | :45      | 32,8          | 56,3           | 2430      | 2457      | 9,9         | 260       | 1000            | "    | "     | "             | "         | "       | "          | "       | ET ~ 50m                                   |
|          | 12:00    | 33,1          | 35° 00,9       | 2384      | 2396      | 9,2         | 265       | 1000            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 33,4          | 05,6           | 2047      | 2078      | 10,4        | 269       | 500             | "    | "     | "             | "         | "       | "          | Anke    | keine Referenzen, zu steil, keine FS-Tiefe |
|          | :30      | 33,7          | 10,5           | 1851      | 1863      | 10,0        | 262       | 1000            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 34,2          | 15,5           | 1720      | 1726      | 8,8         | 258       | 500             | "    | "     | "             | "         | "       | "          | "       |  |
|          | 13:00    | 34,7          | 20,2           | 1525      | 1437      | 11,3        | 259       | 2500            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 35,2          | 25,5           | 1113      | 1118      | 8,6         | 262       | 2000            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :30      | 35,6          | 30,6           | 1195      | 1197      | 11,3        | 265       | 500             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 35,2          | 35,7           | 1345      | 1349      | 9,2         | 268       | 1500            | "    | "     | "             | "         | "       | "          | "       | ET ~ 40m                                   |
|          | 14:00    | 36,29         | 41,27          | 1643      | 1649      | 10,3        | 257       | 1196            | "    | "     | "             | "         | "       | "          | Barbara |  |
|          | :15      | 36,91         | 46,34          | —         | 1995      | 8,4         | 261       | 638             | "    | "     | "             | "         | "       | "          | "       | BAN & B 2000 -> 5000                       |
|          | :30      | 37,21         | 51,46          | 2160      | 2153      | 10,7        | 266       | 603             | "    | "     | "             | "         | "       | "          | "       | MODE 1 -> 4                                |
|          | :45      | 37,43         | 56,46          | 2349      | 2361      | 13,1        | 263       | 515             | "    | "     | "             | "         | "       | "          | "       |  |
|          | 15:00    | 37,46         | 36° 01,16      | 2392      | 2401      | 9,1         | 291       | 623             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 36,60         | 05,44          | 2478      | 2488      | 7,9         | 292       | 773             | "    | "     | "             | "         | "       | "          | "       | ET ~ 75m                                   |
|          | :30      | 36,04         | 10,10          | 2497      | 2507      | 10,3        | 283       | 873             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 35,98         | 14,68          | 2512      | 2523      | 9,5         | 263       | 711             | "    | "     | "             | "         | "       | "          | "       |  |
|          | 16:00    | 36,18         | 19,55          | 2512      | 2522      | 9,2         | 264       | 840             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 26,47         | 24,52          | 2535      | 2547      | 10,2        | 262       | 804             | "    | "     | "             | "         | "       | "          | Denise  | Tapewechsel 64 -> 65 16.19                 |
|          | :30      | 37,02         | 29,66          | 2533      | 2562      | 10,5        | 274       | 714             | "    | "     | "             | "         | 65      | "          | "       | ET ~ 75m                                   |
|          | :45      | 36,47         | 34,47          | 2587      | 2598      | 11,4        | 263       | 741             | "    | "     | "             | "         | "       | "          | "       |  |
|          | 17:00    | 37,85         | 39,77          | 2584      | 2596      | 12,2        | 220       | 1024            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :15      | 39,78         | 43,81          | 2586      | 2596      | 12,9        | 269       | 829             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :30      | 39,48         | 48,56          | 2660      | 2669      | 12,9        | 282       | 715             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 38,95         | 53,19          | 2692      | 2702      | 9,9         | 265       | 1125            | "    | "     | "             | "         | "       | "          | "       | ET ~ 75m                                   |
|          | 18:00    | 39,17         | 59,7           | 2719      | 2729      | 9,3         | 264       | 800             | "    | "     | "             | "         | "       | "          | Katja   |  |
|          | :15      | 39,27         | 39° 04,6       | 2752      | 2762      | 7,0         | 267       | 700             | "    | "     | "             | "         | "       | "          | "       |  |
|          | :30      | 39,35         | 08,0           | 2776      | 2788      | 6,4         | 270       | 1000            | "    | "     | "             | "         | "       | "          | "       |  |
|          | :45      | 39,6          | 11,2           | 2775      | 2891      | 6,3         | 254       | 1100            | "    | "     | "             | "         | "       | "          | "       |  |



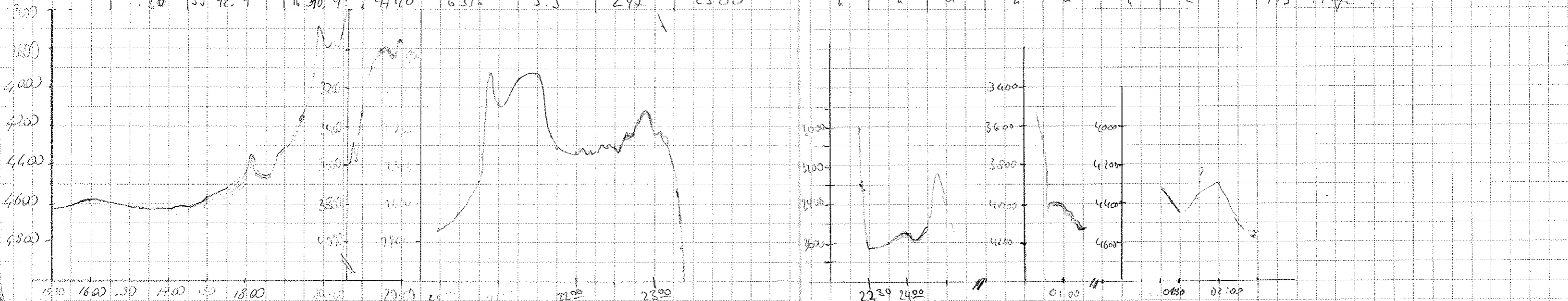
| Datum   | Zeit UTC | Breite [°] S | länge [°] W | Tiefe [m] | Tiefe HS [m] | Beschw. [kn] | Kurs [°] | max. Ampt. [m/s] | max. Pulse | Record Length | Wait time | Tape No. | Deso Rolle | Wahre     | Bemerkungen             |
|---------|----------|--------------|-------------|-----------|--------------|--------------|----------|------------------|------------|---------------|-----------|----------|------------|-----------|-------------------------|
| 5/12/97 | 19:00    | 59°39,5      | 37°14,7     | 2791      | 2800         | 6,7          | 275      | 1000             | 4          | 266           | 0         | 65       | 9          | Vatja     |                         |
|         | :15      | 39,5         | 17,7        | 2806      | 2817         | 6,9          | 267      | 1200             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 39,5         | 21,0        | 2824      | 2832         | 6,3          | 271      | 1300             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 39,6         | 24,2        | 2834      | 2845         | 7,4          | 270      | 1100             | "          | "             | "         | "        | "          | "         |                         |
|         | 20:00    | 39,2         | 27,8        | 2843      | 2854         | 8,2          | 283      | 600              | "          | "             | "         | "        | "          | Wühl      | ~ 60 m ET               |
|         | :15      | 38,8         | 31,3        | 2840      | 2857         | 8,4          | 281      | 1100             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 38,4         | 34,6        | 2847      | 2855         | 7,5          | 280      | 2100             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 38,1         | 37,8        | 2849      | 2858         | 7,5          | 280      | 800              | "          | "             | "         | "        | "          | "         |                         |
|         | 21:00    | 39,1         | 41,2        | 2868      | 2875         | 7,3          | 259      | 1000             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 38,9         | 43,8        | 2864      | 2863         | 7,5          | 286      | 300              | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 39,2         | 47,0        | 2866      | 2835         | 8,2          | 253      | 1800             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 39,2         | 50,5        | 2876      | 2887         | 8,6          | 286      | 400              | "          | "             | "         | "        | "          | "         |                         |
|         | 22:00    | 39,2         | 54,1        | 2889      | 2802         | 11,0         | 263      | 500              | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 39,6         | 38°00       | 2912      | 2924         | 10,0         | 252      | 400              | "          | "             | "         | "        | "          | Finkenley | ET ~ 40m                |
|         | :30      | 40,41        | 04          | 2926      | 2940         | 7,4          | 251      | 1000             | "          | "             | "         | 66       | "          | "         | 22:38 Tapewechsel 65→66 |
|         | :45      | 41,30        | 09,3        | 2947      | 2959         | 9,6          | 248      | 1100             | "          | "             | "         | "        | "          | "         | ET ~ 25m                |
|         | 23:00    | 42,27        | 14,18       | 2957      | 2967         | 11,0         | 241      | 1400             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 43,52        | 18,81       | 2965      | 2950         | 10,8         | 267      | 1600             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 43,94        | 24,63       | 2877      | 2887         | 12,4         | 262      | 7200             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 44,14        | 30,33       | 2836      | 2846         | 11,9         | 265      | 2000             | "          | "             | "         | "        | "          | "         |                         |
| 6/12/97 | 01:00    | 59°44,4      | 38°36,2     | 2804      | 2811         | 22,0         | 267      | 2000             | "          | "             | "         | "        | "          | Pardun    | Nikolaus-!              |
|         | :15      | 59°44,7      | 38°41,6     | 2734      | 2748         | 11,3         | 288      | 4100             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 59°44,5      | 38°46,3     | 2572      | 2574         | 10,4         | 262      | 600              | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 59°44,5      | 38°50,9     | 2313      | 2475         | 5,8          | 273      | 700              | "          | "             | "         | "        | "          | "         |                         |
|         | 01:00    | 59°44,9      | 39°05,8     | 2192      | 2205         | 10,2         | 252      | 1300             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 59°45,3      | 39°00,3     | 2024      | 2060         | 5,6          | 273      | 800              | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 59°45,3      | 39°03,5     | 1933      | 1941         | 6,0          | 273      | 1072             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 59°45,2      | 39°07,4     | 1854      | 1859         | 8,0          | 266,0    | 400              | "          | "             | "         | "        | "          | "         |                         |
|         | 02:00    | 59°45,3      | 39°11,3     | 1625      | 1720         | 7,3          | 263      | 2100             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 59°45,5      | 39°15,5     | 1625      | 1641         | 10,5         | 267      | 1400             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 59°45,5      | 39°18,7     | 1655      | 1661         | 8,5          | 265      | 2100             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 59°45,5      | 39°23,4     | 1680      | 1685         | 9,2          | 270      | 3500             | "          | "             | "         | "        | "          | "         |                         |
|         | 03:00    | 59°45,5      | 39°27,5     | 1726      | 1715         | 6,3          | 268      | 2000             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 59°45,7      | 39°30,8     | 1619      | 1654         | 8,9          | 264      | 700              | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 59°45,8      | 39°33,4     | 1619      | 1627         | 3,8          | 277      | 1100             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 59°46,2      | 39°36,8     | 1673      | 1683         | 9,0          | 265      | 1600             | "          | "             | "         | "        | "          | "         |                         |
|         | 04:00    | 59°46,3      | 39°40,8     | 1680      | 1687         | 7,0          | 270      | 1000             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 46,1         | 45,1        | 973       | 958          | 12,3         | 260      | 3000             | "          | "             | "         | "        | "          | Usher     |                         |
|         | :30      | 46,7         | 50,3        | 842       | 848          | 12,6         | 270      | 1800             | "          | "             | "         | "        | "          | "         |                         |
|         | :45      | 46,6         | 56,3        | 923       | 948          | 6,0          | 265      | 1300             | "          | "             | "         | "        | "          | "         |                         |
|         | 05:00    | 46,5         | 40°00,4     | 1198      | 1202         | 7,4          | 269      | 4600             | "          | "             | "         | "        | "          | "         |                         |
|         | :15      | 46,5         | 04,4        | 1346      | 1351         | 11,7         | 271      | 2100             | "          | "             | "         | "        | "          | "         |                         |
|         | :30      | 46,6         | 07,3        | 1360      | 1369         | 8,1          | 267      | 1500             | "          | "             | "         | "        | "          | "         |                         |



| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe PS [m] | Tiefe HS [m] | Geschw [kn] | Wass [°] | Max Ampl. [mV] | Frequ. [Hz] | Pulse | Record length | Wait time | Tape No | Deso-Rolle | Wache   | Bemerkungen                             |
|----------|----------|-------------|------------|--------------|--------------|-------------|----------|----------------|-------------|-------|---------------|-----------|---------|------------|---------|---|
| 06/12/97 | 05:45    | 57° 46,7    | 40° 11,9   | 133,9        | 134,4        | 9,2         | 268      | 1500           | 4           | 2     | 266           | 0         | 66      | 9          | Ute 9   |   |
|          | 06:02    | 46,8        | 16,9       | 135,4        | 135,8        | 7,2         | 264      | 2200           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 07       | 46,9        | 22,1       | 147,0        | 147,7        | 11,4        | 266      | 650            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 10       | 46,9        | 26,3       | 150,8        | 151,4        | 12,8        | 267      | 2300           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 14       | 47,5        | 30,5       | 173,7        | 174,4        | 9,5         | 251      | 1700           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 07:00    | 47,6        | 34,8       | 215          | 211,9        | 10,5        | 268      | 1600           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 15       | 47,7        | 39,5       | 232,7        | 233,7        | 11,7        | 263      | 1800           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 20       | 47,8        | 44,9       | 260,7        | 262,0        | 11,4        | 263      | 1100           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 27       | 48,0        | 49,9       | 284,4        | 285,5        | 9,6         | 242      | 800            | "           | "     | "             | "         | 62      | "          | "       |   |
|          | 08:00    | 48,7        | 54,3       | 290,9        | 292,3        | 9,5         | 250      | 900            | "           | "     | "             | "         | "       | 10         | Katja   | Tape 66 → 62<br>Deso 9 → 10<br>ET ~ 75m |
|          | 15       | 49,1        | 59,5       | 296,9        | 298,3        | 12,5        | 269      | 1000           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 20       | 48,5        | 41° 05,1   | 295,3        | 297,0        | 11,8        | 285      | 400            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 48,1        | 10,5       | 314,6        | 315,5        | 10,7        | 280      | 450            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 09:00    | 47,6        | 15,6       | 332,1        | 332,9        | 10,5        | 280      | 500            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 15       | 47,8        | 19,9       | 343,5        | 344,8        | 9,4         | 262      | 800            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 20       | 48,2        | 24,4       | 351,9        | 352,8        | 9,1         | 265      | 500            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 48,8        | 28,2       | 356,8        | 359,0        | 7,4         | 229      | 800            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 10:00    | 49,4        | 32,3       | 369,0        | 366,0        | 10,4        | 273      | 900            | "           | "     | "             | "         | "       | "          | Soen    | ET ~ 25m                                |
|          | 15       | 49,1        | 37,1       | 370,8        | 373,0        | 10,3        | 279      | 1000           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 30       | 48,7        | 41,5       | 378,5        | 380,7        | 9,7         | 265      | 800            | "           | "     | "             | "         | "       | "          | "       | ET ~ 60m                                |
|          | 45       | 49,1        | 45,8       | 384,2        | 387,0        | 9,1         | 259      | 1000           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 11:00    | 49,8        | 50,3       | 391,4        | 393,2        | 10,4        | 254      | 800            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 15       | 50,6        | 55,0       | 396,6        | 398,4        | 10,4        | 250      | 600            | "           | "     | "             | "         | "       | "          | Katja   |   |
|          | 30       | 51,5        | 59,4       | 404,2        | 424,4        | 8,5         | 262      | 1300           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 51,5        | 42° 03,9   | 413,0        | 414,8        | 10,2        | 265      | 1100           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 12:00    | 51,67       | 08,29      | 418,8        | 420,7        | 8,5         | 265      | 1025           | "           | "     | "             | "         | "       | "          | Denise  |   |
|          | 15       | 51,60       | 12,10      | 422,2        | 424,2        | 7,8         | 290      | 76             | "           | "     | "             | "         | "       | "          | "       |   |
|          | 30       | 51,44       | 16,20      | 425,9        | 428,7        | 9,7         | 265      | 748            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 51,13       | 20,56      | 429,3        | 431,5        | 9,1         | 283      | 771            | "           | "     | "             | "         | "       | "          | "       |   |
|          | 13:00    | 50,91       | 24,68      | 433,4        | 425,5        | 9,4         | 280      | 1756           | "           | "     | "             | "         | "       | "          | "       | 13:05 Tapewechsel 67 → 68               |
|          | 15       | 50,84       | 29,08      | 436,0        | 438,5        | 10,6        | 262      | 934            | "           | "     | "             | "         | 68      | "          | "       | ET ~ 20m                                |
|          | 30       | 51,20       | 34,52      | 434,1        | 433,1        | 5,5         | 260      | 680            | "           | "     | "             | "         | "       | "          | "       | ET ~ 5m                                 |
|          | 45       | 51,43       | 38,70      | 440,5        | 441,6        | 9,3         | 258      | 1273           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 14:00    | 51,7        | 43,3       | 457,8        | 459,5        | 11,0        | 262      | 930            | "           | "     | "             | "         | "       | "          | Babette |   |
|          | 15       | 52,2        | 48,3       | 455,6        | 457,3        | 9,6         | 263      | 2000           | "           | "     | "             | "         | "       | "          | "       | ET ~ 35m                                |
|          | 30       | 52,4        | 52,6       | 457,9        | 460,2        | 7,5         | 267      | 2250           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 52,4        | 56,5       | 458,8        | 462,2        | 7,4         | 275      | 1400           | "           | "     | "             | "         | "       | "          | "       | ET ~ 75m                                |
|          | 15:00    | 52,7        | 43° 00,4   | 462          | 463,2        | 8,7         | 250      | 4800           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 15       | 53,0        | 04,4       | 461,7        | 463,5        | 8,5         | 273      | 3500           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 30       | 53,2        | 09,5       | 461,6        | 463,5        | 10,9        | 260      | 3200           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 45       | 52,9        | 15,1       | 460,3        | 462,5        | 8,5         | 280      | 5500           | "           | "     | "             | "         | "       | "          | "       |   |
|          | 16:00    | 52,99       | 20,35      | 458,9        | 460,6        | 9,4         | 263      | 2535           | "           | "     | "             | "         | "       | "          | Barbara |   |

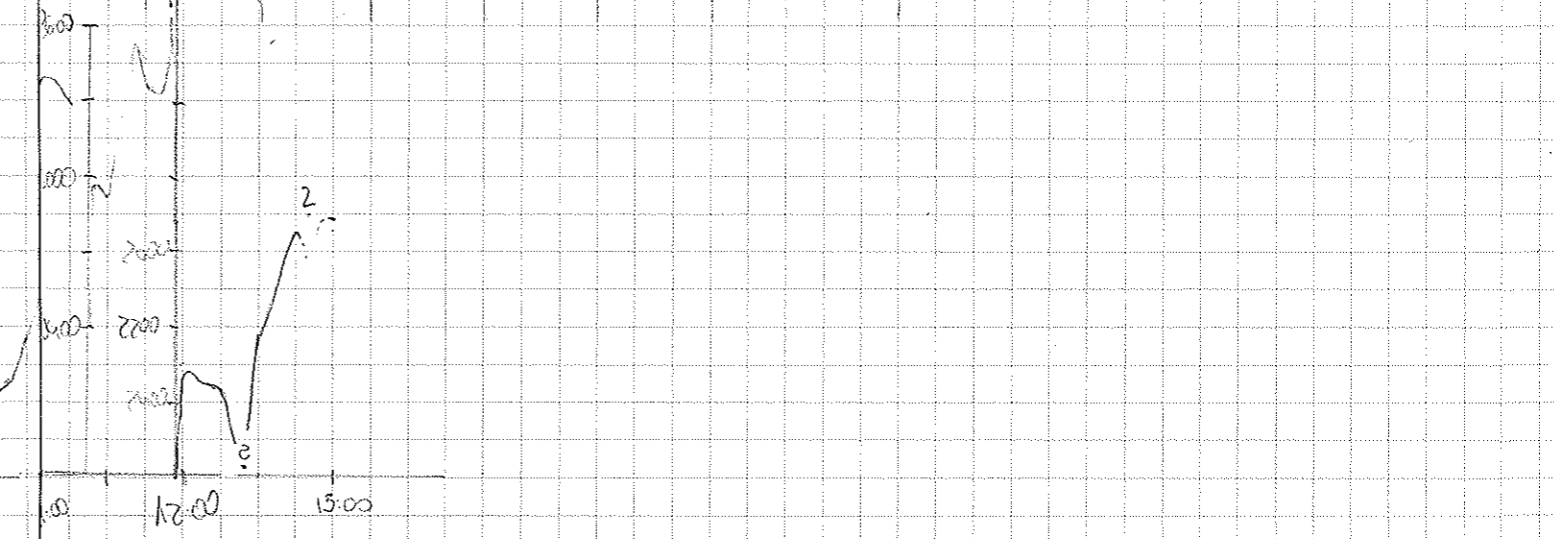
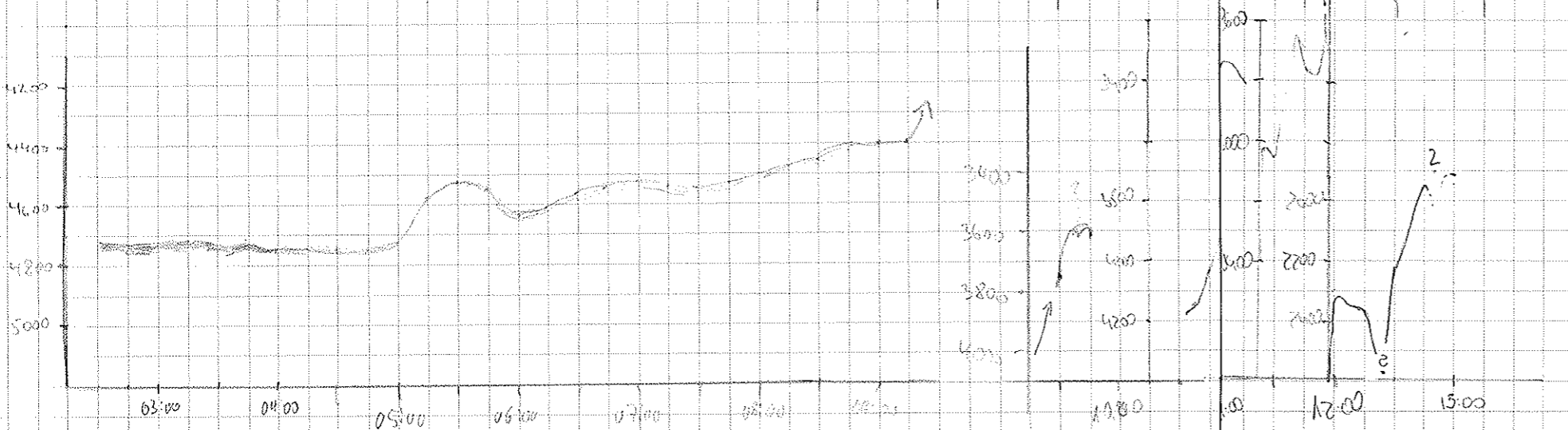


| DAUM     | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS [m] | TIEFE KS [m] | Geschw [km] | KURS [°] | max. Amplitude [mV] | PROFUND | PULSE | RECORD LENGTH | WRITE TIME | TAPE No | DESO-Route | Wachhabende RÜCKWAUSE | ZEHLEKUNGEN   |
|----------|----------|-------------|------------|--------------|--------------|-------------|----------|---------------------|---------|-------|---------------|------------|---------|------------|-----------------------|---|
| 06/12/97 | 16:15    | 59°53,13    | 43°25,93   | 4604         | 4620         | 11,4        | 254      | 2403                | 4       | 2     | 266           | 0          | 68      | 10         | Barbarca              | ET 45 m   |
|          | 30       | 52,95       | 30,49      | 4615         | 4676         | 7,8         | 293      | 1348                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 52,02       | 33,59      | 4634         | 4698         | 6,1         | 310      | 1500                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 17:00    | 50,98       | 36,83      | 4635         | 4658         | 8,4         | 300      | 1689                | "       | "     | "             | "          | "       | "          | "                     | BT 50 m   |
|          | 15       | 49,48       | 41,04      | 4613         | 4638         | 11,5        | 302      | 2050                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 48,41       | 43,33      | 4569         | 4591         | 10,3        | 302      | 9685                | "       | "     | "             | "          | "       | "          | "                     | BT-60 m   |
|          | 45       | 47,49       | 50,67      | 4514         | 4541         | 10,3        | 387      | 2333                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 18:00    | 46,6        | 56,0       | 4430         | 4653         | 11,8        | 287      | 700                 | "       | "     | "             | "          | 69      | "          | Ulrich                | Tapewechsel 17:58 10.09   |
|          | 15       | 45,6        | 44°01,5    | 4459         | 4483         | 10,9        | 289      | 500                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 44,7        | 01,1       | 4317         | 4361         | 12,0        | 303      | 600                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 43,7        | 12,2       | 4147         | 4185         | 10,1        | 291      | 1500                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 19:00    | 41,8        | 17,3       | 3752         | 3771         | 12,5        | 296      | 800                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 40,7        | 22,6       | 3715         | 3732         | 12,4        | 280      | 500                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 40,0        | 28,7       | 3336         | 3335         | 13,0        | 280      | 300                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 38,4        | 34,8       | 3010         | 3020         | 12,8        | 280      | 3000                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 20:00    | 38,5        | 40,8       | 2961         | 2971         | 12,6        | 273      | 600                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 59°38,81    | 44°47,20   | 2731         | 2788         | 11,9        | 265      | 247                 | "       | "     | "             | "          | "       | "          | "                     | steil hang -> keine   |
|          | 30       | 38,79       | 55,78      | 2644         | 2655         | 11,9        | 280      | 818                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 38,36       | 5,43       | 2472         | 2509         | 12,5        | 282      | 679                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 21:00    | 37,41       | 45°05,36   | 2031         | 2022         | 12,1        | 299      | 1850                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 36,35       | 10,15      | 1254         | 1282         | 11,7        | 291      | 1743                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 36,11       | 11,45      | 1926         | 1950         | 13,0        | 253      | 695                 | "       | "     | "             | "          | "       | "          | "                     | schwacher Reflektor, FF=10m<br>PS < 2000 m => max 1 -> 2500 Knacht<br>10radsond nur geachtet! |
|          | 45       | 35,86       | 21,13      | 2208         | 2214         | "           | 286      | 1440                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 22:00    | 35,43       | 26,76      | 2313         | 2325         | 9,4         | 265      | 4100                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 36,26       | 31,28      | 2366         | 2376         | 8,9         | 248      | 1200                | "       | "     | "             | "          | "       | "          | Finkenkejs            | "   |
|          | 30       | 37,15       | 35,69      | 2316         | 2316         | 8,9         | 251      | 1600                | "       | "     | "             | "          | "       | "          | "                     | Schwacher Reflektor   |
|          | 45       | 38,07       | 40,58      | 2220         | 2236         | 10,8        | 248      | 1000                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 23:00    | 39,01       | 45,54      | 2235         | 2241         | 10,8        | 250      | 1000                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 39,87       | 50,18      | 2432         | 2491         | 10,9        | 250      | 300                 | "       | "     | "             | "          | "       | "          | "                     | steil hang, kein signal   |
|          | 30       | 40,97       | 51,57      | -            | 3623         | 10,4        | 248      | 3000                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 41,94       | 46°00,6    | 3593         | 3604         | 10,9        | 255      | 600                 | "       | "     | "             | "          | "       | "          | "                     | "   |
| 07/12/97 | 0:00     | 42,62       | 5,5        | 3576         | 3586         | 10,9        | 255      | 7000                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 59°43,43    | 46°09,9    | 3509         | 3577         | 7,6         | 254      | 1500                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 59°43,8     | 46°13,1    | 3380         | 3401         | 6,7         | 232      | 670                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 59°44,2     | 46°16,1    | 3622         | 3677         | 7,6         | 243      | 450                 | "       | "     | "             | "          | 70      | "          | "                     | 00:37 TAPE WECHSEL, kein signal   |
|          | 01:00    | 59°45,4     | 46°15,4    | 4012         | 3997         | 7,8         | 249      | 1250                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 15       | 59°45,9     | 46°25,2    | 4149         | 4169         | 8,3         | 253      | 350                 | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 30       | 59°46,5     | 46°27,5    | 4375         | 4299         | 8,4         | 254      | 6032                | "       | "     | "             | "          | "       | "          | "                     | "   |
|          | 45       | 59°47,0     | 46°31,3    | 4350         | 4395         | 4,7         | 250      | 1000                | "       | "     | "             | "          | "       | "          | "                     | nicht richtig von zu sehen  |
|          | 02:00    | 59°47,4     | 46°34,5    | 4260         | 4302         | 8,7         | 261      | 4000                | "       | "     | "             | "          | "       | "          | "                     | - " -> kleiner Blauschiff   |
|          | 15       | 59°47,87    | 46°37,92   | 4503         | 4556         | 6,3         | 245      | 1000                | "       | "     | "             | "          | "       | "          | "                     | ↳ Bettina findet Parasound nicht gemacht!<br>HS-High?   |
|          | 30       | 59°48,4     | 46°40,4    | 4740         | 6336         | 5,3         | 247      | 2500                | "       | "     | "             | "          | "       | "          | "                     | "   |

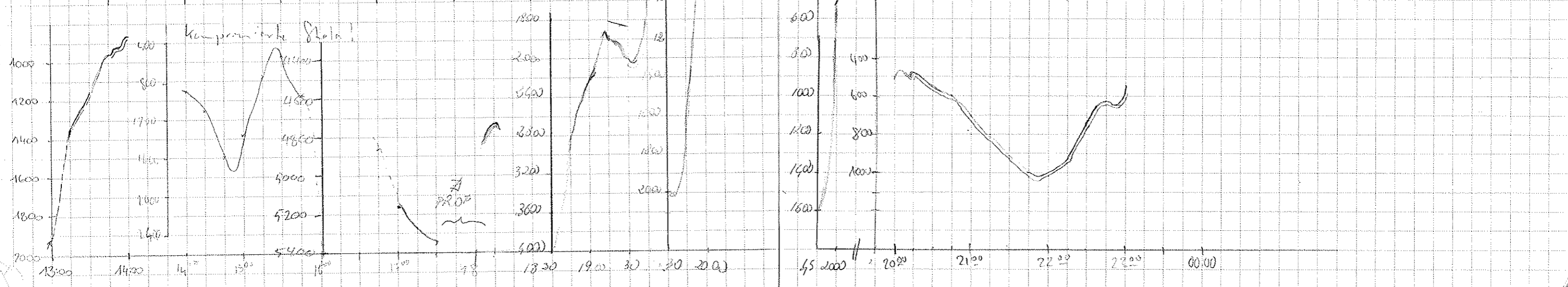




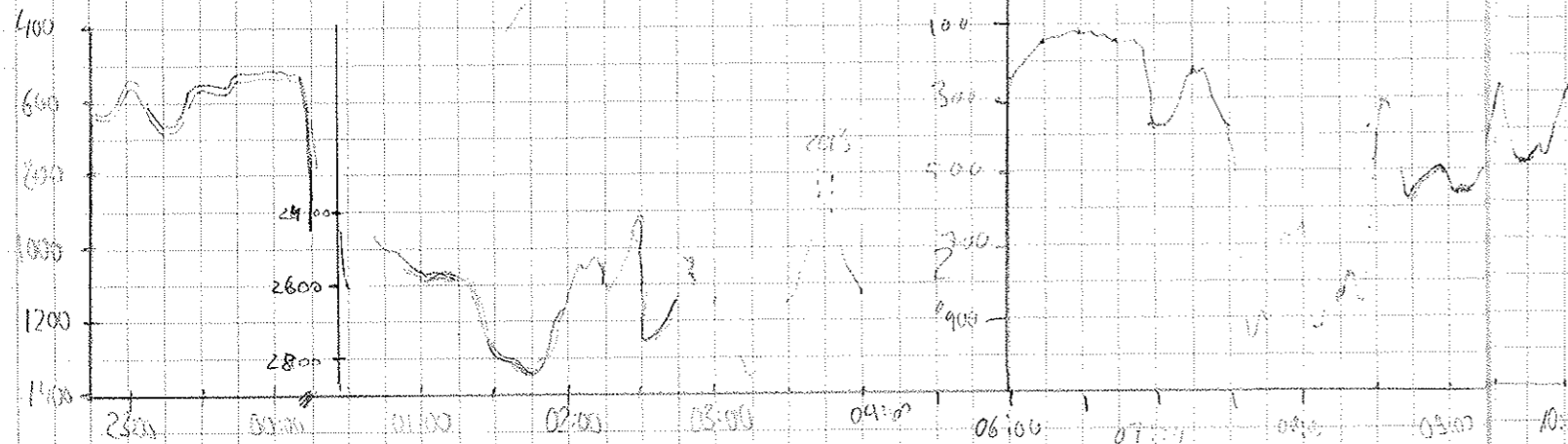
| DATUM | ZEIT     | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | Geschw. [kn] | KURS [°] | max. Ampl. | RECOR. LENGTH | PULSE | WAIT TIME | TAPE No | DESO ROLLE | WACHE  | BEMERKUNGEN                          |
|-------|----------|-------------|------------|----------|----------|--------------|----------|------------|---------------|-------|-----------|---------|------------|--------|--------------------------------------|
| 02:45 | 59°48.0  | 46°03.1     | 4748       | 4767     | 6.7      | 246          | 800      | 4          | 2             | 266   | 0         | 70      | 10         | Pomkum | ET ~ 10m                             |
| 03:00 | 59°49.3  | 46°05.8     | 4759       | 4784     | 6.8      | 277          | 780      | "          | "             | "     | "         | "       | "          | "      | ET ~ 20m                             |
| 03:15 | 59°49.3  | 46°49.4     | 4751       | HJ crown | 6.1      | 267          | 1100     | "          | "             | "     | "         | "       | "          | "      | HJ crown                             |
| 03:30 | 59°49.4  | 46°53.8     | 4744       | 4767     | 8.8      | 264          | 1000     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 03:45 | 59°49.7  | 46°58.5     | 4733       | 4752     | 9.6      | 257          | 1600     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 04:00 | 59°50.1  | 47°01.7     | 4732       | 4747     | 6.0      | 253          | 3200     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 04:15 | 59°50.2  | 47°04.2     | 4729       | 4699     | 5.4      | 263          | 2500     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 04:30 | 59.4     | 7.5         | 4741       | 4757     | 8.0      | 269          | 1800     | "          | "             | "     | "         | "       | "          | "      | Kühler                               |
| 04:45 | 59.7     | 11.4        | 4758       | 4752     | 9.0      | 252          | 4500     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 05:04 | 59.4     | 16.0        | 4729       | 4740     | 8.5      | 254          | 1300     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 05:19 | 59.9     | 18.9        | 4596       | 4642     | 5.6      | 256          | 1400     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 05:30 | 52.2     | 23.6        | 4522       | 4557     | 3.6      | 260          | 4400     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 05:45 | 52.3     | 24.1        | 4586       | 4623     | 8.2      | 268          | 6900     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 06:00 | 52.4     | 27.5        | 4632       | 4651     | 5.3      | 274          | 1100     | "          | "             | "     | "         | 71      | "          | "      |                                      |
| 06:15 | 52.4     | 30.3        | 4603       | 4623     | 7.5      | 266          | 2300     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 06:30 | 52.7     | 34.1        | 4575       | 4589     | 7.5      | 262          | 2300     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 06:45 | 53.2     | 39.0        | 4548       | 4563     | 8.3      | 257          | 1300     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 07:02 | 53.6     | 43.3        | 4535       | 4553     | 10.3     | 255          | 1800     | "          | "             | "     | "         | "       | "          | "      | ET ~ 25m                             |
| 07:15 | 54.0     | 47.0        | 4529       | 4556     | 10.4     | 255          | 2500     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 07:30 | 54.9     | 52.4        | 4539       | 4552     | 9.5      | 250          | 2900     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 07:45 | 55.7     | 57.3        | 4518       | 4536     | 10.0     | 252          | 2700     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 08:00 | 56.5     | 48° 01.8    | 4507       | 4522     | 8.9      | 248          | 2700     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 08:15 | 57.3     | 06.4        | 4485       | 4502     | 9.2      | 257          | 2600     | "          | "             | "     | "         | "       | "          | "      | Anke                                 |
| 08:30 | 57.8     | 11.1        | 4477       | 4468     | 10.7     | 258          | 3000     | "          | "             | "     | "         | "       | "          | "      |                                      |
| 08:45 | 58.1     | 15.5        | 4431       | 4442     | 8.6      | 261          | 2000     | "          | "             | "     | "         | "       | "          | "      | ET ~ 15m                             |
| 09:00 | 58.4     | 19.8        | 4405       | 4422     | 9.0      | 257          | 300      | "          | "             | "     | "         | "       | "          | "      |                                      |
| 09:15 | 58.7     | 23.0        | 4396       | 4409     | 6.0      | 258          | 2300     | "          | "             | "     | "         | "       | "          | "      | ET ~ 10m                             |
| 09:30 | 59.1     | 27.3        | 3746       | 3771     | 8.1      | 278          | 500      | "          | "             | "     | "         | "       | "          | "      | 9.16-9.31: steiler Hang neben Signal |
| 09:45 | 59.4     | 31.4        | 3634       | 3681     | 8.3      | 253          | 600      | "          | "             | "     | "         | "       | "          | "      | aufwachen! (Blas schlag!)            |
| 10:00 | 60° 00.0 | 35.8        | 3638       | 3840     | 8.0      | 250          | 1200     | "          | "             | "     | "         | "       | "          | "      | 3600-44200 (max. emp)                |
| 10:15 | 01.5     | 38.8        | 3664       | 3958     | 6.0      | 248          | 700      | "          | "             | "     | "         | "       | "          | "      | Sein P. f. 10:15 immer noch schief!  |
| 10:30 | 01.4     | 44.7        | -          | 4163     | 11.5     | 257          | 300      | "          | "             | "     | "         | "       | "          | "      | Flaser Hang                          |
| 10:45 | 01.8     | 48.8        | 4072       | 4072     | 10.5     | 254          | 850      | "          | "             | "     | "         | "       | "          | "      | senkrecht stehen                     |
| 11:00 | 02.6     | 54.4        | 3754       | 3633     | 10.4     | 257          | 800      | "          | "             | "     | "         | 72      | "          | "      | Kump                                 |
| 11:15 | 03.3     | 48° 00.0    | 3406       | 3460     | 10.1     | 256          | 1100     | "          | "             | "     | "         | "       | "          | "      | 10:35                                |
| 11:30 | 03.7     | 05.3        | 3038       | 3055     | 11.3     | 282          | 750      | "          | "             | "     | "         | "       | "          | "      | topendrun 10:52 -> No. 72            |
| 11:45 | 03.8     | 10.7        | 2688       | 2778     | 11.0     | 255          | 200      | "          | "             | "     | "         | "       | "          | "      |                                      |
| 12:00 | 04.5     | 15.4        | 2332       | 2428     | 9.6      | 256          | 400      | "          | "             | "     | "         | "       | "          | "      |                                      |
| 12:15 | 04.9     | 19.8        | 2378       | 2393     | 7.1      | 252          | 500      | "          | "             | "     | "         | "       | "          | "      | Babette                              |
| 12:30 | 05.7     | 23.6        | 2227       | 2265     | 8.3      | 243          | 330      | "          | "             | "     | "         | "       | "          | "      |                                      |
| 12:45 | 06.4     | 27.0        | 1955?      | 1998     | 5.0      | 251          | 350      | "          | "             | "     | "         | "       | "          | "      |                                      |
| 13:00 | 06.3     | 30.1        | 1907       | 1968     | 6.9      | 263          | 280      | "          | "             | "     | "         | "       | "          | "      |                                      |



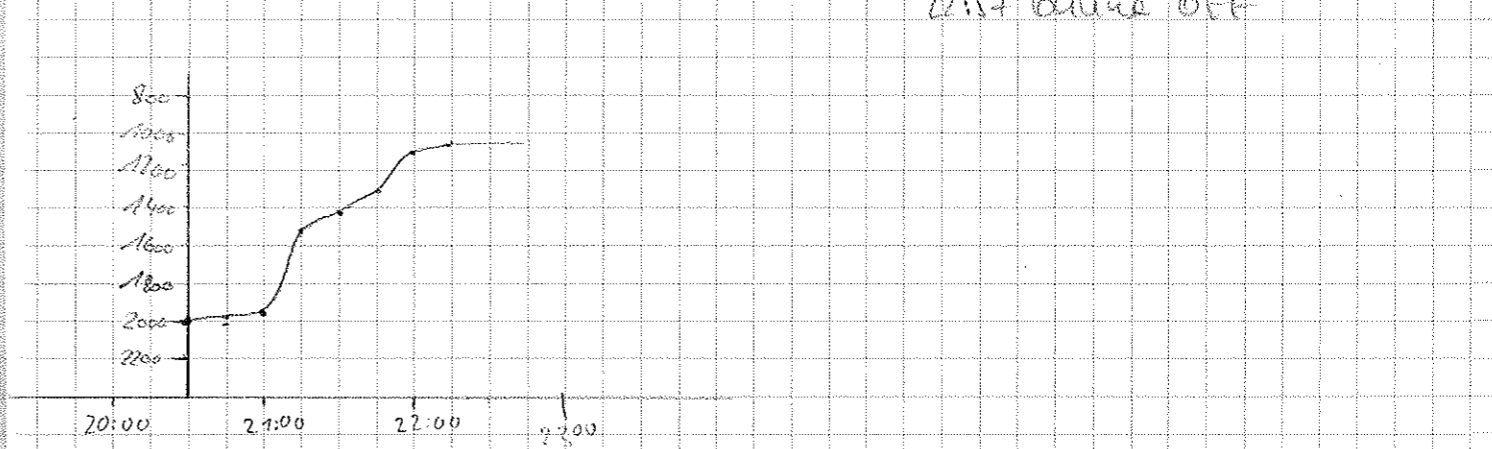
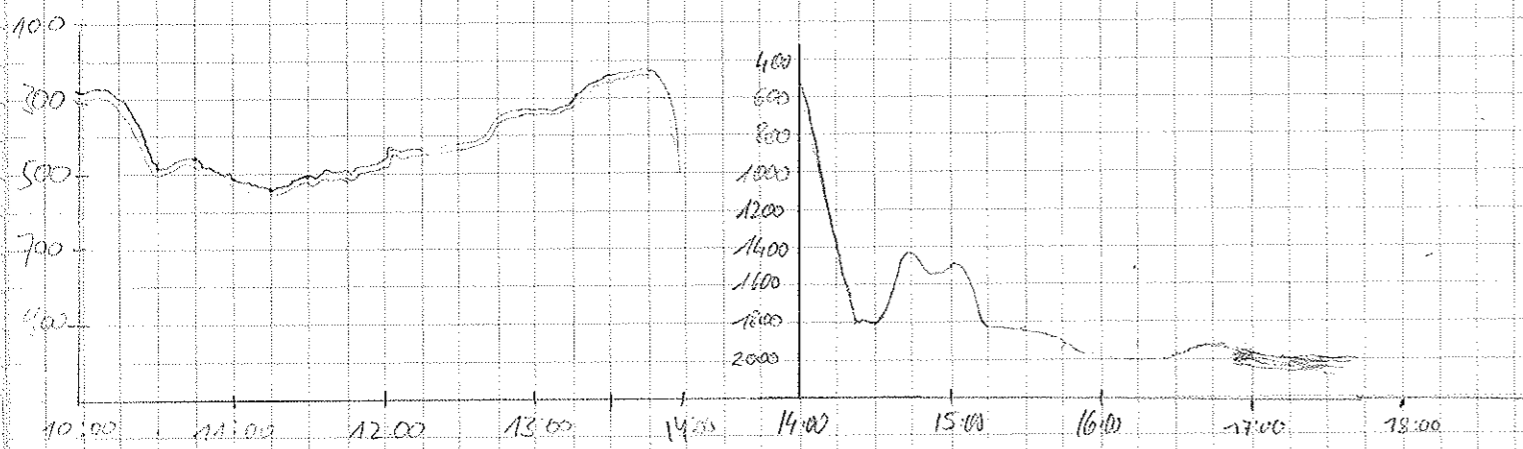
| Datum    | Zeit  | Breite<br>[°] | Länge<br>[°] | Tiefe<br>PS | Tiefe<br>AS | Celex<br>[km] | Wm<br>[°] | max. Amplit.<br>[mV] | Trag | Pulse | Record<br>Length | Wart<br>Time | Tape<br>No. | DESO<br>Pole | Warte   | Rema. PS                        |                                     |
|----------|-------|---------------|--------------|-------------|-------------|---------------|-----------|----------------------|------|-------|------------------|--------------|-------------|--------------|---------|---------------------------------|-------------------------------------|
| 07/12/97 | 13:15 | 60° 07,5      | 49° 33,6     | 1350        | 1364        | 4,8           | 240       | 580                  | "    | 2     | 268              | 0            | 72          | 10           | Babelte |                                 |                                     |
|          | :30   | 07,8          | 35,6         | 1176        | 1184        | 5,4           | 254       | 975                  | "    | "     | "                | "            | "           | "            | "       | ET ~ 5m                         |                                     |
|          | :45   | 08,2          | 38,8         | 959         | 963         | 5,6           | 255       | 3000                 | "    | "     | "                | "            | "           | "            | "       | " ~ 10m                         |                                     |
|          | 14:00 | 08,5          | 42,4         | 871         | 875         | 5,1           | 254       | 2750                 | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
|          | :15   | 60° 08,74     | 49° 45,72    | 923         | 932         | 5,5           | 248       | 520                  | "    | "     | "                | "            | "           | "            | C. lid  | DESO - ROLLE steht schon lang   |                                     |
|          | :30   | 08,94         | 48,64        | 1110        | 1114        | 10,1          | 275       | 628                  | "    | "     | "                | "            | "           | "            | "       | "                               | seit 14 <sup>00</sup> Uhr bis 14:40 |
|          | :45   | 09,10         | 53,13        | 1503        | 1622        | 8,3           | 245       | 495                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 15:00 | 10,38         | 58,01        | 1560        | 1368        | 13,8          | 228       | 652                  | "    | "     | "                | "            | "           | "            | "       | "                               | kein Signal trotz net. et           |
|          | :15   | 11,79         | 50° 01,55    | 1501        | 1554        | 14,6          | 255       | 507                  | "    | "     | "                | "            | "           | "            | "       | "                               | ET < 10 m                           |
|          | :30   | 13,54         | 09,23        | 544         | 585         | 10,5          | 252       | 1951                 | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | :45   | 15,56         | 13,71        | 954         | 961         | 12,3          | 188       | 273                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 16:00 | 17,68         | 17,04        | -           | 2603        | 13,6          | 223       | 436                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 16:15 | 18,9          | 23,6         | -           | 3795        | 9,0           | 238       | 266                  | "    | "     | "                | "            | "           | "            | "       | Heje                            |                                     |
|          | 16:30 | 20,3          | 27,7         | -           | 4516        | 9,8           | 225       | 232                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 16:45 | 20,18         | 32,8         | 4818        | 4862        | 13,7          | 203       | 261                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 17:00 | 21,1          | 34,2         | 4178        | 5213        | 13,5          | 269       | 616                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 17:15 | 21,7          | 44,5         | 5340        | 5365        | 14,4          | 252       | 999                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 17:30 | 22,5          | 49,6         | 5346        | 5372        | 11,5          | 239       | 1028                 | "    | "     | "                | "            | "           | "            | "       | Heje                            |                                     |
|          | 17:45 | 23,6          | 56,6         | 5257        | 5353        | 12,3          | 260       | 236                  | "    | "     | "                | "            | "           | "            | "       | "                               |                                     |
|          | 18:00 | 23,64         | 51° 02,04    | 4936        | 5075        | 12,8          | 268       | 153                  | "    | "     | "                | "            | "           | "            | "       | Zaebaxa                         | PROFIL                              |
|          | :15   | 23,92         | 08,58        | 4720        | 4445        | 11,4          | 265       | 680                  | "    | "     | "                | "            | "           | "            | "       | "                               | TAPPE WECHSEL 18:03                 |
|          | :30   | 24,27         | 16,45        | 3881        | 4048        | 13,8          | 261       | 466                  | "    | "     | "                | "            | "           | "            | "       | "                               | 18:04 WIEDER PROFIL (FAST)          |
|          | :45   | 24,43         | 31,31        | 2927        | 2985        | 13,1          | 263       | 398                  | "    | "     | "                | "            | "           | "            | "       | "                               | ET ~ 30m bis 18:20                  |
| 19:00    | 25,19 | 27,44         | 2208         | 2317        | 13,8        | 256           | 2040      | "                    | "    | "     | "                | "            | "           | "            | "       | VON 18:20 BIS 18:30 - A. PROFIL |                                     |
| :15      | 25,86 | 34,09         | 1860         | 1894        | 13,4        | 259           | 253       | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :30      | 26,51 | 40,44         | 2030         | 2036        | 13,9        | 267           | 3000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :45      | 27,05 | 45,46         | 1609         | 1639        | 14,0        | 261           | 350       | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| 20:00    | 27,74 | 51,04         | 504          | 505         | 10,5        | 255           | 2000      | "                    | "    | "     | "                | "            | "           | "            | Heje    |                                 |                                     |
| :15      | 28,60 | 56,10         | 496          | 496         | 10,7        | 254           | 3000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :30      | 29,01 | 52° 01,29     | 544          | 544         | 11,2        | 262           | 900       | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :45      | 29,55 | 05,91         | 606          | 606         | 11,2        | 214           | 1800      | "                    | "    | "     | "                | "            | "           | "            | "       | ET ~ 10m                        |                                     |
| 21:00    | 29,95 | 08,24         | 708          | 709         | 10,5        | 254           | 2000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :15      | 32,62 | 13,28         | 296          | 297         | 11,1        | 253           | 3000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :30      | 34,34 | 19,11         | 919          | 919         | 11,5        | 258           | 3000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :45      | 34,26 | 24,85         | 1004         | 1005        | 11,5        | 272           | 2000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| 22:00    | 34,1  | 30,7          | 1013         | 1017        | 11,8        | 273           | 1400      | "                    | "    | "     | "                | "            | "           | "            | Soem    | ET ~ 15m Sechard 42. Lager      |                                     |
| :15      | 34,0  | 36,4          | 988          | 941         | 11,4        | 271           | 2000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :30      | 34,0  | 41,9          | 775          | 782         | 11,3        | 267           | 1200      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| :45      | 34,2  | 47,7          | 618          | 619         | 11,4        | 267           | 4000      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |
| 23:00    | 34,2  | 53,5          | 561          | 562         | 12,3        | 271           | 2400      | "                    | "    | "     | "                | "            | "           | "            | "       |                                 |                                     |



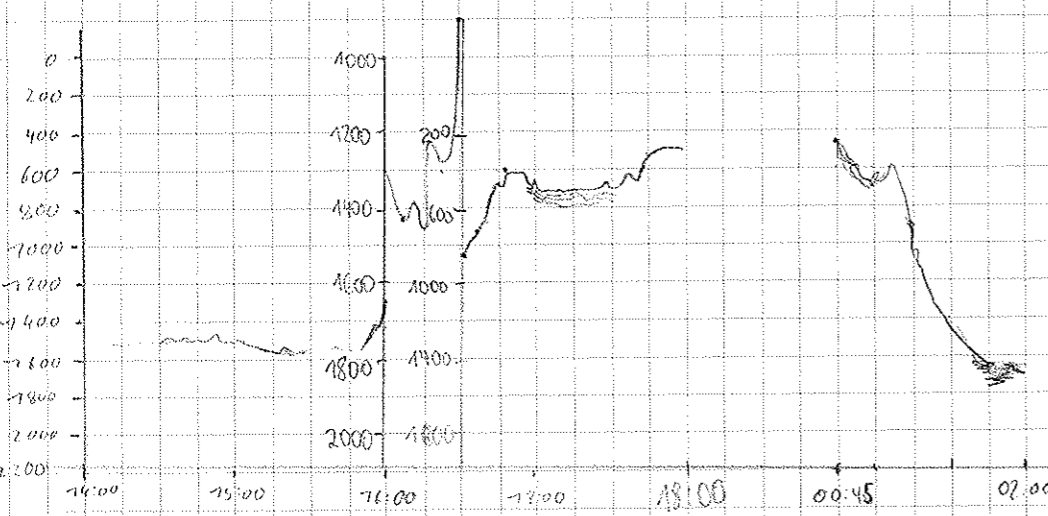
| DATUM     | ZEIT  | BREITE [°S] | LÄNGE [°W] | TIEFE [m] | TIEFE [m] | SECHW. | KURS | MAX. ANPL. | IRCO | PULSE | RECORD LENGTH | WATT TIME | TAPE NO | REEL | WÄCHE   | BEMERKUNGEN                              |
|-----------|-------|-------------|------------|-----------|-----------|--------|------|------------|------|-------|---------------|-----------|---------|------|---------|--|
| 7.12.97   | 23:15 | 60°34.3     | 52°59.5    | 669       | 666       | 11.7   | 268  | 3800       | 4    | 2     | 266           | 0         | 73      | 10   | Sven    | ET ~ 15m                                 |
|           | :30   | 35.1        | 53°05.2    | 543       | 543       | 11.8   | 253  | 3100       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 35.9        | 10.9       | 536       | 537       | 11.4   | 256  | 4000       | "    | "     | "             | "         | "       | "    | "       | "  |
| 02.12.197 | 00:00 | 36.3        | 16.6       | 522       | 524       | 11.8   | 266  | 1500       | "    | "     | "             | "         | "       | "    | "       | ↓  |
|           | :15   | 60°36.5     | 53°21.8    | 827       | 816       | 9.9    | 242  | 400        | "    | "     | "             | "         | "       | "    | Torkhan | hierisch starker Klang                   |
|           | :30   | 60°37.1     | 53°28.7    | 2194      | 2219      | 11.5   | 255  | 500        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 60°37.2     | 53°34.2    | 2284      | 2334      | 11.7   | 257  | 500        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | 01:00 | 60°38.6     | 53°39.7    | 2587      | 2573      | 11.1   | 249  | 2700       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 60°39.6     | 53°44.7    | 2574      | 2585      | 11.6   | 248  | 1000       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 60°40.4     | 53°49.5    | 2720      | 2736      | 10.7   | 250  | 2500       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 60°41.1     | 53°54.2    | 2823      | 2833      | 10.5   | 248  | 5300       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | 02:00 | 60°42.5     | 53°59.6    | 2687      | 2685      | 10.2   | 241  | 670        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 60°43.5     | 54°04.3    | 2478      | 2493      | 10.3   | 244  | 500        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 60°44.3     | 54°09.5    | 2380      | 2447      | 10.0   | 256  | 500        | "    | "     | "             | "         | 74      | "    | "       | 02:19 TAPE WECHSEL                       |
|           | :45   | 60°44.9     | 54°11.4    | 2687      | 2680      | 10.7   | 247  | 400        | "    | "     | "             | "         | "       | "    | "       | Was ein hoch und reiner!                 |
|           | 03:00 | 60°45.6     | 54°13.4    | 2575      | 2616      | 10.5   | 255  | 550        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 60°46.7     | 54°23.6    | 2822      | 2837      | 10.5   | 255  | 400        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 60°46.7     | 54°29.8    | 2654      | 2684      | 10.2   | 263  | 400        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 60°47.1     | 54°34.0    | 1977      | 2008      | 10.6   | 257  | 700        | "    | "     | "             | "         | "       | "    | "       | zu schwach Klang für FS                  |
|           | 04:00 | 60°47.8     | 54°40.3    | 2013      | 2174      | 10.9   | 253  | 600        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 48.5        | 45.6       | 2840      | 2751      | 10.9   | 255  | 700        | "    | "     | "             | "         | "       | "    | Ulrich? | "  |
|           | :30   | 49.0        | 51.0       | 2072      | 2132      | 11.1   | 262  | 400        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 49.6        | 51.7       | 1741      | 1901      | 10.5   | 259  | 300        | "    | "     | "             | "         | "       | "    | "       | Seiner!                                  |
|           | 05:00 | 50.0        | 55°02.0    | 1863      | 1881      | 11.2   | 261  | 700        | "    | "     | "             | "         | "       | "    | "       | Online Prof. off, bzw. 2/3 von Prof. ... |
|           | :15   | 51.6        | 13.5       | 1470      | 1944      | 11.1   | 254  | 200        | "    | "     | "             | "         | "       | "    | "       | ... Made 1                               |
|           | :30   | 52.3        | 10.5       | 939       | 975       | 11.1   | 254  | 1000       | "    | "     | "             | "         | "       | "    | "       | 05:50 also wieder ...                    |
|           | :45   | 52.3        | 25.3       | 262       | 263       | 11.3   | 254  | 1000       | "    | "     | "             | "         | "       | "    | "       | ... Reflektieren                         |
| 06:00     | 53.9  | 29.5        | 155        | 156       | 11.1      | 259    | 2300 | "          | "    | "     | "             | "         | "       | "    | "       | (Elephant 15. m. ...)                    |
|           | :15   | 54.5        | 34.8       | 124       | 121       | 11.2   | 258  | 2900       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 55.3        | 41.1       | 160       | 159       | 10.9   | 258  | 2300       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 56.3        | 48.7       | 327       | 327       | 10.9   | 258  | 2600       | "    | "     | "             | "         | "       | "    | "       | "  |
| 07:00     | 56.7  | 51.6        | 213        | 214       | 10.3      | 253    | 2100 | "          | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 57.3        | 55.6       | 396       | 392       | 4.3    | 249  | 600        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 58.8        | 56°01.1    | 895       | 906       | 11.2   | 206  | 400        | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 61°01.2     | 56°03.8    | 648       | 648       | 11.0   | 208  | 1400       | "    | "     | "             | "         | "       | "    | Ulrich  | "  |
| 08:00     | 03.7  | 06.6        | 835        | 840       | 11.0      | 211    | 600  | "          | "    | "     | "             | "         | "       | "    | "       | ET ~ 20m                                 |
|           | :15   | 06.0        | 09.5       | 400       | 400       | 11.4   | 210  | 3000       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 08.5        | 12.5       | 560       | 562       | 11.0   | 208  | 4000       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 10.8        | 15.2       | 513       | 513       | 11.1   | 209  | 1600       | "    | "     | "             | "         | "       | "    | "       | ET ~ 20m                                 |
| 09:00     | 13.3  | 18.0        | 501        | 502       | 11.2      | 208    | 2000 | "          | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :15   | 15.8        | 20.8       | 326       | 324       | 11.2   | 202  | 2400       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :30   | 17.9        | 23.9       | 481       | 481       | 11.1   | 213  | 4000       | "    | "     | "             | "         | "       | "    | "       | "  |
|           | :45   | 20.8        | 27.4       | 312       | 313       | 11.4   | 210  | 1000       | "    | "     | "             | "         | "       | "    | "       | "  |



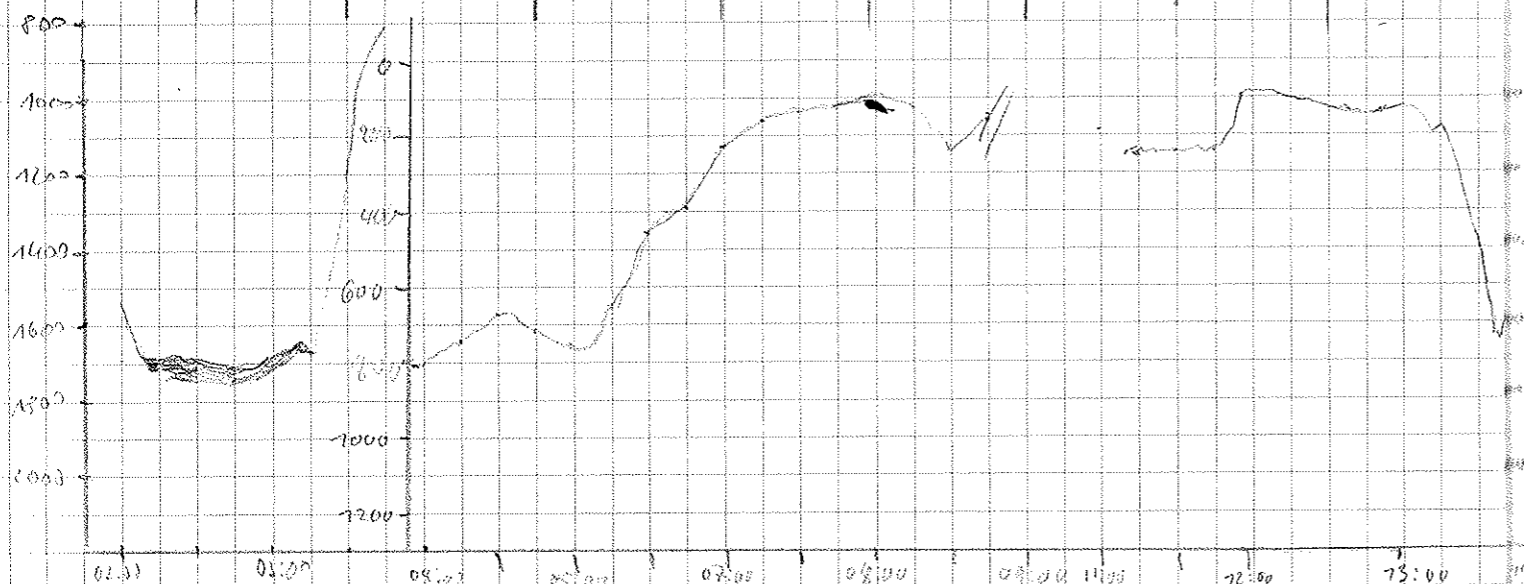
| Datum   | Zeit  | Breite<br>[°S] | Länge<br>[°W] | Tiefe<br>[m] | Tiefe<br>[m] | Geschw.<br>[km] | Wurf<br>[m] | max. Amplit.<br>[m] | Exp. | Pulse | Record<br>Length | Wait<br>Time | Tape<br>No. | DESO<br>Pole | Wache     | Bemerkungen  |
|---------|-------|----------------|---------------|--------------|--------------|-----------------|-------------|---------------------|------|-------|------------------|--------------|-------------|--------------|-----------|--|
| 8.12.97 | 10:15 | 61° 23,4       | 56° 30,6      | 318          | 320          | 10,9            | 210         | 1413                | 4    | 2     | 266              | 0            | 74          | M1           | Susanne   |  |
|         | 10:30 | 25,9           | 33,5          | 512          | 510          | 9,1             | 209         | 1900                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 10:45 | 28,7           | 36,7          | 479          | 479          | 11,8            | 209         | 2012                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 11:00 | 31,2           | 39,7          | 507          | 507          | 12              | 209         | 11281               | "    | "     | "                | "            | "           | "            | "         |  |
|         | 11:15 | 33,7           | 42,8          | 525          | 528          | 12,1            | 210         | 1364                | "    | "     | "                | "            | 75          | "            | "         | Tapewechsel  |
|         | 11:30 | 36,3           | 45,9          | 502          | 501          | 11,7            | 206         | 1237                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 11:45 | 38,9           | 48,6          | 525          | 526          | 11,6            | 206         | 1181                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 12:00 | 41,5           | 51,1          | 492          | 493          | 11,6            | 195         | 3500                | "    | "     | "                | "            | "           | "            | Joen      | ET a 15 min. untl. sog. 2nd reflector                  |
|         | :15   | 44,1           | 54,1          | 434          | 435          | 11,8            | 212         | 2500                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :30   | 46,8           | 57,4          | 429          | 429          | 12,2            | 213         | 3300                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   | 49,1           | 57° 00,7      | 389          | 390          | 11,9            | 210         | 1500                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 13:00 | 51,6           | 03,8          | 320          | 320          | 11,0            | 210         | 1500                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :15   | 54,3           | 06,4          | 305          | 306          | 10,7            | 209         |                     | "    | "     | "                | "            | "           | "            | "         |  |
|         | :30   | 56,9           | 08,7          | 253          | 253          | 11,6            | 203         | 2200                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   | 59,5           | 11,1          | 222          | 222          | 10,5            | 197         | 1400                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 14:00 | 62° 01,8       | 12,8          | 518          | 519          | 11,6            | 198         | 600                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :15   | 04,9           | 13,5          | 1466         | 1492         | 11,6            | 174         | 350                 | "    | "     | "                | "            | "           | "            | "         | TORGE untere rechtliche Arbeit des Schliffs.           |
|         | :30   | 07,8           | 12,9          | 1783         | 1790         | 11,9            | 170         | 1300                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   | 10,6           | 13,3          | 1436         | 1444         | 11,7            | 159         | 1000                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 15:00 | 13,4           | 13,2          | 1517         | 1530         | 11,9            | 193         | 500                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :15   | 16,2           | 12,0          | 1787         | 1897         | 11,5            | 207         | 400                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :30   | 17,0           | 22,0          | 1882         | 1889         | 11,3            | 220         | 800                 | "    | "     | "                | "            | "           | "            | "         | Anfahrt Profillager 62°17' - 57°28'                    |
|         | :45   | 17,1           | 27,4          | 1983         | 1991         | 7,6             | 260         | 3000                | "    | "     | "                | "            | "           | "            | "         | 15:48 Profillager Kurs: 355°                           |
|         | 16:00 | 16,0           | 28,2          | 1988         | 1998         | 6,0             | 356         | 2000                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :15   | 14,6           | 28,6          | 7988         | 7996         | 5,4             | 353         | 2200                | "    | "     | "                | "            | "           | "            | Viola     |  |
|         | :30   | 13,3           | 28,9          | 7976         | 7984         | 5,1             | 352         | 1800                | "    | "     | "                | "            | "           | "            | "         | Entf. Profil: 12° 73,0' / 57° 28,0'                    |
|         | :45   | 12,4           | 29,3          | 7970         | 7978         | 5,3             | 260         | 1400                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 17:00 | 14,1           | 31,9          | 7978         | 7980         | 10,1            | 209         | 300                 | "    | "     | "                | "            | "           | "            | "         | Basalthydrat, davon relativ hohe wichtige Sandmenge    |
|         | :15   | 16,3           | 34,7          | 7997         | 2008         | 9,3             | 213         | 2500                | "    | "     | "                | "            | "           | "            | "         | 17:25 Uhr Schiff stoppt, Papier gewechselt             |
|         | :30   | 16,3           | 36,0          | 7996         | 2006         | 7,0             | 40          | 3000                | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   |                |               |              |              |                 |             |                     |      |       | 120              |              | 12          |              |           | 17:41 Desowechsel, Station PS470<br>(211C, CTD) PS-CTD |
|         | 20:32 | 62° 16,7       | 57° 33,7      | 7997         | 2008         | 8,2             | 59,5        | 2970                | "    | "     | "                | 0            | "           | "            | Viola     | Schiff fährt wieder                                    |
|         | 20:45 | 15,7           | 30,3          | 1992         | 2002         | 10,5            | 56,6        | 3700                | "    | "     | "                | "            | "           | "            | Marina    |  |
|         | 21:00 | 14,0           | 26,3          | 1969         | 1978         | 10,6            | 46,1        | 1700                | "    | "     | "                | "            | "           | "            | "         |  |
|         | 21:18 | 12,0           | 24,3          | 1496         | 1549         | 10,6            | 54,2        | 440                 | "    | "     | "                | "            | "           | "            | "         | 21:15 System hat sich aufgehängt                       |
|         | :30   | 11,1           | 17,6          | 1385         | 1442         | 8,9             | 54,4        | 400                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   | 10,6           | 15,8          | 1285         | 1322         | 6,9             | 272,2       | 330                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | 22:00 | 11,3           | 16,7          | 1074         | 1089         | 0,7             | 81,2        | 600                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :15   | 11,28          | 16,65         | 1069         | 1086         | 0,9             | 216,9       | 550                 | "    | "     | "                | "            | "           | "            | Hilka Key | mit Reliant, Dat.: 47/55                               |
|         | :30   | 11,39          | 16,82         | 1049         | 1076         | 0,4             | 248,9       | 700                 | "    | "     | "                | "            | "           | "            | "         |  |
|         | :45   | 11,51          | 17,06         | 1042         | 1062         | 1,3             | 195,4       | 550                 | "    | "     | "                | "            | "           | "            | "         | 22:51 DESO POLICE AUS<br>22:57 online OFF              |



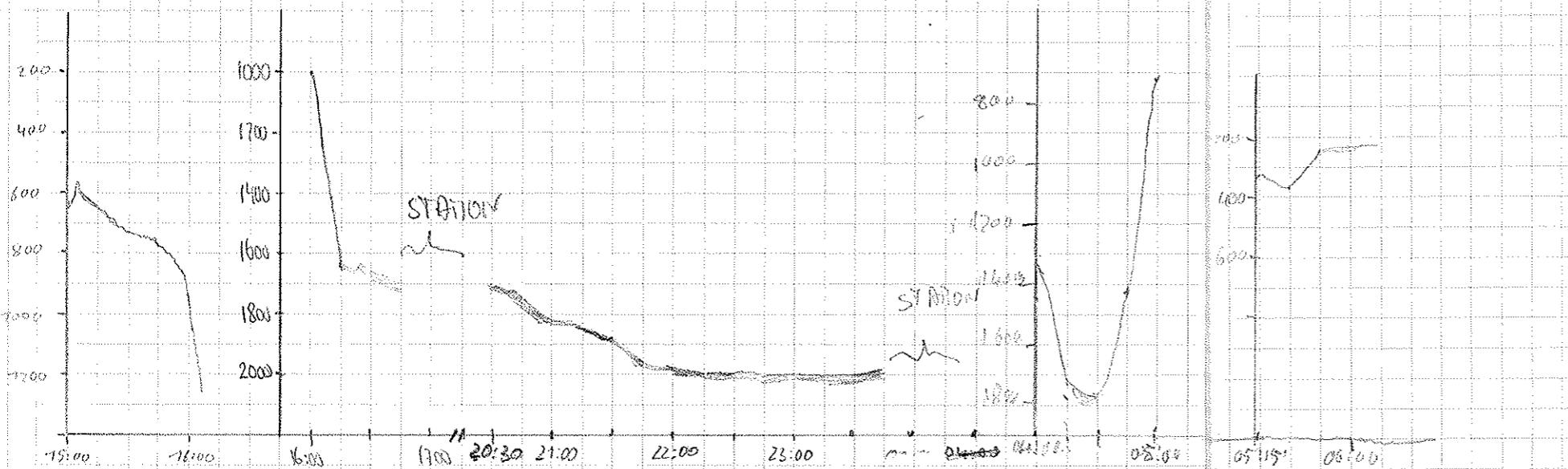
| DATUM    | ZEIT  | BREITE [°S] | LÄNGE [°W] | Tiefe PS | Tiefe H/S | Geschw. ERM? | Kurs [°] | MAX. AMPL. [mV] | RAY | PULSE | RECORD LENGTH | WAIT TIME | TAPE NO. | DESC. ROUE | WACHE | BEMERKUNGEN |   |
|----------|-------|-------------|------------|----------|-----------|--------------|----------|-----------------|-----|-------|---------------|-----------|----------|------------|-------|-------------|---|
| 8.12.97  | 23:00 |             |            |          |           |              |          |                 | 1   | 4     | 2             | 266       | 0        | 75         | 12    | Rückzug     |   |
|          | 23:15 | 62° 11.9    | 57° 47.7   | 1154     | 1179      | 0.7          | 223.2    | 530             |     | "     | "             | "         | "        | "          | "     | "           | all Toggle off (OFOS - Station)   |
| 09/12/97 | 14:11 | 62° 13.7    | 57° 28.7   | -        | 1989      | 5.9          | 210      | 2100            | 4   | 4     | 2             | 266       | 0        | 75         | 12    | Unbek       | Ende Station 1547...  |
|          | 15:20 | 15.00       | 28.3       | -        | 1996      | 0.9          | 261      | 1000            | 4   | 4     | 2             | 266       | 170      | 76         | 12    | "           | alles wieder an. < 2000m, dicker<br>Tiefe falsch, Probekern "Mantel 4",<br>bessere Aufklärung d. Kernprofil<br>Rund A.B. führen wie in der<br>weiter nach unten lang,<br>PS aus |
| 10/12/97 | 16:00 | 62° 14.9    | 57° 27.9   | 1992     | 1996      | 0.5          | 9.3      | 1300            | "   | "     | "             | "         | "        | "          | "     | "           | Tape 76 Revers, lösen<br>SP stabil, nur VET   |
| 10/12/97 | 0:30  | 62° 46.0    | 57° 29.0   | 2152     | 2205      | 2.6          | 122.8    | 650             | "   | "     | "             | "         | "        | "          | "     | "           | Li. 12: ACHTUNG!  |
| 10/12/97 | 00:50 | 62° 46.2    | 57° 29.0   | 1352     | 1395      | 0.6          | 123.8    | 50              | "   | "     | "             | "         | "        | "          | "     | "           |   |
| 10/12/97 | 14:08 | 62° 45.0    | 59° 24.7   | 1470     | 1477      | 11.0         | 40       | 500             | 4   | 4     | 2             | 266       | 0        | 76(77)     | 12    | Unbek       |   |
|          | 17    | 43.9        | 22.9       | 1485     | 1495      | 12.0         | 39       | 3500            | "   | "     | "             | "         | "        | "          | "     | "           | Tape 76 ist elektr. Tape 77.  |
|          | 130   | 41.5        | 19.4       | 1477     | 1485      | 17.8         | 38       | 4000            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 145   | 39.5        | 15.4       | 1475     | 1483      | 12.7         | 38       | 5000            | "   | "     | "             | "         | "        | "          | "     | "           | weil vergessen, nach 630m<br>in PS1 "zu ändern" !!  |
|          | 15:00 | 37.1        | 11.2       | 1494     | 1501      | 12.3         | 39       | 2500            | "   | "     | "             | "         | "        | "          | "     | "           | ist bei 78 nachgeholt   |
|          | 15    | 34.8        | 7.4        | 1544.3   | 1552      | 12.7         | 46       | 500             | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 30    | 32.6        | 3.7        | 1568     | 1573      | 12.0         | 42       | 3000            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 45    | 30.3        | 58° 59.5   | 1545     | 1552      | 17.7         | 38       | 1500            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 76:00 | 28.8        | 55.2       | 1378     | 1392      | 12.5         | 40       | 350             | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 15    | 25.7        | 50.4       | 1405     | 1416      | 12.8         | 46       | 550             | "   | "     | "             | "         | "        | "          | "     | "           | Axel  |
|          | 30    | 23.2        | 46.2       | 920      | 931       | 12.2         | 38       | 550             | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 45    | 20.8        | 42.4       | 600      | 597       | 12.0         | 33       | 550             | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 17:00 | 18.3        | 43.8       | 468      | 468       | 11.4         | 327      | 1400            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 15    | 15.9        | 47.0       | 504      | 506       | 8.7          | 330      | 3800            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 30    | 14.4        | 48.9       | 454      | 456       | 6.5          | 328      | 3500            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 45    | 13.2        | 50.6       | 278      | 279       | 2.8          | 328      | 700             | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 18:00 | 12.9        | 51.0       | 243      | 244       | 0.1          | 15       | 2500            | 4   | 4     | 2             | 266       | 60       | 76         | 12    | Unbek       | Stop wg. Kommandotransport  |
|          | 21:18 | 15.0        | 47.8       | 465      | 464       | 11.3         | 140      | 1200            | 4   | 4     | 2             | 266       | 0        | "          | "     | "           | welt. Label → Zubeh.  |
|          |       | 15.5        | 45.6       | 1444     | -         | 5.4          | 87       | 800             |     |       |               |           |          |            |       |             | Doch nicht  |
| 11/12/97 | 00:38 | 62° 15.5    | 58° 12.9   | 200      | 199       | 6.5          | 191      | 1000            | "   | "     | "             | "         | "        | "          | "     | "           | Parasol unter Punkt   |
|          | 40    | 62° 16.3    | 58° 12.6   | 358      | 360       | 1.9          | 166      | 2000            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 01:00 | 62° 16.6    | 58° 11.6   | 514      | 515       | 10.2         | 169.7    | 1700            | "   | "     | "             | "         | "        | "          | "     | "           | ET 200  |
|          | 15    | 62° 16.6    | 58° 10.8   | 655      | 655       | 7.9          | 162      | 1500            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 50    | 62° 23.5    | 58° 36.8   | 1327     | 1332      | 10.2         | 153      | 500             | "   | "     | "             | "         | "        | "          | "     | "           | ungel. d. W. Weg  |
|          | 45    | 62° 25.7    | 58° 34.7   | 1430     | 1428      | 9.9          | 158      | 1400            | "   | "     | "             | "         | "        | "          | "     | "           |   |
|          | 02:00 | 62° 28.2    | 58° 32.2   | 1430     | 1480      | 10.0         | 154      | 450             | "   | "     | "             | "         | "        | "          | "     | "           |   |



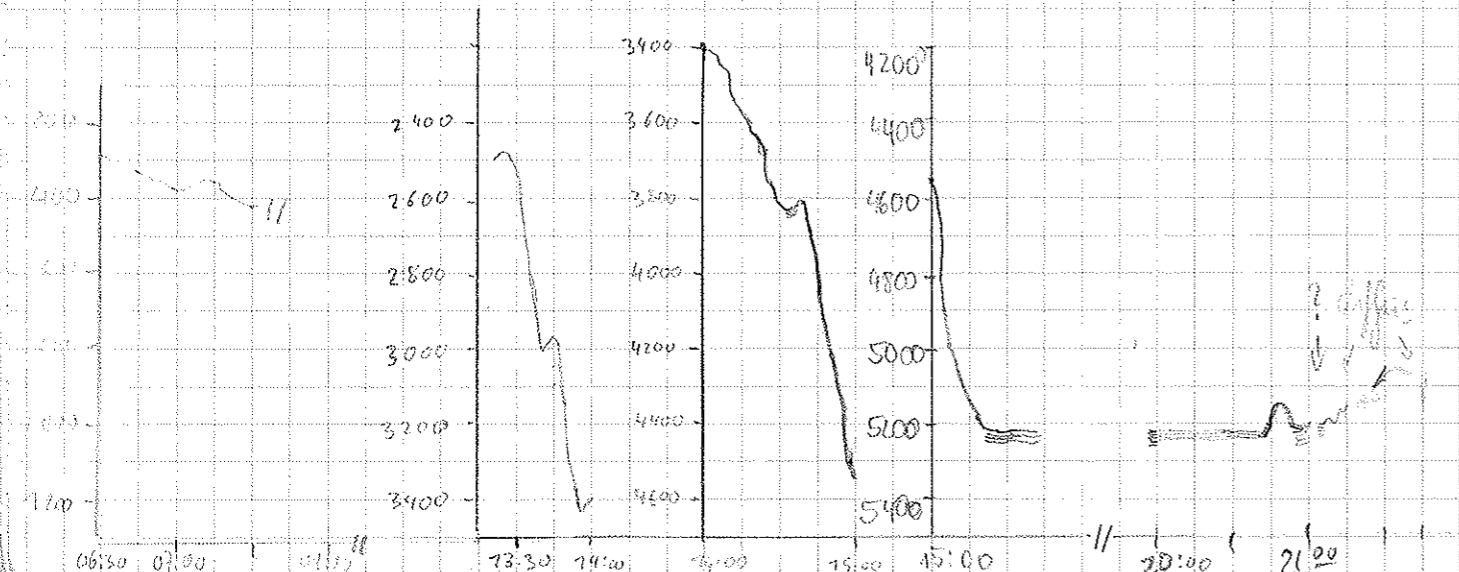
| DATE     | TIME  | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | GESCHW. (km) | KURS [°] | WIND, DIR (km/h) | RECORDED | RECORD LENGTH | WAIT TIME | TAPE NR | DESD ROLLE | WACHE   | BEMERKUNGEN                    |
|----------|-------|-------------|------------|----------|----------|--------------|----------|------------------|----------|---------------|-----------|---------|------------|---------|--------------------------------|
| 12/12/97 | 02:15 | 62°30.5     | 58°30.4    | 1689     | 1692     | 10.3         | 156      | 1600             | "        | 266           | 0         | 76      | 12         | Porthan |                                |
|          | :30   | 62°32.7     | 58°28.1    | 1692     | 1701     | 10.0         | 154      | 4300             | "        | "             | "         | "       | "          | "       | ET ~ 30-40m                    |
|          | :45   | 62°34.8     | 58°25.8    | 1700     | 1711     | 10.1         | 153      | 3000             | "        | "             | "         | "       | "          | "       |                                |
|          | 03:00 | 62°37.22    | 58°23.7    | 1687     | 1630     | 10.2         | 151      | 1900             | "        | "             | "         | "       | "          | "       |                                |
|          | :15   | 62°35.4     | 58°20.2    | 1643     | 1650     | 10.1         | 152      | 3400             | "        | "             | "         | "       | "          | "       |                                |
|          | :30   | 62°41.4     | 58°18.7    | 1256     | 1270     | 10.1         | 156      | 300              | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 62°43.9     | 58°14.2    | 802      | 804      | 10.2         | 155      | 1700             | "        | "             | "         | "       | "          | "       |                                |
|          | 04:00 | 46.1        | 14.0       | 767      | 751      | 12.3         | 156      | 1200             | "        | "             | "         | "       | "          | Wieder  |                                |
|          | :15   | 48.4        | 11.8       | 683      | 684      | 12.1         | 157      | 3400             | "        | "             | 11        | 77      | "          | "       | 06:02 Tape 76 to 77            |
|          | :30   | 50.6        | 08.9       | 578      | 582      | 10.1         | 149      | 1400             | "        | "             | "         | "       | "          | "       | ET < 10m                       |
|          | :45   | 53.2        | 06.5       | 704      | 707      | 9.9          | 157      | 1300             | "        | "             | "         | "       | "          | "       |                                |
|          | 05:00 | 55.3        | 4.8        | 755      | 760      | 9.9          | 157      |                  | "        | "             | "         | "       | "          | "       |                                |
|          | :15   | 57.6        | 02.1       | 630      | 644      | 9.9          | 157      | 500              | "        | "             | "         | "       | "          | "       | (Wenden auf Fleck)             |
|          | :30   | 62°59.2     | 58°00.3    | 471      | 473      | 6.8          | 158      | 900              | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 63°00.0     | 00.4       | 431      | 431      | .6           | 77       | 1000             | "        | "             | 60        | "       | "          | "       | Dasz rel. off. Waktline GC     |
|          | 06:25 | 00.2        | 00.4       | 393      | 394      | 9.2          | 214      | 800              | "        | "             | 0         | "       | "          | "       | weitere Beob. O Higgins        |
|          | :30   | 01.0        | 01.6       | 227      | 231      | 10.6         | 215      |                  | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 02.5        | 01.0       | 191      | 193      | 10.2         | 216      | 1000             | "        | "             | "         | "       | "          | "       |                                |
|          | 07:00 | 05.1        | 07.4       | 141      | 142      | 8.8          | 217      | 2000             | "        | "             | "         | "       | "          | "       |                                |
|          | :15   | 06.0        | 03.1       | 133      | 133      | 7.4          | 116      | 1300             | "        | "             | "         | "       | "          | "       |                                |
|          | :30   | 07.3        | 00.2       | 124      | 120      | 8.0          | 120      | 2100             | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 09.4        | 57°57.9    | (104)    | 107      | 8.7          | 125      | 1400             | "        | "             | "         | "       | "          | "       | PS-Depth kurz                  |
|          | 08:00 | 11.6        | 59.9       | 90       | 88       | 8.7          | 180      | 2000             | "        | "             | "         | "       | "          | "       | PS aufhört, Ankerbank 08:08    |
|          | :15   | 13.7        | 59.9       | 111      | 109      | 8.2          | 179      | 4000             | "        | "             | "         | "       | "          | "       | FAU PARADISE east incl. atlas  |
|          | :30   | 15.5        | 59.6       | 243      | 244      | 7.3          | 175      | 3000             | "        | "             | "         | 78      | "          | "       | IC aus, n. n. n. 08:25 Tape 78 |
|          | :45   | 16.6        | 59.3       | 175      | 176      | 4.7          | 173      | 1400             | "        | "             | 60        | "       | "          | "       | Stop at O Higgins wg. Flügen   |
|          | 09:22 | 18.9        | 57.2       | 248      | 271      | 1.1          | 282      | 1500             | "        | "             | 0         | "       | "          | "       |                                |
|          | :30   | 12.5        | 57.6       | 230      | 235      | 3.6          | 315      | 1300             | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 15.3        | 58°00.6    | 245      | 252      | 7.2          | 358      | 2600             | "        | "             | "         | "       | "          | "       |                                |
|          | 10:00 | 18.7        | 00.3       | 88       | 85       | 9.2          | 8        | 1000             | "        | "             | "         | "       | "          | "       |                                |
|          | :15   | 11.2        | 00.1       | 700      | 700      | 9.4          | 9.5      | 3000             | "        | "             | "         | "       | "          | Vick    |                                |
|          | :30   | 8.9         | 00.8       | 720      | 722      | 5.3          | 350      | 5000             | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 6.7         | 2.8        | 748      | 748      | 9.1          | 320      | 2500             | "        | "             | "         | "       | "          | "       |                                |
|          | 11:00 | 3.7         | 6.2        | 730      | 730      | 9.1          | 32       | 4500             | "        | "             | "         | "       | "          | "       |                                |
|          | :15   | 7.7         | 2.9        | 787      | 786      | 10.3         | 36       | 2500             | "        | "             | "         | "       | "          | "       |                                |
|          | :30   | 0.3         | 0.6        | 488      | 489      | 9.8          | 40       | 2500             | "        | "             | "         | "       | "          | "       | 13:38 Schiff steht             |
|          | :45   |             |            |          |          |              |          |                  | "        | "             | 60        | "       | "          | "       | 13:43 Tape wechselt            |
|          | 14:00 | 62°52.1     | 59°59.3    | 859      | 820      | 7.6          | 320      | 600              | "        | "             | 0         | 79      | "          | Gruber  |                                |
|          | :15   | 57.2        | 58°00.7    | 807      | 809      | 10.0         | 337      | 7000             | "        | "             | "         | "       | "          | Vick    |                                |
|          | :30   | 55.4        | 2.6        | 730      | 731      | 9.5          | 330      | 3000             | "        | "             | "         | "       | "          | "       |                                |
|          | :45   | 53.3        | 5.2        | 734      | 737      | 10.2         | 330      | 4000             | "        | "             | "         | "       | "          | "       |                                |



| DATE     | ZEIT [UTC] | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | GESCHW. [km] | KURS [°] | MAX Amplitude [mV] | RECORD LENGTH | WAIT TIME | TAPE NR | DESO ROLLE | WACHE  | BEMERKUNG  |
|----------|------------|-------------|------------|----------|----------|--------------|----------|--------------------|---------------|-----------|---------|------------|--------|--|
| 11/12/97 | 15:00      | 62° 57.3    | 58° 07.7   | 644      | 646      | 9.6          | 331      | 5500               | 266           | 0         | 79      | 72         | Viola  |  |
|          | 15:15      | 49.1        | 10.4       | 642      | 643      | 9.3          | 329      | 3500               | "             | "         | "       | "          | "      | ~ 15:20 Geschwindigkeit wird mit 2-17 m/min angegeben (oben im Plot ab?) |
|          | 15:30      | 46.7        | 13.8       | 729      | 731      | 77.8         | 332      | 2500               | "             | "         | "       | "          | "      | depth range auf 0:000m eingestellt                                       |
|          | 15:45      | 44.7        | 15.2       | 788      | 789      | 12.3         | 342      | 3300               | "             | "         | "       | "          | Scen   |  |
|          | 16:00      | 42.5        | 17.2       | 929      | 934      | 9.9          | 336      | 500                | "             | "         | "       | "          | "      | ab 16:18 ET ~ 25m langsamsteigend  |
|          | 16:15      | 40.2        | 19.5       | 1605     | 1620     | 9.9          | 336      | 500                | "             | "         | "       | "          | "      | ET ~ 40m   |
|          | 16:30      | 38.1        | 22.0       | 1658     | 1665     | 10.0         | 332      | 2500               | "             | "         | "       | "          | "      | 16:35 STATION (SCHWERTSCUT)  |
|          | 16:45      | 36.0        | 24.5       | 1696     | 1704     | 9.7          | 331      | 2300               | "             | "         | "       | "          | "      | DESO OFF WAIT 60   |
|          | 17:00      |             |            |          |          |              |          |                    |               |           |         |            |        |  |
|          | 17:15      |             |            |          |          |              |          |                    |               | 60        |         |            | Pordun |  |
|          | 18:32      | 35.0        | 25.6       | 1702     | 1710     | 0.7          | 264      | 1600               |               |           |         |            |        | PS 4706P   |
|          | 20:25      | 62° 35.1    | 58° 24.5   | 1700     | 1711     | 9.3          | 55.2     | 2280               |               | 0         |         |            |        | STATION ENDE   |
|          | 20:30      | 62° 34.8    | 58° 23.2   | 1702     | 1716     | 9.1          | 52.6     | 2100               |               |           |         |            |        |  |
|          | 20:45      | 62° 33.4    | 58° 19.9   | 1752     | 1763     | 9.7          | 50.8     | 2200               |               |           |         |            |        |  |
|          | 21:00      | 62° 31.9    | 58° 16.1   | 1800     | 1811     | 9.9          | 49.7     | 1600               |               |           |         |            |        |  |
|          | 21:15      | 62° 30.2    | 58° 11.8   | 1837     | 1846     | 9.9          | 49.2     | 3000               |               |           |         |            |        |  |
|          | 21:30      | 62° 28.6    | 58° 07.7   | 1876     | 1883     | 10.0         | 48.8     | 1300               |               |           |         |            |        |  |
|          | 21:45      | 62° 27.0    | 58° 05.5   | 1917     | 1925     | 9.8          | 51.6     | 5700               |               |           |         |            |        |  |
|          | 22:00      | 62° 25.66   | 57° 59.5   | 1978     | 1989     | 9.7          | 54.7     | 2500               |               |           |         |            |        |  |
|          | 22:15      | 62° 24.1    | 57° 54.9   | 1989     | 1995     | 9.8          | 56.0     | 2600               |               |           |         |            |        | ET ~ 30m   |
|          | 22:30      | 62° 22.8    | 57° 50.5   | 1991     | 2004     | 9.8          | 56.7     | 3200               |               |           |         |            |        |  |
|          | 22:45      | 62° 21.3    | 57° 46.1   | 1998     | 2008     | 10.1         | 55.7     | 1800               |               |           |         |            |        |  |
|          | 23:00      | 62° 19.9    | 57° 41.7   | 1998     | 2008     | 10.1         | 56.1     | 3000               |               |           |         |            |        |  |
|          | 23:15      | 62° 18.6    | 57° 37.2   | 2000     | 2010     | 9.9          | 56.1     | 3800               |               |           |         |            |        |  |
|          | 23:30      | 62° 17.1    | 57° 32.9   | 1997     | 2010     | 9.9          | 52.5     | 3500               |               |           |         |            |        |  |
|          | 23:45      | 62° 15.0    | 57° 28.7   | 1991     | 2001     | 10.0         | 47.1     | 1200               |               |           |         |            |        |  |
| 12/12/97 | 00:00      |             |            |          |          |              |          |                    |               |           |         |            |        | Rechner abstart NEUSMART   |
|          | 00:30      | 60° 12.2    | 57° 17.4   | 1424     | 1409     |              |          |                    |               | 60        | 80      |            |        | STATION , DESO OFF PS 4706S  |
|          | 00:45      | 62° 11.1    | 57° 18.0   | 1234     | 1275     |              |          |                    |               |           |         |            |        |  |
|          | 01:15      | 62° 11.9    | 57° 18.2   | 1227     | 1247     |              |          |                    |               |           |         |            |        |  |
|          | 02:50      | 60° 11.8    | 57° 17.9   | 1206     | 1229     | 6.9          | 10.0     | 430                |               |           |         |            |        | PS wieder ONLINE   |
|          | 04:00      | 60° 10.5    | 57° 16.1   | 1385     | 1338     | 10.1         | 36.1     | 400                |               |           |         |            |        |  |
|          | 04:15      | 62° 08.8    | 57° 13.6   | 1752     | 1753     | 10.0         | 51.9     | 1800               |               |           |         |            |        | FEIERMORGEN  |
|          | 04:30      | 06.5        | 10.8       | 1781     | 1746     | 9.9          | 59.0     | 3300               |               |           |         |            |        | ET < 10m   |
|          | 04:45      | 04.4        | 08.3       | 1413     | 1430     | 9.8          | 28.4     | 300                |               |           |         |            |        |  |
|          | 05:00      | 02.2        | 05.7       | 705      | 707      | 9.4          | 33.1     | 650                |               |           |         |            |        |  |
|          | 05:15      | 61° 05.7    | 57° 06.0   | 378      | 319      | 8.7          | 32.5     | 1600               |               |           |         |            |        |  |
|          | 05:30      | 56.2        | 08.2       | 262      | 261      | 8.4          | 30.7     | 1200               |               |           |         |            |        |  |
|          | 06:00      | 54.5        | 10.7       | 252      | 251      | 8.2          | 32.7     | 1300               |               |           |         |            |        |  |
|          | 06:15      | 52.7        | 13.1       | 233      | 232      | 8.0          | 30.6     | 9000               |               |           |         |            |        |  |

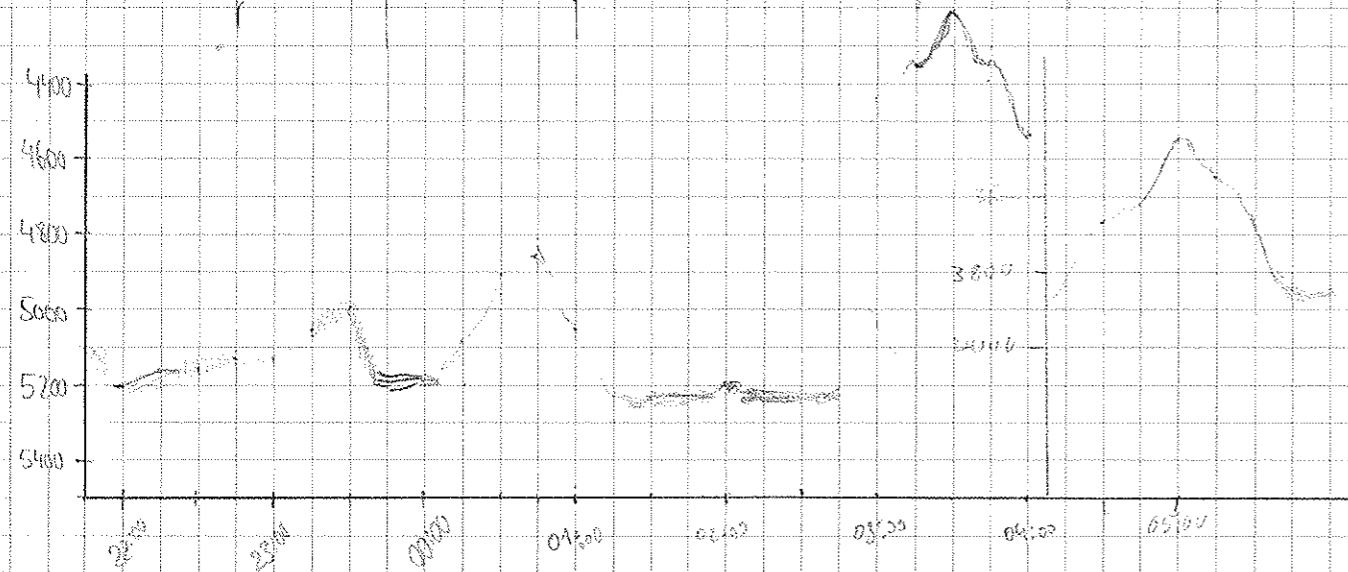


| DATUM    | ZEIT<br>[UTC] | BREITE<br>[°S] | LÄNGE<br>[°W] | TIEFE<br>PS | TIEFE<br>MS | GESCHW<br>[cm/s] | KURS<br>[°] | MAX AMPLI<br>[cmV] | PULSE | RECORD<br>LENGTH | WAIT<br>TIME | TAPE<br>NR | DESO<br>ROLLE | NACHE   | BEMERKUNG                        |
|----------|---------------|----------------|---------------|-------------|-------------|------------------|-------------|--------------------|-------|------------------|--------------|------------|---------------|---------|----------------------------------|
| 12/12/97 | 06:30         | 61° 50,4       | 57° 16,3      | 291         | 291         | 8,8              | 328         | 1700               | 4     | 266              | 0            | 80         | 12            | Hubert  |                                  |
|          | 07:04         | 48,8           | 18,6          | 328         | 326         | 9,3              | 328         | 2000               | "     | "                | "            | "          | "             | "       |                                  |
|          | 07:15         | 46,2           | 21,9          | 383         | 382         | 9,9              | 328         | 7000               | "     | "                | "            | "          | "             | "       |                                  |
|          | 07:30         | 44,7           | 24,0          | 374         | 374         | 9,6              | 323         | 3000               | "     | "                | "            | "          | "             | "       |                                  |
|          | 07:48         | 42,7           | 26,9          | 406         | 405         | 9,6              | 327         | 3500               | "     | "                | "            | 81         | "             | "       | OOPS PARADISE-ALB/100!           |
|          | 08:06         | 40,4           | 30,0          | 416         | 418         | 9,7              | 327         | 5000               | "     | "                | "            | 81         | "             | "       |                                  |
|          | 08:15         | 37,9           | 33,3          | 429         | 429         | 9,4              | 328         | 15000              | "     | "                | "            | "          | "             | "       |                                  |
|          | 08:32         | 36,6           | 35,1          | 424         | 422         | 10,5             | 326         | 10000              | "     | "                | "            | "          | "             | "       |                                  |
|          | 08:45         | 34,1           | 37,3          | 429         | 429         | 10,9             | 329         | 11000              | "     | "                | "            | "          | "             | "       |                                  |
|          | 08:55         | 32,1           | 40,9          | 441         | 441         | 10,7             | 329         | 9000               | "     | "                | "            | "          | "             | "       |                                  |
|          | 09:00         | 29,7           | 43,7          | 453         | 452         | 9,7              | 326         | 13000              | "     | "                | "            | "          | "             | "       |                                  |
|          | 09:15         | 27,8           | 47,0          | 479         | 477         | 9,4              | 326         | 17000              | "     | "                | "            | "          | "             | "       |                                  |
|          | 09:30         | 25,7           | 49,8          | 488         | 488         | 8,5              | 326         | 20000              | "     | "                | "            | "          | "             | "       | ab in ... Grabstein              |
|          | 09:45         | 23,7           | 50,5          | 7638        | 7654        | 9,2              | 352         | 500                | "     | "                | "            | "          | "             | Vida    |                                  |
|          | 10:00         | 21,3           | 51,9          | 7807        | 7809        | 8,5              | 340         | 250                | "     | "                | "            | "          | "             | "       |                                  |
|          | 10:15         | 19,1           | 53,5          | 7930        | 7937        | 9,5              | 348         | 750                | "     | "                | "            | "          | "             | "       |                                  |
|          | 10:30         | 17,7           | 55,9          | 2478        | 2432        | 9,2              | 345         | 750                | "     | "                | "            | "          | "             | "       |                                  |
|          | 11:00         | 13,3           | 56,7          | 2582        | 4600        | 7,1              | 288         | 750                | "     | "                | 60           | "          | "             | "       | Station PS 47069 Resin           |
|          | 13:22         | 67° 14,2       | 57° 58,1      | 2499        | 2507        | 8,7              | 260         | 2000               | "     | "                | 0            | "          | "             | "       | PS wieder online                 |
|          | 13:30         | 14,1           | 58° 00,7      | 2525        | 2529        | 7,8              | 337         | 400                | "     | "                | "            | "          | "             | "       |                                  |
|          | 13:45         | 12,2           | 02,5          | 2566        | 2579        | 8,8              | 325         | 600                | "     | "                | "            | "          | "             | "       |                                  |
|          | 14:00         | 10,4           | 05,0          | 3388        | 3421        | 8,8              | 326         | 600                | "     | "                | "            | "          | "             | Axel    |                                  |
|          | 14:15         | 08,6           | 07,5          | 3578        | 3586        | 8,9              | 325         | 1200               | "     | "                | "            | "          | "             | "       |                                  |
|          | 14:30         | 06,7           | 09,9          | 3812        | 3830        | 8,7              | 328         | 1000               | "     | "                | "            | "          | "             | "       |                                  |
|          | 14:45         | 04,7           | 12,5          | 4068        | 4101        | 8,6              | 326         | 500                | "     | "                | "            | "          | "             | "       |                                  |
|          | 15:00         | 03,2           | 14,7          | 4544        | 4572        | 8,7              | 327         | 700                | "     | "                | "            | "          | "             | "       | große Probleme bei Datentracking |
|          | 15:15         | 01,1           | 16,9          | —           | 4949        | 9,1              | 329         | 3000               | "     | "                | "            | "          | "             | "       | Gialenreich PS hängt, Neustart   |
|          | 15:30         | 60° 59,4       | 19,4          | 5223        | 5242        | 8,5              | 330         | 1700               | "     | "                | "            | "          | "             | "       | ET 75m                           |
|          | 15:45         | 61° 00,1       | 19,1          | 5225        | 5243        | 0,5              | 349         | 2000               | "     | "                | "            | "          | "             | "       | Station PS 47071                 |
|          | 16:00         |                |               |             |             |                  |             |                    | "     | "                | 60           | "          | "             | "       |                                  |
|          | 19:53         | 67° 00,0       | 58° 19,7      | 5226        | 5245        | 10,9             | 347         | 2000               | "     | "                | 0            | "          | "             | Vida    | PS wieder online                 |
|          | 20:15         | 58,9           | 23,49         | 5219        | 5237        | 11,3             | 227         | 2000               | "     | "                | "            | "          | "             | Fukerky |                                  |
|          | 20:30         | 59,10          | 26,90         | 5218        | 5237        | 10,6             | 332         | 1800               | "     | "                | "            | 82         | "             | "       | 20:40 Tapewechsel 81 → 82        |
|          | 20:45         | 56,83          | 29,19         | 5152        | 5184        | 9,5              | 306         | 350                | "     | "                | "            | "          | "             | "       |                                  |
|          | 21:00         | 57,6           | 31,1          | 5210        | 5229        | 10,9             | 255         | 300                | "     | "                | "            | "          | "             | Sven    | ET 30 PS 10m, wechselt           |
|          | 21:15         | 58,4           | 39,3          | 5155        | 5179        | 11,1             | 249         | 300                | "     | "                | "            | "          | "             | "       | sehr diffuses Bild               |
|          | 21:30         | 59,3           | 44,6          | 5043        | 5068        | 11,0             | 249         | 400                | "     | "                | "            | "          | "             | "       |                                  |

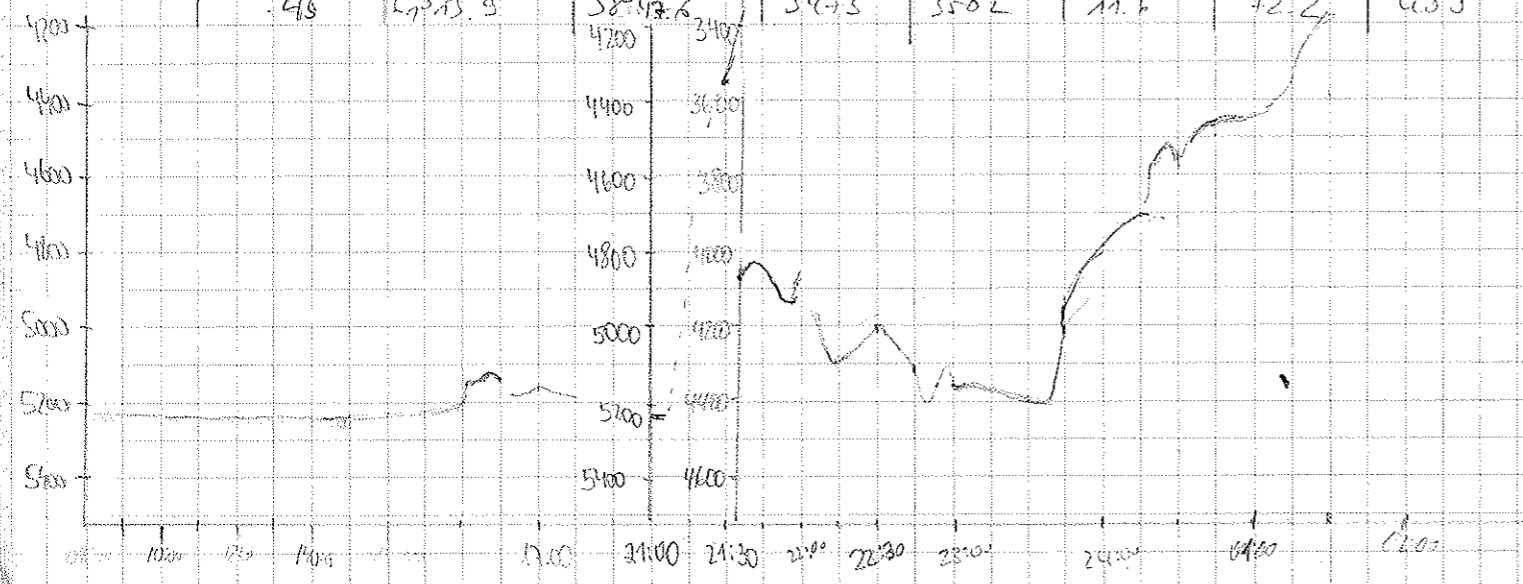




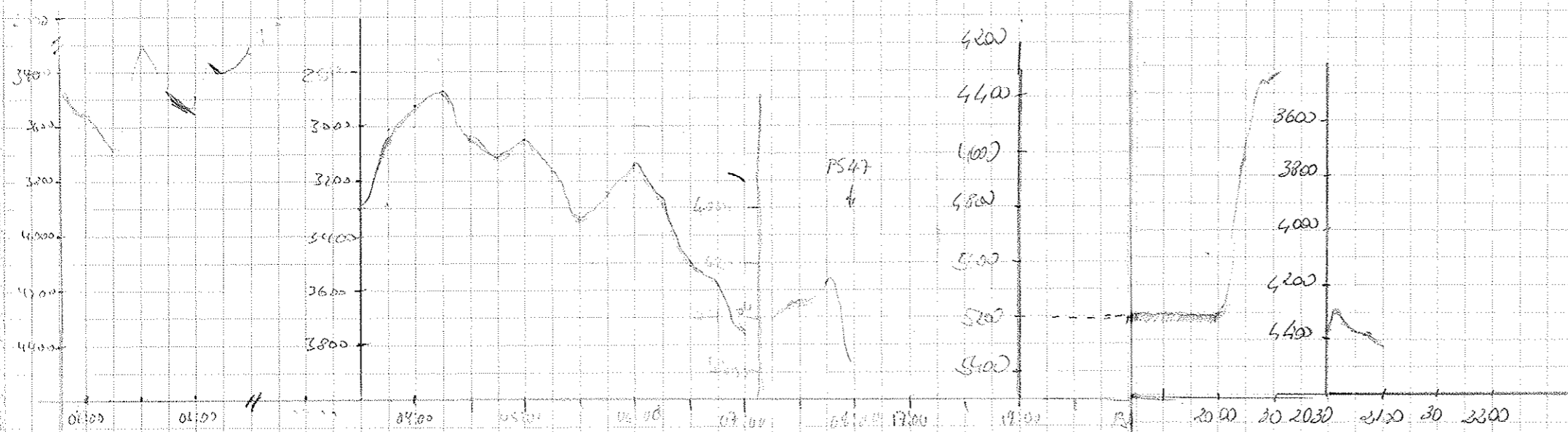
| DATUM    | ZEIT UTC | BREITTE (°S) | LÄNGE (°W) | TIEFE FS | TIEFE HS | GESCHW | KURS  | MAX. AIR | TRAQ | PULSE | REC. LENGTH | WAIT TIME | TAPE NR | DESO ROLLE | WACHE   | BEMERKUNGEN   |
|----------|----------|--------------|------------|----------|----------|--------|-------|----------|------|-------|-------------|-----------|---------|------------|---------|---|
| 12/12/97 | 21:45    | 61°00.2      | 58°50.1    | 5109     | 5142     | 10.6   | 250   | 300      | 4    | 2     | 266         | 0         | 82      | 12         | Steu    | Sehr diffuses Bild<br>Alles ist blass<br>viele einzelne Reflexionen bis 22:20, etw.<br>weniger diff. Zusp. Fw. W.<br>Alles diffus, sonst Hintergrund<br>Signal ist ebenfalls, 22:20 Ventile gel.<br>Transit zum Richtnach, fests sind verlor<br>8:00 wach viele einzelne Reflexionen<br>24:00 neue Tinkelgang |
|          | 22:00    | 01.1         | 55.3       | 5204     | 5223     | 11.1   | 253   | 850      |      |       |             |           |         |            | TORGE   |   |
|          | 15       | 01.9         | 59°00.6    | 5160     | 5185     | 10.5   | 252   | 400      |      |       |             |           |         |            |         |   |
|          | 30       | 02.9         | 06.5       | 5160     | 5183     | 11.1   | 250   | 600      |      |       |             |           |         |            |         |   |
|          | 45       | 03.2         | 11.9       | 5094     | 5118     | 10.9   | 252   | 375      |      |       |             |           |         |            |         |   |
|          | 23:00    | 04.6         | 16.9       | 5123     | 5151     | 9.9    | 253   | 250      |      |       |             |           |         |            |         |   |
|          | 15       | 05.4         | 22.2       | 5052     | 5084     | 10.8   | 252   | 200      |      |       |             |           |         |            |         |   |
|          | 30       | 06.3         | 27.2       | 4962     | 4985     | 11.5   | 242   | 275      |      |       |             |           |         |            |         |   |
|          | 45       | 08.9         | 26.6       | 5179     | 5199     | 11.8   | 166   | 1800     |      |       |             |           |         |            |         |   |
|          | 13/12/97 | 24:00        | 11.4       | 24.8     | 5187     | 5182   | 9.6   | 74       | 900  |       |             |           |         |            |         |   |
|          | 15       | 61°10.5      | 58°10.2    | 5089     | 5097     | 11.1   | 77.5  | 160      |      |       |             |           |         |            | Portman |   |
|          | 30       | 61°09.7      | 58°14.3    | 4973     | 4989     | 11.2   | 77.1  | 250      |      |       |             |           |         |            |         |   |
|          | 45       | 61°08.8      | 58°08.8    | 4850     | 4875     | 11.0   | 71.5  | 250      |      |       |             |           |         |            |         |   |
|          | 01:00    | 61°07.9      | 58°03.2    | 5057     | 5092     | 11.1   | 70.5  | 200      |      |       |             |           |         |            |         |   |
|          | 15       | 61°07.1      | 58°57.7    | 5209     | 5225     | 11.2   | 69.8  | 580      |      |       |             |           |         |            |         |   |
|          | 30       | 61°06.2      | 58°52.4    | 5153     | 5179     | 11.8   | 70.4  | 350      |      |       |             |           |         | 13         |         |   |
|          | 45       | 61°05.3      | 58°46.8    | 5219     | 5237     | 11.5   | 77.0  | 1800     |      |       |             |           |         |            |         |   |
|          | 02:00    | 61°04.4      | 58°41.3    | 5208     | 5228     | 10.5   | 70.2  | 350      |      |       |             |           |         |            |         |   |
|          | 15       | 61°03.5      | 58°36.1    | 5212     | 5230     | 11.6   | 74.1  | 1150     |      |       |             |           |         |            |         |   |
|          | 30       | 61°02.5      | 58°30.1    | 5277     | 5277     | 10.5   | 72.9  | 900      |      |       |             |           |         |            |         |   |
|          | 45       | 61°01.1      | 58°24.3    | 5274     | 5232     | 10.1   | 150   | 900      |      |       |             |           |         |            |         |   |
|          | 03:00    | 61°04.4      | 58°22.6    | 4440     | 4599     | 11.0   | 160   | 270      |      |       |             |           | 83      |            |         |   |
|          | 15       | 61°06.3      | 58°25.3    | 4323     | 4316     | 9.6    | 250.6 | 331      |      |       |             |           |         |            |         |   |
|          | 30       | 61°07.1      | 58°30.4    | 4150     | 4200     | 10.3   | 250   | 400      |      |       |             |           |         |            |         |   |
|          | 45       | 61°07.5      | 58°35.5    | 4340     | 4379     | 10.3   | 249.4 | 900      |      |       |             |           |         |            |         |   |
|          | 04:00    | 08.8         | 40.2       | 4164     | 4205     | 10.7   | 250   | 200      |      |       |             |           |         |            |         |   |
|          | 15       | 10.5         | 41.9       | 3854     | 3936     | 11.7   | 160   | 200      |      |       |             |           |         |            |         |   |
|          | 30       | 12.0         | 36.2       | 3626     | 3697     | 11.7   | 71    | 600      |      |       |             |           |         |            |         |   |
|          | 45       | 11.5         | 33.5       | 3629     | 3642     | 11.8   | 72    | 600      |      |       |             |           |         |            |         |   |
|          | 05:00    | 10.6         | 27.9       | 3459     | 3489     | 11.7   | 73    | 200      |      |       |             |           |         |            |         |   |
|          | 15       | 9.7          | 22.3       | 3542     | 3556     | 11.8   | 72    | 500      |      |       |             |           |         |            |         |   |
|          | 30       | 8.1          | 16.8       | 3676     | 3731     | 10.7   | 54    | 300      |      |       |             |           |         |            |         |   |
|          | 45       | 6.5          | 13.6       | 3587     | 3585     | 10.4   | 50    | 300      |      |       |             |           |         |            |         |   |
|          | 06:00    | 05.1         | 08.0       | 3886     | 3714     | 10.6   | 51    | 200      |      |       |             |           |         |            |         |   |
|          | 15       | 03.4         | 03.5       | 3816     | 3840     | 0.5    | 242   | 200      |      |       |             | 300       |         |            |         |   |
|          | 30       |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 45       |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 07:00    |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 15       |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 30       |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 45       |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |
|          | 08:00    |              |            |          |          |        |       |          |      |       |             |           |         |            |         |   |



| Datum    | Zeit UTC | Breite [°S] | Longitude [°W] | Tiefe PS | Tiefe H/S | Geraden [km] | Wass [°] | Max. Ampl. [cm] | Wind PS | Wind Pulst | Wind Länge | Wind Time | Tape No | Deso Rolle | Wasser | Remarks                     |
|----------|----------|-------------|----------------|----------|-----------|--------------|----------|-----------------|---------|------------|------------|-----------|---------|------------|--------|-----------------------------|
| 13/12/97 | 09:35    | 61°01.2     | 58°06.5        | 4591     | 4734      | 0.7          | 332      | 335             | 4       | 2          | 266        | 120       | 83      | 13         | Water  | Papier 1:100000             |
|          | 10:00    | 00.0        | 06.6           | 4550     | 4800      | 1.1          | 344      | 1000            | "       | "          | "          | "         | "       | "          | "      | V.16                        |
|          | 11:00    | 60°55.3     | 07.2           | 5220     | 5233      | 0.7          | 356      | 1300            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 11:30    | 59.1        | 07.2           | 5227     | 5244      | 1.6          | 345      | 1700            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 12:00    | 58.7        | 07.3           | 5223     | 5244      | 0.6          | 344      | 2100            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 12:30    | 58.3        | 07.3           | 5223     | 5244      | 1.1          | 330      | 1900            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 13:00    | 57.8        | 07.2           | 5222     | 5247      | 0.6          | 293      | 1400            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 13:30    | 57.7        | 08.1           | 5222     | 5240      | 0.6          | 279      | 2100            | "       | "          | "          | "         | "       | "          | "      | Sven                        |
|          | 14:00    | 57.5        | 08.7           | 5220     | 5242      | 0.7          | 312      | 2200            | "       | "          | "          | "         | "       | "          | "      | Rec on 1:100000 paper speed |
|          | 14:30    | 57.4        | 08.0           | 5219     | 5242      | 0.8          | 19       | 1800            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 14:43    | 57.5        | 09.5           | 5219     | 5240      | 19.8         | 239      | 1600            | "       | "          | "          | 0         | "       | "          | "      | paper speed 1:20000         |
|          | 15:00    | 58.6        | 13.9           | 5223     | 5244      | 8.3          | 243      | 2000            | "       | "          | "          | "         | "       | "          | "      | Deland                      |
|          | 15:15    | 59.8        | 17.3           | 5221     | 5242      | 8.1          | 244      | 1900            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 15:30    | 60.3        | 21.2           | 5222     | 5241      | 8.4          | 245      | 2000            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 15:45    | 60.0        | 26.1           | 5221     | 5240      | 8.4          | 245      | 1800            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 16:00    | 62.1        | 29.6           | 5222     | 5239      | 8.3          | 244      | 1700            | "       | "          | "          | "         | "       | "          | "      | Ulrich                      |
|          | 16:15    | 62.5        | 33.4           | 5219     | 5283      | 8.4          | 246      | 1700            | "       | "          | "          | "         | "       | "          | "      | ~ 20m ET                    |
|          | 16:30    | 63.8        | 37.4           | 5201     | 5218      | 8.6          | 246      | 1200            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 16:45    | 64.7        | 41.3           | 5740     | -         | 7.8          | 240      | 260             | "       | "          | "          | "         | 84      | "          | "      | Tapered 16:44 -> No. 84     |
|          | 17:00    | 65.7        | 45.7           | 5164     | 5764      | 7.4          | 241      | 500             | "       | "          | "          | 1         | "       | "          | "      | ca 17:00 Station 4107300    |
|          | 17:11    | 65.8        | 45.7           | 5184     | 5217      | 0.4          | 92       | 1400            | "       | "          | "          | 120       | "       | "          | "      | Station Anfang              |
|          | 21:03    | 65.8        | 46.3           | 5208     | 5224      | 0.3          | 307      | 1300            | "       | "          | "          | "         | "       | "          | "      | Ende Station 47075          |
|          | 21:05    | 65.8        | 46.3           | 5217     | 5225      | 0.3          | 123      | 1000            | "       | "          | "          | 0         | 84      | "          | "      | Ax L                        |
|          | 21:15    | 66.5        | 45.7           | -        | 4912      | 9            | 442      | 300             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 21:30    | 67.9        | 43.3           | 4350     | 4382      | 3.4          | 126      | 350             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 21:45    | 69.2        | 43.0           | 4036     | 4025      | 7.4          | 256      | 250             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 22:00    | 69.9        | 47.4           | 4070     | 4091      | 9.3          | 253      | 200             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 22:15    | 61°10.6     | 52.2           | 4238     | 4331      | 9.5          | 251      | 2435            | "       | "          | "          | "         | "       | "          | "      | Caution 22:16 PS Newstart   |
|          | 22:30    | 61.4        | 56.7           | 4104     | 4216      | 9.3          | 250      | 335             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 22:45    | 61.16       | 59°01.3        | -        | 4360      | 9.3          | 251      | 278             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 23:00    | 62.9        | 05.8           | 4363     | 4350      | 9.1          | 252      | 1591            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 23:15    | 63.6        | 10.4           | 4341     | 4362      | 9.5          | 250      | 613             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 23:30    | 64.4        | 15.1           | 4375     | 4389      | 10.0         | 250      | 1310            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 23:45    | 65.1        | 19.7           | 4164     | 4207      | 9.7          | 252      | 524             | "       | "          | "          | "         | "       | "          | "      | "                           |
| 14/12/97 | 00:00    | 66.7        | 22.1           | 3933     | 3966      | 10.6         | 162      | 818             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 01:15    | 61°19.0     | 55°19.9        | 3873     | 3992      | 9.1          | 83.3     | 1500            | "       | "          | "          | "         | "       | "          | "      | Portlan ET ~ 10m            |
|          | 01:30    | 61°18.2     | 59°14.2        | 3733     | 3770      | 10.0         | 71.8     | 220             | "       | "          | "          | "         | "       | "          | "      | Deso start                  |
|          | 01:45    | 61°17.4     | 59°00.2        | 3720     | 3722      | 10.8         | 77.8     | 260             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 21:00    | 61°16.5     | 59°03.1        | 3665     | 3570      | 11.4         | 73.0     | 1600            | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 01:15    | 61°15.6     | 58°58.2        | 3545     | 3559      | 11.4         | 77.3     | 300             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 01:30    | 61°14.8     | 58°52.9        | 3294     | 3412      | 11.2         | 77.2     | 500             | "       | "          | "          | "         | "       | "          | "      | "                           |
|          | 01:45    | 61°13.9     | 58°47.6        | 3473     | 3502      | 11.6         | 72.2     | 400             | "       | "          | "          | "         | "       | "          | "      | "                           |

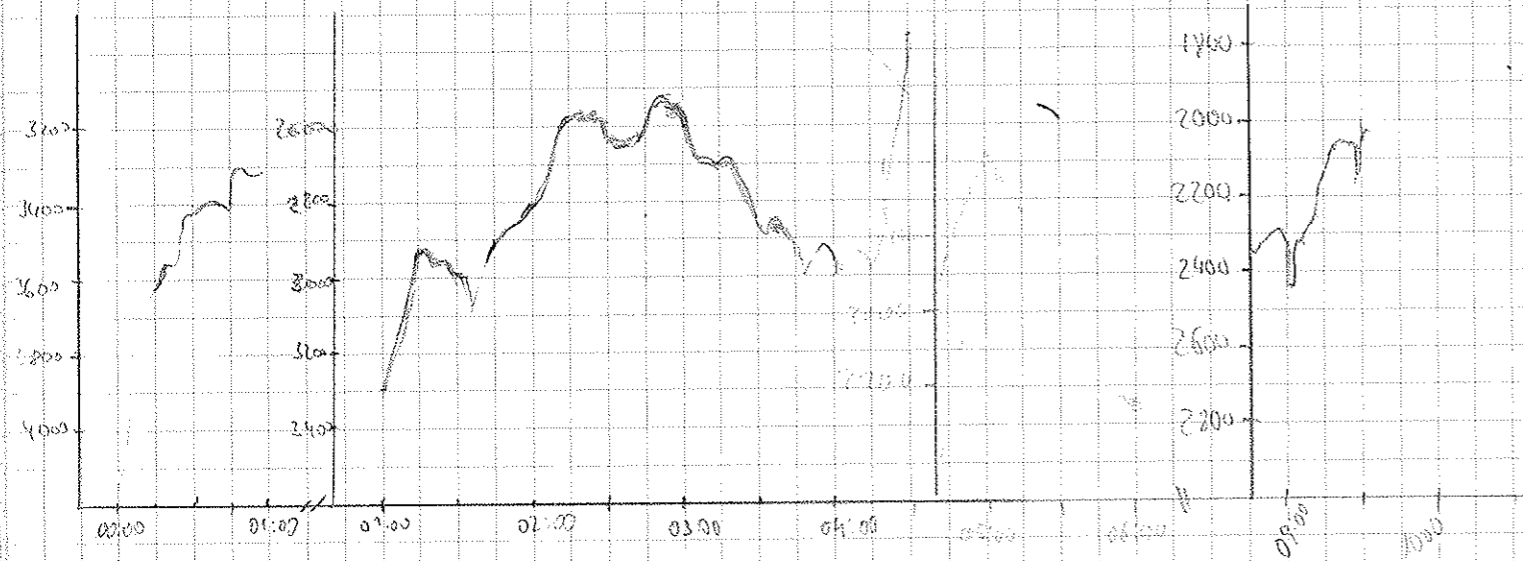


| Datum    | Zeit UTC | Breit. [°S] | Länge [°W] | Tiefe PS | Tiefe HS | Geschw [kn] | Kurs [°] | Max. Pmpf [mV] | PS | Pulse | Record Length | Wait Time | Tape No. | Bea Coll. | Wache    | Bemerkungen               |
|----------|----------|-------------|------------|----------|----------|-------------|----------|----------------|----|-------|---------------|-----------|----------|-----------|----------|---------------------------|
| 14/02/97 | 02:00    | 61°12.0     | 58°41.0    | 3580     | 3412     | 10.5        | 27.2     | 600            | "  | 2     | 266           | 0         | 84       | 13        | Pos-Haus |                           |
|          | 02:15    | 61°12.1     | 58°35.7    | 3639     | 3480     | 10.5        | 27.4     | 300            | "  | "     | "             | "         | 85       | "         | "        | TAPELIECHER               |
|          | 02:30    | 61°12.0     | 58°35.5    | 3607     | 3360     | 11.4        | 29.2     | 500            | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 02:45    | 61°12.0     | 58°29.6    | 3436     | 3464     | 11.4        | 29.6     | 400            | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 03:00    | 61°12.0     | 58°18.7    | 3535     | 3546     | 11.0        | 30.2     | 1300           | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 03:15    | 61°12.7     | 58°19.8    | 3418     | 3462     | 9.8         | 252.2    | 300            | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 03:30    | 61°13.4     | 58°24.3    | 3294     | 3318     | 9.3         | 257.     | 500            | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 03:45    | 61°14.1     | 58°28.5    | 3031     | 3047     | 9.3         | 248      | 1000           | "  | "     | "             | 0         | "        | "         | "        |                           |
|          | 04:00    | 61°14.9     | 58°31.4    | 2912     | 2948     | 8.9         | 257      | 500            | "  | "     | "             | "         | "        | "         | "        |                           |
|          | 04:16    | 15.2        | 38.1       | 2887     | 2903     | 9.5         | 251      | 540            | "  | "     | "             | "         | "        | "         | "        | Wache                     |
|          | 04:30    | 16.4        | 42.3       | 3061     | 3076     | 8.9         | 252      | 760            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 04:45    | 17.1        | 46.2       | 3102     | 3119     | 9.0         | 253      | 600            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 05:00    | 17.8        | 50.4       | 3058     | 3072     | 9.2         | 251      | 800            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 05:15    | 18.7        | 55.6       | 3179     | 3224     | 9.5         | 251      | 1100           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 05:30    | 19.3        | 59°00.1    | 3399     | 3376     | 8.8         | 250      | 1000           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 05:45    | 20.0        | 69°01.7    | 3249     | 3271     | 10.0        | 240      | 849            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 06:00    | 20.7        | 09.2       | 3141     | 3169     | 9.2         | 250      | 555            | "  | "     | "             | "         | "        | "         | "        | 06:00 - 10:00             |
|          | 06:15    | 21.5        | 13.7       | 3236     | 3311     | 8.9         | 249      | 469            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 06:30    | 22.1        | 17.5       | 3310     | 3339     | 8.6         | 250      | 531            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 06:45    | 19.7        | 14.9       | 3586     | 2609     | 11.5        | 34       | 850            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 07:00    | 17.4        | 12.0       | 3736     | 3786     | 11.2        | 28       | 400            | "  | "     | "             | "         | "        | "         | "        | 7:08 - 7:14 im Aufsteigen |
|          | 07:16    | 14.4        | 09.0       | 4410     | 4410     | 10.8        | 26       | 2000           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 07:30    | 12.2        | 06.7       | 4270     | 4304     | 10.2        | 26       | 950            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 07:46    | 09.3        | 03.9       | 4640     | 4640     | 9.8         | 32       | 130            | "  | "     | "             | "         | "        | "         | "        | PS-Tiefe Pulss            |
|          | 08:00    | 08.2        | 02.2       | 5101     | 5103     | 7.5         | 29       | 500            | "  | "     | "             | 120       | 86       | "         | "        | CTD + PS 4474             |
|          | 08:120   | 61°05.5     | 58°53.0    | 5215     | 5233     | 0.7         | 329      | 1700           | "  | "     | "             | 0         | "        | "         | "        | OFOS, PS 4475             |
|          | 08:30    | 05.4        | 53.1       | 5215     | 5253     | 0.9         | 348      | 1000           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 08:45    | 05.0        | 53.3       | 5212     | 5231     | 1.1         | 338      | 1200           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 09:00    | 04.7        | 53.6       | 5212     | 5229     | 1.0         | 334      | 1000           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 09:15    | 04.3        | 53.8       | 5207     | 5228     | 1.1         | 339      | 2300           | "  | "     | "             | "         | "        | "         | "        | Wache                     |
|          | 09:30    | 04.1        | 54.0       | 5203     | 5226     | 1.0         | 340      | 1500           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 09:45    | 03.7        | 54.3       | 5207     | 5232     | 1.6         | 342      | 1300           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 10:00    | 03.5        | 54.5       | 5208     | 5230     | 3.4         | 313      | 1000           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 10:15    | 03.1        | 56.5       | 5207     | 5224     | 9.7         | 207      | 850            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 10:30    | 04.24       | 58.83      | 5209     | 5229     | 9.6         | 209      | 603            | "  | "     | "             | "         | "        | "         | "        | Badsaco                   |
|          | 10:45    | 04.34       | 59°01.29   | -        | 4663     | 10.0        | 210      | 377            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 11:00    | 11.52       | 03.49      | 4370     | 4391     | 9.8         | 209      | 612            | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 11:15    | 13.66       | 06.20      | 4349     | 4393     | 9.9         | 208      | 2682           | "  | "     | "             | "         | "        | "         | "        | "                         |
|          | 11:30    | 14.92       | 04.83      | 4393     | 4423     | 0.6         | 27       | 356.4          | "  | "     | "             | 120       | "        | "         | "        | PS 4476 CTD               |

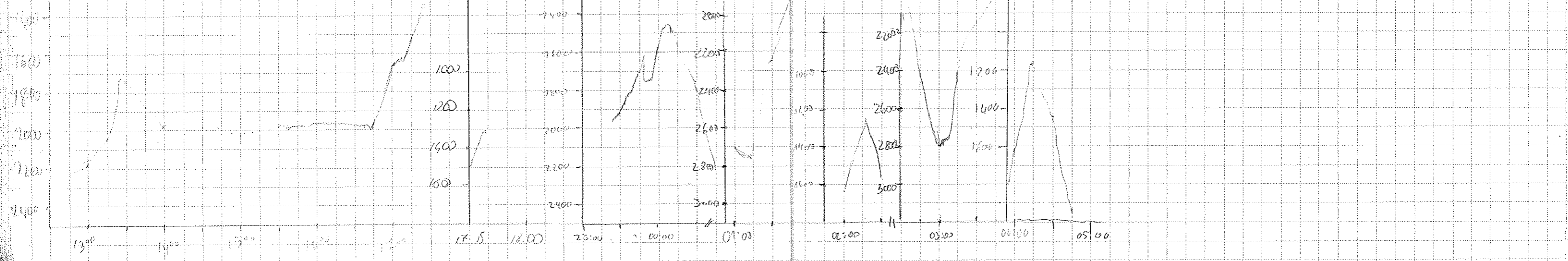


PROFIL: CHAOS!  
 ALLES WIEDER NORMAL  
 PS 4476 CTD

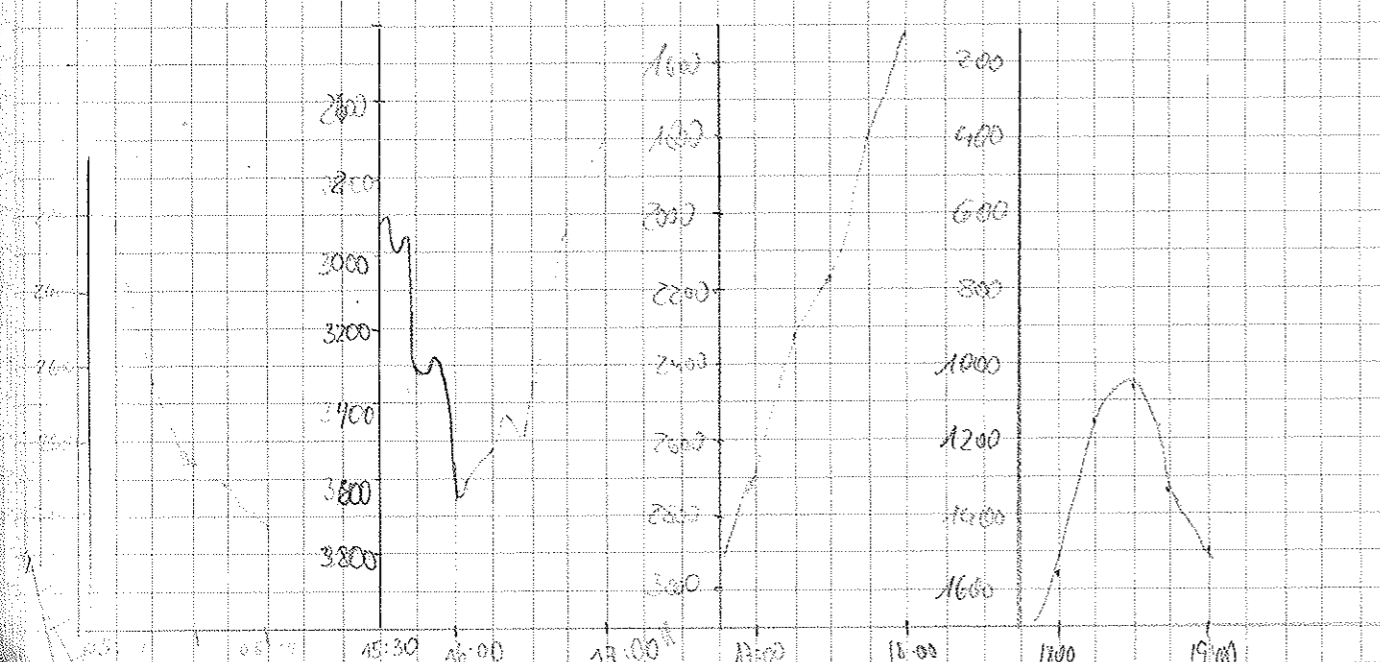
| Datum    | Zeit UTC | Breite [°S] | länge [°W] | Tiefe FS | Tiefe HS | Geochw [Kmh] | Kurs [°] | Max. Amplitude [cm] | 09 | Pulse | Recept | Wait Time | Deas Rolle | Tape m | Wäcker  | Remarks                            |
|----------|----------|-------------|------------|----------|----------|--------------|----------|---------------------|----|-------|--------|-----------|------------|--------|---------|------------------------------------|
| 14/12/97 | 23:57    | 61°15.4     | 59°03.8    | 4210     | 4331     | 5.7          | 216      | 430                 | 4  | 2     | 266    | 0         | 14         | 86     |         | HS-Messung Beginn                  |
| 15/12/97 | 00:15    | 61°17.8     | 59°10.0    | 3629     | 3653     | 11.2         | 205      | 400                 | "  | "     | "      | "         | "          | "      | Portaua |                                    |
|          | 00:30    | 61°20.3     | 59°13.5    | 3421     | 3453     | 11.6         | 201      | 800                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 00:45    | 61°22.5     | 59°16.9    | 3474     | 3466     | 11.1         | 220      | 800                 | "  | "     | "      | "         | "          | 87     |         | TAPE CHANGE 86 → 87 00:52          |
|          | 01:00    | 61°24.7     | 59°18.8    | 3149     | 3177     | 10.5         | 226      | 500                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 01:15    | 61°24.1     | 59°17.5    | 2918     | 2927     | 10.7         | 70       | 1000                | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 01:30    | 61°23.4     | 59°09.4    | 3000     | 3010     | 10.9         | 71.2     | 500                 | "  | "     | "      | "         | "          | "      |         | ETW 10 cm                          |
|          | 01:45    | 61°22.4     | 59°09.7    | 2986     | 2991     | 10.9         | 72.1     | 500                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 02:00    | 61°21.6     | 58°57.0    | 2872     | 2827     | 10.9         | 71.7     | 300                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 02:15    | 61°20.7     | 58°57.1    | 2533     | 2590     | 11.0         | 30.0     | 460                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 02:30    | 61°20.2     | 58°45.5    | 2624     | 2634     | 11.2         | 30.1     | 550                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 02:45    | 61°18.3     | 58°40.0    | 2652     | 2667     | 11.3         | 71.0     | 420                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 03:00    | 61°18.0     | 58°34.8    | 2532     | 2547     | 11.0         | 72.5     | 540                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 03:15    | 61°17.1     | 58°29.3    | 2689     | 2706     | 11.1         | 71.0     | 576                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 03:30    | 61°16.2     | 58°28.6    | 2778     | 2783     | 11.3         | 71.7     | 800                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 03:45    | 61°15.3     | 58°16.1    | 2760     | 2982     | 10.3         | 70.2     | 500                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 04:00    | 61°14.6     | 58°13.7    | 2922     | 3000     | 11.1         | 73.1     | 650                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 04:15    | 14.1        | 07.2       | 2773     | 2991     | 10.2         | 152      | 400                 | "  | "     | "      | "         | "          | "      | Wärter  | Kurswechsel                        |
|          | 04:30    | 13.5        | 05.1       | 2344     | 2362     | 11.3         | 193      | 400                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 04:45    | 13.8        | 02.3       | 2334     | 1965     | 10.8         | 151      | 1500                | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 05:00    | 14.4        | 59°59.7    | 1577     | 1626     | 10.9         | 153      | 1000                | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 05:15    | 17.0        | 59.3       | 1702     | 1894     | 10.1         | 20       | 400                 | "  | "     | "      | "         | "          | "      |         | Kurswechsel                        |
|          | 05:30    | 14.6        | 56.9       | -        | 1852     | 11.2         | 33.7     | -                   | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 05:45    | 16.3        | 54.2       | -        | 2200     | 11.2         | 33.6     | 500                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 06:00    | 16.0        | 56.4       | 2256     | 2260     | 11.3         | 88       | 200                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 06:15    | 15.8        | 57.4       | 2346     | 2336     | 6.3          | 89       | 850                 | "  | "     | "      | 120       | "          | "      |         | Beginn CTD + Milhind Rec On        |
|          | 08:48    | 61°15.4     | 57°48.5    | 2340     | 2356     | 5.5          | 97       | 1000                | 4  | 2     | 266    | 0         | 14         | 87     | Seen    | End CTD + Milhind Rec On           |
|          | 09:00    | 16.6        | 47.0       | 2431     | 2448     | 9.2          | 155      | 300                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 09:15    | 18.3        | 47.5       | 2150     | 2165     | 9.3          | 243      | 500                 | "  | "     | "      | "         | "          | "      |         | Unwissend                          |
|          | 09:30    | 19.6        | 51.8       | -        | 2066     | 9.1          | 237      | 500                 | "  | "     | "      | "         | "          | "      |         | 9:36 Anfahr auf Station RS47078    |
|          | 09:40    | 20.1        | 53.0       | -        | 1841     | 0.2          | 56       | 1000                | 0  | 1     | "      | 120       | "          | "      |         | papa speed 1:100000, wait time 120 |
|          | 10:00    | 15.8        | 52.8       | -        | 1875     | 1.2          | 213      | 1400                | "  | "     | "      | "         | "          | "      | Wärter  | Station 078 On                     |
|          | 10:30    | 15.8        | 52.3       | 1871     | 1875     | 3.2          | 27       | 150                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 11:00    | 18.9        | 53.3       | 1840     | 1839     | 1.8          | 353      | 1000                | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 11:30    | 18.2        | 53.8       | 1819     | 1886     | 1.0          | 323      | 1000                | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 12:00    | 17.5        | 54.1       | 2026     | 2034     | 1.6          | 341      | 650                 | "  | "     | "      | "         | "          | "      |         |                                    |
|          | 12:32    | 16.9        | 54.7       | 2129     | 2135     | 1.1          | 339      | 670                 | "  | "     | "      | "         | "          | "      | Axel    |                                    |
|          | 13:00    | 16.5        | 55.0       | 2190     | 2198     | 0.8          | 85       | 930                 | "  | "     | "      | "         | "          | "      |         |                                    |



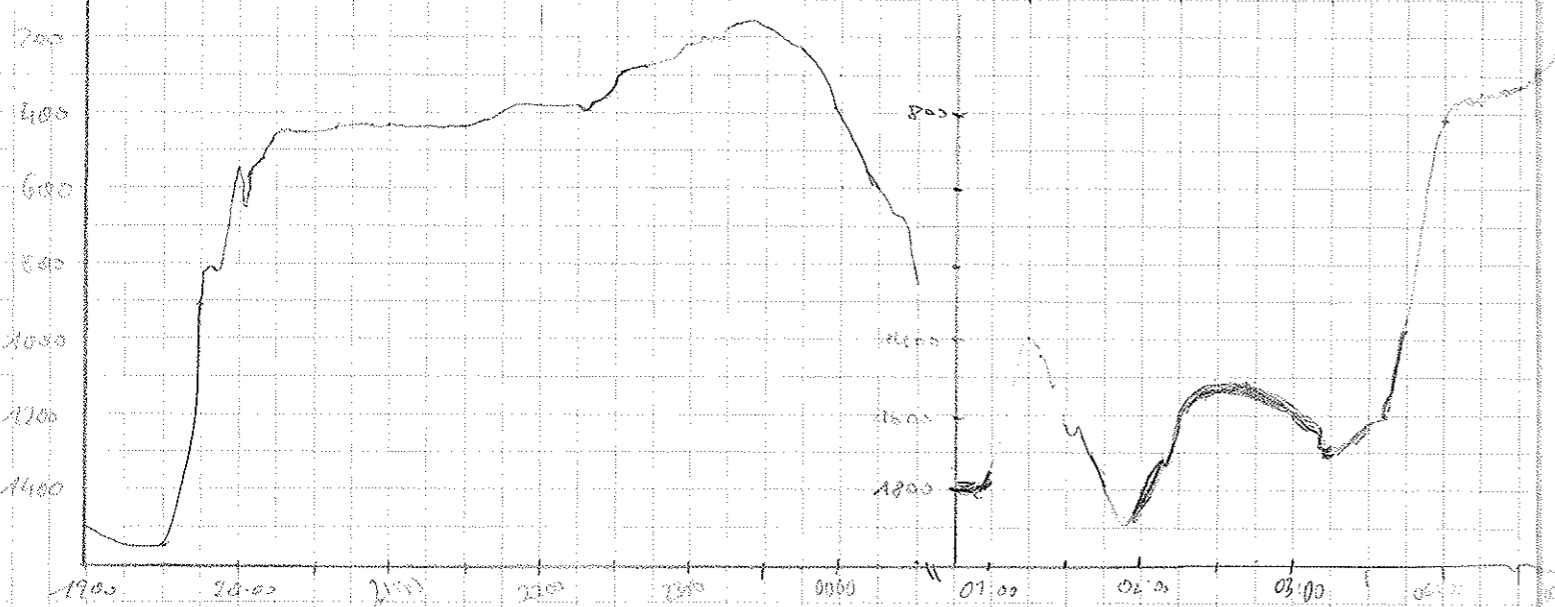
| Datum    | Zeit UTC | Brite 1°57' | Länge 5°W | Tiefe PS | Tiefe MS | Geochin. [km] | Wind 5° | Max. Ampl. [mV] | Imp | Pulse | Record Length | Wait time | Deso Pole | Tape No. | Wache    | Beim. Ereignen                   |                              |
|----------|----------|-------------|-----------|----------|----------|---------------|---------|-----------------|-----|-------|---------------|-----------|-----------|----------|----------|----------------------------------|------------------------------|
| 15/12/97 | 13:20    | 17.6        | 53.0      | 2048     | 2056     | 9.1           | 156     | 400             | 4   | 2     | 266           | 0         | 14        | 89       | Axel     | Wartime wieder 0.00 (13:20)      |                              |
|          | 13:30    | 18.16       | 52.9      | 1739     | 2052     | 9.5           | 148     | 600             | "   | "     | "             | 120       | "         | "        | "        | Paperspeed 1:20000               |                              |
|          | 14:00    | 19.5        | 49.9      | 1989     | 2018     | 0.4           | 103     | 700             | "   | "     | "             | "         | "         | "        | "        | 13:40 wieder Paperspeed 1:100000 |                              |
|          | 14:30    | 19.5        | 57.49.8   | 1985     | 1995     | 1.7           | 216     | 1500            | "   | "     | "             | "         | "         | "        | E. G. d. | Wartime 120.0 Station PS 073     |                              |
|          | 15:00    | 19.5        | 50.12     | 2079     | 2119     | 0.4           | 100     | 630             | "   | "     | "             | "         | "         | "        | "        | "                                | Tiefe sprünge                |
|          | 15:30    | 19.5        | 49.92     | 1990     | 2012     | 0.2           | 221     | 725             | "   | "     | "             | "         | "         | "        | "        | "                                | ohne Zellen                  |
|          | 16:00    | 19.4        | 49.72     | 1981     | 1988     | 0.1           | 124     | 1034            | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 16:30    | 19.38       | 49.24     | 1992     | 2000     | 0.8           | 63.7    | 606             | "   | "     | "             | "         | "         | "        | "        | Barbara                          | "                            |
|          | 16:45    | 19.64       | 48.78     | 1965     | 1946     | 8.2           | 18.7    | 568             | "   | "     | "             | "         | "         | "        | "        | "                                | 16.39 Beginnem SW. Stationen |
|          | 17:00    | 21.91       | 49.33     | 1697     | 1714     | 9.4           | 18.7    | 323             | "   | "     | "             | "         | "         | "        | "        | "                                | mach PS 47/080               |
|          | 17:15    | 24.13       | 49.35     | 1509     | 1520     | 9.8           | 16.4    | 830             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 17:28    | 24.71       | 49.43     | 1334     | 1347     | 0.8           | 5.7     | 750             | "   | "     | "             | "         | "         | "        | "        | "                                | STATION PS 47/080 OFUS       |
|          | 18:20    | 23.9        | 50.4      | 1597     | 1590     | 0.7           | 53.8    | 500             | "   | "     | "             | "         | "         | "        | "        | "                                | Rec: 0.7                     |
|          | 19:35    | 22.9        | 51.4      | 1607     | 1616     | 0.7           | 345     | 700             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 19:55    | 22.5        | 51.6      | 1630     | 1639     | 0.9           | 328     | 700             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 20:18    | 22.1        | 51.9      | 1743     | 1841     | 1.0           | 324     | 700             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 22:17    | 19.7        | 53.6      | 7860     | 7878     | 7.7           | 393     | 700             | "   | "     | "             | "         | "         | "        | "        | Viki                             | "                            |
|          | 22:37    | 19.3        | 53.9      | 7977     | 7920     | 7.2           | 348     | 500             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 23:00    | 18.9        | 53.4      | 7947     | 7949     | 7.4           | 390     | 7700            | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 23:15    | 18.7        | 53.4      | 7960     | 7975     | 0.6           | 7.7     | 400             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
| 23:24    | 18.5     | 53.7        | 1972      | 1986     | 5.8      | 43.7          | 700     | "               | "   | "     | 0             | "         | "         | "        | Msbeck   | "                                |                              |
| 23:30    | 19.0     | 54.6        | 7908      | 7922     | 8.0      | 223           | 700     | "               | "   | "     | "             | "         | "         | "        | Viki     | "                                |                              |
| 23:45    | 20.7     | 57.4        | 7705      | 7714     | 9.1      | 27.2          | 200     | "               | "   | "     | "             | "         | "         | "        | "        | "                                |                              |
| 16/12/97 | 00:00    | 22.4        | 00.7      | 7580     | 7607     | 8.9           | 220     | 300             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 00:15    | 61°02.8     | 58°02.3   | 1499     | 1577     | 10.0          | 207     | 1400            | "   | "     | "             | "         | "         | "        | "        | "                                | 00:12 TAPENECINER 27-28      |
|          | 00:30    | 61°02.4     | 58°04.8   | 1795     | 1782     | 10.5          | 331     | 221             | "   | "     | "             | "         | "         | "        | "        | Dorbin                           | "                            |
|          | 00:45    | 61°07.9     | 58°07.2   | 2210     | 2235     | 10.4          | 330     | 400             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 01:00    | 61°15.5     | 58°10.3   | 2715     | 2715     | 10.8          | 333     | 1250            | "   | "     | "             | "         | "         | "        | "        | "                                | PS tiefe weg                 |
|          | 01:15    | 61°15.5     | 58°13.6   | 2735     | 2804     | 9.5           | 159     | 260             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 01:30    | 61°17.9     | 58°11.5   | 2250     | 2274     | 4.9           | 150     | 700             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 01:45    | 61°10.1     | 58°03.1   | 1838     | 1845     | 10.9          | 152     | 200             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 02:00    | 61°22.5     | 58°06.4   | 1637     | 1655     | 17.7          | 142     | 400             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 02:15    | 61°24.4     | 58°08.8   | 1854     | 1875     | 9.9           | 244     | 300             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 02:30    | 61°22.8     | 58°10.2   | 1876     | 1838     | 10.7          | 332     | 230             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 02:45    | 61°20.4     | 58°12.8   | 1845     | 1807     | 10.5          | 331     | 150             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 03:00    | 61°18.1     | 58°15.3   | 2362     | 2383     | 10.5          | 332     | 400             | "   | "     | "             | "         | "         | "        | "        | "                                | Deso Kurt 2070               |
|          | 03:15    | 61°16.1     | 58°17.8   | 2857     | 2867     | 8.1           | 249     | 1000            | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 03:30    | 61°17.6     | 58°15.5   | 2370     | 2385     | 11.1          | 152     | 550             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 03:45    | 61°20.6     | 58°16.1   | 1547     | 2004     | 11.2          | 153     | 300             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 04:00    | 22.5        | 13.9      | 1614     | 1624     | 11.5          | 152     | 500             | "   | "     | "             | "         | "         | "        | "        | Harbo                            | "                            |
|          | 04:15    | 25.2        | 12.5      | 1182     | 1183     | 9.4           | 260     | 400             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 04:30    | 24.0        | 15.5      | 1457     | 1459     | 9.4           | 335     | 700             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |
|          | 04:45    | 21.6        | 18.3      | 1521     | 1558     | 11.0          | 327     | 311             | "   | "     | "             | "         | "         | "        | "        | "                                | "                            |



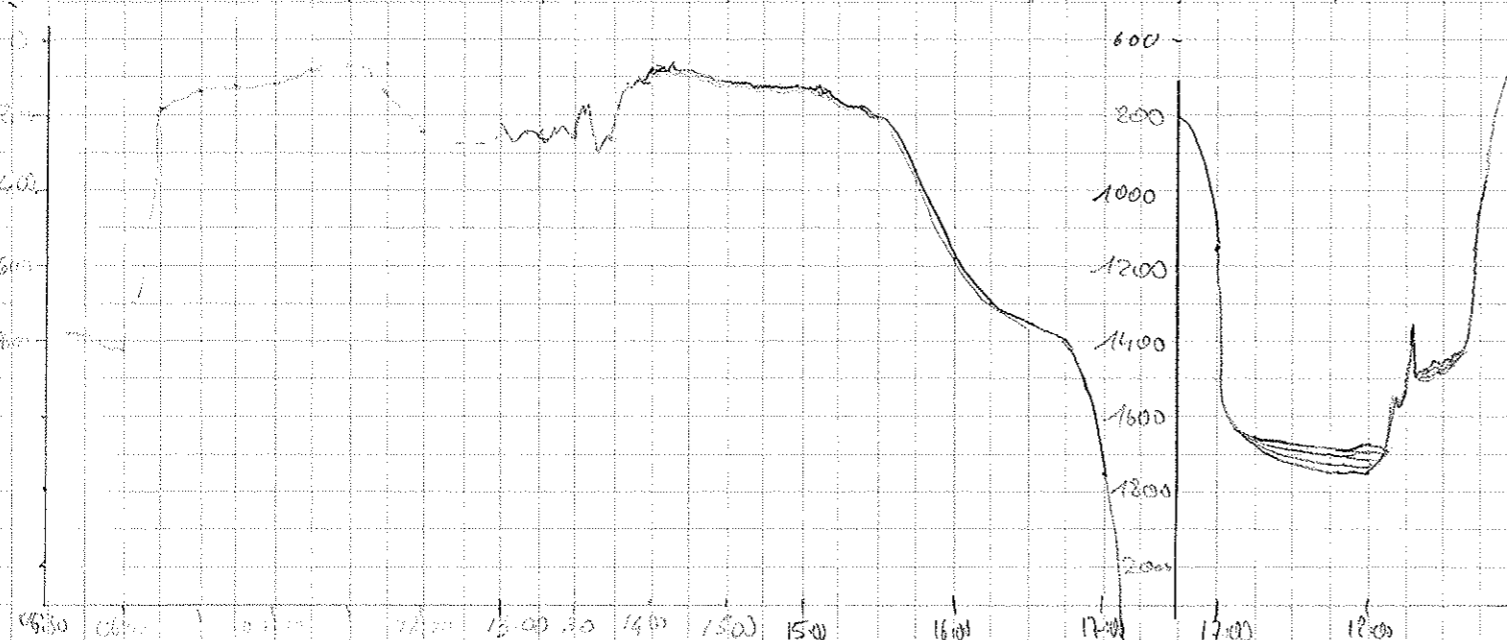
| DATE     | TIME  | BREITEN [°S] | LÄNGEN [°W] | TIEFE RI | TIEFE HS | Geschw [km] | KURS [°] | Max Amplitude | RECORD | WAVE | DESS | TAGE | NACH   | BEMERKUNGEN   |
|----------|-------|--------------|-------------|----------|----------|-------------|----------|---------------|--------|------|------|------|--------|---|
| 16/12/97 | 09:00 | 61°19.3      | 58°20.4     | 2201     | 2217     | 10.8        | 370      | 300           |        |      | 14   | 88   | Kohler |   |
|          | 09:15 | 13.2         | 21.7        | 2632     | 2702     | 11.3        | 62       | 800           |        |      |      |      |        |   |
|          | 09:30 | 15.8         | 16.4        | 2854     | 2900     | 10.9        | 61       | 500           |        |      |      |      |        |   |
|          | 09:45 | 14.5         | 11.6        | 2908     | 2938     | 10.3        | 61       | 700           |        |      |      |      |        |   |
|          | 05:55 | 14.1         | 10.1        | 3036     | 3093     | 8.2         | 61       | 800           |        |      |      |      |        |   |
|          | 07:15 | 14.0         | 08.6        | 3006     | 3025     | 0.2         | 140      | 1400          |        |      |      |      |        |   |
|          | 08:00 | 14.2         | 08.4        | 2963     | 2986     | 0.6         | 140      | 1600          |        |      |      |      |        |   |
|          | 08:30 | 75.7         | 77.4        | 2723     | 2739     | 7.8         | 200      | 500           |        |      |      |      |        |   |
|          | 09:00 | 76.3         | 77.8        | 2478     | 2502     | 0.2         | 236      | 7000          |        |      |      |      |        | Schiff fahet 7 Meile westwärts deswegen nicht eingestellt |
|          | 09:30 | 76.9         | 72.6        | 2442     | 2466     | 0.3         | 334      | 900           |        |      |      |      |        |   |
|          | 10:00 | 75.8         | 72.5        | 2730     | 2748     | 1.7         | 350      | 7000          |        |      |      |      |        |   |
|          | 10:30 | 15.1         | 12.3        | 2855     | 2878     | 1.7         | 11       | 1800          |        |      |      |      |        |   |
|          | 11:00 | 14.3         | 12.2        | 2999     | 3044     | 7.6         | 0.8      | 7000          |        |      |      |      |        |   |
|          | 11:30 | 73.5         | 72.1        | 3104     | 3184     | 7.6         | 356      | 7000          |        |      |      |      |        |   |
|          | 12:30 | 72.4         | 72.2        | 3387     | 3402     | 7.8         | 37       | 800           |        |      |      |      |        |   |
|          | 13:00 | 72.4         | 71.5        | 3350     | 3370     | 0.4         | 232      | 7500          |        |      |      |      |        |   |
|          | 13:30 | 13.8         | 09.8        | 3123     | 3141     | 0.2         | 83       | 1080          |        |      |      |      |        |   |
|          | 14:00 | 12.8         | 09.5        | 3072     | 3110     | 0.2         | 129      | 1180          |        |      |      |      |        |   |
|          | 14:30 | 13.9         | 09.3        | 3065     | 3099     | 0.2         | 131      | 1300          |        |      |      |      |        |   |
|          | 15:00 | 14.2         | 08.9        | 2974     | 3011     | 0.7         | 66       | 950           |        |      |      |      |        |   |
|          | 15:30 | 14.4         | 07.6        | 2907     | 2910     | 7.2         | 43       | 500           |        |      |      |      |        | station beendet Transit O'Higgins                         |
|          | 15:45 | 12.7         | 10.0        | 3305     | 3341     | 9.7         | 323      | 1600          |        |      |      |      |        |   |
|          | 16:00 | 10.8         | 12.8        | 3636     | 3638     | 9.7         | 319      | 1800          |        |      |      |      |        |   |
|          | 16:15 | 11.7         | 16.3        | 3523     | 3527     | 8.5         | 233      | 320           |        |      |      |      |        |   |
|          | 16:30 | 13.2         | 18.5        | 3346     | 3348     | 8.7         | 218      | 850           |        |      |      |      |        |   |
|          | 16:45 | 14.8         | 22.2        | 2848     | 3019     | 8.8         | 217      | 1000          |        |      |      |      |        |   |
|          | 17:00 | 16.6         | 24.7        | 2638     | 2711     | 8.5         | 214      | 1000          |        |      |      |      |        |   |
|          | 17:15 | 18.3         | 27.3        | 2315     | 2328     | 8.3         | 209      | 500           |        |      |      |      |        |   |
|          | 17:30 | 20.0         | 21.1        | 2189     | 2187     | 10.0        | 136      | 1100          |        |      |      |      |        |   |
|          | 17:45 | 22.0         | 21.2        | 1998     | 1911     | 9.6         | 145      | 350           |        |      |      |      |        |   |
|          | 18:00 | 23.9         | 18.2        | 1525     | 1563     | 10.2        | 144      | 300           |        |      |      |      |        |   |
|          | 18:15 | 26.0         | 15.4        | 1148     | 1196     | 9.6         | 152      | 275           |        |      |      | 89   | TORGE  | Tapewechsel eingeschrieben auf neue Repliere              |
|          | 18:30 | 25.9         | 11.0        | 1046     | 1051     | 11.0        | 64       | 600           |        |      |      |      |        |   |
|          | 18:45 | 24.8         | 05.9        | 1507     | 1344     | 11.1        | 61       | 300           |        |      |      |      |        |   |
|          | 19:00 | 23.7         | 00.7        | 1493     | 1520     | 10.8        | 80       | 250           |        |      |      |      |        |   |



| Datum    | Zeit UTC | Zwick [°S] | Laenge [°S] | Laenge [°S] | Tiefe [m] | Geschw. [km/h] | Kurs [°] | Max. Temp. [mV] | Werte | Revid. Anzahl | Zeit | Zeit | Temp. No. | Nacht     | Bemerkung                        |
|----------|----------|------------|-------------|-------------|-----------|----------------|----------|-----------------|-------|---------------|------|------|-----------|-----------|----------------------------------|
| 16/12/97 | 19:15    | 61°23'8"   | 57°55'13"   | 1514        | 1522      | 10.8           | 73       | 500             | "     | 2             | 0    | 14   | 89        | TORGE     |                                  |
|          | 30       | 23'98"     | 50'48"      | 1559        | 1593      | 10.7           | 124      | 350             | "     | "             | "    | "    | "         | "         |                                  |
|          | 45       | 25'43"     | 46'18"      | 896         | 915       | 10.4           | 177      | 475             | "     | "             | "    | "    | "         | "         |                                  |
|          | 20:00    | 27.4       | 42.8        | 568         | 560       | 9.6            | 143      | 900             | "     | "             | "    | "    | "         | Soen      | TOP C. FREICHT?, ET 10m          |
|          | :15      | 29.3       | 39.8        | 478         | 479       | 9.5            | 147      | 2700            | "     | "             | "    | "    | "         | "         | 20.16 HS - Regenf.               |
|          | :30      | 32.0       | 36.5        | 451         | 452       | 9.8            | 160      | 1700            | "     | "             | "    | "    | "         | "         | "                                |
|          | :45      | 33.9       | 39.0        | 422         | 427       | 9.7            | 153      | 1000            | "     | "             | "    | "    | "         | "         | "                                |
|          | 21:00    | 35.8       | 33.2        | 422         | 422       | 9.9            | 156      | 2200            | "     | "             | "    | "    | "         | "         | "                                |
|          | :15      | 38.0       | 31.1        | 426         | 424       | 9.6            | 156      | 3000            | "     | "             | "    | "    | "         | "         | "                                |
|          | :30      | 40.1       | 29.0        | 422         | 422       | 9.4            | 157      | 1100            | "     | "             | "    | "    | "         | "         | "                                |
|          | :45      | 42.3       | 27.0        | 407         | 407       | 9.4            | 156      | 3000            | "     | "             | "    | "    | "         | "         | "                                |
|          | 22:00    | 44.5       | 24.9        | 373         | 373       | 8.9            | 155      | 2000            | "     | "             | "    | "    | "         | "         | "                                |
|          | :15      | 46.5       | 22.9        | 379         | 379       | 9.3            | 155      | 5500            | "     | "             | "    | "    | "         | "         | "                                |
|          | :30      | 48.4       | 20.9        | 317         | 318       | 9.3            | 146      | 1800            | "     | "             | "    | "    | "         | "         | "                                |
|          | :45      | 50.5       | 19.1        | 274         | 274       | 9.4            | 155      | 2300            | "     | "             | "    | "    | "         | "         | "                                |
| 23:00    | 52.4     | 17.2       | 270         | 220         | 17.8      | 154            | 15200    | "               | "     | "             | "    | "    | "         | "         |                                  |
| :15      | 54.3     | 15.4       | 182         | 185         | 17.7      | 153            | 3100     | "               | "     | "             | "    | "    | "         | "         |                                  |
| :30      | 56.2     | 13.5       | 166         | 166         | 9.8       | 155            | 1800     | "               | "     | "             | "    | "    | "         | "         |                                  |
| :45      | 61°58.5" | 57°11.3"   | 222         | 222         | 8.9       | 156            | 2000     | "               | "     | "             | "    | "    | "         | Postlucan |                                  |
| 17/12/97 | 00:00    | 61°59.7"   | 57°06.8"    | 403         | 402       | 10.3           | 102.4    | 800             | "     | "             | "    | "    | "         | "         |                                  |
|          | :15      | 62°00.9"   | 57°05.2"    | 601         | 602       | 10.3           | 208.4    | 700             | "     | "             | "    | "    | "         | "         |                                  |
|          | :30      | 62°03.3"   | 57°04.9"    | 834         | 837       | 10.4           | 210      | 450             | "     | "             | "    | "    | "         | "         |                                  |
|          | :45      | 62°05.6"   | 57°10.7"    | 1724        | 1726      | 10.7           | 210      | 2500            | "     | "             | "    | "    | "         | "         |                                  |
|          | 01:00    | 62°07.7"   | 57°13.0"    | 1736        | 1760      | 10.9           | 205      | 360             | "     | "             | "    | "    | "         | "         | ET bis zu 20m                    |
|          | :15      | 62°10.3"   | 57°15.9"    | 1593        | 1410      | 10.9           | 213      | 350             | "     | "             | "    | "    | "         | "         |                                  |
|          | :30      | 62°12.8"   | 57°18.8"    | 1579        | 1587      | 11.2           | 200.6    | 300             | "     | "             | "    | "    | "         | "         |                                  |
|          | :45      | 62°15.3"   | 57°21.5"    | 1800        | 1824      | 11.1           | 203.9    | 260             | "     | "             | "    | "    | "         | "         |                                  |
|          | 02:00    | 62°17.8"   | 57°23.4"    | 1800        | 1814      | 11.2           | 202      | 1000            | "     | "             | "    | "    | "         | "         |                                  |
|          | :20      | 62°21.1"   | 57°26.5"    | 1580        | 1886      | 11.1           | 200      | 700             | "     | "             | "    | "    | "         | "         |                                  |
|          | :30      | 62°22.8"   | 57°27.4"    | 1552        | 1513      | 11.3           | 200      | 1340            | "     | "             | "    | "    | "         | "         | ET 20 m                          |
|          | :45      | 62°26.1"   | 57°30.2"    | 1495        | 1498      | 11.6           | 204      | 2000            | "     | "             | "    | "    | "         | "         | - - -                            |
|          | 03:00    | 62°26.3"   | 57°32.5"    | 1556        | 1566      | 11.5           | 201      | 1600            | "     | "             | "    | "    | "         | "         | - - -                            |
|          | :15      | 62°30.7"   | 57°34.4"    | 1687        | 1632      | 11.4           | 201      | 700             | "     | "             | "    | "    | "         | "         | - - -                            |
|          | :30      | 62°33.8"   | 57°36.9"    | 1618        | 1632      | 11.3           | 202      | 1250            | "     | "             | "    | "    | 90        | "         | 3:20 min DEVO-ROLLE + TAPENWICKE |
| :45      | 62°36.1" | 57°39.3"   | 1352        | 1403        | 11.4      | 198.3          | 500      | "               | "     | "             | "    | "    | "         |           |                                  |
| 04:00    | 38.9     | 41.3       | 804         | 806         | 10.9      | 200            | 2100     | "               | "     | "             | "    | "    | "         |           |                                  |
| :15      | 41.5     | 43.2       | 741         | 744         | 11.1      | 199            | 2400     | "               | "     | "             | "    | "    | "         |           |                                  |
| :30      | 43.9     | 45.5       | 728         | 730         | 11.2      | 201            | 2100     | "               | "     | "             | "    | "    | "         |           |                                  |
| :45      | 47.4     | 48.8       | 652         | 652         | 10.7      | 206            | 1400     | "               | "     | "             | "    | "    | "         |           |                                  |
| 05:00    | 49.1     | 50.8       | 657         | 580         | 11.6      | 211            | 2400     | "               | "     | "             | "    | "    | "         |           |                                  |
| :25      | 53.0     | 54.3       | 575         | -           | 11.4      | 190            | 800      | "               | "     | "             | "    | "    | "         |           |                                  |

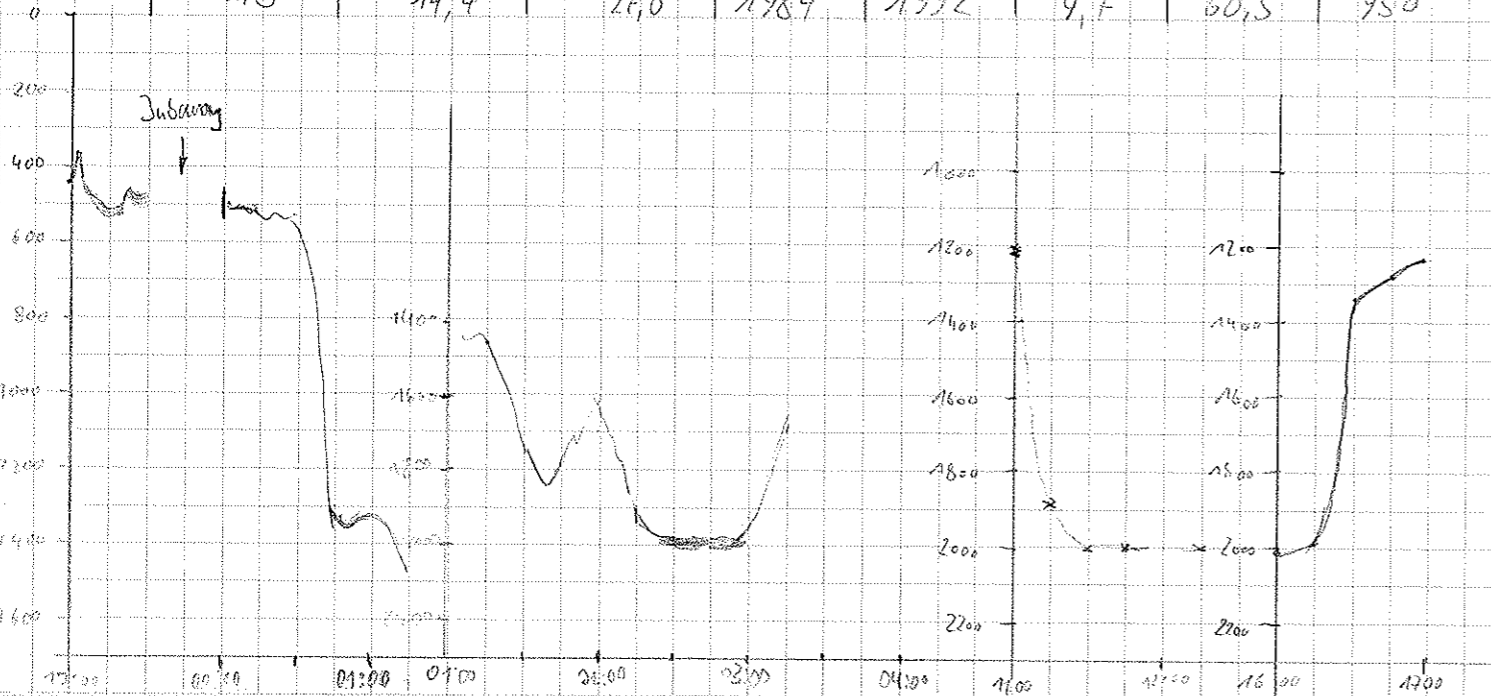


| Datum    | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | Tiefe PS | Tiefe MS | GESCHW [km] | KURS [°] | MAX ANP. TÜR [km] | RECORD LENGTH | WAIT TIME | DESO ROLLE | TAPE NR | WACHE   | BEMERKUNGEN                      |
|----------|----------|-------------|------------|----------|----------|-------------|----------|-------------------|---------------|-----------|------------|---------|---------|----------------------------------|
| 17/12/97 | 05:40    | 62°56,2     | 57°56,7    | 789      | 792      | 10,2        | 208      | 1000              | 266           | 0         | 15         | 90      | Viktor  |                                  |
|          | 06:00    | 58,9        | 59,4       | 616      | 705      | 8,8         | 208      | 4000              | "             | "         | "          | "       | "       |                                  |
|          | 06:20    | 63°01,9     | 58°03,4    | 197      | 197      | 9,1         | 211      | 1200              | "             | "         | "          | "       | "       |                                  |
|          | 06:41    | 04,8        | 07,1       | 138      | 138      | 10,1        | 146      | 2500              | "             | "         | "          | "       | "       |                                  |
|          | 06:50    | 05,7        | 09,2       | 137      | 132      | 9,9         | 126      | 4000              | "             | "         | "          | "       | "       |                                  |
|          | 07:04    | 07,2        | 01,0       | 133      | 119      | 10,6        | 146      | 1200              | "             | "         | "          | "       | "       |                                  |
|          | 07:24    | 11,6        | 07,8       | 185      | 93       | 9,7         | 187      | 1000              | "             | "         | "          | "       | "       | PS-Tiefe falsch max Anp. ausgen  |
|          | 07:32    | 11,7        | 00,7       | 185      | 85       | 7,9         | 178      | 10000             | "             | "         | "          | "       | "       | min. 1000 500m/15                |
|          | 07:48    | 13,7        | 01,0       | 183      | 131      | 6,7         | 184      | 10000             | "             | "         | "          | "       | "       | PS-Tiefe ok                      |
|          | 08:00    | 14,2        | 00,5       | 245      | 246      | 2,9         | 145      | 1000              | "             | 60        | "          | "       | "       |                                  |
|          | 08:30    | 17,4        | 57°59,4    | 232      | 244      | 2,7         | 774      | 300               | "             | "         | "          | "       | Viktor  |                                  |
|          | 08:46    | 19,0        | 57,2       | 183      | 184      | 3,3         | 116      | 900               | "             | "         | "          | "       | M. S.   | Deso off 08:57                   |
|          | 13:15    | 19,1        | 57,6       | 195      | 196      | 0,1         | 276      | 1100              | "             | "         | "          | "       | "       | Hope von 01/15/97/45             |
|          | 13:23    | 63°18,2     | 57°58,3    | 235      | 282      | 1,5         | 340      | 1600              | "             | 0         | "          | "       | "       | Deso on                          |
|          | 13:30    | 14,13       | 58°00,8    | 181      | 193      | 8,1         | 340      | 1130              | "             | "         | "          | "       | Barbara |                                  |
|          | 13:45    | 15,33       | 59,96      | 217      | 225      | 9,3         | 39       | 846               | "             | "         | "          | "       | "       |                                  |
|          | 14:00    | 13,19       | 58°00,00   | 88       | 87,1     | 4,2         | 347      | 2940              | "             | "         | "          | "       | "       | TS ~ 10 m                        |
|          | 14:15    | 10,93       | 00,41      | 98       | 96       | 9,9         | 352      | 3260              | "             | "         | "          | "       | "       |                                  |
|          | 14:30    | 08,51       | 00,17      | 114      | 112      | 10          | 02       | 4542              | "             | "         | "          | "       | "       |                                  |
|          | 14:45    | 06,75       | 03,45      | 128      | 139      | 10,6        | 301      | 4045              | "             | "         | "          | "       | "       |                                  |
|          | 15:00    | 04,47       | 04,83      | 132      | 133      | 10,4        | 338      | 3310              | "             | "         | "          | 91      | "       | Tage Wechsel 14:56               |
|          | 15:15    | 01,90       | 09,41      | 174      | 172      | 9,6         | 341      | 2180              | "             | "         | "          | "       | "       |                                  |
|          | 15:30    | 62°59,29    | 12,15      | 214      | 213      | 10,9        | 336      | 4392              | "             | "         | "          | "       | "       |                                  |
|          | 15:45    | 56,67       | 14,29      | 346      | 348      | 9,0         | 343      | 3000              | "             | "         | "          | "       | "       | TORGE                            |
|          | 16:00    | 54,04       | 16,21      | 587      | 586      | 11,5        | 341      | 4000              | "             | "         | "          | "       | "       |                                  |
|          | 16:15    | 51,22       | 17,27      | 701      | 701      | 9,6         | 344      | 1600              | "             | "         | "          | "       | "       |                                  |
|          | 16:30    | 47,45       | 20,16      | 756      | 758      | 11,4        | 343      | 1150              | "             | "         | "          | "       | "       |                                  |
|          | 16:45    | 45,68       | 22,08      | 808      | 820      | 12,0        | 343      | 600               | "             | "         | "          | "       | "       |                                  |
|          | 17:00    | 42,81       | 24,22      | 1162     | 1164     | 12,4        | 340      | 300               | "             | "         | "          | "       | "       |                                  |
|          | 17:15    | 40,05       | 26,75      | 1652     | 1659     | 11,9        | 329      | 2000              | "             | "         | "          | "       | "       | ET = 30m                         |
|          | 17:30    | 37,31       | 28,93      | 1682     | 1670     | 11,8        | 341      | 2300              | "             | "         | "          | "       | "       | empfindl. Humpel mit austarieren |
|          | 17:45    | 34,55       | 31,01      | 1684     | 1695     | 11,9        | 340      | 3550              | "             | "         | "          | "       | "       | ET = 40m                         |
|          | 18:00    | 31,77       | 33,01      | 1680     | 1689     | 11,8        | 342      | 2800              | "             | "         | "          | "       | "       | Schlechte                        |
|          | 18:15    | 28,9        | 35,0       | 1591     | 1567     | 12,0        | 342      | 400               | "             | "         | "          | "       | Viktor  |                                  |
|          | 18:30    | 26,2        | 37,2       | 1464     | 1472     | 12,3        | 340      | 2000              | "             | "         | "          | "       | "       |                                  |
|          | 18:45    | 23,3        | 39,4       | 1187     | 1230     | 11,1        | 340      | 300               | "             | "         | "          | "       | "       |                                  |
|          | 19:00    | 20,6        | 41,7       | 441      | 449      | 11,3        | 344      | 1000              | "             | "         | "          | "       | "       |                                  |



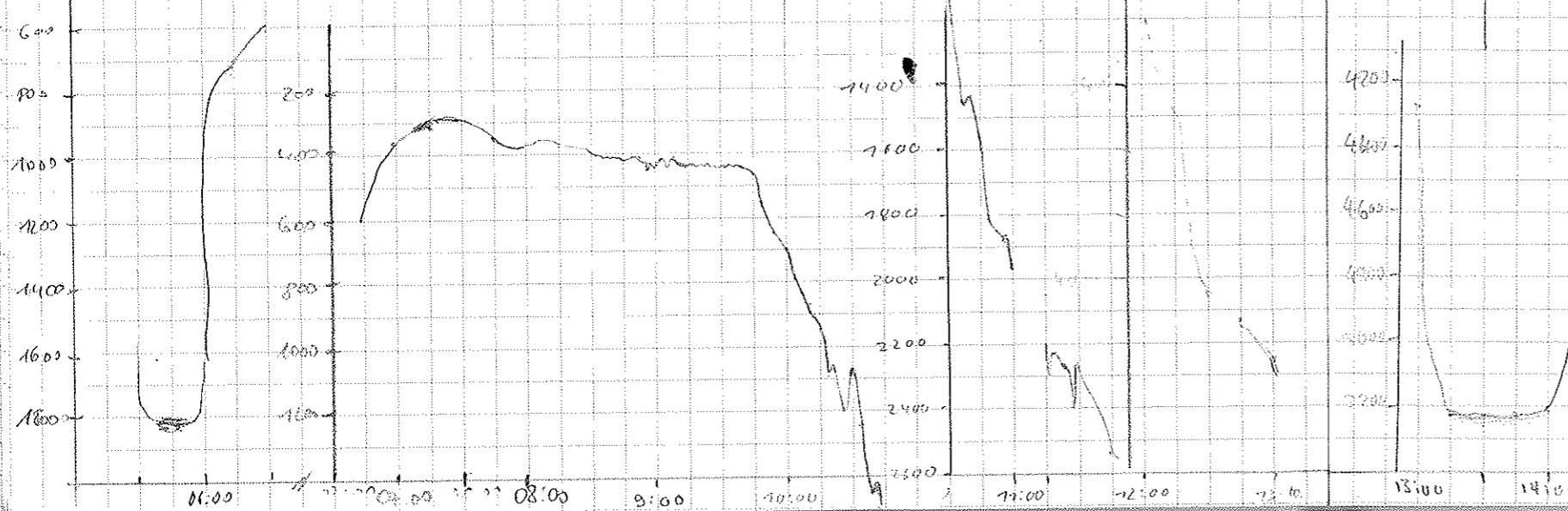


| Datum    | Zeit UTC | Breit [°N] | Länge [°W] | Tief [m] | Tiefe [m] | Geol. [km] | Kurs [°] | Max. Imp. [mV] | eg | Pulse | Record Length | Wait Time | Seis. off | Time [h] | Uhrzeit | Notes                   |
|----------|----------|------------|------------|----------|-----------|------------|----------|----------------|----|-------|---------------|-----------|-----------|----------|---------|-------------------------|
| 17/12/97 | 19:25    | 62° 18.7   | 58° 43.0   | 572      | 574       | 9.3        | 357      | 3000           | 1  | 2     | 286           | 0         | 15        | 91       | Vide    | Schiff liegt vor Jubany |
|          | :30      | 16.8       | 43.8       | 476      | 483       | 2.4        | 340      | 7300           | "  | "     | "             | 720       | "         | "        | "       |                         |
|          | 20:00    | 15.8       | 44.9       | 447      | 448       | 0.4        | 350      | 4000           | "  | "     | "             | "         | "         | "        | "       |                         |
|          | :30      | 16.1       | 44.2       | 452      | 455       | 0.7        | 281      | 2500           | "  | "     | "             | "         | "         | "        | "       |                         |
|          | 21:00    | 16.0       | 45.1       | 447      | 448       | 0.6        | 337      | 2500           | "  | "     | "             | "         | "         | "        | "       |                         |
|          | :30      | 16.0       | 45.3       | 456      | 459       | 1.5        | 159      | 1500           | "  | "     | "             | "         | "         | "        | "       |                         |
|          | 23:00    | 62° 16.9   | 58° 44.8   | 446      | 448       | 1.2        | 7.6      | 2900           | "  | "     | "             | 0         | "         | "        | "       |                         |
|          | :15      | 17.0       | 44.3       | 458      | 471       | 1.8        | 119      | 900            | "  | "     | "             | "         | "         | "        | "       |                         |
|          | :30      | 17.2       | 43.4       | 477      | 487       | 2.7        | 7.3      | 2500           | "  | "     | "             | "         | "         | "        | "       |                         |
|          | :45      | 17.4       | 42.3       | 478      | 480       | 2.0        | 7.8      | 2500           | "  | "     | "             | "         | "         | "        | "       |                         |
| 18/12/97 | 00:00    | 62° 19.6   | 58° 42.1   | 573      | 477       | 11.9       | 176      | 930            | "  | "     | "             | "         | "         | "        | "       | Postman                 |
|          | :15      | 19.8       | 36.8       | 577      | 576       | 11.0       | 76.5     | 900            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :30      | 19.3       | 31.1       | 582      | 589       | 12.0       | 79.2     | 650            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :45      | 18.7       | 24.4       | 1320     | 1327      | 11.8       | 78.9     | 450            | "  | "     | "             | "         | "         | 92       | "       | CO:38 TAPENECHEVAL      |
|          | 01:00    | 62° 18.7   | 58° 18.1   | 1352     | 1377      | 12.7       | 78.9     | 500            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :15      | 17.4       | 11.0       | 1155     | 1169      | 12.0       | 75.9     | 550            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :30      | 16.6       | 05.2       | 1743     | 1750      | 11.9       | 76.3     | 1280           | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :45      | 15.9       | 58.3       | 1730     | 1798      | 11.5       | 78.7     | 800            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | 02:00    | 62° 15.4   | 57° 52.4   | 1594     | 1614      | 12.0       | 80.1     | 700            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :15      | 14.8       | 41.6       | 1930     | 1917      | 11.7       | 79.8     | 1900           | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :30      | 14.3       | 30.7       | 1900     | 1989      | 11.8       | 78.2     | 1900           | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :45      | 13.7       | 24.3       | 1970     | 1980      | 11.6       | 76.2     | 2300           | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | 03:00    | 62° 12.9   | 57° 27.9   | 1958     | 1974      | 11.5       | 76.2     | 500            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :15      | 12.4       | 22.2       | 1670     | 1685      | 11.5       | 81.7     | 700            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :30      | 12.1       | 17.0       | 1389     | 1476      | 11.0       | 10.2     | 570            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :45      | 12.6       | 24.7       | 1219     | 1229      | 10.4       | 245      | 300            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | 11:01    | 62° 12.6   | 57° 24.7   | 1219     | 1229      | 10.4       | 245      | 300            | "  | "     | "             | "         | "         | "        | "       | "                       |
|          | :15      | 13.7       | 24.7       | -        | 1892      | 6.7        | 238      | 254            | "  | "     | "             | "         | "         | "        | "       | "                       |
| :30      | 62° 15.2 | 29.9       | 1942       | 2002     | 10.5      | 236        | 2060     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| :45      | 16.6     | 34.6       | 1948       | 2007     | 10.2      | 250        | 2195     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| 12:00    | 62° 16.6 | 57° 25.1   | 1948       | 2007     | 10.1      | 170        | 3700     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| :15      | 16.6     | 25.1       | 1948       | 2007     | 10.1      | 170        | 3700     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| 15:59    | 62° 16.4 | 57° 32.8   | 1957       | 2009     | 9.8       | 52         | 3000     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| 16:00    | 15.8     | 37.2       | 1955       | 2008     | 9.6       | 52         | 3000     | "              | "  | "     | "             | "         | "         | "        | "       |                         |
| :15      | 14.4     | 27.0       | 1984       | 1992     | 9.7       | 60.5       | 950      | "              | "  | "     | "             | "         | "         | "        | "       |                         |

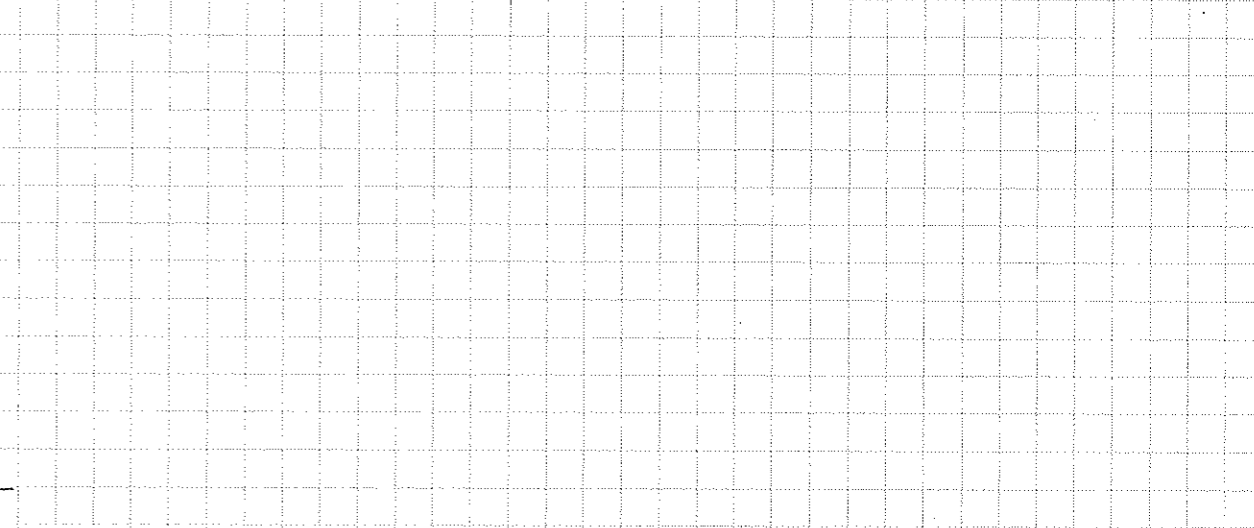
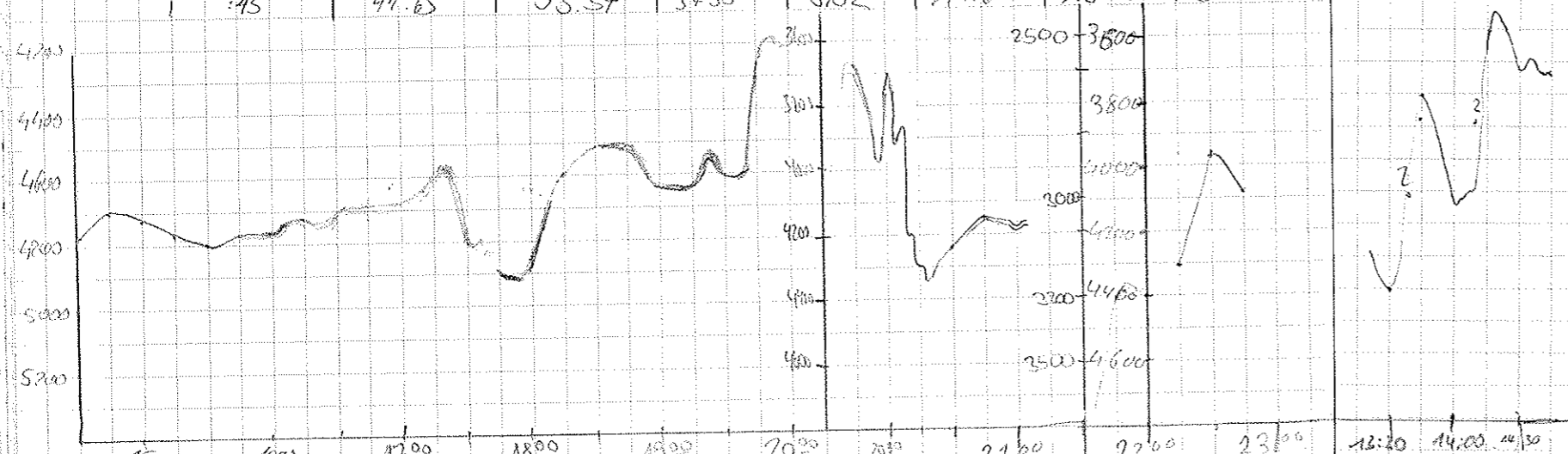


Station PS47084  
 alles abgedreht (Dico, Topo, Tacho, Osmo...)  
 Sound clock - 120...  
 Alles wieder on  
 um 55 Station -> Rec off  
 alles off, PS47086  
 Stations Ende, wieder alles ON  
 MARKUS

| Datum    | Zeit [UTC] | Breit. [°S] | Lang. [°W] | Tiefe PS [m] | Tiefe HS [m] | Geschw [km] | Krus [L] | Max Amph [mV] | Rechn | Phase | Recess Length | Unit Time | DeSO Rolle | Tape Nr. | Wichte | Bemerkungen                                       |
|----------|------------|-------------|------------|--------------|--------------|-------------|----------|---------------|-------|-------|---------------|-----------|------------|----------|--------|---|
| 18/12/97 | 16:30      | 62°13', 1   | 57°22,5    | 1290,0       | 1243,2       | 9,5         | 59,5     | 290           | 1     | 2     | 266           | 0         | 15         | 92       | MARKUS |   |
|          | 16:45      | 12,0        | 18,7       | 1259,0       | 1284,0       | 5,3         | 53,7     | 800           |       |       |               |           |            |          |        |   |
|          | 16:52      | 11,7        | 18,0       | 1249,6       | 1237,0       |             | 64,4     | 600           |       |       |               |           |            |          |        | STATION 97087 → Rec off (16:55)                   |
|          |            | 17:05,1     | 11,5       |              |              |             |          |               |       |       |               |           |            |          |        |   |
| 19/12/97 | 05:25      | 62°09,8     | 57°14,9    | 1555         | 1570         | 10,2        | 34,2     | 700           |       |       |               |           |            |          | MARKUS | STATIONSENDE P142087                              |
|          | 05:45      | 62°07,2     | 57°11,0    | 1790         | 1798         | 10,4        | 32,7     | 3500          |       |       |               |           |            |          |        | ET ~ 20m  |
|          | 06:00      | 62°05,1     | 57°08,7    | 1622         | 1655         | 10,5        | 20,4     | 320           |       |       |               |           |            |          |        |   |
|          | 06:15      | 62°02,4     | 57°06,0    | 722          | 723          | 10,5        | 32,6     | 2425          |       |       |               |           |            |          |        |   |
|          | 06:30      | 62°00,4     | 57°03,1    | 532          | 590          | 11,2        | 32,0     | 1400          |       |       |               |           |            |          |        |   |
|          | 06:45      | 61°58,9     | 57°04,5    | 376          | 377          | 9,8         | 33,4     | 3800          |       |       |               |           |            |          |        |   |
|          | 07:00      | 61°55,8     | 57°06,1    | 289          | 289          | 9,2         | 34,0     | 2100          |       |       |               |           |            |          |        |   |
|          | 07:15      | 61°53,8     | 57°07,4    | 291          | 292          | 9,2         | 34,1     | 10000         |       |       |               |           |            |          |        |   |
|          | 07:30      | 61°51,4     | 57°09,5    | 289          | 289          | 9,9         | 33,8     | 3300          |       |       |               |           |            |          |        |   |
|          | 07:45      | 61°49,3     | 57°11,4    | 328          | 334          | 9,9         | 33,4     | 3200          |       |       |               |           |            |          |        |   |
|          | 08:00      | 61°47,0     | 57°13,7    | 326          | 327          | 9,7         | 33,0     | 5400          |       |       |               |           |            |          |        |   |
|          | 08:15      | 61°44,6     | 57°16,2    | 329          | 329          | 9,8         | 33,2     | 5300          |       |       |               |           |            | 93       |        | TAPESCHWEL  |
|          | 08:30      | 42,3        | 78,8       | 403          | 403          | 10,2        | 33,2     | 6000          |       |       |               |           |            |          |        |   |
|          | 08:45      | 40,0        | 27,3       | 477          | 477          | 10,0        | 33,2     | 2000          |       |       |               |           |            |          |        |   |
|          | 09:00      | 37,9        | 23,6       | 430          | 431          | 9,8         | 33,3     | 8000          |       |       |               |           |            |          |        |   |
|          | 09:15      | 35,7        | 26,0       | 426          | 426          | 9,7         | 33,2     | 4000          |       |       |               |           |            |          |        |   |
|          | 09:30      | 33,5        | 28,4       | 438          | 440          | 9,8         | 33,2     | 2500          |       |       |               |           |            |          |        |   |
|          | 09:45      | 31,4        | 30,7       | 462          | 460          | 9,4         | 33,2     | 3000          |       |       |               |           |            |          |        |   |
|          | 10:00      | 29,3        | 33,2       | 704          | 705          | 9,6         | 33,6     | 2000          |       |       |               |           |            |          |        |   |
|          | 10:15      | 27,0        | 35,5       | 927          | 936          | 10,7        | 33,2     | 7500          |       |       |               |           |            |          |        |   |
|          | 10:30      | 24,7        | 37,8       | 7085         | 7091         | 9,9         | 33,3     | 7000          |       |       |               |           |            |          |        |   |
|          | 10:45      | 22,7        | 40,2       | 7587         | 7588         | 9,4         | 33,2     | 400           |       |       |               |           |            |          |        |   |
|          | 11:00      | 20,7        | 42,4       | 7987         | 7986         | 9,7         | 33,2     | 400           |       |       |               |           |            |          |        |   |
|          | 11:15      | 18,4        | 45,0       | 2704         | 2716         | 10,9        | 33,7     | 300           |       |       |               |           |            |          |        | 77:09 Tiefe Luft mit St einstellen<br>PS-Neustart |
|          | 11:30      | 16,2        | 47,9       | 2279         | 2286         | 11,0        | 33,3     | 7200          |       |       |               |           |            |          |        |   |
|          | 11:45      | 13,7        | 50,5       | 2534         | 2544         | 10,4        | 33,2     | 900           |       |       |               |           |            |          |        |   |
|          | 12:00      | 11,7        | 53,0       | 2724         | 2727         | 8,5         | 33,4     | 450           |       |       |               |           |            |          |        |   |
|          | 12:15      | 09,8        | 55,5       | 3482         | 3508         | 11,1        | 33,3     | 400           |       |       |               |           |            |          |        |   |
|          | 12:30      | 05,1        | 59,2       | 4054         | 4060         | 10,3        | 33,3     | 600           |       |       |               |           |            |          |        |   |
|          | 12:46      | 61°03,7     | 58°00,5    | 4128         | 4135         | 11,6        | 35,0     | 900           |       |       |               |           |            |          |        |   |
|          | 13:00      | 01,5        | 01,3       | 4281         | 4342         | 11,7        | 35,1     | 1300          |       |       |               |           |            |          |        |   |
|          | 13:15      | 60°58,5     | 02,4       | 5219         | 5227         | 11,5        | 35,0     | 800           |       |       |               |           |            |          |        | PS=1000 m Pulsa, PS-Tiefe etc.                    |
|          | 13:30      | 55,7        | 03,4       | 5220         | 5240         | 11,2        | 35,0     | 1643          |       |       |               |           |            |          |        |   |
|          | 13:45      | 53,8        | 04,4       | 5228         | 5245         | 10,8        | 34,8     | 926           |       |       |               |           |            | 94       |        | Tapewechsel<br>ET ~ 40m                           |
|          | 14:00      | 51,3        | 06,9       | 5004         | 5029         | 9,8         | 26,5     | 250           |       |       |               |           |            |          |        |   |
|          | 14:15      | 51,6        | 12,3       | 4865         | 4892         | 10,7        | 26,5     | 350           |       |       |               |           |            |          |        |   |



| Datum    | Zeit UTC | Breite [°S] | Länge [°E] | Tiefe [m] | Tiefe [m] | Geol. [Chn] | Kurs [°] | Max. Temp. [°C] | Temp. [°C] | Wind | Wind | Wind | Wind | Wind | Wind  | Wind    | Wind | Wind | Wind      |                                |           |
|----------|----------|-------------|------------|-----------|-----------|-------------|----------|-----------------|------------|------|------|------|------|------|-------|---------|------|------|-----------|--------------------------------|-----------|
| 19/12/97 | 14:30    | 60°51.82    | 58°17.65   | 4122      | 4784      | 10.5        | 266      | 300             | 4          | 2    | 266  | 0    | 15   | 94   | TORGE |         |      |      |           |                                |           |
|          | 45       | 52.09       | 23.04      | 4705      | 4728      | 10.6        | 265      | 460             |            |      |      |      |      |      |       |         |      |      | ETA below |                                |           |
|          | 15:00    | 52.56       | 28.36      | 4723      | 4743      | 10.3        | 265      | 450             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 15       | 52.77       | 33.56      | 4772      | 4798      | 10.5        | 252      | 370             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 53.61       | 38.69      | 4803      | 4821      | 10.9        | 250      | 650             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 54.46       | 43.86      | 4770      | 4795      | 10.5        | 250      | 950             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 16:00    | 55.29       | 48.97      | 4773      | 4796      | 10.3        | 252      | 900             |            |      |      |      |      |      |       |         |      |      |           | 16.11 : Storage of Paracoustic |           |
|          | 15       | 56.12       | 54.09      | 4720      | 4745      | 9.4         | 251      | 600             |            |      |      |      |      |      | 95    | Tellina |      |      |           | Tapewechsel: 94→95             |           |
|          | 30       | 56.95       | 59.21      | 4696      | 4734      | 10.6        | 251      | 360             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 57.73       | 59°03.97   | 4687      | 4716      | 10.3        | 252      | 800             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 17:00    | 58.56       | 09.10      | 4673      | 4699      | 10.3        | 250      | 500             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 15       | 59.36       | 14.02      | 4578      | 4603      | 10.9        | 250      | 500             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 60°00.16    | 18.92      | 4808      | 4826      | 9.9         | 250      | 500             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 61°00.99    | 23.92      | 4900      | 4919      | 9.9         | 249      | 4000            |            |      |      |      |      |      |       |         |      |      |           |                                | ET ~ 15 m |
|          | 18:00    | 01.75       | 28.76      | 4828      | 4869      | 10.0        | 251      | 300             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 15       | 00.77       | 22.34      | 4602      | 4612      | 10.8        | 337      | 850             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 60°58.54    | 31.52      | 4510      | 4521      | 10.9        | 37.5     | 300             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 56.34       | 28.17      | 4510      | 4521      | 10.9        | 39.5     | 400             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 19:00    | 54.17       | 24.69      | 4627      | 4637      | 11.3        | 40.1     | 1000            |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 15       | 52.05       | 21.20      | 4576      | 4623      | 11.3        | 38.3     | 450             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 47.82       | 17.67      | 4577      | 4616      | 11.5        | 39.8     | 1000            |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 47.57       | 14.14      | 4284      | 4371      | 11.5        | 38.3     | 600             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 20:00    | 45.39       | 10.61      | 4137      | 4257      | 11.2        | 36.0     | 800             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 15       | 43.19    | 07.15       | 3611       | 3718      | 11.2      | 40.1        | 200      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 30       | 41.0     | 03.7        | -          | 3701      | 11.3      | 39.7        | 300      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 45       | 38.8     | 00.2        | 4042       | 4290      | 11.4      | 37.8        | 200      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 21:00    | 36.6     | 58°56.7     | 4271       | 4328      | 10.9      | 36.5        | 500      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 15       | 34.5     | 53.4        | 4143       | 4158      | 10.9      | 35.5        | 1500     |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 30       | 32.4     | 50.1        | 4165       | 4183      | 10.5      | 36.4        | 1500     |                 |            |      |      |      |      | 96   |       |         |      |      |           |                                |           |
| 45       | 30.2     | 46.6        | 3378       | 3373      | 10.7      | 34.6        | 283      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 22:00    | 27.9     | 43.0        | 3795       | 3750      | 11.1      | 40.0        | 251      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 15       | 26.0     | 43.8        | 6468       | 4300      | 10.8      | 37.2        | 498      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 30       | 24.3     | 47.9        | 4167       | 3950      | 10.8      | 37.2        | 357      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 45       | 23.7     | 49.3        | 4168       | 4188      |           |             | 835      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 20/12/97 | 13:20    | 60°26.3     | 58°50.6    | 4208      | 4208      | 4.5         | 187.4    | 300             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 60°27.6     | 58°50.6    | 4187      | 4459      | 11.0        | 187.5    | 450             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 45       | 30.45       | 51.25      | 3883      | 3918      | 11.4        | 185      | 400             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 14:00    | 35.19       | 51.77      | 4162      | 4177      | 11.5        | 186      | 700             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 15       | 35.99       | 52.38      | 3558      | 3709      | 11.4        | 186.3    | 300             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
|          | 30       | 38.76       | 52.97      | 3663      | 3667      | 11.9        | 185.1    | 400             |            |      |      |      |      |      |       |         |      |      |           |                                |           |
| 45       | 41.65    | 53.57       | 3733       | 3752      | 11.6      | 185.7       | 350      |                 |            |      |      |      |      |      |       |         |      |      |           |                                |           |



16.11 : Storage of Paracoustic

ET ~ 15 m

kaum Signale in Spil Paracoustic, Bad fische Warte, zu stark

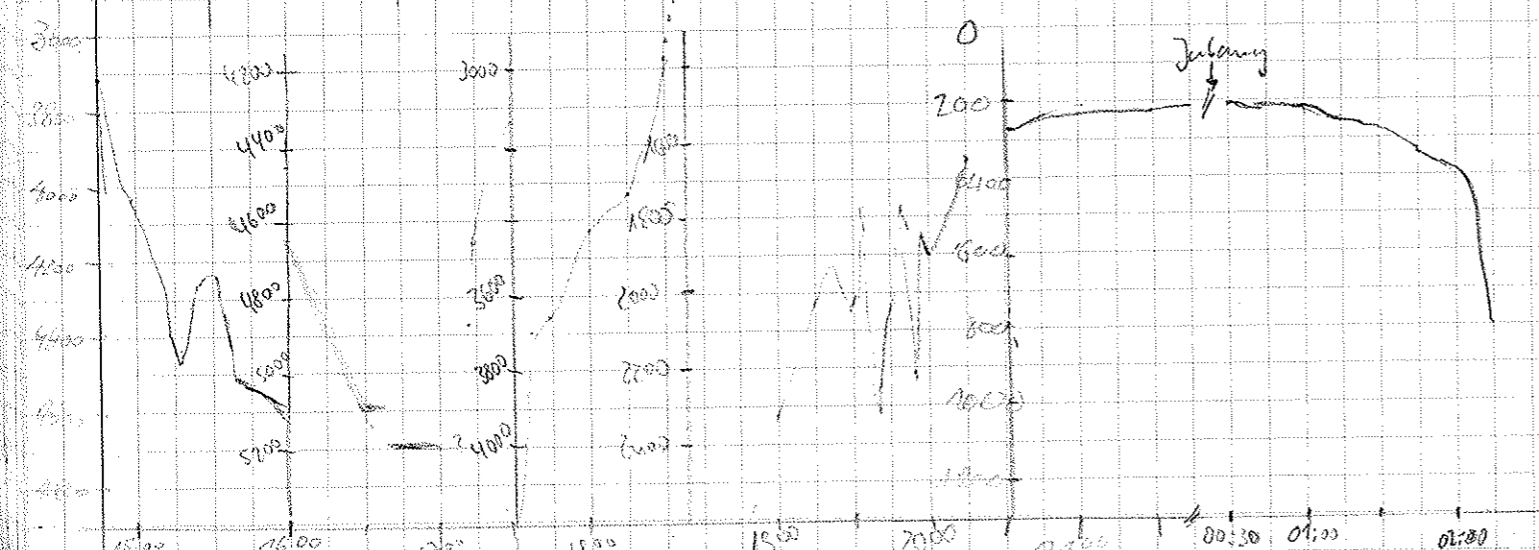
ET ~ 25 m Tapewechsel 21:22

Skilhang

Beginn Station Rec off

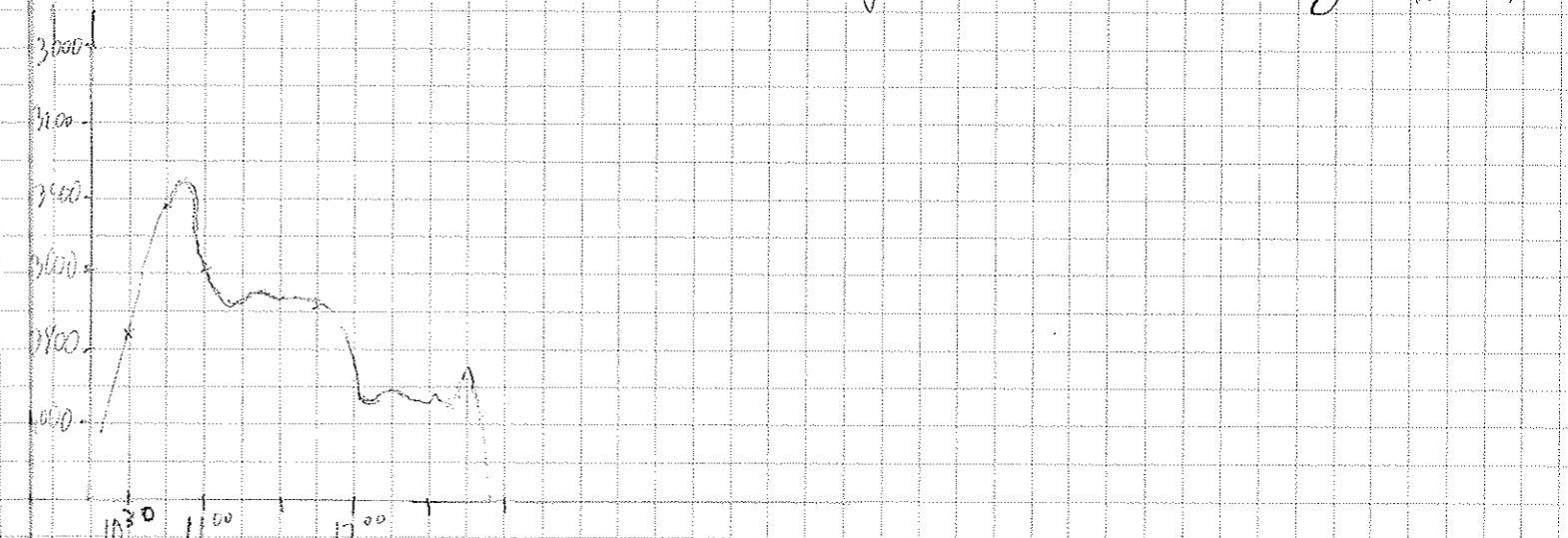
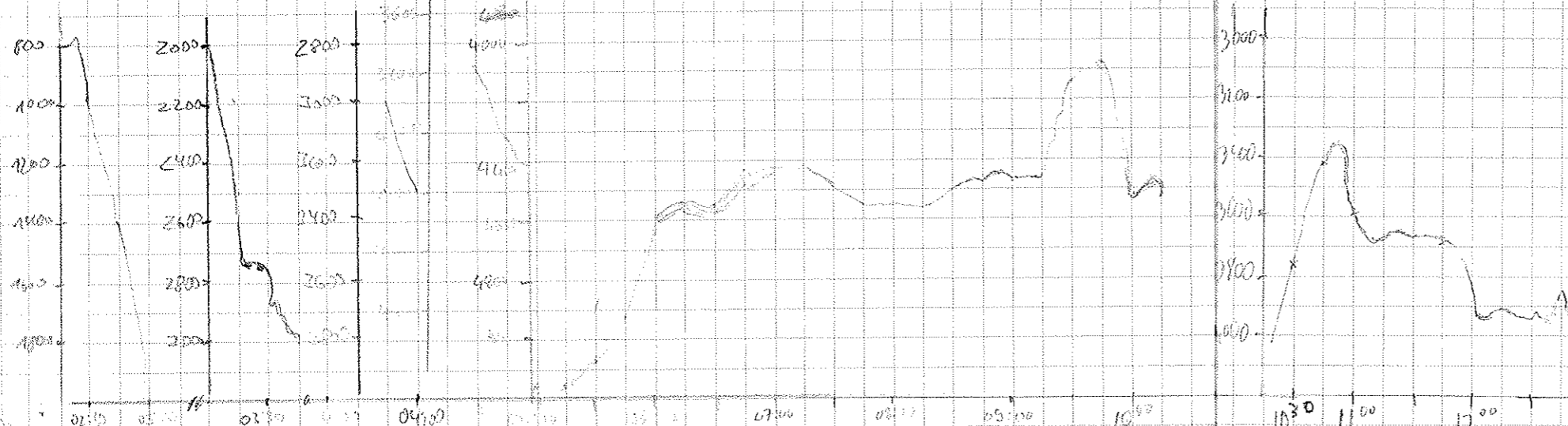
STATION END

| Datum    | Zeit UTC | BREITE [°] | LÄNGE [°] | TIEFE Ps | TIEFE Ms | Geol. [km] | Kurs [°] | Doc. Imp. [km/h] | Temp | Dir | Recond Layll | Zeit Time | Doc. Rolle | Tape lb | Wach    | Beobachtung |                            |
|----------|----------|------------|-----------|----------|----------|------------|----------|------------------|------|-----|--------------|-----------|------------|---------|---------|-------------|----------------------------|
| 29/12/97 | 15:00    | 60°44.52   | 58°54.17  | 4022     | 4132     | 11.3       | 186.1    | 300              |      | 2   | 266          | 0         | 15         | 96      | Marinus |             |                            |
|          | 15:15    | 47.27      | 54.73     | 4425     | 4445     | 10.9       | 186.3    | 800              |      |     |              |           |            |         |         |             |                            |
|          | 15:30    | 50.05      | 55.83     | 4223     | 4253     | 11.3       | 187.0    | 600              |      |     |              |           |            |         |         |             |                            |
|          | 15:45    | 52.82      | 55.97     | 4543     | 4561     | 11.1       | 184.8    | 550              |      |     |              |           |            |         |         |             |                            |
|          | 16:00    | 55.58      | 56.48     | 4650     | 4670     | 11.0       | 187.5    | 800              |      |     |              |           |            |         |         |             |                            |
|          | 16:15    | 58.35      | 57.07     | 4887     | 4912     | 10.8       | 185      | 900              |      |     |              |           |            |         |         |             | ADIOS POLARSTERN!          |
|          | 16:30    | 61°01.22   | 57.68     | 5093     | 5222     | 11.4       | 187      | 4000             |      |     |              |           |            |         |         |             | Et ~ 20m PS-Neustart 16:41 |
|          | 16:45    | 04.10      | 58.29     | 5705     | 5222     | 11.0       | 186      | 3000             |      |     |              |           |            |         |         |             |                            |
|          | 17:00    | 06.54      | 58.80     | 8210     | 5229     | 10.8       | 186      | 1200             |      |     |              |           |            |         |         |             |                            |
|          | 17:15    | 09.53      | 59.4      | 4568     | 4652     | 11.2       | 185      | 400              |      |     |              |           |            | 97      |         |             | Tapewechsel 96 → 97        |
|          | 17:30    | 12.06      | 59.92     | 4320     | 4347     | 10.7       | 185      | 800              |      |     |              |           |            |         |         |             |                            |
|          | 17:45    | 14.66      | 59°00.53  | 3666     | 3696     | 10.8       | 185      | 600              |      |     |              |           |            |         |         |             |                            |
|          | 18:00    | 17.4       | 01.13     | 3422     | 3440     | 10.9       | 186      | 380              |      |     |              |           |            |         |         |             |                            |
|          | 18:15    | 20.1       | 01.7      | 3318     | 3323     | 11.0       | 187      | 700              |      |     |              |           |            |         |         |             |                            |
|          | 18:30    | 22.9       | 02.2      | 2889     | 3039     | 10.8       | 185      | 560              |      |     |              |           |            |         |         |             |                            |
|          | 18:45    | 25.6       | 01.8      | 2674     | 2640     | 11.3       | 160      | 200              |      |     |              |           |            |         |         |             |                            |
|          | 19:00    | 27.9       | 58°58.8   | 2320     | 2335     | 11.8       | 139      | 600              |      |     |              |           |            |         |         |             |                            |
|          | 19:15    | 29.6       | 55.4      | 2038     | 2072     | 11.5       | 180      | 270              |      |     |              |           |            |         |         |             |                            |
|          | 19:30    | 30.0       | 52.3      | 2040     | 2062     | 10.5       | 323      | 400              |      |     |              |           |            |         |         |             |                            |
|          | 19:45    | 29.8       | 58.8      | 2121     | 2050     | 11.0       | 162      | 100              |      |     |              |           |            |         |         |             |                            |
|          | 20:00    | 31.7       | 55.8      | 2002     | 2024     | 11.8       | 144      | 280              |      |     |              |           |            |         |         |             |                            |
|          | 20:15    | 34.5       | 55.5      | 1607     | 1637     | 10.4       | 180      | 273              |      |     |              |           |            |         |         |             |                            |
|          | 20:30    | 37.1       | 55.4      | 823      | 836      | 11.2       | 180      | 1073             |      |     |              |           |            |         |         |             |                            |
|          | 20:45    | 40.1       | 55.4      | 453      | 454      | 11.2       | 180      | 1055             |      |     |              |           |            |         |         |             |                            |
| 21:00    | 43.1     | 55.6       | 348       | 347      | 11.2     | 182        | 1762     |                  |      |     |              |           |            |         |         |             |                            |
| 21:15    | 45.5     | 55.8       | 297       | 297      | 11.5     | 180        | 2877     |                  |      |     |              |           |            |         |         |             |                            |
| 21:30    | 48.3     | 55.8       | 981       | 278      | 11.3     | 180        | 2810     |                  |      |     |              |           |            |         |         |             |                            |
| 21:45    | 51.0     | 55.8       | 248       | 249      | 10.3     | 161        | 1996     |                  |      |     |              |           |            |         |         |             |                            |
| 22:00    | 53.0     | 55.8       | 221       | 221      | 10.6     | 187        | 1332     |                  |      |     |              |           |            |         |         |             |                            |
| 22:15    | 56.6     | 55.8       | 211       | 212      | 11.6     | 180        | 2915     |                  |      |     |              |           |            |         |         |             |                            |
| 22:30    | 58.2     | 55.8       | 222       | 223      | 4.7      | 175        | 1220     |                  |      |     |              |           |            |         |         |             |                            |
| 22:42    | 56.6     | 55.7       | 213       | 213      | 0.2      | 193        | 1990     |                  |      |     |              |           |            |         |         |             |                            |
| 29/12/97 | 00:35    | 61°58.1    | 58°54.2   | 239      | 240      | 8.0        | 330      | 2100             |      |     |              |           |            |         |         |             |                            |
|          | 01:15    | 61°56.8    | 58°57.1   | 215      | 215      | 11.4       | 329      | 300              |      |     |              |           |            |         |         |             |                            |
|          | 01:00    | 61°54.2    | 58°54.5   | 215      | 208      | 11.3       | 339      | 1000             |      |     |              |           |            |         |         |             |                            |
|          | 01:15    | 61°51.6    | 58°50.5   | 245      | 241      | 11.2       | 290      | 2400             |      |     |              |           |            |         |         |             |                            |
|          | 01:30    | 61°48.9    | 59°01.7   | 281      | 281      | 11.2       | 341      | 4500             |      |     |              |           |            |         |         |             |                            |
|          | 01:45    | 61°46.4    | 59°03.6   | 324      | 322      | 10.4       | 334      | 3000             |      |     |              |           |            |         |         |             |                            |
|          | 02:00    | 61°43.8    | 59°05.6   | 382      | 382      | 10.3       | 340      | 1000             |      |     |              |           |            |         |         |             |                            |
| 02:15    | 61°42.4  | 59°09.6    | 207       | 203      | 8.8      | 346        | 590      |                  |      |     |              |           |            |         |         |             |                            |

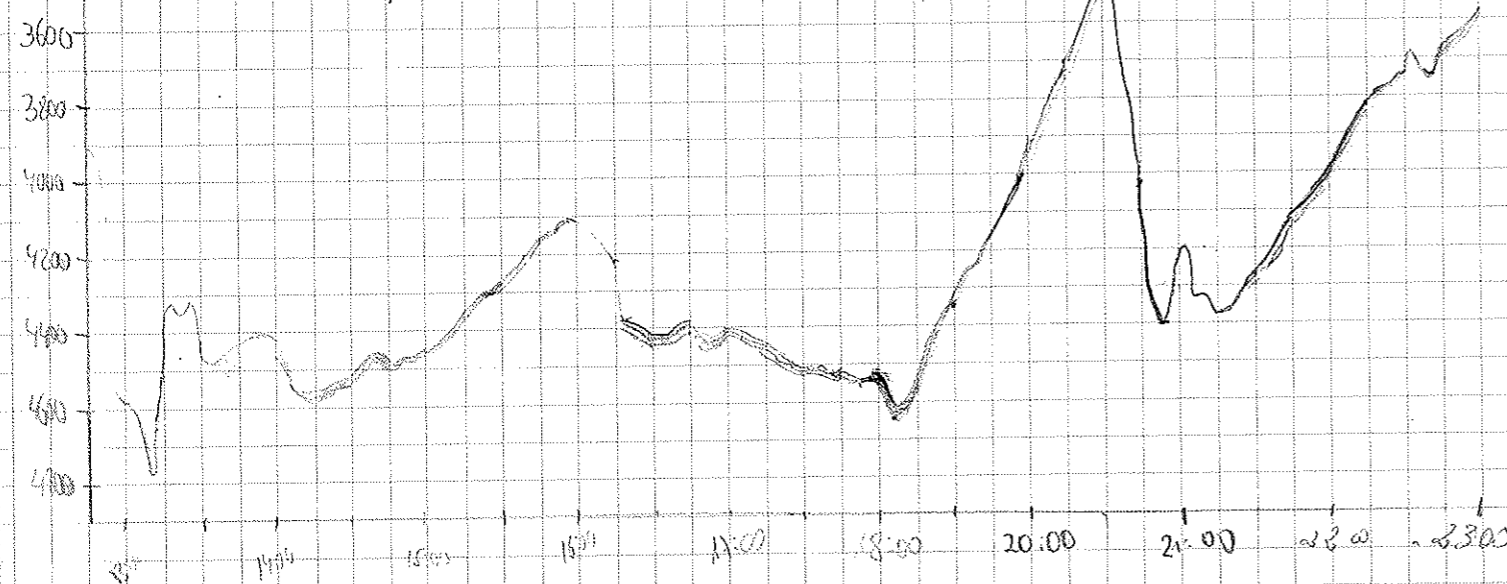


Beginn Station - Rec-Off  
 January King-George-Island  
 Station start

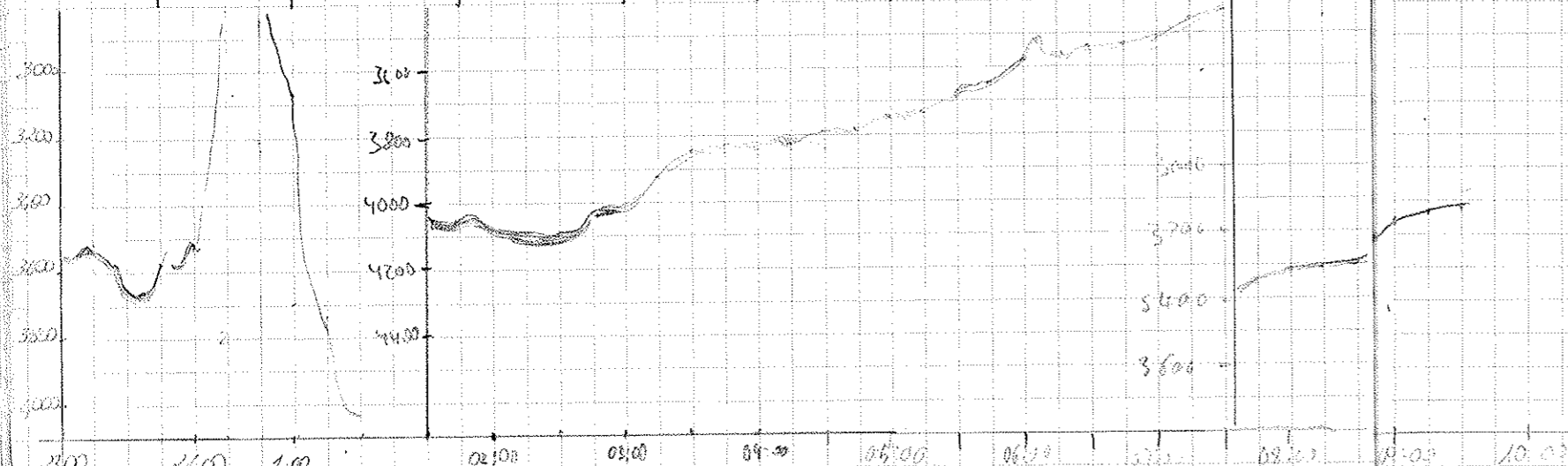
| Datum     | Zeit<br>UTC | BREITE<br>[°S] | LÄNGE<br>[°W] | TIEFE<br>PS | TIEFE<br>HS | GESCHW<br>[km/s] | KURS<br>[°] | MAX AMPL<br>[mV] | FREQ | PULSE | RECORD<br>LENGTH | WAVE<br>TIME | DESO<br>ROLLS | TAPE<br>NO | WACHE   | BEMERKUNG  |
|-----------|-------------|----------------|---------------|-------------|-------------|------------------|-------------|------------------|------|-------|------------------|--------------|---------------|------------|---------|--|
| 27.11.197 | 02:30       | 61°38.2        | 59°03.1       | 968         | 959         | 10.4             | 340         | 410              | 4    | 2     | 266              | 0            | 15            | 97         | Bordman |  |
|           | :45         | 61°36.5        | 59°07.3       | 1424        | 1420        | 11.0             | 337         | 330              | "    | "     | "                | "            | "             | "          | "       | steiler Abhang                                   |
|           | 03:00       | 61°35.8        | 59°13.5       | 2104        | 2202        | 11.1             | 340         | 500              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :15         | 61°34.2        | 59°15.5       | 2577        | 2572        | 10.7             | 339.7       | 700              | "    | "     | "                | "            | "             | "          | "       | TAPE WECHSEL                                     |
|           | :30         | 61°28.7        | 59°17.4       | 2756        | 2766        | 11.0             | 340         | 600              | "    | "     | "                | "            | "             | 98         | "       | "  |
|           | :45         | 61°28.2        | 59°19.4       | 2964        | 2983        | 10.4             | 338         | 300              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | 04:00       | 61°22.8        | 59°21.3       | 3357        | 3366        | 11.1             | 339         | 300              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :15         | 21.0           | 23.5          | 3649        | 3680        | 11.9             | 340         | 900              | "    | "     | "                | "            | "             | 99         | Udberg  | Table geht nicht, Unklarheit PARADISE            |
|           | :30         | 18.6           | 25.4          | 3782        | 3822        | 11.1             | 340         | 300              | "    | "     | "                | "            | "             | "          | "       | O.k., mit Temperatur                             |
|           | :45         | 16.8           | 26.8          | 4016        | 4050        | 10.7             | 338         | 400              | "    | "     | "                | "            | "             | "          | "       | PS-Tiefe unklar (PS 1100m)                       |
|           | 05:00       | 13.6           | 29.3          | -           | 4221        | 11.2             | 340         | 700              | "    | "     | "                | "            | "             | "          | "       | ca. 1100m  |
|           | :15         | 11.1           | 31.4          | 5178        | 5190        | 11.0             | 339         | 5000             | "    | "     | "                | "            | "             | "          | "       | ET = 30m, platt                                  |
|           | :30         | 08.1           | 33.8          | 5079        | 5135        | 10.4             | 339         | 300              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :45         | 05.7           | 34.8          | 4903        | 4927        | 11.0             | 335         | 500              | "    | "     | "                | "            | "             | "          | "       | 05:50 Dicht 15 → 16                              |
|           | 06:00       | 02.5           | 35.3          | 4580        | 4599        | 11.3             | 331         | 180              | "    | "     | "                | "            | 16            | "          | "       | Keine PS-Tiefe mehr an PARADISE!                 |
|           | :15         | 00.4           | 36.3          | 4587        | 4560        | 10.7             | 332         | 300              | "    | "     | "                | "            | "             | "          | "       | PS-Konstant 06107, 0613 o.k.                     |
|           | :30         | 60°57.6        | 59°39.1       | 4534        | 4542        | 11.0             | 331         | 300              | "    | "     | "                | "            | "             | "          | "       | Keine PS!  |
|           | :45         | 54.9           | 36.5          | 4418        | 4442        | 11.3             | 33          | 1110             | "    | "     | "                | "            | "             | "          | "       | "  |
|           | 07:00       | 52.8           | 33.1          | 4418        | 4436        | 11.8             | 38          | 400              | "    | "     | "                | "            | "             | "          | "       | ET = 50m   |
|           | :15         | 50.6           | 29.4          | 4413        | 4433        | 11.3             | 38          | 500              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :30         | 48.3           | 25.8          | 4449        | 4518        | 11.2             | 38          | 1300             | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :40         | 46.9           | 23.5          | 4535        | 4580        | 11.5             | 39          | 270              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | 08:02       | 43.6           | 18.1          | 4552        | 4573        | 11.3             | 38          | 400              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :17         | 41.4           | 14.5          | 4572        | 4594        | 11.6             | 38          | 500              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :33         | 39.4           | 11.3          | 4500        | 4523        | 11.5             | 39          | 500              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :45         | 38.2           | 9.3           | 4480        | 4486        | 11.6             | 38          | 500              | "    | "     | "                | "            | "             | "          | "       | Viel   |
|           | 09:00       | 36.0           | 5.7           | 4474        | 4482        | 8.5              | 30          | 2400             | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :15         | 34.0           | 3.8           | 4371        | 4384        | 7.9              | 37          | 750              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :30         | 33.3           | 1.4           | 4247        | 4256        | 7.0              | 35          | 500              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :45         | 31.6           | 58°57.6       | 4082        | 4085        | 7.8              | 38          | 300              | "    | "     | "                | "            | "             | "          | "       | PS findet die Tiefe nicht richtig                |
|           | 10:00       | 29.2           | 54.6          | 4537        | 4548        | 7.7              | 38          | 1500             | "    | "     | "                | "            | "             | 100        | "       | Temperatur                                       |
|           | :15         | 60°28.62       | 58°51.25      | 4523        | 4543        | 11.6             | 160         | 2332             | "    | "     | "                | "            | "             | "          | Central | ET = 30m, gutes Signal!                          |
|           | :30         | 31.13          | 48.75         | 3774        | 3853        | 11.6             | 151         | 256              | "    | "     | "                | "            | "             | "          | "       | Der Radiogummi ist weg (vermutlich entweckt!)    |
|           | :45         | 33.71          | 45.00         | 3410        | 3457        | 11.5             | 152         | 296              | "    | "     | "                | "            | "             | "          | "       | - Fred half mit einer neuen ans.                 |
|           | 11:00       | 35.88          | 47.25         | 3587        | 3600        | 10.7             | 217         | 204              | "    | "     | "                | "            | "             | "          | "       | schlechtes Signal!                               |
|           | :15         | 37.93          | 50.60         | 3652        | 3675        | 10.8             | 217         | 482              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :30         | 40.11          | 53.97         | 3656        | 3690        | 11.1             | 218         | 422              | "    | "     | "                | "            | "             | "          | "       | ET = 110m, Signal besser                         |
|           | :45         | 42.30          | 57.40         | 3680        | 3697        | 11.3             | 219         | 333              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | 12:00       | 44.40          | 00.47         | 3818        | 3867        | 10.8             | 219         | 241              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :15         | 46.5           | 59°04.2       | 3913        | 3943        | 11.0             | 219         | 450              | "    | "     | "                | "            | "             | "          | "       | Soll   |
|           | :30         | 48.7           | 07.6          | 3963        | 3990        | 11.1             | 218         | 230              | "    | "     | "                | "            | "             | "          | "       | "  |
|           | :45         | 50.9           | 11.0          | 3897        | 3919        | 10.6             | 218         | 200              | "    | "     | "                | "            | "             | "          | "       | fahen parallel zum steilen Hang, diffuses Signal |



| DATUM    | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS [m] | TIEFE HS [m] | SCHNITT. [km] | KURZ [°] | MAX AMPL. [mV] | RECK | PULSE | RECORD LENGTH | WAST TIME | DESO ROLLE | TAPE No | WACHE   | BEMERKUNGEN                          |
|----------|----------|-------------|------------|--------------|--------------|---------------|----------|----------------|------|-------|---------------|-----------|------------|---------|---------|--------------------------------------|
| 21/12/97 | 13:00    | 60° 53.0    | 59° 14.4   | 4576         | 4593         | 10.9          | 218      | 1500           | 4    | 2     | 266           | 0         | 16         | 100     | Joen    | 13:06 Kurzwchsel auf neue Profilline |
|          | 13:15    | 53.7        | 13.5       | 4522         | 4552         | 11.3          | 74       | 700            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 13:30    | 52.8        | 07.9       | 4426         | 4457         | 11.9          | 72       | 700            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 13:45    | 51.8        | 02.1       | 4445         | 4465         | 11.9          | 71       | 600            | "    | "     | "             | "         | "          | "       | "       | ET ~ 50 m                            |
|          | 14:00    | 50.9        | 58° 56.3   | 4427         | 4459         | 12.2          | 71       | 300            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 14:15    | 49.9        | 50.5       | 4564         | 4580         | 12.0          | 77       | 1000           | "    | "     | "             | "         | "          | "       | Viola   |                                      |
|          | 14:30    | 48.9        | 44.9       | 4508         | 4531         | 12.6          | 77       | 750            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 14:45    | 48.0        | 39.7       | 4497         | 4520         | 12.7          | 73       | 1000           | "    | "     | "             | "         | "          | 107     | "       | Tapewechsel                          |
|          | 15:00    | 47.1        | 38.5       | 4452         | 4472         | 10.1          | 21       | 400            | "    | "     | "             | "         | "          | "       | Joen    | ET ~ 90 m, Kurzwchsel, neues Profil  |
|          | 15:15    | 44.7        | 35.8       | 4340         | 4356         | 11.2          | 335      | 1000           | "    | "     | "             | "         | "          | "       | Viola   |                                      |
|          | 15:30    | 42.2        | 38.2       | 4282         | 4300         | 11.4          | 336      | 1200           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 15:45    | 39.7        | 40.6       | 4171         | 4187         | 11.1          | 335      | 1000           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 16:00    | 40.1        | 41.1       | 4118         | 4143         | 11.2          | 218      | 300            | "    | "     | "             | "         | "          | "       | Ulrich  |                                      |
|          | 16:15    | 42.5        | 47.7       | 4230         | 4262         | 11.1          | 203      | 200            | "    | "     | "             | "         | "          | "       | "       | ET ~ 40 m                            |
|          | 16:30    | 45.1        | 45.5       | 4418         | 4435         | 11.8          | 156      | 800            | "    | "     | "             | "         | "          | "       | "       | ET ~ 60 m                            |
|          | 16:45    | 47.0        | 46.5       | 4383         | 4405         | 10.7          | 254      | 600            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 17:00    | 47.8        | 47.0       | 4408         | 4433         | 12.0          | 124      | 600            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 17:15    | 47.6        | 41.0       | 4463         | 4483         | 11.8          | 126      | 1200           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 17:30    | 47.8        | 35.0       | 4508         | 4533         | 11.5          | 125      | 700            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 17:45    | 48.2        | 35.0       | 4526         | 4526         | 11.8          | 125      | 300            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 18:00    | 48.5        | 23.0       | 4520         | 4542         | 11.7          | 126      | 600            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 18:15    | 48.8        | 16.8       | 4641         | 4656         | 12.1          | 96       | 600            | "    | "     | "             | "         | "          | "       | Axel    |                                      |
|          | 18:30    | 47.5        | 11.5       | 4579         | 4600         | 11.2          | 339      | 1700           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 18:45    | 44.9        | 18.8       | 4456         | 4480         | 11.1          | 335      | 400            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 19:00    | 42.4        | 21.2       | 4320         | 4341         | 10.9          | 334      | 400            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 19:15    | 40.0        | 23.5       | 4250         | 4272         | 10.8          | 332      | 600            | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 19:30    | 37.5        | 25.9       | 4187         | 4210         | 11.1          | 332      | 1000           | "    | "     | "             | "         | "          | "       | "       | Tapewechsel 19:40                    |
|          | 19:45    | 35.0        | 28.3       | 4038         | 4059         | 11.0          | 336      | 1000           | "    | "     | "             | "         | "          | 102     | "       |                                      |
|          | 20:00    | 32.6        | 30.7       | 3904         | 3929         | 11.1          | 335      | 1300           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 20:15    | 30.1        | 33.0       | 3732         | 3755         | 11.3          | 334      | 1000           | "    | "     | "             | "         | "          | "       | Anke    | ET ~ 50 m                            |
|          | 20:30    | 27.5        | 35.4       | 3493         | 3506         | 10.8          | 335      | 1500           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 20:45    | 25.0        | 37.8       | 4022         | 4021         | 11.2          | 334      | 250            | "    | "     | "             | "         | "          | "       | "       | Tapewechsel beginnt + ab             |
|          | 21:00    | 24.2        | 33.1       | 4009         | 4205         | 11.1          | 76       | 250            | "    | "     | "             | "         | "          | "       | "       | ET ~ 10 m (Signal ab 20:47)          |
|          | 21:15    | 23.6        | 27.16      | 4339         | 4382         | 11.1          | 75       | 500            | "    | "     | "             | "         | "          | "       | "       | Kurzwchsel & parallel zum Hang       |
|          | 21:30    | 22.9        | 22.3       | 4255         | 4285         | 11.3          | 73       | 580            | "    | "     | "             | "         | "          | "       | "       | ET ~ 25 m                            |
|          | 21:45    | 22.1        | 16.8       | 4119         | 4164         | 11.3          | 73       | 440            | "    | "     | "             | "         | "          | "       | "       | kein Signal!                         |
|          | 22:00    | 21.89       | 11.22      | 4036         | 4056         | 11.5          | 94.6     | 3950           | "    | "     | "             | "         | "          | "       | Barbara | ET ~ 30 m                            |
|          | 22:15    | 22.04       | 05.44      | 3810         | 3829         | 11.8          | 89.3     | 1153           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 22:30    | 22.01       | 57.59.78   | 3740         | 3759         | 10.3          | 89.4     | 6819           | "    | "     | "             | "         | "          | "       | "       |                                      |
|          | 22:45    | 21.98       | 56.41      | 3685         | 3720         | 10.4          | 90.3     | 468            | "    | "     | "             | "         | "          | "       | "       | ET ~ 40                              |
|          | 23:00    | 21.96       | 45.58      | 3573         | 3604         | 10.3          | 90.1     | 743            | "    | "     | "             | "         | "          | "       | "       |                                      |

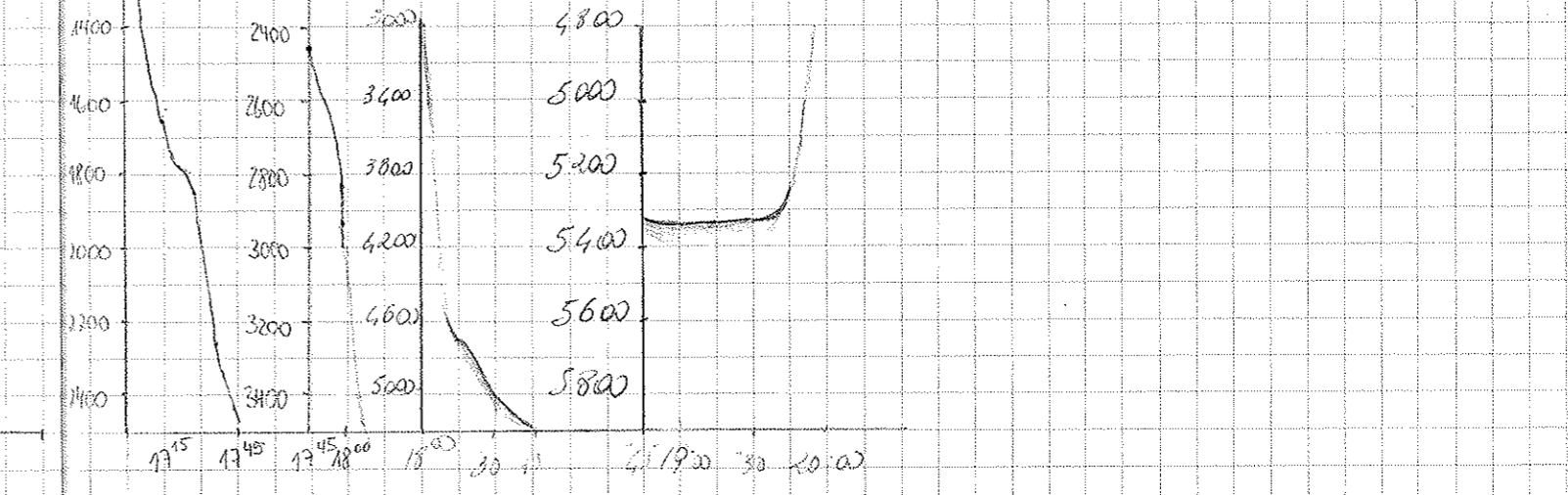
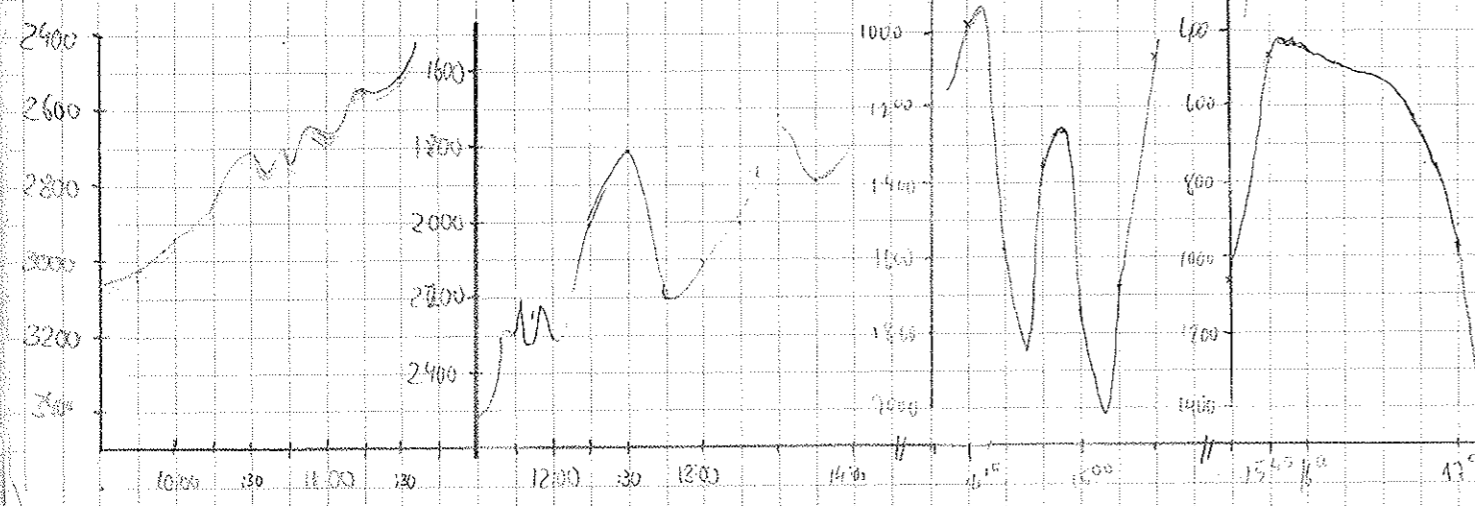


| Datum    | Zeit UTC | Breite (°S) | Länge (°W) | Tiefe PS (m)    | Tiefe HS (m) | Speed (Knot) | Kurs (°) | Max Am/lt (m) | mag | Pulse | Recep | Wout (m/s) | Dow (Pa) | Tide (m) | Wäcke   | Bemerkung            |
|----------|----------|-------------|------------|-----------------|--------------|--------------|----------|---------------|-----|-------|-------|------------|----------|----------|---|----------------------|
| 21/12/94 | 23:15    | 60°21,95'   | 57°44,61'  | 3568            | 3586         | 10,1         | 92,4     | 453           | 4   | 2     | 266   | 0          | 16       | 102      | Barbarca  |                      |
|          | 30       | 22,00       | 39,63      | 3645            | 3666         | 9,9          | 91,2     | 544           | 1   | 4     | "     | "          | "        | "        | "   |                      |
|          | 45       | 22,07       | 34,58      | -               | 3580         | 9,8          | 91,9     | 565           | "   | "     | "     | "          | "        | "        | "   |                      |
| 22/12/94 | 00:00    | 21,99       | 39,61      | -               | 3489         | 9,9          | 87,2     | 469           | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 15       | 60°21,9     | 57°24,7    | 2837            | 2894         | 10,4         | 88,9     | 300           | "   | "     | "     | "          | "        | "        | Portbrun  | Start bergauf        |
|          | 30       | 60°21,9     | 57°19,2    | <del>2837</del> | 1842         | 10,2         | 91,1     | 400           | "   | "     | "     | "          | "        | "        | "   | 01:46 PS-Neustart    |
|          | 45       | 22,0        | 14,7       | 2079            | 2040         | 70,3         | 97,8     | 400           | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 01:00    | 60°22,0     | 57°08,9    | 3094            | 3060         | 10,1         | 89,9     | 600           | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 15       | 60°22,0     | 57°03,9    | 5735            | 3279         | 9,8          | 90,4     | 600           | "   | "     | "     | "          | "        | "        | "   | 01:20 TAPEWECHSEL    |
|          | 30       | 60°22,0     | 56°53,0    | 4045            | 4067         | 10,0         | 90,4     | 500           | "   | "     | "     | "          | "        | 103      | "   |                      |
|          | 45       | 60°22,0     | 56°54,1    | 4075            | 4094         | 9,9          | 89,7     | 3250          | "   | "     | "     | "          | "        | "        | "   | ET ~ 10m             |
|          | 02:00    | 60°22,0     | 56°48,8    | 4049            | 4067         | 10,0         | 90,7     | 3900          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 15       | 60°22,0     | 56°44,2    | 4100            | 4118         | 10,1         | 90,3     | 1700          | "   | "     | "     | "          | "        | "        | "   | ET ~ 50m             |
|          | 30       | 60°22,0     | 56°38,9    | 4091            | 4110         | 9,9          | 89,7     | 1700          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 45       | 60°22,0     | 56°33,6    | 4020            | 4055         | 10,3         | 88,0     | 1700          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 03:00    | 60°21,9     | 56°28,2    | 4000            | 4037         | 10,3         | 88,7     | 2500          | "   | "     | "     | "          | "        | "        | "   | ET ~ 30m             |
|          | 15       | 22,1        | 23,2       | 3911            | 3829         | 10,5         | 93       | 2000          | "   | "     | "     | "          | "        | "        | Wäcke   |                      |
|          | 30       | 22,0        | 17,9       | 3833            | 3824         | 10,5         | 87       | 2200          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 45       | 21,9        | 12,3       | 3820            | 3838         | 10,6         | 89       | 2500          | "   | "     | "     | "          | "        | "        | "   | ET ~ 10m             |
|          | 04:00    | 21,9        | 07,3       | 3831            | 3846         | 10,7         | 89       | 2500          | "   | "     | "     | "          | "        | "        | "   | 04:04 Tape 103 → 104 |
|          | 15       |             |            |                 |              |              |          |               |     | "     | "     | "          | "        | 104      | "   |                      |
|          | 30       | 60°21,9     | 56°54,7    | 3809            | 3824         | 11,1         | 91       | 3200          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 45       | 21,9        | 50,9       | 3797            | 3813         | 10,8         | 92       | 2300          | "   | "     | "     | "          | "        | "        | "   |                      |
|          | 05:00    | 22,0        | 42,9       | 3742            | 3756         | 10,8         | 91       | 1100          | "   | "     | "     | "          | "        | "        | "   | ET ~ 40m             |
| 15       | 22,0     | 37,8        | 3741       | 3756            | 11,1         | 90           | 800      | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 30       | 22,0     | 30,6        | 3697       | 3713            | 11,0         | 90           | 3600     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 45       | 22,0     | 28,2        | 3672       | 3683            | 11,2         | 90           |          | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 06:00    | 22,0     | 25,3        | 3598       | 3613            | 10,7         | 89           | 900      | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 15       | 22,0     | 15,9        | 3574       | 3598            | 10,5         | 90           | 2400     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 30       | 22,1     | 12,2        | 3537       | 3552            | 11,2         | 91           |          | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 45       | 22,1     | 04,5        | 3470       | 3536            | 10,6         | 90           | 7100     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 07:00    | 22,0     | 00,4        | 3504       | 3520            | 10,8         | 88           | 7000     | "             | "   | "     | "     | "          | 105      | "        | Tapedeck wippt, Tape kommt nicht raus, PARADIE Neustart |                      |
| 15       | 22,0     | 54,9        | 3455       | 3461            | 10,3         | 89           | 1700     | "             | "   | "     | "     | "          | "        | "        | 1x PS3-film auf Platte, gewaschen                       |                      |
| 30       | 22,0     | 50,8        | 3415       | 3426            | 10,3         | 89           | 1800     | "             | "   | "     | "     | "          | "        | "        | dann auf Tape Seldsam 3545                              |                      |
| 45       | 22,0     | 45,7        | 3374       | 3387            | 10,2         | 92           | 1700     | "             | "   | "     | "     | "          | "        | "        | Shan, daß auf einmal die                                |                      |
| 08:00    | 60°21,9  | 54°40,3     | 3324       | 3337            | 10,3         | 89           | 436      | "             | "   | "     | "     | "          | "        | "        | Tapes schon mal, jein. 3545                             |                      |
| 15       | 21,9     | 35,3        | 3284       | 3295            | 9,7          | 89           | 610      | "             | "   | "     | "     | "          | "        | "        | Voll wachen !!!   |                      |
| 30       | 21,8     | 29,9        | 3262       | 3291            | 10,0         | 87           | 1013     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 45       | 21,8     | 25,2        | 3190       | 3202            | 10,4         | 84           | 1007     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 09:00    | 21,8     | 20,0        | 3178       | 3164            | 9,8          | 89           | 1182     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 15       | 21,8     | 15,1        | 3121       | 312             | 10,3         | 89           | 1328     | "             | "   | "     | "     | "          | "        | "        |   |                      |
| 30       | 21,8     | 09,7        | 3087       | 3097            | 10,2         | 90           | 1815     | "             | "   | "     | "     | "          | "        | "        |   |                      |



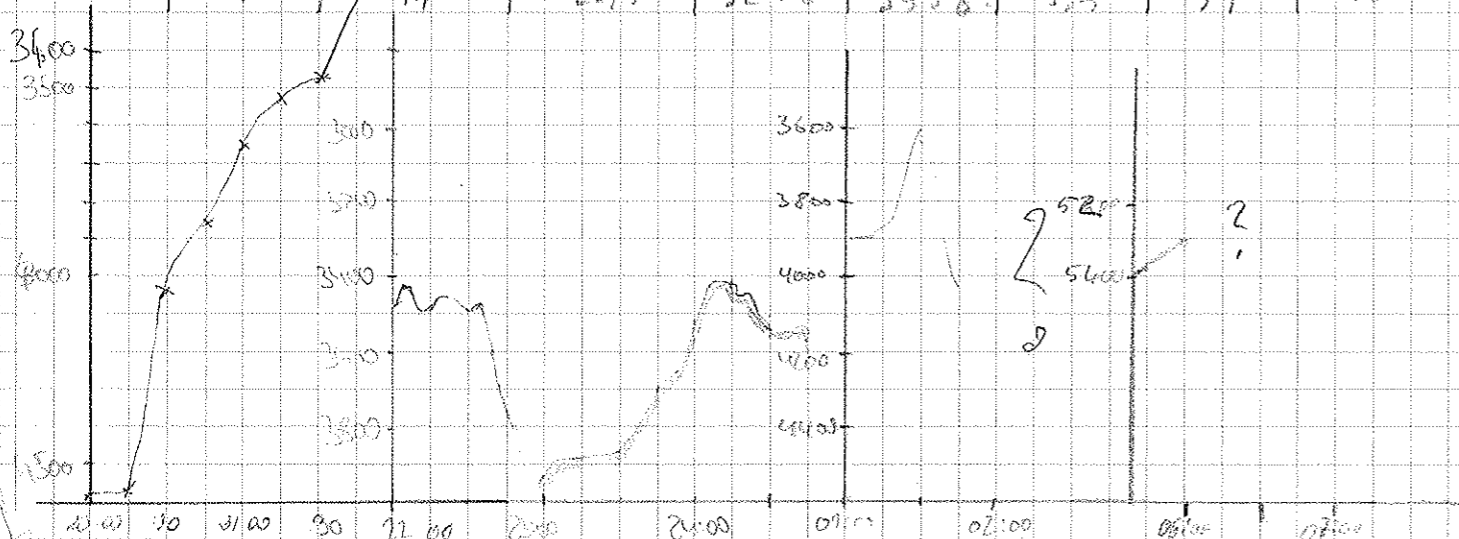
Tapedeck wippt, Tape kommt nicht raus, PARADIE Neustart  
 1x PS3-film auf Platte, gewaschen  
 dann auf Tape Seldsam 3545  
 Shan, daß auf einmal die  
 Tapes schon mal, jein. 3545  
 Voll wachen !!!

| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe [m] | Tiefe [m] | Speed [Kn] | Kurs [°] | Max. Amplit. [cm] | Reg. | Pulse | Record Length | Wave Time | Deso Polli | Tape No. | Warte   | Bemerkung                         |                                |
|----------|----------|-------------|------------|-----------|-----------|------------|----------|-------------------|------|-------|---------------|-----------|------------|----------|---------|-----------------------------------|--------------------------------|
| 22/12/97 | 09:45    | 60°21.8     | 54°05.0    | 3037      | 3048      | 9.7        | 88       | 1200              | 4    | 2     | 266           | 0         | 16         | 105      | Seer    | ET ~ 90m                          |                                |
|          | 10:00    | 60°21.8     | 53°59.8    | 2954      | 2964      | 10.2       | 92       | 1400              | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 10:15    | 21.9        | 54.7       | 2857      | 2868      | 10.4       | 91       | 1400              | "    | "     | "             | "         | "          | "        | "       | ET ~ 70m                          |                                |
|          | 10:30    | 21.9        | 49.4       | 2706      | 2724      | 10.2       | 89       | 500               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 10:45    | 21.9        | 41.3       | 2747      | 2756      | 10.5       | 92       | 1500              | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 11:00    | 22.0        | 39.1       | 2671      | 2684      | 10.3       | 92       | 1000              | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 11:15    | 22.0        | 33.8       | 2539      | 2553      | 10.6       | 90       | 500               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 11:30    | 22.0        | 28.6       | 2508      | 2518      | 10.3       | 90       | 1900              | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 11:45    | 22.0        | 23.2       | 2294      | 2303      | 10.6       | 90       | 500               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 12:00    | 21.99       | 17.7       | 2311      | 2315      | 10.5       | 89       | 400               | "    | "     | "             | "         | "          | "        | "       | TORGE                             |                                |
|          | 12:15    | 21.92       | 12.45      | 2003      | 1984      | 10.7       | 89       | 1600              | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 12:30    | 21.89       | 02.16      | 1830      | 1845      | 10.4       | 90       | 400               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 12:45    | 21.91       | 01.85      | 2710      | 2724      | 10.4       | 91       | 500               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 13:00    | 21.93       | 52°56.55   | 2092      | 2172      | 10.6       | 92       | 300               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 13:15    | 21.92       | 51.37      | ?         | 1994      | 19.5       | 89       | 400               | "    | "     | "             | "         | "          | "        | "       | sehr gutes Signal 25 Prof unter!  |                                |
|          | 13:30    | 22.15       | 46.50      | ?         | 1625      | 9.7        | 80.7     | 500               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 13:45    | 21.97       | 41.58      | 18.32     | 1872      | 10.2       | 84.1     | 300               | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
|          | 14:00    | 21.99       | 36.41      | 15.29     | 1613      | 10.0       | 88       | 300               | "    | "     | "             | "         | "          | 106      | "       | Torpedol                          |                                |
|          | 14:15    | 60° 21.9    | 52° 31.2   | 977       | 1006      | 10.0       | 89       | 305               | "    | "     | "             | "         | "          | "        | 6.0 d   | "                                 |                                |
|          | 14:30    | 21.8        | 25.6       | 1584      | 1589      | 10.7       | 88       | 274               | "    | "     | "             | "         | "          | "        | "       | "                                 | Zug und Tal: schlechtes Signal |
|          | 14:45    | 21.9        | 21.0       | 1353      | 1360      | 10.9       | 91       | 680               | "    | "     | "             | "         | "          | "        | "       | "                                 | "                              |
|          | 15:00    | 22.1        | 15.7       | 1722      | 1330      | 10.5       | 92       | 485               | "    | "     | "             | "         | "          | "        | "       | "                                 | "                              |
| 15:15    | 22.2     | 10.4        | 1676       | 1684      | 10.7      | 88         | 1634     | "                 | "    | "     | "             | "         | "          | "        | "       | ET meist < 10m                    |                                |
| 15:30    | 21.1     | 5.1         | 1064       | 1099      | 10.5      | 87         | 515      | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 15:45    | 21.9     | 0.0         | 460        | 463       | 10.1      | 84         | 2450     | "                 | "    | "     | "             | "         | "          | "        | "       | schönes Signal und Relief!        |                                |
| 16:00    | 21.8     | 51° 55.2    | 447        | 446       | 10.4      | 94         | 2170     | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 16:15    | 21.9     | 49.7        | 500        | 500       | 10.5      | 91         | 800      | "                 | "    | "     | "             | "         | "          | "        | Axel    | "                                 |                                |
| 16:30    | 21.9     | 44.3        | 538        | 537       | 10.8      | 91         | 1600     | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 16:45    | 21.9     | 38.9        | 645        | 650       | 10.5      | 90         | 750      | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 17:00    | 22.0     | 32.6        | 1014       | 1056      | 10.7      | 92         | 400      | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 17:15    | 22.1     | 27.1        | 1670       | 1772      | 10.9      | 88         | 240      | "                 | "    | "     | "             | "         | "          | "        | "       | } Schwaches Signal steiler Abhang |                                |
| 17:30    | 22.0     | 22.0        | 1992       | 2014      | 10.8      | 91         | 240      | "                 | "    | "     | "             | "         | "          | "        | "       |                                   |                                |
| 17:45    | 21.9     | 16.6        | 2468       | 2507      | 10.6      | 87         | 230      | "                 | "    | "     | "             | "         | "          | "        | "       |                                   |                                |
| 18:00    | 21.8     | 11.5        | 3001       | 3490      | 10.6      | 90         | 280      | "                 | "    | "     | "             | "         | "          | "        | "       |                                   |                                |
| 18:15    | 21.8     | 06.04       | 4716       | 4756      | 9.8       | 93         | 845      | "                 | "    | "     | "             | "         | "          | "        | Barbara | "                                 |                                |
| 18:30    | 22.06    | 01.31       | ?          | 5178      | 10        | 94.6       | 1069     | "                 | "    | "     | "             | "         | "          | "        | "       | ET ~ 30m                          |                                |
| 18:45    | 22.28    | 50° 56.16   | 5343       | 5362      | 9.3       | 93.4       | 1570     | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 19:00    | 21.95    | 51.09       | 5348       | 5372      | 9.0       | 63.8       | 1372     | "                 | "    | "     | "             | "         | "          | "        | "       | ET ~ 40m                          |                                |
| 19:15    | 20.94    | 48.25       | 5349       | 5378      | 5.4       | 46.7       | 1068     | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 19:30    | 20.14    | 46.22       | 5345       | 5480      | 4.5       | 59.9       | 1213     | "                 | "    | "     | "             | "         | "          | "        | "       | "                                 |                                |
| 19:45    | 19.54    | 41.45       | ?          | 5339      | 10.4      | 46.3       | 366      | "                 | "    | "     | "             | "         | "          | "        | "       | ET < 10m                          |                                |
| 20:00    | 19.37    | 36.63       | 4391       | 4701      | 10.6      | 85.3       | 203      | "                 | "    | "     | "             | "         | "          | "        | Felix   | A PROFIL                          |                                |

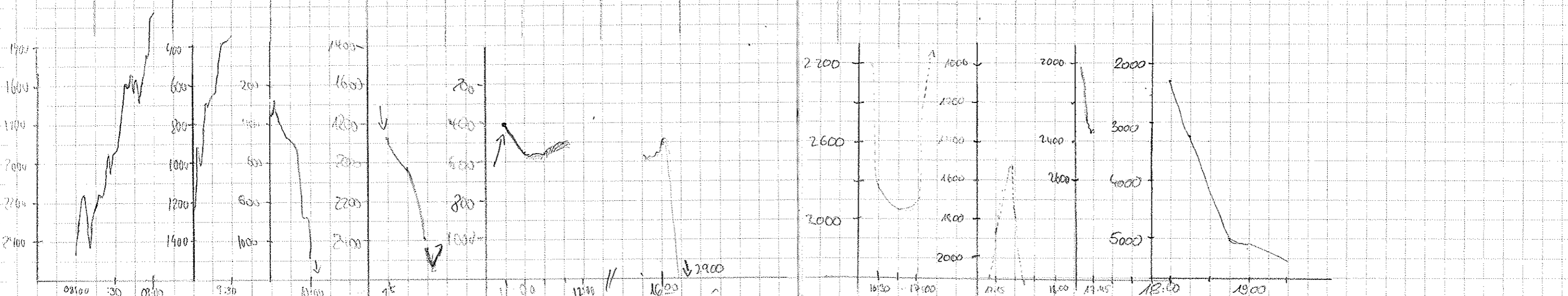




| Datum    | Zeit UTC | Breite (°) | Länge (°) | PS Tiefe | HS Tiefe | Speed (km/h) | Kurs (°) | Max Amplitude (km) | Day | Pulse | Repeat | Wait (Type) | Dep. Rolle | Tiefe (m) | Wädicke   | Bemerkung   |
|----------|----------|------------|-----------|----------|----------|--------------|----------|--------------------|-----|-------|--------|-------------|------------|-----------|---|---|
| 22/12/97 | 20:15    | 60° 15.39  | 50° 31.33 | 0        | 4572     | 10.4         | 90.5     | 608                | x   | u     | u      | u           | u          | u         | Felix   | bieten steil für gutes Signal   |
|          | 20:30    | 15.43      | 25.88     | 0        | 4031     | 10.7         | 91.6     | 163.4              | u   | u     | u      | u           | u          | u         | u   |   |
|          | 20:45    | 15.43      | 20.58     | 3810     | 3864     | 10.8         | 83.6     | 152.9              | u   | u     | u      | u           | u          | u         | u   |   |
|          | 21:00    | 15.43      | 15.16     | 3560     | 3611     | 10.4         | 81.4     | 196.1              | u   | u     | u      | u           | u          | u         | u   |   |
|          | :15      | 15.52      | 09.87     | 3615     | 3520     | 10.7         | 82.7     | 108.1              | u   | u     | u      | u           | u          | u         | u   |   |
|          | :30      | 15.60      | 04.64     | 3440     | 3474     | 10.4         | 81.6     | 564.5              | u   | u     | u      | u           | u          | u         | u   |   |
|          | :45      | 15.73      | 49° 59.35 | 0        | 3196     | 10.5         | 85.2     | 130.9              | u   | u     | u      | u           | u          | u         | u   |   |
|          | 22:00    | 20.0       | 54.0      | 3475     | 3526     | 9.6          | 86.8     | 230                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :15      | 20.2       | 48.6      | 3482     | 3482     | 10.4         | 84.8     | 100                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :30      | 20.4       | 43.5      | 3482     | 3534     | 9.6          | 83.7     | 300                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :45      | 20.6       | 38.5      | 3480     | 3877     | 10.5         | 84.4     | 200                | u   | u     | u      | u           | u          | u         | u   |   |
|          | 23:00    | 20.8       | 32.9      | 3835     | 3857     | 10.8         | 82.8     | 500                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :15      | 20.9       | 27.7      | 3894     | 3819     | 10.4         | 84.3     | 100                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :30      | 21.0       | 22.5      | 3871     | 3802     | 10.1         | 82.1     | 500                | u   | u     | u      | u           | u          | u         | u   |   |
|          | :45      | 21.0       | 17.3      | 3653     | 3715     | 10.8         | 80.5     | 800                | u   | u     | u      | u           | u          | u         | u   |   |
| 23/12/97 | 00:00    | 21.0       | 12.0      | 3570     | 3533     | 10.4         | 88.7     | 500                | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 60° 20.9 | 49° 08.9   | 34847     | 3487     | 10.4     | 87.9         | 325      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :30      | 60° 20.9 | 48° 01.9   | 3522      | 3540     | 10.4     | 89.3         | 1700     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :45      | 60° 20.9 | 48° 16.2   | 3515      | 3527     | 9.9      | 10.4         | 416      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 01:00    | 60° 21.2 | 48° 52.5   | 4766      | 4884     | 6.3      | 84.9         | 600      | u                  | u   | u     | u      | u           | u          | u         | im Eis -> kein Signal                               |   |
| :15      | 60° 21.7 | 48° 48.2   | 3706      | 3706     | 11.0     | 80.5         | 300      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :30      | 60° 21.7 | 48° 42.3   | 3607      | 3653     | 11.8     | 88.5         | 240      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :45      | 60° 21.7 | 48° 38.3   | 4017      | 4017     | 10.5     | 84.5         | 250      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 02:00    | 60° 21.5 | 48° 33.2   | 4325      | 4759     | 9.1      | 79.9         | 500      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 60° 21.4 | 48° 29.6   | 4305      | 4751     | 6.1      | 80.2         | 300      | u                  | u   | u     | u      | u           | u          | u         | 02:10 nur zu sehen DESO off !!!                     |   |
| :30      | 60° 21.6 | 48° 26.0   | 4060      | 4277     | 9.2      | 105.6        | 300      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :45      | 60° 21.6 | 48° 22.8   | 3556      | 3947     | 7.5      | 56.8         | 2000     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 03:00    | 60° 20.7 | 48° 20.5   | 4292      | 4871     | 6.7      | 56.9         | 800      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 60° 20.9 | 48° 17.8   | 4697      | 4688     | 8.7      | 54.3         | 600      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :30      | 60° 20.3 | 48° 14.3   | 4169      | 4481     | 7.9      | 72.3         | 800      | u                  | u   | u     | u      | u           | u          | u         | 03:20 TAPELSCHEITEL !!!<br>DESOLD HS & RI-Tiefe ??? |   |
| :45      | 60° 20.4 | 48° 11.0   | 4355      | 4737     | 4.1      | 100.4        | 800      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 04:20    | 21.2     | 04.3       | 4144      | 5173     | 6.8      | 92           | 600      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 42       | 21.6     | 47° 59.2   | 4821      | 4912     | 5.9      | 113          | 300      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 05:04    | 22.4     | 55.0       | 4840      | 5095     | 7.2      | 110          | 2200     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 22.8     | 52.8       | -         | 5295     | 6.8      | 100          | 900      | u                  | u   | u     | u      | u           | u          | u         | u   | u   |
| :30      | 22.6     | 49.6       | -         | 5226     | 5.0      | 60           | 2000     | u                  | u   | u     | u      | u           | u          | u         | u   | u   |
| :45      | 21.6     | 47.1       | -         | 5250     | 8.2      | 62           | -        | u                  | u   | u     | u      | u           | u          | u         | u   | 05:42 man sieht was!<br>Zerlegung v. Bildsch. abgemalt,<br>da keine PS-Tiefe wieder lix,<br>Kurs des M. hat nur 70 06:25 PS-<br>Tiefe wieder da |
| 06:00    | 21.4     | 43.1       | -         | -        | 7.2      | 84           | 1300     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 21.5     | 39.5       | -         | 4783     | 6.5      | 93           | 1300     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :30      | 21.5     | 36.4       | 4262      | 2531     | 9.1      | 91           | 700      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :45      | 21.6     | 32.8       | 4193      | 4173     | 8.7      | 91           | 300      | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| 07:00    | 21.6     | 30.0       | 3832      | 3969     | 6.0      | 95           | 1000     | u                  | u   | u     | u      | u           | u          | u         | u   |   |
| :15      | 21.4     | 26.5       | 3278      | 3558     | 5.5      | 59           | 400      | u                  | u   | u     | u      | u           | u          | u         | u   |   |



| Datum    | Zeit UTC | Breite [°S] | Länge [°E] | Tiefe PS | Tiefe HS | Gründ. [km] | Kurs [°] | Max. Ampl. [mV] | Wdg | Pulse | Record Length | Wait time | Tape No. | Disk Roll | Winkel | Beobachtungen                                    |
|----------|----------|-------------|------------|----------|----------|-------------|----------|-----------------|-----|-------|---------------|-----------|----------|-----------|--------|--|
| 23/12/97 | 07:30    | 60° 21,3    | 47° 23,5   | 2492     | 3002     | 6,5         | 75       | 200             | 4   | 2     | 266           | 0         | 108      | 46        | Reduit | man sieht ÜBERHAUPT NIX!!!                       |
|          | 145      | 20,9        | 20,2       | 2705     | 2885     | 6,9         | 67       | 300             | "   | "     | "             | "         | "        | "         | "      | Drosselst, Dose all, weil immer mit              |
|          | 08:00    | 20,9        | 16,3       | 2470     | 2485     | 9,1         | 97       | 350             | "   | "     | "             | "         | "        | 47        | "      | Dose on um 08:00                                 |
|          | 15       | 21,1        | 11,8       | 2212     | 2232     | 9,2         | 96       | 600             | "   | "     | "             | "         | "        | "         | Suen   | Schlechtes Record -> Ein Moin, Moin!             |
|          | 30       | 21,4        | 06,6       | ✓        | 1927     | 10,5        | 99       | 650             | "   | "     | "             | "         | "        | "         | "      | ditto  |
|          | 45       | 21,7        | 01,4       | 1619     | 1653     | 11,8        | 100      | 550             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 09:00    | 22,0        | 46° 54,9   | 1213     | 1231     | 13,4        | 96       | 400             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 15       | 22,4        | 48,3       | 677      | 679      | 13,1        | 95       | 1800            | "   | "     | "             | "         | "        | "         | "      |  |
|          | 30       | 22,5        | 41,8       | 340      | 341      | 12,1        | 90       | 1100            | "   | "     | "             | "         | "        | "         | "      | ET ~ 10m   |
|          | 45       | 22,4        | 36,0       | 442      | —        | 12,5        | 89       | 2100            | "   | "     | "             | "         | 109      | "         | "      | Hydroweep ist ausgefallen Tape wird set          |
|          | 10:00    | 22,3        | 28,8       | 1096     | —        | 12,9        | 89,3     | 500             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 15       | 22,3        | 22,4       | 1891     | —        | 12,8        | 89       | 250             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 30       | 22,3        | 16,0       | 2037     | 2101     | 12,8        | 89       | 250             | "   | "     | "             | "         | "        | "         | Anke   | HS wieder an, kaum Reflexionen                   |
|          | 45       | 22,3        | 09,7       | 2419     | 2327     | 11,9        | 132      | 150             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 11:00    | 22,5        | 08,0       | 402      | 444      | 3,3         | 139      | 600             | "   | "     | "             | "         | "        | "         | "      | Reflektor ab 11:02                               |
|          | 15       | 27,0        | 06,4       | 561      | 565      | 9,8         | 160      | 1500            | "   | "     | "             | "         | "        | "         | "      | ET ~ 30m   |
|          | 30       | 29,1        | 04,9       | 534      | 561      | 5,3         | 161      | 800             | "   | "     | "             | "         | "        | "         | "      | ET ~ 50m   |
|          | 45       | 30,1        | 04,2       | 508      | 514      | 1,7         | 1400     | 1500            | "   | "     | "             | "         | "        | "         | "      | wie laufen wir Signy                             |
|          | 12:00    | 30,1        | 04,2       | 498      | 501      | 0,7         | 174      | 1800            | "   | "     | "             | "         | "        | "         | "      | Storage 1000 Prof 1 Table alt 1                  |
|          | 12:00    | "           | "          | "        | "        | "           | "        | "               | "   | "     | "             | "         | "        | "         | "      | Stop vor Signy                                   |
|          | 14:00    | 30,0        | 04,4       | 539      | 546      | 0,3         | 157      | 700             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 15:40    | 29,2        | 04,2       | 588      | 591      | 10,0        | 338      | 250             | "   | "     | "             | "         | "        | "         | "      | Abfahrt v. Signy                                 |
|          | 15:45    | "           | "          | "        | "        | "           | "        | "               | "   | "     | "             | "         | 109      | "         | "      | Papier alle, PARADIGMA abgecheckt                |
|          | 16:00    | 60° 26,19   | 46° 04,71  | 488      | 491      | 10,0        | 356      | 1200            | "   | "     | "             | "         | "        | "         | "      |  |
|          | 15       | 23,60       | 04,98      | 1151     | 1196     | 9,8         | 359      | 300             | "   | "     | "             | "         | "        | "         | Katja  | die Bergab -> Tiefenanzeige, aber kein Reflektor |
|          | 30       | 21,28       | 04,97      | 2820     | 2838     | 9,5         | 2        | 300             | "   | "     | "             | "         | "        | "         | "      | 16:25 System abgesteuert                         |
|          | 45       | 19,46       | 02,90      | 2951     | 2961     | 9,4         | 62,2     | 7600            | "   | "     | "             | "         | "        | "         | "      |  |
|          | 17:00    | 16,27       | 45° 58,26  | 2894     | 2917     | 9,8         | 61       | 250             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 15       | 17,20       | 54,55      | 1877     | 1899     | 9,4         | 70       | 422             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 30       | 16,38       | 50,4       | 1797     | 1842     | 9,7         | 171      | 280             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 45       | 15,51       | 45,8       | 2349     | 2349     | 8,3         | 68       | 500             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 18:00    | 14,50       | 41,48      | 2741     | 2753     | 9,3         | 60       | 862             | "   | "     | "             | "         | "        | "         | "      | Denise 18:15-19:05 see bergab, kein Reflektor    |
|          | 15       | 13,52       | 37,41      | 3381     | 3369     | 9,4         | 62,7     | 394             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 30       | 12,54       | 33,12      | 4547     | 4547     | 9,5         | 78       | 566             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 45       | 11,82       | 28,56      | 4988     | 5056     | 9,6         | 67,3     | 235             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 19:00    | 10,72       | 24,24      | 4988     | 5155     | 9,6         | 60,7     | 757             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 19:15    | 09,54       | 20,04      | 5425     | 5442     | 9,6         | 60,1     | 1773            | "   | "     | "             | "         | "        | "         | "      | ET ~ 25m   |
|          | 30       | 08,43       | 15,83      | 5415     | 5439     | 9,6         | 60,4     | 2077            | "   | "     | "             | "         | "        | "         | "      | ET ~ 50m   |
|          | 45       | 07,48       | 11,51      | 5416     | 5441     | 9,6         | 60,1     | 968             | "   | "     | "             | "         | "        | "         | "      |  |
|          | 20:00    | 06,46       | 7,03       | 5389     | 5420     | 9,7         | 64,2     | 1140            | "   | "     | "             | "         | "        | "         | "      |  |



| Datum    | Zeit UTC | Breite [°S] | Longitude [°W] | Tiefe PS [m] | Tiefe HS [m] | Beschw [kg] | Kurs [°] | mat. Ampel [mV] | Ursache PS | Pulse | Record length | Wait time | Tape No. | Deck Rolle | Wache  | ET                  |
|----------|----------|-------------|----------------|--------------|--------------|-------------|----------|-----------------|------------|-------|---------------|-----------|----------|------------|--------|---------------------|
| 23.12.97 | 20:15    | 60° 05.4    | 45° 02.7       | 5365         | 5393         | 9.3         | 65.5     | 1300            | 4          | 2     | 2600          | 0         | 110      | 17         | Ulrich | ET ~ 20m            |
|          | :30      | 04.3        | 44° 58.5       | 5330         | 5355         | 9.5         | 63.4     | 1000            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 03.3        | 59.2           | 5291         | 5323         | 9.6         | 63.8     | 2000            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | 21:00    | 02.3        | 43.8           | 5255         | 5285         | 9.7         | 68.9     | 1100            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 01.4        | 45.3           | 5171         | 5203         | 9.5         | 68.7     | 700             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 00.4        | 41.0           | 5005         | 5058         | 9.7         | 63.7     | 500             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 59° 59.4    | 36.7           | 5011         | 5036         | 9.3         | 64.7     | 950             | "          | "     | "             | "         | 111      | "          | "      | "                   |
|          | 22:00    | 58.3        | 32.3           | 4851         | 4815         | 9.9         | 64.5     | 700             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 59° 57.3    | 44° 28.0       | 4851         | 4885         | 9.7         | 63.4     | 1054            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 56.2        | 23.4           | 4715         | 4702         | 9.7         | 64.4     | 1003            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 55.2        | 19.6           | 4765         | 4786         | 9.8         | 64.0     | 808             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | 23:00    | 54.1        | 15.0           | 4718         | 4749         | 9.3         | 65.4     | 714             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 53.1        | 10.9           | 4632         | 4662         | 9.7         | 65.2     | 679             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 52.0        | 06.6           | 4666         | 4686         | 9.7         | 65.9     | 988             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 51.0        | 02.2           | 4663         | 4692         | 9.6         | 64.7     | 797             | "          | "     | "             | "         | "        | "          | "      | "                   |
| 24/12/97 | 00:00    | 50° 50.0    | 43° 57.8       | 4523         | 4541         | 9.4         | 65.8     | 1256            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 49.0        | 53.6           | 4522         | 4523         | 9.8         | 66.8     | 753             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 59° 48.0    | 43.48.2        | 4548         | 4563         | 9.2         | 64.8     | 1000            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 59° 47.2    | 43.45.5        | 4565         | 4583         | 9.9         | 64.5     | 1400            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | 01:00    | 59° 46.1    | 43° 41.1       | 4520         | 4555         | 9.5         | 63.5     | 4500            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 59° 45.1    | 43° 36.4       |              | 3902         | 10.0        | 66.5     | 230             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 59° 44.1    | 43° 32.6       | 3919         | 4030         | 7.8         | 63.1     | 260             | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :45      | 59° 43.3    | 43° 29.3       | 4504         | 4577         | 7.4         | 63.5     | 1500            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | 02:00    | 59° 42.4    | 43° 25.8       | 4496         | 4576         | 7.2         | 62.3     | 2600            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 59° 41.6    | 43° 22.7       | 4391         | 4493         | 8.1         | 64.3     | 1400            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 59° 40.6    | 43° 18.9       | 4365         | 4382         | 8.9         | 61.9     | 4200            | "          | "     | "             | "         | 112      | "          | "      | 02:22 TAPPE WECHSEL |
|          | :45      | 59° 39.5    | 43° 15.0       | 4354         | 4371         | 9.1         | 61.2     | 1400            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | 03:00    | 59° 38.7    | 43° 11.3       | 4355         | 4355         | 8.9         | 70.2     | 1000            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :15      | 59° 37.9    | 43° 07.1       | 4333         | 4347         | 8.7         | 62.6     | 1000            | "          | "     | "             | "         | "        | "          | "      | "                   |
|          | :30      | 59° 37.0    | 43° 03.1       | 4324         | 4343         | 9.1         | 63.2     | 6500            | "          | "     | "             | "         | "        | "          | "      | "                   |
| :45      | 59° 36.0 | 42° 58.3    | 4288           | 4316         | 9.1          | 61.1        | 1200     | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| 04:00    | 35.0     | 59.2        | 4167           | 4202         | 9.0          | 62          | 2000     | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :15      | 34.2     | 51.0        | 4200           | 4215         | 9.0          | 76          | 2300     | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :30      | 33.4     | 46.6        | 4196           | 4216         | 9.5          | 63          | 1300     | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :45      | 31.8     | 41.4        | 4232           | 4263         | 9.7          | 58          | 1200     | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| 05:00    | 29.8     | 36.9        | 3954           | 3702         | 9.6          | 57          | 700      | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :15      | 28.3     | 35.4        | 2774           | 2845         | 9.6          | 55          | 400      | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :30      | 27.4     | 31.2        | 2247           | 2417         | 9.8          | 72          | 700      | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| :45      | 27.5     | 25.5        | 3816           | 3817         | 9.6          | 71          | 300      | "               | "          | "     | "             | "         | "        | "          | "      |                     |
| 06:00    | 26.9     | 22.2        | 3823           | 3876         | 9.6          | 71          | 1700     | "               | "          | "     | "             | "         | "        | "          | "      |                     |

Tonewegsel 21:31 c. No. 111  
 21:36 Auf Wickelscheibe, Antarektis P  
 ET ~ 40m

Postman ET ~ 30m

schl. lagert, PS-Tiefenweg

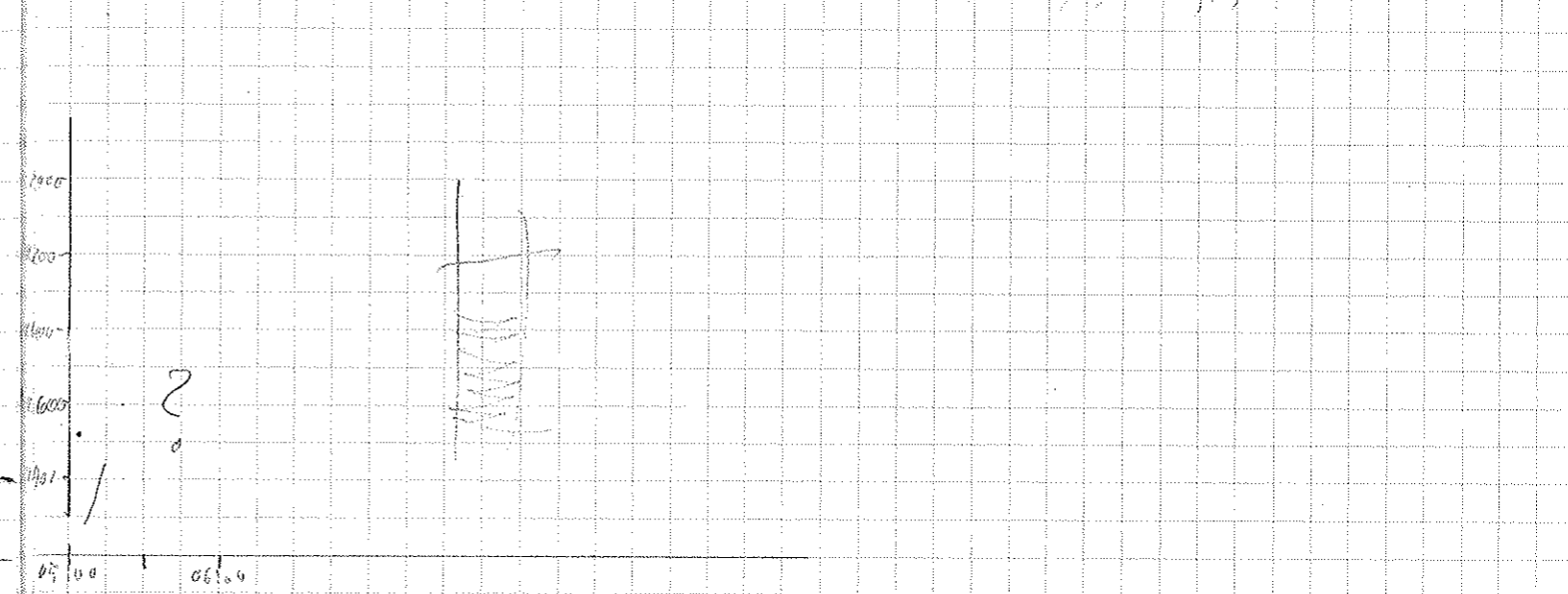
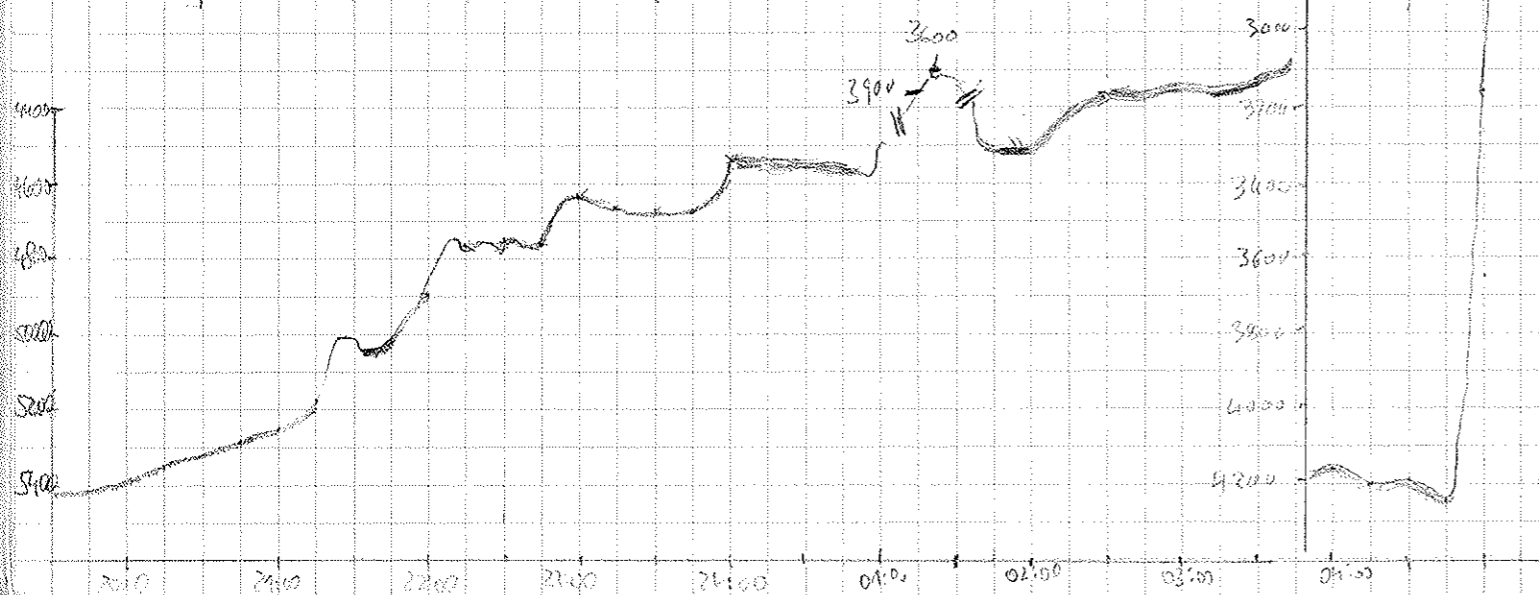
02:22 TAPPE WECHSEL

ET ~ 25m  
 - "

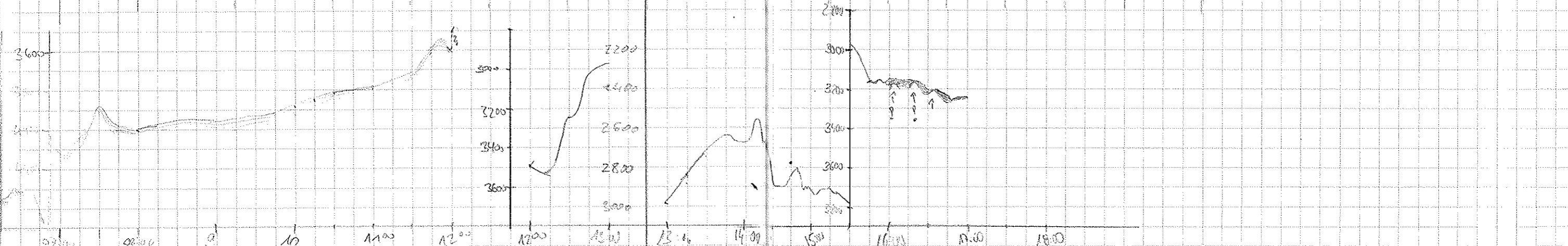
Ulrich ET ~ 40m

Pub, gibt das klanglos!

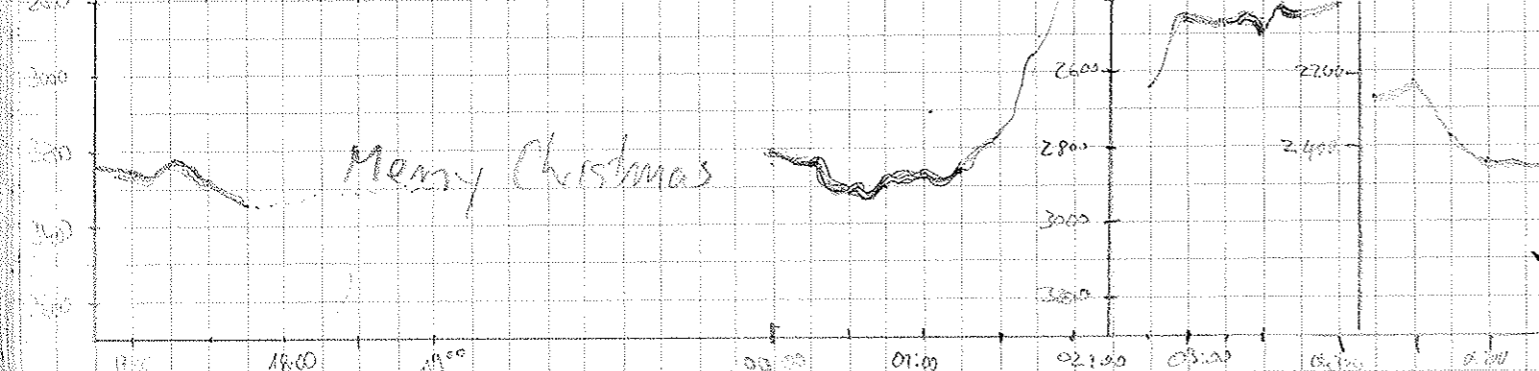
und wieder, PS auf folgender  
 Tiefenabgleich, ist der 0.6



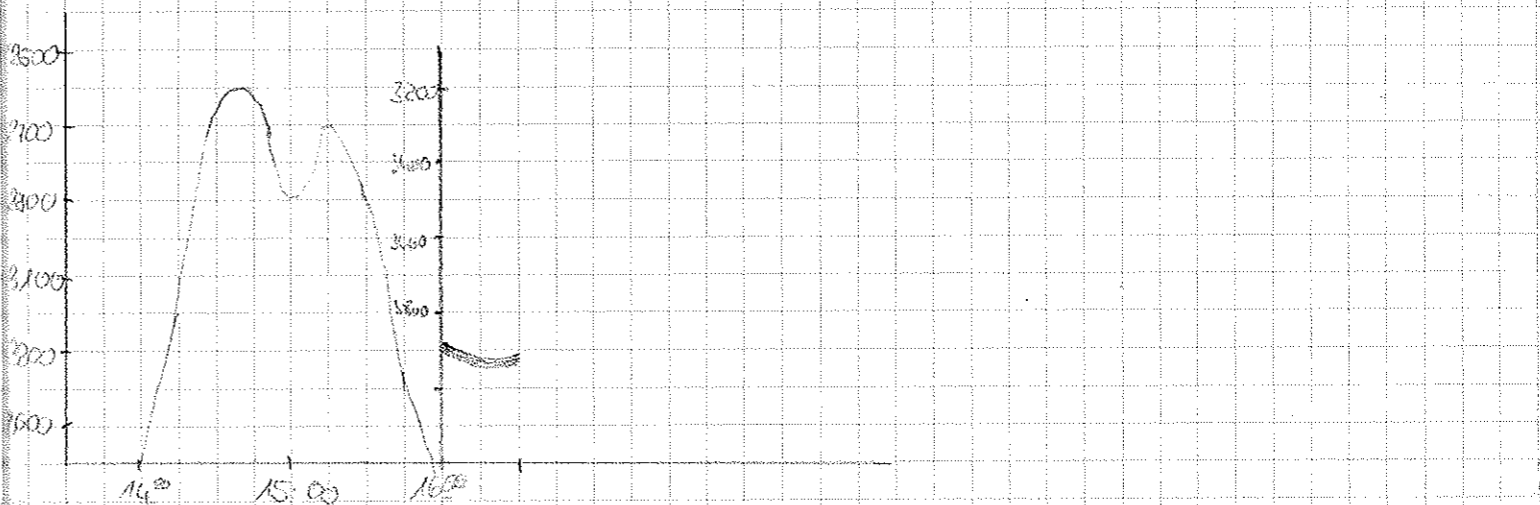
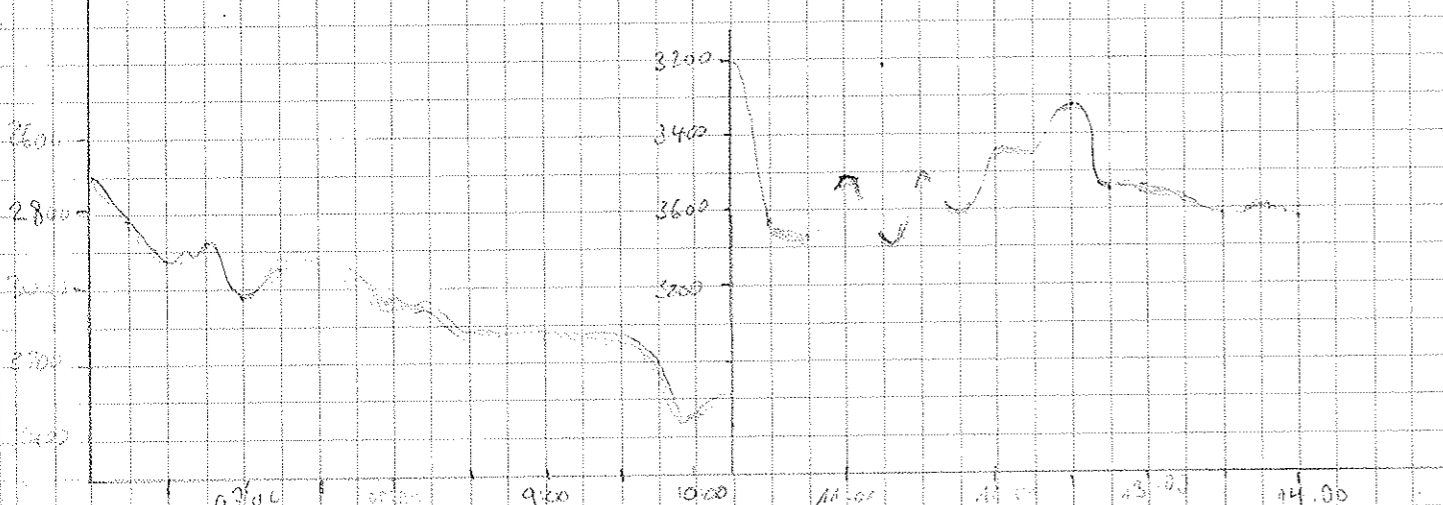
| Datum    | Zeit UTC  | Breite [° S] | Länge [° W] | Tiefe PS | Tiefe WS | Druck [hPa] | Wasser T [°C] | Max. Depth [m] | Temp. PS | Probe | Recond. Sample | Wind Time | Tape No. | Deck Rolle | W. Mark.                       | Handwritten Notes           |
|----------|-----------|--------------|-------------|----------|----------|-------------|---------------|----------------|----------|-------|----------------|-----------|----------|------------|--------------------------------|-----------------------------|
| 24/12/97 | 06:15     | 59° 26.1     | 42° 17.6    | 3834     | 3857     | 9.4         | 65            | 1100           | 4        | 2     | 266            | 0         | 112      | 17         | Wolke                          | ET ~ 50m                    |
|          | 30        | 25.2         | 13.7        | 3825     | 3841     | 9.6         | 66            | 1800           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 45        | 24.0         | 09.2        | 3993     | 4024     | 9.4         | 60            | 2000           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 07:00     | 25.1         | 05.5        | 4085     | -        | 9.4         | 67            | 1300           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 15        | 22.2         | 01.1        | 4039     | 4060     | 9.6         | 68            | 1000           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 30        | 8.1          | 56.5        | 3883     | 3908     | 9.5         | 67            | 600            | "        | "     | "              | "         | "        | "          | "                              | ET ~ 100m                   |
|          | 45        | 20.0         | 51.5        | 3994     | 4015     | 9.7         | 69            | 700            | "        | "     | "              | "         | 113      | "          | "                              | Tape 112 → 113              |
|          | 08:00     | 19.2         | 48.4        | 3980     | 4008     | 9.7         | 64            | 1000           | "        | "     | "              | "         | "        | "          | "                              | ET ~ 75m                    |
|          | 15        | 18.11        | 43.83       | 3966     | 3987     | 9.7         | 64            | 711            | "        | "     | "              | "         | "        | "          | Denke                          | deutlich laminäre Sedimente |
|          | 30        | 17.02        | 39.77       | 3960     | 3982     | 9.5         | 59            | 809            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 45        | 15.88        | 35.64       | 3961     | 3982     | 9.4         | 70            | 1073           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 9:00      | 15.13        | 31.05       | 3953     | 3976     | 9.7         | 69            | 803            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 15        | 14.05        | 26.84       | 3985     | 3957     | 9.7         | 63            | 765            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 30        | 12.89        | 22.78       | 3923     | 3945     | 9.8         | 66            | 2115           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 45        | 11.85        | 18.52       | 3916     | 3939     | 9.8         | 65            | 943            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 10:00     | 10.86        | 14.49       | 3892     | 3915     | 9.6         | 64            | 900            | "        | "     | "              | "         | "        | "          | Reihe                          |                             |
|          | 15        | 09.75        | 09.84       | 3847     | 3871     | 9.6         | 65            | 900            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 30        | 08.77        | 05.69       | 3807     | 3837     | 9.5         | 65            | 700            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 45        | 07.75        | 01.37       | 3792     | 3813     | 9.8         | 65            | 888            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 11:00     | 06.74        | 56.99       | 3782     | 3807     | 9.6         | 65            | 800            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 15        | 05.71        | 52.66       | 3745     | 3766     | 9.8         | 64            | 800            | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 30        | 04.64        | 48.44       | 3732     | 3752     | 10.0        | 64            | 1000           | "        | "     | "              | "         | "        | "          | "                              |                             |
|          | 45        | 03.52        | 43.95       | 3590     | 3615     | 10.2        | 65            | 1000           | "        | "     | "              | "         | "        | "          | "                              | 100 nach oben in 10s.       |
|          | 12:00     | 02.50        | 39.50       | 3501     | 3523     | 10.1        | 65            | 300            | "        | "     | "              | "         | "        | "          | "                              |                             |
| 15       | 01.45     | 35.18        | 3526        | 3541     | 10.0     | 66          | 1300          | "              | "        | "     | "              | "         | "        | TORGE      |                                |                             |
| 30       | 00.64     | 30.84        | 3249        | 3268     | 9.1      | 65          | 900           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 45       | 00.07     | 27.94        | 3017        | ?        | 7.0      | 71          | 500           | "              | "        | "     | "              | "         | "        | "          | unerkennbares Signal - E-feld? |                             |
| 13:00    | 58° 59.50 | 24.75        | 2944        | 2951     | 6.4      | 80          | 1600          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 15       | 58.42     | 20.92        | 2839        | 2847     | 9.9      | 60          | 2000          | "              | "        | "     | "              | 114       | "        | "          | Tapewechsel ET 60 50m          |                             |
| 30       | 57.26     | 16.90        | 2749        | 2760     | 9.9      | 59          | 1100          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 45       | 55.98     | 12.63        | 2623        | 2636     | 10.0     | 59          | 600           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 14:00    | 54.6      | 08.6         | 2669        | 2682     | 10.0     | 53          | 2200          | "              | "        | "     | "              | "         | "        | Seen       | ET = 10m                       |                             |
| 15       | 53.4      | 04.5         | 2669        | 2681     | 9.8      | 69          | 700           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 30       | 52.5      | 40° 00.1     | 2849        | 2857     | 9.8      | 69          | 500           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 45       | 51.7      | 39° 55.7     | 2843        | 2859     | 9.7      | 69          | 2000          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 15:00    | 50.8      | 51.4         | 2911        | 2920     | 9.5      | 62          | 1500          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 15       | 49.6      | 47.3         | 2902        | 2910     | 9.6      | 63          | 1700          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 30       | 48.5      | 43.1         | 2985        | 2992     | 9.7      | 62          | 1800          | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 45       | 47.6      | 38.7         | 3147        | 3170     | 9.9      | 67          | 600           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 16:00    | 46.5      | 34.2         | 3150        | 3161     | 10.1     | 65.5        | 700           | "              | "        | "     | "              | "         | "        | Ullrich    | ET ~ 60m                       |                             |
| 15       | 45.5      | 29.8         | 3167        | 3180     | 10.2     | 64.5        | 700           | "              | "        | "     | "              | "         | "        | "          | ET ~ 50m ; diepin? und immer?  |                             |
| 30       | 44.4      | 25.4         | 3209        | 3221     | 10.3     | 63.5        | 700           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 45       | 43.3      | 21.0         | 3231        | 3247     | 9.4      | 64.4        | 300           | "              | "        | "     | "              | "         | "        | "          |                                |                             |
| 17:00    | 42.2      | 16.5         | 3246        | 3256     | 10.4     | 64.0        | 700           | "              | "        | "     | "              | "         | "        | "          |                                |                             |



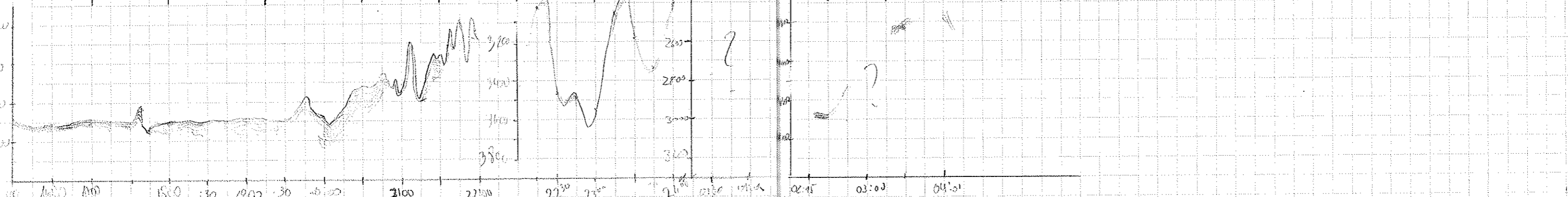
| Datum    | Zeit UTC | Brite [°S] | Länge [°W] | Tiefe PS | Tiefe MS | Geod. [km] | Kurs [°] | Max Amplit. [mV] | 1. Imp. PS | Pulse | Receiv. Length | Wait Time | Tape No. | Deck Rolle | Wache                 | Bemerkungen                             |
|----------|----------|------------|------------|----------|----------|------------|----------|------------------|------------|-------|----------------|-----------|----------|------------|-----------------------|---|
| 24/12/97 | 17:15    | 58° 41.1   | 38° 41.3   | 3232     | 3242     | 10.5       | 64.8     | 800              | 4          | 2     | 2600           | 0         | 114      | 17         | Ulrich                | ET ~ 30m                                |
|          | 17:30    | 40.0       | 07.4       | 3271     | 3273     | 10.4       | 65.1     | 600              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 17:45    | 38.9       | 03.0       | 3338     | 3346     | 10.5       | 64.2     | 2300             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 17:56    | 38.0       | 38° 59.6   | 3357     | 3362     | 10.5       | 63.8     | 1000             | "          | "     | "              | "         | "        | "          | Axel                  | WEIHNACHTEN! 🎄                          |
|          | 18:30    | 35.4       | 49.7       | 3335     | 3341     | 11.0       | 63.4     | 1700             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 18:52    | 33.7       | 42.4       | 3343     | 3357     | 10.8       | 65.0     | 700              | "          | "     | "              | "         | "        | "          | "                     | Tapewechsel 1PS                         |
|          | 19:15    | 31.8       | 35.7       | 3294     | 3294     | 10.7       | 63.6     | 500              | "          | "     | "              | "         | 115      | "          | "                     |   |
|          | 19:33    | 30.2       | 29.0       | 3308     | 3333     | 8.2        | 67.7     | 750              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 20:00    | 29.7       | 23.5       | 3240     | 3255     | 8.4        | 63.1     | 800              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 20:15    | 29.2       | 20.0       | 3285     | 3209     | 8.4        | 62.6     | 400              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 20:30    | 27.3       | 76.8       | 3096     | 3092     | 8.1        | 62.7     | 900              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 20:45    | 26.3       | 73.2       | 3079     | 3086     | 8.0        | 64.2     | 7000             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 21:00    | 25.4       | 09.7       | 3080     | 3088     | 7.9        | 63.3     | 2000             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 21:15    | 24.5       | 06.3       | 3073     | 3087     | 8.1        | 64.3     | 500              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 21:30    | 23.6       | 02.9       | 3077     | 3087     | 8.0        | 64.2     | 7500             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 21:45    | 22.7       | 37° 58.9   | 3091     | 3092     | 6.6        | 71.2     | 1500             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 22:00    | 21.9       | 55.3       | 3081     | 3100     | 8.0        | 76.4     | 2500             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 22:15    | 21.0       | 47.0       | 3138     | 3145     | 7.9        | 57.8     | 1500             | "          | "     | "              | "         | "        | "          | "                     | New mod. Trommeln und<br>gelen          |
|          | 22:30    | 20.00      | 48.3       | 3185     | 3193     | 6.7        | 68.0     | 992              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 22:45    | 18.1       | 44.6       | 3210     | 3219     | 8.1        | 65.0     | 1121             | "          | "     | "              | "         | "        | "          | "                     | gute Resonanz, spricht mehrere<br>Lagen |
| 23:00    | 17.2     | 40.7       | 3192       | 3209     | 9.2      | 67.5       | 988      | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 01:15    | 13.4     | 32.0       | 3198       | 3204     | 4.0      | 66.8       | 615      | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 01:30    | 10.4     | 32.1       | 3200       | 3203     | 6.6      | 68.0       | 853      | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 01:45    | 15.6     | 79.2       | 3210       | 3228     | 6.6      | 48.5       | 624      | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 25/12/97 | 01:00    | 58° 14.9   | 37° 26.3   | 3202     | 3219     | 8.2        | 63.2     | 1400             | "          | "     | "              | "         | "        | "          | Partium               |   |
|          | 01:15    | 58° 14.3   | 37° 22.8   | 3243     | 3261     | 8.6        | 72.6     | 1000             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 01:30    | 58° 13.4   | 37° 19.1   | 3296     | 3310     | 8.7        | 65.3     | 700              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 01:45    | 58° 12.5   | 37° 15.5   | 3272     | 3273     | 8.2        | 65.9     | 530              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 01:00    | 58° 11.7   | 37° 11.7   | 3236     | 3251     | 8.8        | 64.0     | 500              | "          | "     | "              | "         | "        | "          | TAPEWECHSEL 115 → 116 |   |
|          | 01:15    | 58° 10.70  | 37° 08.1   | 3241     | 3254     | 8.9        | 62.2     | 1100             | "          | "     | "              | "         | 116      | "          |                       | "                                       |
|          | 01:30    | 58° 09.8   | 37° 04.2   | 3267     | 3283     | 8.2        | 62.2     | 800              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 01:45    | 58° 08.4   | 37° 00.1   | 3188     | 3197     | 8.2        | 59.4     | 1600             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 02:00    | 58° 07.5   | 36° 56.0   |          | 3187     | 8.5        | 61.5     | 300              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 02:15    | 58° 06.6   | 36° 53.6   | 2326     | 2320     | 8.2        | 64.1     | 400              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 02:30    | 58° 05.6   | 36° 49.3   | 2341     | 2354     | 8.2        | 63.2     | 1000             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 02:45    | 58° 04.8   | 36° 45.3   | 2630     | 2642     | 8.7        | 72.9     | 830              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 03:00    | 58° 04.2   | 36° 41.0   | 2467     | 2475     | 8.9        | 70.2     | 1111!!           | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 03:15    | 58° 03.1   | 36° 38.0   | 2480     | 2491     | 8.9        | 58.9     | 2400             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 03:30    | 58° 01.9   | 36° 34.4   | 2492     | 2506     | 8.9        | 63.0     | 1500             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 03:45    | 58° 01.0   | 36° 30.8   | 2447     | 2458     | 9.0        | 63.1     | 200              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 04:05    | 57° 59.7   | 36° 26.0   | 2407     | 2419     | 8.2        | 65       | 600              | "          | "     | "              | "         | "        | "          | Wach                  |   |
|          | 04:19    | 58.9       | 22.8       | 2382     | 2394     | 8.8        | 66       | 750              | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 04:30    | 58.3       | 20.2       | 2232     | 262.3    | 9.2        | 64       | 1300             | "          | "     | "              | "         | "        | "          | "                     |   |
|          | 04:45    | 57.6       | 12.2       | 2390     | 2392     | 8.8        | 68       | 1900             | "          | "     | "              | "         | "        | "          | "                     |   |
| 05:00    | 56.0     | 08.6       | 2450       | 2457     | 9.0      | 69         | 1200     | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 05:15    | 55.2     | 04.6       | 2584       | 2598     | 8.0      | 67         | 1100     | "                | "          | "     | "              | "         | "        | "          |                       |   |
| 05:30    | 54.2     | 01.4       | 2599       | 2606     | 8.7      | 57         | 1400     | "                | "          | "     | "              | "         | "        | "          |                       |   |



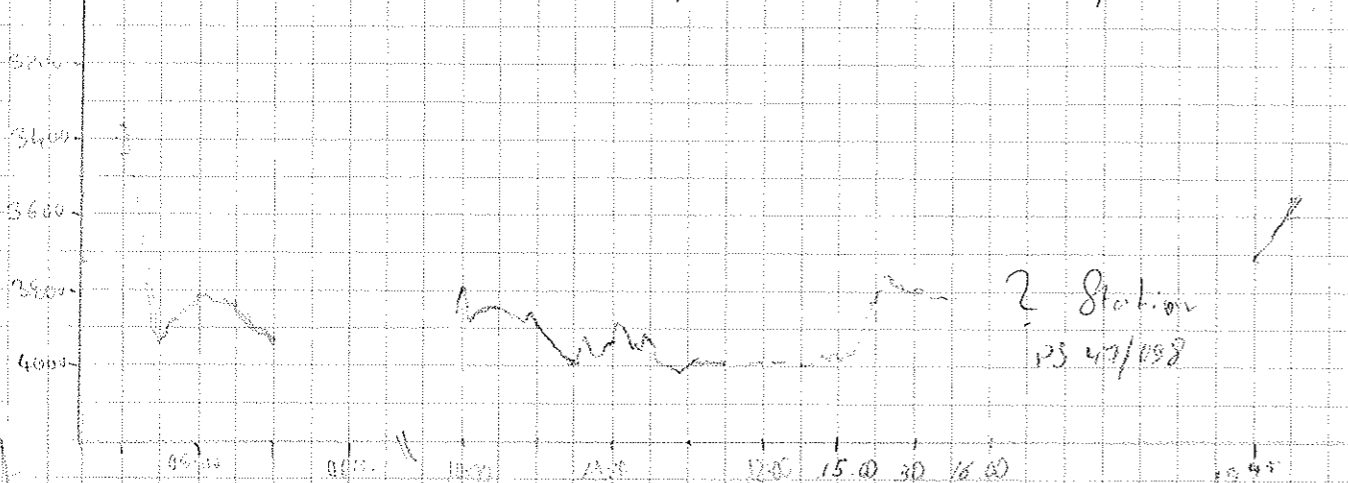
| Datum    | Zeit UTC | BREITE [°S] | LÄNGE [°W] | Tiefe PC | Tiefe HS | Geschw [km] | Kurs [°] | MAX. AMPL. [cm] | RECORO LENGTH | WAIT TIME | DATA NR | DATA NR | NAME | REMARKS |  |
|----------|----------|-------------|------------|----------|----------|-------------|----------|-----------------|---------------|-----------|---------|---------|------|---------|--|
| 29/17/97 | 06:00    | 57° 53.0    | 37° 57.6   | 2692     | 2705     | 8.8         | 62       | 1300            | 2             | 266       | 0       | 116     | 17   | Udler   |  |
|          | 15       | 62.1        | 54.3       | 2804     | 2811     | 8.6         | 62       | 800             | "             | "         | "       | "       | "    | "       |  |
|          | 30       | 57.1        | 50.6       | 2923     | 2936     | 8.7         | 63       | 1000            | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 53.1        | 47.0       | 2892     | 2893     | 8.4         | 62       | 1000            | "             | "         | "       | "       | "    | "       |  |
|          | 07:00    | 48.6        | 43.6       | 3002     | 3026     | 9.3         | 64       | 500             | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 48.4        | 39.5       | 2918     | 2931     | 8.7         | 69       | 1000            | "             | "         | "       | "       | "    | "       | ET ~ 50m   |
|          | 30       | 47.6        | 35.7       | 2978     | 2952     | 8.8         | 69       | 1100            | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 46.9        | 32.0       | 2961     | 2974     | 8.1         | 66       | 1000            | "             | "         | "       | "       | "    | "       |  |
| 08:00    | 15       | 46.1        | 28.7       | 3015     | 3025     | 8.6         | 63       | 800             | "             | "         | "       | "       | 18   | "       | Tapewechsel 11:20/11   |
|          | 30       | 45.1        | 24.9       | 3035     | 3055     | 8.7         | 65       | 1000            | "             | "         | "       | 117     | "    | Udler   |  |
|          | 45       | 44.1        | 21.3       | 3101     | 3110     | 8.5         | 64       | 800             | "             | "         | "       | "       | "    | "       |  |
|          | 09:00    | 43.2        | 17.7       | 3114     | 3123     | 8.4         | 64       | 1000            | "             | "         | "       | "       | "    | "       | ET ~ 50m   |
|          | 15       | 42.3        | 14.2       | 3122     | 3132     | 8.2         | 62       | 1600            | "             | "         | "       | "       | "    | "       | ET ~ 50m   |
|          | 30       | 41.3        | 10.9       | 3119     | 3125     | 8.5         | 61       | 1700            | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 40.3        | 7.7        | 3123     | 3130     | 8.3         | 61       | 2000            | "             | "         | "       | "       | "    | "       |  |
|          | 10:00    | 39.3        | 4.2        | 3194     | 3209     | 8.4         | 60       | 1700            | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 37.5        | 35° 00.5   | 3223     | 3242     | 8.5         | 64       | 1960            | "             | "         | "       | "       | "    | Comms   |  |
|          | 30       | 36.1        | 34° 57.1   | 3252     | 3261     | 8.4         | 67       | 1510            | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 35.7        | 34.8       | 3642     | 3661     | 8.4         | 64       | 2320            | "             | "         | "       | "       | "    | "       |  |
| 11:00    | 15       | 34.8        | 31.3       | 3589     | 3572     | 8.5         | 64       | 590             | "             | "         | "       | "       | "    | "       |  |
|          | 30       | 33.2        | 27.8       | 3690     | 3712     | 8.2         | 65       | 460             | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 33.0        | 24.3       | 3502     | 3520     | 8.1         | 64       | 1200            | "             | "         | "       | "       | "    | "       |  |
|          | 12:00    | 32.3        | 20.9       | 3592     | 3602     | 8.3         | 69       | 1160            | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 31.4        | 17.5       | 3441     | 3457     | 8.0         | 64       | 1000            | "             | "         | "       | "       | "    | Archie  |  |
|          | 30       | 30.6        | 14.1       | 3457     | 3464     | 8.2         | 67       | 2800            | "             | "         | "       | "       | "    | "       | ET ~ 100m  |
|          | 45       | 29.6        | 10.8       | 3318     | 3333     | 8.2         | 56       | 800             | "             | "         | "       | "       | "    | "       |  |
|          | 13:00    | 28.8        | 7.5        | 3356     | 3368     | 8.2         | 72       | 1500            | "             | "         | "       | "       | "    | "       | ET ~ 20m   |
|          | 15       | 28.0        | 4.9        | 3555     | 3566     | 8.4         | 65       | 2000            | "             | "         | "       | "       | "    | "       | ET ~ 30m   |
|          | 30       | 27.1        | 1.3        | 3579     | 3589     | 8.5         | 66       | 1500            | "             | "         | "       | 118     | "    | "       | neu gelbe Patrone + Tapewechsel 13:25  |
|          | 45       | 26.2        | 0.7        | 3614     | 3625     | 8.4         | 67       | 500             | "             | "         | "       | "       | "    | "       |  |
|          | 14:00    | 25.4        | 0.2        | 3600     | 3615     | 8.5         | 59       | 1000            | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 24.2        | 0.9        | 3611     | 3637     | 8.7         | 59       | 500             | "             | "         | "       | "       | "    | "       |  |
|          | 30       | 23.31       | 01.93      | 3155     | 3292     | 7.3         | 60       | 600             | "             | "         | "       | "       | "    | Denise  | meistens kein Signal   |
|          | 45       | 22.68       | 58.41      | 2542     | 2610     | 8.0         | 70       | 497             | "             | "         | "       | "       | "    | "       | 14:30 auf Modus 1 umgeschaltet - hat auch mix gebracht / 15:00 wieder Modus 1 beim Umschalten verliert er 25 Takte sofort wieder |
|          | 15:00    | 21.94       | 55.14      | 2611     | 2611     | 8.3         | 67       | 846             | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 21.10       | 51.76      | 2914     | 2922     | 8.1         | 63       | 1560            | "             | "         | "       | "       | "    | "       |  |
|          | 30       | 20.08       | 48.23      | 2711     | 2711     | 8.2         | 60       | 796             | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 19.07       | 46.27      | 2869     | 2887     | 7.2         | 67.5     | 446             | "             | "         | "       | "       | "    | "       |  |
|          | 16:00    | 18.36       | 42.74      | 2290     | 2290     | 8.2         | 68       | 463             | "             | "         | "       | "       | "    | "       |  |
|          | 15       | 17.6        | 39.2       | 3888     | 3902     | 8.3         | 68.9     | 2000            | "             | "         | "       | "       | "    | Ulrich  | ET ~ 20m   |
|          | 30       | 16.8        | 35.7       | 3821     | 3831     | 7.8         | 64.1     | 2500            | "             | "         | "       | "       | "    | "       |  |
|          | 45       | 15.8        | 32.5       | 3819     | 3825     | 7.9         | 63.7     | 2800            | "             | "         | "       | "       | "    | "       |  |



| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe HS | Geschw. [km] | Kurs [°] | Max. Ampl. [kmV] | freq | Pulse | Pace of Length | Wait Time | Tape No. | Dev. No. | Wache   | Bemerkungen                                  |                          |
|----------|----------|-------------|------------|----------|----------|--------------|----------|------------------|------|-------|----------------|-----------|----------|----------|---------|--|--------------------------|
| 25/12/87 | 16:45    | 57° 15.1    | 33° 25.1   | 3894     | 3823     | 7.8          | 64.6     | 2500             | 4    | 2     | 266            | 0         | 18       | 18       | Ulrich  | ET ~ 50m                                     |                          |
|          | 17:00    | 15.2        | 25.2       | 3886     | 3806     | 8.1          | 59.4     | 1100             | "    | "     | "              | "         | "        | "        | "       | ET ~ 60m                                     |                          |
|          | 17:15    | 13.3        | 22.7       | 3880     | 3808     | 7.9          | 64.1     | 1500             | "    | "     | "              | "         | "        | "        | "       | ET ~ 60m                                     |                          |
|          | 17:30    | 12.2        | 18.7       | 3901     | 3920     | 10.2         | 66.5     | 1800             | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 17:45    | 11.5        | 14.5       | 3949     | 3967     | 8.5          | 95.3     | 1800             | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 18:00    | 11.98       | 09.59      | 3909     | 3932     | 12.0         | 100.2    | 1000             | "    | "     | "              | "         | "        | "        | Barbaco | ET ~ 80m                                     |                          |
|          | 18:15    | 12.52       | 06.13      | 3894     | 3914     | 13.4         | 100.8    | 1300             | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 18:30    | 13.11       | 32° 58.38  | 3898     | 3923     | 13.8         | 100.7    | 1300             | "    | "     | "              | "         | "        | "        | "       | "  | ET ~ 100m                |
|          | 18:45    | 13.64       | 52.58      | 3894     | 3917     | 13.0         | 94.8     | 1100             | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 19:00    | 13.96       | 46.60      | 3874     | 3895     | 13.1         | 93.8     | 900              | "    | "     | "              | "         | "        | "        | "       | "  | ET > 100m                |
|          | 19:15    | 14.20       | 40.64      | 3869     | 3891     | 13.1         | 95.5     | 700              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 19:30    | 14.50       | 34.43      | 3907     | 3932     | 13.1         | 95.9     | 900              | "    | "     | "              | "         | 119      | 0        | 0       | 19.27  | TAPB WECHSEL             |
|          | 19:45    | 14.84       | 28.64      | 3763     | 3795     | 13.3         | 95.4     | 600              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 20:00    | 15.4        | 22.6       | 3875     | 3910     | 13.2         | 102      | 400              | "    | "     | "              | "         | "        | "        | Sten    | ET > 150m                                    |                          |
|          | 20:15    | 15.9        | 16.7       | 3836     | 3875     | 13.3         | 97       | 500              | "    | "     | "              | "         | "        | "        | "       | "  | "                        |
|          | 20:30    | 16.2        | 06.9       | 3712     | 3737     | 13.4         | 92       | 800              | "    | "     | "              | "         | "        | "        | "       | "  | "                        |
|          | 20:45    | 16.2        | 32° 04.6   | 3656     | 3688     | 13.3         | 92       | 500              | "    | "     | "              | "         | "        | "        | "       | "  | ET < 50m                 |
|          | 21:00    | 16.4        | 31° 58.4   | 3743     | 3763     | 13.3         | 91       | 1000             | "    | "     | "              | "         | "        | "        | "       | "  | ET ~ 30m                 |
|          | 21:15    | 16.4        | 51.6       | 3765     | 3780     | 13.1         | 90       | 400              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 21:30    | 16.3        | 46.4       | 3572     | 3600     | 13.3         | 90       | 600              | "    | "     | "              | "         | "        | "        | "       | "  | ET > 100m                |
|          | 21:45    | 16.3        | 40.3       | 3289     | 3340     | 13.2         | 91       | 300              | "    | "     | "              | "         | "        | "        | "       | "  | ET > 50m                 |
|          | 22:00    | 16.6        | 34.4       | 3461     | 3482     | 13.1         | 95       | 200              | "    | "     | "              | "         | "        | "        | "       | "  | "                        |
|          | 22:15    | 57° 16.8    | 31° 28.3   | 3034     | 3120     | 13.1         | 96       | 425              | "    | "     | "              | "         | "        | "        | "       | Sten   | "                        |
|          | 22:30    | 17.1        | 22.6       | 3468     | 3458     | 12.9         | 94       | 271              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
| 22:45    | 17.3     | 16.8        | 3496       | 3487     | 13.0     | 95           | 505      | "                | "    | "     | "              | "         | "        | "        | "       | ET ~ 40m                                     |                          |
| 23:00    | 17.6     | 10.9        | 3543       | 3573     | 13.0     | 91           | 671      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |
| 23:15    | 17.7     | 4.9         | 3059       | 3100     | 12.6     | 93           | 280      | "                | "    | "     | "              | "         | "        | "        | "       | un. detect. Signal, alle falls beachtenswert |                          |
| 23:30    | 17.8     | 30° 59.4    | 3189       | 3236     | 12.8     | 93           | 200      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |
| 23:45    | 18.0     | 53.7        | 3321       | 3365     | 11.5     | 96           | 172      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |
| 24:00    | 18.2     | 48.2        | 3005       | 3025     | 12.6     | 94           | 536      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |
| 26/12/87 | 00:15    | 57° 18.5    | 30° 42.5   | 2905     | down     | 11.2         | 94.2     | 400              | "    | "     | "              | "         | "        | "        | Portman | HS down                                      |                          |
|          | 00:30    | 57° 18.0    | 30° 39.0   | 2982     | 3153     | 12.0         | 109.2    | 500              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 00:45    | 57° 18.6    | 30° 32.1   | 2916     | 2914     | 12.6         | -        | 200              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 01:00    | 57° 18.3    | 30° 26.8   | 2615     | 2647     | 12.8         | 104.1    | 400              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 01:15    | 57° 19.1    | 30° 19.2   | 3072     | 3096     | 11.0         | 90       | 400              | "    | "     | "              | "         | 120      | "        | "       | 01:05 TAPB WECHSEL 119-120                   |                          |
|          | 01:30    | 57° 21.1    | 30° 18.5   | 3284     | 3284     | 12.9         | 91.5     | 500              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 01:45    | 57° 21.2    | 30° 08.5   | 2344     | ?        | 11.3         | 80.5     | 600              | "    | "     | "              | "         | "        | "        | "       | HS down                                      | TV-Tropf = unklar        |
|          | 02:00    | 57° 19.9    | 30° 08.9   | 4025     | 4096     | 12.1         | 804.7    | 550              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 02:15    | 57° 18.1    | 30° 11.6   | 4267     | 4284     | 12.0         | 804.7    | 280              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 02:30    | 57° 16.2    | 30° 16.9   | 3780     | 3923     | 12.6         | 804.5    | 480              | "    | "     | "              | "         | "        | "        | "       | "  | PS + HI-TIEFE            |
|          | 02:45    | 57° 14.9    | 30° 20.4   | 4111     | 4195     | 12.8         | 804.8    | 250              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 03:00    | 57° 16.8    | 30° 20.9   | 3950     | 3954     | 12.0         | 804.3    | 730              | "    | "     | "              | "         | "        | "        | "       | "  | ET 11.6 mit PS-TIEFE WEG |
|          | 03:15    | 57° 09.5    | 30° 27.0   | ?        | 3878     | 11.6         | 354.2    | 400              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
|          | 03:30    | 57° 06.8    | 30° 29.5   | 3784     | 3832     | 12.5         | 354.4    | 700              | "    | "     | "              | "         | "        | "        | "       | "  |                          |
| 03:45    | 57° 04.7 | 30° 28.0    | 3628       | 3682     | 13.0     | 346.5        | 250      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |
| 04:00    | 57° 01.0 | 30° 29.4    | 3600       | 3664     | 13.3     | 346          | 300      | "                | "    | "     | "              | "         | "        | "        | "       |  |                          |

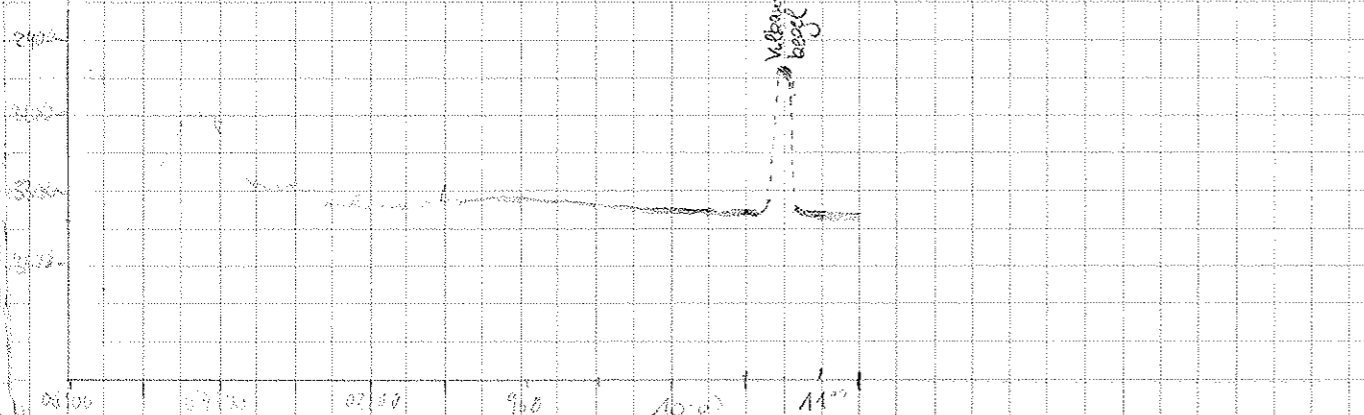


| DATE     | Zeit<br>[h:m] | BREITE<br>[°S] | LÄNGE<br>[°W] | TIEFE<br>PS | TIEFE<br>MS | SPEED<br>DRAG | KURS<br>[°] | MAX ANGE<br>[cm/s] | RECORD<br>LENGTH | WAIT<br>TIME | TYPE<br>-NO- | DISUSE<br>NO | UACH    | BEMERKUNGEN                                 |  |
|----------|---------------|----------------|---------------|-------------|-------------|---------------|-------------|--------------------|------------------|--------------|--------------|--------------|---------|---|--|
| 26/11/97 | 04:15         | 56°57,5        | 30°31,1       | 3725        | 3770        | 11,6          | 308         | 200                | 266              | 0            | 120          | 18           | Abbruch |   |  |
|          | 38            | 56,8           | 37,4          | 3371        | 3441        | 12,4          | 220         | 200                | "                | "            | "            | "            | "       |   |  |
|          | 45            | 56,1           | 42,1          | 3945        | 3963        | 11,5          | 350         | 400                | "                | "            | "            | "            | "       |   |  |
|          | 05:00         | 53,2           | 43,0          | 3810        | 3839        | 12,5          | 321         | 800                | "                | "            | "            | "            | "       |   |  |
|          | 15            | 50,1           | 43,7          | 3024        | 3965        | 12,9          | 351         | 350                | "                | "            | "            | "            | "       | 15 Doppel Lichte                            |  |
|          | 30            | 47,0           | 44,5          | 3421        | 3979        | 12,5          | 2           | 540                | "                | "            | "            | "            | "       |   |  |
|          | 45            | 44,0           | 44,5          | 3957        | 3992        | 11,7          | 0,6         | 500                | "                | "            | "            | "            | "       |   |  |
|          | 06:00         | 40,7           | 44,6          | 3           | 3972        | 13,3          | 385         | 200                | "                | "            | "            | "            | "       |   |  |
|          | 16            | 37,3           | 44,5          | 3906        | 3945        | 13,3          | 360         | 350                | "                | "            | "            | "            | "       |   |  |
|          | 32            | 34,0           | 44,5          | 3711        | 3851        | 12,4          | 5,2         | 760                | "                | "            | "            | "            | "       |   |  |
|          | 45            | 32,4           | 44,3          | 3877        | 3928        | 5,0           | 60          | 730                | "                | "            | 121          | "            | "       | Anfang PS 47096 (DRE O&E) Rec. off          |  |
|          | 07:00         | 32,3           | 43,7          | 3885        | 3925        | 0,5           | 67          | 7000               | "                | 60           | "            | "            | "       | End. Prof. off Wait Time 60                 |  |
|          | 15            |                |               |             |             |               |             |                    | "                | "            | "            | "            | "       |   |  |
|          | 30            |                |               |             |             |               |             |                    | "                | "            | "            | "            | "       |   |  |
|          | 45            |                |               |             |             |               |             |                    | "                | "            | "            | "            | "       |   |  |
|          | 08:00         | 32,5           | 44,6          | 3864        | 3940        | 1,1           | 214         | 1400               | "                | "            | "            | "            | "       |   |  |
|          | 8:54          | 32,72          | 43,91         | 3862        | 3932        | 0,5           | 72          | 1555               | "                | "            | "            | "            | Denise  | g <sup>30</sup> One Prof on Rec on - Beginn |  |
|          | 10:00         | 33,58          | 44,14         | 3799        | 3904        | 7,1           | 179         | 222                | "                | "            | "            | "            | "       | der Reisegeleit                             |  |
|          | 15            | 35,7           | 44,1          | 3852        | 3882        | 3,1           | 185         | 500                | "                | "            | "            | "            | Willy   | Vorgelung zu Dredge-Station 4, 145m         |  |
|          | 30            | 37,9           | 44,3          | 3833        | 3860        | 3,2           | 184         | 250                | "                | "            | "            | "            | "       |   |  |
|          | 45            | 40,1           | 44,2          | 3980        | 4001        | 5,1           | 118         | 300                | "                | "            | "            | "            | "       |   |  |
|          | 11:00         | 42,3           | 44,2          | 3994        | 3983        | 8,4           | 171         | 360                | "                | "            | "            | "            | "       |   |  |
|          | 15            | 44,4           | 44,1          | 3923        | 3977        | 8,3           | 182         | 1700               | "                | "            | "            | "            | "       |   |  |
|          | 30            | 46,3           | 44,0          | 4000        | 4015        | 7,3           | 175         | 600                | "                | "            | "            | "            | "       | 11:33 Abbruch Dredge-Station PS47/097       |  |
|          | 45            | 46,64          | 44,01         | 3991        | 4007        | 0,2           | 265         | 1500               | "                | "            | "            | "            | "       | Station 4                                   |  |
|          | 12:00         | 46,7           | 44,1          | 3992        | 4007        | 0,5           | 147         | 1500               | "                | 60           | "            | "            | Udo     | Das, andere Prof. off                       |  |
|          | 12:33         | 46,8           | 44,0          | 3979        | 4006        | 1,2           | 211         | 1500               | "                | "            | "            | "            | Anke    | } Dredge-Station                            |  |
|          | 13:15         | 47,4           | 43,7          | 3986        | 4014        | 0,8           | 202         | 2000               | "                | "            | "            | "            | "       |   |  |
|          | 13:54         | 47,1           | 43,6          | 3971        | 3996        | 0,8           | 95          | 1500               | "                | "            | "            | "            | "       |   |  |
|          | 14:46         | 47,35          | 43,76         | 3969        | 3980        | 7,8           | 199         | 1000               | "                | 0            | "            | "            | Barbara | STATION BE ENDET                            |  |
|          | 15:00         | 48,9           | 43,57         | 3966        | 3984        | 7,9           | 176         | 500                | "                | "            | "            | "            | "       |   |  |
|          | 15            | 51,16          | 43,02         | 3817        | 3840        | 9,8           | 173         | 300                | "                | "            | "            | "            | "       |   |  |
|          | 30            | 53,33          | 43,59         | 3790        | 3835        | 6,2           | 174         | 400                | "                | "            | "            | "            | "       |   |  |
|          | 45            | 55,45          | 43,13         | 3838        | 3865        | 9,3           | 176         | 300                | "                | "            | "            | "            | "       |   |  |
|          | 15:48         | 55,84          | 43,13         | 3905        | 3938        | 1,3           | 219         | 2500               | "                | 60           | "            | "            | "       | STATION PS 47/097 REC OFF                   |  |
|          | 16:45         | 56,0           | 41,7          | 3858        | 3955        | 0,3           | 176         | 1300               | "                | "            | "            | "            | Axel    |   |  |
|          | 17:12         | 56,0           | 41,8          | 3857        | 3923        | 1,2           | 276         | 1600               | "                | "            | "            | "            | "       |   |  |
|          | 18:00         | 56,43          | 30° 42,12     | 3968        | 3992        | 1,4           | 203         | 1593               | "                | "            | "            | "            | "       |   |  |
|          | 30            | 56,62          | 42,47         | 3974        | 3998        | 0,3           | 224         | 1376               | "                | "            | "            | "            | "       |   |  |
|          | 19:00         | 56,63          | 42,64         | 3978        | 4001        | 0,3           | 250         | 1285               | "                | "            | "            | "            | "       | kein Signal                                 |  |
|          | 19:30         | 56,68          | 42,85         | 3962        | 4002        | 4,1           | 192         | 1521               | "                | "            | "            | "            | "       |   |  |
|          | 35            | "              | "             | "           | "           | "             | "           | "                  | "                | 0            | "            | "            | "       | 17:10, End. Prof. an Station PS47/098       |  |
|          | 19:45         | 58,13          | 40,30         | 3704        | 3874        | 7,5           | 128         | 1270               | "                | "            | "            | "            | "       | ET ~ 20m                                    |  |
|          | 20:00         | 52,43          | 37,44         | 3457        | 3459        | 5,            | 120         | 338                | "                | "            | "            | "            | "       |   |  |





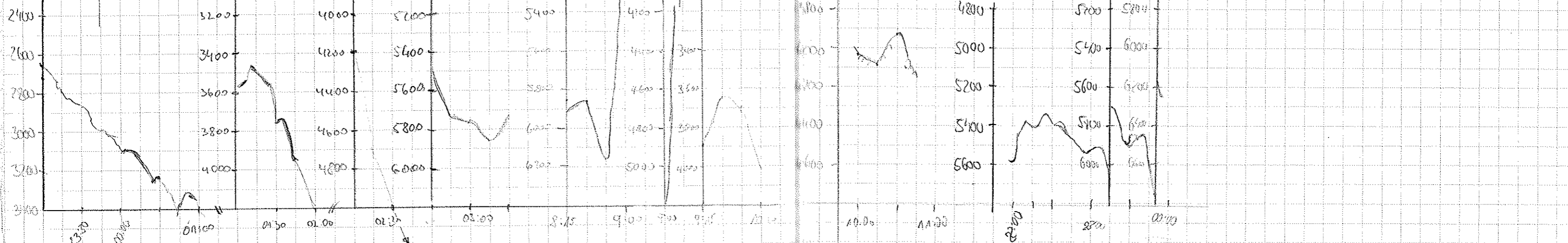
| Datum    | ZEIT<br>UTC | BREITE<br>[°S] | LÄNGE<br>[°W] | TIEFE<br>PS [m] | TIEFE<br>HS [m] | GESCHW.<br>[km/h] | KURS<br>[°] | MAX. Tmp.<br>[mV] | AREA | PULSE | RECORD<br>LENGTH | WAIT<br>TIME | TAPE<br>NO. | DESO<br>ROLLE | WACHE   | BEMERKUNG                       |   |
|----------|-------------|----------------|---------------|-----------------|-----------------|-------------------|-------------|-------------------|------|-------|------------------|--------------|-------------|---------------|---------|---------------------------------|---|
| 26/12/97 | 20:15       | 57°00,72       | 30°34,5       | 3360            | 3532            | 9,4               | 130         | 270               | 4    | 2     | 266              | 0            | 121         | 18            | Katja   | baum Signal, 27. fahle Tiefen   |   |
|          | 30          | 02,2           | 31,4          | ✓               | 3427            | 8,4               | 131         | 240               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 20:58       | 03,8           | 29,1          | 3715            | 3740            | 0,1               | 219         | 1500              | "    | "     | "                | 60           | "           | "             | "       | 2050 Dredgelation 47044         |   |
|          | 23:50       | 57°04,5        | 30°27,3       | 3584            | 3623            | 7,7               | 157         | 400               | "    | "     | "                | 0            | "           | "             | Uliel   | PS 47044 Ende                   |   |
| 27/12/97 | 00:00       | 05,8           | 26,4          | 3670            | 3712            | 10,2              | 160         | 370               | "    | "     | "                | "            | "           | "             | Con     | 0:02 Topwechsel zu 122          |   |
|          | 01:15       | 57°08,1        | 30°24,8       | 3720            | 3780            | 10,0              | 152,5       | 230               | "    | "     | "                | "            | 122         | "             | Paulhan |                                 |   |
|          | 03:30       | 57°10,2        | 30°23,2       | 4053            | 4012            | 9,3               | 149,5       | 500               | "    | "     | "                | 60           | "           | "             | "       | 0:40 Dredge WAIT TIME 60        |   |
|          | 02:35       | 57°11,9        | 30°15,6       | 4297            | 4153            | 8,1               | 157,9       | 450               | "    | "     | "                | 0            | "           | "             | Paulhan | STATIONENNE DRESDEN             |   |
|          | 04:45       | 57°14,4        | 30°12,5       | 4169            | 4220            | 10,0              | 132,0       | 350               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 05:00       | 57°16,3        | 30°12,8       | 3765            | 3862            | 3,3               | 131,0       | 300               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 08:08       | 12,1           | 12,0          | 4112            | 4264            | 8,7               | 128         | 1700              | "    | "     | "                | 60           | "           | "             | Uliel   | Deso 10.1 Prof. off Waillim 6.6 |   |
| 07       | 07:23       | 57°18,0        | 30°10,8       | 4259            | 4279            | 9,4               | 357         | 1000              | "    | "     | "                | 10           | "           | "             | "       | alles an, 1. Ende Station 47109 |   |
|          | 15:3        | 15,6           | 10,5          | 4262            | 4283            | 0,3               | 285         | 1700              | "    | "     | "                | 60           | "           | "             | "       | Station PS 47102 CTD            |   |
|          | 8:40        | 15,6           | 10,9          | 4258            | 4285            | 1,0               | 250         | 2300              | "    | "     | "                | "            | "           | "             | Genise  |                                 |   |
|          | 9:15        | 15,1           | 12,5          | 3900            | 3944            | 1,1               | 319         | 1976              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 10:45       |                |               |                 |                 |                   |             |                   |      |       |                  |              |             |               |         |                                 | ALLES AUS, Sauerbrunnen,<br>Muskel mit 1000m, 10m<br>Fahle Tiefen |
|          |             |                |               |                 |                 |                   |             |                   |      |       |                  |              |             |               |         |                                 |   |
| 29/12/97 | 06:02       | 58°59,4        | 29°39,5       | 3399            | 3466            | 12,8              | 41          | 200               | 4    | 2     | 266              | 0            | 123         | 18            | Uliel   | Ende Dresden, alles wieder an!  |   |
|          | 15          | 57,5           | 32,4          | 3561            | 3581            | 11,5              | 43          | 500               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 30          | 55,1           | 28,6          | 3305            | 3357            | 12,2              | 38          | 6600              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 04          | 53,2           | 25,5          | 3105            | 3128            | 12,2              | 38          | 300               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 09:05       | 49,6           | 20,5          | 3122            | 3075            | 12,1              | 35          | 700               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 17          | 47,8           | 17,6          | 3289            | 3100            | 9,6               | 32          | 700               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 37          | 46,0           | 14,5          | 3292            | 3207            | 12,7              | 62          | 300               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 45          | 43,4           | 10,1          | 3343            | 3353            | 12,2              | 64          | 300               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 50:01       | 41,1           | 09,9          | 3339            | 3350            | 13,0              | 41          | 4500              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 13          | 38,7           | 01,8          | 2332            | 3344            | 13,2              | 41          | 3900              | "    | "     | "                | "            | "           | "             | Commen  |                                 |   |
|          | 30          | 36,2           | 28°57,8       | 3279            | 3287            | 13,2              | 34,4        | 1400              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 38          | 33,7           | 53,9          | 3308            | 3315            | 13,2              | 39          | 1600              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 39:04       | 31,1           | 49,8          | 3308            | 3318            | 13,3              | 39          | 3260              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 40          | 28,5           | 45,8          | 3312            | 3327            | 13,2              | 37          | 1800              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 45          | 25,6           | 43,1          | 3322            | 3330            | 13,1              | 43,7        | 5600              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 50          | 23,0           | 40,4          | 3335            | 3343            | 13,0              | 43,5        | 6600              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 50:07       |                |               | 38,8            | 3345            | 3350              | 10,4        | 37,7              | 5600 | "     | "                | "            | "           | "             | "       | "                               |   |
|          | 15          | 17,8           | 35,2          | 3345            | 3354            | 9,9               | 44,2        | 2930              | "    | "     | 266              | "            | "           | "             | Babette |                                 |   |
|          | 30          | 15,9           | 30,9          | 3350            | 3359            | 13,2              | 50,1        | 6017              | "    | "     | "                | "            | "           | "             | "       |                                 |   |
|          | 45          | 14,5           | 26,3          | 2963            | 3026            | 9,9               | 63,8        | 500               | "    | "     | "                | "            | "           | "             | "       |                                 |   |
| 11:00    | 13,3        | 21,7           | 3354          | 3528            | 8,2             | 62,9              | 2800        | "                 | "    | "     | "                | "            | "           | "             |         |                                 |   |
| 15       | 12,2        | 16,9           | 3358          | 3368            | 13,0            | 68,0              | 3400        | "                 | "    | "     | "                | "            | "           | "             |         |                                 |   |



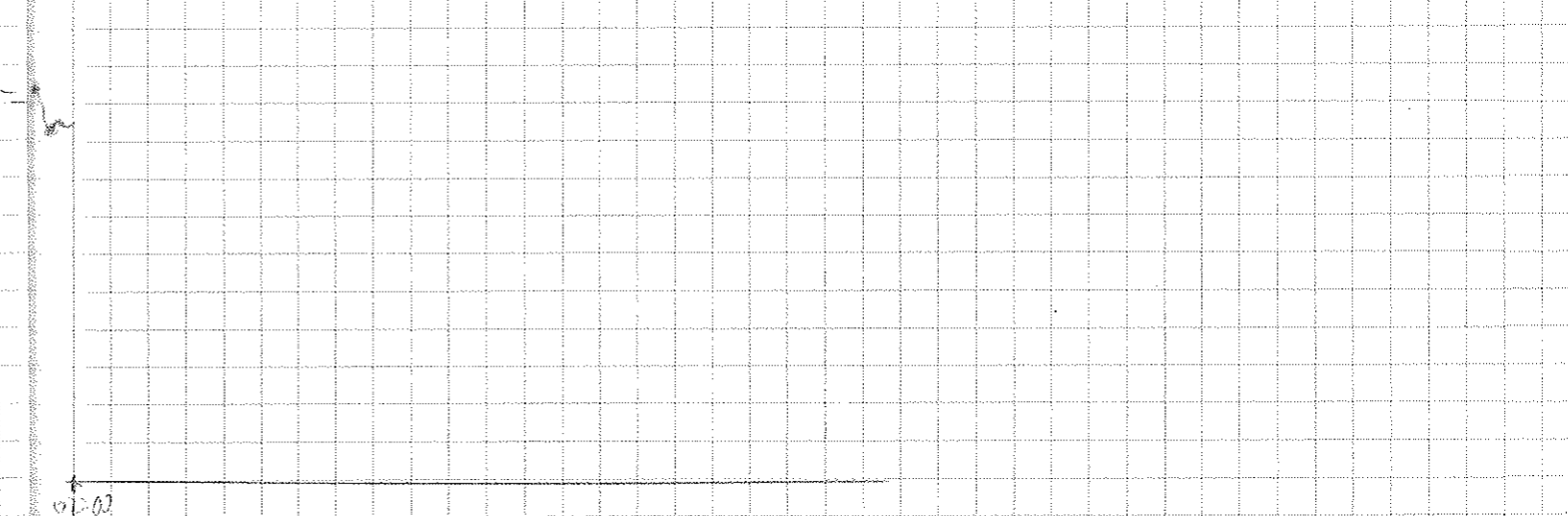
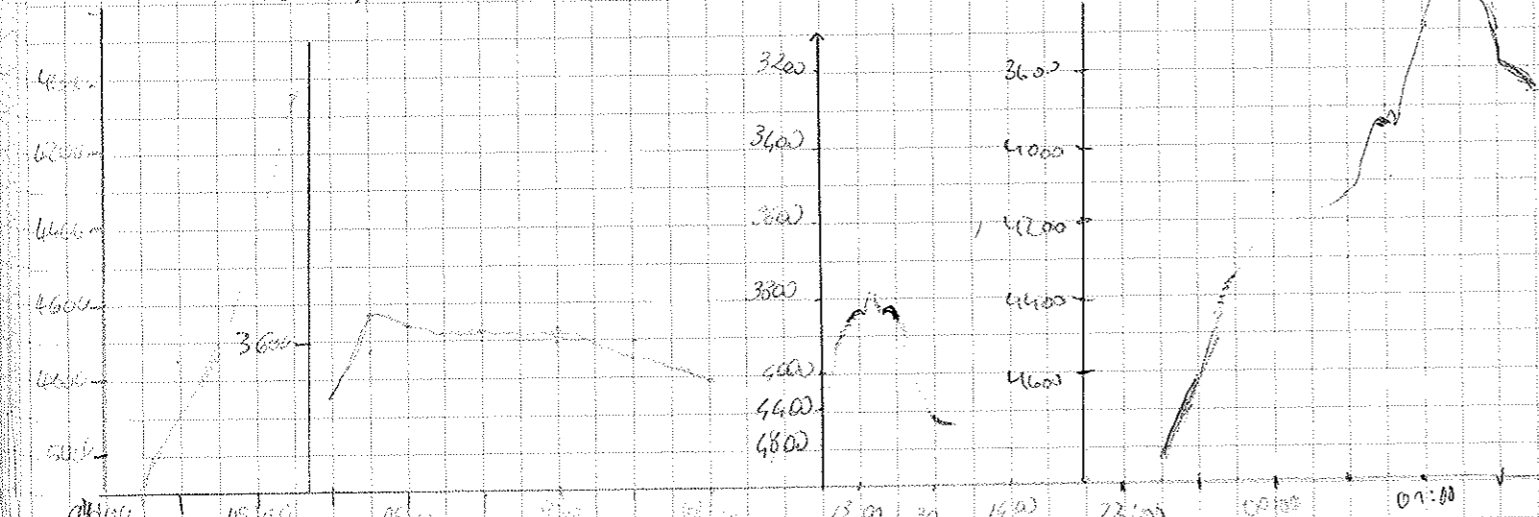
| DATE     | TIME UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS [m] | TIEFE HS [m] | GESCHW. [kn] | KURS [°] | MAX. ATP. [mV] | REQ | PULSE | RECORD LENGTH | WAIT TIME | TAPE NO | DESO ROLL | WACHE   | BEMERKUNGEN   |
|----------|----------|-------------|------------|--------------|--------------|--------------|----------|----------------|-----|-------|---------------|-----------|---------|-----------|---------|---|
| 23/12/37 | 11:30    | 58° 11,1    | 28° 11,5   | 3351         | 3352         | 12,9         | 64,4     | 180            | 4   | 2     | 266           | 0         | 123     | 18        | Babette | TAPWECHSEL 11:32 → NR 124   |
|          | 11:45    | 09,8        | 05,7       | 3349         | 3358         | 13,1         | 68,4     | 3800           | "   | "     | "             | "         | 124     | "         | "       | ET ~ 25m  |
|          | 12:00    | 58° 8,5     | 28° 11,1   | 3349         | 3359         | 13,1         | 65       | 3840           | "   | "     | "             | "         | "       | "         | (Lied)  |   |
|          | 15       | 1,2         | 27° 57,5   | 3352         | 3357         | 13,1         | 65       | 1655           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 30       | 5,9         | 49,8       | 3320         | 3328         | 12,0         | 65       | 3217           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 45       | 4,5         | 13,6       | 3322         | 3310         | 13,0         | 65       | 3062           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 13:00    | 3,3         | 37,9       | 3281         | 3220         | 11,9         | 73       | 3627           | "   | "     | "             | "         | "       | "         | "       | ET durchweg < 20m   |
|          | 15       | 2,0         | 32,1       | 3251         | 3259         | 11,5         | 66       | 3100           | "   | "     | "             | "         | "       | "         | "       | Signal kadelllos  |
|          | 30       | 1,0         | 27,1       | 3206         | 3257         | 12,9         | 72       | 1425           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 45       | 57° 59,9    | 21,1       | 3137         | 3165         | 11,9         | 69       | 3064           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 14:00    | 58,53       | 15,75      | 3038         | 3080         | 12,7         | 59,1     | 3100           | "   | "     | "             | "         | "       | "         | Barbara | 10m < ET < 20m  |
|          | 15       | 57,22       | 11,23      | 3003         | 3013         | 12,9         | 40,1     | 2000           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 30       | 55,74       | 05,05      | 2925         | 2917         | 13,9         | 70,2     | 2500           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 45       | 54,61       | 26° 59,27  | 2818         | 2833         | 13,1         | 66,9     | 1500           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 15:00    | 53,36       | 53,84      | 2609         | 2618         | 13,3         | 62,9     | 2300           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 15       | 51,04       | 48,77      | 2208         | 2403         | 12,5         | 64       | 2400           | "   | "     | "             | "         | "       | "         | "       | 3. Segment  |
|          | 30       | 50,43       | 42,94      | 1655         | 1680         | 13,1         | 70,8     | 300            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 45       | 48,22       | 26° 45,0   | 1670         | 1682         | 13,3         | 83,6     | 300            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 16:00    | 57° 45,2    | 42,5       | 1875         | 1892         | 13,4         | 327      | 1300           | "   | "     | "             | "         | "       | "         | Anke    |   |
|          | 15       | 42,2        | 42,5       | 2039         | 2049         | 13,4         | 33,5     | 800            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 30       | 39,4        | 49,1       | 2011         | 2020         | 12,9         | 37,1     | 500            | "   | "     | "             | "         | "       | "         | "       | steil aufwärts zum submarinen Vulkan                              |
|          | 45       | 36,8        | 53,2       | 613          | 633          | 13,3         | 37,1     | 600            | "   | "     | "             | "         | "       | "         | "       | ca. 15km NW-Saumess (min. Tiefe ca. 16:47 (wider Signal - 375 m)) |
|          | 17:00    | 35,8        | 53,1       | 1156         | 1181         | 12,9         | 14       | 300            | "   | "     | "             | "         | "       | "         | "       | 16:47 (wider Signal - 375 m)                                      |
|          | 15       | 30,5        | 51,5       |              | 2444         | 13,5         | 15       | 1000           | "   | "     | "             | "         | "       | "         | "       | 17:00 (wider Signal - 375 m)                                      |
|          | 17:00    | 24,4        | 51,0       | 2654         | 2661         | 13,2         | 18       | 1100           | "   | "     | "             | "         | "       | "         | "       | 17:00 (wider Signal - 375 m)                                      |
|          | 15       | 22,5        | 50,3       | 2731         | 2731         | 13,2         | 12       | 1200           | "   | "     | "             | "         | "       | "         | Anke    |   |
|          | 30       | 21,3        | 48,9       | 2397         | 2447         | 13,4         | 13,1     | 500            | "   | "     | "             | "         | "       | "         | "       | ET ~ 10m  |
|          | 45       | 21,1        | 47,56      | 2688         | 2646         | 13,1         | 12,4     | 4612           | "   | "     | "             | "         | "       | "         | Denise  |   |
|          | 18:00    | 17,83       | 46,28      | 2301         | 2328         | 13,2         | 17,0     | 426            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 15       | 14,68       | 44,45      | -            | 1935         | 13,0         | 16,9     | 600            | "   | "     | "             | "         | 125     | "         | "       | Tapewechsel 124 → 125   |
|          | 30       | 11,66       | 42,82      | -            | 1535         | 12,8         | 19,4     | 553            | "   | "     | "             | "         | "       | "         | "       | 18:00 in den Modus 1 geschaltet                                   |
|          | 45       | 08,69       | 40,45      | 925          | 928          | 12,8         | 16,0     | 404            | "   | "     | "             | "         | "       | "         | "       | vorher keine Tiefe  |
|          | 19:00    | 05,21       | 38,90      | -            | 809          | 12,4         | 360      | 468            | "   | "     | "             | "         | "       | "         | "       | 19:00 Ankunft Großmass Deso                                       |
|          | 15       | 03,45       | 39,34      | -            | 781          | 4,6          | 275      | 58             | "   | "     | "             | 60        | "       | "         | "       | Rec. off Wait Time 60   |
|          | 30       | 03,3        | 41,3       | 241          | 247          | 0,2          | 115      | 200            | "   | "     | "             | "         | 126     | "         | Valerie | PARADISUS aufgehängt  |
|          | 20:00    | 02,8        | 41,2       | 522          | 400          | 0,6          | 64       | 600            | "   | "     | "             | "         | "       | "         | "       | Abfahrt v. Caudle mess. Gordon                                    |
|          | 21:30    | 02,34       | 35,87      | 1376         | 1380         | 10,2         | 67,8     | 1600           | "   | "     | "             | "         | "       | "         | Suzanne | falsch  |
|          | 21:45    | 01,47       | 31,72      | 1805         | 1811         | 10,2         | 68,3     | 632            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 22:00    | 57° 00,45   | 26° 27,31  | 2105         | 2114         | 10,1         | 68,8     | 666            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 22:15    | 56° 59,47   | 26° 22,85  | 2307         | 2313         | 10,1         | 67,6     | 394            | "   | "     | "             | "         | "       | "         | "       |   |
|          | 22:30    | 58,59       | 18,74      | 2467         | 2485         | 10,0         | 70,4     | 1100           | "   | "     | "             | "         | "       | "         | "       |   |
|          | 22:45    | 57,63       | 14,09      | 2660         | 2672         | 9,7          | 67,8     | 641            | "   | "     | "             | "         | "       | "         | "       |   |



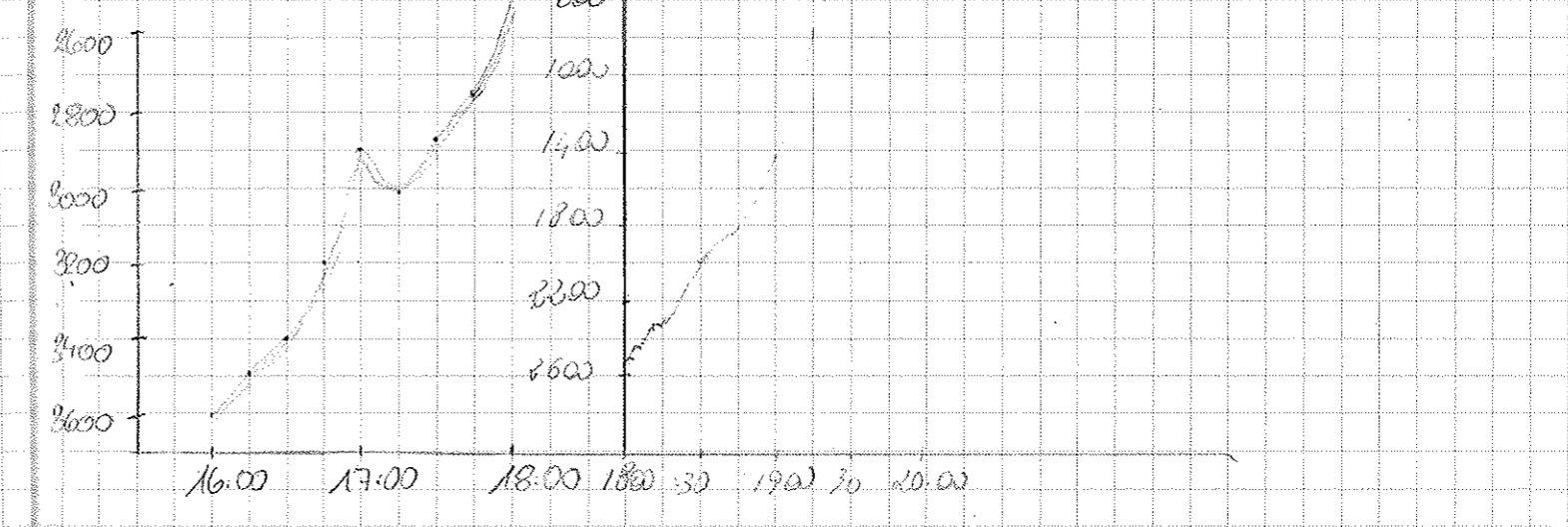
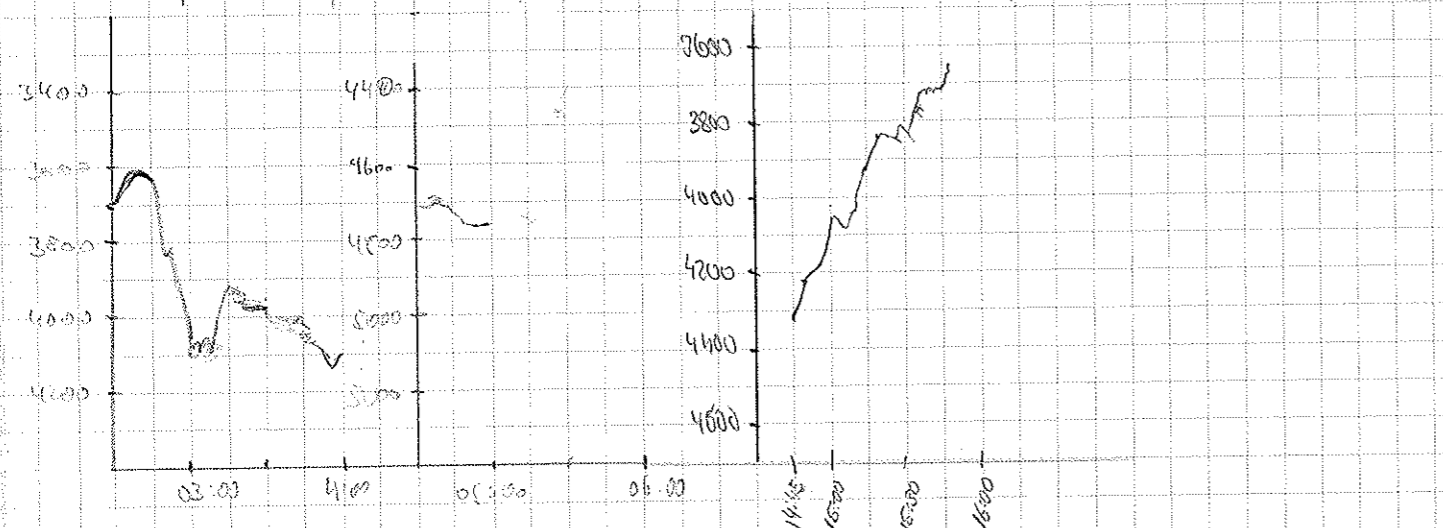
| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe [m] | Time HS [min] | Geschw. [km] | Kurs [°] | Max. Anpl. [mV] | Freq | Pulse | Record Length | Wait Time | Tapo No | Deso Rolle | Wache  | BEMERKUNGEN   |   |
|----------|----------|-------------|------------|-----------|---------------|--------------|----------|-----------------|------|-------|---------------|-----------|---------|------------|--|---|---|
| 29.12.97 | 23:15    | 56°56.86    | 26°10.40   | 2794      | 2813          | 9.7          | 44       | 900             | 4    | 2     | 266           | 0         | 126     | 18         | Sven   | n. k. Lij Bergab  |   |
|          | 23:30    | 55.9        | 06.4       | 2874      | 2877          | 9.9          | 52       | 2200            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 23:45    | 54.9        | 02.2       | 2994      | 3008          | 10.3         | 43       | 1300            | "    | "     | "             | "         | "       | "          | "  |   |   |
| 30.12.97 | 00:00    | 54.2        | 25°57.8    | 3089      | 3117          | 9.6          | 46       | 400             | "    | "     | "             | "         | "       | "          | Forlunen   |   |   |
|          | 00:15    | 56°53.6     | 25°53.5    | 3124      | 3133          | 10.0         | 73.1     | 2700            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 00:30    | 56°52.9     | 25°48.9    | 3254      | 3268          | 9.8          | 76.4     | 3800            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 00:45    | 56°52.3     | 25°44.6    | 3403      | 3424          | 10.2         | 77.7     | 700             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 01:00    | 56°51.7     | 25°40.1    | 3330      | 3345          | 10.1         | 73.1     | 1000            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 01:15    | 56°51.0     | 25°35.6    | 3467      | 3484          | 10.0         | 78.2     | 1200            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 01:30    | 56°50.4     | 25°31.2    | 3697      | 3697          | 9.9          | 72.8     | 160             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 01:45    | 56°49.7     | 25°26.8    | 3534      | 3254          | 10.0         | 77.6     | 1000            | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 02:00    | 56°49.1     | 25°22.5    | 4077      | 4120          | 9.3          | 75.2     | 450             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 02:15    | 56°48.5     | 25°18.1    |           | 4719          | 9.8          | 76.9     | 200             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 02:30    | 56°47.9     | 25°13.8    |           | 5557          | 9.6          | 75.0     | 400             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 02:45    | 56°46.1     | 25°09.6    |           | 5777          | 9.8          | 327.6    | 400             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 03:00    | 56°44.2     | 25°05.2    |           | 5742          | 9.8          | 322.2    | 420             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 03:15    | 56°42.2     | 25°00.6    |           | 5862          | 9.5          | 327.7    | 470             | "    | "     | "             | "         | "       | "          | "  |   |   |
|          | 03:30    | 56°40.4     | 25°22.6    |           | 5727          | 9.4          | 330.2    | 400             | "    | "     | "             | "         | "       | "          | "  |   |   |
| 03:40    | 56°38.2  | 25°24.8     |            | 6016      | 8.5           | 320.5        | 350      | "               | "    | "     | 60            | 127       | 19      | "          | 03:30 TAPE WECHSEL 126 → 127<br>STATION DESO WECHSEL 18 → 19 |   |   |
| 08:15    | 56°38.3  | 25°25.3     |            | 5953      | 9.4           | 324.1        | 260      | "               | 4    | 2     | 266           | 0         | 127     | 19         | Valer  | Ende Station PS 47 112<br>PS-Tiefe immer zu f. l. e. a. w. i. d. e. r!<br>alles wieder gut! |   |
| 08:30    | 36.5     | 27.8        | 5843       | 6022      | 9.6           | 35.2         | 480      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 08:45    | 34.5     | 30.4        | 6176       | 6141      | 6.7           | 235.3        | 200      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 09:00    | 35.9     | 33.6        |            | 5222      | 10.0          | 235.7        | 80       | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 09:15    | 37.3     | 37.2        |            | 3914      | 8.3           | 235.8        | 100      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 09:30    | 39.3     | 35.2        |            | 3686      | 10.2          | 143.6        | 290      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 09:45    | 41.2     | 32.5        | 3711       | 3750      | 10.1          | 148.9        | 110      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 10:00    | 43.3     | 30.2        |            | 4075      | 10.1          | 145.9        | 617      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 10:15    | 45.3     | 27.7        | 4055       | 4125      | 10.0          | 147.2        | 200      | "               | "    | "     | "             | "         | "       | "          | Anke   |   |   |
| 10:30    | 47.4     | 25.1        | 3930       | 3960      | 9.8           | 146.2        | 1800     | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 10:45    | 49.3     | 22.5        | (3586)     | 4137      | 7.3           | 55.6         | 400      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 10:52    | 48.9     | 21.7        | 4052       | 4152      | 6.6           | 12.5         | 2000     | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 21:34    | 56°43.1  | 25°04.77    | 5210       | 5336      | 9.1           | 29.8         | 272      | "               | "    | "     | "             | "         | "       | "          | Denise   |   | keine B Tiefe<br>PARASOUND Neustart<br>ET ~ 10m |
| 21:49    | 41.34    | 07.26       |            | 5609      | 8.1           | 384          | 502      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 22:00    | 46.0     | 09.1        | 5582       | 5616      | 9.4           | 325          | 300      | "               | 4    | 2     | 266           | 0         | 127     | 18         | Sven   |   |   |
| 22:15    | 38.1     | 11.6        | 5407       | 5441      | 9.3           | 324          | 400      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 22:30    | 36.1     | 14.1        | 5376       | 5294      | 9.5           | 324          | 2600     | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 22:45    | 34.2     | 16.6        | 5459       | 5394      | 9.4           | 324          | 200      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 23:00    | 32.0     | 19.4        | 5557       | 5616      | 9.3           | 324          | 1200     | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 23:15    | 31.2     | 22.2        | 5719       | 5738      | 9.6           | 274          | 500      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 23:30    | 31.0     | 26.3        |            | 5869      | 9.9           | 273          | 200      | "               | "    | "     | "             | "         | "       | "          | "  |   |   |
| 23:45    | 30.9     | 30.9        | 5999       | 6039      | 9.9           | 272          | 600      | "               | "    | "     | "             | "         | 128     | "          | "  | 23:53 TAPEWECHSEL   |   |



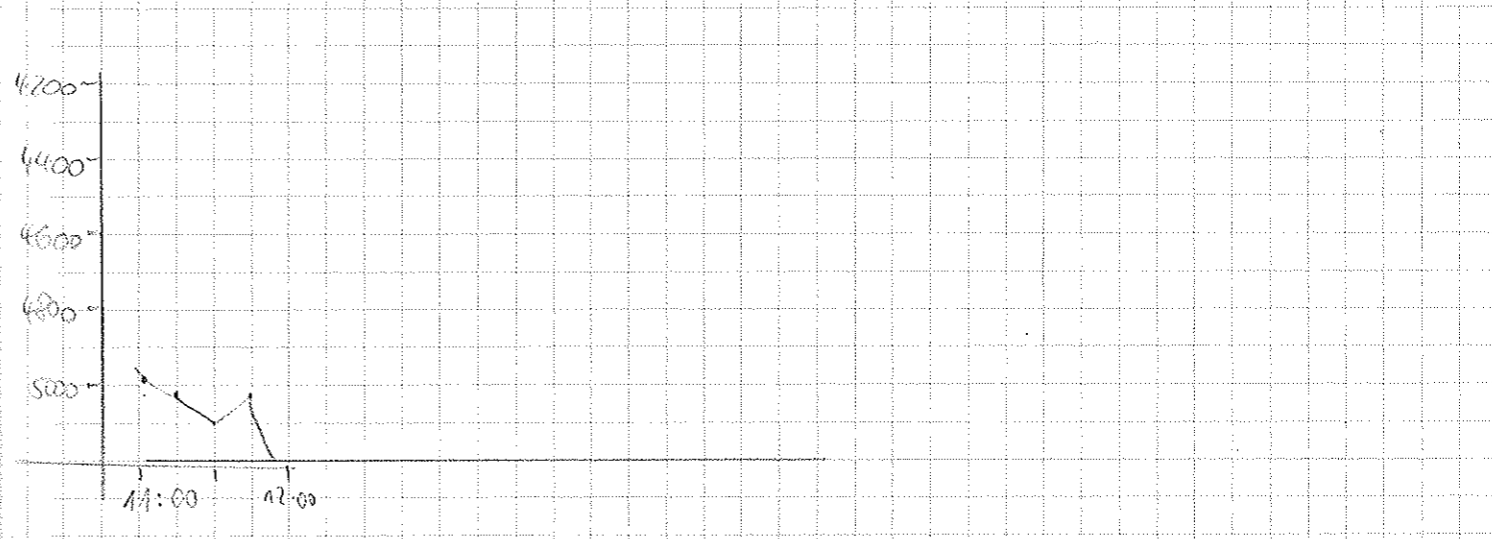
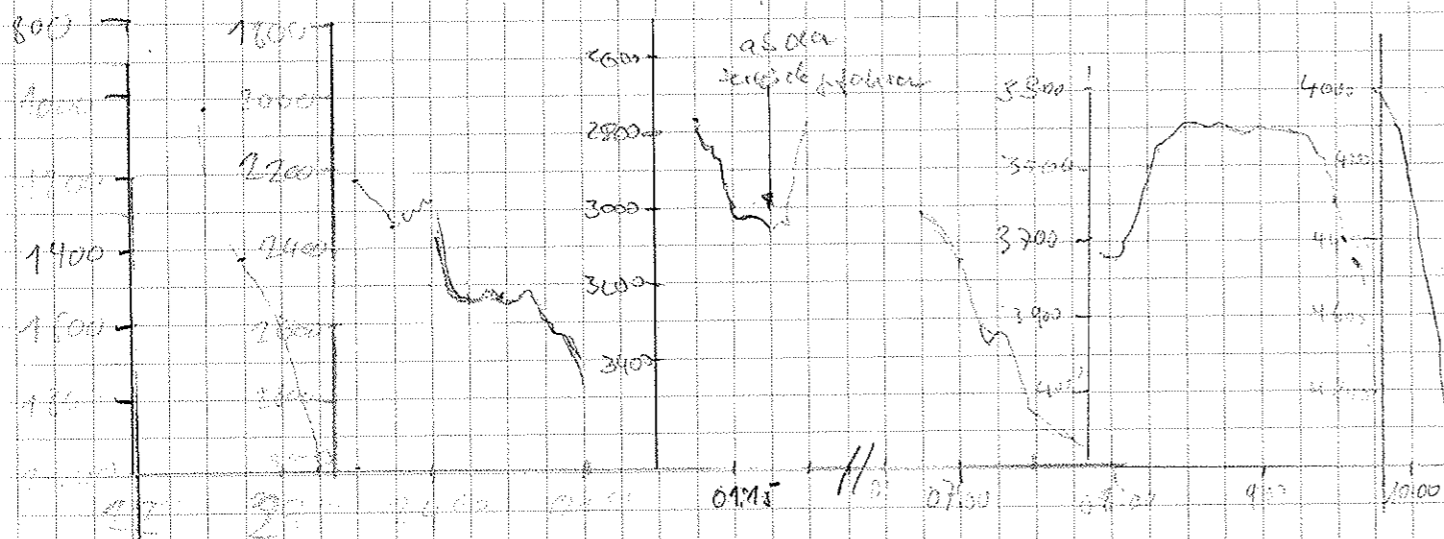
| Datum    | ZEIT UTC | BREITE [°N] | LÄNGE [°O] | TIEFE P <sub>s</sub> | TIEFE H <sub>s</sub> | SPEED [KN] | KURS [°] | MAX AMPLIT [µV] | FREQ | PULSE | RECORD LENGTH | WANT TIME | TAPE NR | DEP. ROLLS | WACHE   | BEMERKUNG                      |
|----------|----------|-------------|------------|----------------------|----------------------|------------|----------|-----------------|------|-------|---------------|-----------|---------|------------|---------|--------------------------------|
| 31.12.97 | 00:00    | 56°30.8     | 25°35.4    | 6342                 | 6377                 | 3.7        | 273.5    | 1100            | 4    | 2     | 266           | 0         | 128     | 19         | Posthum |                                |
|          | 00:15    | 56°31.7     | 25°38.8    | 5520                 | 5570                 | 7.3        | 277.5    | 330             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 00:30    | 56°31.6     | 25°40.6    | 5794                 | 5742                 | 8.8        | 310.3    | 800             | "    | "     | "             | "         | "       | "          | "       | Beginn CTD-Station PS4714      |
|          | 00:45    | 56°31.2     | 25°41.3    | 5008                 | 5084                 | 0.1        | 69.7     | 1200            | "    | "     | "             | 60        | "       | "          | "       | Soundclock 60, DEFO OFF        |
|          | 01:12    | 56°31.7     | 25°41.4    | 5104                 | 5163                 | 6.9        | 71       | 666             | "    | "     | "             | 0         | "       | "          | Uhr     | endgültige Position            |
|          | 01:35    | 56°33.7     | 25°41.6    | 4738                 | 4699                 | 9.9        | 200      | 170             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 05:00    | 56°37.8     | 25°42.1    | -                    | 4190                 | 9.4        | 180      | 280             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 05:15    | 56°40.2     | 25°42.2    | 4037                 | 4055                 | 9.2        | 149      | 700             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 05:30    | 56°42.1     | 25°39.7    | 3745                 | 3774                 | 9.6        | 144      | 1800            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 05:45    | 56°44.2     | 25°37.0    | 3527                 | 3542                 | 9.9        | 146      | 2500            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 06:00    | 56°44.7     | 25°34.2    | 3576                 | 3594                 | 7.0        | 97       | 2500            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 06:15    | 56°44.5     | 25°33.8    | 3591                 | 3609                 | 0.4        | 248      | 2800            | "    | "     | "             | 60        | "       | "          | "       | Anfang Station PS4715 (OPCS)   |
|          | 06:30    | 56°44.5     | 25°33.8    | 3592                 | 3607                 | 0.1        | 259      | 3800            | "    | "     | "             | "         | "       | "          | "       | 06:42 Daso 1:50000             |
|          | 07:00    | 56°44.4     | 25°33.4    | 3601                 | 3620                 | 1.2        | 387      | 2250            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 07:30    | 56°44.2     | 25°32.5    | 3659                 | 3680                 | 0.8        | 57       | 1500            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 08:00    | 56°44.0     | 25°31.9    | 3708                 | 3724                 | 0.8        | 72       | 1700            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 08:30    | 56°44.0     | 25°31.1    | 3723                 | 3731                 | 0.9        | 104      | 1500            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 09:00    | 56°44.0     | 25°30.2    | 3807                 | 3815                 | 1.1        | 94       | 1700            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 09:36    | 56°44.1     | 25°29.7    | 4023                 | 4057                 | 1.1        | 71       | 1400            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 10:06    | 56°43.9     | 25°28.4    | -                    | 4323                 | 1.2        | 46       | 1800            | "    | "     | "             | "         | "       | "          | Com     |                                |
|          | 11:25    | 56°43.0     | 25°27.6    | 4639                 | 4711                 | 0.1        | 278      | 1770            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 11:51    | 56°42.7     | 25°27.2    | 4768                 | 4843                 | 1.2        | 37       | 1700            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 12:27    | 56°42.5     | 25°25.5    | 4773                 | 4801                 | 2.3        | 20.3     | 1500            | "    | "     | "             | 0         | "       | "          | Posthum | STATIONENDE Daso 1:20000       |
|          | 12:50    | 56°42.3     | 25°23.1    | 4880                 | 4862                 | 6.1        | 300      | 200             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 13:25    | 56°41.1     | 25°30.60   | 4091                 | 4211                 | 10.0       | 302      | 160             | "    | "     | "             | "         | "       | "          | Posthum | # Prof. B                      |
|          | 13:00    | 56°39.64    | 25°34.08   | 3815                 | 3804                 | 9.8        | 311      | 200             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 13:15    | 56°38.00    | 25°37.37   | 3834                 | 3856                 | 9.6        | 313      | 900             | "    | "     | "             | "         | "       | "          | "       | ET 210m                        |
|          | 13:30    | 56°36.32    | 25°40.09   | 4251                 | 4257                 | 9.8        | 313      | 500             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 13:38    | 56°35.44    | 25°43.35   | 4665                 | 4704                 | 6.0        | 259      | 1500            | "    | "     | "             | 60        | "       | "          | "       | Anfang Station PS 47/116 (CTD) |
|          | 13:00    | 56°32.8     | 25°36.1    | 5812                 | 5883                 | 3.3        | 146.6    | 1700            | "    | "     | "             | 0         | 128     | 19         | Posthum | STATIONENDE                    |
|          | 13:15    | 56°34.1     | 25°38.0    | -                    | 5297                 | 3.9        | 236.6    | 120             | "    | "     | "             | "         | "       | "          | "       | mit da zum malen               |
|          | 13:30    | 56°35.5     | 25°42.8    | 4638                 | 4680                 | 9.7        | 287      | 1500            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 13:45    | 56°36.8     | 25°46.6    | 4351                 | 4382                 | 9.6        | 286.7    | 740             | "    | "     | "             | "         | "       | "          | "       | 23:50 TAPE RECORDER            |
|          | 01/01/98 | 56°41.4     | 25°48.6    | 4013                 | 4080                 | 11.1       | 146      | 600             | "    | "     | "             | "         | 128     | "          | "       |                                |
|          | 01:45    | 56°44.2     | 25°45.2    | 3722                 | 3735                 | 10.3       | 145.3    | 200             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 01:00    | 56°46.4     | 25°42.2    | 3473                 | 3498                 | 10.1       | 145.6    | 1100            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 01:15    | 56°48.7     | 25°39.5    | 3328                 | 3360                 | 17.3       | 145.7    | 200             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 01:30    | 56°50.9     | 25°36.8    | 3507                 | 3514                 | 10.0       | 133      | 200             | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 01:45    | 56°53.2     | 25°33.8    | 3642                 | 3655                 | 17.2       | 135.0    | 4100            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 02:00    | 56°55.4     | 25°31.0    | 3730                 | 3742                 | 10.8       | 144.8    | 2500            | "    | "     | "             | "         | "       | "          | "       | 02:07 Adm. & macht Arbeit auf  |
|          | 02:15    | 56°57.5     | 25°28.3    | 3813                 | 3831                 | 10.9       | 146.0    | 3700            | "    | "     | "             | "         | "       | "          | "       |                                |
|          | 02:30    | 56°55.8     | 25°25.5    | 3722                 | 3775                 | 10.7       | 145.7    | 3200            | "    | "     | "             | "         | "       | "          | "       |                                |



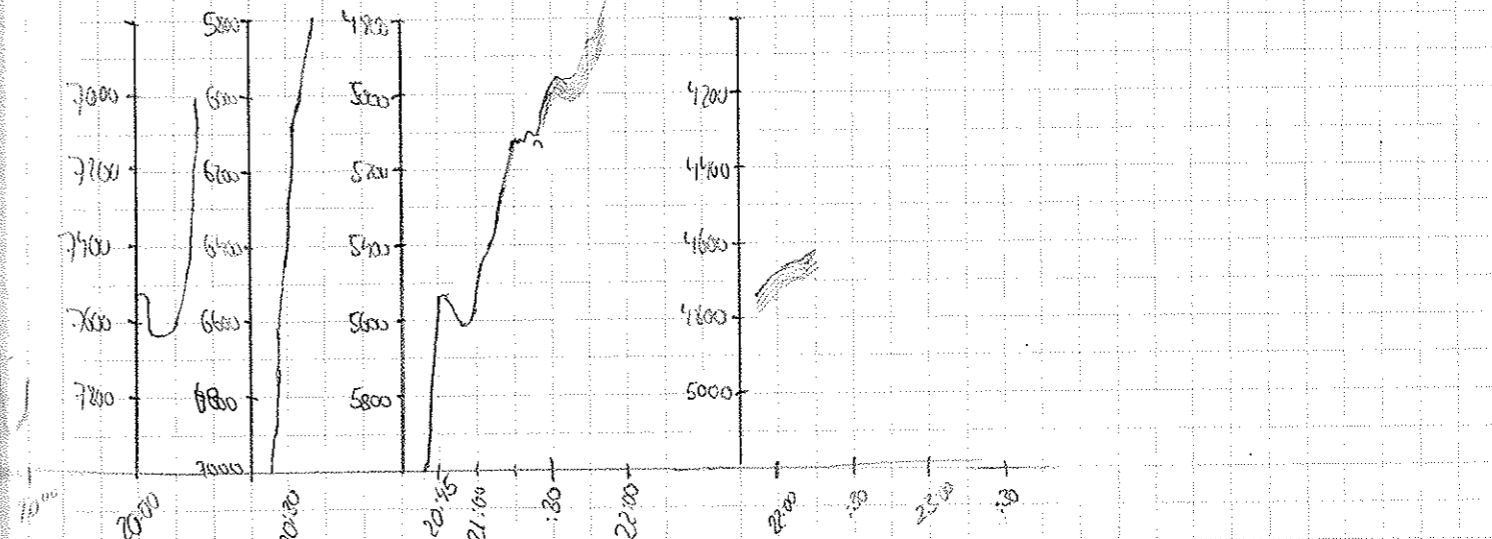
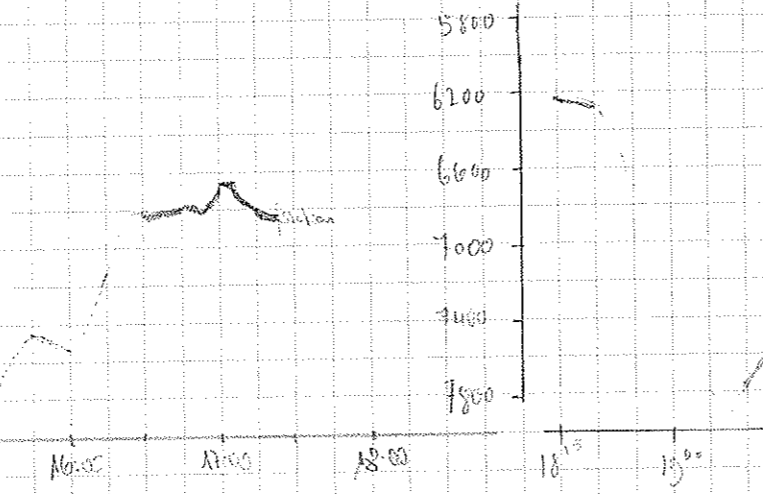
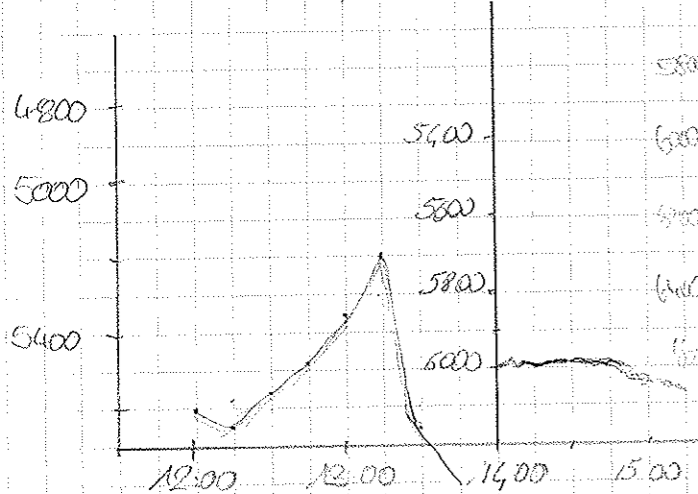
| DATE      | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | TIEFE (PS) | TIEFE (M) | SPEED [km] | KURS [°] | MAX. WIND [km/h] | MURGE | PULSE | RECORD LENGTH | UNIT TIME | DESO ROLLS | TAPE NR | WACHE    | BEMERKUNGEN  |
|-----------|----------|-------------|------------|------------|-----------|------------|----------|------------------|-------|-------|---------------|-----------|------------|---------|----------|--|
| 01/10/97  | 02:45    | 57°07.3     | 25°21.2    | 3672       | 3630      | 11.1       | 72.9     | 1200             | 4     | 2     | 286           | 0         | 19         | 129     | Port-Gua |  |
|           | 03:00    | 57°00.5     | 25°17.1    | 4045       | 4068      | 11.7       | 73.6     | 363              | "     | "     | "             | "         | "          | "       | "        |  |
| FALSCH!!! | 03:15    | 56°58.5     | 25°18.8    | 3931       | 3956      | 11.6       | 325      | 1100             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 03:30    | 56°56.1     | 25°27.8    | 3973       | 4001      | 11.6       | 325      | 400              | "     | "     | "             | "         | "          | "       | "        | Wolke und Funke                                      |
| 1.01.98   | 03:45    | 56°54.1     | 25°24.5    | 3932       | 3966      | 11.5       | 325      | 800              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 04:00    | 56°52.8     | 25°21.9    | 4100       | 4122      | 11.0       | 78.5     | 300              | "     | "     | "             | "         | "          | "       | "        |  |
| Soeeg!!!  | 04:15    | 56°52.3     | 25°16.8    | 4293       | 4319      | 11.0       | 78.6     | 400              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 04:30    | 56°53.8     | 25°13.5    | 4701       | 4754      | 9.3        | 142      | 6500             | "     | "     | "             | "         | "          | "       | "        | Wk zu machen   |
|           | 04:45    | 56°55.8     | 25°10.0    | 4700       | 4729      | 10.4       | 144      | 500              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 05:00    | 56°57.9     | 25°08.2    | 4760       | 4777      | 10.2       | 147      | 700              | "     | "     | "             | "         | "          | "       | "        | 05:03 TAPE WECHSEL 129 → 130                         |
|           | 05:15    | 56°58.9     | 25°07.8    | 4750       | 4842      | 11.3       | 307      | 260              | "     | "     | "             | "         | "          | 130     | "        | TJ-TICK!   |
|           | 05:30    | 56°57.2     | 25°11.8    | 4391       | 4446      | 11.7       | 302      | 530              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 05:45    | 56°55.6     | 25°16.5    | 4020       | 4134      | 12.0       | 304      | 400              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 06:00    | 56°54.0     | 25°21.0    | 4032       | 4118      | 11.7       | 286      | 1100             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 06:15    | 56°52.9     | 25°21.5    | 3935       | 3946      | 9.8        | 329      | 700              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 06:20    | 56°52       | 25°26      | 3897       | 3922      |            | 308      | 1800             | "     | "     | "             | 60        | "          | "       | "        | Beginn OPEN-VIRATION ONLINE PROFILE, DESO, TABLE OFF |
|           | 14:43    | 56°52.9     | 25°16.5    | 4338       | 4393      | 7.7        | 242      | 500              | "     | "     | "             | 0         | "          | "       | "        | Alles wieder on! M. f. h. L. → Kanthorn              |
|           | 15:00    | 53.2        | 20.6       | 4112       | 4118      | 9.4        | 265      | 1700             | "     | "     | "             | "         | "          | "       | "        | Soen   |
|           | 15:15    | 53.5        | 24.9       | 3919       | 3945      | 9.4        | 264      | 1600             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 15:30    | 53.8        | 29.0       | 3807       | 3824      | 8.8        | 258      | 900              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 15:45    | 54.3        | 32.9       | 3706       | 3731      | 8.8        | 257      | 2800             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 16:00    | 54.8        | 37.6       | 3589       | 3606      | 10.9       | 259      | 800              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 16:15    | 55.26       | 40.47      | 3506       | 3521      | 10.8       | 265      | 2000             | "     | "     | "             | "         | "          | "       | Jense    | ET ~ 10m   |
|           | 16:30    | 55.77       | 47.48      | -          | 3386      | 11.0       | 251      | 3090             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 16:45    | 56.50       | 52.24      | 3250       | 3224      | 11.1       | 258      | 508              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 17:00    | 57.07       | 57.14      | 2962       | 2975      | 11.0       | 257      | 947              | "     | "     | "             | "         | "          | "       | "        | ET ~ 25m   |
|           | 17:15    | 57.62       | 56°02.09   | 3010       | 3023      | 11.1       | 247      | 1981             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 17:30    | 58.84       | 06.65      | 2880       | 2888      | 11.0       | 241      | 1038             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 17:45    | 59.88       | 11.67      | 2725       | 2748      | 10.2       | 259      | 863              | "     | "     | "             | "         | "          | "       | "        |  |
|           | 18:00    | 57°00.53    | 11.03      | 2564       | 2574      | 12.0       | 257      | 1107             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 18:15    | 01.30       | 23.34      | 2323       | 2334      | 11.5       | 257      | 2000             | "     | "     | "             | "         | "          | "       | Barbara  | ET < 10m   |
|           | 18:30    | 02.03       | 37.30      | 2063       | 2072      | 6.5        | 358      | 1400             | "     | "     | "             | "         | "          | "       | "        |  |
|           | 18:45    | 02.47       | 30.33      | -          | 1865      | 9.4        | 353      | 600              | "     | "     | "             | "         | "          | "       | "        | Kein Profil → 18:55 Deso                             |
|           | 19:00    | 03.16       | 36.06      | 1426       | 1447      | 9.3        | 244      | 300              | "     | "     | "             | "         | "          | "       | "        | neustart   |
|           | 19:15    | 04.00       | 38.52      | 770        | 785       | 10.1       | 293      | 500              | "     | "     | "             | "         | 0          | 131     | "        | 19:00 Top wechseln                                   |
|           | 19:21    | 03.68       | 49.13      | 674        | 687       | 5.3        | 281      | 600              | "     | "     | "             | "         | "          | "       | "        | STOP VOR INSEK!                                      |



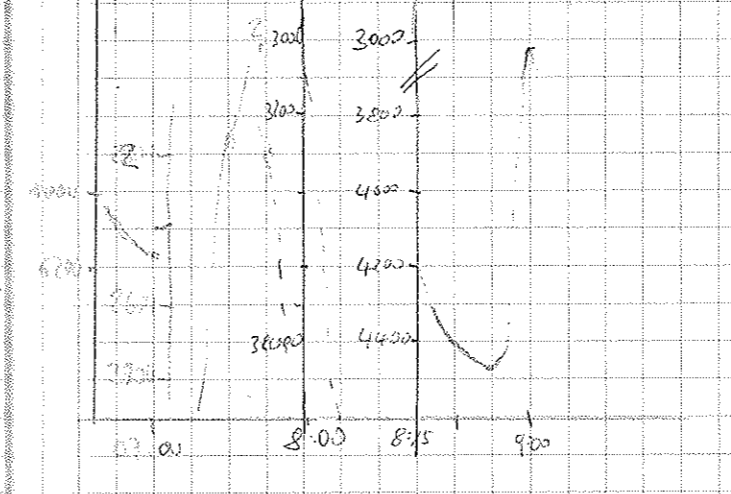
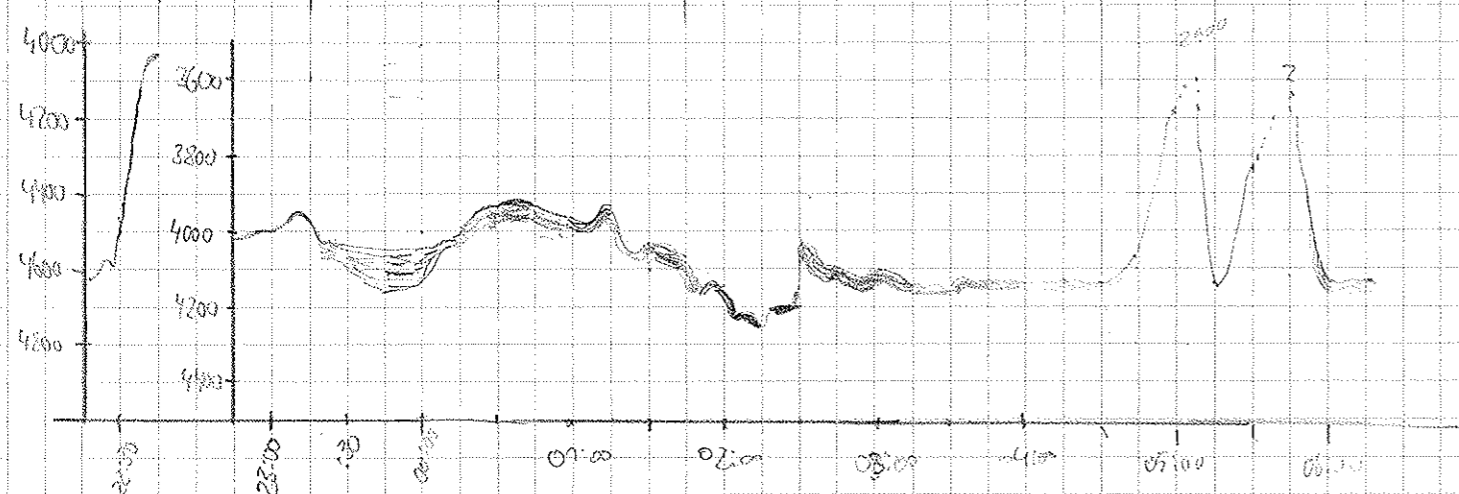
| Datum    | Zeit UTC | Latitude 1951 | Longitude 10W7 | Tiefe PS | Tiefe SAS | Speed (km) | Kurs (°) | Max Amplitude (mV) | Mag | Pulse | Depth | Wart time | Dens. 20°C | Temp W | Wäbe  | Bemerkungen         |  |
|----------|----------|---------------|----------------|----------|-----------|------------|----------|--------------------|-----|-------|-------|-----------|------------|--------|-------|---------------------|--|
| 01/01/98 | 22:30    | 57°01'49"     | 26°39'06"      | 10132    | 1081      | 10,1       | 27,9     | 545                | 4   | 3     | 266   | 0         | 19         | 131    | Wärme |                     |  |
|          | 205      | 56°59'32"     | 26°37'06"      | 1132     | 1432      | 10,4       | 27,2     | 292                | "   | "     | "     | "         | "          | "      | "     |                     |  |
|          | 23:00    | 56°57'14"     | 26°36'39"      | 1542     | 1608      | 10,5       | 26,9     | 337                | "   | "     | "     | "         | "          | "      | "     |                     |  |
|          | 3:15     | 56°56'00"     | 26°37'47"      | 2003     | 2006      | 10,4       | 22,1     | 1781               | "   | "     | "     | "         | "          | "      | "     |                     |  |
|          | 3:30     | 56°57'17"     | 26°30'41"      | 0216     | 0232      | 10,7       | 30,5     | 468                | "   | "     | "     | "         | "          | "      | "     |                     |  |
| 02/01/98 | 24:00    | 56°57'17"     | 26°18'18"      | 2242     | 2356      | 10,6       | 29,9     | 260                | "   | 4     | "     | "         | "          | "      | "     |                     |  |
|          | 01:00    | 56°57'17"     | 26°33'         | 2254     | 2288      | 10,7       | 25,7     | 1165               | "   | "     | "     | "         | "          | "      | "     |                     |  |
|          | 01:15    | 56°45'3"      | 26°24'2"       | 2528     | 2540      | 10,1       | 24,9     | 1300               | "   | "     | "     | "         | "          | "      | "     | Parthen ET 10 - 15m |  |
|          | 01:30    | 56°43'2"      | 26°21'3"       | 2506     | 2513      | 9,3        | 23,3     | 1100               | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 01:45    | 56°41'0"      | 26°18'8"       | 2587     | 2598      | 8,7        | 22,5     | 700                | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 01:50    | 56°40'5"      | 26°16'4"       | 2773     | 2778      | 8,8        | 20,2     | 1700               | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 01:55    | 56°38'8"      | 26°11'2"       | 3002     | 3000      | 9,5        | 24,3     | 4100               | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 02:00    | 56°39'4"      | 26°09'5"       | 3024     | 3045      | 7,6        | 10,0     | 300                | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 02:05    | 56°39'3"      | 26°14'8"       | 2782     | 2794      | 10,4       | 25,4     | 1600               | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 02:10    | 56°40'3"      | 26°15'1"       | 2770     | 2782      | 4,4        | 10,4     | 300                | "   | "     | "     | "         | "          | "      | "     | "                   |  |
|          | 02:15    | 56°40'3"      | 26°14'2"       | 2777     | 2777      | 0,1        | 130      | 310                | "   | "     | "     | 60        | "          | "      | "     | "                   |  |
|          | 06:45    | 56°39'8"      | 26°11'6"       | 3042     | 3010      | 7,1        | 76       | 4800               | "   | "     | "     | "         | "          | "      | "     | "                   | 07:05 - 10m - 15m - 20m - 25m - 30m - 35m - 40m - 45m - 50m - 55m - 60m - 65m - 70m - 75m - 80m - 85m - 90m - 95m - 100m |
|          | 07:05    | 39,1          | 07,0           | 3132     | 3166      | 10,5       | 74       | 4800               | "   | "     | "     | "         | "          | "      | "     | "                   | "  |
|          | 07:15    | 38,6          | 04,1           | 3385     | 3243      | 10,5       | 69       | 1500               | "   | "     | "     | "         | "          | "      | "     | "                   | "  |
|          | 07:30    | 38,9          | 00,2           | 3563     | 3625      | 10,4       | 146      | 1800               | "   | "     | "     | "         | "          | "      | "     | "                   | "  |
|          | 07:45    | 41,3          | 25°57'1"       | 3603     | 3681      | 10,2       | 145      | 1300               | "   | "     | "     | "         | "          | "      | 132   | "                   | oops: erst 07:25 Table/out pif on!<br>07:41 Table 131 -> 132   |
|          | 08:07    | 44,6          | 52,9           | 3710     | 3731      | 10,8       | 146      | 1200               | "   | "     | "     | "         | "          | "      | "     | "                   | "  |
| 08:15    | 45,7     | 51,5          | 3514           | 3551     | 10,8      | 145        | 730      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 08:30    | 47,9     | 48,7          | 3390           | 3400     | 10,8      | 144        | 2300     | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 08:45    | 48,7     | 45,2          | 3274           | 3290     | 10,1      | 73         | 4400     | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 09:00    | 47,9     | 40,7          | 3397           | 3411     | 10,3      | 73         | 3270     | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 09:15    | 47,2     | 36,3          | 3410           | 3425     | 9,7       | 72         | 750      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 09:30    | 46,7     | 31,9          | 3682           | 3633     | 9,4       | 87         | 214      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 09:45    | 46,6     | 27,4          | 4000           | 4000     | 10,3      | 86         | 280      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 10:00    | 46,4     | 22,9          | (4286)         | 4395     | 9,7       | 38         | 300      | "                  | "   | "     | "     | "         | "          | "      | "     | Anke                |  |
| 10:15    | 46,2     | 19,5          | 4935           | 4992     | 7,6       | 79         | 1400     | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 10:30    | 46,3     | 14,3          | 4963           | 5057     | 0,3       | 370        | 1800     | "                  | "   | "     | 60    | "         | "          | "      | "     | "                   |  |
| 11:06    | 46,4     | 18,8          | 4985           | 5100     | 6,3       | 172        | 300      | "                  | "   | "     | 0     | "         | "          | "      | "     | "                   |  |
| 11:15    | 47,4     | 17,7          | 5027           | 5029     | 8,9       | 145        | 500      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 11:30    | 49,2     | 15,4          | -              | 5105     | 9,2       | 144        | 200      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 11:45    | 51,9     | 13,3          | (4885)         | 5023     | 9,0       | 147        | 300      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |
| 12:00    | 51,0     | 10,4          | (4290)         | 5577     | 10,0      | 38         | 270      | "                  | "   | "     | "     | "         | "          | "      | "     | "                   |  |



| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe B [m] | Tiefe HS [m] | Speed [kn] | Course [°] | max Amplitude [mV] | Wau | Pulse Rec | Wait Time | Deso Data | Tappe | Wache   | Bemerkung  |   |
|----------|----------|-------------|------------|-------------|--------------|------------|------------|--------------------|-----|-----------|-----------|-----------|-------|---------|--|---|
| 02.01.98 | 12:15    | 56° 49.06   | 25° 08.53  | 5583        | 5645         | 9.8        | 39         | 921                | 11  | 2         | 266       | 0         | 19    | 132     | Denise   | ab 12 <sup>00</sup> falsche PS Tiefe, aber Signal bis 12 <sup>45</sup> ET ~ 20m |
|          | 30       | 50.40       | 05.84      | 5551        | 5504         | 9.0        | 144        | 728                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 45       | 52.19       | 03.41      | 5453        | 5485         | 9.1        | 143        | 1461               | "   | "         | "         | "         | "     | "       | "  |   |
|          | 13:00    | 54.01       | 00.93      | -           | 5349         | 8.9        | 143        | 222                | "   | "         | "         | "         | "     | "       | "  | hat Schwierigkeiten die Tiefe zu finden<br>-> in Modus 1 umgeschaltet           |
|          | 15       | 55.13       | 24.58.43   | 5103        | 5192         | 7.9        | 53         | 250                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 30       | 53.66       | 55.05      | -           | 5541         | 9.7        | 52         | 209                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 14:00    | 50.50       | 51.64      | 5976        | 6042         | 9.4        | 324        | 300                | "   | "         | "         | "         | 133   | Barbara | 13.40 DECKSTUKE<br>TAPWECHSEL: 13.52<br>BT 520                     |   |
|          | 15       | 48.58       | 54.25      | 5938        | 6000         | 9.1        | 323        | 500                | "   | "         | "         | "         | "     | "       |  | "   |
|          | 30       | 46.46       | 56.64      | 6033        | 6080         | 9.2        | 324        | 500                | "   | "         | "         | "         | "     | "       |  | "   |
|          | 15:00    | 44.88       | 59.18      | 5913        | 5989         | 9.2        | 323        | 600                | "   | "         | "         | "         | "     | "       | "  | Pore sand tiefe ist 1000 m ?<br>höher als HS tiefe<br>15:20 PS NEUSPART         |
|          | 15       | 42.45       | 59.90      | 5104        | 6352         | 9.6        | 114        | 200                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 30       | 40.44       | 59.00      | 5088        | 6449         | 9.7        | 132        | 200                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 16:00    | 38.30       | 58.41      | 5038        | 6630         | 9.4        | 317        | 200                | "   | "         | "         | "         | "     | "       | "  | keine Pore sand tiefe   |
|          | 15       | 36.46       | 58.00.50   | 5039        | 6532         | 9.0        | 327        | 200                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 30       | 34.68       | 03.01      | -           | 6572         | 9.0        | 225        | 300                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 17:00    | 32.88       | 05.25      | -           | 6382         | 9.0        | 227        | 160                | "   | "         | "         | "         | "     | "       | "  | PS nicht verfügbar  |
|          | 15       | 31.04       | 07.55      | -           | 6197         | 9.0        | 224        | 150                | "   | "         | "         | "         | "     | "       | "  |   |
|          | 30       | 29.14       | 08.22      | 6200        | 6232         | 9.0        | 225        | 1500               | "   | "         | "         | "         | "     | "       | "  |   |
| 17:45    | 27.28    | 12.25       | 6148       | 6182        | 9.0          | 225        | 600        | "                  | "   | "         | "         | "         | "     | "       | 17:20 Station PS 47/120<br>ONLINE PROF. TABLE DESO OFF             |   |
| 15       | 25.43    | 14.56       | 6205       | 6230        | 8.7          | 322        | 500        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 18:10    | 25.35    | 15.53       | 6201       | 6227        | 7.2          | 038        | 898        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 18:15    | 24.15    | 14.3        | 6224       | 6254        | 10.5         | 38         | 1086       | "                  | "   | "         | "         | "         | "     | "       | 18:05 Ende Station PS 47/121<br>=> alles an                        |   |
| 18:30    | 22.12    | 11.2        | 6254       | 6277        | 11.9         | 37         | 651        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 45       | 19.15    | 07.3        | 5062*      | 6172        | 11.1         | 35         | 424        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 19:00    | 17.2     | 4.5         | 5060*      | 6871        | 11.6         | 34         | 138        | "                  | "   | "         | "         | "         | "     | "       | * PS hängt nicht sofort ein  |   |
| 15       | 14.3     | 1.4         | 5060*      | 7808        | 11.4         | 35         | 360        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 30       | 12.8     | 24.59.5     | 7774       | 7807        | 11.9         | 34         | 242        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 20:00    | 10.3     | 51.5        | 7294       | 7352        | 12.1         | 35         | 262        | "                  | "   | "         | "         | "         | "     | "       | 19:25 PS Neustart<br>ET, wenn ischaupf 20m<br>20:02 TAPWECHSEL 134 |   |
| 15       | 07.8     | 53.2        | 7543       | 7679        | 12.4         | 38         | 300        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 30       | 05.4     | 49.9        | 7611       | 7642        | 12.2         | 36         | 200        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 21:00    | 02.9     | 46.7        | -          | 6406        | 12.8         | 34         | 200        | "                  | "   | "         | "         | "         | "     | "       | ET steigt an 250m dann 275m  |   |
| 15       | 00.1     | 43.4        | -          | 5568        | 12.8         | 38         | 400        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 30       | 56° 57.7 | 40.0        | 5592       | 5615        | 13.0         | 37         | 300        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 22:00    | 55° 55.1 | 36.7        | 5187       | 5191        | 12.8         | 33         | 600        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 15       | 52.5     | 33.4        | 5085       | 5081        | 12.9         | 36         | 900        | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 30       | 49.9     | 29.9        | 4874       | 4902        | 12.9         | 39         | 1700       | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 22:15    | 47.4     | 26.6        | 4685       | 4704        | 13.1         | 36         | 2600       | "                  | "   | "         | "         | "         | "     | "       |  |   |
| 22:30    | 44.8     | 23.1        | 4622       | 4643        | 12.9         | 39         | 2300       | "                  | "   | "         | "         | "         | "     | "       |  |   |

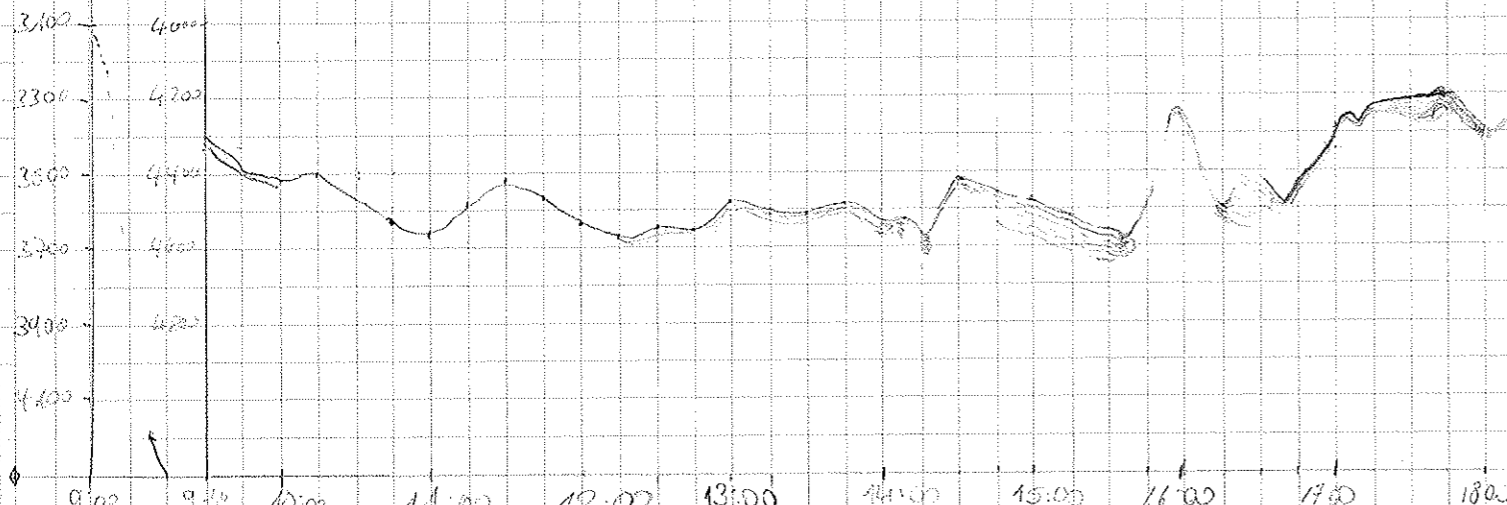


| Datum    | Zeit UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS [m] | TIEFE HS [m] | SCHW. [kg] | KURS [°] | max. Amp. [mV] | PLUSE | REFLEX LENGTH | WEIT TIME | DESOL ROLLE | STREIFEN No. | WACHE   | BEMERKUNGEN  |
|----------|----------|-------------|------------|--------------|--------------|------------|----------|----------------|-------|---------------|-----------|-------------|--------------|---------|--|
| 2.1.98   | 22:30    | 55° 42.1    | 24° 19.7   | -            | 4547         | 13.1       | 33       | 1000           | 2     | 266           | 0         | 19          | 134          | Sven    |  |
|          | 22:45    | 39.5        | 16.4       | 4033         | 4047         | 11.0       | 39       | 1300           | "     | "             | "         | "           | "            | "       | ET ~ 25m   |
|          | 23:00    | 36.9        | 12.9       | 3988         | -            | 12.9       | 38       | 2900           | "     | "             | "         | "           | "            | "       | ET ~ 70m   |
|          | 23:15    | 34.4        | 09.4       | 3942         | 3968         | 13.1       | 39       | 2000           | "     | "             | "         | "           | "            | "       |  |
|          | 23:30    | 31.8        | 05.9       | 4060         | 4073         | 13.0       | 36       | 2400           | "     | "             | "         | "           | "            | "       | ET > 75m alarm > 100m  |
|          | 23:45    | 29.1        | 02.5       | 4077         | 4093         | 13.1       | 35       | 3300           | "     | "             | "         | "           | "            | "       | ET > 100m  |
| 03/01/98 | 00:00    | 55° 26.5    | 23° 59.1   | 4077         | 4088         | 13.2       | 35       | 2000           | "     | "             | "         | "           | "            | Portman | ET > 100m  |
|          | 00:15    | 55° 23.8    | 23° 55.6   | 4039         | 4063         | 13.4       | 38.5     | 1100           | "     | "             | "         | "           | "            | "       |  |
|          | 00:30    | 55° 21.2    | 23° 52.1   | 3985         | 3983         | 13.1       | 37.7     | 2800           | "     | "             | "         | "           | "            | "       | ET ~ 50m   |
|          | 00:45    | 55° 18.8    | 23° 48.6   | 3920         | 3940         | 13.1       | 38       | 2800           | "     | "             | "         | "           | "            | "       |  |
|          | 01:00    | 55° 16.1    | 23° 45.5   | 3957         | 3967         | 13.1       | 32       | 2500           | "     | "             | "         | "           | "            | "       |  |
|          | 01:15    | 55° 13.4    | 23° 42.1   | 3922         | 3953         | 12.9       | 37       | 800            | "     | "             | "         | "           | "            | "       |  |
|          | 01:30    | 55° 10.4    | 23° 38.1   | 4047         | 4068         | 13.0       | 36       | 2600           | "     | "             | "         | "           | 135          | "       | 01:22 TAPWECH 135 134-133                                      |
|          | 01:45    | 55° 08.1    | 23° 35.3   | 4085         | 4105         | 13.0       | 37       | 2477           | "     | "             | "         | "           | "            | "       | ET ~ 100m  |
|          | 02:00    | 55° 05.6    | 23° 32.0   | 4188         | 4179         | 13.2       | 37       | 800            | "     | "             | "         | "           | "            | "       |  |
|          | 02:15    | 55° 03.1    | 23° 28.6   | 4242         | 4257         | 12.9       | 38       | 1500           | "     | "             | "         | "           | "            | "       |  |
|          | 02:30    | 55° 00.5    | 23° 25.2   | 4142         | 4136         | 12.9       | 37       | 200            | "     | "             | "         | "           | "            | "       |  |
|          | 02:45    | 54° 57.9    | 23° 22.0   | 4100         | 4122         | 12.9       | 37       | 1000           | "     | "             | "         | "           | "            | "       | ET ~ 25m   |
|          | 03:00    | 54° 55.2    | 23° 18.7   | 4110         | 4127         | 13.1       | 37       | 1500           | "     | "             | "         | "           | "            | "       |  |
|          | 03:15    | 54° 52.6    | 23° 15.2   | 4127         | 4142         | 13.0       | 38       | 1600           | "     | "             | "         | "           | "            | "       | ET ~ 15m   |
|          | 03:30    | 54° 50.1    | 23° 11.8   | 4136         | 4150         | 13.0       | 38       | 1300           | "     | "             | "         | "           | "            | "       |  |
|          | 03:45    | 54° 47.5    | 23° 08.5   | 4144         | 4134         | 13.0       | 38       | 1300           | "     | "             | "         | "           | "            | "       |  |
|          | 04:00    | 54° 45.0    | 23° 05.3   | 4127         | 4144         | 13.1       | 36       | 1200           | "     | "             | "         | "           | "            | "       |  |
|          | 04:15    | 42.5        | 02.2       | 4129         | 4132         | 12.8       | 36       | 4200           | "     | "             | "         | "           | "            | Wipfel  |  |
|          | 04:30    | 39.7        | 22° 58.6   | 4131         | 4149         | 12.8       | 37       | 9500           | "     | "             | "         | "           | "            | "       |  |
|          | 04:45    | 36.9        | 55.0       | 4070         | 4085         | 12.9       | 37       | 1400           | "     | "             | "         | "           | "            | "       |  |
|          | 05:00    | 34.5        | 51.4       | 3693         | 3786         | 12.9       | 38       | 700            | "     | "             | "         | "           | "            | "       |  |
|          | 05:15    | 32.1        | 48.7       | 4136         | 4150         | 13.1       | 37       | 1400           | "     | "             | "         | "           | "            | "       |  |
|          | 05:32    | 29.1        | 44.9       | 3839         | 3830         | 13.2       | 37       | 200            | "     | "             | "         | "           | "            | "       |  |
|          | 05:45    | 26.4        | 42.0       | 3239         | 4209         | 13.1       | 37       | 2300           | "     | "             | "         | "           | "            | "       | PS-Tick im Jahr 1980 zu messen<br>PS-Station / 05:48 Tick 0.10 |
|          | 06:03    | 23.7        | 38.0       | 445          | 4136         | 13.4       | 37       | 2300           | "     | "             | "         | "           | "            | "       | ET ~ 70m   |
|          | 06:18    | 20.4        | 34.5       | 411          | 4151         | 13.2       | 35       | 700            | "     | "             | "         | "           | "            | "       |  |
|          | 06:30    | 18.7        | 31.9       | -            | 4613         | 13.4       | 36       | 200            | "     | "             | "         | "           | "            | "       |  |
|          | 06:48    | 15.5        | 27.9       | 5020         | 5104         | 13.2       | 37       | 750            | "     | "             | "         | "           | 136          | "       | Tapwechsel 135 zu 136  |
|          | 07:00    | 13.5        | 25.2       | 5178         | 5191         | 12.9       | 37       | 1400           | "     | "             | "         | "           | "            | "       |  |
|          | 07:15    | 11.0        | 21.9       | 3396         | 3444         | 13.0       | 37       | 500            | "     | "             | "         | "           | "            | "       |  |
|          | 07:30    | 08.4        | 18.6       | 2170         | 2244         | 12.7       | 37       | 300            | "     | "             | "         | "           | "            | "       |  |
|          | 07:45    | 05.8        | 15.5       | 2204         | 2300         | -          | 35       | 1800           | "     | "             | "         | "           | "            | "       |  |
|          | 08:00    | 03.2        | 12.3       | 3102         | 3170         | 12.6       | 37       | 300            | "     | "             | "         | "           | "            | Caumen  |  |
|          | 08:15    | 54° 00.6    | 09.1       | 4038         | 4135         | 12.6       | 38       | 670            | "     | "             | "         | "           | "            | "       |  |
|          | 08:30    | 53° 58.2    | 05.9       | 4364         | 4380         | 12.5       | 37       | 700            | "     | "             | "         | "           | "            | "       |  |
|          | 08:45    | 55.7        | 02.8       | 4451         | 4461         | 12.4       | 38       | 1000           | "     | "             | "         | "           | "            | "       |  |
|          | 09:00    | 53.2        | 21° 59.6   | 3111         | 3139         | 12.3       | 38       | 600            | "     | "             | "         | "           | "            | "       |  |

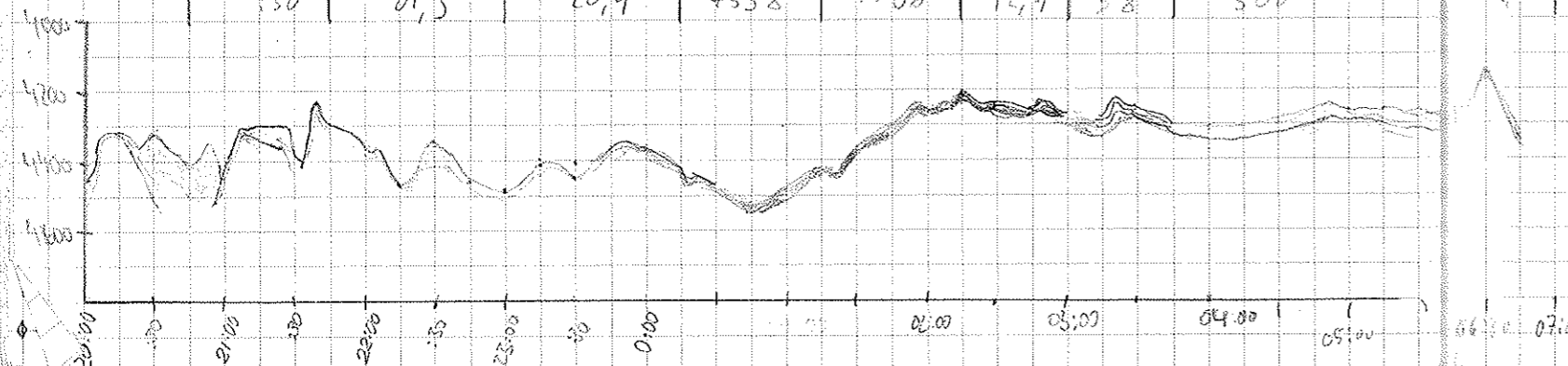




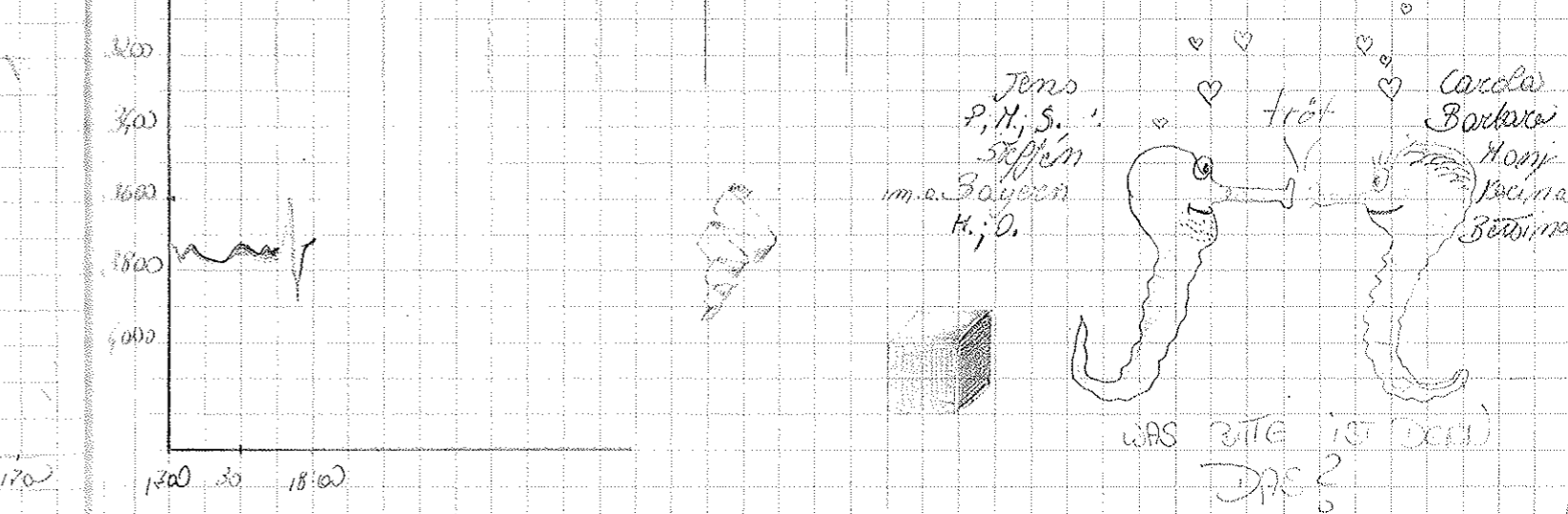
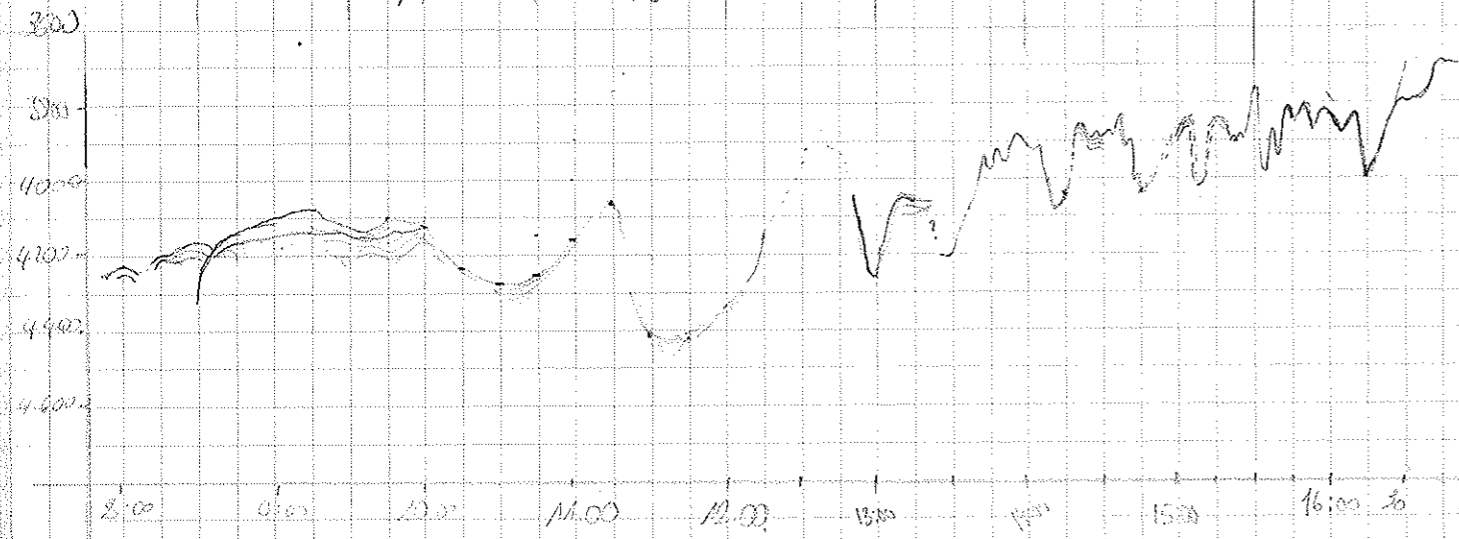
| Datum   | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe FS | Tiefe I/S | Spalten [km] | Kurs [°] | Wasserdruck [mbar] | Freq. PS | Polare | Period length | Wahl Time | Dist Roll | Page No | Werte  | Bemerkungen   |
|---------|----------|-------------|------------|----------|-----------|--------------|----------|--------------------|----------|--------|---------------|-----------|-----------|---------|--------|---|
| 3.01.98 | 9:15     | 53°50,7     | 210°56,4   | -        | 3763      | 12,6         | 37       | 280                | 4        | 2      | 266           | 0         | 20        | 136     | Carman |   |
|         | :30      | 48,2        | 53,1       | 3576     | 4332      | 12,8         | 37       | 280                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 45,4        | 49,6       | 4347     | -         | 12,6         | 36       | 950                | "        | "      | "             | "         | "         | "       | "      |   |
|         | 10:00    | 43,0        | 46,9       | 4419     | 4377      | 12,7         | 36       | 700                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 40,5        | 43,74      | 4400     | 4417      | 12,6         | 37       | 2332               | "        | "      | "             | "         | "         | "       | Denise | ET ~ 20m - keine HS/RS Tafe um 11 @   |
|         | :30      | 37,98       | 40,47      | -        | -         | 12,4         | 38       | 488                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 35,48       | 37,18      | 4531     | 4547      | 12,3         | 39       | 862                | "        | "      | "             | "         | "         | "       | "      |   |
|         | 11:00    | 32,92       | 33,26      | 4558     | 4527      | 12,6         | 36       | 971                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 30,42       | 31,05      | 4488     | 4503      | 12,4         | 34       | 1440               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :30      | 27,97       | 28,11      | 4423     | 4428      | 12,5         | 38       | 753                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 25,37       | 24,25      | 4480     | -         | 12,8         | 37       | 820                | "        | "      | "             | "         | "         | "       | "      |   |
|         | 12:00    | 22,89       | 21,80      | 4524     | 4557      | 12,8         | 37       | 706                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 20,3        | 18,6       | 4575     | (4598)    | 12,8         | 37       | 1000               | "        | "      | "             | "         | "         | 137     | Anke   | HS-Absturz 12:45-11:50 auch kein RS mehr bis 12:00/12:55<br>Tapewechsel 12:08, ET ~ 40m<br>... immerzu HS-Abstürze...<br>... seit gestern ~ 22° ... ET ~ 30 |
|         | :30      | 17,8        | 15,4       | 4536     | "         | 12,9         | 35       | 1300               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 15,2        | 12,2       | 4533     | "         | 12,9         | 37       | 1200               | "        | "      | "             | "         | "         | "       | "      |   |
|         | 13:00    | 12,7        | 08,9       | 4489     | (4516)    | 12,8         | 38       | 2200               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 10,4        | 05,8       | 4515     | (4509)    | 12,8         | 35       | 1300               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :30      | 07,4        | 02,7       | 4510     | (4529)    | 12,8         | 36       | 900                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 04,8        | 20°59'46"  | 4491     | (4509)    | 12,9         | 37       | 1300               | "        | "      | "             | "         | "         | "       | "      | ET ~ 30m, selbste Reflexoren  |
|         | 14:00    | 02,3        | 56,4       | 4525     | (4546)    | 12,4         | 38       | 1800               | "        | "      | "             | "         | "         | "       | Babele |   |
|         | :15      | 52°59,8     | 53,1       | 4532     | (4600)    | 12,6         | 37       | 900                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :30      | 57,3        | 50,1       | 4403     | (4427)    | 12,7         | 35       | 700                | "        | "      | "             | "         | "         | "       | "      | ET > 100m   |
|         | :45      | 54,7        | 47,0       | 4448     | (4468)    | 12,7         | 36       | 1500               | "        | "      | "             | "         | "         | "       | "      |   |
|         | 15:00    | 52,1        | 43,9       | 4476     | (4499)    | 12,5         | 36       | 1400               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 49,7        | 40,8       | 4504     | (4531)    | 12,8         | 37       | 1000               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :30      | 47,2        | 37,6       | 4564     | (4583)    | 12,8         | 37       | 800                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 44,7        | 34,4       | 0        | (4494)    | 12,9         | 38       | 250                | "        | "      | "             | "         | "         | "       | "      |   |
|         | 16:00    | 42,14       | 31,82      | 4260     | 4282      | 13,1         | 32       | 1790               | "        | "      | "             | "         | "         | "       | Barbar | ET < 20m  |
|         | :15      | 39,49       | 28,43      | 4492     | 4514      | 13,8         | 34,5     | 4400               | "        | "      | "             | "         | "         | "       | "      | ET > 80m  |
|         | :30      | 36,46       | 25,53      | 4413     | 4438      | 13,8         | 32,9     | 130                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 34,18       | 22,54      | 4421     | 4445      | 12,5         | 36,9     | 950                | "        | "      | "             | "         | "         | "       | "      | ET ~ 20m  |
|         | 17:00    | 31,63       | 19,46      | 4288     | 4306      | 12,4         | 35,7     | 1200               | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 29,10       | 16,43      | 4242     | 4262      | 12,1         | 39,4     | 1100               | "        | "      | "             | "         | "         | 138     | "      | 17:04 Tapewechsel   |
|         | :30      | 26,69       | 13,24      | 4206     | 4221      | 12,4         | 37,5     | 2000               | "        | "      | "             | "         | "         | "       | "      | ET ~ 50m  |
|         | :45      | 24,21       | 10,06      | 4203     | 4218      | 12,9         | 40,0     | 1300               | "        | "      | "             | "         | "         | "       | "      |   |
|         | 18:00    | 21,80       | 06,24      | 4286     | 4317      | 12,3         | 38       | 1300               | "        | "      | "             | "         | "         | "       | WVVV   |   |
|         | :15      | 19,36       | 03,60      | 4272     | 4291      | 12,6         | 41,6     | 500                | "        | "      | "             | "         | "         | "       | "      | ET ~ 30m  |
|         | :30      | 16,81       | 00,21      | 4257     | 4274      | 12,8         | 35,5     | 800                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 14,24       | 19°57'06"  | 4417     | 4441      | 13,0         | 36,3     | 350                | "        | "      | "             | "         | "         | "       | "      |   |
|         | 19:00    | 11,60       | 53,82      | 4482     | -         | 13,1         | 37,2     | 500                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :15      | 09,03       | 50,37      | -        | 4340      | 13,2         | 37,2     | 730                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :30      | 06,4        | 47,7       | -        | 4627      | 12,8         | 36       | 350                | "        | "      | "             | "         | "         | "       | "      |   |
|         | :45      | 03,67       | 44,38      | 4530     | 4553      | 13,0         | 36,4     | 600                | "        | "      | "             | "         | "         | "       | "      | ET ~ 160m   |



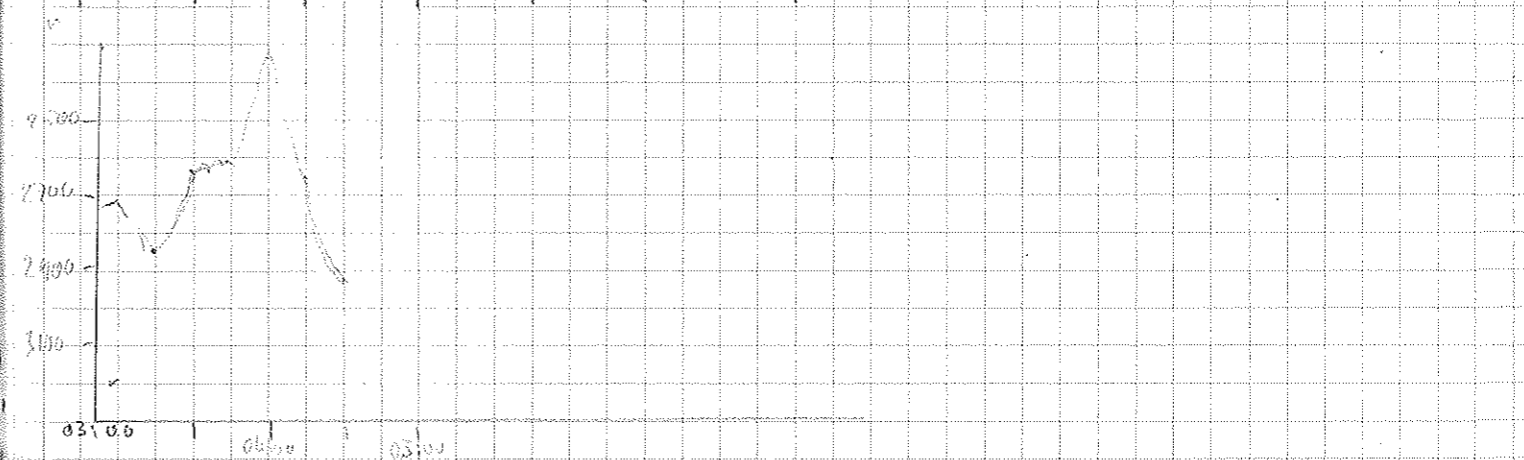
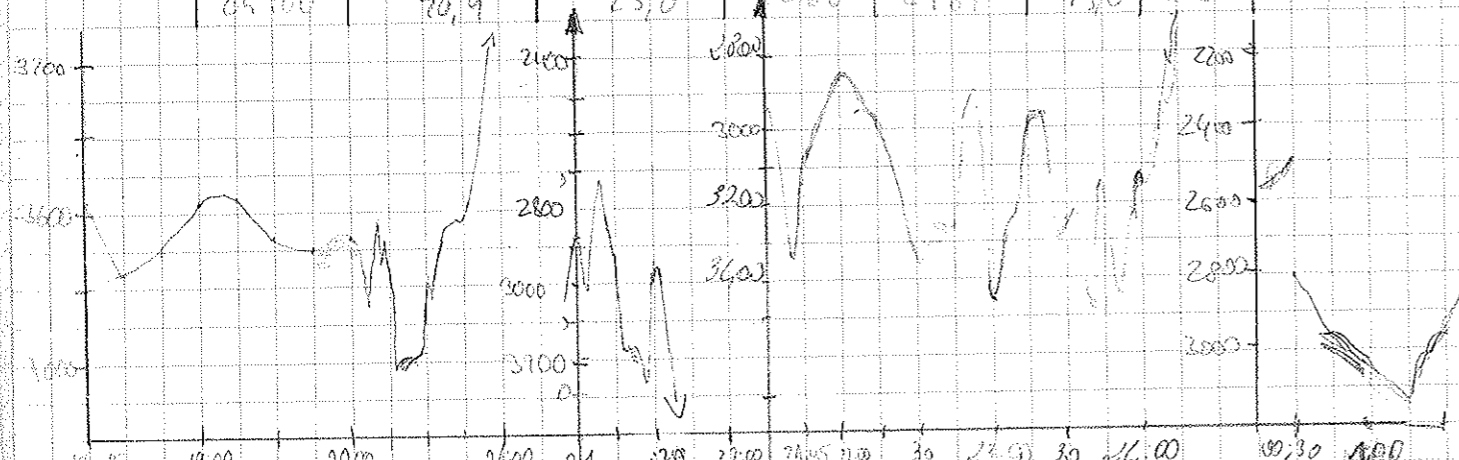
| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe FS | Tiefe HS | Speed [km/h] | Kurs [°] | Armo Max [mV] | Mag | Pulse | Recept | Wait Time | Des. Rollen | Tape NP | Wache   | Bemerkungen                        |
|----------|----------|-------------|------------|----------|----------|--------------|----------|---------------|-----|-------|--------|-----------|-------------|---------|---------|------------------------------------|
| 3.1.98   | 20:00    | 52° 01.1    | 19° 41.4   | 4464     | 4492     | 13.0         | 34       | 400           | "   | 2     | 266    | 0         | 20          | 138     | Soen    | ET > 75m                           |
|          | :15      | 51° 58.4    | 38.4       | 4325     | 4344     | 13.0         | 34       | 1000          | "   | "     | "      | "         | "           | "       | "       | ET ~ 25m                           |
|          | :30      | 55.8        | 35.5       | 4368     | 4388     | 12.7         | 34       | 600           | "   | "     | "      | "         | "           | "       | "       | ET > 100m                          |
|          | :45      | 53.1        | 32.1       | 4417     | 4434     | 12.9         | 36       | 1200          | "   | "     | "      | "         | "           | "       | "       | ET ~ 100m                          |
|          | 21:00    | 50.7        | 29.3       | 4417     | 4447     | 12.8         | 38       | 500           | "   | "     | "      | "         | "           | "       | "       | ET ~ 50m                           |
|          | :15      | 48.2        | 26.0       | 4297     | 4316     | 13.5         | 36       | 800           | "   | "     | "      | "         | "           | "       | "       | ET ~ 75m                           |
|          | :30      | 45.6        | 22.9       | 4360     | 4384     | 12.7         | 35       | 500           | "   | "     | "      | "         | "           | "       | "       | ET ~ 30m                           |
|          | :45      | 43.0        | 20.0       | 4307     | 4328     | 12.8         | 35       | 2000          | "   | "     | "      | "         | "           | "       | "       | "                                  |
|          | 22:00    | 40.43       | 16.96      | 4373     | 4396     | 12.7         | 36       | 1000          | "   | "     | "      | "         | "           | 139     | Fürkany | 21:56 Tapewechsel 138 → 139        |
|          | :15      | 38.84       | 13.86      | 4420     | 4442     | 12.6         | 36       | 900           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 35.21       | 10.72      | 4340     | 4376     | 12.7         | 37       | 300           | "   | "     | "      | "         | "           | "       | "       | 22:41: weiteres "Muster" ET ~ 100m |
|          | :45      | 32.63       | 07.57      | 4446     | 4470     | 12.5         | 38       | 400           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 23:00    | 30.08       | 04.54      | 4481     | 4507     | 12.9         | 35       | 1000          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 27.40       | 01.43      | 4407     | 4406     | 12.6         | 35       | 700           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 24.84       | 18° 58.48  | 4422     | 4445     | 12.8         | 35       | 1000          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 22.23       | 55.53      | 4374     | 4400     | 12.6         | 36       | 1000          | "   | "     | "      | "         | "           | "       | "       |                                    |
| 04/01/98 | 0:00     | 51° 19.8    | 18° 52.4   | 4387     | 4427     | 13.0         | 37       | 1100          | "   | "     | "      | "         | "           | "       | Fürkany |                                    |
|          | :15      | 51° 17.6    | 18° 49.6   | 4417     | 4449     | 12.5         | 38       | 500           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 51° 14.3    | 18° 46.5   | 4463     | 4491     | 12.8         | 35       | 400           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 51° 11.0    | 18° 43.2   | 4441     | 4541     | 11.5         | 37       | 1600          | "   | "     | "      | "         | "           | "       | "       | PS-Tiefe                           |
|          | 01:00    | 51° 09.7    | 18° 40.4   | 4427     | 4486     | 12.9         | 39       | 1500          | "   | "     | "      | "         | "           | "       | "       | ET ~ 30m                           |
|          | :15      | 51° 06.8    | 18° 37.0   | 4419     | 4442     | 12.5         | 35       | 1000          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 51° 04.4    | 18° 34.2   | 4390     | 4417     | 12.1         | 35       | 1200          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 51° 01.9    | 18° 31.3   | 4319     | 4338     | 12.6         | 32.1     | 800           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 02:00    | 50° 59.3    | 18° 29.0   | 4265     | 4285     | 12.6         | 38.1     | 501           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 50° 56.5    | 18° 24.8   | 4177     | 4227     | 11.8         | 34       | 300           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 50° 54.2    | 18° 22.3   | 4234     | 4265     | 12.8         | 36.6     | 1400          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 50° 51.5    | 18° 19.2   | 4243     | -        | 12.5         | 39.2     | 1600          | "   | "     | "      | "         | "           | "       | "       | 01:52 TAPPELWECHSEL 139 → 140      |
|          | 03:00    | 50° 48.9    | 18° 16.1   | 4257     | 4279     | 12.9         | 38       | 700           | "   | "     | "      | "         | "           | 140     | "       |                                    |
|          | :15      | 50° 46.5    | 18° 12.9   | 4287     | 4307     | 12.7         | 33       | 1200          | "   | "     | "      | "         | "           | "       | "       | ET > 100m                          |
|          | :30      | 50° 44.1    | 18° 10.2   | 4289     | 4293     | 12.5         | 34       | 500           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 50° 41.2    | 18° 07.0   | 4299     | -        | 12.7         | 36       | 1500          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 04:00    | 50° 38.9    | 18° 04.4   | 4304     | 4320     | 13.3         | 38       | 500           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 50° 35.9    | 18° 00.6   | 4300     | 4322     | 13.2         | 38       | 1050          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 33.4        | 17° 57.3   | 4301     | 4325     | 13.4         | 40       | 1080          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 30.9        | 54.4       | 4289     | 4315     | 13.7         | 32       | 600           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 05:00    | 27.4        | 50.5       | 4274     | 4297     | 13.2         | 39       | 1900          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 25.5        | 48.4       | 4267     | 4298     | 13.5         | 36       | 1900          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 22.7        | 45.2       | 4258     | 4278     | 13.4         | 36       | 1900          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 20.1        | 42.3       | 4266     | 4290     | 13.8         | 39       | 1800          | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 06:00    | 16.5        | 38.0       | 4275     | 4295     | 13.4         | 39       | 460           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 14.7        | 35.9       | -        | 4432     | 13.6         | 36       | 300           | "   | "     | "      | "         | "           | "       | "       | PS-Tiefe häufiges Pulsch           |
|          | :30      | 11.9        | 32.7       | 4155     | 4178     | 13.4         | 36       | 300           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :45      | 08.3        | 29.6       | -        | 4677     | 13.5         | 34       | 700           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | 07:00    | 06.9        | 27.1       | 4331     | 4364     | 13.6         | 36       | 700           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :15      | 04.2        | 24.1       | 4228     | 4267     | 14.3         | 36       | 800           | "   | "     | "      | "         | "           | "       | "       |                                    |
|          | :30      | 01.3        | 20.9       | 4538     | 4566     | 12.9         | 38       | 300           | "   | "     | "      | "         | "           | "       | "       |                                    |



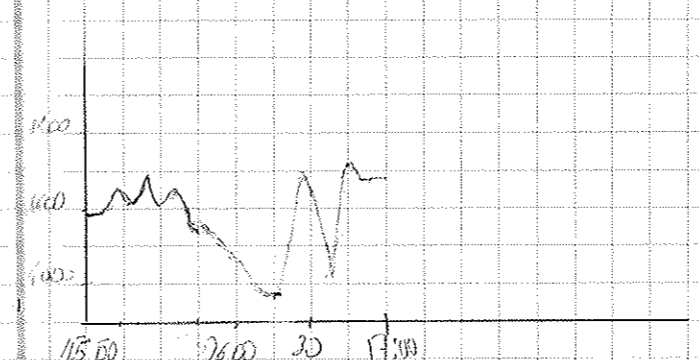
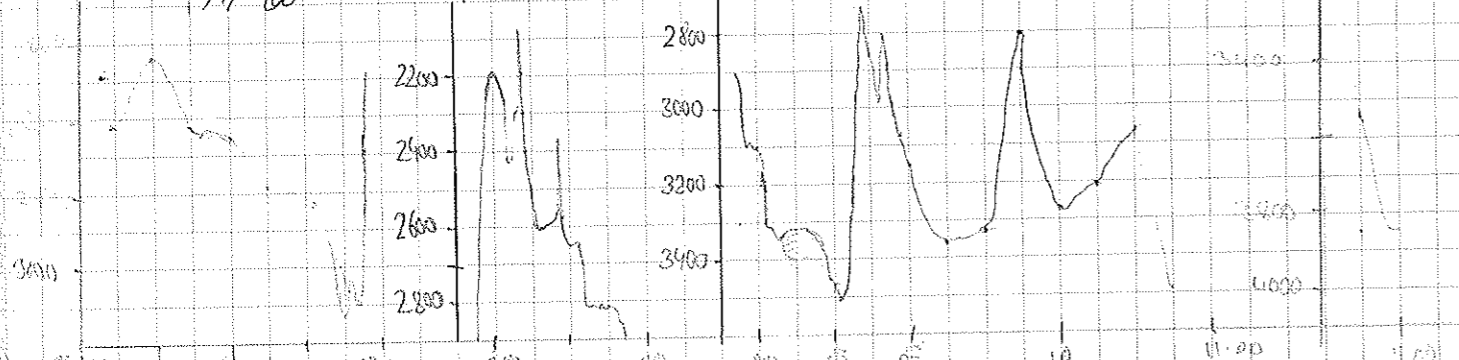
| Datum    | Zeit UTC | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe 145 | Gradient [K/m] | Kurs [°] | Max Ampt. [mV] | PS | Recht | Recht Länge | Wahl | Tiefe | Recht | Wahl    | Bemerkungen                |                                   |
|----------|----------|-------------|------------|----------|-----------|----------------|----------|----------------|----|-------|-------------|------|-------|-------|---------|----------------------------|-----------------------------------|
| 24/01/98 | 07:45    | 49°53.3     | 17°17.2    | 3340     | 4286      | 13.5           | 38       | 750            | "  | "     | 286         | 0    | "     | 20    | "       |                            |                                   |
|          | 8:00     | 56.1        | 14.5       | 4232     | 4040      | 12.9           | 38       | 1720           | "  | "     | "           | "    | 14A   | "     | Caumen  | 7:58 Tempwechsel 140 → 14A |                                   |
|          | :15      | 53.6        | 11.6       | 4207     | -         | 13.0           | 37       | 570            | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | :30      | 51.2        | 8.8        | 4176     | 4148      | 13.3           | 34       | 1700           | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | :45      | 48.3        | 5.7        | 4137     | 4161      | 13.5           | 35       | 1800           | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | 9:00     | 45.6        | 2.7        | 4100     | 4124      | 13.4           | 32       | 1300           | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | :15      | 43.1        | 16°41.7    | 4080     | 4099      | 13.2           | 37       | 900            | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | :30      | 40.6        | 56.9       | 4102     | 4124      | 13.1           | 36       | 900            | "  | "     | "           | "    | "     | "     | "       |                            |                                   |
|          | :45      | 37.7        | 53.7       | 4135     | 4157      | 13.4           | 37       | 900            | "  | "     | "           | "    | "     | "     | "       | ET > 100 m                 |                                   |
|          | 10:00    | 35.17       | 50.87      | 4097     | 4117      | 13.6           | 35       | 1213           | "  | "     | "           | "    | "     | "     | Denise  | ET ~ 40 m                  |                                   |
|          | :15      | 32.61       | 47.88      | -        | 4282      | 12.6           | 38       | 1660           | "  | "     | "           | "    | "     | "     | "       | "                          | findet oft keine B-Tiefe          |
|          | :30      | 30.03       | 44.85      | -        | 4272      | 11.8           | 40       | 613            | "  | "     | "           | "    | "     | "     | "       | "                          | NS oft abgestürzt                 |
|          | :45      | 27.83       | 42.29      | 4122     | 4251      | 13             | 36       | -              | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 11:00    | 25.02       | 39.20      | 4104     | 4147      | 12.4           | 35       | 885            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :15      | 22.63       | 36.38      | -        | 4084      | 12.2           | 35       | 341            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :30      | 20.16       | 33.52      | 4234     | 4403      | 12.5           | 38       | 1035           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :45      | 16.67       | 30.55      | 4237     | 4418      | 12.4           | 38       | 260            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 12:00    | 15.1        | 27.7       | 4382     | 4411      | 12.3           | 36       | 200            | "  | "     | "           | "    | "     | "     | Sven    | ET ~ 25 m                  |                                   |
|          | :15      | 12.6        | 25.0       | 4161     | 4179      | 12.8           | 36       | 900            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :30      | 10.0        | 22.1       | 3991     | 4007      | 12.8           | 35       | 300            | "  | "     | "           | "    | "     | "     | "       | "                          | oft falsche PS-Tiefe              |
|          | :45      | 07.4        | 19.3       | -        | 3996      | 12.8           | 36       | 400            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 13:00    | 04.9        | 16.4       | 4249     | 4266      | 12.4           | 38       | 800            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :15      | 49°02.41    | 13.45      | 4089     | 4079      | 13.0           | 36       | 1000           | "  | "     | "           | "    | "     | "     | "       | "                          | wieder alles bestens !! bis 13:26 |
|          | :30      | 48°59.91    | 10.68      | 4205     | 4162      | 13.0           | 37       | 500            | "  | "     | "           | "    | "     | "     | "       | "                          | 13:41 TAPENWECHSEL 141 → 142      |
|          | :45      | 57.3        | 07.8       | 3981     | -         | 12.8           | 35       | 300            | "  | "     | "           | "    | 142   | "     | "       | "                          |                                   |
|          | 14:00    | 54.7        | 04.9       | 3915     | 3916      | 12.8           | 38       | 800            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :15      | 52.2        | 01.9       | 4023     | 4020      | 12.6           | 37       | 200            | "  | "     | "           | "    | "     | "     | Barbie  |                            |                                   |
|          | :30      | 49.7        | 15°59.1    | 3886     | 3895      | 12.7           | 36       | 350            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :45      | 47.2        | 56.2       | 4080     | -         | 12.6           | 38       | 500            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 15:00    | 44.7        | 53.2       | 3853     | 3878      | 12.2           | 39       | 1000           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :15      | 42.2        | 50.3       | 3852     | 3873      | 12.4           | 35       | 1550           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :30      | 39.6        | 47.6       | 3768     | 3795      | 12.4           | 36       | 170            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :45      | 37.1        | 44.9       | 3819     | 3820      | 12.5           | 37       | 1050           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 16:00    | 34.55       | 41.94      | 3821     | 3826      | 12.6           | 34       | 400            | "  | "     | "           | "    | "     | "     | Barbara |                            |                                   |
|          | :15      | 32.00       | 39.25      | 3995     | 4009      | 12.7           | 33       | 400            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :30      | 29.42       | 36.45      | 3787     | 3803      | 12.8           | 34.5     | 3700           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :45      | 26.95       | 33.56      | 3698     | 3714      | 12.8           | 38       | 1200           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 17:00    | 24.44       | 30.65      | 3733     | 3750      | 13.4           | 37       | 200            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :15      | 21.88       | 27.77      | 3768     | 3783      | 12.5           | 35       | 1600           | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :30      | 19.30       | 24.95      | 3713     | 3760      | 13             | 36       | 600            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | :45      | 16.71       | 22.18      | 3762     | 3754      | 13             | 36       | 700            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |
|          | 18:00    | 14.13       | 19.43      | 3737     | 3730      | 13             | 36       | 380            | "  | "     | "           | "    | "     | "     | "       | "                          |                                   |



| Datum               | Zeit UTC | Bearing [°S] | Latitude [°W] | Tiefe PS | Tiefe TTS | Speed [km] | Wind [°] | Amplitude Max [mV] | Freq [Hz] | Pulse | Period [s] | Wait Time | Tap # | Drop Rate | Wache    | Bemerkungen                         |
|---------------------|----------|--------------|---------------|----------|-----------|------------|----------|--------------------|-----------|-------|------------|-----------|-------|-----------|----------|-------------------------------------|
| 06.12.13            | 18:15    | 48° 11, 49   | 15° 16, 53    | 3571     | 3598      | 12,1       | 36       | 64,8               | 4         | 8     | 266        | 0         | 142   | 20        | Bernardo | De Barbara Dank!                    |
|                     | 18:30    | 48° 8, 86    | 15° 13, 45    | 3750     | 3760      | 13,1       | 35       | 65,1               | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 18:45    | 48° 6, 53    | 15° 11, 17    | 3702     | 3715      | 13,3       | 38       | 34,3               | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 19:00    | 48° 35,7     | 15° 7, 8      | 3579     | 3619      | 11,9       | 36,1     | 719,1              | "         | "     | "          | "         | 143   | "         | Marc     | FT ~ 100 m!<br>Tapewechsel um 19:07 |
|                     | 19:15    | 48° 1, 15    | 15° 5, 0      | 3563     | 3578      | 12,8       | 36,8     | 200,6              | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 19:30    | 49° 58,5     | 15° 2, 7      | 3691     | 3894      | 13,1       | 38,3     | 807,5              | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 19:45    | 49° 55,9     | 14° 59,2      | 3702     | 3717      | 12,8       | 37,7     | 338,8              | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 20:00    | 47° 43,4     | 14° 56,4      | 3683     | 3687      | 13,0       | 35,2     | 400                | "         | "     | "          | "         | "     | "         | Nadia    | Signal sehr stark!                  |
|                     | 20:15    | 50,8         | 43,5          | 2        | 3722      | 12,8       | 36,2     | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 20:30    | 48,0         | 50,6          | 37       | 3835      | 13,1       | 35,3     | 350                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 20:45    | 45,5         | 47,9          | 3633     | 3629      | 12,7       | 37,2     | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 21:00    | 42,9         | 44,9          | 2891     | 2912      | 12,4       | 36,3     | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 21:15    | 40,4         | 42,2          | 2912     | 2918      | 13,2       | 38       | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 21:30    | 37,8         | 39,3          | 2966     | 2964      | 13,1       | 38       | 500                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 21:45    | 35,2         | 36,5          | 2932     | 2937      | 12,6       | 36       | 300                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 22:00    | 47,3         | 14,4          | -        | 2889      | 12,8       | 36,      | 351                | "         | "     | "          | "         | "     | "         | Ulrich   | Alle das getaufte Pack am Bord!!!   |
|                     | 22:15    | 47,3         | 14,3          | -        | 2935      | 12,8       | 36,6     | 502                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 22:30    | 24,43        | 28,14         | 3369     | 3376      | 13,3       | 38,8     | 300                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 22:45    | 25,26        | 35,44         | 3229     | 3232      | 13,2       | 31,5     | 200                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 23:00    | 22,56        | 32,53         | 3390     | 3403      | 13,3       | 37,4     | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
| 23:15               | 20,26    | 20,10        | 2973          | 3057     | 12,0      | 35,0       | 600      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 23:30               | 17,49    | 17,43        | 3263          | 3315     | 11,9      | 35,2       | 400      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 23:45               | 15,33    | 14,66        | 3195          | 3221     | 12,4      | 32,4       | 500      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| Tapewechsel<br>05.1 | 24:00    | 12,85        | 11,76         | ?        | 3046      | 13,7       | 39,4     | 500                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 24:15    | 47° 10,4     | 14° 08,8      | 2679     | 2699      | 12,8       | 30,3     | 1507               | "         | "     | "          | "         | "     | "         | Portugal | ein einziger, am und her            |
|                     | 24:30    | 47° 08,1     | 14° 06,0      | 2763     | 2812      | 13,2       | 39,5     | 700                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 24:45    | 05,97        | 02,59         | 2051     | 2059      | 12,9       | 40,2     | 396                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 01:00    | 47° 03,2     | 14° 00,4      | 3045     | 3057      | 12,6       | 33,5     | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 01:15    | 00,13        | 13° 57,22     | -        | 3129      | 12,5       | 35       | 584                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 01:30    | 46° 57,6     | 13° 54,5      | 2933     | 2944      | 12,0       | 38       | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 01:45    | 46° 55,1     | 13° 52,0      | 2573     | 2602      | 11,7       | 30,5     | 300                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 02:00    | 46° 52,5     | 13° 49,5      | 2770     | 2770      | 12,3       | 32,0     | 239                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 02:15    | 46° 50,5     | 13° 47,5      | 2414     | 2453      | 12,4       | 37       | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 02:30    | 46° 47,7     | 13° 44,5      | 2402     | 2417      | 12,3       | 36       | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 02:45    | 46° 45,0     | 13° 41,7      | 2424     | 2446      | 12,3       | 36       | 400                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 03:00    | 46° 42,6     | 13° 39,1      | 2706     | 2746      | 12,4       | 37       | 500                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 03:15    | 46° 40,2     | 13° 36,5      | 2831     | 2887      | 12,5       | 37       | 300                | "         | "     | "          | "         | "     | "         | "        |                                     |
|                     | 03:30    | 37,7         | 33,6          | 2634     | 2668      | 12,3       | 38       | 300                | "         | "     | "          | "         | "     | "         | "        |                                     |
| 03:45               | 35,1     | 31,5         | 2504          | 2530     | 12,5      | 23         | 300      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 04:00               | 32,3     | 29,8         | 2339          | 2339     | 12,2      | 22         | 600      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 04:15               | 29,2     | 27,9         | 2659          | 2738     | 12,8      | 24         | 300      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 04:30               | 26,5     | 26,3         | 2919          | 2941     | 12,9      | 22         | 400      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 04:45               | 22,7     | 24,1         | 2211          | 2219     | 12,9      | 23         | 600      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |
| 05:00               | 20,9     | 23,0         | 2060          | 2181     | 13,0      | 23         | 300      | "                  | "         | "     | "          | "         | "     | "         |          |                                     |

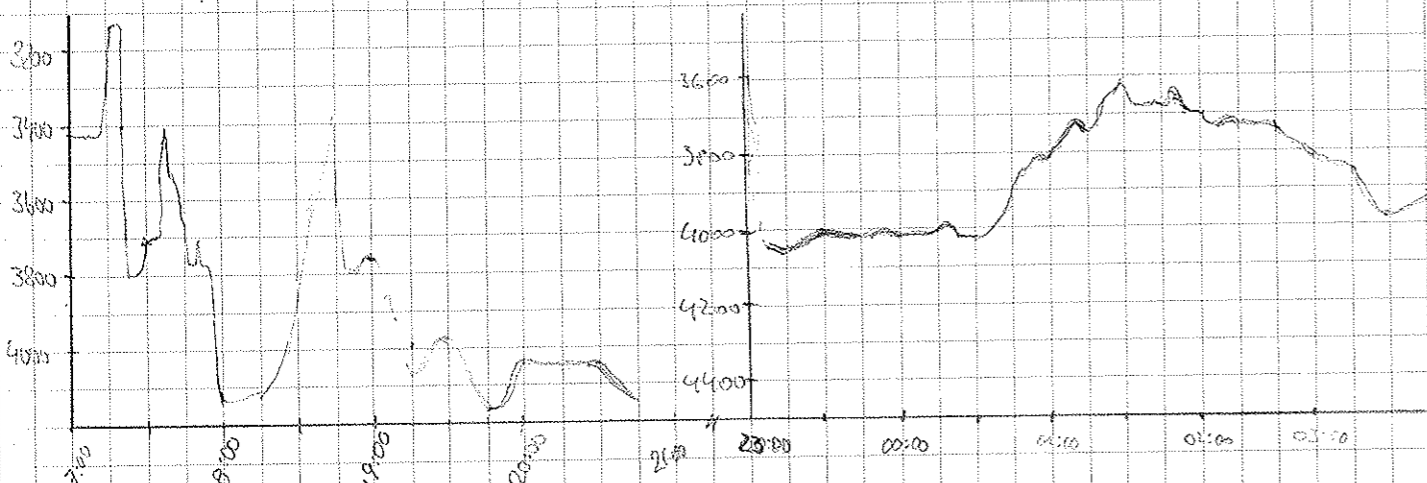


| Datum    | Zeit  | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe MS | Opal [‰] | Kalk [‰] | Max. Opal [‰] | Temp. [°C] | Probe | Reinigt. [g] | Wahl. [g] | Neue [g] | Tage [g] | Wahl. [g] | Handwritten Notes           |
|----------|-------|-------------|------------|----------|----------|----------|----------|---------------|------------|-------|--------------|-----------|----------|----------|-----------|-----------------------------|
| 05/01/97 | 05:15 | 46° 17.4    | 13° 20.9   | 2612     | 2624     | 13.3     | 23       | 700           | 4          | 2     | 266          | 20        | 144      | 144      | 144       |                             |
|          | 34    | 15.8        | 18.6       | 2441     | 2462     | 12.7     | 22       | 600           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 46    | 11.3        | 17.2       | 2625     | 2686     | 12.9     | 22       | 900           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 06:00 | 09.5        | 15.6       | 2634     | 2686     | 12.9     | 22       | 650           | "          | "     | "            | "         | "        | "        | "         | 06:05 Reswechsel            |
|          | 15    | 05.8        | 14.1       | 2798     | 2813     | 12.6     | 22       | 2000          | "          | "     | "            | "         | "        | "        | "         | E-T ~ 50 m                  |
|          | 26:30 | 02.6        | 12.3       | 2918     | 2940     | 12.8     | 23       | 500           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 48    | 45° 58.4    | 12.9       | 3198     | 3243     | 12.5     | 22       | 400           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 07:01 | 56.7        | 08.8       | 2182     | 2229     | 13.3     | 24       | 300           | "          | "     | "            | "         | "        | "        | "         | Soon E-T < 25 m             |
|          | 15    | 53.6        | 06.8       | 2505     | 2587     | 13.3     | 23       | 500           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 30    | 50.6        | 04.9       | 2649     | 2742     | 13.6     | 23       | 400           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 47.6        | 02.9       | 2810     | 2839     | 13.4     | 24       | 600           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 08:00 | 44.5        | 13° 00.9   | 3105     | 3162     | 13.7     | 25       | 300           | "          | "     | "            | "         | 145      | "        | "         | 07:58 TAPEWECHSEL 144 → 145 |
|          | 15    | 41.4        | 12° 58.9   | 3319     | 3348     | 13.7     | 24       | 1200          | "          | "     | "            | "         | "        | "        | "         | E-T > 100 m                 |
|          | 30    | 38.3        | 56.5       | 3488     | 3518     | 13.7     | 32       | 600           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 35.2        | 54.6       | 2885     | 2940     | 13.9     | 20       | 500           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 09:00 | 32.0        | 53.1       | -        | 3256     | 13.3     | 17       | 300           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 9:15  | 28.7        | 51.6       | 3472     | 3350     | 13.7     | 20.5     | 650           | "          | "     | "            | "         | "        | "        | "         | Seene                       |
|          | 9:30  | 25.5        | 50.1       | 3329     | 3224     | 13.5     | 19.4     | 656           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 9:45  | 22.4        | 48.3       | 2793     | 2792     | 13.5     | 21.5     | 478           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 10:00 | 18.2        | 45.9       | 3273     | 3288     | 13.6     | 19.6     | 471           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 10:15 | 16.1        | 44.6       | 3274     | 3272     | 14       | 22.2     | 1590          | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 10:30 | 12.7        | 42.7       | 2948     | 3027     | 13.6     | 19.7     | 280           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 09.7        | 41.2       | 35-      | 3538     | 13.5     | 19.8     | 400           | "          | "     | "            | "         | "        | "        | "         | Kaja                        |
|          | 11:00 | 06.5        | 39.4       | 3651     | 3680     | 13.6     | 22       | 700           | "          | "     | "            | "         | "        | "        | "         | Kaja                        |
|          | 15    | 45° 3' 26.7 | 10° 38.6   | 3454     | 3548     | 13.3     | 22.8     | 608           | "          | "     | "            | "         | "        | "        | "         | Kaja                        |
|          | 30    | 45° 0' 13.4 | 10° 35.8   | 3457     | 3444     | 13.5     | 24.7     | 215           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 44° 56.3    | 10° 34.1   | 3415     | 3419     | 13.6     | 24.6     | 695           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 12:00 | 44° 54.1    | 11° 32.2   | 3084     | 3108     | 13.7     | 23.9     | 870           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 15    | 44° 50.8    | 12° 30.3   | 3465     | 3451     | 13.7     | 23.5     | 675           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 30    | 44° 47.8    | 12° 28.5   | 3610     | 3620     | 13.2     | 24.4     | 434           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 44° 44.7    | 12° 26.7   | 3551     | 3521     | 14.2     | 23.4     | 1467.5        | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 14:00 | 44° 41.5    | 12° 24.5   | 3516     | 3526     | 12.5     | 24.2     | 1630.3        | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 15    | 44° 38.5    | 12° 23.1   | 3428     | 3425     | 13.3     | 24.2     | 1526.1        | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 30    | 44° 35.7    | 12° 21.4   | 3670     | 3679     | 13.0     | 23.6     | 3140          | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 44° 32.6    | 12° 19.7   | 3465     | 3473     | 13.2     | 24.0     | 708           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 13:50 | 44° 31.3    | 12° 18.0   | 3477     | 3435     | 13.6     | 24.2     | 400           | "          | "     | "            | "         | 146      | "        | "         | Tapewechsel                 |
|          | 14:15 | 44° 26.8    | 12° 16.5   | 3404     | 3410     | 13.4     | 24.1     | 882           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 44° 29.4    | 12° 14.7   | 3376     | 3397     | 13.0     | 24.0     | 309.5         | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 15:00 | 44° 17.2    | 12° 11.0   | 3410     | 3440     | 13.2     | 24.3     | 451.8         | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 15    | 46° 14.32   | 12° 09.34  | 3525     | 3562     | 13.5     | 24.4     | 1000          | "          | "     | "            | "         | "        | "        | "         | Barbara                     |
|          | 30    | 11.35       | 08.64      | 3513     | 3532     | 13.4     | 23.6     | 400           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 08.11       | 05.84      | 3677     | 3685     | 13.0     | 23.5     | 1200          | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 16:00 | 05.16       | 02.13      | 3863     | 3923     | 13.0     | 24.7     | 300           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 15    | 02.05       | 03.40      | 4099     | 4119     | 13.0     | 21.0     | 900           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 30    | 43° 59' 01  | 00.76      | 3571     | 3591     | 13.1     | 21.2     | 200           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 45    | 56.03       | 11° 59.13  | 3376     | 3365     | 13.5     | 21.5     | 400           | "          | "     | "            | "         | "        | "        | "         |                             |
|          | 17:00 | 52.9        | 59.2       | 3415     | 3432     | 13.4     | 25       | 1000          | "          | "     | "            | "         | "        | "        | "         |                             |

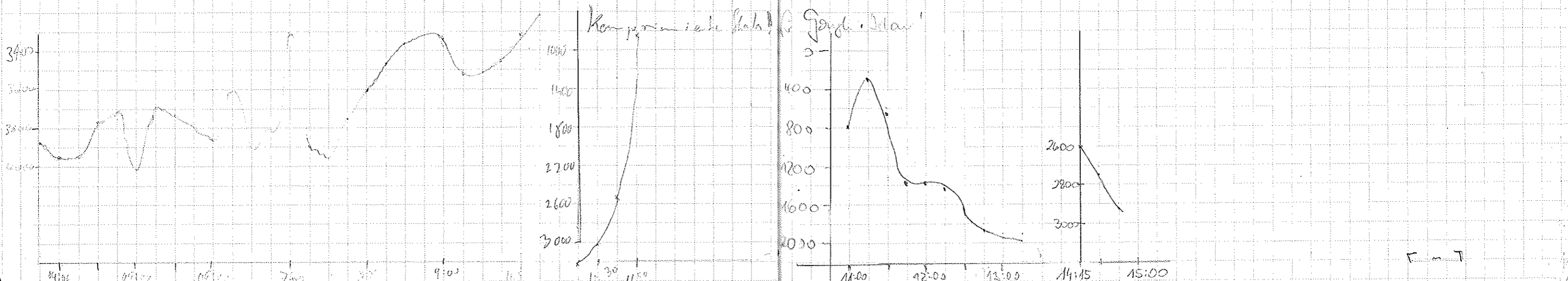


Oh wie schön ist Summerland!

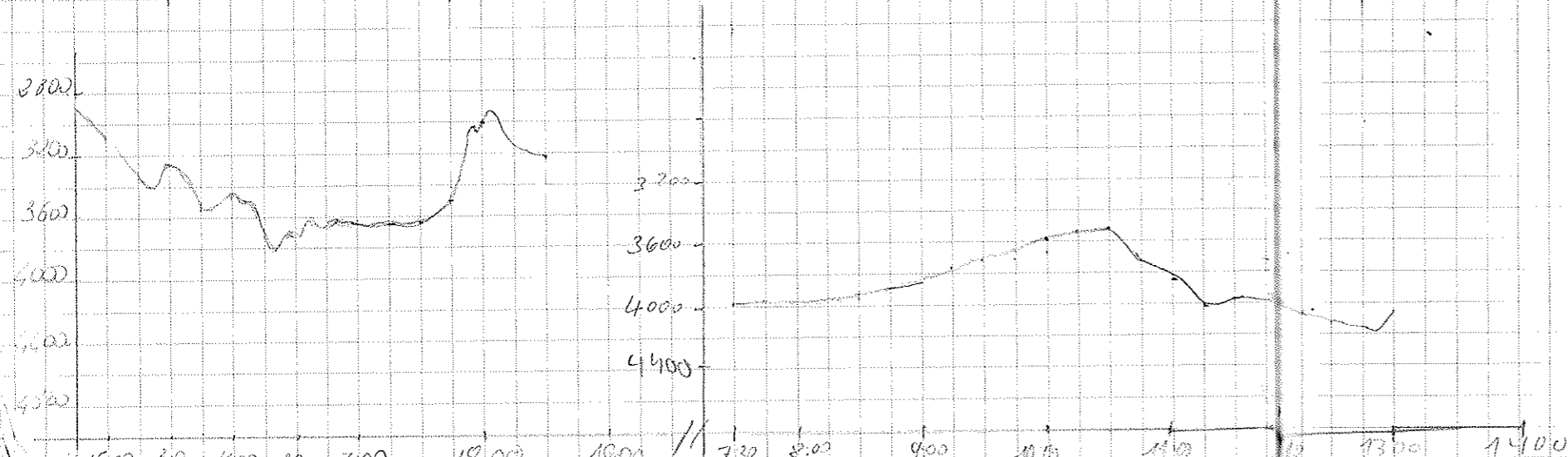
| Datum    | Zeit  | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe FS | Speed Km | Kurs [°] | Amplitude Max | Req | Pulse | Record | Wait time | Days Race | Toje, N | Wache | Bemerkungen                |
|----------|-------|-------------|------------|----------|----------|----------|----------|---------------|-----|-------|--------|-----------|-----------|---------|-------|----------------------------|
| 05.01.98 | 17:15 | 43°49.9     | 11°55.3    | 3308     | 3302     | 13.2     | 24       | 200           | 4   | 2     | 266    | 0         | 21        | 146     | Sören |                            |
|          | :30   | 46.92       | 53.38      | 3718     | 3722     | 13.1     | 25       | 500           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 44.1        | 51.5       | 3697     | 3754     | 13.1     | 20       | 600           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 18:00 | 41.1        | 49.9       | 4432     | 4136     | 12.5     | 20       | 1500          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 38.03       | 48.39      | 4114     | 4125     | 13       | 20       | 652           | "   | "     | "      | "         | "         | "       | "     | Denise                     |
|          | :30   | 35.02       | 46.90      | -        | 3831     | 12.9     | 19       | 417           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 32.08       | 45.32      | -        | 3616     | 12.8     | 21.4     | 1180          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 19:00 | 28.8        | 43.50      | 3227     | 3217     | 12.7     | 21.5     | 3000          | "   | "     | "      | "         | "         | 147     | "     | 19.22 Topwechsel 146 → 147 |
|          | :15   | 25.7        | 41.8       | 4080     | 4014     | 12.9     | 21.9     | 200           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :30   | 23.05       | 40.3       | 3963     | 3980     | 12.9     | 24       | 700           | "   | "     | "      | "         | "         | "       | "     | Bettina                    |
|          | :45   | 20.13       | 38.68      | 4168     | 4119     | 12.5     | 22       | 400           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 20:00 | 17.15       | 37.02      | 4015     | 4032     | 12       | 22       | 800           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 14.22       | 35.38      | 4023     | 4036     | 12.4     | 22       | 300           | "   | "     | "      | "         | "         | "       | "     | Haimerk                    |
|          | :30   | 11.28       | 33.74      | -        | 4037     | 11.7     | 22       | 1200          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 08.35       | 32.14      | 4174     | 4117     | 11.6     | 23       | 2000          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 21:00 | 05.38       | 30.45      | 3905     | 3837     | 11.7     | 22       | 200           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 02.21       | 28.74      | 3680     | 3718     | 13.0     | 22.4     | 340           | "   | "     | "      | "         | "         | "       | "     | Wahlethal                  |
|          | :30   | 42°59'41    | 27.13      | 3780     | 3780     | 12.9     | 22.0     | 1310          | "   | "     | "      | "         | "         | "       | "     | Wale                       |
|          | :45   | 56.51       | 25.52      | 3788     | 3750     | 12.4     | 21.1     | 854           | "   | "     | "      | "         | "         | "       | "     | H. Kohl                    |
|          | 22:00 | 53.60       | 23.85      | 3974     | 3985     | 12.3     | 23.6     | 1832          | "   | "     | "      | "         | "         | "       | "     | Klaus Kuntli               |
|          | :15   | 50.64       | 22.15      | 4130     | 4149     | 12.6     | 23.0     | 5575          | "   | "     | "      | "         | "         | "       | "     | Bono                       |
|          | :30   | 47.83       | 20.53      | 4172     | 4187     | 12.5     | 23.9     | 1278          | "   | "     | "      | "         | "         | "       | "     | Maryanthe Schreinemakers   |
|          | :45   | 40°44'8     | 19°18.9    | 4060     | 4082     | 12.7     | 19.9     | 400           | "   | "     | "      | "         | "         | "       | "     | Rudi Voller                |
|          | 23:00 | 42°41.9     | 17°19.4    | 3433     | 3571     | 12.6     | 19.8     | 400           | "   | "     | "      | "         | "         | "       | "     | Porter                     |
|          | :15   | 42°39.1     | 17°16.0    | 4061     | 4079     | 12.7     | 21.9     | 1100          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :30   | 42°36.5     | 17°14.5    | 5999     | 4013     | 12.5     | 22.8     | 200           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 42°33.4     | 17°12.7    | 4012     | 4082     | 12.3     | 23.2     | 1400          | "   | "     | "      | "         | "         | "       | "     |                            |
| 06/01/98 | 00:00 | 42°30.6     | 17°11.0    | 4014     | 4028     | 12.5     | 23.5     | 1000          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 42°27.6     | 17°09.3    | 4031     | 4047     | 12.3     | 21.4     | 1400          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :30   | 42°24.7     | 17°07.8    | 4077     | 4034     | 12.3     | 24       | 300           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 42°21.8     | 17°06.2    | 3922     | 3937     | 12.4     | 22       | 1400          | "   | "     | "      | "         | "         | 148     | "     | 0:40 TAPEWECHSEL 147 → 148 |
|          | 01:00 | 42°18.1     | 17°04.7    | 3787     | 3872     | 12.6     | 22       | 3200          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 42°16.1     | 17°03.1    | 3714     | 3715     | 12.8     | 23       | 1200          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :30   | 42°13.1     | 17°01.4    | 3536     | 3592     | 12.9     | 21       | 200           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 42°10.1     | 16°59.8    | 3600     | 3636     | 12.9     | 24       | 600           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 02:00 | 42°07.1     | 16°58.1    | 3736     | 3782     | 13.2     | 22       | 200           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 42°04.2     | 16°56.3    | 3755     | 3762     | 13.0     | 25       | 1900          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :30   | 42°01.6     | 16°54.2    | 3701     | 3777     | 12.7     | 24.5     | 1500          | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :45   | 41°58.6     | 16°52.8    | 3723     | 3807     | 12.7     | 22.4     | 300           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | 03:00 | 41°55.6     | 16°51.3    | 3805     | 3862     | 13.2     | 21.9     | 250           | "   | "     | "      | "         | "         | "       | "     |                            |
|          | :15   | 52.4        | 49.5       | 3926     | 3989     | 13.0     | 21       | 350           | "   | "     | "      | "         | "         | "       | "     | Ulrich                     |
|          | :30   | 49.4        | 48.0       | 3912     | 3909     | 12.9     | 21       | 200           | "   | "     | "      | "         | "         | "       | "     |                            |



| Datum    | Zeit  | Breite [°S] | Länge [°W] | Tiefe PS | Tiefe HU | Temp [°C] | Kurs [°] | Wind [km/h] | Wasser | Puls | Recep | Watt | DSO | Wache | Bemerkungen |  |
|----------|-------|-------------|------------|----------|----------|-----------|----------|-------------|--------|------|-------|------|-----|-------|-------------|--|
| 06.10.70 | 03:43 | 41° 46.9    | 10° 46.8   | 3883     | 3911     | 12.4      | 20       | 656         | 4      | 2    | 266   | 2    | 21  | 148   | Wach        | Bemerkungen<br>nicht viel zu sehen                 |
|          | 04:04 | 42.6        | 44.6       | 3936     | 3959     | 13.0      | 22       | 1100        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 15    | 40.6        | 43.6       | 3941     | 3991     | 12.7      | 22       | 256         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 37.4        | 41.9       | 3772     | 3768     | 13.0      | 23       | 600         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 43    | 35.1        | 40.1       | 3767     | 3728     | 13.1      | 23       | 350         | "      | "    | "     | "    | "   | "     | "           | PS-Tiefe unnormalerweise                           |
|          | 05:04 | 31.6        | 38.5       | 4003     | 4015     | 12.7      | 22       | 1500        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 15    | 28.8        | 37.0       | 3691     | 3721     | 13.5      | 23       | 650         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 25.7        | 35.3       | 3785     | 3727     | 13.8      | 22       | 350         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 48    | 21.9        | 33.1       | 3        | 3225     | 12.6      | 22       | 500         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 06:00 | 14.8        | 32.0       | 3837     | 3853     | 12.9      | 21       | 200         | "      | "    | "     | "    | "   | 149   | "           |  |
|          | 15    | 16.7        | 30.5       | 3683     | 3667     | 13.0      | 20       | 500         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 13.7        | 28.9       | 3971     | 3900     | 13.1      | 22       | 600         | "      | "    | "     | "    | "   | "     | "           | hierher kommt Pulshaken, geht                      |
|          | 45    | 10.7        | 27.3       | 3        | 3841     | 13.2      | 23       | 200         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 07:15 | 07.6        | 25.6       | 3318     | 3299     | 13.2      | 23       | 540         | "      | "    | "     | "    | "   | "     | "           | Comer  |
|          | 30    | 04.6        | 23.9       | 3711     | 3744     | 13.1      | 22       | 370         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 45    | 01.7        | 22.2       | 3835     | 3847     | 13.5      | 23       | 450         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 08:00 | 40 58.6     | 20.6       | 3748     | 3755     | 13.5      | 22       | 370         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 15    | 53.3        | 18.9       | 3585     | 3601     | 13.6      | 20       | 1000        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 52.1        | 17.3       | 3461     | 3421     | 13.7      | 21       | 370         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 45    | 49.0        | 15.5       | 3365     | 2328     | 13.6      | 24       | 1100        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 09:00 | 40 42.0     | 13.9       | 3337     | 3348     | 13.3      | 23       | 1300        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 15    | 40.1        | 12.2       | 3323     | 3330     | 13.2      | 23       | 945         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 37.3        | 10.7       | 3520     | 3510     | 13.5      | 25       | 1622        | "      | "    | "     | "    | "   | "     | "           | ET ≈ 10 m  |
|          | 45    | 34.3        | 9.1        | 3515     | 3525     | 13.9      | 20       | 750         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 10:00 | 34.4        | 7.7        | 3457     | 3070     | 10.4      | 23       | 1711        | "      | "    | "     | "    | "   | "     | "           | gutes Signal                                       |
|          | 15    | 31.7        | 6.2        | 3318     | 3329     | 10.3      | 26       | 1460        | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 29.7        | 4.6        | 3210     | 3224     | 10.0      | 57       | 809         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 45    | 28.2        | 1.9        | 3032     | 3045     | 10.3      | 58       | 743         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 11:00 | 26.8        | 9° 59.0    | 2547     | 2560     | 10.6      | 53       | 272         | "      | "    | "     | "    | "   | "     | "           | Indizes Relief beeinträchtigt die Güte des Signals |
|          | 15    | 25.2        | 56.1       | 816      | 832      | 9.5       | 58       | 260         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 24.3        | 54.1       | 311      | 349      | 7.6       | 58       | 2000        | "      | "    | "     | "    | "   | "     | "           | tiefe range stand hoch auf 500                     |
|          | 45    | 23.2        | 52.0       | (1000)   | 663      | 8.2       | 56       | 650         | "      | "    | "     | "    | "   | "     | "           | auf 1000 liegt aber auch nicht weiter              |
|          | 12:00 | 22.1        | 50.1       | (1100)   | 1375     | 4.6       | 33       | 500         | "      | "    | "     | "    | "   | 150   | "           | Tapewechsel 11:42                                  |
|          | 15    | 20.4        | 49.9       | -        | 1399     | 4.1       | 0.3      | 335         | "      | "    | "     | "    | "   | "     | "           | kein Signal  |
|          | 30    | 19.1        | 50.0       | 1287     | 1445     | 5.9       | 25.4     | 300         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 45    | 17.95       | 49.97      | 1642     | 1675     | 4.2       | 4.5      | 300         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 13:00 | 17.1        | 49.8       | 1815     | 1839     | 4.7       | 11.3     | 300         | "      | "    | "     | "    | "   | "     | "           | kein Signal von einem Signal                       |
|          | 15    | 16.7        | 49.7       | 1919     | 1940     | 1.7       | 11.3     | 300         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 30    | 16.3        | 48.6       | 1985     | 1957     | 2.1       | 11.4     | 300         | "      | "    | "     | "    | "   | "     | "           |  |
|          | 45    | 14.5        | 48.1       | 2607     | 2623     | 2.9       | 74.7     | 460         | "      | "    | "     | 60   | "   | "     | "           | vor Gough-Insel DSO 1:50000                        |
|          | 14:30 | 14.4        | 48.1       | 2753     | 2767     | 4.6       | 60       | 390         | "      | "    | "     | 0    | "   | "     | "           |  |
|          | 45    | 13.7        | 47.8       | 2326     | 2343     | 2.4       | 27       | 750         | "      | "    | "     | "    | "   | "     | "           |  |

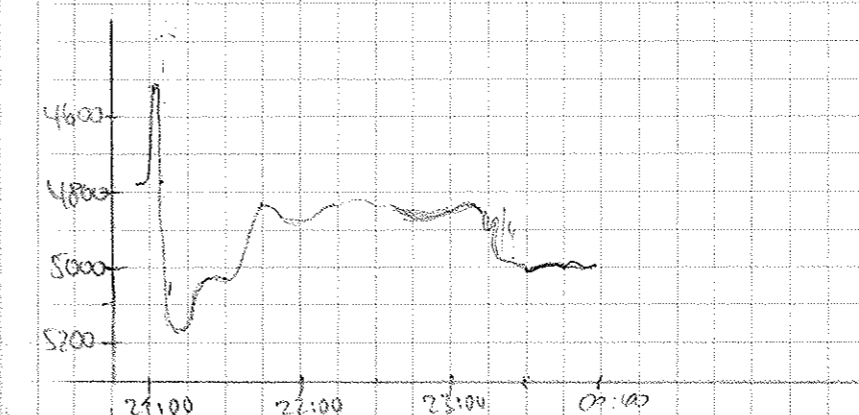
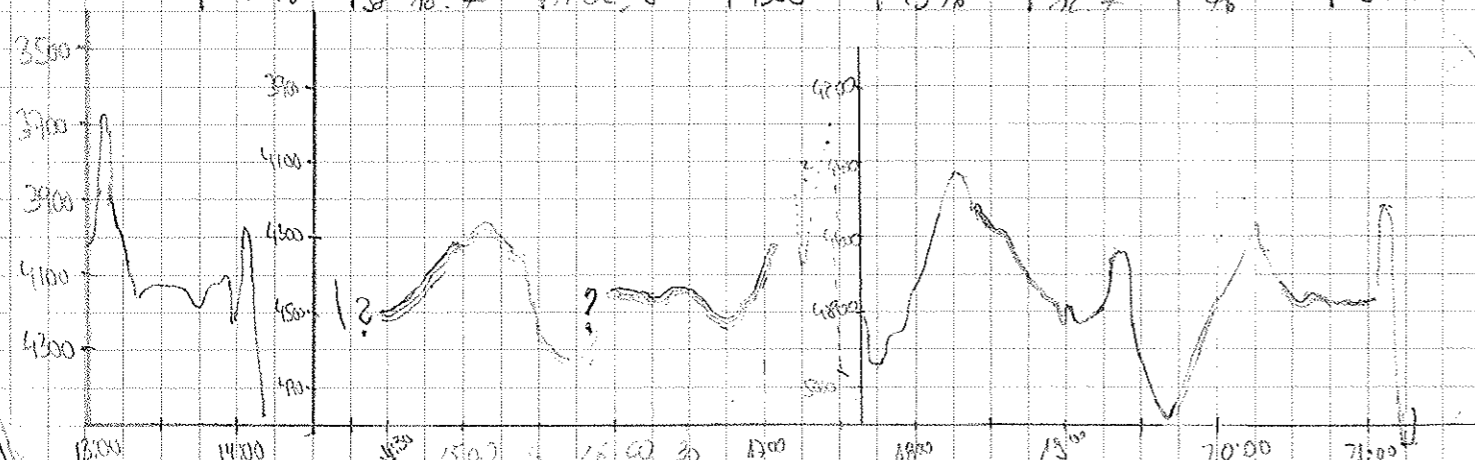


| Datum   | Zeit UTC | Breite L <sup>o</sup> S <sup>s</sup> | Länge L <sup>o</sup> W <sup>o</sup> | Tiefe TS | Tiefe HS | Speed [kn] | Kurs [°] | max. Amplitude [mV] | Receiv. Depth | Pulse | Record Length | Wair time | Deco | Tape | Wache   | Bemerkungen |                               |            |
|---------|----------|--------------------------------------|-------------------------------------|----------|----------|------------|----------|---------------------|---------------|-------|---------------|-----------|------|------|---------|-------------|-------------------------------|------------|
| 6/01/98 | 15:00    | 40°12,99'                            | 9°46,36'                            | 3117     | 3139     | 12,8       | 76       | 3000                | 4             | 2     | 265           | 0         | 21   | 150  | Barbara | ET < 10m    |                               |            |
|         | 15       | 12,13                                | 42,26                               | 3358     | 3388     | 13,8       | 74       | 1200                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 30       | 11,23                                | 38,27                               | -        | -        | 13,6       | 76       | 10000               | "             | "     | "             | "         | "    | "    | "       | "           | Keine HS Tiefe                |            |
|         | 45       | 10,52                                | 34,25                               | 3548     | 3568     | 13,4       | 74       | 3000                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 16:00    | 09,67                                | 30,18                               | 3433     | 3549     | 13,8       | 73       | 300                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 15       | 08,73                                | 26,25                               | 3692     | 3710     | 13,8       | 73       | 800                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 30       | 07,85                                | 22,26                               | 3686     | 3702     | 13,4       | 74       | 2000                | "             | "     | "             | "         | "    | "    | "       | "           | ET ~ 60m                      |            |
|         | 45       | 07,01                                | 18,35                               | 3645     | 3652     | 13,5       | 74       | 1200                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 17:00    | 06,17                                | 14,53                               | 3611     | 3624     | 13,4       | 74       | 2000                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 15       | 05,30                                | 10,91                               | 3602     | 3616     | 12,4       | 76       | 1550                | "             | "     | "             | "         | "    | "    | "       | "           | Dense                         |            |
|         | 30       | 04,55                                | 06,56                               | 3591     | 3603     | 12,8       | 75       | 2500                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 45       | 03,73                                | 02,50                               | 3484     | 3517     | 12,6       | 74       | 330                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 18:00    | 02,22                                | 8°58,88                             | -        | 3100     | 12,8       | 73       | 574                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 15       | 01,38                                | 54,51                               | 3167     | 3187     | 12,8       | 73       | 380                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 30       | 01,00                                | 50,51                               | 3210     | 3224     | 13,2       | 72       | 440                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
|         | 19:37    | 00,52                                | 48,52                               | -        | 3252     | 13,2       | 74       | 334                 | "             | "     | "             | "         | "    | "    | "       | "           | Aus Wg 200sm-Zone Gausli-Klud |            |
|         | 7/01/98  | 07:30                                | 39°15,9'                            | 05°22,5' | 3966     | -          | 12,4     | 76                  | 1600          | "     | "             | "         | "    | "    | "       | "           | "                             | angestellt |
|         |          | 45                                   | 15,1                                | 18,5     | 3977     | 3983       | 12,4     | 72                  | 1200          | "     | "             | "         | "    | "    | "       | "           | "                             |            |
| 8:00    |          | 14,8                                 | 14,8                                | 3968     | 3981     | 11,3       | 71       | 1700                | "             | "     | "             | "         | "    | 15A  | "       | "           | 7:50 Tape gewechselt 150-15A  |            |
| 15      |          | 13,1                                 | 11,1                                | 3971     | 3930     | 12,1       | 75       | 1600                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 30      |          | 12,3                                 | 7,4                                 | 3929     | 3929     | 12,1       | 75,1     | 7100                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 45      |          | 11,4                                 | 3,3                                 | 3876     | 3889     | 11,5       | 75       | 3700                | "             | "     | "             | "         | "    | "    | "       | "           | TORGE                         |            |
| 9:00    |          | 10,6                                 | 04°54,6'                            | 3765     | 3788     | 11,5       | 75       | 1300                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 15      |          | 9,8                                  | 55,7                                | 3687     | 3710     | 11,4       | 76       | 900                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 30      |          | 9,1                                  | 51,8                                | 3669     | 3705     | 11,7       | 75       | 550                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 45      |          | 8,2                                  | 47,6                                | 3635     | 3668     | 11,9       | 76       | 700                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 10:00   |          | 7,3                                  | 43,7                                | 3586     | 3604     | 12,9       | 71       | 1600                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 15      |          | 6,3                                  | 39,8                                | 3510     | 3567     | 12,9       | 75       | 1000                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 30      |          | 5,6                                  | 36,1                                | 3539     | 3552     | 13,0       | 76       | 600                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 45      |          | 4,7                                  | 32,2                                | 3767     | 3768     | 12,6       | 73       | 400                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 11:00   |          | 03,86                                | 28,14                               | 3818     | 3893     | 12,2       | 73       | 1350                | "             | "     | "             | "         | "    | "    | "       | "           | ja                            |            |
| 15      |          | 02,44                                | 24,10                               | 4008     | 4024     | 12,8       | 74       | 1500                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 30      |          | 02,20                                | 20,85                               | 3979     | 3949     | 12,8       | 74       | 491                 | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 45      |          | 01,29                                | 16,12                               | 3998     | 4013     | 11,8       | 73       | 1200                | "             | "     | "             | "         | "    | "    | "       | "           |                               |            |
| 12:00   | 00,53    | 12,47                                | 3632                                | 3700     | 12,0     | 77         | 751      | "                   | "             | "     | "             | "         | "    | "    | "       |             |                               |            |
| 15      | 38°59,74 | 09,16                                | 4025                                | 4049     | 11,6     | 77         | 309      | "                   | "             | "     | "             | "         | "    | "    | "       |             |                               |            |
| 30      | 59,04    | 05,79                                | 4166                                | 4182     | 11,6     | 77         | 432      | "                   | "             | "     | "             | "         | "    | "    | "       |             |                               |            |
| 45      | 58,34    | 02,17                                | 4191                                | 4213     | 11,3     | 76         | 995      | "                   | "             | "     | "             | "         | "    | "    | "       |             |                               |            |
| 13:00   | 57,      | 03°58,6'                             | 4032                                | 4052     | 12,2     | 71         | 400      | "                   | "             | "     | "             | "         | "    | "    | "       | Seen        |                               |            |

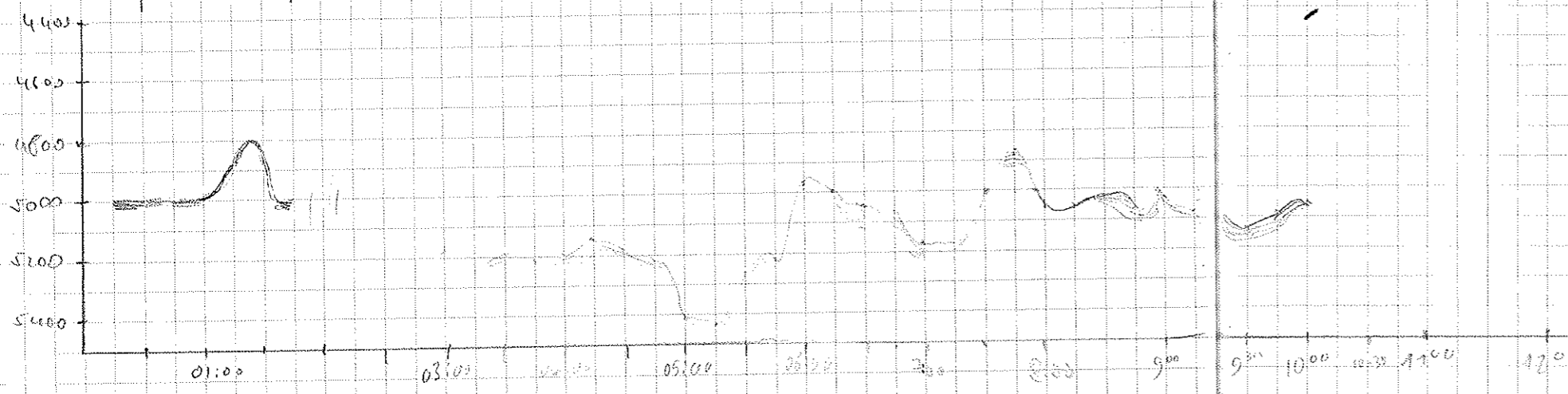




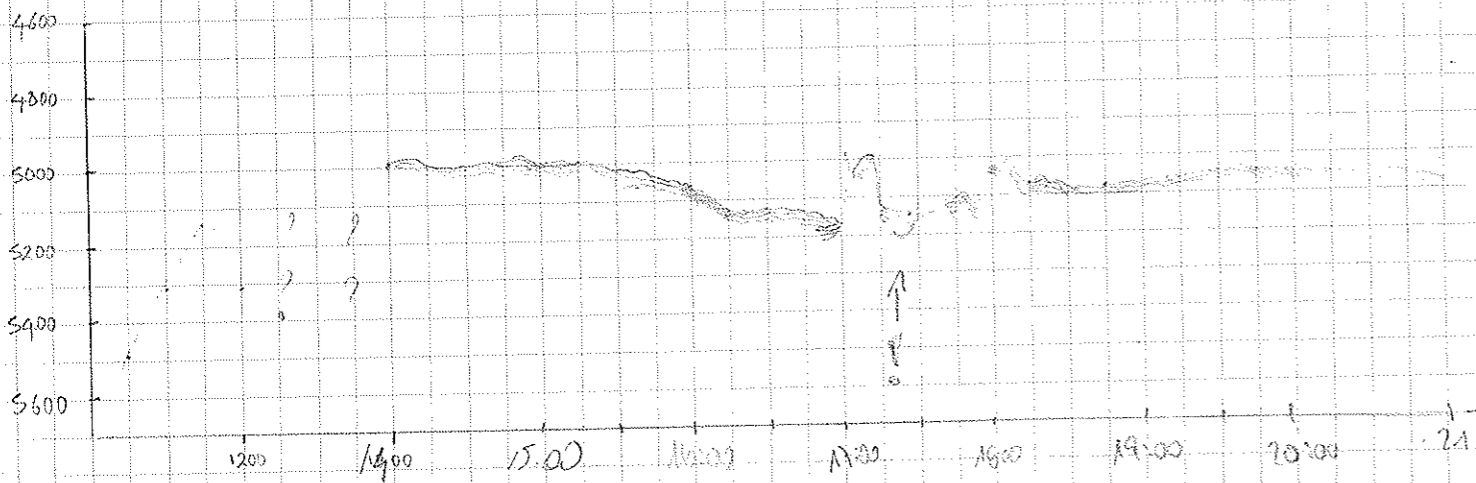
| Datum    | Zeit UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | SPEED [km/h] | KURS [°] | Max Amp [mV] | Log | Pulse | Record Length | Wait time | Deso | Tape | Wache   | Bemerkungen                             |
|----------|----------|-------------|------------|----------|----------|--------------|----------|--------------|-----|-------|---------------|-----------|------|------|---------|---|
| 7.01.98  | 13:15    | 38°56.4     | 03°54.9    | 3987     | 4001     | 11.9         | 74       | 600          | u   | 2     | 286           | 0         | 21   | 152  | Sven    | 13:05 TAPPEWECHSEL 151-152              |
|          | :30      | 55.7        | 51.3       | 4122     | 4136     | 11.2         | 78       | 900          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :45      | 55.1        | 47.6       | 4187     | 4195     | 12.0         | 74       | 400          | "   | "     | "             | "         | "    | "    | "       | PS of 1 fahle Tiefe !!                  |
|          | 14:00    | 54.3        | 43.8       | -        | 4111     | 12.1         | 75       | 400          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :15      | 53.4        | 40.0       | -        | 4591     | 11.9         | 75       | 1000         | "   | "     | "             | "         | "    | "    | "       | 14:27 P/OFF → ON                        |
|          | :30      | 52.5        | 36.1       | 4503     | 4520     | 12.6         | 74       | 800          | "   | "     | "             | "         | "    | "    | "       | PSOK ET ~ 40m                           |
|          | :45      | 51.6        | 32.3       | 4404     | 4430     | 12.3         | 74       | 1000         | "   | "     | "             | "         | "    | "    | "       |   |
|          | 15:00    | 50.48       | 28.45      | 4364     | 4373     | 12.1         | 75.1     | 800          | "   | "     | "             | "         | "    | "    | Barbara | ↳ Regina sei Dank!                      |
|          | :15      | 49.97       | 24.62      | 3367     | 4294     | 12.3         | 73.9     | 300          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 49.19       | 22.95      | 3253     | 4578     | 12.5         | 77.0     | 600          | "   | "     | "             | "         | "    | "    | "       |   |
|          | 15:58    |             |            |          |          |              |          |              | "   | "     | "             | "         | "    | "    | "       |   |
|          | 16:15    | 46.26       | 09.03      | 4445     | 4464     | 12.8         | 71.3     | 600          | "   | "     | "             | "         | "    | 153  | Ulrich? | PARADILIA - Neusdamm                    |
|          | :30      | 45.38       | 05.30      | 4459     | 4498     | 13.3         | 77.56    | 200          | "   | "     | "             | "         | "    | "    | Barbara | (Küster seit 15:39 Uhr Papst ausl. P/S) |
|          | 16:45    | 44.48       | 01.24      | 4511     | 4531     | 12.6         | 74.6     | 300          | "   | "     | "             | "         | "    | "    | Ulrich  | 16:00 Tape wechseln                     |
|          | 17:00    | 43.61       | 02°57.27   | 4365     | 4383     | 12.8         | 74.4     | 1100         | "   | "     | "             | "         | "    | "    | "       | ET ~ 30                                 |
|          | :15      | 42.85       | 53.27      | -        | 4373     | 12.7         | 78.1     | 350          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 42.12       | 49.34      | 4677     | 4684     | 13.0         | 73.0     | 450          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :45      | 41.19       | 45.29      | 4856     | 4861     | 12.8         | 74.2     | 700          | "   | "     | "             | "         | "    | "    | "       |   |
|          | 18:00    | 40.28       | 41.31      | 4756     | 477      | 12.8         | 73.3     | 400          | "   | "     | "             | "         | "    | "    | "       | 18:02 DESOROLLENWECHSEL                 |
|          | :15      | 39.44       | 37.45      | 4435     | 4450     | 12.1         | 74.4     | 500          | "   | "     | "             | "         | 22   | "    | "       |   |
|          | :30      | 38.61       | 33.57      | 4579     | 4588     | 13.1         | 75.3     | 600          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :45      | 37.81       | 29.47      | 4706     | 4723     | 13.3         | 75.6     | 1000         | "   | "     | "             | "         | "    | "    | "       | bi max 20m ET                           |
|          | 19:00    | 36.9        | 25.4       | 4816     | 4835     | 12.9         | 74       | 400          | "   | "     | "             | "         | "    | "    | Sven    | ET < 10m                                |
|          | :15      | 35.9        | 21.4       | 4796     | 4817     | 13.3         | 71       | 600          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 34.9        | 17.4       | -        | 4920     | 13.0         | 72       | 400          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :45      | 34.1        | 13.5       | 5048     | 5069     | 13.0         | 76       | 800          | "   | "     | "             | "         | "    | "    | "       |   |
|          | 20:00    | 33.3        | 9.5        | -        | 4829     | 13.0         | 75       | 800          | "   | "     | "             | "         | "    | "    | Matja   |   |
|          | :15      | 32.6        | 5.5        | 4426     | 4580     | 13.2         | 77       | 500          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 38°31.72    | 02°01.35   | 4779     | 4800     | 12.1         | 74       | 700          | "   | "     | "             | "         | "    | "    | Estina  | ET ~ 15m                                |
|          | :45      | 30.86       | 1°57.70    | 4787     | 4800     | 12.5         | 72       | 600          | "   | "     | "             | "         | "    | "    | "       |   |
|          | 21:00    | 30.03       | 54.28      | 4739     | 4855     | 12.3         | 73       | 1000         | "   | "     | "             | "         | "    | "    | "       | Tapewechsel 153 → 154                   |
|          | :15      | 29.04       | 50.03      | 5147     | 5147     | 12.7         | 74       | 500          | "   | "     | "             | "         | "    | 154  | "       | kein Signal, zu stark                   |
|          | :30      | 28.07       | 45.93      | 5056     | 5078     | 12.8         | 74       | 500          | "   | "     | "             | "         | "    | "    | "       | ET ~ 5m                                 |
|          | :45      | 27.23       | 42.27      | 4829     | 4840     | 12.8         | 75       | 600          | "   | "     | "             | "         | "    | "    | "       | Rückenstruktur?!                        |
|          | 22:00    | 26.37       | 38.26      | 4881     | 4903     | 12.5         | 74       | 500          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :15      | 25.53       | 34.40      | 4837     | 4872     | 12.7         | 74       | 500          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 24.57       | 29.8       | 4982     | 5012     | 12.7         | 74       | 300          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :45      | 38°22.7     | 1°26.9     | 4946     | 4968     | 13.1         | 77       | 1000         | "   | "     | "             | "         | "    | "    | Portwan |   |
|          | 23:00    | 38°22.8     | 1°22.8     | 4867     | 4886     | 12.7         | 74       | 700          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :15      | 38°22.0     | 1°18.8     | 4838     | 4858     | 12.7         | 76       | 500          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :30      | 38°21.2     | 1°14.3     | 4944     | 4960     | 12.8         | 74       | 500          | "   | "     | "             | "         | "    | "    | "       | Janne alle voranoch!                    |
|          | :45      | 38°20.3     | 1°10.7     | 5005     | 5024     | 13.4         | 75       | 1500         | "   | "     | "             | "         | "    | "    | "       |   |
| 08/01/98 | 00:00    | 38°10.5     | 1°06.5     | 5006     | 5030     | 12.4         | 75       | 700          | "   | "     | "             | "         | "    | "    | "       |   |
|          | :15      | 38°18.7     | 1°02.8     | 4958     | 4976     | 12.7         | 76       | 800          | "   | "     | "             | "         | "    | "    | "       |   |



| DATE     | ZEIT UTC | BREITE [°S] | LÄNGE [°W] | TIEFE PS | TIEFE HS | SPEED [KNOTS] | KURS [°] | MAX. WIND [km/h] | REQ | PC/15 | RECORDS LENGTH | WIND TIME | DEFO NR | TABE NR | WACHE    | BEMERKUNGEN                       |
|----------|----------|-------------|------------|----------|----------|---------------|----------|------------------|-----|-------|----------------|-----------|---------|---------|----------|-----------------------------------|
| 08/01/98 | 00:30    | 38° 17.3    | 0° 59.1    | 5013     | 5043     | 13.3          | 76       | 500              | 4   | 2     | 200            | 0         | 22      | 154     | Porticum |                                   |
|          | 00:45    | 38° 16.9    | 0° 55.2    | 5006     | 5018     | 12.9          | 72       | 500              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 01:00    | 38° 15.9    | 0° 51.2    | 4999     | 5013     | 11.9          | 72       | 600              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 01:15    | 38° 14.9    | 0° 47.0    | 4981     | 4905     | 12.9          | 75       | 700              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 01:30    | 38° 14.0    | 0° 42.8    | 4942     | 4879     | 13.3          | 75       | 1000             | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 01:45    | 38° 13.2    | 0° 38.9    | 5012     | 5038     | 12.9          | 77       | 650              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 02:00    | 38° 12.5    | 0° 35.2    | 5193     | 5193     | 13.2          | 92       | 500              | "   | "     | "              | "         | "       | "       | "        | ONIST TABELLE L152 154 → 155      |
|          | 02:15    | 38° 11.4    | 0° 30.9    | 5242     | 5267     | 12.2          | 71.1     | 500              | "   | "     | "              | "         | "       | "       | "        | kein Signal                       |
|          | 02:30    | 38° 10.4    | 0° 26.7    | 5198     | 5231     | 13.4          | 72.4     | 323              | "   | "     | "              | "         | "       | "       | "        | ble                               |
|          | 02:45    | 09.5        | 23.2       | -        | 5059     | 13.5          | 73       | -                | "   | "     | "              | "         | "       | "       | "        | Unklar                            |
|          | 03:00    | 08.5        | 18.8       | 4623     | 4669     | 13.3          | 74       | -                | "   | "     | "              | "         | "       | "       | "        | Unklar                            |
|          | 03:15    | 07.5        | 14.9       | -        | 5119     | 13.7          | 75       | 250              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 03:30    | 06.4        | 10.8       | 5194     | 5226     | 13.1          | 74       | 450              | "   | "     | "              | "         | "       | "       | "        | Windy 'normal' / 15 = T = 75m     |
|          | 03:45    | 05.4        | 06.1       | 5202     | 5222     | 13.1          | 75       | 500              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 04:02    | 04.5        | 02.0       | 5196     | 5183     | 13.3          | 75       | 350              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 04:15    | 03.7        | 01.2 E     | 5162     | 5183     | 13.7          | 74       | 500              | "   | "     | "              | "         | "       | "       | "        | Ab hier Länge "E"!                |
|          | 04:28    | 03.0        | 04.8       | 5187     | 5216     | 13.2          | 74       | 700              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 04:45    | 02.0        | 09.8       | 5205     | 5238     | 13.6          | 75       | 600              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 05:07    | 00.7        | 15.2       | 5410     | 5441     | 13.1          | 76       | 300              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 05:11    | 00.5        | 17.7       | 5437     | 5464     | 13.1          | 75       | 700              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 05:30    | 37° 59.4    | 0° 21.9    | 5270     | 5296     | 13.2          | 74       | 600              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 05:48    | 58.3        | 26.7       | 5211     | 5239     | 13.2          | 72       | 1000             | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 06:00    | 57.6        | 29.7       | 4981     | 5009     | 12.9          | 75       | 700              | "   | "     | "              | "         | "       | "       | "        | PS-Muster, 1                      |
|          | 06:15    | 56.7        | 33.7       | (4182)   | 4996     | 13.1          | 74       | 600              | "   | "     | "              | "         | "       | "       | Ande     | mod falsche PS-Tiefe, RPP ab 6.14 |
|          | 06:30    | 55.9        | 37.6       | 5017     | 5050     | 13.1          | 75       | 500              | "   | "     | "              | "         | "       | "       | "        | ET 80m                            |
|          | 06:45    | 55.0        | 41.8       | 5048     | 5075     | 13.3          | 74       | 300              | "   | "     | "              | "         | "       | 156     | "        | ET 50m, topographical 615?        |
|          | 07:00    | 54.2        | 45.6       | (4579)   | 5179     | 13.1          | 75       | 400              | "   | "     | "              | "         | "       | "       | "        | falsche PS-Tiefe 6:53 bis 7:17    |
|          | 07:15    | 53.4        | 49.6       | -        | 5268     | 13.1          | 76       | 400              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 07:30    | 52.5        | 53.7       | 5001     | 4999     | 12.8          | 76       | 333              | "   | "     | "              | "         | "       | "       | "        | falsche PS-T., ET 175m            |
|          | 07:45    | 51.7        | 57.6       | -        | 4895     | 13.0          | 75       | 1000             | "   | "     | "              | "         | "       | "       | "        | (bis 7:46)                        |
|          | 08:00    | 50.8        | 01.5       | (4155)   | 5069     | 12.4          | 75       | 600              | "   | "     | "              | "         | "       | "       | "        | 2.5 80m                           |
|          | 08:15    | 49.9        | 5.1        | 5045     | 5067     | 12.5          | 73       | 815              | "   | "     | "              | "         | "       | "       | E. L. d. | ET ≈ 10m PS-Tiefe, wieder okay    |
|          | 08:30    | 49.0        | 9.3        | 5017     | 5046     | 13.3          | 74       | 721              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 08:45    | 48.1        | 13.1       | 5059     | 5088     | 13.2          | 76       | 496              | "   | "     | "              | "         | "       | "       | "        | ET ≈ 70m                          |
|          | 09:00    | 47.3        | 17.2       | 5021     | 5040     | 13.1          | 74       | 570              | "   | "     | "              | "         | "       | "       | "        | Der Zigarette Jack!               |
|          | 09:15    | 46.5        | 21.2       | 5071     | 5149     | 12.8          | 74       | 609              | "   | "     | "              | "         | "       | "       | E. L. d. | PS-Tiefe, keine jetzt falsch      |
|          | 09:30    | 45.6        | 25.1       | 5233     | 5162     | 13.2          | 71       | 761              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 09:45    | 44.6        | 29.0       | 5182     | 5213     | 13.0          | 76       | 512              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 10:00    | 43.8        | 32.8       | 5197     | 5193     | 12.9          | 76       | 794              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 10:15    | 42.9        | 36.9       | 5149     | 5177     | 13.0          | 74       | 378              | "   | "     | "              | "         | "       | "       | "        | Keine                             |
|          | 10:30    | 42.0        | 40.9       | 5257     | 5278     | 12.9          | 76       | 612              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 10:45    | 41.2        | 44.7       | 5281     | 5305     | 13.0          | 73       | 315              | "   | "     | "              | "         | "       | "       | "        | "                                 |
|          | 11:00    | 40.3        | 48.6       | 5293     | 5451     | 13.0          | 75       | 338              | "   | "     | "              | "         | "       | "       | "        | "                                 |

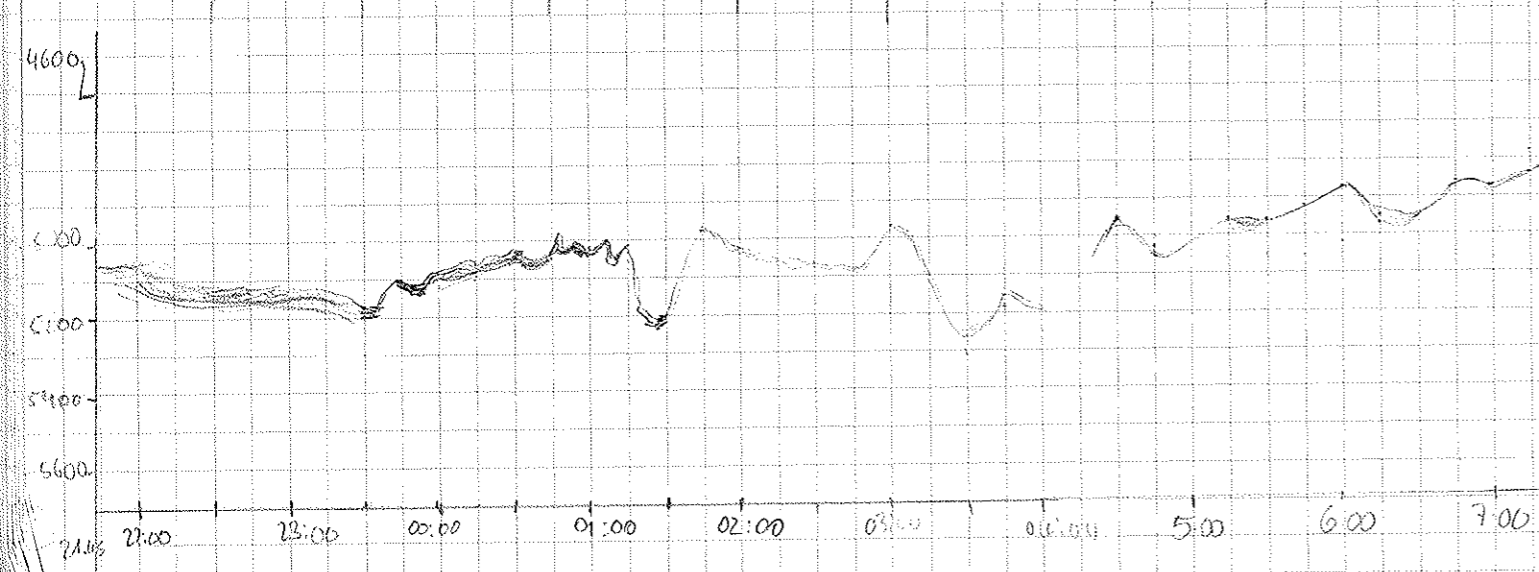


| Datum    | Zeit UTC | Geogr. Breite<br>[° S] | Geogr. Länge<br>[° E] | Tiefe<br>PS [m] | Tiefe<br>HS [m] | Seeschw.<br>[Knt] | Kurs<br>[°] | max. Amplitude<br>[mV] | Freq. | Pulse | Record Length | Wait Time | Deso. Nr. | Tape Nr. | Nache   | Bemerkung                    |
|----------|----------|------------------------|-----------------------|-----------------|-----------------|-------------------|-------------|------------------------|-------|-------|---------------|-----------|-----------|----------|---------|------------------------------|
| 08/01/78 | 11:15    | 37° 39.4               | 152.5                 | 5496            | 5519            | 13.1              | 75          | 603                    | 4     | 2     | 206           | 0         | 22        | 156      | Teal    |                              |
|          | :30      | 38.5                   | 56.5                  | 5306            | 5294            | 13.1              | 75          | 617                    | "     | "     | "             | "         | "         | "        | "       | 11:39 TAPE WECHSEL 156 → 157 |
|          | :45      | 37.7                   | 2° 00.2               | 5140            | 5162            | 12.8              | 75          | 518                    | "     | "     | "             | "         | "         | 157      | "       |                              |
|          | 12:00    | 36.8                   | 04.3                  | 5310            | 5343            | 12.9              | 76          | 630                    | "     | "     | "             | "         | "         | "        | Susanne |                              |
|          | :15      | 39.9                   | 08.3                  | 5228            | 5313            | 13                | 73          | 968                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :30      | 35.01                  | 12.2                  | 5273            | 5297            | 12.7              | 74          | 701                    | "     | "     | "             | "         | "         | "        | "       | 15-Tiefe systematisch zuflut |
|          | :45      | 34.1                   | 16.2                  | -               | 4941            | 13                | 73          | 630                    | "     | "     | "             | "         | "         | "        | "       | 15:08 15-Kaustort, Mikromak  |
|          | 13:00    | 33.2                   | 20.1                  | -               | 4870            | 12.7              | 74          | 471                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 32.3                   | 23.8                  | 4916            | 4942            | 12.9              | 73          | 611                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :30      | 31.4                   | 27.6                  | 4932            | 4953            | 12.6              | 77          | 491                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :45      | 30.7                   | 31.5                  | -               | 5051            | 12.3              | 77.4        | 603                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 14:00    | 30.3                   | 33.7                  | -               | 5097            | 12.7              | 71          | 600                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 14:30    | 27.02                  | 42.69                 | 5069            | 5061            | 12.6              | 75          | 300                    | "     | "     | "             | "         | "         | "        | Becker  | ET ~ 80 m                    |
|          | :45      | 27.07                  | 46.61                 | 5055            | 5083            | 12.2              | 77          | 400                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 15:00    | 26.40                  | 50.32                 | 506.9           | 5098            | 12.3              | 76.1        | 300                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 25.67                  | 54.29                 | 506.1           | 5086            | 12.8              | 77.4        | 800                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :30      | 24.98                  | 58.13                 | 5033            | 5076            | 12.3              | 77.8        | 300                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :45      | 24.15                  | 3° 01.87              | 5076            | 5109            | 12.6              | 76.6        | 300                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 16:00    | 23.26                  | 05.66                 | 5085            | 5114            | 12.6              | 75.6        | 300                    | "     | "     | "             | "         | "         | "        | Ulrich  | ET ~ 70 m                    |
|          | :15      | 22.33                  | 09.43                 | 5135            | 5166            | 12.5              | 73.7        | 500                    | "     | "     | "             | "         | "         | "        | "       | 16:25 on No. 158             |
|          | :30      | 21.37                  | 13.26                 | 5127            | 5156            | 12.7              | 72.0        | 300                    | "     | "     | "             | "         | "         | 158      | "       | ET ~ 80 m                    |
|          | :45      | 20.34                  | 17.25                 | 5135            | 5163            | 12.6              | 72.2        | 600                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 17:00    | 19.40                  | 21.08                 | 5177            | -               | 13.0              | 73.1        | 240                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 18.48                  | 24.32                 | -               | 5146            | 12.8              | 72.8        | 250                    | "     | "     | "             | "         | "         | "        | "       | ET ~ 60 m                    |
|          | :30      | 17.53                  | 28.22                 | 5134            | 5166            | 13.0              | 74.1        | 300                    | "     | "     | "             | "         | "         | "        | "       | ET ~ 80 m                    |
|          | :45      | 16.68                  | 32.38                 | 5104            | 5129            | 12.8              | 74.7        | 600                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 18:00    | 15.82                  | 36.44                 | 5035            | 5070            | 12.5              | 74.5        | 300                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 15.02                  | 40.44                 | 5052            | 5083            | 12.5              | 75          | 541                    | "     | "     | "             | "         | "         | "        | Beckie  |                              |
|          | :30      | 14.17                  | 44.42                 | 5070            | 5097            | 13                | 75          | 600                    | "     | "     | "             | "         | "         | "        | "       | ET ~ 70 m                    |
|          | :45      | 13.28                  | 48.34                 | 5076            | 5101            | 13.1              | 76          | 300                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 19:00    | 12.41                  | 52.23                 | 5070            | 5093            | 13.4              | 73          | 400                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 11.47                  | 56.29                 | 5061            | 5091            | 13.6              | 75          | 400                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :30      | 10.60                  | 4° 00.91              | 5043            | 5072            | 13.2              | 74          | 500                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :45      | 09.70                  | 04.87                 | 5034            | 5063            | 12.7              | 75          | 400                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 20:00    | 08.82                  | 08.76                 | 5034            | 5062            | 12.2              | 74          | 500                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :15      | 07.91                  | 12.66                 | 5047            | 5076            | 13.7              | 74          | 500                    | "     | "     | "             | "         | "         | "        | Katja   |                              |
|          | :30      | 07.0                   | 16.6                  | 5049            | 5083            | 12.9              | 75          | 500                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :45      | 06.1                   | 20.5                  | 5056            | 5085            | 12.3              | 76          | 500                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | 21:00    | 05.2                   | 24.4                  | 5080            | 5105            | 13.0              | 73          | 800                    | "     | "     | "             | "         | "         | 158      | "       | 21.04 Tapewechsel            |
|          | :15      | 04.4                   | 28.1                  | 5069            | 5095            | 13.1              | 73          | 500                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :30      | 03.4                   | 32.0                  | 4992            | 5024            | 12.8              | 73          | 400                    | "     | "     | "             | "         | "         | "        | "       |                              |
|          | :45      | 02.6                   | 35.9                  | 5059            | 5086            | 12.5              | 76          | 600                    | "     | "     | "             | "         | "         | "        | "       |                              |

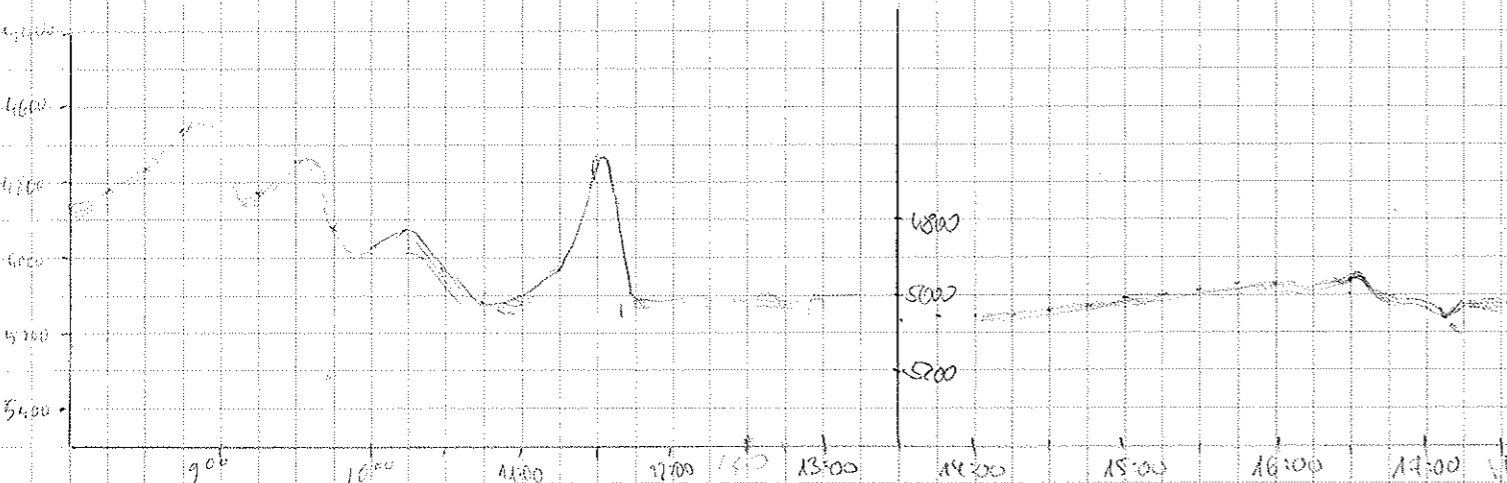


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①  
③

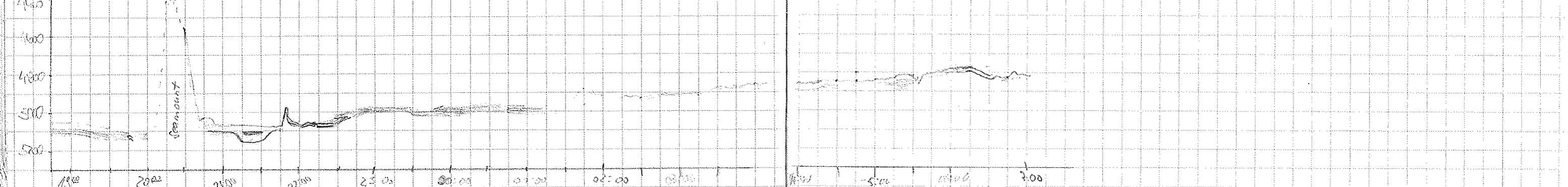
| Datum  | Zeit (UTC) | geogr. Brei-<br>te [°N] | geogr. Läng-<br>e [°E] | Tide [m] | Tide [m] | Wieder-<br>holung [m] | Kurs<br>[°] | max. Amplitude | Frequenz | Pulse | Record<br>Length | Wait<br>Time | Desc<br>No | Tape<br>No | Wache    | Bemerkungen  |   |
|--------|------------|-------------------------|------------------------|----------|----------|-----------------------|-------------|----------------|----------|-------|------------------|--------------|------------|------------|----------|--|---|
| 8/1/98 | 22:00      | 37°01.7                 | 40°39.9                | 5065     | 5096     | 13.4                  | 75          | 600            | 4        | 2     | 200              | 0            | 22         | 158        | Kaja     |  |   |
|        | :15        | 37°00.8                 | 40°43.9                | 5114     | down     | 13.2                  | 73          | 600            | "        | "     | "                | "            | "          | "          | Portmann |  |   |
|        | :30        | 36°59.9                 | 40°47.8                | 5116     | "        | 13.3                  | 74          | 500            | "        | 6     | "                | "            | "          | "          | "        | ET ~ 100m  |   |
|        | :45        | 36°59.1                 | 40°51.8                | 5106     | 5132     | 13.3                  | 75          | 400            | "        | "     | "                | "            | "          | "          | "        | "  |   |
|        | 23:00      | 36°58.2                 | 40°55.7                | 5085     | 5127     | 13.5                  | 74          | 500            | "        | 1     | "                | "            | "          | "          | "        | "  |   |
|        | :15        | 36°57.2                 | 40°59.8                | 5110     | 5153     | 13.9                  | 73          | 500            | "        | 1     | "                | "            | "          | "          | "        | "  |   |
|        | :30        | 36°56.3                 | 5°03.5                 | 5136     | 5162     | 13.5                  | 73          | 300            | "        | "     | "                | "            | "          | "          | "        | "  |   |
|        | :45        | 36°55.4                 | 5°07.1                 | 5095     | 5119     | 13.2                  | 74          | 100            | "        | "     | "                | "            | "          | "          | "        | "  |   |
|        | 05/09/98   | 00:00                   | 36°54.6                | 5°11.5   | 5091     | 5112                  | 13.4        | 74             | 300      | "     | 1                | "            | "          | "          | "        | "  | " |
|        |            | :15                     | 36°53.6                | 5°15.7   | 5090     | 5076                  | 13.4        | 73             | 300      | "     | "                | "            | "          | "          | "        | "  | " |
| :30    |            | 36°52.7                 | 5°19.7                 | 5019     | 5040     | 13.1                  | 76          | 700            | "        | 2     | "                | "            | "          | "          | "        | ET ~ 50m   |   |
| :45    |            | 36°51.9                 | 5°23.7                 | 5059     | 5054     | 13.4                  | 75          | 600            | "        | 5     | "                | "            | "          | "          | "        | "  |   |
| 01:00  |            | 36°51.0                 | 5°27.5                 | 4483     | 5031     | 13.5                  | 73          | 300            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| :15    |            | 36°50.0                 | 5°31.8                 | 5108     | 5138     | 12.8                  | 73          | 200            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| :30    |            | 36°49.1                 | 5°35.5                 | 5232     | 5262     | 13.1                  | 75          | 350            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| :45    |            | 36°48.3                 | 5°39.5                 | 4970     | 5005     | 12.7                  | 76          | 460            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| 02:00  |            | 36°47.4                 | 5°43.5                 | 5024     | 5047     | 13.3                  | 72          | 300            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| :15    |            | 46.5                    | 47.1                   | -        | 5288     | 13.0                  | 74          | 400            | "        | "     | "                | "            | "          | "          | "        | "  |   |
| :30    | 45.6       | 51.2                    | 5060                   | 5083     | 13.1     | 75                    | 650         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :45    | 44.8       | 55.1                    | 5073                   | 5106     | 13.2     | 74                    | 450         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| 02:48  | 44.2       | 58.2                    | 4975                   | 4990     | 13.2     | 75                    | 600         | "              | "        | "     | "                | "            | "          | "          | "        | vielleicht schlechtes Signal                         |   |
| 03:15  | 43.1       | 06°03.0                 | 4                      | 5121     | 12.5     | 74                    | 250         | "              | "        | "     | "                | "            | "          | "          | "        | PS-Tiefe immer mal                                   |   |
| :30    | 42.3       | 06.4                    | 5                      | 5305     | 12.8     | 74                    | 200         | "              | "        | "     | "                | "            | "          | "          | "        | faul   |   |
| :45    | 41.4       | 10.3                    | 5164                   | 5181     | 12.5     | 74                    | 200         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| 04:00  | 40.4       | 14.3                    | 5195                   | 5203     | 12.7     | 72                    | 350         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :15    | 39.5       | 17.4                    | -                      | 5366     | 12.4     | 72                    | 300         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :30    | 38.2       | 23.2                    | 4940                   | 4963     | 12.7     | 74                    | 300         | "              | "        | "     | "                | "            | "          | "          | "        | Wichtig! kein selb. NIBIS!                           |   |
| :45    | 37.7       | 25.6                    | 5050                   | 5068     | 12.7     | 76                    | 250         | "              | "        | "     | "                | "            | "          | "          | "        | was WARUM? ist es nicht<br>mit 50 Schweizer Franken! |   |
| 05:00  | 36.9       | 29.2                    | -                      | 5294     | 12.6     | 76                    | 600         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :15    | 36.1       | 33.2                    | -                      | 5117     | 12.8     | 76                    | 300         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :30    | 35.2       | 37.5                    | 4943                   | 4960     | 13.3     | 73                    | 500         | "              | "        | "     | "                | "            | "          | "          | "        | 46 km Depth Range 5000m,<br>Tide 0.6                 |   |
| :45    | 34.4       | 40.6                    | 4956                   | 4975     | 13.1     | 73                    | 500         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| 06:00  | 33.42      | 44.88                   | 4918                   | 4942     | 13.3     | 74                    | 771         | "              | "        | "     | "                | "            | "          | "          | Denise   |  |   |
| :15    | 32.55      | 48.59                   | 4878                   | 4902     | 12.7     | 72                    | 606         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :30    | 31.72      | 52.41                   | 4854                   | 4976     | 13       | 75                    | 508         | "              | "        | "     | "                | "            | "          | "          | "        | Tapewechsel 160 -> 161 6:40                          |   |
| :45    | 30.85      | 56.33                   | 4949                   | 4965     | 12.8     | 72                    | 628         | "              | "        | "     | "                | "            | "          | 161        | "        | ET rechtweilig > 60m                                 |   |
| 7:00   | 29.93      | 7°00.15                 | 4859                   | 4874     | 12.6     | 73                    | 457         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :15    | 28.99      | 08.94                   | 4824                   | 4838     | 12.9     | 72                    | 957         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :30    | 28.00      | 07.07                   | 4767                   | 4787     | 12.7     | 72                    | 735         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| :45    | 27.11      | 11.46                   | 4857                   | 4863     | 12.8     | 73                    | 1181        | "              | "        | "     | "                | "            | "          | "          | "        |  |   |
| 8:00   | 26.26      | 15.31                   | 4868                   | 4885     | 13.2     | 75                    | 439         | "              | "        | "     | "                | "            | "          | "          | "        |  |   |



| Datum    | Zeit UTC | Breite [°S] | länge [°E] | Tiefe PS [m] | Tiefe NS [m] | Qschwa [Cm] | Kurs [°] | max. Ampl. [mV] | Tiequ. | Rulle | Dec. length | Wait time | Deck No | Tape No | Wache    | Bemerkungen                               |
|----------|----------|-------------|------------|--------------|--------------|-------------|----------|-----------------|--------|-------|-------------|-----------|---------|---------|----------|---|
| 9. 1. 98 | 8:15     | 36° 25,4    | 7° 19,2    | 4816         | 4842         | 12,9        | 75       | 485             | 4      | 2     | 200         | 0         | 22      | 161     | E. K. 01 |   |
|          | 8:30     | 24,6        | 23,2       | 4766         | 4782         | 12,6        | 73       | 904             | "      | "     | "           | "         | "       | "       | "        | ET ~ 50m                                  |
|          | 8:45     | 23,7        | 27,0       | 4665         | 4688         | 13,2        | 72       | 781             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 9:00     | 23,0        | 30,9       | 4252*        | 4841         | 13,8        | 74       | 449             | "      | "     | "           | "         | "       | "       | "        | * PS - Tiefe verändert, ist falsch        |
|          | 9:15     | 22,2        | 34,7       | 4821         | 4831         | 13,3        | 75       | 191             | "      | "     | "           | "         | "       | "       | "        | * PS - Tiefe schon wieder falsch ... okay |
|          | 9:30     | 21,4        | 38,6       | 4744         | 4765         | 12,7        | 73       | 510             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 9:45     | 20,4        | 42,9       | 4915         | 4930         | 11,8        | 71       | 1060            | "      | "     | "           | "         | "       | "       | "        | ET ~ 30m                                  |
|          | 10:00    | 19,5        | 46,0       | 4955         | 4970         | 11,0        | 75       | 753             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 10:15    | 18,4        | 49,9       | 4923         | 4951         | 13,1        | 73       | 420             | "      | "     | "           | "         | "       | "       | Anke     |   |
|          | 10:30    | 17,6        | 53,7       | 5038         | 5054         | 12,8        | 78       | 500             | "      | "     | "           | "         | "       | "       | "        | ET ~ 40m                                  |
|          | 10:45    | 16,8        | 57,4       | (4439)       | 5122         | 13,0        | 75       | 600             | "      | "     | "           | "         | "       | "       | "        | PS-Tiefe (s.o.)                           |
|          | 11:00    | 16,0        | 8° 01,2    | 5093         | 5093         | 12,3        | 76       | 500             | "      | "     | "           | "         | "       | "       | "        | ET ~ 75m                                  |
|          | 11:15    | 15,2        | 05,1       | 5031         | 5052         | 12,6        | 74       | 650             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 11:33    | 14,1        | 09,8       | 4740         | 4776         | 13,0        | 72       | 250             | "      | "     | "           | "         | "       | 162     | "        | Tapewechsel von Falsthorid - Chaos        |
|          | 11:45    | 13,4        | 12,4       | 5095         | 5119         | 13,0        | 68       | 1000            | "      | "     | "           | "         | "       | "       | "        | ort zum 11:36 (-5minuten?)                |
|          | 12:00    | 12,3        | 16,1       | 5101         | 5120         | 12,3        | 71       | 600             | "      | "     | "           | "         | "       | "       | "        | ↳ 20. Seamount! ET ~ 40                   |
|          | 12:15    | 11,2        | 8,2        | 5089         | 5107         | 12,0        | 71       | 800             | "      | "     | "           | "         | "       | "       | "        | War nie drauf, du                         |
|          | 12:30    | 10,0        | 8,2        | 5088         | 5084         | 12,1        | 69       | 831             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 12:45    | 09,4        | 8° 26,7    | 5089         | 5074         | 11,3        | 72       | 824             | "      | "     | "           | "         | "       | "       | "        | Ulrich                                    |
|          | 13:00    | 08,7        | 30,2       | 5060         | 5081         | 12,3        | 75       | 600             | "      | "     | "           | "         | "       | "       | "        | Tiefe                                     |
|          | 13:15    | 08,0        | 33,8       | 5088         | 5087         | 11,9        | 77       | 635             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 13:30    | 07,4        | 37,3       | 5064         | 5088         | 11,2        | 77       | 926             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 13:45    | 06,8        | 40,7       | 5049         | 5067         | 11,2        | 77       | 706             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 14:00    | 06,31       | 40,26      | 5048         | 5068         | 11,4        | 78       | 700             | "      | "     | "           | "         | "       | "       | Barbara  | ET ~ 80m                                  |
|          | 14:15    | 05,60       | 49,84      | 5063         | 5062         | 13,0        | 75       | 1000            | "      | "     | "           | "         | "       | "       | "        |   |
|          | 14:30    | 04,83       | 51,20      | 5031         | 5034         | 11,3        | 75,3     | 800             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 14:45    | 04,11       | 54,73      | 5031         | 5041         | 11,9        | 68,8     | 1200            | "      | "     | "           | "         | "       | "       | "        |   |
|          | 15:00    | 03,20       | 58,12      | 5009         | 5034         | 11,9        | 73,3     | 500             | "      | "     | "           | "         | "       | 163     | "        | ET ~ 50m                                  |
|          | 15:15    | 02,31       | 9° 01,62   | 5000         | 5033         | 11,8        | 76,3     | 700             | "      | "     | "           | "         | "       | "       | "        | 1447 Taperwechsel                         |
|          | 15:30    | 01,48       | 05° 19     | 4986         | 5007         | 13,6        | 74,5     | 700             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 15:45    | 36° 00,00   | 08,46      | 4984         | 5003         | 11,6        | 75,0     | 700             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 16:00    | 35° 59,95   | 9° 12,17   | 4986         | 5010         | 12,2        | 77       | 800             | "      | "     | "           | "         | "       | "       | Pottina  |   |
|          | 16:15    | 35° 59,17   | 15,94      | 4988         | 4988         | 12,3        | 74       | 800             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 16:30    | 35° 58,41   | 19,45      | 4991         | 5007         | 12          | 75       | 400             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 16:45    | 35° 57,63   | 22,28      | 5011         | 5030         | 12          | 75       | 700             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 17:00    | 35° 56,82   | 26,61      | 5014         | 5037         | 11,6        | 71       | 800             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 17:15    | 35° 56,02   | 29,92      | 5036         | 5055         | 12,3        | 73       | 800             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 17:30    | 35° 55,2    | 33,6       | 5018         | 5038         | 12,2        | 74       | 700             | "      | "     | "           | "         | "       | 164     | "        | 17:26 TAPEWECHSEL 163 → 164               |
|          | 17:45    | 35° 54,1    | 38,2       | 5032         | 5049         | 12,0        | 74       | 1000            | "      | "     | "           | "         | "       | "       | "        | ET ~ 50m                                  |
|          | 18:00    | 35° 53,47   | 40,75      | 5043         | 5060         | 12,5        | 72,8     | 1000            | "      | "     | "           | "         | "       | "       | Ulrich   |   |
|          | 18:15    | 35° 52,61   | 44,37      | 5043         | 5070         | 12,4        | 74       | 800             | "      | "     | "           | "         | "       | "       | "        |   |
|          | 18:30    | 35° 51,77   | 47,85      | 5056         | 5070         | 11,8        | 74,3     | 1200            | "      | "     | "           | "         | "       | "       | "        | ET ~ 50m                                  |
|          | 18:45    | 35° 50,84   | 51,51      | 5063         | 5081         | 12,2        | 75,8     | 1000            | "      | "     | "           | "         | "       | "       | "        |   |
|          | 19:00    | 35° 50,03   | 55,08      | 505          | 5084         | 11,7        | 73,2     | 1000            | "      | "     | "           | "         | "       | "       | "        |   |



| Datum    | Zeit UTC | Breite [°] S | Länge [°] NE | Tiefe PS [m] | Tiefe WS [m] | Geschw. [km] | Winds [°] | max. Ampl. [mV] | Frequ. | Pulse | Recor. Length | Wart. time | Deso No. | Tape No. | Wache  | Bemerkungen   |   |
|----------|----------|--------------|--------------|--------------|--------------|--------------|-----------|-----------------|--------|-------|---------------|------------|----------|----------|--------|---|---|
| 09.01.98 | 18:15    | 35° 48.34    | 9° 58.71     | 5071         | 5081         | 12.1         | 77.6      | 800             | 4      | 2     | 200           | 0          | 23       | 164      | Ulrich | ET-6m<br>das letzte<br>Deso-Wechsel 19:43 -> 16.23<br>PARADIGMA WINDSTART: Tape war<br>noch 2 1/2 Sek fast voll (91%),<br>dann hat's angefangen auf<br>Platte rauszuweilen 3??!!!<br>OOPS! Ist schon seit 3 Tagen so! |   |
|          | 18:30    | 48.63        | 10° 02.36    | 5085         | 5107         | 12.3         | 77.2      | 850             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 18:45    | 48.71        | 05.82        | 5105         | 5133         | 12.9         | 70.3      | 710             | "      | "     | "             | "          | 23       | "        | "      |   |   |
|          | 19:00    | 46.79        | 09.46        | 5124         | 5143         | 12.2         | 73.1      | 700             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 19:15    | 45.8         | 13.7         | 5087         | 5093         | 11.9         | 75        | 500             | "      | "     | "             | "          | "        | 165      | "      |   |   |
|          | 19:30    | 45.0         | 17.3         | 4569         | 4902         | 12.1         | 75        | 200             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 19:45    | 44.3         | 20.6         | 5075         | 5094         | 12.0         | 75        | 1100            | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 20:00    | 43.4         | 24.0         | 5088         | 5105         | 12.1         | 74        | 600             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 20:15    | 42.6         | 27.6         | 5085         | 5103         | 12.3         | 75        | 1100            | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 20:30    | 41.8         | 31.7         | 5090         | 5111         | 12.4         | 74        | 900             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 20:45    | 40.9         | 35.0         | 5070         | 5089         | 12.4         | 73        | 800             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 21:00    | 35° 35.8     | 10° 39.5     | 5038         | 5059         | 12.3         | 70        | 1000            | "      | "     | "             | "          | "        | "        | Polina |   |   |
|          | 21:15    | 35° 39.0     | 10° 42.4     | 5023         | 5041         | 12.6         | 76        | 700             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 21:30    | 35° 38.2     | 10° 46.2     | 5000         | 5013         | 13.0         | 74        | 750             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 21:45    | 35° 37.4     | 10° 49.8     | 5001         | 5021         | 12.7         | 72        | 600             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 22:00    | 35° 36.4     | 10° 53.7     | 4993         | 5011         | 12.7         | 74        | 800             | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 22:15    | 35° 35.4     | 10° 57.5     | 4986         | 5164         | 12.8         | 72        | 1000            | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 22:30    | 35° 34.2     | 11° 01.3     | 4967         | 4982         | 12.5         | 76        | 1000            | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 22:45    | 35° 33.9     | 11° 05.1     | 4979         | 4993         | 13.0         | 74        | 1000            | "      | "     | "             | "          | "        | "        | "      |   |   |
|          | 10/01/98 | 00:00        | 35° 33.1     | 11° 08.1     | 4981         | 4993         | 12.0      | 75              | 1100   | "     | "             | "          | "        | "        | "      |   | " |
|          |          | 00:15        | 35° 32.2     | 11° 12.5     | 4977         | 4995         | 12.4      | 73              | 500    | "     | "             | "          | "        | "        | "      |   | " |
|          |          | 00:30        | 35° 31.3     | 11° 16.1     | 4979         | 4990         | 12.3      | 73              | 1100   | "     | "             | "          | "        | "        | "      |   | " |
|          |          | 00:45        | 35° 30.5     | 11° 19.6     | 4978         | 4975         | 12.3      | 76              | 1000   | "     | "             | "          | "        | "        | "      |   | " |
| 01:00    |          | 35° 29.7     | 11° 23.5     | 4975         | 4973         | 12.4         | 74        | 1300            | "      | "     | "             | "          | "        | 166      | "      |   |   |
| 01:15    |          | 35° 28.9     | 11° 27.27    | 4975         | 4974         | 12.3         | 73        | 900             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 01:30    |          | 35° 27.0     | 11° 31.7     | 4888         | 4884         | 12.0         | 74        | 700             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 01:45    |          | 26.0         | 34.3         | 4920         | 4936         | 12.0         | 73        | 1000            | "      | "     | "             | "          | "        | "        | Ulrich |   |   |
| 02:00    |          | 26.6         | 41.6         | 4918         | 4940         | 11.8         | 76        | 1200            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 02:15    |          | 24.9         | 45.1         | 4919         | 4936         | 11.5         | 77        | 1300            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 02:30    |          | 24.0         | 48.7         | 4908         | 4930         | 12.1         | 73        | 1300            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 02:45    |          | 22.9         | 52.6         | 4905         | 4923         | 12.0         | 71        | 1300            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 03:00    |          | 22.1         | 55.6         | 4905         | 4922         | 12.3         | 75        | 1300            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 03:15    |          | 21.3         | 59.0         | 4890         | 4907         | 12.3         | 75        | 1200            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 03:30    |          | 20.4         | 12° 02.8     | 4881         | 4850         | 12.0         | 73        | 1200            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 03:45    |          | 19.6         | 06.7         | 4871         | 4888         | 12.6         | 73        | 900             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 04:00    |          | 18.6         | 10.1         | 4861         | 4881         | 12.6         | 76        | 3300            | "      | "     | "             | "          | "        | "        | "      |   |   |
| 04:15    |          | 17.7         | 14.6         | 4855         | 4873         | 12.3         | 76        | 300             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 04:30    |          | 17.2         | 17.2         | 4853         | 4870         | 12.3         | 76        | 600             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 04:45    |          | 16.4         | 20.9         | 4848         | 4873         | 11.9         | 76        | 400             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 05:00    |          | 15.5         | 24.6         | 4877         | 4867         | 12.5         | 73        | 600             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 05:15    |          | 14.7         | 27.9         | 4821         | 4836         | 13.1         | 73        | 650             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 05:30    |          | 13.8         | 31.8         | 4794         | 4811         | 12.5         | 74        | 500             | "      | "     | "             | "          | "        | "        | "      |   |   |
| 05:45    | 13.0     | 35.3         | 4788         | 4806         | 12.9         | 76           | 400       | "               | "      | "     | "             | "          | 167      | "        |        |   |   |
| 06:00    | 12.2     | 39.2         | 4785         | 4803         | 12.2         | 76           | 800       | "               | "      | "     | "             | "          | "        | "        |        |   |   |
| 06:15    | 11.2     | 42.9         | 4815         | 4830         | 12.6         | 72           | 800       | "               | "      | "     | "             | "          | "        | "        |        |   |   |
| 06:30    | 10.4     | 46.7         | 4816         | 4837         | 12.4         | 71           | 700       | "               | "      | "     | "             | "          | "        | "        |        |   |   |
| 06:45    | 9.6      | 50.3         | 4810         | 4829         | 13.0         | 77           | 1400      | "               | "      | "     | "             | "          | "        | "        |        |   |   |



05:55 Tapedwechsel 166-167  
das letzte!

01:01 TAPERECHENZ 165-166

Ornelt? oder Linse?

Polina

Katja

| Datum    | Zeit UTC | Brühe [°C] | Körpertemp. [°C] | Tiefe 15 | Tiefe 115 | Spchw. [kg] | Kurs [°] | Max Amplit. [mV] | Recd. PS | Pulse | Record Length | Wait Time | Disc Roll | Tape No | Wade   | Bemerkungen |
|----------|----------|------------|------------------|----------|-----------|-------------|----------|------------------|----------|-------|---------------|-----------|-----------|---------|--------|-------------|
| 10/01/98 | 07:15    | 35° 08,8   | 12° 45,2         | 4767     | 4804      | 12,9        | 76       | 900              | 4        | 2     | 266           | 0         | 23        | 167     | Kasja  |             |
|          | :30      | 08,1       | 58,0             | 4776     | 4788      | 12,6        | 74       | 500              | "        | "     | "             | "         | "         | "       | "      |             |
|          | :45      | 07,2       | 13° 01,6         | 4777     | 4793      | 12,4        | 75       | 1500             | "        | "     | "             | "         | "         | "       | "      |             |
|          | 08:00    | 06,2       | 05,3             | 4770     | 4785      | 12,9        | 74       | 350              | "        | "     | "             | "         | "         | "       | Common |             |
|          | :15      | 05,3       | 09,1             | 4763     | -         | 12,6        | 74       | 660              | "        | "     | "             | "         | "         | "       | "      |             |
|          | :30      | 04,4       | 12,9             | 4746     | 4765      | 13,2        | 76       | 760              | "        | "     | "             | "         | "         | "       | "      |             |
|          | :45      | 03,6       | 16,7             | 4721     | 4738      | 13,0        | 76       | 780              | "        | "     | "             | "         | "         | "       | "      |             |
|          | 09:00    | 02,7       | 20,5             | 4719     | 4730      | 13,0        | 75       | 800              | "        | "     | "             | "         | "         | "       | "      |             |
|          | :15      | 01,8       | 24,3             | 4716     | 4737      | 13,9        | 74       | 1000             | "        | "     | "             | "         | "         | "       | "      |             |
|          | :30      | 00,9       | 27,9             | 4712     | 4743      | 13,1        | 72       | 1100             | "        | "     | "             | "         | "         | "       | "      |             |
|          | :45      | 00,01      | 31,8             | 4706     | 4723      | 12,7        | 75       | 900              | "        | "     | "             | "         | "         | "       | "      |             |
|          | 10:00    | 34° 59,0   | 35,6             | 4690     | 4707      | 12,9        | 74       | 500              | "        | "     | "             | "         | "         | "       | "      |             |
|          | :15      | 58,2       | 39,3             | 4680     | 4697      | 12,9        | 73       | 1000             | "        | "     | "             | "         | "         | "       | "      |             |
|          | 10:30    |            |                  |          |           |             |          |                  |          |       |               |           |           |         |        |             |

Jetzt ist gleich Schluss!

Es liegen noch  
 PS-3 Dateien auf  
 dem Campay-Rechner  
 z.T. auf Tape i Spezial 2  
 Kopien.  
 Der Rest im Verzeichnis  
 ANT XV. Als PS3 und  
 als ANT XV 2. ZIP  
 Files =  
 01091214.PS3 bis  
 01101216.PS3

