



PS28/2 processing log

a) Original data

Original Parasound data were held on hard disk drive. A file structure of several "TXX" directories was given which contained PS3 files indicating a raw copy of Parasound tapes.

b) Processing

- **Sorting:**
Resulting PS3 files were archived 4-hour-wise in TAR archives.
- **Meta navigation table for PANGAEA:**
A navigation table was created using a 10 minute interval navigation extracted from the DShip 10-minute-database (dship.awi.de). Due to missing navigation data from DShip in the time 28.12.1993 00:10 until 01.01.1994 00:00 navigation data from PS3 headers was used instead.
Afterwards all TAR archives were referenced to the navigation table accordingly.
Navigation rows without references to TAR archives were removed.

Some PS3 files contain wrong date/time headers and wrong latitude/longitude values. Their correction was not covered by this processing.

c) Statistics

Data volume:	2.12 GB
Total number of files checked:	2265
Total number of headers checked:	138311
Total number of files with invalid date/time:	2 (0.09 %)
Total number of invalid date/time headers:	2 (0.00 %)
Total number of files with wrong lat/longs:	43 (1.90 %)
Total number of wrong lat/long headers:	79 (0.06 %)



d) Navigation overview

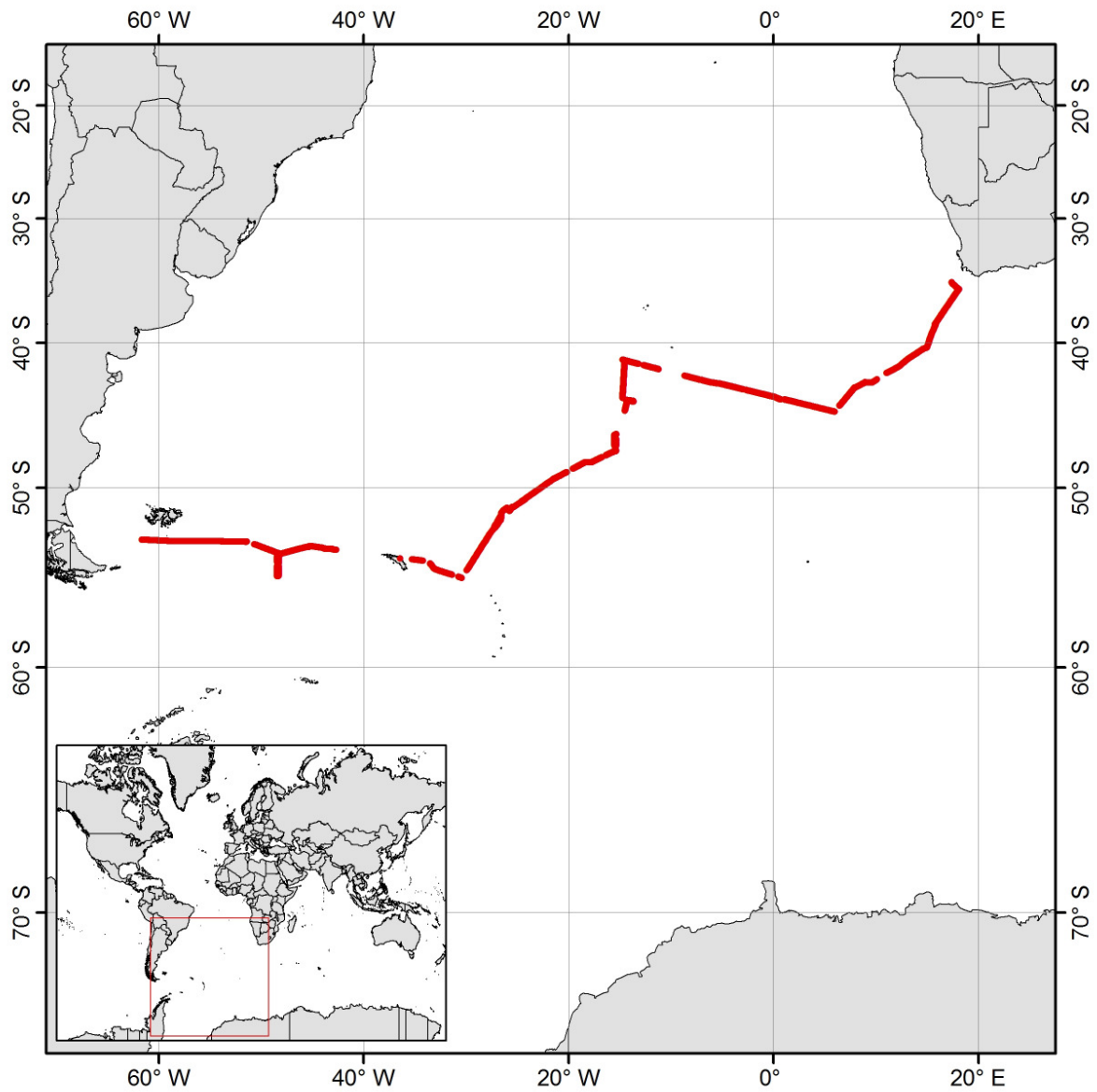


Figure 1: Navigation data as derived from meta navigation table.