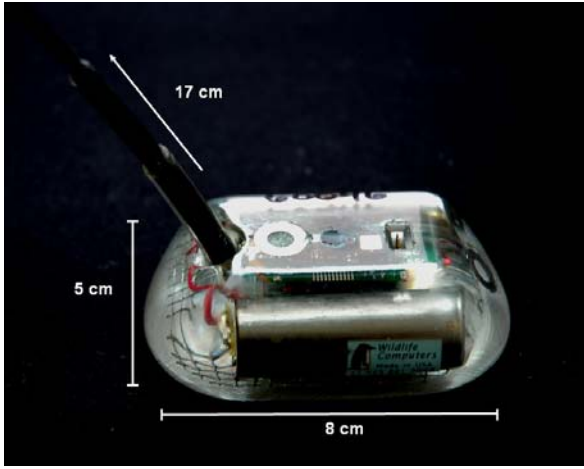



Eventlabel	DDU2005_emp_a_f_18a																																
Campaign	Dumont d'Urville, Terre Adélie, 2005																																
Species	Emperor penguin (<i>Aptenodytes forsteri</i>)																																
Age	≥ 4 years																																
Sex	♀																																
Number	18																																
Length																																	
Girth																																	
Weight [estimated]																																	
Weight [calculated]																																	
Weight [measured]	28 kg																																
ARGOS PTT ID	60047																																
Transmitter type	SPLASH Satellite Transmitter 																																
Manufacturer	Wildlife Computers																																
PTT Serial Number	05L0056																																
PTT Software	SplashHost.1.00.0017																																
Setting protocol	<table border="1"> <thead> <tr> <th colspan="2">Host Settings</th> </tr> </thead> <tbody> <tr> <td>SplashHost version</td> <td>1.00.0017</td> </tr> <tr> <td>User Name</td> <td>Mb</td> </tr> <tr> <th colspan="2">Time And Date Settings</th> </tr> <tr> <td>PC Date</td> <td>13 Nov 2005 at 13:50:03</td> </tr> <tr> <td>Tag Date</td> <td>13 Nov 2005 at 03:51:34</td> </tr> <tr> <th colspan="2">General Settings</th> </tr> <tr> <td>Tag's Serial Number</td> <td>05L0056</td> </tr> <tr> <td>Password</td> <td>SPLASH</td> </tr> <tr> <td>User's Identifier</td> <td>DDU2005_emp_a_f_18a</td> </tr> <tr> <td>Argos Ptt number</td> <td>60047 (08C54F2 Hex) Uplink / LUT id: 561:242</td> </tr> <tr> <td>Repetition Intervals</td> <td>39s (at-sea); 89s (haulout)</td> </tr> <tr> <td>Tagware version</td> <td>1.00h</td> </tr> <tr> <td>Hardware version</td> <td></td> </tr> <tr> <td>Owner</td> <td>Ilka Zimmer Marine Animal Ecology Alfred Wegener Institute for Polar and Marine Research</td> </tr> <tr> <th colspan="2">Data to Archive Settings</th> </tr> </tbody> </table>	Host Settings		SplashHost version	1.00.0017	User Name	Mb	Time And Date Settings		PC Date	13 Nov 2005 at 13:50:03	Tag Date	13 Nov 2005 at 03:51:34	General Settings		Tag's Serial Number	05L0056	Password	SPLASH	User's Identifier	DDU2005_emp_a_f_18a	Argos Ptt number	60047 (08C54F2 Hex) Uplink / LUT id: 561:242	Repetition Intervals	39s (at-sea); 89s (haulout)	Tagware version	1.00h	Hardware version		Owner	Ilka Zimmer Marine Animal Ecology Alfred Wegener Institute for Polar and Marine Research	Data to Archive Settings	
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Depth	2 seconds
Temperature	2 seconds
Light Level	10 seconds
Battery Voltage	never
Wet/Dry Sensor	10 seconds
Sampling Mode	Archive samples when tag is wet or dry
Wet/Dry Threshold	Dry if > 150
Stabilization Time	3ms
Sampling Duration	Time till 15 MByte memory is filled is 75 days
Data to Transmit Settings	
Histogram Data sampling interval	1 seconds
Dive Maximum Depth (m), 14 bins	50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, >650
Dive Duration (sec), 14 bins	60, 120, 180, 240, 300, 360, 420, 480, 540, 600, 660, 720, 780, >780
Time-at-Temperature (C), 14 bins	-20, -15, -10, -5, -2, -1.7, -1.4, -1.1, -0.8, -0.5, -0.2, 0.1, 5, >5
Time-at-Depth (m), 14 bins	50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, >650
Hourly % time-line	Enabled
Histogram Collection	
Hours of data summarized in each histogram	6
Histograms start at GMT	01:00
Dive & Timeline Definition	
Depth reading to determine start and end of dive	2m
Ignore dives shallower than	2m
Depth threshold for timelines	0.5m
Haulout Definition	
A minute is "dry" if Wet/Dry sensor is dry for any <i>value</i> seconds in a minute	30
Enter haulout state after <i>value</i> consecutive dry minutes	20
Exit haulout state if wet for any <i>value</i> seconds in a minute	20
Transmission Control	
Transmit data collected over these last days	2
Pause transmissions if haulout exceeds	12 hours
Transmit every eighth day if transmissions are paused	Disabled
When to Transmit Settings	
Transmit for the first 24 hours regardless of settings	Enabled

below	
Transmit hours	0 - 23
Transmit days	
January	1 - 31
February	1 - 28
March	1 - 31
April	1 - 30
May	1 - 31
June	1 - 30
July	1 - 31
August	1 - 31
September	1 - 30
October	1 - 31
November	1 - 30
December	1 - 31
Daily Transmit Allowance	
January	320 [Accumulate, DO NOT Optimize for battery life]
February	320 [Accumulate, DO NOT Optimize for battery life]
March	320 [Accumulate, DO NOT Optimize for battery life]
April	320 [Accumulate, DO NOT Optimize for battery life]
May	320 [Accumulate, DO NOT Optimize for battery life]
June	320 [Accumulate, DO NOT Optimize for battery life]
July	320 [Accumulate, DO NOT Optimize for battery life]
August	320 [Accumulate, DO NOT Optimize for battery life]
September	320 [Accumulate, DO NOT Optimize for battery life]
October	320 [Accumulate, DO NOT Optimize for battery life]
November	320 [Accumulate, DO NOT Optimize for battery life]
December	320 [Accumulate, DO NOT Optimize for battery life]
Channel Settings	
Depth	Channel: 0; Range: -40m to 1000m; Resolution: 0.5m
Correction factors	0.0e0, 1.0, -203.0 4.103e-7, 0.9005, 6.509 0.0e0, 1.0, 0.0
Errors	None
Compensation factors	-3.087e-9, 6.295e-6, -0.019, 25.37
Errors	None
Temperature	Channel: 1; Range: -40C to 60C; Resolution: 0.05C
Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0
Errors	None
Light Level	Channel: 2; Range: 0 to 0; Resolution: 0.25
Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0
Errors	None
Compensation factors	0.0e0, 0.0e0, 0.0, 0.
Errors	None
Battery Voltage	Channel: 6; Range: 0V to 0V; Resolution: 0.0049V
Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0

	<table border="1"> <tr> <td>Errors</td> <td>None</td> </tr> <tr> <td>Wet/Dry Sensor</td> <td>Channel: 7; Range: 0 to 255; Resolution: 1</td> </tr> <tr> <td>Correction factors</td> <td>0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0</td> </tr> <tr> <td>Errors</td> <td>None</td> </tr> </table> <p>Messages: Argos Data will additionally be saved into the main archival memory area.</p>	Errors	None	Wet/Dry Sensor	Channel: 7; Range: 0 to 255; Resolution: 1	Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0	Errors	None
Errors	None								
Wet/Dry Sensor	Channel: 7; Range: 0 to 255; Resolution: 1								
Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0								
Errors	None								
Deployment	<p>Fixed on lower back feathers with black Tesa Tape</p> 								
Immobilisation	-								
Comment	BIRD 18 was further tagged with a SPOT5 transmitter directly after SPLASH retrieval; see dataset BIRD18b.								
Tag deployed on/at	05-11-13T05:25:00, -66.669, 140.02								
Tag retrieved on/at	05-11-22T08:37:00, -66.656, 140.014								
First transmission	05-11-13T04:32:00, -66.670, 139.990								
Last transmission	05-11-22T07:23:00, -66.676, 140.024								