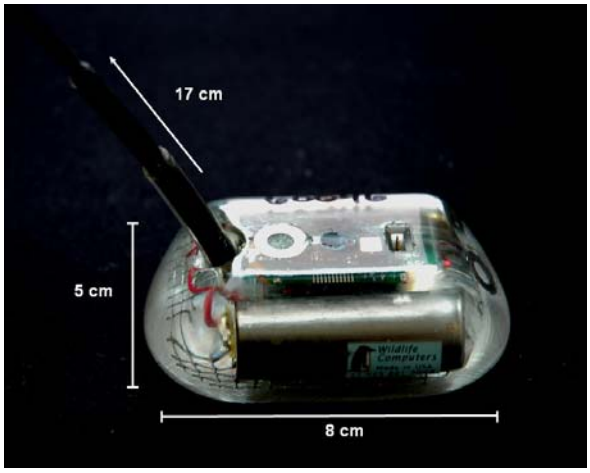
Eventlabel	DDU2005_emp_a_f_11
Campaign	Dumont d´Urville, Terre Adélie, 2005
Species	Emperor penguin (*Aptenodytes forsteri*)
Age	≥ 4 years
Sex	♀
Number	11
Length	
Girth	
Weight [estimated]	
Weight [calculated]	
Weight [measured]	29 kg
ARGOS PTT ID	60049
Transmitter type	SPLASH Satellite Transmitter 
Manufacturer	Wildlife Computers
PTT Serial Number	05L0058
PTT Software	SplashHost.1.00.0017

Setting protocol

Host Settings	
SplashHost version	1.00.0017
User Name	Mb
Time And Date Settings	
PC Date	03 Nov 2005 at 07:53:12
Tag Date	02 Nov 2005 at 21:55:20
General Settings	
Tag's Serial Number	05L0058
Password	SPLASH
User's Identifier	DDU2005_emp_a_f_11
Argos Ptt number	60049 (08DBE13 Hex) Uplink / LUT id: 566:19
Repitition Intervals	41s (at-sea); 91s (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	

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 ***value*** seconds in a minute	30
Enter haulout state after ***value*** consecutive dry minutes	20
Exit haulout state if wet for any ***value*** 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, -189.0 4.062e-6, 0.8087, 13.01 0.0e0, 1.0, 0.0
Errors	None
Compensation factors	-5.951e-10, -1.644e-5, 0.0262, -4.49
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 256; 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 5V; Resolution: 0.0049V
Correction factors	0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0 0.0e0, 1.0, 0.0

<table>
<tr><td></td><td>
<table>
<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>

Messages:
Argos Data will additionally be saved into the main archival memory area.</td></tr>
<tr><td>Deployment</td><td>Fixed on lower back feathers with black Tesa Tape
 </td></tr>
<tr><td>Immobilisation</td><td></td></tr>
<tr><td>Tag deployed on / at</td><td>05-11-04T05:00:00, -66.668, 140.02</td></tr>
<tr><td>Tag retrieved on / at</td><td>-</td></tr>
<tr><td>First transmission</td><td>05-11-02T23:57:00, -66.668, 140.006</td></tr>
<tr><td>Last transmission</td><td>05-11-05T14:57:00, -66.633, 140.008</td></tr>
</table>