<table>
<thead>
<tr>
<th>Event Label</th>
<th>DDU2005_emp_a_?_06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campaign</td>
<td>Dumont d’Urville, Terre Adélie, 2005</td>
</tr>
<tr>
<td>Species</td>
<td>Emperor penguin (<em>Aptenodytes forsteri</em>)</td>
</tr>
<tr>
<td>Age</td>
<td>≥ 4 years</td>
</tr>
<tr>
<td>Sex</td>
<td>?</td>
</tr>
<tr>
<td>Number</td>
<td>06</td>
</tr>
<tr>
<td>Length</td>
<td></td>
</tr>
<tr>
<td>Girth</td>
<td></td>
</tr>
<tr>
<td>Weight [estimated]</td>
<td></td>
</tr>
<tr>
<td>Weight [calculated]</td>
<td>28 kg</td>
</tr>
<tr>
<td>Weight [measured]</td>
<td></td>
</tr>
<tr>
<td>ARGOS PTT ID</td>
<td>60040</td>
</tr>
<tr>
<td>Transmitter type</td>
<td>SPOT5 Satellite Transmitter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Wildlife Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTT Serial Number</td>
<td>0550743</td>
</tr>
<tr>
<td>PTT Software</td>
<td>Spot5Host v5.01.0002</td>
</tr>
</tbody>
</table>
| Setting protocol | Report for SPOT tag 0550743 on 02-Nov-2005 at 08:16:47  
SPOT Time: 01-Nov-2005 at 22:18:34  
Spot5Host version: 5.01.0002  
SPOT5ware version: 5.01f  
SPOT belongs to:  
Ilka Zimmer  
Marine Animal Ecology  
Alfred Wegener Institute for Polar and Marine Research  
Extended Argos PTT number: 60040 or 008C548B Hex.  
Uplink/LUT number: 561/139  
transmitting with fast repetition rate of 42.00 seconds  
and slow repetition rate of 92.00 seconds.  
The current conductivity threshold is: 50 (default)  
The default conductivity threshold is: 50  
It checks for dry (to start transmitting) every 0.25 seconds  
and switches to its slow repetition rate after 15 successive dry transmissions  
Transmissions will suspended after being dry for 12 hours,  
and resume after being wet for 20 seconds. |
Total Transmits since 09-Aug-2005 = 1349
Unused transmissions will be added to the next day's allowance.
Maximum transmissions per day = 320
Transmit on these hours:
0 - 23
Transmit on these days:
Jan: 1 - 31
Feb: 1 - 28,
Mar: 1 - 31
Apr: 1 - 30,
May: 1 - 31
Jun: 1 - 30,
Jul: 1 - 31
Aug: 1 - 31
Sep: 1 - 30,
Oct: 1 - 31
Nov: 1 - 30,
Dec: 1 - 31
Time at temperature Histograms are collected using the following bins:
bin 1: -40 to -2.0
bin 2: -1.9 to -1.8
bin 3: -1.7 to -1.6
bin 4: -1.5 to -1.4
bin 5: -1.3 to -1.2
bin 6: -1.1 to -1.0
bin 7: -0.9 to -0.8
bin 8: -0.7 to -0.6
bin 9: -0.5 to -0.4
bin 10: -0.3 to -0.2
bin 11: -0.1 to 0.0
bin 12: 0.1 to 60.0
Histograms start at the following hours:
1, 7, 13, 19,
Haulout Statistics are being collected
-----------------------------------------------------------------------
System Parameters:
25050A1D0B15050A1D1600A801703200
EA88008C54BB05E805FF30355303734
33190508981400545FFFFF210F0C0A
32082082016D016F0172017401760179
017B017E018001830185014000400C0
7FFFFFFFFFFFFFFFFFF7FFFFFFFF3FFFFFFFF
7FFFFFFFFF7FFFFFFFF7FFFFFFFF
3FFFFFFFF7FFFFFFFF3FFFFFFFF7FFFFFFFF
496C6B612000696D6D65720D0A4D6172
Deployment

Fixed on lower back feathers with black Tesa Tape

Immobilisation

Immobilisation by the use of the anaesthetic gas Isofluran diluted in pure medical oxygen.
The bird is immobilized, the head being inserted in an induction mask (O₂: 2-4 L/min, Isofluran: 4 % for 1 minute, then 3-3.5 % till intubation). The bird becomes intubated with a tracheal tube: I.D. 6.5 – 7.5. During the sedation the Isofluran percentage was occasionally reduced to 1.5 – 2.5 %.
To prevent regurgitation during intubation: injection of glycopyrrolate (Robinul-V®: 0.01-0.02 mg/kg, IV or IM).
Duration of sedation: 40-60 minutes.

<table>
<thead>
<tr>
<th>Tag deployed on/at</th>
<th>05-11-02T02:00:00, -66.668, 140.02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tag retrieved on/at</td>
<td>-</td>
</tr>
<tr>
<td>First transmission</td>
<td>05-11-01T22:24:00, -66.667, 140.042</td>
</tr>
<tr>
<td>Last transmission</td>
<td>06-01-11T07:30:00, -66.668, 151.992</td>
</tr>
</tbody>
</table>