<table>
<thead>
<tr>
<th><strong>Event Label</strong></th>
<th>FIL2014_Wed_a_f_05</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campaign</strong></td>
<td>Filchner 2014</td>
</tr>
<tr>
<td><strong>Species</strong></td>
<td>Weddell seal (<em>Leptonychotes weddellii</em>)</td>
</tr>
<tr>
<td><strong>Age</strong></td>
<td>Adult</td>
</tr>
<tr>
<td><strong>Sex</strong></td>
<td>Female</td>
</tr>
<tr>
<td><strong>Number</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>244 cm</td>
</tr>
<tr>
<td><strong>Girth</strong></td>
<td>203 cm</td>
</tr>
<tr>
<td><strong>Weight [estimated]</strong></td>
<td>400</td>
</tr>
<tr>
<td><strong>Weight [calculated]</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Weight [measured]</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ARGOS PTT ID</strong></td>
<td>13063</td>
</tr>
<tr>
<td><strong>Transmitter type</strong></td>
<td>SMRU series 9000 SRDL CTD satellite tag with 0.5 Watt WildCat RF unit, D</td>
</tr>
<tr>
<td><strong>Manufacturer</strong></td>
<td>SMRU</td>
</tr>
<tr>
<td><strong>PTT Serial Number</strong></td>
<td>12824</td>
</tr>
<tr>
<td><strong>PTT Software</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Setting protocol</strong></td>
<td>Software specification for CTD_GEN_13A deployment (Standard CTD)</td>
</tr>
<tr>
<td></td>
<td>Valid for dates in years 2013 to 2016</td>
</tr>
<tr>
<td></td>
<td>Transmitting via ARGOS</td>
</tr>
<tr>
<td></td>
<td>Argos page transmission sequences:</td>
</tr>
<tr>
<td></td>
<td>Until day 1464: 0 0 1 0 0 2 3 0 0 4 5</td>
</tr>
<tr>
<td></td>
<td>An additional diagnostics page (6) is sent every 60 transmissions</td>
</tr>
<tr>
<td></td>
<td>Argos airtest for first 7 hours:</td>
</tr>
<tr>
<td></td>
<td>Transmission interval is chosen randomly between 48 and 72 seconds</td>
</tr>
<tr>
<td><strong>Satellite availability (UTC):</strong></td>
<td></td>
</tr>
<tr>
<td>00:</td>
<td>-- on --</td>
</tr>
<tr>
<td>01:</td>
<td>-- on --</td>
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<tr>
<td>02:</td>
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<tr>
<td>19:</td>
<td>-- on --</td>
</tr>
<tr>
<td>20:</td>
<td>-- on --</td>
</tr>
<tr>
<td>21:</td>
<td>-- on --</td>
</tr>
</tbody>
</table>
Transmission targets:

56000 transmissions after 365 days

Normal interval between Argos transmissions: 40 secs
In Haulouts: ON (one tx every 1 min 20 secs) for first 5 hours
then cycling OFF for 3 hours, ON for 2 hours

Check sensors every 4 secs
When near surface (shallower than 10m), check wet/dry every 1 sec
Consider wet/dry sensor failed if wet for 7 days or dry for 99 days
Dives start when wet and below 6m for 8 secs
and end when dry, or above 6m
Do not separate 'Deep' dives
A cruise begins if there has been no dive for 9 mins
A haulout begins when dry for 10 mins
and ends when wet for 40 secs

Dive shape (normal dives):
4 points per dive using broken-stick algorithm

Dive shape (deep dives):
none

CTD profiles: max 2000 dbar up to 4 dbar in 2 dbar bins.
Note: these values should now be given in cbar. They have been auto-converted from dbar because
CTD_HI_RES_PRESSURE is not specified

Temperature: Collected, Stored. Valid range: -2.5 to 30.2 degC
Conductivity: Collected, Not stored.
Salinity: Calculated, Stored. Valid range: 28.9 to 37.1
Fluorescence: Not collected.
Oxygen: Not collected.
Light level: Not collected.

Send the deepest upcast in each 6-hour period.
An upcast is collected if the depth exceeds:
1000m in hour 1
400m in hour 2
200m in hour 3
100m in hour 4
50m in hour 5
30m in hour 6
In addition, a replacement upcast is collected if the depth exceeds the depth of the current
upcast by 20%.

During profile, sample CTD sensor every 2 seconds when deeper than 500 m, every 1
seconds when shallower than 500 m.
Each profile contains 16 cut points
consisting of 8 fixed points, maximum depth, minimum depth, 6 broken-stick
points
A set of fixed point is selected according to depth:
10,12,14,16,18,20,24,30
10,14,20,26,30,36,40,50
10,20,30,40,50,60,70,75
10,20,30,40,50,60,75,100
10,20,30,50,75,100,125,150
10,20,30,50,75,100,150,200
10,20,30,50,100,150,200,300
10,20,50,100,150,200,300,400
10,20,50,100,200,300,400,500
10,20,50,100,200,300,500,700
20,50,100,200,300,500,700,1000
50,100,200,300,500,700,1000,1500
TRANSMISSION BUFFERS (in RAM):
Dives in groups of 3 (10.4167 days @ 10mins/dive): 500 = 2000 bytes
No 'deep' dives
Haulouts: 50 = 200 bytes
6-hour Summaries in groups of 3 (7.5 days): 10 = 40 bytes
No Timelines
Cruises: 50 = 200 bytes
No Diving periods
No Spot depths
No Dive duration histograms
No Max depth histograms
No Depth & Temperature histograms
CTD casts (7.5 days): 30 = 120 bytes
No GPS fixes
No Spot CTD's
No Vemco VMT's

TOTAL 2560 bytes (of about 21000 available)

MAIN BUFFERS (in 8 or 24 Mb Flash):
Dive in groups of 3 (10.4167 days @ 10mins/dive): 500 x 104 bytes = 52000 bytes
No 'deep' dives
Haulout: 50 x 32 bytes = 1600 bytes
6-hour summaries in groups of 3 (7.5 days): 10 x 88 bytes = 880 bytes
No Depth & Temperature histograms
No timelines
Cruise: 50 x 32 bytes = 1600 bytes
No diving periods
No spot depths
No emergence records
No Duration histograms
No Max depth histograms
CTD casts (7.5 days): 30 x 160 bytes = 4800 bytes
No GPS fixes
No spot CTD's
No Vemco VMT's

TOTAL 59 kb (from 8192 kb available)

PAGE CONTENTS:

PAGE 0 (Argos, 247 bits):
PTT NUMBER OVERHEAD (28-bit code)
---------[8 bits: 0 - 7]

PAGE NUMBER
---------[3 bits: 8 - 10]

DIAGNOSTICS in format 0:

Max depth ever: Lookup with 128 bins: <2.5,2.5-5.5,5.5-7.5,7.5-10,10-12.5,12.5-15,15-
17.5,17.5-20,20-22.5,22.5-25,25-27.5,27.5-30,30-32.5,32.5-35,35-40,40-45,45-50,50-55,55-60,60-
65,65-70,70-75,75-80,80-85,85-90,90-95,95-100,100-105,105-110,110-115,115-120,120-125,125-
130,130-135,135-140,140-145,145-150,150-155,155-160,160-165,165-170,170-175,175-180,180-
360,360-370,370-380,380-390,390-400,400-425,425-450,450-475,475-500,500-525,525-550,550-
575,575-600,600-625,625-650,650-675,675-700,700-725,725-750,750-775,775-800,800-825,825-
850,850-875,875-900,900-925,925-950,950-975,975-1000,1000-1025,1025-1050,1050-1075,1075-
1100,1100-1125,1125-1150,1150-1175,1175-1200,1200-1225,1225-1250,1250-1275,1275-
1300,1300-1325,1325-1350,1350-1375,1375-1400,1400-1425,1425-1450,1450-1475,1475-
1500,1500-1550,1550-1600,1600-1650,1650-1700,1700-1750,1750-1800,1800-1850,1850-
1900,1900-1950,1950-2000,2000-2050,2050-2100,2100-2150, >2150 in units of 0.1 m (range: 0 to
2150 m)

DIVE group in format 0:
Normal dives transmitted in groups of 3
Time of start of last dive: max 5 days 12 hours @ 30 secs = 15840
(tx as raw 14 bits in units of 1 (range: 0 to 16383) OK
(recommended sell-by 5 days 11 hours, actual: 5 days is OK)
Number of records: raw 2 bits in units of 1 (range: 0 to 3)
Reason for end: -- not transmitted --
Max depth: -- not transmitted --
Dive duration: odlog 2/5 in units of 16 s (range: 0 to 7608 s)
Mean speed: -- not transmitted --
Profile data (4 depths/times, 0 speeds):
   Depth profile: Lookup with 128 bins: <2.5,2.5-5,5-7.5,7.5-10,10-12.5,12.5-
          15,15-17.5,17.5-20,20-22.5,22.5-25,25-27.5,27.5-30,30-32.5,32.5-35,35-40,40-45,45-50,50-55,55-
          60,60-65,65-70,70-75,75-80,80-85,85-90,90-95,95-100,100-105,105-110,110-115,115-120,120-
          125,125-130,130-135,135-140,140-145,145-150,150-155,155-160,160-165,165-170,170-175,175-
          350,350-360,360-370,370-380,380-390,390-400,400-425,425-450,450-475,475-500,500-525,525-
          550,550-575,575-600,600-625,625-650,650-675,675-700,700-725,725-750,750-775,775-800,800-
          825,825-850,850-875,875-900,900-925,925-950,950-975,975-1000,1000-1025,1025-1050,1050-
          1075,1075-1100,1100-1125,1125-1150,1150-1175,1175-1200,1200-1225,1225-1250,1250-
          1275,1275-1300,1300-1325,1325-1350,1350-1375,1375-1400,1400-1425,1425-1450,1450-
          1475,1475-1500,1500-1550,1550-1600,1600-1650,1650-1700,1700-1750,1750-1800,1800-
          1850,1850-1900,1900-1950,1950-2000,2000-2050,2050-2100,2100-2150,2150-2200 in units of 0.1 m
          (range: 0 to 2150 m)
   Profile times: raw 6 bits in units of 15.873 permille (range: 0 to 1000 permille)
      Speed profile: -- not transmitted --
      Residual: -- not transmitted --
      Calculation time: -- not transmitted --
      Surface duration: odlog 2/4 in units of 2.5 s (range: 0 to 588.75 s)
         cf. cruise starts after 9 mins (540 secs)
      Dive area: raw 6 bits in units of 15.873 permille (range: 0 to 1000 permille)
--------------------[229 bits: 18 - 246]

Available bits used exactly

=== End of page 0 ===

PAGE 1 (Argos, 247 bits):
PTT NUMBER OVERHEAD (28-bit code)
--------------------[8 bits: 0 - 7]

PAGE NUMBER
--------------------[3 bits: 8 - 10]

DIAGNOSTICS in format 1:
   TX number: wraparound 11 bits in units of 32 (range: 0 to 65504 )
--------------------[11 bits: 11 - 21]

CRUISE group in format 0:
Number of records: raw 1 bits in units of 1 (range: 0 to 1 )
Cruise number: wraparound 4 bits in units of 1 (range: 0 to 15 )
Start time: -- not transmitted --
End time: max 5 days 12 hours @ 2 mins = 3960
   tx as raw 12 bits in units of 1 (range: 0 to 4095) OK
      (recommended sell-by 5 days 11 hours, actual: 5 days 4 hours is OK)
   Duration: raw 9 bits in units of 120 s (range: 0 to 61320 s)
      cf. Max duration is 16 hours
   Speed: -- not transmitted --
      Reason for end: -- not transmitted --
--------------------[26 bits: 22 - 47]

HAULOUT in format 0:
Number of records: raw 1 bits in units of 1 (range: 0 to 1 )
Haulout number: wraparound 3 bits in units of 1 (range: 0 to 7 )
### Raw Text

| Start time:  -- not transmitted --  |
| End time: max 5 days 12 hours @ 2 mins= 3960 |
| tx as raw 12 bits in units of 1 (range: 0 to 4095) OK |
| (recommended sell-by 5 days 11 hours, actual: 5 days 4 hours is OK)  |
| Duration: raw 9 bits in units of 120 s (range: 0 to 61320 s) |
| cf. Max duration is 16 hours |
| Reason for end:  -- not transmitted -- |
| Contiguous:  -- not transmitted -- |
| ===========[25 bits: 48 - 72]=========== |
| SUMMARY group in format 0: |
| Transmitted in groups of 3 |
| Record could be in buffer for 7 days 12 hours |
| End time: max 5 days 12 hours @ 6 hours= 30 |
| tx as raw 5 bits in units of 1 (range: 0 to 31) OK |
| (recommended sell-by 7 days 11 hours, actual: 7 days is OK)  |
| Number of records: raw 1 bits in units of 1 (range: 0 to 1) |
| Cruising time:  -- not transmitted -- |
| Haulout time: raw 6 bits in units of 15.873 permille (range: 0 to 1000 permille) |
| Dive time: raw 6 bits in units of 15.873 permille (range: 0 to 1000 permille) |
| Deep Dive time:  -- not transmitted -- |
| Normal dives:  |
| SD max dive depth: odlog 2/4 in units of 5 m (range: 0 to 1177.5 m) |
| Avg dive duration: odlog 2/5 in units of 5 m (range: 0 to 1177.5 m) |
| Max dive duration: odlog 2/5 in units of 5 m (range: 0 to 1177.5 m) |
| Avg surface duration: -- not transmitted -- |
| SD surface duration: -- not transmitted -- |
| Max surface duration: -- not transmitted -- |
| Avg speed in dive: -- not transmitted -- |
| Number of dives: odlog 1/4 in units of 2 (range: 0 to 93) |
| Deep dives:  |
| Avg max dive depth: -- not transmitted -- |
| SD max dive depth: -- not transmitted -- |
| Max max dive depth: -- not transmitted -- |
| Avg dive duration: -- not transmitted -- |
| SD dive duration: -- not transmitted -- |
| Max dive duration: -- not transmitted -- |
| Avg surface duration: -- not transmitted -- |
| SD surface duration: -- not transmitted -- |
| Max surface duration: -- not transmitted -- |
| Avg speed in dive: -- not transmitted -- |
| Number of dives: -- not transmitted -- |
Avg SST: -- not transmitted --
----------[174 bits: 73 - 246]

Available bits used exactly
=== End of page 1 ===

PAGE 2 (Argos, 247 bits):

PTT NUMBER OVERHEAD (28-bit code)
----------[8 bits: 0 - 7]

PAGE NUMBER
----------[3 bits: 8 - 10]

CTD PROFILE in format 0:

End time: max 7 days @ 10 mins= 1008
  tx as raw 10 bits in units of 1 (range: 0 to 1023 ) OK
  (recommended sell-by 6 days 23 hours, actual: 6 days 18 hours is OK)

Note: these old-style dbar pressures are internally converted to cbar

Min pressure: -- not transmitted --
Max pressure: raw 10 bits in units of 2 dbar (range: 4 to 2050 dbar)
Min temperature: raw 15 bits in units of 0.001 (range: 2.5 to 35.267 = -2.5 to 30.267 °C in steps of 0.001 °C)
Max temperature: raw 15 bits in units of 0.001 (range: 2.5 to 35.267 = -2.5 to 30.267 °C in steps of 0.001 °C)

Min salinity: raw 13 bits in units of 1 mPSU (range: 28900 to 37091 mPSU)
Max salinity: raw 13 bits in units of 1 mPSU (range: 28900 to 37091 mPSU)
  cf. Valid salinity: 28.9 to 37.1

Number of samples: -- not transmitted --
8 profile points 0 to 7 (from total of 16 cut points):

  Temperature:
  Points 0 to 7 are at fixed pressure
  8 x Temperature: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)

  Temperature residual: -- not transmitted --

  Salinity:
  Points 0 to 7 are at fixed pressure
  8 x Salinity: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)

  Salinity residual: -- not transmitted --

  Temperature bounds : -- not transmitted --
  Conductivity bounds : -- not transmitted --
  Salinity bounds : -- not transmitted --
  Min fluoro: -- not transmitted --
  Max fluoro: -- not transmitted --
  Min DOxy: -- not transmitted --
  Max DOxy: -- not transmitted --
  Min Light: -- not transmitted --
  Max Light: -- not transmitted --
----------[236 bits: 11 - 246]

Available bits used exactly
=== End of page 2 ===

PAGE 3 (Argos, 247 bits):

PTT NUMBER OVERHEAD (28-bit code)
----------[8 bits: 0 - 7]

PAGE NUMBER
----------[3 bits: 8 - 10]

DIAGNOSTICS in format 2:

Number of resets: wraparound 2 bits in units of 1 (range: 0 to 3 )
----------[2 bits: 11 - 12]

CTD PROFILE in format 1:
End time: max 7 days @ 10 mins= 1008
  tx as raw 10 bits in units of 1 (range: 0 to 1023 ) OK
  (recommended sell-by 6 days 23 hours, actual: 6 days 18 hours is OK)
  
  CTD cast number: -- not transmitted --
  
  Note: these old-style dbar pressures are internally converted to cbar
  
  Min pressure: -- not transmitted --
  Max pressure: -- not transmitted --
  Min temperature: -- not transmitted --
  Max temperature: -- not transmitted --
  Min salinity: -- not transmitted --
  Max salinity: -- not transmitted --
  Number of samples: -- not transmitted --
  
  8 profile points 8 to 15 (from total of 16 cut points):
  
  Temperature:
    Min pressure is sent separately
    Max pressure is sent separately
    6 broken stick pressure bins: raw 10 bits in units of 1 bin (range: 0 to 1023 bin)
  
  8 x Temperature: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)
  
  Pressure residual: -- not transmitted --
  
  1000 permille
  
  8 x Salinity: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)
  
  Salinity residual: -- not transmitted --
  
  Temperature bounds : raw 2 bits in units of 1 lo/hi (range: 0 to 3 lo/hi)
  Conductivity bounds : -- not transmitted --
  Salinity bounds : raw 2 bits in units of 1 lo/hi (range: 0 to 3 lo/hi)
  Min fluoro: -- not transmitted --
  Max fluoro: -- not transmitted --
  Min DOxy: -- not transmitted --
  Max DOxy: -- not transmitted --
  Min Light: -- not transmitted --
  Max Light: -- not transmitted --
  
  Available bits used exactly
  
  === End of page 3 ===

PAGE 4 (Argos, 247 bits):
  
  PTT NUMBER OVERHEAD (28-bit code)
  
  PAGE NUMBER
  
  CTD PROFILE in format 2:
  
  End time: max 3 days 6 hours @ 10 mins= 468
  tx as raw 9 bits in units of 1 (range: 0 to 511 ) OK
  (recommended sell-by 3 days 5 hours, actual: 3 days is OK)
  
  CTD cast number: -- not transmitted --
  
  Note: these old-style dbar pressures are internally converted to cbar
  
  Min pressure: -- not transmitted --
  Max pressure: raw 10 bits in units of 2 dbar (range: 4 to 2050 dbar)
  Min temperature: raw 15 bits in units of 0.001 (range: 2.5 to 35.267 = -2.5 to 30.267 °C in steps of 0.001 °C)
  Max temperature: raw 15 bits in units of 0.001 (range: 2.5 to 35.267 = -2.5 to 30.267 °C in steps of 0.001 °C)
  
  cf. Valid temperatures: -2.5 to 30.2 degC
  Min salinity: raw 13 bits in units of 1 mPSU (range: 28900 to 37091 mPSU)
  Max salinity: raw 13 bits in units of 1 mPSU (range: 28900 to 37091 mPSU)
  
  cf. Valid salinity: 28.9 to 37.1
  Number of samples: -- not transmitted --
  
  8 profile points 0 to 7 (from total of 16 cut points):
  Temperature:
    Points 0 to 7 are at fixed pressure
    8 x Temperature: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)
0 to 1000 permille)  
  Temperature residual: -- not transmitted --  
  Salinity:  
  Points 0 to 7 are at fixed pressure  
  8 x Salinity: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)  
  Salinity residual: -- not transmitted --  
  Temperature bounds : -- not transmitted --  
  Conductivity bounds : -- not transmitted --  
  Salinity bounds : -- not transmitted --  
  Min fluoro: -- not transmitted --  
  Max fluoro: -- not transmitted --  
  Min DOxy: -- not transmitted --  
  Max DOxy: -- not transmitted --  
  Min Light: -- not transmitted --  
  Max Light: -- not transmitted --  
  -----------[235 bits: 11 - 245]  
  UNUSED  
  -----------[1 bits: 246 - 246]  

=== End of page 4 ===

PAGE 5 (Argos, 247 bits):  
  PTT NUMBER OVERHEAD (28-bit code)  
  -----------[8 bits: 0 - 7]  
  PAGE NUMBER  
  -----------[3 bits: 8 - 10]  
  DIAGNOSTICS in format 2:  
  Number of resets: wraparound 2 bits in units of 1 (range: 0 to 3 )  
  -----------[2 bits: 11 - 12]  
  CTD PROFILE in format 3:  
  End time: max 3 days 6 hours @ 10 mins= 468  
  tx as raw 9 bits in units of 1  (range: 0 to 511 ) OK  
  (recommended sell-by 3 days 5 hours, actual: 3 days is OK)  
  CTD cast number: -- not transmitted --  
  Note: these old-style dbar pressures are internally converted to cbar  
  Min pressure: -- not transmitted --  
  Max pressure: -- not transmitted --  
  Min temperature: -- not transmitted --  
  Max temperature: -- not transmitted --  
  Min salinity: -- not transmitted --  
  Max salinity: -- not transmitted --  
  Number of samples: -- not transmitted --  
  8 profile points 8 to 15 (from total of 16 cut points):  
  Temperature:  
  Min pressure is sent separately  
  Max pressure is sent separately  
  6 broken stick pressure bins: raw 10 bits in units of 1 bin (range: 0 to 1023 bin)  
  8 x Temperature: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)  
  Temperature residual: -- not transmitted --  
  Salinity:  
  Pressure already transmitted  
  8 x Salinity: raw 10 bits in units of 0.977517 permille (range: 0 to 1000 permille)  
  Salinity residual: -- not transmitted --  
  Temperature bounds : raw 2 bits in units of 1 lo/hi (range: 0 to 3 lo/hi)  
  Conductivity bounds : -- not transmitted --  
  Salinity bounds : -- not transmitted --  
  Min fluoro: -- not transmitted --  
  Max fluoro: -- not transmitted --  
  Min DOxy: -- not transmitted --  
  Max DOxy: -- not transmitted --  
  Max DOxy: -- not transmitted --
PAGE 5 (special diagnostics page sent every 60 transmissions)

Min Light:  -- not transmitted --
Max Light:  -- not transmitted --
----------[233 bits: 13 - 245]

UNUSED
----------[1 bits: 246 - 246]

=== End of page 5 ===

PAGE 6 (special diagnostics page sent every 60 transmissions)

PTT NUMBER OVERHEAD (28-bit code)
----------[8 bits: 0 - 7]

PAGE NUMBER
----------[3 bits: 8 - 10]

TX number:  wraparound 18 bits in units of 1  (range: 0 to 262143 )
Current state:  raw 3 bits in units of 1  (range: 0 to 7 )
Tag time (mm:ss):  raw 12 bits in units of 1 secs (range: 0 to 4095 secs)
ADC offset:  raw 12 bits in units of 1 A/D units (range: 0 to 4095 A/D units)
Tag hours:  wraparound 16 bits in units of 1 hours (range: 0 to 65535 hours)
Aborted tx:  wraparound 18 bits in units of 1  (range: 0 to 262143 )
Wet/dry status:  raw 2 bits in units of 1  (range: 0 to 3 )
Wet/dry fail count:  wraparound 8 bits in units of 1  (range: 0 to 255 )
Body number:  raw 16 bits in units of 1  (range: 0 to 65535 )
Max depth ever:  raw 15 bits in units of 0.1 m (range: 0 to 3276.7 m)
Latest reset hour:  raw 16 bits in units of 1 hours (range: 0 to 65535 hours)
Number of resets:  wraparound 8 bits in units of 1  (range: 0 to 255 )
Wettest (min wet/dry):  raw 8 bits in units of 1  (range: 0 to 255 )
Driest (max wet/dry):  raw 8 bits in units of 1  (range: 0 to 255 )
Number of depth spikes:  wraparound 16 bits in units of 1  (range: 0 to 65535 )
Number of CTD samples:  wraparound 22 bits in units of 1  (range: 0 to 4.1943e+06 )
----------[198 bits: 11 - 208]

UNUSED
----------[38 bits: 209 - 246]

=== End of page 6 ===
## Deployment

[Image of a seal]

## Immobileisation

http://doi.pangaea.de/10.1594/PANGAEA.839451

## Comment

Seal tag  
Deployment site: Filchner  
Previous deployment:

<table>
<thead>
<tr>
<th>Tag deployed</th>
<th>2014-02-11T11:24</th>
<th>-74.7771</th>
<th>-25.030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tag retrieved</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>