

Animal Tracking - Satellite tagging - data currently available via the portal



Data summary - report run on Monday 28 May 2018

| | |
|----------------------------------|---|
| Headers: | Data type. |
| Sub-headers: | Species common name. |
| Campaign name: | Name of satellite tagging program. All tags deployed under the same campaign have the same software configuration. |
| # animals: | Total number of animals equipped with satellite tags. |
| # CTD profiles: | Number of CTD profiles relayed. SMRU CTD tags relay both temperature and salinity profiles while SMRU SRDL tags only relay temperature profiles. |
| # measurements: | Total number of measurements across all CTD profiles. |
| Start: | Recording date of the first CTD profile for the satellite tagging campaign (format: dd/mm/yyyy). |
| End: | Recording date of the last CTD profile for the satellite tagging campaign (format: dd/mm/yyyy). |
| # days of data (range): | Number of days during which CTD profiles were recorded (minimum - maximum). |
| Animal Tracking Facility: | http://imos.org.au/animaltracking.html . |
| CTD: | Conductivity Temperature and Depth. |
| SMRU: | Sea Mammal Research Unit (http://www.smru.st-andrews.ac.uk/). |
| MEOP: | Marine Mammals Exploring the Oceans Pole to Pole (http://meop.net/). The MEOP consortium delivers Delayed-mode QC'd CTD data. |

| Campaign name | Deployment location | # animals | # CTD profiles | # measurements | Start | End | # days of data (range) |
|---------------|---------------------|-----------|----------------|----------------|-------|-----|------------------------|
|---------------|---------------------|-----------|----------------|----------------|-------|-----|------------------------|

Delayed mode CTD data

| | | | | | | | |
|-------|--|----|----|-----|------------|------------|------------|
| ct134 | | 12 | 31 | 440 | 11/01/2018 | 02/02/2018 | 0.2 - 21.9 |
|-------|--|----|----|-----|------------|------------|------------|

Australian Fur Seal

| | | | | | | | |
|-------|-----------------|---|-------|--------|------------|------------|--------------|
| ct91 | New South Wales | 3 | 1,764 | 31,939 | 24/06/2012 | 11/11/2012 | 59.6 - 139.8 |
| ct101 | New South Wales | 5 | 3,154 | 57,066 | 26/05/2013 | 24/11/2013 | 45.3 - 182.2 |

Australian Sea Lion

| | | | | | | | |
|-------|-------------------|----|--------|---------|------------|------------|---------------|
| ct31 | South Australia | 5 | 3,718 | 68,203 | 26/03/2007 | 17/04/2008 | 2.2 - 41.3 |
| ct61 | South Australia | 10 | 10,244 | 186,800 | 05/11/2009 | 01/07/2010 | 49.9 - 215.8 |
| ct76 | South Australia | 5 | 3,339 | 51,289 | 10/02/2011 | 17/07/2011 | 53.5 - 156.8 |
| ct86 | South Australia | 7 | 3,922 | 73,759 | 24/11/2011 | 01/09/2012 | 36.5 - 138.8 |
| ct106 | Western Australia | 4 | 1,538 | 25,066 | 23/11/2013 | 13/07/2014 | 0.0 - 222.2 |
| ct106 | South Australia | 1 | 1 | 19 | 13/07/2014 | 13/07/2014 | 0.0 - 0.0 |
| ct115 | South Australia | 1 | 542 | 10,290 | 08/12/2014 | 21/03/2015 | 102.6 - 102.6 |
| ct123 | South Australia | 5 | 3,424 | 64,987 | 08/12/2015 | 12/07/2016 | 21.6 - 214.3 |

| Campaign name | Deployment location | # animals | # CTD profiles | # measurements | Start | End | # days of data (range) |
|---------------|---------------------|-----------|----------------|----------------|------------|------------|------------------------|
| ct136 | South Australia | 3 | 1,339 | 25,441 | 23/02/2017 | 04/06/2017 | 35.6 - 101.1 |
| ct142 | South Australia | 1 | 218 | 4,142 | 27/01/2018 | 11/03/2018 | 42.3 - 42.3 |
| ft13 | South Australia | 11 | 6,394 | 130,513 | 27/02/2013 | 11/09/2013 | 53.2 - 194.5 |
| ct106 | South Australia | 4 | 978 | 13,976 | 03/12/2013 | 26/07/2014 | 87.4 - 132.0 |
| ft19 | South Australia | 3 | 895 | 19,333 | 11/12/2014 | 25/04/2015 | 56.3 - 134.5 |
| ct123 | South Australia | 3 | 1,855 | 38,014 | 09/12/2015 | 24/07/2016 | 145.1 - 176.9 |
| ct136 | South Australia | 2 | 346 | 6,991 | 18/03/2017 | 17/05/2017 | 32.3 - 60.2 |
| ct142 | South Australia | 1 | 1 | 22 | 28/01/2018 | 28/01/2018 | 0.0 - 0.0 |

Fishing Vessel

| | | | | | | | |
|------|---------------------------|---|----|-----|------------|------------|--------------|
| kp01 | French Overseas Territory | 2 | 44 | 616 | 06/04/2017 | 19/08/2017 | 75.0 - 127.9 |
|------|---------------------------|---|----|-----|------------|------------|--------------|

New Zealand Fur Seal

| | | | | | | | |
|-------|-----------------|----|-------|--------|------------|------------|--------------|
| ct91 | New South Wales | 6 | 2,567 | 43,970 | 12/06/2012 | 24/11/2012 | 63.3 - 164.4 |
| ct101 | New South Wales | 8 | 1,873 | 31,725 | 26/05/2013 | 23/09/2013 | 14.7 - 117.1 |
| ct110 | New South Wales | 10 | 1,895 | 35,734 | 04/08/2014 | 03/11/2014 | 7.4 - 90.0 |

Southern Elephant Seal

| | | | | | | | |
|-------|-------------------------------|----|--------|---------|------------|------------|---------------|
| ct36 | French Overseas Territory | 10 | 2,827 | 43,005 | 26/12/2008 | 05/10/2009 | 1.4 - 238.1 |
| ct64 | Tasmania | 15 | 11,103 | 179,520 | 17/01/2010 | 30/11/2010 | 66.2 - 298.2 |
| ct78d | Australia Antarctic Territory | 21 | 14,151 | 225,690 | 26/02/2011 | 02/12/2011 | 7.1 - 278.4 |
| ct79 | New Zealand | 4 | 1,537 | 21,907 | 28/01/2012 | 08/11/2012 | 6.7 - 285.2 |
| ct78 | Australia Antarctic Territory | 24 | 14,165 | 227,363 | 05/02/2012 | 12/12/2012 | 6.1 - 278.6 |
| ct77 | Australia Antarctic Territory | 25 | 13,115 | 201,800 | 24/02/2012 | 18/12/2012 | 11.4 - 281.2 |
| ct96 | French Overseas Territory | 29 | 14,964 | 219,798 | 10/02/2013 | 11/01/2014 | 5.5 - 322.0 |
| ct100 | New Zealand | 5 | 1,438 | 20,044 | 13/03/2013 | 04/01/2014 | 66.4 - 277.2 |
| ct98 | French Overseas Territory | 17 | 8,923 | 127,511 | 29/12/2013 | 02/11/2014 | 13.9 - 299.6 |
| ct105 | French Overseas Territory | 1 | 386 | 8,600 | 31/01/2014 | 11/09/2014 | 222.1 - 222.1 |
| ct108 | New Zealand | 9 | 2,222 | 31,236 | 18/07/2014 | 10/01/2015 | 7.8 - 157.9 |
| ct109 | French Overseas Territory | 23 | 11,475 | 156,189 | 16/12/2014 | 12/11/2015 | 30.3 - 284.8 |
| ct122 | French Overseas Territory | 12 | 6,655 | 93,884 | 16/01/2016 | 03/11/2016 | 58.3 - 274.5 |
| ct116 | Australia Antarctic Territory | 2 | 44 | 648 | 11/02/2016 | 22/02/2016 | 5.1 - 11.4 |
| ct121 | Australia Antarctic Territory | 3 | 1,264 | 18,233 | 15/02/2016 | 08/02/2017 | 0.4 - 252.1 |
| ct135 | French Overseas Territory | 11 | 5,995 | 86,339 | 25/01/2017 | 07/12/2017 | 8.3 - 302.6 |
| ct133 | Australia Antarctic Territory | 2 | 630 | 8,658 | 07/02/2017 | 10/10/2017 | 47.2 - 245.0 |
| ct134 | Australia Antarctic Territory | 8 | 2,811 | 40,872 | 21/02/2017 | 03/12/2017 | 21.3 - 279.7 |

| Campaign name | Deployment location | # animals | # CTD profiles | # measurements | Start | End | # days of data (range) |
|---------------|---------------------------|-----------|----------------|----------------|------------|------------|------------------------|
| ct140 | French Overseas Territory | 27 | 7,546 | 103,821 | 02/01/2018 | 21/05/2018 | 40.1 - 138.0 |
| ct105 | French Overseas Territory | 2 | 520 | 12,108 | 18/01/2014 | 17/09/2014 | 40.3 - 218.4 |

Weddell Seal

| | | | | | | | |
|-------|-------------------------------|----|-------|---------|------------|------------|--------------|
| ct85 | Australia Antarctic Territory | 8 | 2,031 | 29,149 | 02/02/2014 | 21/10/2014 | 24.2 - 250.0 |
| ct111 | French Antarctic Territory | 4 | 451 | 6,216 | 03/11/2014 | 17/01/2015 | 9.8 - 73.3 |
| ct119 | Australia Antarctic Territory | 4 | 740 | 10,516 | 18/01/2016 | 12/02/2017 | 21.2 - 247.6 |
| ct128 | French Antarctic Territory | 2 | 173 | 2,319 | 18/11/2017 | 13/01/2018 | 38.6 - 56.5 |
| wd04 | Australia Antarctic Territory | 19 | 7,569 | 185,273 | 11/03/2011 | 01/12/2011 | 4.7 - 249.5 |
| ct111 | French Antarctic Territory | 1 | 35 | 763 | 15/11/2014 | 11/12/2014 | 25.6 - 25.6 |

Delayed-mode QCd CTD data

Southern Elephant Seal

| | | | | | | | |
|-------|-------------------------------|----|--------|---------|------------|------------|---------------|
| ct2 | Australia Antarctic Territory | 4 | 2,090 | 45,980 | 27/01/2004 | 28/07/2004 | 149.1 - 178.5 |
| ct6 | Australia Antarctic Territory | 11 | 2,873 | 54,620 | 01/02/2005 | 05/10/2005 | 2.3 - 233.2 |
| ct36 | French Overseas Territory | 10 | 2,827 | 48,059 | 26/12/2008 | 05/10/2009 | 1.4 - 238.1 |
| ct64 | Australia Antarctic Territory | 15 | 11,103 | 188,751 | 17/01/2010 | 30/11/2010 | 66.2 - 298.2 |
| ct78d | Australia Antarctic Territory | 21 | 14,152 | 240,584 | 26/02/2011 | 02/12/2011 | 7.1 - 278.4 |
| ct79 | New Zealand | 4 | 1,537 | 24,592 | 28/01/2012 | 08/11/2012 | 6.7 - 285.2 |
| ct78 | Australia Antarctic Territory | 24 | 14,165 | 240,805 | 05/02/2012 | 12/12/2012 | 6.1 - 278.6 |
| ct77 | Australia Antarctic Territory | 25 | 13,115 | 216,164 | 24/02/2012 | 18/12/2012 | 11.4 - 281.2 |
| ct96 | French Overseas Territory | 29 | 14,964 | 239,424 | 10/02/2013 | 11/01/2014 | 5.5 - 322.0 |
| ct100 | New Zealand | 5 | 1,438 | 23,008 | 13/03/2013 | 04/01/2014 | 66.4 - 277.2 |
| ct98 | French Overseas Territory | 17 | 8,923 | 142,768 | 29/12/2013 | 02/11/2014 | 13.9 - 299.6 |
| ct108 | New Zealand | 8 | 2,197 | 35,152 | 18/07/2014 | 10/01/2015 | 39.7 - 157.9 |
| ct108 | Australia Antarctic Territory | 1 | 25 | 400 | 13/08/2014 | 21/08/2014 | 7.8 - 7.8 |
| ct109 | French Overseas Territory | 23 | 11,475 | 183,600 | 16/12/2014 | 12/11/2015 | 30.3 - 284.8 |
| ct122 | French Overseas Territory | 12 | 6,655 | 106,480 | 16/01/2016 | 03/11/2016 | 58.3 - 274.5 |
| ct116 | Australia Antarctic Territory | 2 | 521 | 8,336 | 11/02/2016 | 03/06/2016 | 69.5 - 113.6 |
| ct135 | French Overseas Territory | 11 | 5,039 | 80,740 | 25/01/2017 | 21/08/2017 | 8.3 - 207.8 |
| ct134 | Australia Antarctic Territory | 8 | 2,245 | 35,920 | 21/02/2017 | 21/08/2017 | 21.3 - 179.4 |

Weddell seal

| Campaign name | Deployment location | # animals | # CTD profiles | # measurements | Start | End | # days of data (range) |
|---------------|-------------------------------|-----------|----------------|----------------|------------|------------|------------------------|
| wd1 | Australia Antarctic Territory | 6 | 6,277 | 75,324 | 15/02/2006 | 03/10/2006 | 32.0 - 229.3 |
| wd3 | French Overseas Territory | 3 | 1,240 | 23,560 | 20/02/2007 | 18/10/2007 | 181.2 - 239.4 |
| awru1 | Australia Antarctic Territory | 3 | 3,520 | 42,240 | 02/03/2007 | 01/10/2007 | 135.3 - 210.5 |
| ct38w | French Overseas Territory | 5 | 1,255 | 21,335 | 21/02/2008 | 14/10/2008 | 3.0 - 234.0 |
| ct47 | French Overseas Territory | 8 | 1,883 | 32,011 | 13/02/2009 | 09/09/2009 | 72.5 - 198.6 |
| wd04 | Australia Antarctic Territory | 19 | 7,569 | 211,932 | 11/03/2011 | 01/12/2011 | 4.7 - 249.5 |
| ct75 | French Overseas Territory | 7 | 295 | 5,405 | 08/11/2011 | 26/12/2011 | 6.2 - 44.5 |
| ct85 | Australia Antarctic Territory | 8 | 2,031 | 32,496 | 02/02/2014 | 21/10/2014 | 24.2 - 250.0 |
| ct111 | French Overseas Territory | 5 | 486 | 8,196 | 03/11/2014 | 17/01/2015 | 9.8 - 73.3 |
| ct119 | Australia Antarctic Territory | 4 | 740 | 11,840 | 18/01/2016 | 12/02/2017 | 21.2 - 247.6 |
| ct128 | Australia Antarctic Territory | 1 | 228 | 3,648 | 04/03/2017 | 29/07/2017 | 146.9 - 146.9 |

Near real-time CTD data

Australian Fur Seal

| | | | | | | | |
|-------|-----------------|---|-------|--------|------------|------------|--------------|
| ct101 | New South Wales | 5 | 1,555 | 28,224 | 09/06/2013 | 24/11/2013 | 31.6 - 168.0 |
|-------|-----------------|---|-------|--------|------------|------------|--------------|

Australian Sea Lion

| | | | | | | | |
|-------|-------------------|---|-------|---------|------------|------------|---------------|
| ct61 | South Australia | 9 | 6,733 | 122,552 | 05/11/2009 | 06/03/2011 | 47.5 - 428.3 |
| ct76 | South Australia | 1 | 403 | 6,999 | 11/02/2011 | 24/12/2011 | 316.7 - 316.7 |
| ct106 | Western Australia | 3 | 673 | 11,370 | 05/01/2014 | 07/04/2014 | 24.8 - 77.2 |
| ct115 | South Australia | 1 | 310 | 5,830 | 10/12/2014 | 21/03/2015 | 101.0 - 101.0 |
| ct123 | South Australia | 5 | 2,027 | 36,380 | 08/12/2015 | 12/07/2016 | 21.6 - 214.3 |
| ct136 | South Australia | 3 | 799 | 15,126 | 27/02/2017 | 04/06/2017 | 26.0 - 96.4 |
| ft13 | South Australia | 4 | 123 | 1,878 | 24/06/2013 | 11/09/2013 | 12.5 - 75.0 |
| ct106 | South Australia | 3 | 704 | 9,795 | 22/03/2014 | 26/07/2014 | 83.9 - 107.8 |
| ft19 | South Australia | 3 | 392 | 7,672 | 11/12/2014 | 24/04/2015 | 56.3 - 134.0 |
| ct123 | South Australia | 3 | 798 | 15,881 | 09/12/2015 | 24/07/2016 | 145.1 - 176.9 |
| ct136 | South Australia | 2 | 143 | 2,725 | 19/03/2017 | 15/05/2017 | 32.3 - 57.7 |

Fishing Vessel

| | | | | | | | |
|------|---------------------------|---|----|-----|------------|------------|-------------|
| kp01 | French Overseas Territory | 1 | 28 | 360 | 06/04/2017 | 20/06/2017 | 75.0 - 75.0 |
|------|---------------------------|---|----|-----|------------|------------|-------------|

New Zealand Fur Seal

| | | | | | | | |
|-------|-----------------|---|-----|--------|------------|------------|-------------|
| ct101 | New South Wales | 8 | 650 | 10,843 | 09/06/2013 | 21/09/2013 | 0.0 - 103.5 |
| ct110 | New South Wales | 8 | 695 | 11,531 | 04/08/2014 | 25/10/2014 | 21.3 - 81.2 |

| Campaign name | Deployment location | # animals | # CTD profiles | # measurements | Start | End | # days of data (range) |
|---------------|---------------------|-----------|----------------|----------------|-------|-----|------------------------|
|---------------|---------------------|-----------|----------------|----------------|-------|-----|------------------------|

Southern Elephant Seal

| | | | | | | | |
|-------|-------------------------------|----|--------|---------|------------|------------|---------------|
| ct36 | French Overseas Territory | 10 | 2,690 | 40,885 | 08/01/2009 | 05/10/2009 | 1.4 - 236.6 |
| ct64 | Tasmania | 15 | 9,468 | 152,692 | 17/01/2010 | 01/12/2010 | 12.5 - 275.5 |
| ct78d | Australia Antarctic Territory | 20 | 14,094 | 204,961 | 19/04/2011 | 01/12/2011 | 2.8 - 225.4 |
| ct96 | French Overseas Territory | 26 | 13,394 | 196,569 | 10/02/2013 | 16/12/2013 | 31.1 - 271.5 |
| ct100 | New Zealand | 5 | 1,410 | 19,665 | 20/03/2013 | 03/01/2014 | 61.3 - 276.1 |
| ct98 | French Overseas Territory | 17 | 8,872 | 126,776 | 29/12/2013 | 02/11/2014 | 13.9 - 299.3 |
| ct105 | French Overseas Territory | 1 | 386 | 8,600 | 31/01/2014 | 11/09/2014 | 222.1 - 222.1 |
| ct108 | New Zealand | 9 | 2,207 | 31,032 | 18/07/2014 | 10/01/2015 | 7.8 - 163.2 |
| ct109 | French Overseas Territory | 23 | 11,306 | 154,249 | 16/12/2014 | 12/11/2015 | 30.3 - 284.8 |
| ct122 | French Overseas Territory | 10 | 4,687 | 65,793 | 16/01/2016 | 03/11/2016 | 27.6 - 274.5 |
| ct116 | Australia Antarctic Territory | 8 | 634 | 9,239 | 11/02/2016 | 07/03/2017 | 0.2 - 113.6 |
| ct121 | Australia Antarctic Territory | 2 | 777 | 10,936 | 28/04/2016 | 29/10/2016 | 165.3 - 182.9 |
| ct135 | French Overseas Territory | 9 | 5,296 | 76,373 | 16/02/2017 | 07/12/2017 | 199.2 - 277.0 |
| ct133 | Australia Antarctic Territory | 2 | 533 | 7,202 | 17/02/2017 | 10/10/2017 | 32.0 - 235.4 |
| ct134 | Australia Antarctic Territory | 8 | 2,622 | 37,960 | 02/03/2017 | 03/12/2017 | 0.4 - 275.3 |
| ct140 | French Overseas Territory | 8 | 2,262 | 32,159 | 26/01/2018 | 26/05/2018 | 68.0 - 119.1 |
| ct105 | French Overseas Territory | 1 | 417 | 10,633 | 11/02/2014 | 17/09/2014 | 218.4 - 218.4 |

Weddell Seal

| | | | | | | | |
|-------|-------------------------------|----|-------|--------|------------|------------|---------------|
| ct85 | Australia Antarctic Territory | 10 | 2,109 | 30,442 | 02/02/2014 | 21/10/2014 | 7.4 - 250.0 |
| ct111 | French Antarctic Territory | 3 | 435 | 5,970 | 03/11/2014 | 17/01/2015 | 49.4 - 73.3 |
| ct119 | Australia Antarctic Territory | 3 | 680 | 9,595 | 18/01/2016 | 14/10/2016 | 71.6 - 247.6 |
| ct128 | British Antarctic Territory | 1 | 175 | 2,362 | 22/03/2017 | 29/07/2017 | 129.0 - 129.0 |

| | Near real-time CTD data | Delayed mode CTD data | Delayed mode QC'd CTD data | TOTAL |
|--|--------------------------------|------------------------------|-----------------------------------|----------------------------|
| Total number of satellite tagging programs: | 31 | 39 | 28 | 47 |
| Total number of species equipped with satellite tags: | 6 | 7 | 2 | 8 |
| Total number of different tag types deployed: | 2 | 3 | 1 | 3 |
| Total number of animals equipped with satellite tags: | 250 | 400 | 299 | 456 |
| Total number of CTD profiles: | 100,472 | 182,852 | 140,868 | 424,192 |
| Total number of individual measurements: | 1,521,059 | 2,981,797 | 2,383,370 | 6,886,226 |
| Temporal range: | 08/01/2009 - 24/05/2018 | 26/03/2007 - 21/05/2018 | 27/01/2004 - 21/08/2017 | 27/01/2004 - 24/05/2018 |
| Latitudinal range: | -78.0 - -32.0 | -78.0 - -32.0 | -78.0 - -41.1 | -78.0 - -32.0 |
| Longitudinal range: | -180.0 - 180.0 | -180.0 - 180.0 | -180.0 - 180.0 | -180.0 - 180.0 |
| Depth range: | 2 - 2052 | 2 - 1998 | 4 - 2052 | 2 - 2052 |
