**Table 1.** Satellite tag deployment and reporting metadata for Patagonian toothfish

| Fish ID /Argos PTT | Tag serial | Fish total length (cm) | Release date | Release latitude (°S) | Release longtitude (°W) | Mission duration (day) | Reporting date | Reporting latitude (°S) | Reporting longtitude (°W) | Straight-line distance (km) | Least cost path distance (km) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 177062 | L330-2552 | 105 | Jan 17, 2019 | 53.13 | 50.05 | 28 | Feb 15, 2019 | 50.76 | 54.12 | 384 | 929\* |
| 177063 | L330-2553 | 103 | Jan 17, 2019 | 53.15 | 50.05 | 28 | Feb 14, 2019 | 50.35 | 47.50 | Excluded | Excluded |
| 177064 | L330-2554 | 100 | Jan 17, 2019 | 53.16 | 50.04 | 28 | Feb 14, 2019 | 53.26 | 50.22 | 16 | 17 |
| 177065 | L330-2555 | 107 | Jan 18, 2019 | 53.52 | 50.33 | 145 | Jun 12, 2019 | 53.46 | 49.62 | 48 | 49 |
| 177066 | L330-2556 | 112 | Jan 19, 2019 | 53.97 | 51.38 | 145 | Did not report |  |  | Excluded | Excluded |
| 177067 | L330-2557 | 107 | Jan 26, 2019 | 53.53 | 50.33 | 145 | Jun 20, 2019 | 53.36 | 49.86 | 36 | 38 |
| 177068 | L330-2558 | 120 | Jan 17, 2019 | 53.16 | 50.04 | 102 | Apr 29, 2019 | 53.22 | 49.97 | 8 | 9 |
| 177069 | L330-2559 | 103 | Jan 19, 2019 | 54.03 | 51.38 | 102 | May 1, 2019 | 53.95 | 51.75 | 26 | 27 |
| 177070 | L330-2560 | 117 | Jan 24, 2019 | 53.90 | 51.90 | 102 | May 7, 2019 | 53.88 | 51.79 | 8 | 7 |
| 177071 | L330-2561 | 115 | Jan 30, 2019 | 53.55 | 50.32 | 102 | May 13, 2019 | 53.40 | 49.84 | 36 | 38 |
| 177072 | L330-2562 | 123 | Jan 31, 2019 | 53.77 | 51.25 | 102 | May 17, 2019 | 53.78 | 51.34 | 6 | 7 |
| 177073 | L330-2563 | 111 | Feb 3, 2019 | 53.53 | 50.32 | 102 | Did not report |  |  | Excluded | Excluded |
| 177074 | L330-2564 | 137 | Jan 17, 2019 | 53.16 | 50.04 | 53 | Mar 11, 2019 | 53.20 | 49.93 | 9 | 10 |
| 177075 | L330-2565 | 130 | Jan 19, 2019 | 54.04 | 51.38 | 53 | Mar 13, 2019 | 49.40 | 41.17 | Excluded | Excluded |
| 177076 | L330-2566 | 122 | Jan 22, 2019 | 53.53 | 50.38 | 53 | Mar 16, 2019 | 53.58 | 49.68 | 47 | 48 |
| 177077 | L330-2567 | 109 | Jan 28, 2019 | 53.60 | 51.06 | 53 | Did not report |  |  | Excluded | Excluded |
| 177078 | L330-2568 | 124 | Jan 31, 2019 | 53.78 | 51.22 | 53 | Mar 25, 2019 | 53.84 | 51.24 | 7 | 8 |
| 177079 | L330-2569 | 100 | Feb 2, 2019 | 53.15 | 50.18 | 53 | Mar 27, 2019 | 53.17 | 50.23 | 4 | 5 |
| 177080 | 18P0369 | 122 | Jan 19, 2019 | 53.90 | 50.75 | 364 | Jan 19, 2020 | 54.03 | 50.78 | 15 | 15 |
| 177081 | 18P0371 | 139 | Jan 21, 2019 | 54.08 | 53.77 | 364 | Aug 1, 2019 | 53.23 | 50.27 | 250 | 264 |
| 177082 | 18P0372 | 113 | Jan 27, 2019 | 53.98 | 51.20 | 364 | Jan 1, 2020 | 53.65 | 49.97 | 89 | 95 |
| 177083 | 18P0374 | 111 | Jan 30, 2019 | 53.63 | 50.08 | 364 | Jan 30, 2020 | 53.40 | 49.57 | 42 | 43 |
| 177084 | 18P0375 | 105 | Feb 1, 2019 | 53.90 | 51.33 | 364 | Sep 26, 2019 | 54.59 | 34.40 | 1101 | 1231\* |
| 177085 | 18P0376 | 119 | Feb 4, 2019 | 53.38 | 51.22 | 364 | Apr 5, 2019 | 53.50 | 51.27 | 14 | 15 |
| 177086 | 18P0378 | 113 | Feb 7, 2019 | 53.25 | 50.85 | 364 | Feb 7, 2020 | 53.42 | 51.47 | 46 | 48 |
| 196749 | 19P0868 | 100 | Jan 1, 2020 | 53.28 | 50.48 | 30 | Feb 4, 2020 | 53.46 | 50.98 | 39 | 41 |
| 196750 | 19P0869 | 111 | Jan 2, 2020 | 53.50 | 50.34 | 30 | Feb 5, 2020 | 53.36 | 49.85 | 36 | 38 |
| 196751 | 19P0870 | 137 | Jan 2, 2020 | 53.50 | 50.34 | 30 | Feb 5, 2020 | 53.77 | 50.97 | 50 | 62 |
| 196752 | 19P0871 | 124 | Jan 2, 2020 | 53.94 | 50.40 | 30 | Feb 6, 2020 | 53.65 | 50.11 | 38 | 52 |
| 196753 | 19P0873 | 134 | Jan 2, 2020 | 53.93 | 50.50 | 90 | Apr 6, 2020 | 53.44 | 49.69 | 76 | 91 |
| 196754 | 19P0874 | 108 | Jan 3, 2020 | 53.61 | 51.03 | 90 | Apr 7, 2020 | 53.29 | 49.72 | 94 | 99 |
| 196755 | 19P0875 | 105 | Jan 3, 2020 | 53.60 | 51.03 | 90 | Apr 7, 2020 | 53.36 | 50.05 | 70 | 75 |
| 196756 | 19P0876 | 114 | Jan 4, 2020 | 53.22 | 50.45 | 90 | Did not report |  |  | Excluded | Excluded |
| 196757 | 19P0877 | 111 | Jan 6, 2020 | 53.65 | 50.17 | 180 | Apr 24, 2020 | 53.84 | 51.47 | 88 | 93 |
| 196758 | 19P0878 | 128 | Jan 6, 2020 | 53.65 | 50.18 | 180 | Jul 8, 2020 | 53.67 | 50.23 | 4 | 5 |
| 196759 | 19P0879 | 104 | Jan 6, 2020 | 53.62 | 50.05 | 180 | Jan 25, 2020 | 53.44 | 49.86 | 24 | 24 |
| 196760 | 19P0886 | 101 | Jan 6, 2020 | 53.63 | 50.04 | 180 | Jun 15, 2020 | 53.39 | 49.82 | 31 | 30 |
| 196761 | 19P0887 | 133 | Dec 30, 2019 | 53.34 | 50.06 | 270 | Sep 28, 2020 | 53.36 | 49.86 | 13 | 14 |
| 196762 | 19P0888 | 124 | Dec 30, 2019 | 53.46 | 50.21 | 270 | Sep 28, 2020 | 53.49 | 50.15 | 5 | 6 |
| 196763 | 19P0889 | 113 | Dec 31, 2019 | 53.79 | 51.23 | 270 | Mar 22, 2020 | 53.39 | 50.21 | 81 | 87 |
| 196764 | 19P0890 | 133 | Dec 31, 2019 | 53.76 | 51.26 | 270 | Sep 30, 2020 | 53.26 | 50.84 | 62 | 63 |
| 196765 | 19P0891 | 104 | Jan 8, 2020 | 53.18 | 50.25 | 365 | Jan 12, 2021 | 53.22 | 50.18 | 7 | 7 |
| 196766 | 19P0892 | 124 | Jan 8, 2020 | 53.20 | 50.04 | 365 | Did not report |  |  | Excluded | Excluded |
| 196767 | 19P0893 | 102 | Jan 9, 2020 | 53.63 | 50.18 | 365 | Nov 26, 2020 | 51.04 | 40.85 | 696 | 319\* |
| 196768 | 19P0895 | 97 | Jan 10, 2020 | 53.50 | 51.39 | 365 | Jul 29, 2020 | 45.01 | 12.67 | 2927 | Excluded |
| 196769 | 19P0908 | 105 | Jan 11, 2020 | 53.41 | 51.21 | 365 | Jan 14, 2021 | 53.59 | 52.88 | 113 | 119 |
| 196770 | 19P0911 | 98 | Jan 11, 2020 | 53.40 | 51.20 | 365 | Jan 14, 2021 | 53.43 | 51.02 | 12 | 12 |
| 196771 | 19P0912 | 101 | Jan 15, 2020 | 53.22 | 50.66 | 480 | Apr 4, 2021 | 53.17 | 50.32 | 24 | 24 |
| 196772 | 19P0914 | 126 | Jan 12, 2020 | 53.18 | 50.07 | 480 | May 14, 2021 | 53.23 | 50.55 | 33 | 35 |
| 196773 | 19P0915 | 105 | Jan 13, 2020 | 53.69 | 50.16 | 480 | Did not report |  |  | Excluded | Excluded |

\* denotes path distance calculation utilized the first popoff position as estimated by particle backtracking to account for the drift that had occurred

**Table 2.** Satellite tag deployment and reporting metadata for selected Patagonian toothfish that dispersed a straight-line distance of > 300 km. Popoff location is estimated by particle backtracking from the first Argos reporting location and the number of hours spent drifting

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fish ID/ Argos PTT** | **Total length (cm)** | **Release date** | **Release latitude (°S)** | **Release longitude (°W)** | **Reporting latitude (°S)** | **Reporting longitude (°W)** | **Reporting date** | **Popoff initiated** | **Burn time (hour)** | **Drift time (hour)** | **Estimated popoff latitude (°S)** | **Estimated popoff longitude (°W)** |
| **177062** | 105 | Jan 17, 2019 | 53.13 | 50.05 | 50.76 | 54.12 | Feb 15, 2019 07:48 | Feb 13, 2019 20:49 | 3.0 | 32 | 51.06 | 54.47 |
| **177084** | 105 | Feb 01, 2019 | 53.90 | 51.33 | 54.59 | 34.40 | Sep 26, 2019 07:32 | Sep 25, 2019 20:00 | 7.5 | 4 | 54.62 | 34.38 |
| **196767** | 102 | Jan 09, 2020 | 53.63 | 50.18 | 51.04 | 40.85 | Nov 26, 2020 19:30 | Drifting since Nov 03, 2020 | Floater | 554 | 53.05 | 45.88 |