

## Fisheries NZ – Interaction projects

### Projects from the last 3 years



| Code        | Title   | Stage       | Comments  |
|-------------|---|-------------|---|
| PRO2016-06  | Spatially explicit risk assessment query and simulation tool  | Contracted  | Due to deliver by early 2019  |
| PMM2018-04A | Estimate spatial distributions for at-risk marine mammals to assess fisheries overlap and risk: fur seals                   | Tendered    |   |
| PMM2018-04B | Estimate spatial distributions for at-risk marine mammals to assess potential fisheries overlap and risk: South Island NZSL | Tendered    |   |
| PMM2018-07  | Updated spatially explicit fisheries risk assessment for New Zealand marine mammal populations                              | Proposed    | we still plan to tender this.   |
| PMM2018-09  | Desktop estimation of pinniped cryptic mortality in trawls using SLEDs  | In Progress | Due to deliver by mid 2019  |
| PSB2018-09  | Monitoring trial: comparing observers vs Electronic Monitoring (EM) for seabirds on FMA1 bottom longline vessels            | Proposed    | (SNA1, BNS1)  |
| PSB2018-13  | Multi-threat risk assessment for yellow-eyed penguin  | Proposed    | Looking for AEWG review of the 3 Hoiho projects to provide clarity about whether there is sufficient data to progress this. |

### Proposed 2019 projects

| Code        | Title  | cost estimate | Duration |
|-------------|--|---------------|----------|
| PMM2019-01  | Estimation of total captures of marine mammals   | 100,000       | 3 yr     |
| PMM2019-05A | Factors affecting population-specific fisheries interactions and risk for New Zealand killer whales          | 125,000       | 2 yr     |
| PMM2019-10  | Update Campbell Island NZSL PST estimation   | 15000         | 1 yr     |
| PMM2019-11  | Targeted deployment/ audit of GPR or camera trials to estimate marine mammal risk in key fisheries/locations | 200,000       | 2 yr     |
| PRO2019-01  | Preparation of a groomed dataset of commercial effort and protected species captures                         | 250,000       | 3 yr     |
| PRO2019-02  | Maintenance of PSC website displaying estimates from PSB2019-01 and PMM2019-01                               | 75,000        | 3 yr     |
| PSB2019-01  | Estimation of total captures of seabirds using standardised estimation methods                               | 100,000       | 3 yr     |
| PSB2019-02  | Distributional study of Antipodean Albatross using satellite reporting GPS tags                              | 250,000       | 2 yr     |
| PSB2019-03  | Distributional study of other at-risk seabirds using satellite reporting GPS tags                            | 125,000       | 2 yr     |
| ZBD2019-11  | Experimental disturbance of seabed to record sediment effects on benthos including coral.                    | 200,000       | 2yr      |

## Fisheries NZ – Population projects

### Projects from the last 3 years



| Code        | Title   | Stage       | Comments                                      |
|-------------|---|-------------|---|
| PRO2016-09  | Abundance and distribution of Hector's dolphin on South Coast South Island                            | Contracted  | Due to Deliver by Jan 2019                    |
| PRO2017-01A | Research into the demographic parameters for at-risk seabirds as identified by the RA (black petrels) | Contracted  | Due to deliver by Dec 2019                    |
| PMM2018-11  | Update Auckland Islands NZ sea lion population model  | Tendered    |   |
| PRO2018-01  | Protected species population dynamics model and simulations to estimate PST                           | In Progress | Due to deliver by mid 2019                    |
| PSB2018-01A | Research into the demographic parameters for Antipodean albatross                                     | In Progress | Due to deliver by mid 2019 (STN1, BIG1, SWO1) |

### Proposed 2019 projects

| Code       | Title   | cost estimate | Duration |
|------------|---|---------------|----------|
| PSB2019-02 | Distributional study of Antipodean albatross using satellite reporting GPS tags                 | 250,000       | 2yr      |
| PSB2019-03 | Distributional study of other at-risk seabirds using satellite reporting GPS tags               | 150,000       | 2yr      |
| PSB2019-04 | Black petrel population monitoring and distribution study                                       | 100,000       | 1 yr     |
| ZBD2019-01 | Quantifying benthic habits part 2.  | 750,000       | 2yr      |
| PSB2019-XX | Literature review of methodologies used to derive distribution layers based on tracking studies |               |          |

## Fisheries NZ – Mitigation projects

Projects from the last 3 years



| Code       | Title  | Stage    | Comments  |
|------------|--|----------|---|
| PSB2018-14 | Development and testing of mitigation techniques to reduce penguin captures in setnets | Proposed | Discussions occurring with Fisheries Management on the scope of this work |

Proposed 2019 projects