

# Summary of dataset

## Project Summary

<b>Dataset title</b>	PSB2019-06/07 Review footage collected from the 18/19 Black Petrel Electronic Monitoring Programme and continue for the 19/20 summer
<b>Dataset id</b>	6942
<b>Dataset type</b>	Merged datasets
<b>Project code</b>	PSB2019-06 (Dragonfly Limited )
<b>Project / Objective</b>	PSB2019-06/07 Review footage collected from the 18/19 Black Petrel Electronic Monitoring Programme and continue for the 19/20 summer
<b>Processed date</b>	2021-02-04
<b>Completeness</b>	
<b>Access constraints</b>	Confidentiality and sensitivity restrictions may apply
<b>Stored data volume</b>	228 KB
<b>Available data formats</b>	CSV
<b>Stored data formats</b>	
<b>Stored data locations</b>	R:\Wellington\Mfish_final_data

The merged dataset archived as a single zip file, which includes two csv files, formatted to assist linking to the Protected Species Captures (PSC) database:

File "em\_reviewed\_events.csv" contains statutory fishing events (i.e. events present in the MPI Enterprise Data Warehouse [EDW]) that have been reviewed for seabird captures using video observation. This includes reviewed bottom longline fishing events in FMA 1 with reported target species BNS, GUR, HPB, KAH, KIN, LIN, RBY, RIB, RRC, RSN, SCH, SKI, SNA, SWO, TAR, TRE (SNA targeting predominates). Field names include:

- source\_identifier\_key: whether the statutory fishing event data was recorded on a paper form (1) or via the Electronic Reporting regime (2)
- fishing\_event\_key: event key in MPI's EDW database
- vessel\_name: vessel name, backup linking field in case event keys change
- event\_start\_datetime: event start date/time, backup linking field in case event keys change
- hauling\_duration: calculated from the statutory data; only interpretable as a real hauling duration in the ER data
- hauling\_footage\_duration: duration of available footage, within the haul period
- quality\_score: footage quality score for the haul
- n\_seabird\_captures\_em: number of seabird captures identified via video observation
- expert\_review\_comments: review- level comments recorded by the seabird expert, consolidated across all the capture periods on the haul that were identified for expert review

File "em\_seabird\_captures.csv" contains the seabird captures identified by the video observation process. Field names include:

**Dataset  
comments**

- source\_db: source of the review data. "ems" indicates the video observation database operated by Trident Systems LP (for the 2016/17 and 2017/18 reviewing) and "ems2" the system operated by Dragonfly for 2018/19 and 2019/20 reviewing. Included to provide a unique capture event in conjunction with event\_id or unique review identifier in conjunction with review\_id
- event\_id: integer indicating the protected species capture event in the video observation database
- review\_id: integer identifying the review that generated the capture event
- source\_identifier\_key: together with fishing\_event\_key identifies the statutory fishing event during which the capture occurred.
- fishing\_event\_key: together with identifier identifies the statutory fishing event during which the capture occurred.
- vessel\_name: vessel name
- fishing\_event\_start\_datetime: start time of the linked fishing event
- capture\_event\_start: start time of the capture event
- capture\_event\_end: end time of the capture event
- capture\_event\_start\_lat: estimated latitude of the capture event start
- capture\_event\_start\_lon: estimated longitude of the capture event start
- species\_code: species captured, per expert review
- quantity: number of seabirds captured
- status: status (alive/dead) of seabirds captured
- fate: fate (retained/released) of seabirds captured
- comments : capture event-level comments by expert reviewer

Note that the project focusses on the Nov-May period each year. The PSB2019-06 generated the data from 2018-19 and 2019-20; the data from 2016-17 and 2017-18 were provided by Trident Systems LP.

Note: any BLL events in FMA 1 with a target species of SWA were recoded to SNA

## Contact

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<b>Contact position</b>	Research Data Manager
<b>Contact Organisation</b>	Ministry for Primary Industries
<b>Custodian position</b>	Data Manager
<b>Custodian organisation</b>	National Institute of Water and Atmospheric Research Limited
<b>Steward organisation</b>	Ministry for Primary Industries

## Data source

<b>Data provider</b>	Dragonfly Limited
<b>Dataset beginning date</b>	2016-11-24
<b>Dataset ending date</b>	2020-06-07
<b>Reference information</b>	

# Data loading

Progress	complete
Provision date	2021-02-03
Creation User Name	formanj
Creation User Position	
Creation Date	2021-03-01 03:21:50+13
Update User Name	formanj
Update User Position	
Update Date	2021-03-01 22:02:29+13

# Species

Code	Sci name	Com name	Oth name	Notes	Family com	Family sci	Max length	Mtab code
XLB	Eudyptula minor	Little blue penguin	Korora	New record added 20Dec2007.	Penguins	Spheniscidae		
XSB		Seabird		UNSPECIFIED. CAUGHT BY FISHING GEAR AVOID USING IF POSSIBLE				2148
XBP	Procellaria parkinsoni	Black petrel	Parkinson's petrel	THREATENED/ENDANGERED. CAUGHT BY FISHING GEAR	Petrels, shearwaters and fulmars	Procellariidae		2121
XBS	Puffinus bulleri	Bullers shearwater		CAUGHT BY FISHING GEAR	Petrels, shearwaters and fulmars	Procellariidae		2122
XFS	Puffinus carneipes	Flesh-footed shearwater	TOANUI	CAUGHT BY FISHING GEAR	Petrels, shearwaters and fulmars	Procellariidae		2129
XFL	Puffinus gavia	Fluttering shearwater		CAUGHT BY FISHING GEAR	Petrels, shearwaters and fulmars	Procellariidae		2127
XSA	Thalassarche salvini	Salvin's albatross	SHY ALBATROSS	CAUGHT BY FISHING GEAR. PREV DIOMEDIA S	Albatrosses	Diomedidae		2147
XSH	Puffinus griseus	Sooty shearwater		CAUGHT BY FISHING GEAR	Petrels, shearwaters and fulmars	Procellariidae		2150
XSW	Puffinus spp.	Shearwaters (unidentified)		New record 14Jan10	Petrels, shearwaters and fulmars	Procellariidae		
XWM	Thalassarche cauta steadi	White capped albatross	SHY ALBATROSS, New Zealand white capped mollymawk. New Zealand white capped albatross	Sci name updated 21JULY2004 to Thalassarche steadi, prev Diomedea cauta steadi. Sci name updated 16MAY2024, prev Thalassarche steadi.	Albatrosses	Diomedidae		2162
XBG	Larus dominicanus dominicanus	Black-backed gull	KARORO		Gulls	Laridae		2119

# Regions

Region identifier	Region name	Location description	Region category
AKE	Auckland East	East North Is. from North Cape to Bay of Plenty (FMA 1)	Region category 1, includes NZ FMAs and stat areas

# Voyages

Code Description Leader Start date End date Platform id