

OCEAN TRAWL – FISH NORTHERN ZONE

ARAKIWA SEABIRD MANAGEMENT PLAN

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Hazard summary

Vessel owner: Paul Bagnato
Vessel name: Arakiwa
Port of registration: Sydney
Vessel symbol: LFB13160
Vessel type: Stern Trawler
Vessel length: 16m

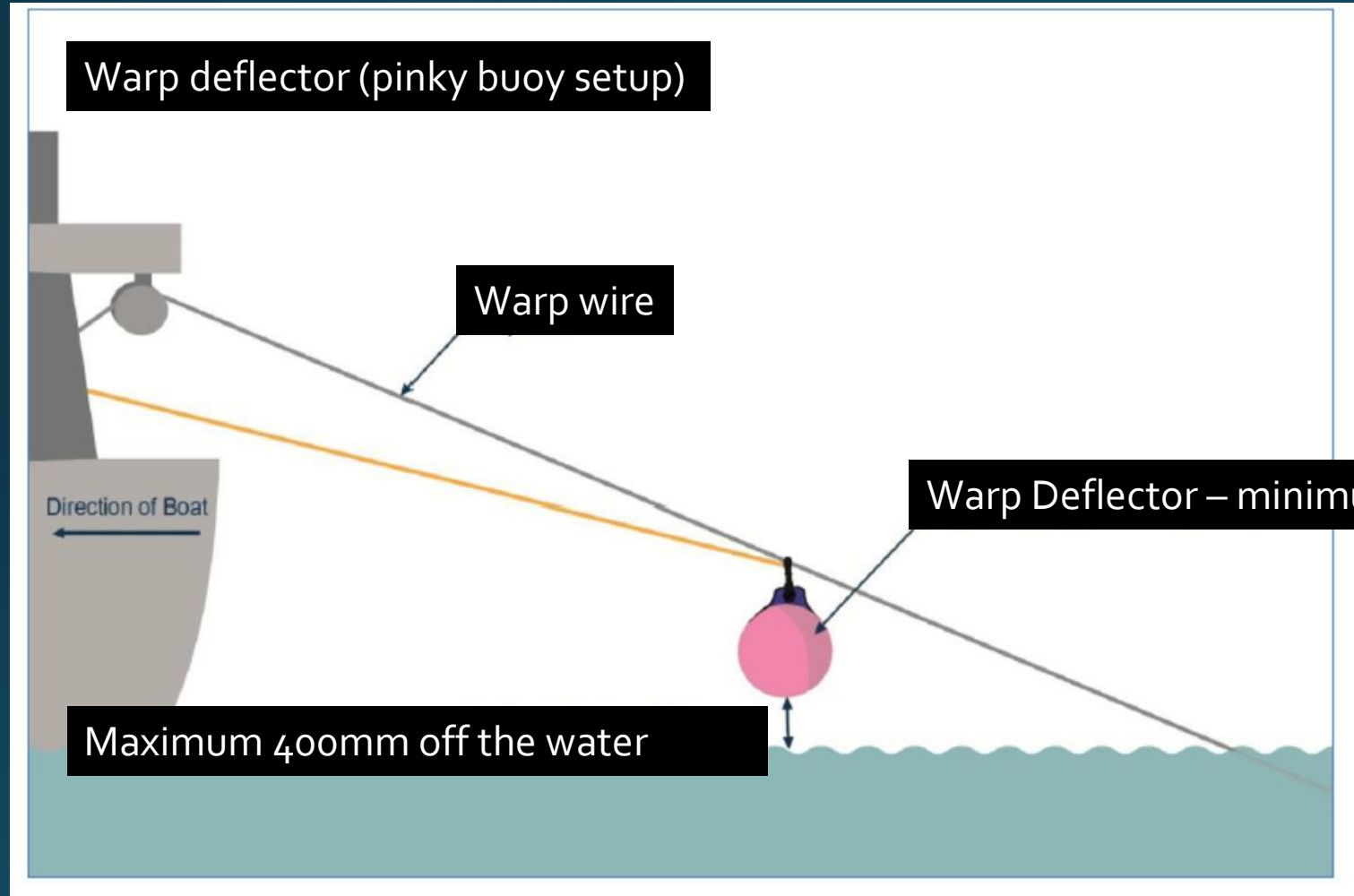
Hazard	Threat to seabirds
Warp wires	Contact through mid air collisions
	Surface contact and drowning
	Snagging on warp sprags

VESSEL MITIGATION ACTIONS

The following mitigation actions are considered by the skipper and crew of Arakiwa

MITIGATION ACTIONS	DETAILS
Discharge management	Where seabirds are present, do not discharge biological material when fishing gear is in the water
Deploy warp deflector	The skipper and crew shall ensure that warp deflectors (pink buoys) are attached to the warps where there is potential of threat to seabirds

Warp deflector configuration



<https://www.afma.gov.au/sites/default/files/uploads/2014/12/Seabird-Mitigation-Assessment-Report.pdf>

Threatened species interaction reporting

NSW DPI Commercial Fisheries
Threatened and/or Protected Species Interaction Reporting Form



FB. Number	1234XYZ	FB. Owner Name	John and Bob Fisherman	FB. Owner Registration No.	5678
Fisher Registration Number	9876	Fisher's Name	John Fisherman		

Date	Time (am/pm)	Location Code		Name of Location (e.g. Nearest Town or Headland)	Endorsement Code	Method Code	Threatened/Protected Species Code	Weight (kg.) *	Length (cm.) *	Condition Code *
		Latitude	Or / Longitude							
01/10/2020	7.15am	3208'	152041'	Forster	OTFN	OTF	SALB	1	1	HLTHY

Condition Codes

HLTHY = Caught, released alive and healthy

DISTR = Caught, released alive but distressed/injured

DEAD = Caught, discarded dead

CONT = Contact with gear but not captured

SIGHT = Sightings (reporting not mandatory)

*Estimate these fields only where possible

COMMENTS

If known, please record the sex (female / male), life history stage (adult / juvenile) and the species name of individuals in the 'other' animals of interest category. Please also record tag numbers if applicable and details of the incident i.e. stage of the fishing procedure when the animal was entangled (setting, hauling, etc.) and where in the gear was the species tangled (codend, bunt, wings, hook, etc.). How was the animal entangled (flipper, mouth, wing, etc)? How was the animal released (lowered by hand, cut out of net, etc)?

An adult Shy Albatross landed near the warp on the port side of the boat. The bird contacted the warp but appeared uninjured as it flew away. A pinky buoy was deployed to minimise any further interactions when the bird returned a short time later.

Please return original to: Fisheries NSW (Catch Records), PO Box 4157, Coffs Harbour Jetty NSW 2450.
Retain duplicate for your own records. New forms are available from your local fisheries office or by contacting Fisheries NSW (Catch Records) or downloading the form from the DPI website www.dpi.nsw.gov.au

Fisher Business Owner /
Authorised Fisher Signature: J Fisherman DATE: 01 10 20

Threatened or protected species codes

THREATENED AND/OR PROTECTED SPECIES CODES

FISH SPECIES

Common Name	Species Code
Australian bass	ABAS
Australian grayling	AGRA
Ballina angelfish	BALA
Black cod	BCOD
Blue groper	BGRO
Eastern blue devil fish	EBDF
Elegant wrasse	EWRA
Estuary cod	ECOD
Estuary perch	EPER
Queensland groper	GQLG
Great white shark	GWSH
Green sawfish	GSAW
Grey nurse shark	GNSH
Herbsts nurse shark	HNSH
Macquarie perch	MPER
Silver perch	SPER
Southern bluefin tuna	SBFT
Trout cod	TCOD
Weedy sea dragon	WSDR

SEABIRDS

Common Name	Species Code
Antipodean albatross	AALB
Australasian bittern	ABIT
Beach stone-curlew	BSCU
Black bittern	BBIT
Black-browed albatross	BBAL
Black-tailed godwit	BTGO
Black-winged petrel	BWPE
Broad-billed sandpiper	BBSA
Buller's albatross	BUAL
Bush stone-curlew	CURL
Campbell albatross	CAAL
Collared kingfisher	CKIN
Comb-crested jacana	CCJA

SEABIRDS CONTINUED

Common Name	Species Code
Fleshy-footed shearwater	FFSW
Freckled duck	FDUC
Gibson's albatross	GIAL
Gould's petrel	GPET
Great knot	GKNO
Greater sand plover	GSPL
Grey ternlet	GTER
Hooded plover	HPLO
Indian yellow-nosed albatross	IYAL
Kermadec petrel (western)	KPET
Lesser sand plover	LSPL
Little shearwater	LSHE
Little tern	LTER
Mangrove honey eater	MHEA
Masked booby	MBOO
Northern giant-petrel	NGPE
Northern royal albatross	NRAL
Osprey	OSPR
Pacific albatross	PAAL
Pied oystercatcher	POYS
Providence petrel	PPET
Red-tailed tropicbird	RTTB
Sanderling	SAND
Shy albatross	SALB
Sooty albatross	SOAL
Sooty oystercatcher	SOYS
Sooty tern	STER
Southern giant petrel	SGPE
Southern royal albatross	SRAL
Terek sandpiper	TSAN
Tristan albatross	TRAL
Wandering albatross	WALB
White tern	WTER
White-bellied storm-petrel	WBSP
White-capped albatross	WCAL

POPULATIONS/COMMUNITY

Common Name	Species Code
Little penguin population north harbour aquatic reserve	LPEN

MAMMALS

Common Name	Species Code
Dugong	DUGO
Fur seal (please specify)	FSEA
Blue whale	BWHA
Humpback whale	HWHA
Southern right whale	SRWH
Sperm whale	SPWH

REPTILES

Common Name	Species Code
Green turtle	GREE
Hawksbill turtle	HAWK
Leatherback turtle	LEAT
Loggerhead turtle	LOGG

OTHER ANIMALS OF INTEREST

Common Name	Species Code
Freshwater tortoise	TORT
Marlin species	MARL
Southern bluefin tuna	SBT
Other large sea bird	LBIR
Other small sea bird	SBIR
Other whale /dolphin	WA/ DL
Other seal	SEAL
Other turtle	TURT
Seahorse, pipefish, sea dragon, ghost pipefish, pipehorse	SYNG
Sea snake	SNAK

Please specify species name of "other" animals of interest in the comments section.

The "Threatened and/or Protected Species Interaction Reporting Form" is to be used to report interactions you have with species of conservation interest during any fishing operations undertaken. An interaction is an incident where the animal comes into contact, is entangled or captured during a fishing operation.

If you require a description of the relevant species to assist in identification you should refer to the NSW DPI website. Alternatively, you can also refer to the brochure "Threatened and/or Protected Species Identification Guide for Fishers".

Legislative Requirements

Recording of interactions with threatened or protected species is a requirement under each Fishery Management Strategy. Each fishing business with endorsement/permits in a commercial fishery must collect information on their interactions with threatened and/or protected species.

Other Requirements

There is a requirement to report deaths or injury of any species on this list. Please contact one of the following departments/organisations

- National Parks and Wildlife Service: (02)9585 6444
- Australian Seabird Rescue: (02) 6686 2852
- NSW Department of Primary Industries: (02) 4982 1232
- Taronga Zoo: (02) 9969 2777

These organisations may also wish to collect additional information from dead animals for research purposes.