

Seabird/Mammal-Risk Management Plan

F.V. XXXX
SEA20170285

Owner:
Skipper:
Skipper: Stern Trawler
Vessel Type: ZM
Call Sign:
Port of Reg:
Length (LOA):
GRT:
Hold Capacity:

This Vessels Warp Mitigation Device

Pictures of :

DWG - Risk Management Information- Hoki Trawler

Date: XX 2014

Why	Industry recognises it's important that we minimise the risk of protected species bycatch	
Seabird/Mammal Capture Info	At times fishing operations and seabirds/mammals foraging overlap. Numbers & species of seabirds/mammals depending on; time of year, region and fishery. Offal & fish waste discharged and fish hauled in the trawl attract them to feed in areas which increases the risk of capture:	
Seabirds	<ol style="list-style-type: none"> 1. Offal & fish waste enter the warp danger zone in the path of the warp; then birds feeding get struck by the warp, or fly into the warp and 2. When hauling or shooting, fish in the trawl or stickers left in meshes cause birds to dive into the trawl net, or get tangled in top meshes and drown 3. When hauling or shooting, mammals/seals dive into the trawl mouth and drown 	
Mammals		
Event/Action	Problem	Vessel Specific Procedures
Offal/fish waste discharge	Attracts greater numbers of animals to vessel & fishing gear	Batching Fish Waste: Gut offal into pound board 'tank' (generally holds offal for full tow) when possible hold for entire tow, or when capacity reached batch discharge at intervals when towing 'batching' (No continuous discharge) Reduce the amount of time offal & fish waste is in the warp danger zone.
Seabird Warp Strike	Caught by sprags/splice, birds stuck by warps	Deploy Port & Stb warp devices at all times when towing and batch discharging fish waste. Whip sprags, wrap splices and keep splices away from the water surface.
Net Captures (Mammal & birds)	Birds/Seals dive into the trawl. Birds also tangle in top meshes	Don't discharge offal/fish waste when hauling & shooting Remove fish stickers from the trawl-net prior to shooting Minimise the time the trawl gear is near or on the surface Close gear if doing doors-up turns (doors to surface when turning 180d)
Handle/Release Alive	Injury from bird/mammal bite	Make every effort to ensure birds are handled carefully & released alive Use gloves & eye protection, big birds can inflict a nasty bite. Don't attempt to handle mammals, use water hose/netting to guide them back to sea
Reporting	Non compliance with regulations	Report all captures in, Non-Fish Protective Species Catch Return (NFPSR) Return captures to the sea (unless otherwise instructed by Mfish observer) Capture =taken alive/injured or dead
Information	Lack of knowledge	Carry onboard - Protected Species Handbook for Inshore Vessels John Cleal delivered environment best -practise information to the skipper
Multiple Capture	Incident management	Take action to reduce risk of further capture events.) Call or text- John Cleal - 021 305825 for advice