

# FINAL REPORT

## Protected species interactions reported in Commonwealth Fishery logbooks for the period **1 July to 30 September 2013**

Under the *Environment Protection and Biodiversity Conservation (EPBC) Act 1999* it is an offence for any person to undertake an activity in a Commonwealth area that results in the unintentional death, injury, trading, taking, keeping or moving of a species listed under the EPBC Act. However, the Act specifies certain actions are not offences, including actions undertaken in accordance with an accredited management plan or regime. All Commonwealth managed fisheries have been assessed and accredited under the Act on the basis that the management plan or regime includes all reasonable steps to ensure that members of protected species are not adversely affected by the fishing operation. As long as operators are fishing in accordance with the fishery management arrangements it is not an offence to interact with a protected species. It is, however, an offence not to report these interactions.

A Memorandum of Understanding (MOU) between the Australian Fisheries Management Authority (AFMA) and the Department of the Environment (DoE) allows AFMA to report interactions with protected species in AFMA managed fisheries on behalf of fishers.

AFMA periodically provides summary reports on protected species interactions to DoE. The record of protected species interactions for AFMA managed fisheries as reported in fishery logbooks for the period **1 July to 30 September 2013** is below. This report is compiled from official logbook records submitted to AFMA by fishers (concession holders). Logbook data is not routinely verified and therefore AFMA cannot attest to the accuracy of this data nor authenticate that this data is a complete record of all interactions occurring in the mentioned fisheries.

Final reports are published on the AFMA website at: <http://www.afma.gov.au/managing-our-fisheries/environment-and-sustainability/protected-species/>

Threatened, Endangered and Protected (TEP) species management fact sheets available on the AFMA website provide information on how TEP species interactions are minimised including specific mitigation measures currently in place, thereby providing a useful context for the quarterly reports.

Should you require further information regarding these reports, please contact:

Sara Murphy  
Senior Environment Officer  
Australian Fisheries Management Authority  
Tel: (02) 6225 5555  
Email: Sara.murphy@afma.gov.au

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### Eastern Tuna and Billfish Fishery

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Longline								
	Leatherback Turtle	2	2			Hooked	Turtles were successfully released using dehooker.	
	Longfin Mako**	2				Hooked	-	
	Porbeagle Shark**	4		2		Hooked	-	
	Shortfin Mako**	631		463		Hooked	-	
	<b>Total interactions</b>	<b>639</b>	2	465		172		

## Heard Island and McDonald Island Fishery

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Longline	Cape Petrel	1	1				Collision with vessel	-
	Fur Seal (unclassified)	2		2			Hooked	-
	Southern Elephant Seal	4		4			Entangled	All seals were entangled in the mainline
	Southern Giant Petrel	2	1	1			Hooked/collision with vessel	One petrel was foul hooked in leg and released alive. One petrel was found dead after collision with mast.
Trawl	Cape Petrel	1		1			Entangled	Petrel appeared to have meshed in the trawl during net setting. At the time a number of birds were present on deck in a heavy snow squall.
	<b>Total interactions</b>	<b>10</b>	2	8				

## Northern Prawn Fishery

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Trawl	Common Dolphin*	1	1				Entangled	The dolphin's tail was tangled in try net lazy line. Released and swam away unharmed.
	Dwarf Sawfish	2	2				Entangled	-
	Green Sawfish	33	27	6			Entangled	-
	Narrow Sawfish	33	27	6			Entangled	-
	Sawfishes (unclassified)	128	109	11	8		Entangled	-
	Seahorses and Pipefishes	122	58	64			Entangled	-
	Seasnakes (unclassified)	3065	2300	405	85	351	Entangled	-
	Flatback Turtle	3	3				Entangled	-
	Green Turtle	11	11				Entangled	-
	Hawksbill Turtle	1		1			Entangled	-
	Loggerhead Turtle	3	3				Entangled	-
	Pacific (Olive) Ridley Turtle	5	5				Entangled	-
	Turtles (unclassified)	10	9	1			Entangled	-
	<b>Total interactions</b>	<b>3493</b>	2555	494	93	351		

### Southern and Eastern Scalefish and Shark Fishery - Gillnet, Hook & Trap Sector

Gear Type	Common name	Total	Life status				Interaction type#	Comments
			Alive	Dead	Injured	Unknown		
Mechanised handline	Shortfin Mako**	2		2			Hooked	-
Gillnet	Dolphins (unclassified)*	3	1	2			Netted	-
	Shortfin Mako**	4		4			Netted	-
	White Shark*	2	2				Netted	-
Longline	Porbeagle Shark**	2		2			Hooked	-
	Shortfin Mako**	4		4			Hooked	-
	<b>Total interactions</b>	<b>17</b>	3	14				

### Southern and Eastern Scalefish and Shark Fishery - Commonwealth Trawl Sector

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Bottom OtterTrawl	Australian fur seal	26	13	13			Entangled	-
	Seals (unclassified)	14	2	12			Entangled	-
	Shy Albatross	3		3			Collision warp wires	-
	White shark*	1	1					
Midwater Otter Trawl	Australian fur seal	2		2			Entangled	-
Danish Seine	Seals (unclassified)	2	1	1				
	<b>Total interactions</b>	<b>48</b>	17	31				

## Torres Strait Prawn Fishery

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Trawl	Narrow Sawfish	1	1				Entangled	-
	Seasnakes (unclassified)	513	354	1		158	Entangled	-
	<b>Total interactions</b>	<b>514</b>	355	1		158		

## Western Tuna and Billfish Fishery

Gear Type	Common name	Total	Life status				Interaction type <sup>1</sup>	Comments
			Alive	Dead	Injured	Unknown		
Longline	Shortfin Mako**	51		12		39	Hooked	-
	<b>Total interactions</b>	<b>51</b>		12		39		

<sup>1</sup> Interaction type assumed where not recorded based on fishery method (hooked for longlines, entangled for trawling, netted for gillnets)

\* Interactions previously reported to DoE via triggered reporting

\*\* Listed as Migratory species under Part 13 of the EPBC Act on 29 January 2010

## Fisheries recording no interactions

<b>Fishery</b>	<b>Notes</b>
Bass Strait Central Zone Scallop Fishery	
Coral Sea Fishery	One vessel active in July
East Coast Deepwater Trawl	One vessel active in July
Macquarie Island Toothfish Fishery	
Norfolk Island Fishery (Offshore)	No fishing activity
North West Slope Trawl Fishery	No fishing activity
Southern Bluefin Tuna Fishery	
Southern and Eastern Scalefish and Shark Fishery - Great Australian Bight Trawl Sector	
Small Pelagic Fishery	
Southern Squid Jig Fishery	No fishing activity
Torres Strait Fisheries (excluding prawn) – all methods	
Western Deepwater Trawl Fishery	One vessel active in August