

FINAL REPORT

Protected species interactions reported in Commonwealth Fishery logbooks for the period **1 April to 30 June 2019**

This is a final report which the Australian Fisheries Management Authority (AFMA) has provided to the Department of the Environment and Energy (DoEE) on behalf of Commonwealth fishers. This report is compiled from official logbook records submitted to AFMA by fishers (concession holders). The final report will be published on the AFMA website at [Protected Species Interaction Reports](#).

Under a Memorandum of Understanding (MOU) between AFMA and DoEE, AFMA periodically provides a summary of logbook reports of interactions with protected species in AFMA managed fisheries to the DoEE on behalf of fishers.

AFMA is now publishing preliminary reports (as well as final reports) on the AFMA website to allow interested stakeholders to have earlier access to this information. There may be minor differences between preliminary and final reports due to late submissions of logbooks to AFMA.

The preliminary report of protected species interactions for AFMA managed fisheries as reported in fishery logbooks for the period **1 April to 30 June 2019** is below. This report has been provided to the DoEE and 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 these fisheries.

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

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Protected species interactions reported in Commonwealth Fishery logbooks for the period **1 April to 30 June 2019**

Eastern Tuna and Billfish Fishery

Gear Type	Common name	Total	Life status				Interaction type1
			Alive	Dead	Injured	Unknown	
Pelagic longline	Albatross	26	12	14			Hooked
	Birds	4	4				Hooked
	Cape Petrel	1		1			Hooked
	Common Dolphin	1	1				Hooked
	Dolphins	1		1			Hooked
	False Killer Whale	2	2				Hooked
	Green Turtle	23	21	2			Hooked
	Hawksbill Turtle	3	1	2			Hooked
	Leatherback Turtle	22	21	1			Hooked
	Loggerhead Turtle	2	1	1			Hooked
	Longfin Mako	2		2			Hooked
	New Zealand Fur Seal	1	1				Hooked
	Pacific (Olive) Ridley Turtle	2	2				Hooked
	Shearwaters	4		4			Hooked
	Shortfin Mako	394		146		248	Hooked
	Short-finned Pilot Whale	1	1				Hooked
	Shy Albatross	1		1			Hooked
	Silky Shark	10				10	Hooked
	Turtles	4	4				Hooked
	Whales (mixed)			1			Hooked

	Wandering Albatross	1		1			Hooked
	Total interactions	505	71	177	0	258	

Western Tuna and Billfish Fishery

Gear Type	Common name	Total	Life status				Interaction type[1]
			Alive	Dead	Injured	Unknown	
Pelagic longline	Albatrosses	1		1			Hooked
	Flesh Footed Shearwater	2	2				Hooked
	Leatherback Turtle	3	3				Hooked
	Loggerhead Turtle	3	2		1		Hooked
	Pacific (Olive) Ridley Turtle	4	4				Hooked
	Porbeagle	3				3	Hooked
	Shearwaters	1				1	Hooked
	Shortfin Mako	38				38	Hooked
	Short-finned Pilot Whale	1	1				Hooked
	Total interactions	56	12	1	1	42	

Southern and Eastern Scalefish and Shark Fishery - Commonwealth Trawl Sector

Gear Type	Common name	Total	Life status				Interaction type1
			Alive	Dead	Injured	Unknown	
Bottom otter trawl	Albatross	12	2	9	1		Entangled
	Australian Fur Seal	31	5	26			Entangled
	Common Dolphin	5		5			Entangled
	Petrel Prions & Shearwaters	1	1				Entangled
	Seals	8	4	4			Entangled
Danish seine (trawl fishery)	Australian Fur Seal	1	1				Entangled
	Seals	4	1	3			Entangled
Midwater otter trawl	Seals	1		1			Entangled
Total interactions		63	14	48	1	0	

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

Gear Type	Common name	Total	Life status				Interaction type1	Comments
			Alive	Dead	Injured	Unknown		
Set autolongline	Shortfin Mako	1	-	1	-	-	Netted	
	Shy Albatross	1	1	-	-	-	Netted	
Set gillnet	Albatross	1	1	-	-	-	Netted	
	Australian Fur Seal	8	5	3	-	-	Netted	
	Australian Sea Lion	1	-	1	-	-	Netted	
	Birds	1	-	1	-	-	Netted	
	Bottlenose Dolphin	4	-	4	-	-	Netted	
	Common Dolphin	1	-	1	-	-	Netted	
	Cormorants	1	-	1	-	-	Netted	
	Dolphins	3	-	3	-	-	Netted	
Little Penguin	1	-	1	-	-	Netted		

	New Zealand Fur Seal	2	-	2	-	-	Netted	
	Petrels Prions & Shearwaters	1	1	-	-	-	Netted	
	Red Cormorant	1	-	1	-	-	Netted	
	Seals	4	1	3	-	-	Netted	
	Shortfin Mako	19	-	14	-	5	Netted	
	White Shark	4	3	1	-	-	Netted	
Set longline	Shortfin Mako	4	-	4	-	-	Hooked	
	Total interactions	58	12	41	0	5		

Gear Type	Common name	Total	Life status				Interaction type ¹	Comments
			Alive	Dead	Injured	Unknown		
Set autolongline	Shortfin Mako	1	-	1	-	-	Netted	
	Shy Albatross	1	1	-	-	-	Netted	
Set gillnet	Albatross	1	1	-	-	-	Netted	
	Australian Fur Seal	8	5	3	-	-	Netted	
	Australian Sea Lion	1	-	1	-	-	Netted	
	Birds	1	-	1	-	-	Netted	
	Bottlenose Dolphin	4	-	4	-	-	Netted	
	Common Dolphin	1	-	1	-	-	Netted	
	Cormorants	1	-	1	-	-	Netted	
	Dolphins	3	-	3	-	-	Netted	
	Little Penguin	1	-	1	-	-	Netted	
	New Zealand Fur Seal	2	-	2	-	-	Netted	
	Petrels Prions & Shearwaters	1	1	-	-	-	Netted	
	Red Cormorant	1	-	1	-	-	Netted	
	Seals	4	1	3	-	-	Netted	
	Shortfin Mako	19	-	14	-	5	Netted	
	White Shark	4	3	1	-	-	Netted	
Set longline	Shortfin Mako	4	-	4	-	-	Hooked	
	Total interactions	58	12	41	0	5		

Small Pelagic Fishery

Gear Type	Common name	Total	Life status				Interaction type1
			Alive	Dead	Injured	Unknown	
Midwater otter trawl	Common dolphin	3	1	2			Entangled
	New Zealand fur seal	4		4			Entangled
	Total interactions	7	1	6			

Northern Prawn Fishery

Gear Type	Common name	Total	Life status				Interaction type1
			Alive	Dead	Injured	Unknown	
Bottom Prawn Trawl	Dwarf Sawfish	2	2	-	-	-	Entangled
	Freshwater Sawfish	1	1	-	-	-	Entangled
	Green Sawfish	1	1	-	-	-	Entangled
	Green Turtle	2	2	-	-	-	Entangled
	Narrow Sawfish	24	24	-	-	-	Entangled
	Sawfishes	46	45	-	-	1	Entangled
	Seahorses & Pipefishes	10	1	7	-	2	Entangled

	Seasnakes	783	529	218	1	35	Entangled
	Turtles	4	4	-	-	-	Entangled
	Total interactions	873	609	225	1	38	

Gear Type	Common name	Total	Life status				Interaction type ¹
			Alive	Dead	Injured	Unknown	
Bottom Prawn Trawl	Dwarf Sawfish	2	2	-	-	-	Entangled
	Freshwater Sawfish	1	1	-	-	-	Entangled
	Green Sawfish	1	1	-	-	-	Entangled
	Green Turtle	2	2	-	-	-	Entangled
	Narrow Sawfish	24	24	-	-	-	Entangled
	Sawfishes	46	45	-	-	1	Entangled
	Seahorses & Pipefishes	10	1	7	-	2	Entangled
	Seasnakes	783	529	218	1	35	Entangled
	Turtles	4	4	-	-	-	Entangled
	Total interactions	873	609	225	1	38	

Gear Type	Common name	Total	Life status				Interaction type ¹
			Alive	Dead	Injured	Unknown	
Bottom Prawn Trawl	Dwarf Sawfish	2	2	-	-	-	Entangled
	Freshwater Sawfish	1	1	-	-	-	Entangled
	Green Sawfish	1	1	-	-	-	Entangled
	Green Turtle	2	2	-	-	-	Entangled
	Narrow Sawfish	24	24	-	-	-	Entangled
	Sawfishes	46	45	-	-	1	Entangled
	Seahorses & Pipefishes	10	1	7	-	2	Entangled
	Seasnakes	783	529	218	1	35	Entangled
	Turtles	4	4	-	-	-	Entangled
	Total interactions	873	609	225	1	38	

Torres Strait Prawn Fishery

Gear Type	Common name	Total	Life status				Interaction type ¹
			Alive	Dead	Injured	Unknown	
Bottom shrimp trawl (prawn trawl)	Green Turtle	1	1				Entangled
	Seasnakes	224	122	1	1	100	Entangled
	Total interactions	281	159	0	0	122	

Macquarie Island Toothfish Fishery

Gear Type	Common name	Total	Life status		Interaction type ²
			Alive	Dead/Injured	
Demersal longline	Porbeagle Shark	18	9	9	Hooked
	Total interactions	18	9	9	

Heard Island and McDonald Islands Fishery

Gear Type	Common name	Total	Life status		Interaction type ²
			Alive	Dead/Injured	
Demersal trawl	Porbeagle Shark	1	0	1	Hooked
Demersal longline	Grey Petrel	1	0	1	Hooked
	Southern Giant Petrel	1	1	0	Entangled
	Total interactions	3	0	2	

¹ Interaction type assumed where not recorded based on fishery method (hooked for longlines, entangled for trawling, netted for gillnets). AFMA does not assume “collision” in the case that interaction type information is not available, however these assumed interaction types may include collisions.

² Interaction types reported in the Southern Ocean are not assumed (as per footnote 1).

Fisheries recording no interactions

Fishery	Notes
Bass Strait Central Zone Scallop Fishery	Some fishing occurring
East Coast Deepwater Trawl	Some fishing occurring
Great Australian Bight Trawl Sector	Some fishing occurring
High Seas Fishery (SIOFA area of waters)	No fishing occurring
High Seas Fishery (SPRFMO area of waters)	Some fishing occurring
CCAMLR Exploratory Fisheries	No fishing occurring
Norfolk Island Fishery (Offshore)	No fishing occurring
North West Slope Trawl Fishery	Some fishing occurring
Southern Bluefin Tuna Fishery	Some fishing occurring
Southern Squid Jig Fishery	Some fishing occurring
Torres Strait Fisheries (excluding prawn) – all methods	Some fishing occurring

Western Deepwater Trawl Fishery	No fishing occurring
Coral Sea Fishery	No fishing occurring

Attachment 1

Live broodstock collection permit

The collection of live Black tiger prawns (*Penaeus monodon*) from the Northern Prawn Fishery occurs under separate permits to provide the aquaculture industry with broodstock, in accordance with obligations under Offshore Constitutional Settlements with Queensland, the Northern Territory and Western Australia. While these permits have been utilised for some time, there have been very low reported interactions with TEP species. As data from these trips is not required to be recorded exclusively on an official AFMA logbook it has not been stored in the AFMA catch database. As a result, these interactions were not reported by AFMA in the past. However, after industry reported a substantial increase in sawfish interactions in the second half of 2018, AFMA is now including data from broodstock collection trips in its quarterly reports to DoEE.

Gear Type	Common name	Total	Life status				Interaction type ¹
			Alive	Dead	Injured	Unknown	
Bottom Prawn Trawl	Unidentified Sawfishes	2	2	-	-	-	Entangled
	Unidentified Seasnake	29	28	1	-	-	Entangled
	Narrow Sawfish	11	1	9	-	1	Entangled

Total interactions	42	31	10	0	1
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