

# Animal Tracking - Acoustic Tagging - data currently available via the portal



## Data summary - Detections by project - report run on Thursday 28 June 2018

<b>Headers:</b>	Type of funding.
<b># installations:</b>	Total number of installations. An installation is a configuration of multiple receivers generally identified by a geographic location.
<b># stations:</b>	Total number of receiving stations. A receiving station is a location within an installation where a receiver is deployed.
<b># deployments:</b>	Total number of receiver deployments.
<b># releases:</b>	Total number of animals released by each project.
<b># tag detections:</b>	Number of detections for tags released by each project.
<b># transmitters:</b>	Number of transmitters detected across all receivers.
<b># detections:</b>	Total number of detections recorded across all receivers.
<b>% unregistered transmitters:</b>	Number of unregistered transmitters detected at a given receiving station as a percentage of the total number of transmitters (i.e. % unregistered transmitters = Number of unregistered transmitters/Total number of transmitters x 100.)
<b>% unregistered detections:</b>	Number of detections of unregistered tags at a given receiving station as a percentage of the total number of detections (i.e. % unregistered detections = Number of detections of unregistered transmitters/Total number of detections x 100.)
<b>Last deployment:</b>	Latest receiver deployment date (format: dd/mm/yyyy).
<b>Last detection:</b>	Last detection date (format: dd/mm/yyyy).
<b># years of data:</b>	Number of years between the earliest and latest detection dates.
<b>Animal Tracking Facility:</b>	<a href="http://imos.org.au/animaltracking.html">http://imos.org.au/animaltracking.html</a> ; web app: <a href="https://animaltracking.aodn.org.au/">https://animaltracking.aodn.org.au/</a> .

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
--------------	-----------------	------------	---------------	------------	------------------	----------------	--------------	------------------------------	----------------------------	-----------------	----------------	-----------------

### IMOS Receiver Pool

Coral Sea Nautilus tracking project	1	5	17	20	144,878	0	0	null	null	25/05/2008	null	null
Rowley Shoals reef shark tracking 2007	1	15	15	36	26,733	121	34,646	14.9	0.2	12/12/2007	22/10/2008	0.9
Seven Gill tracking in Coastal Tasmania	1	71	118	88	82,330	478	97,374	22.8	15.6	25/05/2009	25/09/2009	1.8
The Yongala's Halo of Holes - Who is Digging It	1	10	4	0	0	0	0	null	null	09/11/2007	null	null
Wenlock River Array, Gulf of Carpentaria	1	107	316	233	3,425,824	5,262	5,105,432	42.3	23.8	07/12/2015	02/08/2016	8

### Fully Co-Invested

AIMS Heron VPS	0	0	0	0	0	0	0	null	null	null	null	null
AIMS Scientific Zone	1	15	16	27	2,114,750	1,349	3,237,642	75.9	7.7	06/12/2011	31/10/2012	2.2
ARI - Glenelg River	0	0	0	0	0	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
Assessing the Effectiveness of Shark Nursery Area Closures for the Protection of Conservation of Coastal Shark Species	0	0	0	0	0	0	0	null	null	null	null	null
Bamboosharks in Singapore	0	0	0	0	0	0	0	null	null	null	null	null
Bluefin tuna GAB	3	43	0	0	0	0	0	null	null	null	null	null
Bluefin tuna WA	0	0	0	762	78,425	0	0	null	null	null	null	null
Blue Groper habitat mapping Kangaroo Island	1	10	26	20	59,098	0	0	null	null	19/10/2009	null	null
Bruce Barker's project	1	72	70	0	0	0	0	null	null	24/11/2009	null	null
Chondrichthyan monitoring of south-east Australia	1	1	0	181	821,736	0	0	null	null	null	null	null
Clever Buoy Shark Detection System	1	2	2	0	0	0	0	null	null	15/02/2016	null	null
Condamine River Acoustic Tagging Project	0	0	0	0	1	0	0	null	null	null	null	null
CSIRO: Animal Tagging	5	120	180	91	610,232	2,335	1,129,704	16.6	15.4	02/06/2017	21/11/2017	8
CSIRO: Animal Tagging 2	0	0	0	138	373,996	0	0	null	null	null	null	null
CSIRO Gladstone Harbour	1	47	47	47	1,650,216	852	1,658,760	9.9	0.4	05/11/2013	21/06/2016	3.1
Diadromous fish movements in the O'Connell R, central Qld	1	34	40	90	1	0	0	null	null	03/09/2015	null	null
DNRM QLD Test Tags	0	0	0	0	418,639	0	0	null	null	null	null	null
Ecocean Ningaloo whale shark project	0	0	0	24	2,951	0	0	null	null	null	null	null
Environmental drivers of residency patterns in three batoid species	0	0	0	0	0	0	0	null	null	null	null	null
Extinct and endangered species	0	0	0	0	0	0	0	null	null	null	null	null
Fitzroy and Ashburton River, WA sawfish monitoring	1	19	0	0	0	0	0	null	null	null	null	null
FRDC WA commercial sharks	0	0	0	200	207,538	0	0	null	null	null	null	null
FSRF Acoustic network	0	0	0	26	16	0	0	null	null	null	null	null
Galapagos shark movement patterns in the Lord Howe Island Marine Park	1	12	10	30	0	0	0	null	null	23/01/2018	null	null
Giant Shovelnose	0	0	0	20	5,234	0	0	null	null	null	null	null
Moreton Bay Grey Nurse Shark_Diver Interactions	1	0	0	0	0	0	0	null	null	null	null	null
Gulf St Vincent monitoring	8	70	176	115	964,165	1,159	968,412	16.7	0.7	30/07/2013	22/07/2014	4.3
Gummy shark and Southern fiddler ray - VIC	0	0	0	19	1,437	0	0	null	null	null	null	null
Hammerhead sharks of SEQ	0	0	0	0	0	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
Harlequin fish habitat mapping Kangaroo Island	1	7	21	10	1	0	0	null	null	23/01/2011	null	null
IMOS-ATF Bondi line	1	30	232	0	125	2,107	708,388	16.2	0.3	08/05/2018	07/05/2018	9.4
IMOS-ATF Bondi range experiment 2009	1	10	10	0	4,858,409	489	1,975,165	69.5	0.0	15/12/2008	07/08/2009	0.6
IMOS-ATF Cabbage Tree Bay Aquatic Reserve (CTBAR)	1	14	120	62	2,784,380	1,770	8,027,482	55.4	26.6	05/10/2017	03/10/2017	9.3
IMOS-ATF Coffs Harbour line	1	30	112	0	0	1,121	30,250	4.7	1.4	14/11/2017	12/11/2017	7.8
IMOS-ATF / CSIRO Ningaloo Reef Ecosystem Tracking Array (NRETA)	6	146	1,133	473	4,490,147	8,563	5,446,566	15.8	3.6	04/12/2017	02/12/2017	10
IMOS-ATF Glenelg line	1	10	88	0	0	172	70,240	33.7	1.3	10/09/2015	04/04/2016	7.6
IMOS-ATF Heron Island	1	44	382	216	3,617,948	3,191	3,719,020	14.3	2.9	12/06/2018	07/06/2018	7.8
IMOS-ATF Narooma line	1	10	73	0	0	730	731,453	18.2	0.3	09/02/2018	07/02/2018	6
IMOS-ATF One Tree Island	1	21	217	83	380,211	709	420,608	13.8	13.9	12/06/2018	15/05/2018	7.7
IMOS-ATF Orpheus Island	2	67	393	120	4,393,749	3,294	5,225,798	22.1	9.6	06/10/2015	05/10/2015	4.8
IMOS-ATF / OTN Cape Barren Island Line Tasmania	1	42	57	0	0	54	664	9.3	1.5	22/10/2013	11/04/2015	2.4
IMOS-ATF / OTN Maria Island Line Tasmania	1	30	150	0	0	222	3,064	5.4	0.7	25/04/2018	12/04/2018	6.1
IMOS-ATF / OTN Perth Line	1	78	377	0	0	1,338	86,820	79.4	96.1	19/04/2016	23/03/2017	7.9
IMOS-ATF Port Stephens	0	0	0	0	0	0	0	null	null	null	null	null
IMOS-ATF Rowley shoals	1	30	114	51	588,583	1,121	548,652	5.8	0.2	07/04/2015	02/09/2016	4.9
IMOS-ATF Scott reef	1	18	60	25	224,430	305	257,098	5.6	0.0	16/04/2015	06/09/2016	4.8
IMOS-ATF Sydney Gate	1	4	40	0	0	743	411,211	14.3	0.3	21/12/2017	21/12/2017	8
IMOS-ATF VR2AR tags	0	0	0	0	3,902,931	0	0	null	null	null	null	null
JCU Cleveland Bay	1	63	3	233	873,922	0	0	null	null	16/03/2009	null	null
JCU coral trout temperature thresholds Great Barrier Reef	0	0	0	0	0	0	0	null	null	null	null	null
JCU Low Isles	0	0	0	40	12	0	0	null	null	null	null	null
JCU Moreton Bay dugong movement	1	31	165	18	23,676	1,060	122,410	53.2	63.0	25/05/2015	08/10/2015	3.4
Lane Cove River Australian Bass	1	8	8	10	26	0	0	null	null	10/12/2015	null	null
Leopard shark Stegostoma East Coast	0	0	0	18	12,522	0	0	null	null	null	null	null
Logan River Catadromous Fish Migration	1	28	79	228	2,924,240	1,258	2,857,539	26.1	0.0	09/12/2014	02/03/2015	1.9
Logan River TERN network	1	32	92	88	1,405,075	1,145	1,642,851	8.7	2.6	22/10/2013	21/10/2013	1.6
Mangrove Jack in NSW	1	29	29	52	647,183	154	475,569	10.4	0.0	14/04/2013	20/02/2014	2
Moreton Bay Bull Shark Movements	0	0	0	0	0	0	0	null	null	null	null	null
MQ Blue groper 2013	0	0	0	0	0	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
MQ Bronte-Coogee Aquatic reserve (BCAR)	2	20	77	30	308,653	893	811,701	27.2	27.8	18/12/2013	10/10/2014	5.3
MQ Port Jackson shark movements and social networks	2	3	6	124	2,512,917	67	216,598	29.9	8.7	13/06/2018	22/11/2017	1.4
Mud crab manual tracking in Moreton Bay Marine Park	0	0	0	0	0	0	0	null	null	null	null	null
Mud Crab Tracking Logan River	0	0	0	23	63,850	0	0	null	null	null	null	null
New Zealand white shark tracking	1	25	0	45	186	0	0	null	null	null	null	null
Ningaloo Manta Tracking	0	0	0	39	36,898	0	0	null	null	null	null	null
Ningaloo Shark Nursery	1	12	12	37	584,116	756	2,211,278	14.3	0.2	26/03/2013	29/05/2014	1.2
NSW DPI (Artificial Reef Network)	4	31	61	138	976,691	553	857,517	15.2	0.0	15/06/2015	15/10/2016	4.9
NSW DPI Coastal and Estuarine Fish Tracking (CEFT)	11	276	719	689	5,245,364	9,609	6,399,653	30.1	24.2	27/03/2014	03/07/2014	5.1
NSW DPI Edward Wakool	1	0	0	0	0	0	0	null	null	null	null	null
NSW DPI Jervis Bay	1	69	251	116	1,915,927	2,376	4,377,752	29.4	2.0	10/05/2018	21/03/2018	6
NSW DPI Movements of Coastal Sharks	5	113	569	45	406,473	4,415	3,825,925	22.1	5.1	19/09/2016	14/10/2016	6.4
NSW DPI - SEACAMS	22	60	208	12	450,534	306	34,280	39.5	15.0	17/06/2017	05/05/2017	9
NSW DPI Shark Meshing Program	0	0	0	0	0	0	0	null	null	null	null	null
NSW DPI (Whaler, White and Tiger Shark Program)	0	0	0	386	60,533	0	0	null	null	null	null	null
NT Freshwater Sawfish status mortality and movements	0	0	0	0	0	0	0	null	null	null	null	null
Obi Obi Creek fish and turtle tracking project	1	42	195	57	5,957,253	405	6,617,231	45.2	3.6	26/10/2015	23/10/2015	2.4
Palau grey reef sharks monitoring	1	15	0	0	0	0	0	null	null	null	null	null
Parrotfish and Brassy Chub OIRS 2011	0	0	0	32	327,211	0	0	null	null	null	null	null
Port Stephens Marine Park tracking project	3	41	87	29	3,536,621	1,920	3,345,872	58.0	0.1	11/10/2012	09/07/2012	1.8
QLD Large Shark Tagging Program	0	0	0	5	385	0	0	null	null	null	null	null
Rabbitfish territory fidelity - north Queensland	1	18	0	30	0	0	0	null	null	null	null	null
Redthroat emperor movement (Capricorn-Bunkers)	0	0	0	60	73,870	0	0	null	null	null	null	null
Richard Pillans's project	0	0	0	0	0	0	0	null	null	null	null	null
Roper River Array	1	28	6	4	256,916	3	256,915	0.0	0.0	15/09/2015	11/01/2017	1.3
Scaling of Animal Space Use	0	0	0	0	0	0	0	null	null	null	null	null
Sevengill Shark tracking in Victoria	0	0	0	61	591	0	0	null	null	null	null	null
Shark and ray movements patterns at Ningaloo Reef	0	0	0	110	2,033,769	0	0	null	null	null	null	null
Shark Monitoring Network	0	0	0	0	0	0	0	null	null	null	null	null

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
Spangled Emperor at Heron Island	1	10	40	15	136,224	263	160,834	1.5	0.0	06/07/2015	03/07/2015	1.1
Stingray Diaries Acoustic tracking of short-tail stingrays	1	3	2	17	119,888	0	0	null	null	21/10/2017	null	null
Townsville Reefs	19	77	288	347	2,199,629	2,392	2,395,773	15.1	5.0	04/02/2015	27/10/2014	3.2
Tracking Snapper in Port Phillip Bay	0	0	0	0	0	0	0	null	null	null	null	null
UQ grey nurse shark project	6	22	6	21	2,324	60	4,442	21.7	23.5	22/11/2015	04/07/2016	4.6
UQ Project Manta east Australia	2	10	88	85	589,216	412	737,426	24.0	19.4	15/06/2014	11/05/2014	5.1
VIC Fisheries Snapper - Port Phillip Bay	1	47	95	155	843,516	815	895,829	24.4	1.0	07/03/2013	16/09/2013	1.8
Victor Harbour monitoring	1	5	9	0	0	8	321	87.5	98.8	01/11/2016	15/10/2016	0.5
WA commercial sharks	0	0	0	0	0	0	0	null	null	null	null	null
WA tiger shark tracking	0	0	0	15	3,487	0	0	null	null	null	null	null

	IMOS receiver pool	IMOS funded and co-invested	Fully co-invested	TOTAL
<b>Total number of projects:</b>	5	null	98	103
<b>Total number of installations:</b>	5	null	143	148
<b>Total number of receiving stations:</b>	208	null	2154	2362
<b>Total number of receivers deployed:</b>	470	null	7241	7711
<b>Total number of animal releases:</b>	377	null	6,244	6,621
<b>Total number of detections:</b>	5,237,452	null	72,904,713	78,142,165

### Other statistics:

Number of projects for which no receiver was deployed and no tag was released:	22
Number of projects for which receivers were deployed but no detection has been uploaded to the database:	19
Number of protected projects:	1
Number of projects for which receivers have been deployed during the past year:	13