

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



## Data summary - Detections by project - report run on Monday 08 January 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
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### 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	78,375	404	91,085	21.5	14.2	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	2,222,927	4,007	3,434,156	40.5	22.1	07/12/2015	02/08/2016	8

### IMOS funded and co-invested

AATAMS Bondi line	1	30	217	0	125	1,471	636,612	18.7	0.2	25/09/2017	08/07/2017	8.6
AATAMS Bondi range experiment 2009	1	10	10	0	4,799,970	489	1,975,165	69.5	0.0	15/12/2008	07/08/2009	0.6
AATAMS Cabbage Tree Bay Aquatic Reserve	1	14	120	62	2,782,717	1,770	8,027,482	55.5	26.6	05/10/2017	03/10/2017	9.3

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
(CTBAR)												
AATAMS Coffs Harbour line	1	30	112	0	0	1,121	30,250	4.9	1.4	14/11/2017	12/11/2017	7.8
AATAMS / CSIRO Ningaloo Reef Ecosystem Tracking Array (NRETA)	6	146	1,110	473	4,448,592	8,066	5,395,540	14.2	3.5	04/12/2017	11/12/2016	9.1
AATAMS Glenelg line	1	10	88	0	0	172	70,240	33.7	1.3	10/09/2015	04/04/2016	7.6
AATAMS Heron Island	1	44	357	216	3,560,962	3,075	3,645,087	12.1	2.5	27/05/2017	26/05/2017	6.8
AATAMS Narooma line	1	10	64	0	0	414	725,982	22.5	0.1	17/02/2017	17/02/2017	5
AATAMS / Ocean Tracking Network Perth Line	1	78	337	0	0	1,198	84,025	77.1	96.0	07/03/2014	06/03/2015	5.9
AATAMS One Tree Island	1	21	206	83	379,940	670	420,317	10.0	13.9	28/05/2017	19/05/2017	6.8
AATAMS Orpheus Island	2	67	369	120	4,344,759	3,261	5,176,114	21.7	9.7	22/09/2015	09/03/2015	4.3
AATAMS / OTN Maria & Flinders Island Lines Tasmania	2	72	193	0	0	239	3,313	4.2	0.5	07/07/2017	18/06/2017	5.3
AATAMS Port Stephens	0	0	0	0	0	0	0	null	null	null	null	null
AATAMS Rowley shoals	1	30	114	51	588,583	1,121	548,652	5.8	0.2	07/04/2015	02/09/2016	4.9
AATAMS Scott reef	1	18	60	25	224,430	305	257,098	5.6	0.0	16/04/2015	06/09/2016	4.8
AATAMS Sydney Gate	1	4	40	0	0	743	411,211	14.8	0.4	21/12/2017	21/12/2017	8
AATAMS VR2AR tags	0	0	0	0	3,902,842	0	0	null	null	null	null	null

## 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
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	78,424	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	810,788	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
CSIRO: Animal Tagging	5	120	180	91	610,156	2,285	1,092,415	16.2	15.8	02/06/2017	21/11/2017	8

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
CSIRO: Animal Tagging 2	0	0	0	138	337,076	0	0	null	null	null	null	null
CSIRO Gladstone Harbour	1	47	47	47	756,969	547	757,161	4.8	0.0	05/11/2013	08/11/2013	0.5
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	1,901	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	205,990	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	0	0	0	0	0	0	null	null	null	null	null
Giant Shovelnose	0	0	0	20	5,234	0	0	null	null	null	null	null
Moreton Bay Grey Nurse Shark_Diver Interactions	0	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
Harlequin fish habitat mapping Kangaroo Island	1	7	21	10	1	0	0	null	null	23/01/2011	null	null
JCU Cleveland Bay	1	63	3	233	873,915	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	23,675	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	0	0	0	18	11,884	0	0	null	null	null	null	null
Stegostoma East Coast	0	0	0	18	11,884	0	0	null	null	null	null	null
Logan River Catadromous Fish Migration	1	28	79	228	2,924,240	1,258	2,857,539	26.2	0.0	09/12/2014	02/03/2015	1.9
Logan River TERN network	1	32	92	88	1,404,699	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

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MQ Bronte-Coogee Aquatic reserve (BCAR)	2	20	77	30	308,629	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	4	124	1,698,840	67	216,598	29.9	8.7	10/07/2017	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	36,897	0	0	null	null	null	null	null
Ningaloo Shark Nursery	1	12	12	37	582,960	756	2,211,274	14.3	0.2	26/03/2013	29/05/2014	1.2
NSW DPI (Artificial Reef Network)	4	31	61	138	976,634	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	5,241,580	9,609	6,329,784	30.1	23.4	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	54	220	116	1,865,117	1,925	3,377,095	26.8	1.9	13/07/2017	13/07/2017	5.3
NSW DPI Movements of Coastal Sharks	5	113	569	45	405,758	4,415	3,825,925	22.8	5.2	19/09/2016	14/10/2016	6.4
NSW DPI - SEACAMS	22	60	204	12	444,094	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	339	48,834	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	5,953,326	405	6,613,304	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	588	0	0	null	null	null	null	null
Shark and ray movements patterns at Ningaloo Reef	0	0	0	110	2,035,982	0	0	null	null	null	null	null
Shark Monitoring Network	0	0	0	0	0	0	0	null	null	null	null	null

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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	0	0	0	17	0	0	0	null	null	null	null	null
Townsville Reefs	19	77	288	347	2,199,607	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	588,598	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	2,653	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	17	79	101
<b>Total number of installations:</b>	5	22	119	146
<b>Total number of receiving stations:</b>	208	584	1540	2332
<b>Total number of receivers deployed:</b>	470	3397	3634	7501
<b>Total number of animal releases:</b>	377	1,030	5,137	6,544
<b>Total number of detections:</b>	3,559,887	27,407,088	43,228,889	74,195,864

### 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:	17
Number of protected projects:	1
Number of projects for which receivers have been deployed during the past year:	13