

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



Data summary - Detections by project - report run on Thursday 31 August 2017

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

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	144,792	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	77,027	365	89,390	21.4	14.0	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	2,075,591	3,794	3,216,068	41.1	21.4	07/12/2015	29/05/2016	7.8

IMOS funded and co-invested

AATAMS Bondi line	1	30	215	0	125	1,452	636,505	22.2	0.3	12/05/2017	08/05/2017	8.4
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	118	62	2,744,801	1,754	7,622,431	56.6	28.0	11/01/2017	11/01/2017	8.6

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	99	0	0	615	24,524	12.7	1.6	17/10/2016	09/10/2016	6.7
AATAMS / CSIRO Ningaloo Reef Ecosystem Tracking Array (NRETA)	6	146	1,105	473	4,448,591	8,066	5,395,539	14.2	3.5	14/12/2016	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	12.4	2.5	27/05/2017	26/05/2017	6.8
AATAMS Narooma line	1	10	64	0	0	414	725,941	23.9	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	420,316	10.4	13.9	28/05/2017	19/05/2017	6.8
AATAMS Orpheus Island	2	67	369	120	4,344,758	3,261	5,176,114	22.4	9.7	22/09/2015	09/03/2015	4.3
AATAMS / OTN Maria & Flinders Island Lines Tasmania	2	72	193	0	0	235	3,245	4.3	0.6	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	36	0	0	631	307,246	11.4	0.1	25/11/2016	24/11/2016	6.9
AATAMS VR2AR tags	0	0	0	0	3,805,209	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	76.0	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	78,423	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	799,753	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	4	91	103	91	412,197	1,187	659,554	13.2	4.5	08/07/2015	31/08/2016	6.7

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	139	256,783	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	14	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
Giant Shovelnose Moreton Bay	0	0	0	20	5,234	0	0	null	null	null	null	null
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	964,161	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	873,912	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	122,398	57.8	64.4	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	10,986	0	0	null	null	null	null	null
Logan River Catadromous Fish Migration	1	28	79	228	2,924,240	1,258	2,857,538	26.2	0.0	09/12/2014	02/03/2015	1.9
Logan River TERN network	1	32	92	88	1,404,698	1,145	1,600,270	10.0	2.7	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
MQ Bronte-Coogee Aquatic reserve (BCAR)	2	20	77	30	308,510	893	811,690	29.9	27.8	18/12/2013	10/10/2014	5.3

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MQ Port Jackson shark movements and social networks	2	2	2	104	773,334	20	63,627	5.0	0.0	10/07/2017	29/10/2016	0.3
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	63,020	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	741	2,209,484	14.3	0.2	26/03/2013	29/05/2014	1.2
NSW DPI (Artificial Reef Network)	4	31	61	138	976,566	553	857,501	15.7	0.0	15/06/2015	15/10/2016	4.9
NSW DPI Coastal and Estuarine Fish Tracking (CEFT)	11	276	719	689	5,221,527	9,554	6,326,272	30.3	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	188	116	168,463	845	899,746	32.3	6.0	12/05/2017	01/03/2015	3
NSW DPI Movements of Coastal Sharks	5	113	569	45	236,697	4,406	3,818,054	28.0	9.2	19/09/2016	14/10/2016	6.4
NSW DPI - SEACAMS	1	0	0	12	16,149	0	0	null	null	null	null	null
NSW DPI (Whaler, White and Tiger Shark Program)	0	0	0	121	36,097	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	45.4	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	3,536,500	1,920	3,345,864	59.6	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	0	0	0	0	0	0	0	null	null	null	null	null
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	139	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
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
Townsville Reefs	19	77	288	347	2,199,599	2,392	2,395,773	15.9	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

Project name	# installations	# stations	# deployments	# releases	# tag detections	# transmitters	# detections	% un-registered transmitters	% un-registered detections	Last deployment	Last detection	# years of data
UQ grey nurse shark project	6	22	6	21	7	28	948	25.0	6.6	22/11/2015	16/08/2015	2.9
UQ Project Manta east Australia	2	10	88	85	588,040	412	737,426	25.7	19.6	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
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
Total number of projects:	5	17	75	97
Total number of installations:	5	22	94	121
Total number of receiving stations:	208	584	1417	2209
Total number of receivers deployed:	470	3371	3304	7145
Total number of animal releases:	377	1,030	4,869	6,276
Total number of detections:	3,340,104	26,892,128	39,814,896	70,047,128

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:	12