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**2017 ANNUAL SCIENTIFIC OBSERVER REPORT FOR
CHINA TUNA LONGLINE FISHERY IN THE IATTC
CONVENTION AREA**

CPC OBSERVER ANNUAL REPORT FOR THE YEAR 2017 IN THE

IATTC CONVENTION AREA

CHINA

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1. Trip description

Longline is the only fishing gear for the Chinese tuna fishery in the EPO. For the year 2017, China conducted eleven (11) longline observer trips in the IATTC convention area (east of 150°W). More than 1100 fishing days were observed during these trips (**Table 1**). The Chinese observer trips were mostly carried out in the second half year. This is the period in which Chinese observers are suitable to be sent out due to the availability of such observers. Some of the Chinese observer trips for the EPO area are shared with those for the WCPFC area (west of 150°W), i.e., the same observer with the same longline vessel do observations across the boundary of longitude line of 150°W. Sets of the observer trips which deployed in the WCPO area were removed.

The observed set stations for the completed trips are shown in **Figure 1**. These trips targeted albacore or bigeye tuna using circle hook.

Table 1 Information of four Chinese LL observer trips in the IATTC area for 2017

Trips	Observed fishing days	Observed hooks	Observation period	Observation area
Trip 1	85	274,680	Oct12,2017- Jan 04,2018	15~32°S,110~122°W
Trip 2	62	170,667	Sep 26,2017- Dec 25,2017	7~21°S,108~135°W
Trip 3	56	196,336	Sep 23,2017- Nov 28,2017	12~20°S,114~135°W
Trip 4	99	335,426	Jun 15,2017- Oct 16,2017	14~34°S,107~ 144°W
Trip 5	88	195,312	Jul 22,2017- Oct 24,2017	7~13°S,119~ 133°W
Trip 6	80	287,812	Nov 11,2017- Feb14,2018	14~21°S,114~ 132°W
Trip 7	98	185,390	Jun 25,2017- Oct 24,2017	0~12°N,103~ 141°W
Trip 8	62	148,536	Nov 06,2017- Jan 26,2018	11 °N ~4°S,120~ 145°W
Trip 9	173	340,697	Jun 13,2017- Dec 26,2017	3°N ~14°S,126~ 149°W
Trip10	173	622,053	Jul 06,2017- Mar 09,2018	12~32°S,109~ 135°W
Trip11	161	462,429	Jul 06,2017- Mar 09,2018	12~33°S,109~ 135°W

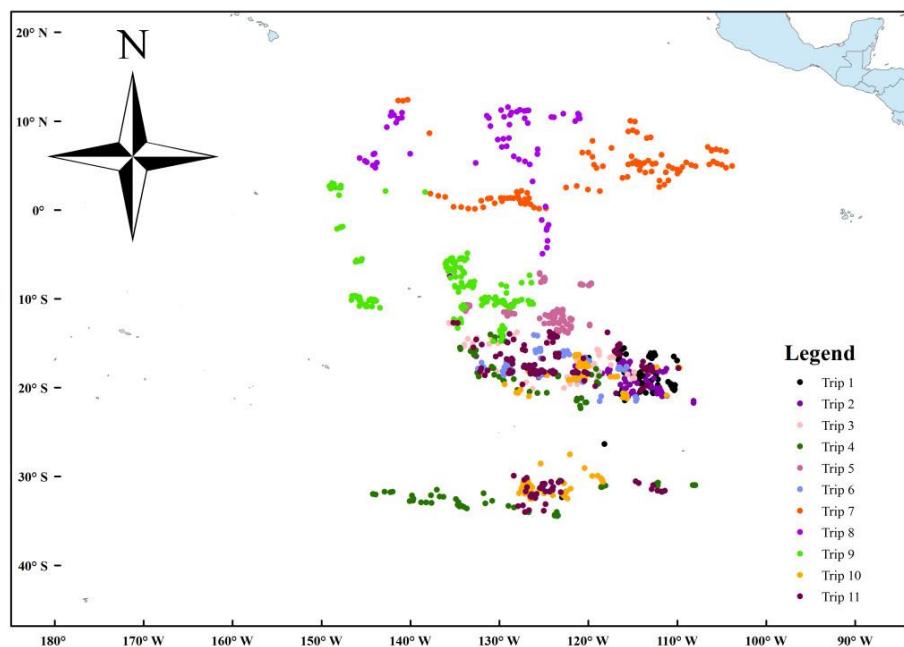


Fig. 1 Set stations of eleven Chinese longline observer trips for 2017

2. Observer coverage

Because the total fishing effort of China for the fishing year 2017 has not been estimated by now, the observer coverage with fishing days will not be calculated until the fishery data compilation for the year 2017 is completed. It is anticipated that the coverage will exceed 5%.

3. Total catch and catch composition

For each trip, the onboard observer recorded effort (hooks), catch by species, and size composition by species for all the target and bycatch species including sharks, sea turtles and birds. Gender and other biological information (e.g., maturity) were also examined for randomly sampled individuals. The proportion of baskets observed for each set was about 80-90%, due to long hauling time.

The observed catches in number for each trip, including target and bycatch species, are listed in **Table 2**.

There were four individuals of seabird incidentally captured in Trip 4. Twenty-seven turtles were incidentally captured in Trip 7 and Trip 8. Oceanic whitetip sharks were released or discarded as soon as possible when they are incidentally caught.

Table 2 Observed catch and composition during observer Trip 1

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	5781	0.8111
<i>Thunnus albacares</i>	Yellowfin tuna	207	0.0290
<i>Thunnus obesus</i>	Bigeye tuna	97	0.0136
<i>Katsuwonus pelamis</i>	Skipjiack tuna	168	0.0236
<i>Xiphias gladius</i>	Swordfish	11	0.0015
<i>Makaira mazara</i>	Indo-Pacific Blue marlin	7	0.0010
<i>Tetrapturus audax</i>	Striped Marlin	28	0.0039
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	258	0.0362
<i>Alepisaurus ferox lowe</i>	Longnose lancetfish	114	0.0160
<i>Lampris guttatus</i>	Opah	61	0.0086
<i>Taractes rubescens</i>	Dagger pomfret	1	0.0001
<i>Taractichthys steindachneri</i>	Sickle pomfret	1	0.0001
<i>Lepidocybium flavobrunneum</i>	Escoler	72	0.0101
<i>Gempylus serpens</i>	Snake mackerel	4	0.0006
<i>Acanthocybium solandri</i>	Wahoo	157	0.0220
<i>Coryphaena hippurus</i>	Dolphinfish	56	0.0079
<i>Alopias superciliosus</i>	Bigeye thresher	1	0.0001
<i>Isurus oxyrinchus</i>	Shortfin mako	1	0.0001
<i>Prionace glauca</i>	Blue shark	41	0.0058
<i>Dasyatis violacea</i>	Sting ray	60	0.0084
Total		7127	1.0000

Table 3 Observed catch and composition during observer Trip 2

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore *	2081	0.6316
<i>Thunnus albacares</i>	Yellowfin tuna	98	0.0298
<i>Thunnus obesus</i>	Bigeye tuna	62	0.0188
<i>Katsuwonus pelamis</i>	Skipjiack tuna	60	0.0182
<i>Xiphias gladius</i>	Swordfish	17	0.0005
<i>Makaira mazara</i>	Blue marlin	37	0.0112
<i>Tetrapturus audax</i>	striped marlin	3	0.0009
<i>Shortbill spearfish</i>	Shortbill spearfish	118	0.0358
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	372	0.1129
<i>Lampris guttatus</i>	Opah	4	0.0012
<i>Taractes rubescens</i>	Dagger pomfret	1	0.0003
<i>Lepidocybium flavobrunneum</i>	Escoler	84	0.0255
<i>Acanthocybium solandri</i>	Wahoo	109	0.0331
<i>Coryphaena hippurus</i>	Dolphinfish	30	0.0091
<i>Taractichthys steindachneri</i>	sickle pomfret	1	0.0003
<i>Dasyatis violacea</i>	Sting ray	2	0.0006
<i>Mola mola</i>	ocean sunfish	1	0.0003
<i>Gempylus serpens</i>	Snake mackerel	3	0.0009
<i>Remora osteochir</i>	Marlinsucker	51	0.0155
<i>Prionace glauca</i>	blue shark	110	0.0334
<i>Alopias superciliosus</i>	Bigeye thresher	2	0.0006
<i>Isurus oxyrinchus</i>	Shortfin mako	14	0.0043
	Sharks	25	0.0076
<i>Isurus paucus</i>	Longfin mako	3	0.0009
<i>Pseudocarcharias kamoharai</i>	crocodile shark	4	0.0012
<i>Carcharhinus falciformis</i>	silky shark	2	0.0006
Total		3294	1

Table 4 Observed catch and composition during observer Trip 3

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	2473	0.7183
<i>Thunnus albacares</i>	Yellowfin tuna	96	0.0279
<i>Thunnus obesus</i>	Bigeye tuna	152	0.0441
<i>Katsuwonus pelamis</i>	Skipjack tuna	95	0.0276
<i>Xiphias gladius</i>	Swordfish	11	0.0032
<i>Makaira nigricans</i>	Blue marlin	19	0.0055
<i>Tetrapturus audax</i>	Striped marlin	6	0.0017
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	83	0.0241
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	163	0.0473
<i>Lampris guttatus</i>	Opah	3	0.0009
<i>Taractichthys steindachneri</i>	Sickle pomfret	1	0.0003
<i>Lepidocybium flavobrunneum</i>	Escoler	74	0.0215
<i>Acanthocybium solandri</i>	Wahoo	113	0.0328
<i>Coryphaena hippurus</i>	Dolphinfish	32	0.0093
<i>Prionace glauca</i>	Blue shark	2	0.0006
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	1	0.0003
	Sharks	56	0.0163
<i>Dasyatis violacea</i>	Sting ray	28	0.0081
<i>Ranzania laevis</i>	Truncated sunfish	1	0.0003
<i>Remora osteochir</i>	Marlinsucker	30	0.0087
<i>Common remora</i>	Common remora	4	0.0012
Total		3443	1

Table 5 Observed catch and composition during observer Trip 4

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	4027	0.7881
<i>Thunnus albacares</i>	Yellowfin tuna	116	0.0227
<i>Thunnus obesus</i>	Bigeye tuna	155	0.0303
<i>Katsuwonus pelamis</i>	Skipjiack tuna	91	0.0178
<i>Xiphias gladius</i>	Swordfish	6	0.0012
<i>Makaira mazara</i>	Blue marlin	4	0.0008
<i>Tetrapturus pfluegeri</i>	Longbill spearfish	2	0.0004
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	58	0.0114
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	213	0.0417
<i>Lampris guttatus</i>	Opah	72	0.0141
<i>Taractichthys steindachneri</i>	Sickle pomfret	4	0.0008
<i>Lepidocybium flavobrunneum</i>	Escoler	135	0.0264
<i>Gempylus serpens</i>	Snake mackerel	1	0.0002
<i>Acanthocybium solandri</i>	Wahoo	99	0.0194
<i>Coryphaena hippurus</i>	Dolphinfish	30	0.0059
<i>Sphyraenabarracuda</i>	Greatbarracuda	1	0.0002
<i>Alopias superciliosus</i>	Bigeye thresher	1	0.0002
<i>Isurus oxyrinchus</i>	Shortfin mako	1	0.0002
<i>Prionace glauca</i>	Blue shark	71	0.0139
<i>Dasyatis violacea</i>	Sting ray	12	0.0023
<i>Masturus lanceolatus</i>	Sharptail sunfish	7	0.0014
<i>Phoebetria fusca</i>	Sooty albatross	1	0.0002
<i>Thalassarche cauta</i>	Shy Mollymawk	1	0.0002
<i>Diomedea epomophora</i>	Southernroyal albatross	2	0.0004
Total		5110	1

Table 6 Observed catch and composition during observer Trip 5

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	138	0.0372
<i>Thunnus albacares</i>	Yellowfin tuna	120	0.0323
<i>Thunnus obesus</i>	Bigeye tuna	610	0.1643
<i>Xiphias gladius</i>	Swordfish	430	0.1158
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	23	0.0062
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	3	0.0008
<i>Makaira indica</i>	Black marlin	10	0.0027
<i>Makaira mazara</i>	Blue marlin	14	0.0038
<i>Tetrapturus audax</i>	Striped marlin	21	0.0057
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	19	0.0051
<i>Lampris guttatus</i>	Opah	39	0.0105
<i>Taractes rubescens</i>	Dagger pomfret	24	0.0065
<i>Taractichthys steindachneri</i>	sickle pomfret	22	0.0059
<i>Lepidocybium flavobrunneum</i>	Escoler	1331	0.3585
<i>Gempylus serpens</i>	Snake mackerel	2	0.0005
<i>Acanthocybium solandri</i>	Wahoo	91	0.0245
<i>Coryphaena hippurus</i>	Dolphinfish	44	0.0119
<i>Zameus squamulosus</i>	Velvet dogfish	4	0.0011
<i>Alopias superciliosus</i>	Bigeye thresher	95	0.0256
<i>Isurus paucus</i>	Longfin mako	11	0.0030
<i>Isurus oxyrinchus</i>	Shortfin mako	19	0.0051
<i>Prionace glauca</i>	Blue shark	480	0.1293
<i>Carcharhinus falciformis</i>	Silky shark	64	0.0172
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	17	0.0046
<i>Pseudocarcharias kamoharai</i>	crocodile shark	18	0.0048
<i>Sphyrna zygaena</i>	Smooth hammerhead	8	0.0022
<i>Sphyrna lewini</i>	Scalloped Hammerhead	1	0.0003
<i>Dasyatis violacea</i>	Sting ray	33	0.0089
<i>Mobula japonica</i>	Spinetail mobula	2	0.0005
<i>Mola mola</i>	Ocean sunfish	1	0.0003
<i>Ruvettus pretiosus</i>	Oilfish	19	0.0051
Total		3713	1

Table 7 Observed catch and composition during observer Trip 6

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	3585	0.8410
<i>Thunnus obesus</i>	Big eye tuna	92	0.0216
<i>Thunnus albacares</i>	yellowfin tuna	109	0.0256
<i>Katsuwonus pelamis</i>	Skipjack	144	0.0338
<i>Xiphias gladius</i>	Swordfish	9	0.0021
<i>Makaira indica</i>	Black marlin	31	0.0073
<i>Makaira mazara</i>	Blue marlin	9	0.0021
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	68	0.0160
<i>Acanthocybium solandri</i>	Wahoo	159	0.0373
<i>Tetrapturus audax</i>	Striped marlin	1	0.0002
<i>Lepidocybium flavobrunneum</i>	Escolar	26	0.0061
<i>Ruvettus pretiosus</i>	Oilfish	2	0.0005
<i>Prionace glauca</i>	Blue shark	3	0.0007
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	5	0.0012
<i>Dasyatis violacea</i>	Pelagic stingray	4	0.0009
<i>Alepisaurus ferox</i>	Longnose lancetfish	10	0.0023
<i>Lampris guttatus</i>	Opah	4	0.0009
<i>Coryphaena equiselis</i>	Pompano dolphinfish	2	0.0005
Total		4263	1

Table 8 Observed catch and composition during observer Trip 7

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	2	0.0009
<i>Thunnus albacares</i>	Yellowfin tuna	67	0.0294
<i>Thunnus obesus</i>	Bigeye tuna	87	0.0382
<i>Katsuwonus pelamis</i>	Skipjiack tuna	4	0.0018
<i>Xiphias gladius</i>	Swordfish	580	0.2548
<i>Makaira mazara</i>	Blue marlin	55	0.0242
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	7	0.0031
<i>Tetrapturus audax</i>	Striped Marlin	110	0.0483
<i>Tetrapturus angustirostris</i>	Shortbill Spearfish	10	0.0044
<i>Prionace glauca</i>	Blue shark	612	0.2689
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	32	0.0141
<i>Alopias vulpinus</i>	Thresher, shark	2	0.0009
<i>Isurus paucus</i>	Longfin mako	1	0.0004
<i>Isurus oxyrinchus</i>	Shortfin mako	9	0.0040
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	171	0.0751
<i>Dasyatis violacea</i>	Sting ray	188	0.0826
<i>Mobula japonica</i>	Spinetail mobula	2	0.0009
<i>Sphyraena barracuda</i>	Great barracuda	1	0.0004
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	21	0.0092
<i>Ruvettus pretiosus</i>	Oilfish	1	0.0004
<i>Coryphaena hippurus</i>	Dolphinfish	223	0.0980
<i>Lepidocybium flavobrunneum</i>	Escoler	25	0.0110
<i>Gempylus serpens</i>	Snake mackerel	19	0.0083
<i>Acanthocybium solandri</i>	Wahoo	22	0.0097
<i>Chelonia mydas</i>	Green turtle	11	0.0048
<i>Lepidochelys olivacea</i>	Olive Ridley turtle	12	0.0053
	Mammal animal	2	0.0009
Total		2276	1

Table 9 Observed catch and composition during observer Trip 8

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Sphyraena barracuda</i>	Great barracuda	2	0.0011
<i>Thunnus albacares</i>	Yellowfin tuna	112	0.0623
<i>Thunnus obesus</i>	Bigeye tuna	24	0.0133
<i>Katsuwonus pelamis</i>	Skipjiack tuna	12	0.0067
<i>Xiphias gladius</i>	Swordfish	102	0.0567
<i>Makaira mazara</i>	Blue marlin	46	0.0256
<i>Lstiophorus platypterus</i>	Indo-pacific sailfish	9	0.0050
<i>Tetrapturus audax</i>	Stirped marlin	83	0.0461
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	1	0.0006
<i>Alepisaurus ferox lowe</i>	Longnose lancetfish	36	0.0200
<i>Lampris guttatus</i>	Opah	2	0.0011
<i>Lepidocybium flavobrunneum</i>	Escoler	4	0.0022
<i>Gempylus serpens</i>	Snake mackerel	4	0.0022
<i>Ruvettus pretiosus</i>	Oilfish	1	0.0006
<i>Coryphaena hippurus</i>	Dolphinfish	719	0.3997
<i>Acanthocybium solandri</i>	Wahoo	32	0.0178
<i>Carcharhinus amblyrhynchos</i>	Grey reef shark	1	0.0006
<i>Scalloped Hammerhead</i>	Sphyrna lewini	4	0.0022
<i>Alopias superciliosus</i>	Bigeye thresher	20	0.0111
<i>Isurus paucus</i>	Longfin mako	10	0.0056
<i>Isurus oxyrinchus</i>	Shortfin mako	12	0.0067
<i>Alopias Pelagicus</i>	Pelagic thresher	60	0.0334
<i>Prionace glauca</i>	Blue shark	344	0.1912
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	65	0.0361
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	38	0.0211
<i>Sphyrna zygaena</i>	Smooth hammerhead	16	0.0089
<i>Dasyatis violacea</i>	Sting ray	31	0.0172
<i>Mobula japonica</i>	Spinetail mobula	4	0.0022
<i>rabbit puffer,oceanic</i>	Lagocephalus	1	0.0006
<i>Eretmochelys imbricata</i>	Hawksbill turle	1	0.0006
<i>Lepidochelys olivacea</i>	Olive ridley turtle	1	0.0006
<i>Chelonia mydas</i>	Green turtle	2	0.0011
Total		1799	1

Table 10 Observed catch and composition during observer Trip 9

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	146	0.0343
<i>Thunnus albacares</i>	Yellowfin tuna	259	0.0609
<i>Thunnus obesus</i>	Bigeye tuna	1145	0.2690
<i>Katsuwonus pelamis</i>	Skipjiack tuna	2	0.0005
<i>Xiphias gladius</i>	Swordfish	180	0.0423
<i>Tetrapturus audax</i>	Striped marlin	3	0.0007
<i>Makaira mazara</i>	Blue marlin	40	0.0094
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	182	0.0428
<i>Lampris guttatus</i>	Opah	50	0.0117
<i>Taractes rubescens</i>	Dagger pomfret	112	0.0263
<i>Taractichthys steindachneri</i>	Sickle pomfret	96	0.0226
<i>Lepidocybium flavobrunneum</i>	Escoler	331	0.0778
<i>Gempylus serpens</i>	Snake mackerel	16	0.0038
<i>Acanthocybium solandri</i>	Wahoo	42	0.0099
<i>Coryphaena hippurus</i>	Dolphinfish	124	0.0291
<i>Zameus squamulosus</i>	Velvet dogfish	41	0.0096
<i>Alopias superciliosus</i>	Bigeye thresher	121	0.0284
<i>Isurus paucus</i>	Longfin mako	27	0.0063
<i>Isurus oxyrinchus</i>	Shortfin mako	36	0.0085
<i>Sphyrana lewini</i>	Scalloped Hammerhead	4	0.0009
<i>Alopias pelagicus</i>	Pelagic thresher	2	0.0005
<i>Prionace glauca</i>	Blue shark	486	0.1142
<i>Carcharhinus falciformis</i>	Silky shark	205	0.0482
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	45	0.0106
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	325	0.0764
<i>Sphyraena zygaena</i>	Smooth hammerhead	7	0.0016
<i>Dasyatis violacea</i>	Sting ray	186	0.0437
<i>Mobula japonica</i>	Spinetail mobula	4	0.0009
<i>Mola mola</i>	Ocean sunfish	11	0.0026
<i>Remora osteochir</i>	Marlinsucker	12	0.0028
<i>Remora remora</i>	Common remora	8	0.0019
<i>Masturus lanceolatus</i>	Sharptail sunfish	1	0.0002
<i>Sphyraena barracuda</i>	Great barracuda	7	0.0016
Total		4256	1

Table 11 Observed catch and composition during observer Trip 10

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	6458	0.8387
<i>Thunnus obesus</i>	Bigeye tuna	155	0.0201
<i>Thunnus albacares</i>	Yellowfin tuna	186	0.0242
<i>Katsuwonus pelamis</i>	Skipjack tuna	247	0.0321
<i>Xiphias gladius</i>	Swordfish	23	0.0030
<i>Makaira mazara</i>	Blue marlin	6	0.0008
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	1	0.0001
<i>Tetrapturus audax</i>	Striped Marlin	16	0.0021
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	101	0.0131
<i>Makaira indica</i>	Black marlin	27	0.0035
<i>Taractichthys steindachneri</i>	Sickle pomfret	1	0.0001
<i>Lampris guttatus</i>	Opah	121	0.0157
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	28	0.0036
<i>Taractes rubescens</i>	Dagger pomfret	3	0.0004
<i>Masturus lanceolatus</i>	Sharptail sunfish	1	0.0001
<i>Coryphaena hippurus</i>	Dolphinfish	23	0.0030
<i>Acanthocybium solandri</i>	Wahoo	205	0.0266
<i>Gempylus serpens</i>	Snake mackerel	21	0.0027
<i>Lepidocybium flavobrunneum</i>	Escoler	59	0.0077
<i>Dasyatis violacea</i>	Sting ray	17	0.0022
<i>Remora osteochir</i>	Marlinsucker	1	0.0001
Total		7700	1

Table 12 Observed catch and composition during observer Trip 11

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore	7286	0.8585
<i>Thunnus obesus</i>	Bigeye tuna	126	0.0148
<i>Thunnus albacares</i>	Yellowfin tuna	222	0.0262
<i>Katsuwonus pelamis</i>	Skipjack tuna	318	0.0375
<i>Xiphias gladius</i>	Swordfish	8	0.0009
<i>Makaira mazara</i>	Blue marlin	6	0.0007
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	2	0.0002
<i>Tetrapturus audax</i>	Striped Marlin	14	0.0016
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	84	0.0099
<i>Makaira indica</i>	Black marlin	3	0.0004
<i>Taractichthys steindachneri</i>	Sickle pomfret	1	0.0001
<i>Lampris guttatus</i>	Opah	62	0.0073
<i>Alepisaurus ferox</i> lowe	Longnose lancetfish	11	0.0013
<i>Taractes rubescens</i>	Dagger pomfret	1	0.0001
<i>Masturus lanceolatus</i>	Sharptail sunfish	1	0.0001
<i>Mola mola</i>	Ocean sunfish	1	0.0001
<i>Coryphaena hippurus</i>	Dolphinfish	10	0.0012
<i>Acanthocybium solandri</i>	Wahoo	197	0.0232
<i>Gempylus serpens</i>	Snake mackerel	30	0.0035
<i>Lepidocybium flavobrunneum</i>	Escoler	82	0.0097
<i>Pteraclis aesticola</i>	Pacific fanfish	1	0.0001
<i>Ruvettus pretiosus</i>	Oilfish	2	0.0002
<i>Dasyatis violacea</i>	Sting ray	15	0.0018
<i>Remora remora</i>	Common remora	4	0.0005
Total		8487	1