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**2023 ANNUAL SCIENTIFIC OBSERVER REPORT FOR CHINA
LONGLINE FISHERY IN THE ANTIGUA CONVENTION AREA**

CPC OBSERVER ANNUAL REPORT FOR THE YEAR 2023
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 2023, China conducted twelve longline observer trips in the IATTC convention area (east of 150°W). A total of 1235 fishing days were observed during the twelve trips (**Table 1**). Some of the Chinese observer trips for the EPO area were shared with those for the WCPFC area (west of 150°W), i.e., the same observer with the same longline vessel carried out the observations across the boundary of longitude line 150°W. Sets of the observer trips deployed in the WCPO areas were removed.

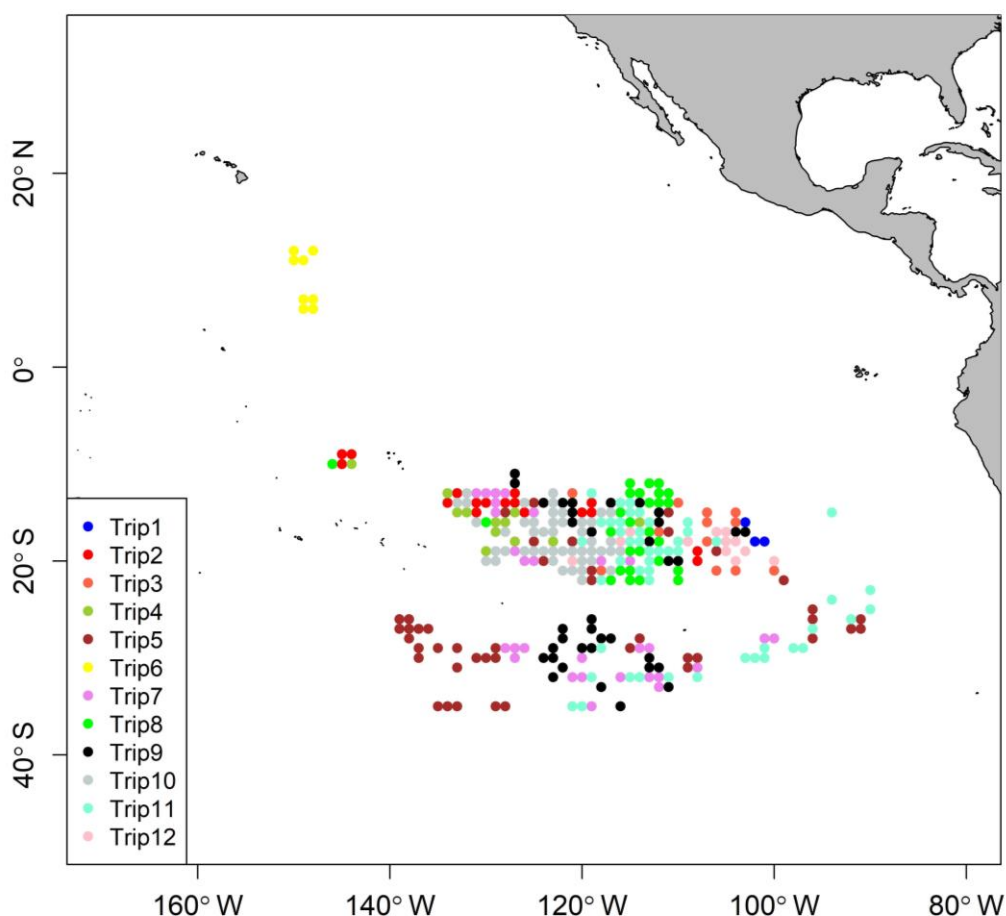
**Table 1 Information of Twelve Chinese longline observer trips
in the IATTC area in 2023**

Trips	Observed fishing days	Observed hooks	Observation period	Observation area
Trip 1	9	28755	Feb 1, 2023-Feb 9 2023	16°~19°S, 101°~106°W
Trip 2	135	439154	Feb 1, 2023-Jul 31, 2023	9°~20°S, 103°~145°W
Trip 3	122	406026	Aug 12, 2023-Jan 31, 2024	17°~21°S, 100°~125°W
Trip 4	61	107696	Sep 3, 2023-Nov 27, 2023	10°~20°S, 114°~144°W
Trip 5	188	682760	Feb 1, 2023-Oct 8, 2023	14°~35°S, 91°~139°W
Trip 6	20	52104	Jan 6, 2023-Jul 6, 2023	6°~12°N, 148°~150°W
Trip 7	142	516880	Feb 1, 2023-Aug 31, 2023	13°~35°S, 100°~131°W
Trip 8	155	463310	Jul 31, 2023-Jan 31, 2024	10°~22°S, 100°~146°W
Trip 9	95	275945	Feb 1, 2023-Jun 27, 2023	11°~35°S, 103°~127°W

Trip 10	105	320850	Oct 20, 2022-Mar 31, 2023	13°~22°S, 116°~133°W
Trip 11	161	576995	Jun 29, 2023-Jan 30, 2024	13°~35°S, 90°~121°W
Trip 12	42	134550	Dec 9, 2023-Jan 31, 2024	17°~20°S, 100°~121°W

The observed set stations for the twelve trips are shown in **Figure 1**. These trips targeted Albacore or Bigeye tuna, mainly using circle hooks.

Fig. 1 Set stations of Chinese longline observer trips in 2023



2. Observer coverage

Based on current observer data, China's observer coverage in EPO for 2023 was **13.07%**. We suggest that the observer annual report be submitted by the same deadline with fishery data.

3. Total catch and catch composition

For each trip, the on-board 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 **Tables 2-13**.

There were five albatrosses incidentally captured in trip 11. One sea turtle (Leatherback turtle) and one marine mammal (Rough-toothed dolphin) were captured in trip 8 and trip 2 respectively, and safely released. Most of the sharks were discarded by China longliners in the EPO, especially for the Oceanic whitetip sharks, Shortfin makos and Silky sharks, which were released or discarded as soon as possible when 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 tuna*	314	70.40
<i>Thunnus albacares</i>	Yellowfin tuna	1	0.22
<i>Katsuwonus pelamis</i>	Skipjack tuna	7	1.57
<i>Acanthocybium solandri</i>	Wahoo	6	1.35
<i>Lepidocybium flavobrunneum</i>	Escolar	30	6.73
<i>Thunnus obesus</i>	Bigeye tuna	2	0.45
<i>Lampris guttatus</i>	Opah	18	4.04
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	24	5.38
<i>Xiphias gladius</i>	Swordfish	5	1.12
<i>Gempylus serpens</i>	Snake mackerel	21	4.71
<i>Prionace glauca</i>	Blue shark	17	3.81
<i>Tetrapturus audax</i>	Striped marlin	1	0.22
Total	-	446	100

Note: * indicate target species

Table 3 Observed catch and composition during observer trip 2

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus obesus</i>	Bigeye tuna	576	4.67
<i>Xiphias gladius</i>	Swordfish	70	0.57
<i>Prionace glauca</i>	Blue shark	148	1.20
<i>Dasyatis violacea</i>	Pelagic stingray	1018	8.26
<i>Thunnus albacares</i>	Yellowfin tuna	571	4.63
<i>Brama brama</i>	Atlantic pomfret	3	0.02
<i>Thunnus alalunga</i>	Albacore tuna*	6750	54.77
<i>Alopias superciliosus</i>	Bigeye thresher	1	0.01
<i>Lagocephalus lagocephalus</i>	Rabbit puffer	1	0.01
<i>Acanthocybium solandri</i>	Wahoo	230	1.87
<i>Katsuwonus pelamis</i>	Skipjack tuna	401	3.25
<i>Makaira indica</i>	Black marlin	2	0.02
<i>Makaira nigricans</i>	Blue marlin	20	0.16
<i>Lampris guttatus</i>	Opah	32	0.26
<i>Alepisaurus brevirostris</i>	Shortnose lancetfish	1	0.01
<i>Alepisaurus ferox</i>	Longnose lancetfish	1609	13.06
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	181	1.47
<i>Tetrapturus audax</i>	Striped marlin	33	0.27
<i>Nesiarchus nasutus</i>	Black gemfish	6	0.05

<i>Eumegistus illustris</i>	Brilliant pomfret	2	0.02
<i>Coryphaena hippurus</i>	Dolphinfish	11	0.09
<i>Remora remora</i>	Common remora	15	0.12
<i>Lophotus lacepede</i>	Crested oarfish,	1	0.01
<i>Ranzania laevis</i>	Slender sunfish	2	0.02
<i>Cubiceps gracilis</i>	Driftfish	4	0.03
<i>Lepidocybium flavobrunneum</i>	Escolar	401	3.25
<i>Isurus paucus</i>	Longfin mako	5	0.04
<i>Scombr labrax heterolepis</i>	Longfin escolar	3	0.02
<i>Isurus oxyrinchus</i>	Shortfin mako	7	0.06
<i>Remora osteochir</i>	Marlin sucker	12	0.10
<i>Taractes rubescens</i>	Dagger pomfret	7	0.06
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	9	0.07
<i>Steno bredanensis</i>	Rough-toothed dolphin	1	0.01
<i>Ruvettus pretiosus</i>	Oilfish	2	0.02
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	4	0.03
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	1	0.01
<i>Gempylus serpens</i>	Snake mackerel	98	0.80
<i>Promethichthys prometheus</i>	Roundi escolar	7	0.06
<i>Taractichthys steindachneri</i>	Sickle pomfret	27	0.22
<i>Lophotus capellei</i>	Unicornfish	6	0.05
-	Unidentified sharks	37	0.30
<i>Ommastrephidae sp.</i>	Squids	8	0.06
Total	-	12324	100

Note: * indicate target species

Table 4 Observed catch and composition during observer trip 3

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	3486	79.79
<i>Thunnus obesus</i>	Bigeye tuna	166	3.80
<i>Makaira nigricans</i>	Blue marlin	7	0.16
<i>Prionace glauca</i>	Blue shark	19	0.43
<i>Coryphaena hippurus</i>	Dolphinfish	7	0.16
<i>Lepidocybium flavobrunneum</i>	Escolar	47	1.08
<i>Alepisaurus ferox</i>	Longnose lancetfish	64	1.46
<i>Lampris guttatus</i>	Opah	29	0.66
<i>Dasyatis violacea</i>	Pelagic stingray	87	1.99
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	143	3.27
<i>Katsuwonus pelamis</i>	Skipjack tuna	161	3.69
<i>Tetrapturus audax</i>	Striped marlin	29	0.66

<i>Xiphias gladius</i>	Swordfish	38	0.87
<i>Acanthocybium solandri</i>	Wahoo	55	1.26
<i>Thunnus albacares</i>	Yellowfin tuna	31	0.71
Total	-	4369	100

Note: * indicate target species

Table 5 Observed catch and composition during observer trip 4

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna	2978	62.92
<i>Alopias Pelagicus</i>	Pelagic thresher	1	0.02
<i>Thunnus obesus</i>	Bigeye tuna	466	9.85
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	14	0.30
<i>Coryphaena hippurus</i>	Dolphinfish	21	0.44
<i>Lepidocybium flavobrunneum</i>	Escolar	87	1.84
<i>Alepisaurus ferox</i>	Longnose lancetfish	94	1.99
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	4	0.08
<i>Lampris guttatus</i>	Opah	9	0.19
<i>Dasyatis violacea</i>	Pelagic stingray	187	3.95
<i>Alepisaurus brevirostris</i>	Short snouted lancetfish	4	0.08
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	113	2.39
<i>Isurus oxyrinchus</i>	Shortfin mako	30	0.63
<i>Taractichthys steindachneri</i>	sickle pomfret	12	0.25
<i>Carcharhinus falciformis</i>	Silky shark	3	0.06
<i>Katsuwonus pelamis</i>	Skipjack tuna	175	3.70
<i>Gempylus serpens</i>	Snake mackerel	17	0.36
<i>Tetrapturus audax</i>	Striped marlin	31	0.65
<i>Xiphias gladius</i>	Swordfish	24	0.51
<i>Lophotus capellei</i>	Unicornfish	1	0.02
<i>Acanthocybium solandri</i>	Wahoo	173	3.66
<i>Thunnus albacares</i>	Yellowfin tuna*	221	4.67
<i>Seriola lalandi</i>	Yellowtail amberjack	1	0.02
-	Unidentified sharks	67	1.42
Total	-	4733	100

Note: * indicate target species

Table 6 Observed catch and composition during observer trip 5

Scientific name	English name	Observed catch in number	Percentage (%)
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<i>Thunnus alalunga</i>	Albacore tuna*	16365	95.24
<i>Thunnus obesus</i>	Bigeye tuna	238	1.39
<i>Makaira nigricans</i>	Blue marlin	76	0.44
<i>Lepidocybium flavobrunneum</i>	Escolar	78	0.45
<i>Lampris guttatus</i>	Opah	58	0.34
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	96	0.56
<i>Katsuwonus pelamis</i>	Skipjack tuna	106	0.62
<i>Xiphias gladius</i>	Swordfish	21	0.12
<i>Acanthocybium solandri</i>	Wahoo	82	0.48
<i>Thunnus albacares</i>	Yellowfin tuna	63	0.37
Total	-	17183	100

Note: * indicate target species

Table 7 Observed catch and composition during observer trip 6

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna	259	18.20
<i>Alopias superciliosus</i>	Bigeye thresher	1	0.07
<i>Thunnus obesus</i>	Bigeye tuna	50	3.51
<i>Makaira nigricans</i>	Blue marlin	8	0.56
<i>Prionace glauca</i>	Blue shark	19	1.34
<i>Remora remora</i>	Common remora	2	0.14
<i>Lepidocybium flavobrunneum</i>	Escolar	9	0.63
<i>Sphyrna barracuda</i>	Great barracuda	24	1.69
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	17	1.19
<i>Alepisaurus ferox</i>	Longnose lancetfish	18	1.26
<i>Lampris guttatus</i>	Opah	4	0.28
<i>Dasyatis violacea</i>	Pelagic stingray	17	1.19
<i>Taractichthys steindachneri</i>	Sickle pomfret	1	0.07
<i>Carcharhinus falciformis</i>	Silky shark	1	0.07
<i>Katsuwonus pelamis</i>	Skipjack tuna	24	1.69
<i>Sphyrna lewini</i>	Scalloped hammerhead	1	0.07
<i>Acanthocybium solandri</i>	Wahoo	28	1.97
<i>Thunnus albacares</i>	Yellowfin tuna*	924	64.93
-	Unidentified sharks	16	1.12
Total	-	1423	100

Note: * indicate target species

Table 8 Observed catch and composition during observer trip 7

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	9993	84.64
<i>Thunnus obesus</i>	Bigeye tuna	168	1.42
<i>Makaira nigricans</i>	Blue marlin	21	0.18
<i>Prionace glauca</i>	Blue shark	460	3.90
<i>Taractes rubescens</i>	Dagger pomfret	11	0.09
<i>Coryphaena hippurus</i>	Dolphinfish	2	0.02
<i>Alepisaurus ferox</i>	Longnose lancetfish	336	2.85
<i>Ruvettus pretiosus</i>	Oilfish	155	1.31
<i>Lampris guttatus</i>	Opah	133	1.13
<i>Dasyatis violacea</i>	Pelagic stingray	167	1.41
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	54	0.46
<i>Katsuwonus pelamis</i>	Skipjack tuna	128	1.08
<i>Tetrapturus audax</i>	Striped marlin	27	0.23
<i>Xiphias gladius</i>	Swordfish	35	0.30
<i>Acanthocybium solandri</i>	Wahoo	58	0.49
<i>Thunnus albacares</i>	Yellowfin tuna	59	0.50
Total	-	11807	100

Note: * indicate target species

Table 9 Observed catch and composition during observer trip 8

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	8271	73.41
<i>Alopias superciliosus</i>	Bigeye thresher	8	0.07
<i>Brama brama</i>	Atlantic pomfret	7	0.06
<i>Odontaspis noronhai</i>	Bigeye sand tiger	1	0.01
<i>Thunnus obesus</i>	Bigeye tuna	545	4.84
<i>Makaira indica</i>	Black marlin	21	0.19
<i>Prionace glauca</i>	Blue shark	44	0.39
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	2	0.02
<i>Taractes rubescens</i>	Dagger pomfret	5	0.04
<i>Coryphaena hippurus</i>	Dolphinfish	49	0.43
<i>Lepidocybium flavobrunneum</i>	Escolar	154	1.37
<i>Dermochelys coriacea</i>	Leatherback turtle	1	0.01
<i>Alepisaurus ferox</i>	Longnose lancetfish	509	4.52
<i>Isurus paucus</i>	Longfin mako	1	0.01

<i>Lampris guttatus</i>	Opah	64	0.57
<i>Dasyatis violacea</i>	Pelagic stingray	393	3.49
<i>Masturus lanceolatus</i>	Sharptail sunfish	1	0.01
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	320	2.84
<i>Isurus oxyrinchus</i>	Shortfin mako	7	0.06
<i>Taractichthys steindachneri</i>	Sickle pomfret	5	0.04
<i>Katsuwonus pelamis</i>	Skipjack tuna	387	3.43
<i>Sphyrna zygaena</i>	Smooth hammerhead	2	0.02
<i>Gempylus serpens</i>	Snake mackerel	45	0.40
<i>Tetrapturus audax</i>	Striped marlin	42	0.37
<i>Xiphias gladius</i>	Swordfish	33	0.29
<i>Lophotus capellei</i>	Unicornfish	3	0.03
<i>Acanthocybium solandri</i>	Wahoo	170	1.51
<i>Thunnus albacares</i>	Yellowfin tuna	80	0.71
-	Unidentified sharks	97	0.86
Total	-	11267	100

Note: * indicate target species

Table 10 Observed catch and composition during observer trip 9

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	2442	63.79
<i>Thunnus obesus</i>	Bigeye tuna	186	4.86
<i>Makaira nigricans</i>	Blue marlin	9	0.24
<i>Prionace glauca</i>	Blue shark	223	5.83
<i>Gasterochisma melampus</i>	Butterfly kingfish	2	0.05
<i>Taractes rubescens</i>	Dagger pomfret	2	0.05
<i>Remora remora</i>	Common remora	3	0.08
<i>Coryphaena hippurus</i>	Dolphinfish	1	0.03
<i>Lepidocybium flavobrunneum</i>	Escolar	121	3.16
<i>Alepisaurus ferox</i>	Longnose lancetfish	306	7.99
<i>Lampris guttatus</i>	Opah	101	2.64
<i>Dasyatis violacea</i>	Pelagic stingray	124	3.24
<i>Promethichthys prometheus</i>	Roundi escolar	1	0.03
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	43	1.12
<i>Katsuwonus pelamis</i>	Skipjack tuna	60	1.57
<i>Gempylus serpens</i>	Snake mackerel	86	2.25
<i>Tetrapturus audax</i>	Striped marlin	22	0.57
<i>Xiphias gladius</i>	Swordfish	20	0.52
<i>Acanthocybium solandri</i>	Wahoo	39	1.02
<i>Thunnus albacares</i>	Yellowfin tuna	37	0.97

Total	-	3828	100
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Note: * indicate target species

Table 11 Observed catch and composition during observer trip 10

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna	4064	66.43
<i>Odontaspis noronhai</i>	Bigeye sand tiger	4	0.07
<i>Nesiarchus nasutus</i>	Black gemfish	25	0.41
<i>Thunnus obesus</i>	Bigeye tuna*	118	1.93
<i>Makaira nigricans</i>	Blue marlin	51	0.83
<i>Prionace glauca</i>	Blue shark	22	0.36
<i>Carcharhinus limbatus</i>	Blacktip shark	2	0.03
<i>Eumegistus illustris</i>	Brilliant pomfret	2	0.03
<i>Lepidocybium flavobrunneum</i>	Escolar	73	1.19
<i>Carcharhinus galapagensis</i>	Galapagos shark	1	0.02
<i>Alepisaurus ferox</i>	Longnose lancetfish	134	2.19
<i>Isurus paucus</i>	Longfin mako	10	0.16
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	10	0.16
<i>Lampris guttatus</i>	Opah	9	0.15
<i>Dasyatis violacea</i>	Pelagic stingray	423	6.91
<i>Promethichthys prometheus</i>	Roundi escolar	4	0.07
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	216	3.53
<i>Isurus oxyrinchus</i>	Shortfin mako	10	0.16
<i>Taractichthys steindachneri</i>	Sickle pomfret	4	0.07
<i>Carcharhinus falciformis</i>	Silky shark	6	0.10
<i>Katsuwonus pelamis</i>	Skipjack tuna	526	8.60
<i>Gempylus serpens</i>	Snake mackerel	192	3.14
<i>Tetrapturus audax</i>	Striped marlin	8	0.13
<i>Xiphias gladius</i>	Swordfish	36	0.59
<i>Acanthocybium solandri</i>	Wahoo	113	1.85
<i>Thunnus albacares</i>	Yellowfin tuna*	38	0.62
-	Unidentified sharks	17	0.28
Total	-	6118	100

Note: * indicate target species

Table 12 Observed catch and composition during observer trip 11

Scientific name	English name	Observed catch in number	Percentage (%)
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<i>Thunnus alalunga</i>	Albacore tuna*	14941	78.60
<i>Diomedeidae</i> sp.	Albatross	5	0.03
<i>Brama brama</i>	Atlantic pomfret	20	0.11
<i>Gasterochisma melampus</i>	Butterfly kingfish	4	0.02
<i>Thunnus obesus</i>	Bigeye tuna	512	2.69
<i>Nesiarchus nasutus</i>	Black gemfish	984	5.18
<i>Makaira indica</i>	Black marlin	17	0.09
<i>Prionace glauca</i>	Blue shark	375	1.97
<i>Coryphaena hippurus</i>	Dolphinfish	256	1.35
<i>Lepidocybium flavobrunneum</i>	Escolar	150	0.79
<i>Mola mola</i>	Ocean sunfish	2	0.01
<i>Ruvettus pretiosus</i>	Oilfish	3	0.02
<i>Dasyatis violacea</i>	Pelagic stingray	512	2.69
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	205	1.08
<i>Katsuwonus pelamis</i>	Skipjack tuna	348	1.83
<i>Gempylus serpens</i>	Snake mackerel	15	0.08
<i>Tetrapturus audax</i>	Striped marlin	69	0.36
<i>Xiphias gladius</i>	Swordfish	33	0.17
<i>Acanthocybium solandri</i>	Wahoo	504	2.65
<i>Thunnus albacares</i>	Yellowfin tuna	31	0.16
-	Unidentified sharks	22	0.12
-	Unidentified tuna	1	0.01
Total	-	19009	100

Note: * indicate target species

Table 13 Observed catch and composition during observer trip 12

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	3844	74.31
<i>Alopias superciliosus</i>	Bigeye thresher	4	0.08
<i>Thunnus obesus</i>	Bigeye tuna	160	3.09
<i>Makaira nigricans</i>	Blue marlin	2	0.04
<i>Prionace glauca</i>	Blue shark	29	0.56
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	1	0.02
<i>Taractes rubescens</i>	Dagger pomfret	3	0.06
<i>Lepidocybium flavobrunneum</i>	Escolar	58	1.12
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	2	0.04
<i>Alepisaurus ferox</i>	Longnose lancetfish	260	5.03
<i>Mola mola</i>	Ocean sunfish	1	0.02
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	1	0.02
<i>Lampris guttatus</i>	Opah	49	0.95

<i>Dasyatis violacea</i>	Pelagic stingray	171	3.31
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	155	3.00
<i>Isurus oxyrinchus</i>	Shortfin mako	3	0.06
<i>Carcharhinus falciformis</i>	Silky shark	2	0.04
<i>Katsuwonus pelamis</i>	Skipjack tuna	253	4.89
<i>Gempylus serpens</i>	Snake mackerel	4	0.08
<i>Tetrapturus audax</i>	Striped marlin	19	0.37
<i>Xiphias gladius</i>	Swordfish	37	0.72
<i>Acanthocybium solandri</i>	Wahoo	46	0.89
<i>Thunnus albacares</i>	Yellowfin tuna	17	0.33
-	Unidentified sharks	52	1.01
Total	-	5173	100

Note: * indicate target species

FLEET INFORMATION (vessels >20m LOA)																			
		Both set types combined						Shallow sets (<15 HPB/HBF¹ or <100m max hook depth)						Deep sets (≥15 HPB/HBF or ≥100m max hook depth)					
Period covered		From			To			From			To			From			To		
		Day	Month	Year	Day	Month	Year	Day	Month	Year	Day	Month	Year	Day	Month	Year	Day	Month	Year
	Date range	1	JAN	2023	31	JAN	2024	Select	Select	Select	Select	Select	Select	1	JAN	2023	31	JAN	2024
Area fished	Longitude	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.
		90	0	W	150	0	W			W			W	90	0	W	150	0	W
	Latitude	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.	Deg.	Min.	Hem.
		12	0	N	35	0	S			Select			Select	12	0	N	35	0	S
		Total Fleet		Observed		% observed		Total Fleet		Observed		% observed		Total Fleet		Observed		% observed	
No. of vessels that fished		109		12		11								109		12		11	
No. of trips																			
No. of effective days fishing		8836		1235		14								8836		1235		14	
No. of sets																			
No. of hooks (in thousands) <i>(If unknown, approx. no. of hooks/set, using a *)</i>		31152		4072		13								31152		4072		13	
Predominant ² hook type/size (IATTC (IATTC code))		Circle hook		Circle hook										Circle hook		Circle hook			
Predominant bait type ³		F		F				Select		Select				F		F			

¹ Hooks per basket / Hooks between floats

² "Predominant" means most common, i.e., >50%. [Click here for IATTC hook codes.](#)

³ Bait code: SQ – squid; F – fishes (e.g. Scomber spp.); A – artificial lure (e.g. plastic jig)

Add additional comments below

[illegible]

[illegible]

	Click to add a seabird species									
For additional species caught, enter species code and species in rows below										
Billfishes										
BLM	Black marlin (<i>Istiompax indica</i>)	31	9					31	9	
BUM	Blue marlin (<i>Makaira nigricans</i>)	121	73					121	73	
SFA	Indo-Pacific sailfish (<i>Istiophorus platypterus</i>)	4	14					4	14	
SSP	Shortbill spearfish (<i>Tetrapturus angustirostris</i>)	624	735	1				624	735	1
MLS	Striped marlin (<i>Kajikia audax</i>)	174	58					174	58	

Add additional comments below