

INTER-AMERICAN TROPICAL TUNA COMMISSION

SCIENTIFIC ADVISORY COMMITTEE

13TH MEETING

(by videoconference)

16-20 May 2022

DOCUMENT SAC-13 INF-A(b)

**2021 ANNUAL SCIENTIFIC OBSERVER REPORT FOR CHINA TUNA
LONGLINE FISHERY IN THE ANTIGUA CONVENTION AREA**

CPC OBSERVER ANNUAL REPORT FOR THE YEAR 2021
 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 2021, China conducted sixteen longline observer trips in the IATTC convention area (east of 150°W). A total of 2512 fishing days were observed during the sixteen 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 Sixteen Chinese LL observer trips in the IATTC area in 2021

Trips	Observed fishing days	Observed hooks	Observation period	Observation area
Trip 1	224	595,065	Jul 28, 2020-May 16, 2021	10°~32°S, 93°~144°W
Trip 2	217	647,590	Jun 22, 2020-May 13, 2021	10°~32°S, 97°~133°W
Trip 3	512	259,338	Apr 18, 2020-Dec 14, 2021	5°N~14°S, 124°~150°W
Trip 4	22	27,600	Aug 20,2021-Sep 15,2021	24°~27°S, 94°~97°W
Trip 5	144	461,376	Jun 22,2020-Feb21,2021	15°~21°S, 114°~131°W
Trip 6	130	410,900	Aug 17,2021-Jan 17,2022	14°~27°S, 91°~123°W
Trip 7	418	1,263,324	Aug 16,2020-Jan 5,2022	2°~34°S, 91°~147°W
Trip 8	165	558,171	May 24,2021-Dec 23,2021	10°~34°S, 93°~144°W
Trip 9	102	325,416	Sep 01,2020-Jan 12,2021	16°~32°S,94°~118°W

Trip 10	11	36,288	Jun 12,2020-Jul 24,2020	8°~11°S, 145°~150°W
Trip 11	137	415,126	Jul 15,2021-Jan 5,2022	1°~32°S, 106°~150°W
Trip 12	78	182,520	Nov 25,2020-Mar 8,2021	13°~21°S, 117°~133°W
Trip 13	119	350,352	Oct 20,2020-Mar 9,2021	13°~32°S, 118°~132°W
Trip 14	88	201,480	Nov 19,2020-Mar 8,2021	13°~20°S, 116°~137°W
Trip 15	10	35,100	Feb 6, 2021-Feb 23, 2021	8°~13°S, 129°~148°W
Trip 16	138	480,541	May 25, 2020-Feb 2, 2021	8°~20°S, 95°~150°W

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

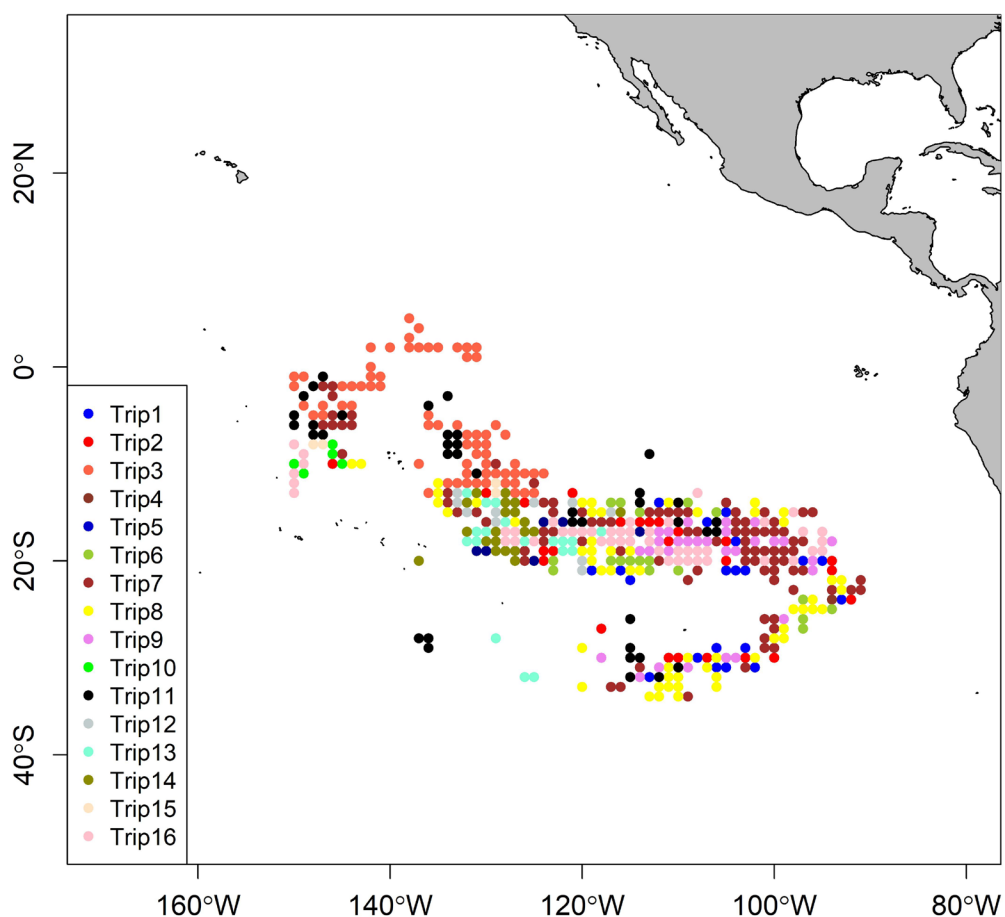


Fig. 1 Set stations of Chinese longline observer trips in 2021

2. Observer coverage

Based on current observer data, China's observer coverage in EPO for 2021 was **8.9%**. We suggested 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 2-17**.

There were no seabirds, turtles and marine mammals incidentally captured during the observation period of sixteen trips. Most of the sharks were discarded by China longliners in the EPO, especially for the Oceanic whitetip sharks 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*	11855	0.8669
<i>Thunnus albacares</i>	Yellowfin tuna	406	0.0297
<i>Katsuwonus pelamis</i>	Skipjack tuna	360	0.0263
<i>Acanthocybium solandri</i>	Wahoo	194	0.0142
<i>Lepidocybium flavobrunneum</i>	Escolar	188	0.0137
<i>Thunnus obesus</i>	Bigeye tuna	187	0.0137
<i>Lampris guttatus</i>	Opah	182	0.0133
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	146	0.0107
<i>Xiphias gladius</i>	Swordfish	43	0.0031
<i>Coryphaenahippurus</i>	Common dolphinfish	40	0.0029
<i>Tetrapturus audax</i>	Striped marlin	32	0.0023
<i>Makaira nigricans</i>	Blue marlin	27	0.0020
<i>Gymnosarda unicolor</i>	Dogtooth tuna	6	0.0004
<i>Brama brama</i>	Atlantic pomfret	4	0.0003
<i>Alepisaurus ferox</i>	Longnose lancetfish	2	0.0001
<i>Benthodesmus spp</i>	Frostfishes	1	0.0001
<i>Sphyrna barracuda</i>	Great barracuda	1	0.0001
<i>Ruvettus pretiosus</i>	Oilfish	1	0.0001
Total	-	13675	1

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 alalunga</i>	Albacore tuna*	15295	0.8815
<i>Katsuwonus pelamis</i>	Skipjack tuna	367	0.0212
<i>Lampris guttatus</i>	Opah	361	0.0208
<i>Acanthocybium solandri</i>	Wahoo	242	0.0139
<i>Thunnus albacares</i>	Yellowfin tuna	208	0.0120
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	194	0.0112
<i>Thunnus obesus</i>	Bigeye tuna	142	0.0082
<i>Lepidocybium flavobrunneum</i>	Escolar	112	0.0065
<i>Alepisaurus ferox</i>	Longnose lancetfish	111	0.0064
<i>Coryphaenahippurus</i>	Common dolphinfish	105	0.0061
<i>Dasyatis violacea</i>	Pelagic stingray	70	0.0040
<i>Xiphias gladius</i>	Swordfish	41	0.0024
<i>Prionace glauca</i>	Blue shark	40	0.0023

<i>Tetrapturus audax</i>	Striped marlin	40	0.0023
<i>Makaira mazara</i>	Blue marlin	20	0.0012
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	1	0.0001
<i>Alopiassuperciliosus</i>	Bigeye thresher	1	0.0001
<i>Lophotuscapellei</i>	Unicornfish	1	0.0001
Total	-	17351	1

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 obesus</i>	Bigeye tuna*	3842	0.2965
<i>Lepidocybium flavobrunneum</i>	Escolar	2959	0.2283
<i>Xiphias gladius</i>	Swordfish	1365	0.1053
<i>Prionace glauca</i>	Blue shark	1061	0.0819
<i>Dasyatis violacea</i>	Pelagic stingray	1047	0.0808
<i>Thunnus albacares</i>	Yellowfin tuna	772	0.0596
<i>Thunnus alalunga</i>	Albacore tuna	581	0.0448
<i>Gempylus serpens</i>	Snake mackerel	414	0.0319
<i>Taractichthys steindachneri</i>	sickle pomfret	251	0.0194
<i>Acanthocybium solandri</i>	Wahoo	212	0.0164
<i>Alopiassuperciliosus</i>	Bigeye thresher	170	0.0131
<i>Katsuwonus pelamis</i>	Skipjack tuna	97	0.0075
<i>Makaira nigricans</i>	Blue marlin	83	0.0064
<i>Lampris guttatus</i>	Opah	55	0.0042
<i>Coryphaenahippurus</i>	Dolphinfish	18	0.0014
<i>Isurus paucus</i>	Longfin mako	14	0.0011
<i>Mobula japonica</i>	Spinetail mobula	9	0.0007
<i>Alepisaurus ferrox</i>	Longnose lancetfish	6	0.0005
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	2	0.0002
<i>Isurus oxyrinchus</i>	Shortfin mako	2	0.0002
Total	-	12960	1

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*	1428	0.9629
<i>Thunnus obesus</i>	Bigeye tuna	18	0.0121

<i>Lampris guttatus</i>	Opah	14	0.0094
<i>Thunnus albacares</i>	Yellowfin tuna	12	0.0081
<i>Coryphaenahippurus</i>	Common dolphinfish	10	0.0067
<i>Lepidocybium flavobrunneum</i>	Escolar	1	0.0007
Total	-	1483	1

Note: * indicate target species

Table 6 Observed catch and composition during observer trip 5

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	4366	0.7329
<i>Katsuwonus pelamis</i>	Skipjack tuna	328	0.0551
<i>Acanthocybium solandri</i>	Wahoo	326	0.0547
<i>Thunnus obesus</i>	Bigeye tuna	307	0.0515
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	195	0.0327
<i>Lepidocybium flavobrunneum</i>	Escolar	158	0.0265
<i>Thunnus albacares</i>	Yellowfin tuna	155	0.0260
<i>Makaira nigricans</i>	Blue marlin	48	0.0081
<i>Lampris guttatus</i>	Opah	45	0.0076
<i>Xiphias gladius</i>	Swordfish	26	0.0044
<i>Coryphaenahippurus</i>	Common dolphinfish	1	0.0002
<i>Sphyrna barracuda</i>	Great barracuda	1	0.0002
<i>Tetrapturus audax</i>	Striped marlin	1	0.0002
Total	-	5957	1

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*	9925	0.8708
<i>Katsuwonus pelamis</i>	Skipjack tuna	389	0.0341
<i>Lepidocybium flavobrunneum</i>	Escolar	242	0.0212
<i>Thunnus obesus</i>	Bigeye tuna	176	0.0154
<i>Lampris guttatus</i>	Opah	169	0.0148
<i>Tetrapturus angustirostris</i>	Shortbill Spearfish	143	0.0125
<i>Acanthocybium solandri</i>	Wahoo	107	0.0094
<i>Thunnus albacares</i>	Yellowfin tuna	53	0.0047
<i>Coryphaenahippurus</i>	Dommon dolphinfish	40	0.0035
<i>Xiphias gladius</i>	Swordfish	32	0.0028

<i>Dasyatisviolacea</i>	Pelagic stingray	21	0.0018
<i>Alepisaurus ferox</i>	Longnose lancetfish	20	0.0018
<i>Gempylusserpens</i>	Snake mackerel	18	0.0016
<i>Tetrapturus audax</i>	Striped Marlin	18	0.0016
<i>Taractichthyssteindachneri</i>	Sickle pomfret	17	0.0015
<i>Makaira nigricans</i>	Blue marlin	4	0.0004
<i>Prionace glauca</i>	Blue shark	4	0.0004
<i>Alopiassuperciliosus</i>	Bigeye thresher	3	0.0003
<i>Pseudocarchariaskamoharai</i>	Crocodile shark	3	0.0003
<i>Isuruspaucus</i>	Longfin mako	3	0.0003
<i>Carcharhinus falciformis</i>	Silky shark	3	0.0003
<i>Istiophorusplatypterus</i>	Indo-Pacific sailfish	2	0.0002
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	2	0.0002
<i>Remora remora</i>	Shark sucker	1	0.0001
<i>Lophotuscapellei</i>	Unicornfish	1	0.0001
<i>Mola mola</i>	Ocean sunfish	1	0.0001
Total	-	11397	1

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*	17235	0.7121
<i>Alepisaurus ferox</i>	Longnose lancetfish	1677	0.0693
<i>Lepidocybium flavobrunneum</i>	Escolar	746	0.0308
<i>Lampris guttatus</i>	Opah	622	0.0257
<i>Thunnus obesus</i>	Bigeye tuna	559	0.0231
<i>Dasyatisviolacea</i>	Pelagic stingray	550	0.0227
<i>Thunnus albacares</i>	Yellowfin tuna	465	0.0192
<i>Katsuwonus pelamis</i>	Skipjack tuna	440	0.0182
<i>Acanthocybium solandri</i>	Wahoo	375	0.0155
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	364	0.0150
<i>Prionace glauca</i>	Blue shark	329	0.0136
<i>Taractes rubescens</i>	Dagger pomfret	228	0.0094
<i>Coryphaenahippurus</i>	Common dolphinfish	164	0.0068
<i>Taractichthys steindachneri</i>	Sickle pomfret	136	0.0056
<i>Xiphias gladius</i>	Swordfish	129	0.0053
<i>Tetrapturus audax</i>	Striped Marlin	93	0.0038
<i>Alopiassuperciliosus</i>	Bigeye thresher	14	0.0006
<i>Makaira nigricans</i>	Blue marlin	14	0.0006
<i>Isurus paucus</i>	Shortfin mako	12	0.0005

<i>Gempylusserpens</i>	Snake mackerel	12	0.0005
<i>Pseudocarchariaskamoharai</i>	Crocodile shark	11	0.0005
<i>Lophotuscapellei</i>	Unicornfish	5	0.0002
<i>Brama brama</i>	Atlantic pomfret	4	0.0002
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	4	0.0002
<i>Assurgeranzac</i>	Razorback scabbardfish	4	0.0002
<i>Scymnodonsquamulosus</i>	Velvet dogfish	4	0.0002
<i>Isuruspaucus</i>	Longfin mako	3	0.0001
<i>Gasterochisma melampus</i>	Butterfly kingfish	2	0.0001
<i>Ranzanialaevis</i>	Slender sunfish	2	0.0001
<i>Cubicepsgracilis</i>	Driftfish	1	0.0000
Total	-	24204	1

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*	13124	0.8872
<i>Katsuwonus pelamis</i>	Skipjack tuna	291	0.0197
<i>Thunnus albacares</i>	Yellowfin tuna	264	0.0178
<i>Lampris guttatus</i>	Opah	232	0.0157
<i>Thunnus obesus</i>	Bigeye tuna	225	0.0152
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	222	0.0150
<i>Acanthocybium solandri</i>	Wahoo	109	0.0074
<i>Coryphaenahippurus</i>	Common dolphinfish	91	0.0062
<i>Lepidocybium flavobrunneum</i>	Escolar	89	0.0060
<i>Ruvettuspretiosus</i>	Oilfish	78	0.0053
<i>Tetrapturus audax</i>	Striped marlin	41	0.0028
<i>Xiphias gladius</i>	Swordfish	12	0.0008
<i>Makaira nigricans</i>	Blue marlin	6	0.0004
<i>Makaira indica</i>	Black marlin	2	0.0001
<i>Dasyatisviolacea</i>	Pelagic stingray	2	0.0001
<i>Mobula japonica</i>	Spinetailmobula	1	0.0001
<i>Alepisaurus ferox</i>	Longnose lancetfish	1	0.0001
<i>Isuruspaucus</i>	Longfinmako	1	0.0001
<i>Thunnus orientalis</i>	Pacific bluefin tuna	1	0.0001
Total	-	14792	1

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*	9041	0.7294
<i>Dasyatisviolacea</i>	Pelagic stingray	1372	0.1107
<i>Gempylusserpens</i>	Snake mackerel	919	0.0741
<i>Lampris guttatus</i>	Opah	286	0.0231
<i>Alepisaurus ferox</i>	Longnose lancetfish	273	0.0220
<i>Tetrapturusangustirostris</i>	Shortbill spearfish	133	0.0107
<i>Thunnus obesus</i>	Bigeye tuna	96	0.0077
<i>Katsuwonus pelamis</i>	Skipjack tuna	81	0.0065
<i>Lepidocybium flavobrunneum</i>	Escolar	52	0.0042
<i>Sphyrnaena barracuda</i>	Great barracuda	52	0.0042
<i>Thunnus albacares</i>	Yellowfin tuna	45	0.0036
<i>Tetrapturus audax</i>	Striped Marlin	17	0.0014
<i>Xiphias gladius</i>	Swordfish	16	0.0013
<i>Coryphaenahippurus</i>	Dolphinfish	12	0.0010
Total	-	12395	1

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*	199	0.5349
<i>Thunnus albacares</i>	Yellowfin tuna	79	0.2124
<i>Thunnus obesus</i>	Bigeye tuna	24	0.0645
<i>Acanthocybium solandri</i>	Wahoo	15	0.0403
<i>Katsuwonus pelamis</i>	Skipjack tuna	13	0.0349
<i>Lepidocybium flavobrunneum</i>	Escolar	12	0.0323
<i>Dasyatisviolacea</i>	Pelagic stingray	10	0.0269
<i>Tetrapturusangustirostris</i>	Shortbill spearfish	10	0.0269
<i>Alepisaurus ferox</i>	Longnose lancetfish	5	0.0134
<i>Makaira nigricans</i>	Blue marlin	2	0.0054
<i>Prionace glauca</i>	Blue shark	2	0.0054
<i>Lampris guttatus</i>	Opah	1	0.0027
Total	-	372	1

Note: * indicate target species

Table 12 Observed catch and composition during observer trip 11

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	4841	0.5626
<i>Thunnus obesus</i>	Bigeye tuna	1139	0.1324
<i>Thunnus albacares</i>	Yellowfin tuna	588	0.0683
<i>Lampris guttatus</i>	Opah	524	0.0609
<i>Lepidocybium flavobrunneum</i>	Escolar	383	0.0445
<i>Katsuwonus pelamis</i>	Skipjack tuna	341	0.0396
<i>Xiphias gladius</i>	Swordfish	129	0.0150
<i>Acanthocybium solandri</i>	Wahoo	124	0.0144
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	122	0.0142
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	119	0.0138
<i>Coryphaenahippurus</i>	Common dolphinfish	118	0.0137
<i>Tetrapturus audax</i>	Striped marlin	99	0.0115
<i>Ruvettus pretiosus</i>	Oilfish	62	0.0072
<i>Makaira nigricans</i>	Blue marlin	10	0.0012
<i>Makaira indica</i>	Black marlin	5	0.0006
Total	-	8604	1

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*	2529	0.8072
<i>Katsuwonus pelamis</i>	Skipjack tuna	187	0.0597
<i>Gempylus serpens</i>	Snake mackerel	87	0.0278
<i>Acanthocybium solandri</i>	Wahoo	72	0.0230
<i>Thunnus obesus</i>	Bigeye tuna	54	0.0172
<i>Thunnus albacares</i>	Yellowfin tuna	49	0.0156
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	43	0.0137
<i>Prionace glauca</i>	Blue shark	29	0.0093
<i>Makaira nigricans</i>	Blue marlin	26	0.0083
<i>Ruvettus pretiosus</i>	Oilfish	22	0.0070
<i>Sphyrnaena barracuda</i>	Great barracuda	11	0.0035
<i>Dasyatis violacea</i>	Pelagic stingray	10	0.0032
<i>Xiphias gladius</i>	Swordfish	6	0.0019
<i>Lampris guttatus</i>	Opah	4	0.0013
<i>Taractichthys steindachneri</i>	Sickle pomfret	3	0.0010

<i>Alopiassuperciliosus</i>	Bigeye thresher	1	0.0003
Total	-	3133	1

Note: * indicate target species

Table 14 Observed catch and composition during observer trip 13

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	3418	0.7211
<i>Katsuwonus pelamis</i>	Skipjack tuna	363	0.0766
<i>Dasyatisviolacea</i>	Pelagic stingray	150	0.0316
<i>Thunnus obesus</i>	Bigeye tuna	146	0.0308
<i>Acanthocybium solandri</i>	Wahoo	140	0.0295
<i>Alepisaurus ferox</i>	Longnose lancetfish	131	0.0276
<i>Lepidocybium flavobrunneum</i>	Escolar	92	0.0194
<i>Thunnus albacares</i>	Yellowfin tuna	89	0.0188
<i>Tetrapturus angustirostris</i>	Shortbill Spearfish	74	0.0156
<i>Makaira nigricans</i>	Blue marlin	54	0.0114
<i>Xiphias gladius</i>	Swordfish	30	0.0063
<i>Coryphaenahippurus</i>	Common dolphinfish	22	0.0046
<i>Lampris guttatus</i>	Opah	17	0.0036
<i>Gempylusserpens</i>	Snake mackerel	7	0.0015
<i>Taractichthys steindachneri</i>	Sickle pomfret	3	0.0006
<i>Tetrapturus audax</i>	Striped Marlin	3	0.0006
<i>Istiophorus platypterus</i>	Indo-Pacific sailfish	1	0.0002
Total	-	4740	1

Note: * indicate target species

Table 15 Observed catch and composition during observer trip 14

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	3268	0.6642
<i>Katsuwonus pelamis</i>	Skipjack tuna	358	0.0728
<i>Omosudis lowei</i>	Omosudid	320	0.0650
<i>Dasyatis violacea</i>	Pelagic stingray	176	0.0358
<i>Acanthocybium solandri</i>	Wahoo	159	0.0323
<i>Tetrapturus angustirostris</i>	Shortbill spearfish	122	0.0248
<i>Lepidocybium flavobrunneum</i>	Escolar	112	0.0228
<i>Thunnus obesus</i>	Bigeye tuna	96	0.0195
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	92	0.0187

<i>Thunnus albacares</i>	Yellowfin tuna	66	0.0134
<i>Makaira nigricans</i>	Blue marlin	62	0.0126
<i>Xiphias gladius</i>	Swordfish	35	0.0071
<i>Lampris guttatus</i>	Opah	26	0.0053
<i>Tetrapturus audax</i>	Striped marlin	17	0.0035
<i>Taractichthys steindachneri</i>	Sickle pomfret	7	0.0014
<i>Coryphaenahippurus</i>	Common dolphinfish	4	0.0008
Total	-	4920	1

Note: * indicate target species

Table 16 Observed catch and composition during observer trip 15

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	81	0.2774
<i>Thunnus obesus</i>	Bigeye tuna	52	0.1781
<i>Thunnus albacares</i>	Yellowfin tuna	46	0.1575
<i>katsuwonus pelamis</i>	Skipjack tuna	40	0.1370
<i>Dasyatis violacea</i>	Pelagic stingray	34	0.1164
<i>Lepidocybium flavobrunneum</i>	Escolar	16	0.0548
<i>Prionace glauca</i>	Blue shark	12	0.0411
<i>Makaira nigricans</i>	Blue marlin	6	0.0205
<i>Acanthocybium solandri</i>	Wahoo	4	0.0137
<i>Tetrapturus angustirostris</i>	Shortbill Spearfish	1	0.0034
Total	-	292	1

Note: * indicate target species

Table 17 Observed catch and composition during observer trip 16

Scientific name	English name	Observed catch in number	Percentage (%)
<i>Thunnus alalunga</i>	Albacore tuna*	6461	0.8003
<i>katsuwonus pelamis</i>	Skipjack tuna	539	0.0668
<i>Thunnus obesus</i>	Bigeye tuna	238	0.0295
<i>Dasyatis violacea</i>	Pelagic stingray	210	0.0260
<i>Thunnus albacares</i>	Yellowfin tuna	150	0.0186
<i>Prionace glauca</i>	Blue shark	148	0.0183
<i>Acanthocybium solandri</i>	Wahoo	116	0.0144
<i>Lepidocybium flavobrunneum</i>	Escolar	111	0.0137
<i>Lampris guttatus</i>	Opah	55	0.0068

<i>Makaira nigricans</i>	Blue marlin	27	0.0033
<i>Tetrapturus audax</i>	Striped marlin	15	0.0019
<i>Xiphias gladius</i>	Swordfish	3	0.0004
Total	-	8073	1

Note: * indicate target species

Template for annual summary reports on fleet information and observer data for longline vessels >20 m LOA
operating in the EPO

(adopted by the 10th Meeting of the IATTC Scientific Advisory Committee, May 2019)

CPC China

FLEET INFORMATION (vessels > 20 m LOA)									
Period covered	Both set types combined			Shallow sets (< 15 HPB/HBF ¹ or <100 m max hook depth)			Deep sets (≥15 HPB/HBF or ≥100 m max hook depth)		
	Date range 01-01-2021-12-31-2021			Date range DD-MMM-YY-DD-MMM-YY			Date range 01-01-2021-12-31-2021		
Area fished	from 91° W to 150° W and from 05° N to 34° S			from(XXX)° W to (XXX)° W and from (XX)° S/N to (XX)° S/N			from 91° W to 150° W and from 05° N to 34° S		
	Total Fleet	Observed	% observed	Total Fleet	Observed	% observed	Total Fleet	Observed	% observed
No. of vessels that fished	196	16	0.082	0	0	0	196	16	0.082
No. of trips				0	0	0			
No. of effective days fishing	27414	2515	0.092	0	0	0	27414	2515	0.092
No. of sets	27414	2527	0.092	0	0	0	27414	2527	0.092
No. of hooks (in thousands) (If unknown, approx. no. of hooks/set, using a *)	70023	6250	0.089	0	0	0	70023	6250	0.089
Predominant ² hook type/size (IATTC code)	C-16	C-16					C-16	C-16	
Predominant bait type ³	F	F					F	F	

¹ Hooks per basket/ Hooks between floats

² Predominant' means most common, i.e. >50%

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

