



**SCIENTIFIC COMMITTEE
SEVENTEENTH REGULAR SESSION**

ELECTRONIC MEETING

11-19 August 2021

**ANNUAL REPORT TO THE COMMISSION
PART 1: INFORMATION ON FISHERIES, RESEARCH AND STATISTICS**

WCPFC-SC17-AR/CCM-03 (Rev.02)

CHINA



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Annual Report to the Commission

Part 1: Information on Fisheries, Research and Statistics

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Part 1: Information on Fisheries, Research and Statistics

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| | |
|---|------------|
| Scientific data was provided to the Commission in accordance with the decision relating to the provision of scientific data to the Commission by 30 April 2021 | YES |
|---|------------|

Summary

There are two types of tuna fisheries in the WCPFC Convention Areas: longline and purse seine fisheries. In 2020, 352 longliners and 14 purse seiners flying the Chinese flag (including 13 chartered and 1 unchartered vessels) operated in the WCPFC Convention Areas. The total catch of tuna and tuna-like species by longline fishery and purse seine fishery was estimated to be 41,356 MT and 6,485 MT (only for unchartered vessel), respectively. The catch of bigeye tuna, yellowfin tuna, and albacore by the longline fishery was 7,403 MT, 10,115 MT and 20,656 MT, respectively. The catch of skipjack, yellowfin tuna and bigeye tuna by the purse seine fishery were estimated 6,022 MT, 387 MT and 76 MT, respectively. Catch by Chinese deep-frozen longline fishery for bigeye is exported to Japan for sashimi and catch by fresh-tuna longline for albacore is sold for cannery products. Catch by the purse seine fishery for skipjack is also sold for cannery products. From January 2020 to April 2021, twenty-five (25) scientific observers were trained and dispatched to the Chinese longline vessels in the Pacific Ocean. Fisheries and biological data were collected during the observer trips. Data coverage for catch and effort was 100%. The logbook coverage for the longline fishery has been improved, which greatly improves the quality of the data China has collected.

1. Introduction

China began to develop its oceanic tuna fisheries in 1988 in the Pacific Ocean and this region is one of the earliest fishing grounds for China tuna fishery. There are currently two types of tuna fisheries in the WCPFC Convention area: longline (LL) fishery and purse seine (PS) fishery. The catch of four main tuna species (skipjack, yellowfin tuna, bigeye tuna and albacore) by China in 2004 was 40,165 MT. Catch of the four species hit a historical record of 112,260 MT in 2009, but decreased to 81,938 MT in 2010. It should be noted that above-mentioned catch does not include the catch from overlapping areas (S04- S40, W130-W150). Catch of the four species was 91,302 MT in 2012 (including the catch from overlapping areas), which sharply decreased comparing to 2011. In 2020, the catch of the four species rebounded to 44,659 MT in the WCPFC Convention Areas.

2. Fleet structure

2.1 LL

All the Chinese LL vessels operated on the high seas and EEZs of Pacific Islands Countries (PIC). The number of LL fishing vessels has shown an increase trend since 2000. Table 1A shows the number of Chinese LL vessels operating in the WCPFC Convention Area in 2015-2019. The number of LL vessels was 418 in 2016, 362 in 2017, 364 in 2018, 364 in 2019 and 352 in 2020.

Size of the LL vessels ranged from 190 GT to 634 GT. There are three types of tuna longline vessels, namely frozen LL target albacore (FLL), deep frozen LL target tropical tuna (DFLL) and ice fresh LL vessel target tropical tuna (IFLL). Table 1B shows the China LL vessels information in convention area in 2020. The number of FLL, IFLL and DFLL vessel was 263, 30 and 59 respectively in 2020.

Most of the DFLL and FLL vessels operated on the high seas and the EEZs of PIC. The IFLL vessels mainly operated in the EEZs of PIC, especially of Solomon Islands, Marshall Islands etc.

2.2 PS

Chinese fleet entered the WCPFC tropical purse seine fishery in 2001, and it has become very important for the China tuna fishery. The number of PS vessels maintained in a steady level of 12-14 during 2009-2013. Several old purse seine vessels have been replaced by newly built vessels in the recent years. In 2020 there are 14 purse seiners flagged China fishing in the WCPFC Convention area. Table 1 shows the number of Chinese PS vessels operating in the WCPFC Convention area in 2016-2020.

3. Catch by species and fishery

3.1 LL

The total catch by Chinese LL in the WCPFC Convention area from 2016 to 2020 was shown in Table 2. The total catch of tuna and tuna-like species in the longline fishery was 41,356 MT in 2020. The catch mainly consists of ALB, BET and YFT. In 2020, the percentages of ALB, BET and YFT by LL were 49.9%, 17.9% and 24.4%, respectively.

Table 3 shows the catch of non-target species caught by Chinese LL in the WCPFC Convention Area from 2016 to 2020, mainly including three billfishes species (striped marlin, blue marlin, and black marlin) and three shark species (blue shark, shortfin mako and Oceanic whitetip).

3.2 PS

The total catch by Chinese PS (for one chartered vessel) in the WCPFC Convention area from 2016 to 2020 was shown in Table 2. The catch was 53,716 MT in 2010, increased to 77,551 MT in 2011, then sharply decreased to 49,148 MT in 2012. In 2020, the main catch species by the PS fishery were skipjack, yellowfin, and bigeye tuna. The catch of bigeye tuna (mainly juveniles) was estimated to 76 MT. The catch of yellowfin tuna was estimated to 387 MT. The catch of skipjack was estimated to

6,022 MT. The catch for the Chinese purse seine fleet are excluded those from the chartered vessels during the chartered period. The total catch of Chinese PS fleets in 2020 (6,485 MT) decreased 0.6% compared to the catch in 2019 (6,518 MT). Thirteen of the fourteen purse seiners flagged China were chartered to Pacific Islands countries in 2019. The chartering CCMs are responsible for reporting the catches for the fourteen fishing vessels.

4. Disposal of Catch

Bigeye tuna and yellowfin tuna caught by longline vessels operating in the Exclusive Economic Zone (EEZ) of Pacific Island Countries and on the high seas were exported to Japan sashimi market. Other species caught as by-catch are sold to local market of operating ports. Albacore catch was landed at Fiji for cannery. Catch in the PS fishery was mostly transshipped to Thailand for cannery as well.

5. Research and Statistics

5.1 Observer programme

In order to have a high standard of scientific observer program, scientific observers are rigorously trained for collecting the fishery data of tunas and other pelagic fish stocks, including size-frequency data of all pelagic fishes as well as sea turtle information. Six (6) observers were sent to the Chinese longline vessels on the high seas in 2011, and then eight (8) observers in 2012, nine (9) observers in 2013, six (6) in 2014, eight (8) in 2015, fifteen (15) in 2016, twenty-seven (27) in 2017, twenty-two (22) in 2018, and thirty-nine (39) in 2019. During 2020, twenty-five (25) scientific observers were dispatched for the Pacific Ocean (Figure 1). Table 4 presents observer trip information on areas, time periods, total hooks and hooks per basket etc. Table 5 shows the observer coverage information.

5.2 Data collection system

The Ministry of Agriculture and Rural Affairs (MARA) of China, is leading and supervising the data collection of Chinese tuna fisheries. National-wide meetings on tuna data quality have been organized at least once a year in recent years. Participants included managers of tuna fishing companies and tuna-related fishery enterprises. Each vessel of every company engaged in tuna fishing is required to report fishery data (such as catch and effort by species, month, gear, area etc.) to China Overseas Fisheries Association (COFA). Data coverage of catch and effort is 100%. COFA and Shanghai Ocean University (SHOU) host and maintain the fishery and observer database for the tuna fisheries of China

Since 2008, each LL vessel is required by the Bureau of Fisheries (BOF) to use standard logbook which is modified frequently according to the latest applicable

CMMs, and return it back to SHOU before the end of March the following year. The data containing in the logbook are evaluated and audited to ensure the good quality for the data collected.

Another important way to collect size data is port sampling. Port-sampling program conducted in domestic ports aims at collecting length data of tunas and other species. Measurement is done when unloading from fishing vessels or in the processing plants.

6 Implementation of Conservation and Management Measures

6.1 CMM 2019-03

In accordance with CMM 2019-03, all CCMs shall report annually to the WCPFC Commission all catches of albacore north of the equator and all fishing effort north of the equator in fisheries directed at albacore.

In 2020, the total catch of north Pacific albacore by the Chinese fishing fleet was 847.5 MT in the north Convention area, and 10 vessels (1075 vessel days) targeted at albacore in the North Pacific Ocean. Fishing effort in fishing days for North Pacific albacore was shown in Table 6.

6.2 CMM 2006-04

In accordance with CMM 2006-04, CCMs shall report annually to the Commission the catch levels of their fishing vessels that have taken striped marlin as bycatch as well as the number and catch levels of vessels fishing for striped marlin in the Convention Area south of 15°S.

The bycatch of striped marlin in the Convention area south of 15°S in 2020 is 39.15 MT. None of China's fishing vessels targets at striped marlin.

6.3 CMM 2009-03

In accordance with CMM 2009-03, the number of the fishing vessels for swordfish in the Convention Area south of 20°S was limited to the number in any year during 2000-2005, and the catch of swordfish caught in the Convention Area south of 20°S is limited to the amount caught in any year during the period 2000-2006.

China has no vessels targeting swordfish. The total catch on the stock south of 20°S in 2020 in the Convention Area was 38.81 MT, which was reported to the Commission by April 30 2020.

6.4 CMM 2009-06

In accordance with CMM 2009-06, CCMs shall report on all transshipment activities (including transshipment activities that occur in ports or EEZs) in Part 1 of its Annual Report. The summary information of transshipment activities of our fishing fleets in 2020 was shown in Table 7.

6.5 CMM 2010-07

In accordance with CMM 2010-07, each CCM shall include key shark species, as identified by the Scientific Committee, in their annual reporting to the Commission of annual catch and fishing effort statistics by gear type, including available historical data, in accordance with the WCPF Convention and agreed reporting procedures.

Shark is one of the bycatch species for the longline fishing by Chinese vessel. Official document on tuna fishery was issued and distributed to each tuna fishing company every year by the MARA, where detailed requirements are clearly specified to the vessel owner. Such requirements include, for example, VMS, data collecting and reporting, observer, statistical document, seabird and sea turtle mitigation, and bycatch such as shark. In the Notification by General Office of MARA on Further Strictly Comply with International Tuna Measures issued on 7 January 2019, it requires that: (1) All tuna enterprises and fishing vessels shall, to the greatest possible, avoid or reduce catching sharks. Except the no retention shark species, fishing vessels fish for tunas shall fully utilize harvested sharks (i.e. keeping shark carcass and fin, excepting head, guts, and skins). The weight of shark fin on board shall not be over 5% of the weight of sharks on board up to the first point of landing. Fishing vessels are encouraged to take measures including shark fin and shark carcass naturally attached, fin and carcass binding together or using corresponding labels. (2) It shall prohibit retaining on board, transshipping and landing the following shark species: whitetip sharks and silky sharks in WCPFC Area. If fishing vessels caught the above shark species incidentally, the sharks shall be immediately released without further harm under the precondition of ensuring the safety of crew, and to record the details in the fishing log books accurately (with indication of status when releasing: dead/alive). (3) Prohibition of using “shark lines”: longline vessels operating in the Pacific Ocean shall be prohibited using “shark lines” (individual lines attached to the float line or to the floats directly, and used to target sharks).

Each tuna longline vessel, no matter of its fishing ground, is required to precisely record the shark as bycatch in the logbook. More than 20 species, including 9 shark species, are required to be recorded in the logbook. Failure to record accurately will lead to sanctions by the government, as China implements performance review on each fishing company on an annual basis. Pictures of major shark species are printed in the logbook to assist the fishermen to easily identify the shark caught in fishing operations.

Bycatch data, including those for shark, are collected on a monthly basis, though sometimes need to be verified, by the China Overseas Fisheries Association. Such data, together with other data on tuna species, are forwarded to the Consultant Team at Shanghai Ocean University for an evaluation of their quality. Fishing companies that fail to report accurate/reasonable data are reported to the fisheries authority of

China by the Team for questioning and possible penalty, including suspension of fishing permits of the vessel in question.

Shark data are reported to the Commission before the deadline of data submission. In 2020, only two shark species were retained as bycatch in WCPFC by Chinese fishing fleet, most of which are blue sharks which constitutes almost 93% of the total retained bycatch of shark.

6.6 CMM 2011-03 and CMM 2012-04

In accordance with CMM 2011-03 and CMM 2012-04, CCMs shall advise in their Part 1 Annual Report of any instances in which cetaceans, mantas, ray and whale sharks have been encircled by the purse seine nets of their flagged vessels, respectively.

In 2020, 10 events about cetaceans encircled by the purse seine nets reported to our official authority and five vessels involved were SHUN FA 8, XIN SHI JI 111, XIN SHI JI 112, JIN HUI 8 and ZHONG TAI 3.

In 2020, 12 events about mantas and rays encircled by the purse seine nets reported to our official authority and vessel involved was only JIN HUI 8.

In 2020, 6 events about whale sharks encircled by the purse seine nets reported to our official authority and seven vessels involved were JIN LIAO YU 57, JIN LIAO YU 77, ZHONG TAI 3 and XIN SHI JI 112.

The detailed event record regarding the two issues mentioned above can be found in the attachment Table 8a and 8b as well as Table 9.

Notification by General Office of Ministry of Agriculture on further Strictly Comply With International Tuna Measures is departmental regulations, revised by Ministry of Agriculture and rural affairs in 2019, is a specific legislation for manage distant water fisheries. In Article X, bycatch species, paragraph 4, Cetaceans or Whale Sharks, it states that ' If a cetacean or a whale shark is sighted prior to commencement of the set, a tuna purse seiner vessel is prohibited from setting a purse seine net on a school of tuna associated with a cetacean or a whale shark '. So we have clear national regulations regarding the protection of whale sharks.

6.7 CMM 2011-04

In accordance with CMM 2011-04, each CCM shall estimate, through data collected from observer programs and other means, the number of releases of oceanic whitetip shark, including the status upon release (dead or alive), and report this information to the WCPFC in Part 1 of their Annual Reports.

In 2020, our observers from longliners recorded 100 dead, 77 alive oceanic whitetip

sharks in the WCPFC Convention Area, and we used this information to estimate the status of released oceanic whitetip shark captured by our entire longline fleets which was 1770 (1000 dead, 770 alive).

In 2020, 10 events about oceanic whitetip shark encircled by the Chinese purse seine fleets reported to our official authority, the detailed event record can be found in the attachment Table 10.

6.8 CMM 2018-03

In accordance with CMM 2018-03, CCMs shall annually provide to the Commission, in part 1 of their annual reports, all available information on interactions with seabirds reported or collected by observers, including mitigation used, observed and reported species specific seabird bycatch rates and numbers, to enable the Scientific Committee to estimate seabird mortality in all fisheries to which the WCPFC Convention applies.

The fisheries authority of China required fishing vessels to take appropriate measures to mitigate incidental catch of seabirds, although China fishing vessels almost operate in the areas between 23°N and 30°S.

Affected by the COVID-19 pandemic, China Overseas Fisheries Association organized a training meeting on the bycatch mitigation of seabirds and sharks online. Mitigation method was emphasized by experts from SHOU for the industry people, managers, and stakeholders. The information regarding interactions with seabirds reported by observers was shown in Table 11-13.

Notification by General Office of Ministry of Agriculture to further Strictly Comply With International Tuna Measures is departmental regulations, revised by Ministry of Agriculture and rural affairs in 2019, is a specific legislation to manage distant water fisheries. In Article X, by catch species, paragraph 2, Seabirds, it states that 'Longline vessels operating in the area south of 25°S in the Atlantic Ocean, in the area south of 25°S in the Indian Ocean and in the area north of 23°N and south of 30° S in the Pacific Ocean shall use two mitigation measures from equipping Tori lines, night setting and weighted branch lines'. In subparagraph 2, it states that 'Starting from 1 January 2020, among mitigation measures of Tori lines, weighted branch lines and hook-shielding devices, longline vessels fishing in the area 25°S -30°S in the Western and Central Pacific Ocean shall use one of three measures.'

6.9 CMM 2013-08

In accordance with CMM 2013-08, CCMs shall estimate, through data collected from observer programs and other means, the number of releases of silky shark caught in the Convention Area, including the status upon release (dead or alive), and report this information to the WCPFC in Part 1 of their Annual Reports.

In 2020, there were 49 dead, 161 alive of silky sharks recorded in our longline observer data in the WCPFC Convention Area. We estimated that there were 307 (72 dead, 235 alive) for the entire longline fleet based on the information by our observer data. All the alive silky sharks were released and the dead ones were discarded.

In 2020, 673 events about silky shark encircled by the Chinese purse seine fleets reported to our official authority, the detailed event record can be found in the attachment Table 14.

6.10 CMM 2015-02

In accordance with CMM 2015-02, CCMs shall report annually to the Commission the annual catch levels taken by each of their fishing vessels that has taken South Pacific albacore, as well as the number of vessels actively fishing for South Pacific albacore, in the Convention area south of 20°S.

The catch of South Pacific albacore in the convention area south of 20°S in 2020 by China fishery fleet was 3594.0 MT. There were 35 vessels actively fishing on the high sea in the Convention area south of 20°S.

6.11 CMM 2010-10

According to the CMM 2010-10, Para 5c of the Measure stipulates that: 2013 and beyond: [20%] reduction of the highest catch between 2000 and 2003. Measures taken by China on the stock include:

- (1) the fisheries authority of China made an arrangement to observe the catch limit as decided by the CMM, and accordingly, we set catch limit of 137.6 MT in 2014;
- (2) the stock is included in the logbook for China longline fishery, and vessel master has to record the catch in the logbook correctly;
- (3) catch data by longline vessel are submitted to the fishery authority on a monthly basis;
- (4) fishing gear modification: vessels operating in the area applicable to the Measure are encouraged to use monofilament instead of wire leader to reduce the catch of such stock; and
- (5) vessels are encouraged not to operate in fishing grounds where a large amount of such stock may be harvested.

The catch by China for North Striped Marlin in the area applicable to the CMM is 46.8 MT in 2020. None of our fishing vessel targets for striped marlin.

6.12 Sea turtle information

For the longline fishing by Chinese vessel, sea turtle is one of the by-catch species that have to be accurately recorded in the logbook. The fisheries authority of China officially issued Logbook for Tuna Fisheries in 2008, and each tuna longline vessel, no matter of its fishing ground, is required to precisely record the sea turtle bycatch. Failure to doing so will lead to sanctions by the government, as China implements performance review on each fishing company on annual basis.

Booklets/posters on some sea turtles are printed and distributed to each longline vessel. Mitigation devices, such as de-hookers and cutters, and user manual are provided to each longline vessel since September 2009 free of charge by China Overseas Fisheries Association. All the devices were dispatched to all the longline vessels, including those operating in WCPFC area. Fishing companies are trained on proper treatment, including safe release, on sea turtle.

For purse seine fishery, there are two reports related to sea turtles to our official authority in 2020 and the detailed event record can be found in the attachment Table 15. Eighteen sea turtles (14 olive Ridley turtles, 1 hawksbill turtle and 3 green turtles) were captured by China longline vessels according to the report of observers in 2020, and the specific information was reported in the China observer report.

Table 1A Number of Chinese tuna fishing vessels operating in the WCPFC Convention area in 2016-2020

| Year | LL | PS | Total |
|------|-----|----|-------|
| 2016 | 418 | 16 | 434 |
| 2017 | 362 | 16 | 378 |
| 2018 | 364 | 15 | 379 |
| 2019 | 364 | 15 | 379 |
| 2020 | 352 | 14 | 366 |

Note: Both LL vessels and PS vessels include chartered vessels

Table 1B China LL vessels operation in Convention Area in 2020

| Metric Tons | Frozen LL target Albacore | Deep Frozen LL target tropical tuna | Ice Fresh LL vessel target Tropical Tuna |
|-------------|------------------------------|--|---|
| 0-50 | 0 | 0 | 0 |
| 50-200 | 55 | 0 | 30 |
| 200-500 | 208 | 9 | 0 |
| 500 | 0 | 50 | 0 |
| Total | 263 | 59 | 30 |

Table 2 Nominal catch of tuna and tuna-like species by the Chinese tuna fishery in the WCPFC Convention area in 2016-2020

(Unit of catch: MT in round weight)

| Year | Gear | ALB | BET | YFT | SKJ | SWO | BIL | OTH | Total |
|------|-------|-------|------|-------|-------|------|------|-----|-------|
| 2016 | LL | 16175 | 8195 | 6559 | 0 | 1806 | 2095 | 895 | 35725 |
| | PS | 0 | 325 | 3805 | 13292 | 0 | 0 | 0 | 17422 |
| | Total | 16175 | 8520 | 10364 | 13292 | 1806 | 2095 | 895 | 53147 |
| 2017 | LL | 29252 | 7023 | 8526 | 0 | 1656 | 1714 | 614 | 48785 |
| | PS | 0 | 326 | 4254 | 10895 | 0 | 0 | 0 | 15475 |
| | Total | 29252 | 7349 | 12780 | 10895 | 1656 | 1714 | 614 | 64260 |
| 2018 | LL | 21295 | 8695 | 9031 | 0 | 2567 | 2024 | 682 | 44294 |
| | PS | 0 | 26 | 172 | 1775 | 0 | 0 | 0 | 1973 |
| | Total | 21295 | 8721 | 9203 | 1775 | 2567 | 2024 | 682 | 46267 |
| 2019 | LL | 22679 | 8644 | 10010 | 0 | 1571 | 1576 | 811 | 45291 |
| | PS | 0 | 28 | 297 | 6193 | 0 | 0 | 0 | 6518 |
| | Total | 22679 | 8672 | 10307 | 6193 | 1571 | 1576 | 811 | 51809 |
| 2020 | LL | 20656 | 7403 | 10115 | 0 | 1134 | 1314 | 734 | 41356 |
| | PS | 0 | 76 | 387 | 6022 | 0 | 0 | 1 | 6485 |
| | Total | 20656 | 7479 | 10502 | 6022 | 1134 | 1314 | 735 | 47841 |

Note: BIL includes striped marlin, blue marlin and black marlin; OTH includes sharks and other species.

Table 3 Catch of non-target species by the Chinese LL tuna fishery in the WCPFC Convention Area from 2016 to 2020

(Unit of catch: MT or individuals)

| Species | Billfish(MT) | | | Sharks(individuals) | | |
|---------|----------------|-------------|--------------|---------------------|---------------|------------------|
| | Striped marlin | Blue marlin | Black marlin | Blue shark | Shortfin mako | Oceanic Whitetip |
| 2016 | 128 | 1892 | 75 | 261 | 23 | / |
| 2017 | 124 | 1571 | 19 | / | / | / |
| 2018 | 277 | 1724 | 23 | / | / | / |
| 2019 | 190 | 1375 | 11 | / | / | / |
| 2020 | 150 | 1139 | 24 | / | / | / |

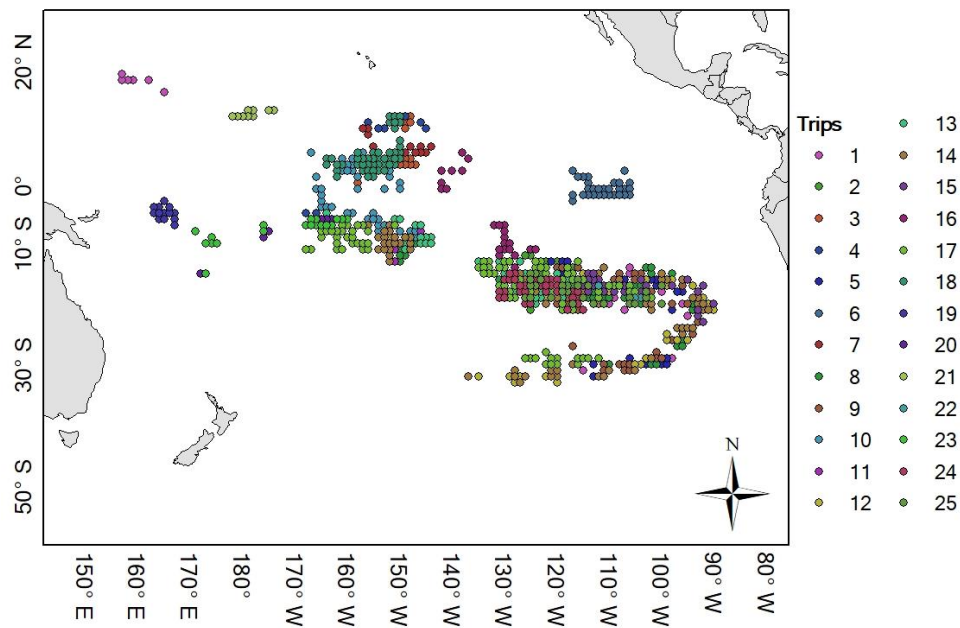


Figure 1 Position of Chinese scientific observer trip during 2020 in Pacific

Table 4 Trip information of Chinese scientific observer deployed in the Pacific Ocean during 2020

| Trip | Fishing areas | Period | Set | Fishing days | Total hooks | HPB | Type |
|------|------------------------------------|-----------------------------------|-----|--------------|-------------|-----|------|
| 1 | N18°49'-S32°39', E157°44'-W93°41' | June.16, 2020-March.14, 2021 | 116 | 116 | 498190 | 23 | D |
| 2 | S12°55'-S21°42', W112°05'-W126°23' | May.13, 2020-March.20, 2021 | 153 | 153 | 642934 | 26 | F |
| 3 | N0°42'-N11°27', W162°48'-W146°24' | January.18, 2020-June.8, 2020 | 112 | 112 | 432503 | 27 | D |
| 4 | N11°34'-S5°23', W168°37'-W145°58' | May.28, 2020-August.22, 2020 | 41 | 41 | 153634 | 27 | D |
| 5 | S13°35'-S32°21', W125°35'-W96°57' | June.5, 2020-January.20, 2021 | 129 | 129 | 441020 | 26 | F |
| 6 | N 2°56'-S3°03', W117°48'- W106°19' | October.1, 2020-December.16, 2020 | 61 | 61 | 129896 | 52 | F |
| 7 | N3°13'-N9°06', W157°15'-W144°48' | June.5, 2020-July.25, 2020 | 34 | 34 | 126063 | 27 | F |
| 8 | S9°39'-S30°54', W152°02'-W93°20' | March.24, 2020-March.23, 2021 | 171 | 171 | 759716 | 27 | D |
| 9 | S14°04'-S32°33', W133°19'-W93°46' | May.22, 2020-March.6, 2021 | 127 | 127 | 492400 | 24 | F |
| 10 | N5°08'-S9°31', W167°35'-W147°1' | March.18, 2020-September.10, 2020 | 148 | 148 | 45142 | 20 | D |
| 11 | S8°42'-S13°01', W153°54'-W145°32' | June.3, 2020-July.28, 2020 | 43 | 43 | 181216 | 28 | F |
| 12 | S8°51'-S33°27', W152°49'-W90°42' | July.28, 2020-January.27, 2021 | 129 | 129 | 537409 | 24 | D |
| 13 | S5°02'-S20°00', W164°40'-W118°28' | June.15, 2019-October.15, 2020 | 233 | 233 | 973200 | 27 | F |
| 14 | S7°05'-S33°05', W156°39'-W90°16' | April.13, 2020-December.31, 2020 | 159 | 159 | 643264 | 26 | D |
| 15 | S15°19'-S23°21', W118°52'-W90°17' | August.15, 2019-April.21, 2020 | 124 | 124 | 428933 | 24 | D |
| 16 | N5°03'-S14°56', W142°53'-W124°29' | April.17, 2020-September.8, 2020 | 122 | 122 | 328160 | 16 | D |
| 17 | S30°18'-S6°36', W168°11'-W102°26' | June.6, 2019-August.3, 2020 | 306 | 306 | 1219885 | 27 | D |
| 18 | N1°00'-N11°18', W164°48'-W150°16' | January.20, 2020-June.7, 2020 | 115 | 115 | 433836 | 27 | D |
| 19 | S3°45'-S7°18', E163°40'-E167°52' | June.9, 2020-January.25, 2021 | 63 | 63 | 193700 | 26 | D |
| 20 | S6°08'-S15°33', E171°58'-W160°26' | April.29, 2020-November.1, 2020 | 101 | 101 | 352205 | 26 | D |

| | | | | | | | |
|----|------------------------------------|------------------------------------|-----|-----|--------|----|---|
| 21 | N11°40'-N12°28', E178°35'-W174°45' | February.13, 2020-April.2, 2020 | 44 | 44 | 229520 | 19 | D |
| 22 | S17°39'-S19°35', W112°47'-W104°46' | December.31, 2020-January.13, 2021 | 9 | 9 | 39312 | 24 | D |
| 23 | S6°10'-S15°19', E171°25'-W161°10' | April.30, 2020-October.28, 2020 | 104 | 104 | 368988 | 23 | F |
| 24 | S15°15'-S21°50', W131°40'—W114°32' | May.9, 2020-April.22, 2021 | 144 | 144 | 617787 | 27 | F |
| 25 | S5°3'-S20°48', W126°00'-W100°00' | May.13, 2020-April.22, 2021 | 180 | 180 | 762826 | 26 | D |

Note: HPB-Hook Per Basket. D- deep frozen tuna longline; F-frozen tuna longline

Table 5 Summary of longline observer coverage (by days fished) for 2020

| CCM fleet | Fishery | Days fished | | | No. of hooks | | | days at sea | | | No. of trips | | |
|-----------|---------------|-------------|------|------|--------------|------|---|-------------|------|---|--------------|------|---|
| | | Total est. | Obs. | % | Total est. | Obs. | % | Total est. | Obs. | % | Total est. | Obs. | % |
| China | Distant-water | 52254 | 2968 | 5.68 | | | | | | | | | |

Table 6 Average annual fishing effort for 2002-2004 and annual fishing effort for longline from 2016 to 2020 directed at North Pacific albacore. That was required by CMM 2019-03, Para 3

| CCM | Area | Fishery | 2002-04 Average | | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | |
|-------|-----------|---------|-----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | | | No. of vessels | Vessel days | No. of vessels | Vessel days | No. of vessels | Vessel days | No. of vessels | Vessel days | No. of vessels | Vessel days | No. of vessels | Vessel days |
| China | N Pacific | LL | 10 | 1250 | 10 | 910 | 10 | 850 | 10 | 838 | 10 | 1249 | 10 | 1075 |

Table 7 The summary of transshipment operations by fishery of 2020: (1) the total quantities, by weight (M.T.); (2) the number of transshipments

(1)

| Offloaded and Received | Transshipment in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national Jurisdiction | Transhipped inside the Convention Area and Transhipped outside the Convention Area | Caught Inside the convention Area and Caught outside the Convention Area | Product Form | Fishing Gear | Total | BET | YFT | ALB | SKJ | Striped Marlin | SWO | BUM | Shark | BLM | Others |
|------------------------|--|--|--|--------------|--------------|-------|------|------|------|-----|----------------|-----|-----|-------|-----|--------|
| | | | | | | | | | | | | | | | | |
| Offloaded | inside EEZ | Outside | Inside | Frozen | Longline | 315 | 42 | 101 | 119 | 0 | 3 | 2 | 6 | 0 | 0 | 43 |
| Offloaded | inside EEZ | Outside | Outside | Frozen | Longline | 603 | 30 | 15 | 424 | 0 | 13 | 10 | 1 | 0 | 0 | 109 |
| Offloaded | beyond EEZ | Inside | Inside | Frozen | Longline | 8290 | 1920 | 1154 | 4404 | 4 | 79 | 88 | 51 | 7 | 34 | 549 |
| Offloaded | beyond EEZ | Inside | Outside | Frozen | Longline | 947 | 109 | 50 | 624 | 0 | 4 | 8 | 2 | 8 | 9 | 133 |
| Offloaded | beyond EEZ | Outside | Inside | Frozen | Longline | 4159 | 531 | 390 | 2578 | 4 | 22 | 89 | 2 | 90 | 12 | 440 |
| Offloaded | beyond EEZ | Outside | Outside | Frozen | Longline | 5583 | 471 | 150 | 3958 | 23 | 45 | 154 | 8 | 126 | 34 | 614 |
| Received | beyond EEZ | Inside | Inside | Frozen | Longline | 4445 | 389 | 438 | 3077 | 0 | 58 | 21 | 0 | 0 | 0 | 462 |
| Received | beyond EEZ | Inside | Outside | Frozen | Longline | 535 | 46 | 8 | 409 | 0 | 0 | 1 | 0 | 0 | 0 | 71 |
| Received | beyond EEZ | Outside | Inside | Frozen | Longline | 2865 | 133 | 196 | 2181 | 0 | 6 | 23 | 0 | 0 | 0 | 325 |
| Received | beyond EEZ | Outside | Outside | Frozen | Longline | 2888 | 38 | 57 | 2395 | 0 | 18 | 21 | 1 | 0 | 0 | 358 |

*Catches from both inside and outside of the convention area involved in one transshipment event will be separated into two rows in this table.

(2)

| offloaded and Received | Transshipment in port, transhipped at sea in areas of national jurisdiction, and transhipped beyond areas of national Jurisdiction | Transhipped inside the Convention Area and Transhipped outside the Convention Area | Caught Inside the convention Area and Caught outside the Convention Area | Fishing Gear | Number of Transshipments |
|------------------------|--|--|--|--------------|--------------------------|
| offloaded | transhipped at sea in areas of national jurisdiction | inside | Inside | Longline | 3 |
| offloaded | transhipped at sea in areas of national jurisdiction | outside | Inside | Longline | 9 |
| offloaded | transhipped at sea in areas of national jurisdiction | outside | outside | Longline | 9 |
| offloaded | transhipped beyond areas of national Jurisdiction | Inside | Inside | Longline | 126 |
| offloaded | transhipped beyond areas of national Jurisdiction | Inside | outside | Longline | 36 |
| offloaded | transhipped beyond areas of national Jurisdiction | outside | Inside | Longline | 128 |
| offloaded | transhipped beyond areas of national Jurisdiction | outside | Outside | Longline | 124 |
| received | transhipped beyond areas of national Jurisdiction | inside | Inside | Longline | 70 |
| received | transhipped beyond areas of national Jurisdiction | inside | Outside | Longline | 19 |
| received | transhipped beyond areas of national Jurisdiction | outside | Inside | Longline | 79 |
| received | transhipped beyond areas of national Jurisdiction | outside | Outside | Longline | 79 |

Table 8a Cetacean interactions in purse seine fishery for national fleet

| Flag | Gear | Vessel Name | Species | Date | Latitude | Longitude | EEZ | Life Status(Dead/Alive) | Number of Individuals |
|------|------|-------------|-----------------------|-----------|----------|-----------|-----|-------------------------|-----------------------|
| CN | PS | SHUN FA 8 | False kill whale | 2020/2/7 | 00°22'S | 178°52' | KI | D | 3 |
| CN | PS | SHUN FA 8 | False kill whale | 2020/3/14 | 03°39'N | 170°46' | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Rough-Toothed Dolphin | 2020/1/25 | 01°34'S | 178°54'E | KI | AL-2,D-10 | 12 |
| CN | PS | SHUN FA 8 | Rough-Toothed Dolphin | 2020/1/26 | 00°41'S | 179°29'E | KI | AL-2,D-2 | 5 |

| | | | | | | | | | |
|----|----|----------------|------------------|-----------|---------|----------|----------|------|---|
| CN | PS | XIN SHI JI111 | BrydesWhales | 2020/1/26 | 00°14'S | 178°42'E | KIRIBATI | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | False kill whale | 2020/1/23 | 00°10'N | 179°08'E | KIRIBATI | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | False kill whale | 2020/3/7 | 02°33'N | 166°48'E | MH | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | False kill whale | 2020/3/15 | 01°42'S | 170°47'E | KIRIBATI | AL-2 | 2 |
| CN | PS | JIN HUI 8 | False kill whale | 2020/2/18 | 00°20'N | 176°57'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | False kill whale | 2020/7/3 | 01°18'S | 171°41' | KI | AL | 3 |

Table 8b Manta and ray interactions in purse seine fishery for national fleet

| | | | | | | | | | |
|----|----|-----------|-------------|-----------|---------|----------|----|----|---|
| CN | PS | JIN HUI 8 | Giant manta | 2020/3/27 | 01°52'S | 166°53'E | NR | D | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/4/27 | 03°07'S | 178°50'E | NR | D | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/5/19 | 00°47'S | 177°50'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/6/26 | 01°27'S | 170°29'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/7/16 | 00°11'S | 176°21'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/9/13 | 02°26'S | 173°16'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/9/16 | 02°17'S | 173°47'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/9/20 | 03°24'S | 173°57'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/9/29 | 02°10'S | 172°29'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/9/30 | 02°08'S | 172°21'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Devil rays | 2020/8/5 | 01°24'S | 178°07'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Giant manta | 2020/7/2 | 01°01'S | 170°23'E | KI | AL | 1 |

Table 9 Whale shark (RHN) interactions in purse seine for national fleet

| Flag | Gear | Vessel Name | Species | Date | Latitude | Longitude | EEZ | Life Status(Dead/Alive) | Number of Individuals |
|------|------|-------------------|-------------|-----------|----------|-----------|-----|-------------------------|-----------------------|
| CN | PS | JIN LIAO YU NO.57 | Whale shark | 2019/6/9 | 01°04'N | 178°38'E | KI | AL | 1 |
| CN | PS | JIN LIAO YU NO.57 | Whale shark | 2019/7/6 | 00°37'S | 171°09'E | KI | AL | 1 |
| CN | PS | JIN LIAO YU NO.77 | Whale shark | 2019/4/10 | 01°20'S | 170-29E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Whale shark | 2020/1/25 | 02°19'N | 177°58'E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Whale shark | 2020/2/13 | 00°59'N | 177°58'E | KI | AL | 2 |
| CN | PS | XIN SHI JI 112 | Whale shark | 2020/1/31 | 01°33'N | 167°33'E | NR | AL | 1 |

Table 10 Oceanic Whitetip shark (OCS) in purse seine for national fleet

| Flag | Gear | Vessel Name | Species | Date | Latitude | Longitude | EEZ | Life Status(Dead/Alive) | Number of Individuals |
|------|------|-------------|------------------------|-----------|----------|-----------|-----|-------------------------|-----------------------|
| CN | PS | JIN HUI 6 | Oceanic whitetip shark | 2020/2/4 | 00°21'N | 178°35'E | KI | D | 1 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/6/1 | 00°09'N | 171°05'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/6/25 | 01°41'S | 172°10'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/7/19 | 00°05'S | 175°31'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/7/20 | 01°45'S | 178°15'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/8/10 | 02°56'S | 179°07'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/9/1 | 02°56'S | 169°23'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/9/8 | 03°32'S | 177°24'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/10/5 | 00°11'S | 167°56'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Oceanic whitetip shark | 2020/11/8 | 00°35'N | 176°33'E | KI | AL | 3 |

Table 11 Effort, observed and estimated seabird captures by fishing year for China

a) South of 30°S

| Year | Fishing effort (1000 hooks) | | | | Observed seabird captures | |
|------|-----------------------------|-----------------|----------------|------------------|---------------------------|-------|
| | Number of vessels | Number of hooks | Observed hooks | % hooks observed | Number | Rate |
| 2016 | 27 | 5334 | 58 | 1.08 | 5 | 0.086 |
| 2017 | 35 | 5484 | 537 | 9.79 | 4 | 0.007 |
| 2018 | 19 | 5025 | 175 | 3.48 | 0 | 0 |
| 2019 | 22 | 2312 | 0 | 0 | 0 | 0 |
| 2020 | 26 | 3121 | 294 | 9.42 | 1 | 0.003 |

b) North of 23°N

| Year | Fishing effort (1000 hooks) | | | | Observed seabird captures | |
|------|-----------------------------|-----------------|----------------|------------------|---------------------------|------|
| | Number of vessels | Number of hooks | Observed hooks | % hooks observed | Number | Rate |

| | | | | | | |
|------|----|------|-----|-------|---|--------|
| 2016 | 7 | 950 | 61 | 6.4 | 9 | 0.14 |
| 2017 | 7 | 1915 | 522 | 27.2 | 0 | 0 |
| 2018 | 10 | 779 | 118 | 15.15 | 6 | 0.0508 |
| 2019 | 9 | 144 | 12 | 8.33 | 0 | 0 |
| 2020 | 10 | 745 | 0 | 0 | 0 | 0 |

c) 23°N - 30°S

| Year | Fishing effort (1000 hooks) | | | | Observed seabird captures | |
|------|-----------------------------|-----------------|----------------|------------------|---------------------------|---------|
| | Number of vessels | Number of hooks | Observed hooks | % hooks observed | Number | Rate |
| 2016 | 384 | 103412 | 4268 | 4.1 | 0 | 0 |
| 2017 | 320 | 129971 | 7641 | 5.8 | 0 | 0 |
| 2018 | 335 | 140011 | 6430 | 4.59 | 1 | 0.00015 |
| 2019 | 339 | 159311 | 10040 | 6.3 | 6 | 0.0006 |
| 2020 | 349 | 152897 | 10792 | 7.06 | 5 | 0.00046 |

Table 12 Proportion of mitigation types¹ used by the fleet in 2020

| | Combination of Mitigation Measures | Proportion of observed effort using mitigation measures | | | |
|--------------------------------|------------------------------------|---|-----------|--------------|---------------|
| | | South of 30°S | 25°S-30°S | 25°S to 23°N | North of 23°N |
| | No mitigation measures | 0% | 0% | 0% | 0% |
| Options required south of 30°S | TL + WB | 100% | | | |
| Options required 25°S-30°S | TL + WB | | 100% | | |
| Options required 25°S to 23°N | TL + WB | | | 100% | |
| Options required north of 23°N | TL + WB | | | | 100% |
| | Totals | 100% | 100% | 100% | 100% |

¹ TL = tori line, WB = weighted branch lines.

Table 13 The number of observed seabird bycatch of longline fishery by species and by area in 2020

| Year | Species | South of 30° | North of 23°N | 23°N-30°S |
|------|--------------|--------------|---------------|-----------|
| 2020 | unidentified | 1 | 0 | 5 |

Table 14 Silky shark (FAL) in purse seine for national fleet

| Flag | Gear | Vessel Name | Species | Date | Latitude | Longitude | EEZ | Life Status(Dead/Alive) | Number of Individuals |
|------|------|-------------|-------------|------------|----------|-----------|-----|-------------------------|-----------------------|
| CN | PS | SHUN FA 8 | Silky Shark | 2020/11/30 | 02°47'S | 170°22'E | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/2 | 13°36'S | 173°59'E | KI | D | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/5 | 00°24'S | 179°09'E | KI | AL-2,D-10 | 12 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/6 | 00°29'S | 179°21'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/7 | 00°22'S | 178°52'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/8 | 00°01'S | 178°44'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/9 | 00°02'S | 178°32'E | KI | D | 7 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/11 | 00°19'N | 177°55'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/22 | 00°44'N | 178°14'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/23 | 00°27'N | 178°38'E | KI | D | 5 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/26 | 01°48'S | 178°58'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/27 | 01°41'S | 178°43'E | KI | D | 5 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/2/28 | 02°34'S | 178°18'E | KI | AL | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/2 | 01°42'S | 173°51'E | KI | AL | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/3 | 03°24'S | 173°40'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/5 | 02°59'S | 179°02'E | KI | AL | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/6 | 01°09'S | 178°16'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/7 | 00°34'N | 178°43'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/8 | 00°39'N | 178°46'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/9 | 01°00'S | 178°17'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/10 | 00°53'N | 178°38'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/12 | 03°44'S | 176°26'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/13 | 04°58'N | 173°01'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/14 | 04°14'N | 171°51'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/14 | 03°39'N | 170°46'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/28 | 02°17'S | 164°21'E | KI | D | 7 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/29 | 00°42'S | 165°46'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/3/31 | 02°17'S | 168°30'E | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/3 | 01°48'S | 165°12'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/4 | 01°04'S | 166°02'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/6 | 01°42'S | 170°06'E | KI | D | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/8 | 03°22'N | 167°10'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/10 | 03°42'N | 167°25'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/11 | 03°54'N | 167°30'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/13 | 05°26'N | 173°29'E | KI | AL-2,D-13 | 15 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/14 | 06°35'N | 176°44'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/4/15 | 04°16'N | 176°56'E | KI | D | 5 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/5 | 03°13'N | 166°47'E | KI | D | 3 |

| | | | | | | | | | |
|----|----|------------|-------------|------------|---------|----------|----------|----------|----|
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/6 | 02°43'N | 167°59'E | KI | D | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/14 | 00°57'N | 170°11'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/23 | 04°50'N | 167°42'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/25 | 02°26'N | 167°40'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/26 | 00°14'S | 166°26'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/5/30 | 02°17'N | 164°18'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/6/22 | 00°22'S | 176°30'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/6/30 | 01°52'N | 175°46'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/7/4 | 00°34'N | 176°17'E | KI | D | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/7/18 | 02°08'N | 174°19'E | KI | AL | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/7/23 | 03°30'S | 168°41'E | KI | AL | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/7/26 | 00°42'S | 168°27'E | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/8/4 | 02°13'N | 168°20'E | KI | AL | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/8/15 | 00°57'S | 171°20'E | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/9/3 | 03°33'S | 174°41'E | KI | AL | 1 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/9/16 | 01°39'S | 173°10'E | KI | AL | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/10/24 | 03°17'S | 167°43'E | KI | AL | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/10/30 | 00°08'N | 167°13'E | KI | AL-2,D-1 | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/11/19 | 00°53'S | 165°06'E | KI | AL-1,D-1 | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/12/20 | 00°36'N | 167°09'E | KI | AL-1,D-1 | 2 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/20 | 01°50'S | 178°06'E | KI | AL | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/21 | 01°36'S | 178°37'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/22 | 01°23'S | 178°37'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/23 | 01°42'S | 178°17'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/25 | 01°34'S | 178°34'E | KI | D | 4 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/26 | 00°41'S | 179°29'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/27 | 00°32'S | 179°28'E | KI | D | 3 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/28 | 01°27'S | 179°09'E | KI | D | 6 |
| CN | PS | SHUN FA 8 | Silky Shark | 2020/1/29 | 01°44'S | 178°52'E | KI | D | 3 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/4/29 | 02°09'S | 167°49'E | NAURU | D-20 | 20 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/7/17 | 00°09'N | 178°33'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/7/20 | 00°09'S | 176°44'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/7/23 | 00°42'S | 177°31'E | KIRIBATI | D-15 | 15 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/7/27 | 00°15'S | 177°51'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/7/30 | 00°24'S | 176°37'E | KIRIBATI | D-15 | 15 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/8/9 | 00°59'N | 168°48'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/8/15 | 01°59'S | 169°40'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/8/21 | 01°13'S | 170°51'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/8/29 | 00°28'N | 168°42'E | KIRIBATI | D-5 | 5 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/9/5 | 01°44'S | 168°36'E | KIRIBATI | D-15 | 15 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/9/8 | 02°59'S | 169°04'E | KIRIBATI | D-15 | 15 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/9/11 | 03°11'S | 168°45'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/10/17 | 03°08'S | 165°46'E | NAURU | D-5 | 5 |

| | | | | | | | | | |
|----|----|-------------------|-------------|------------|---------|----------|----------|------------|----|
| CN | PS | XIANG FA 8 | Silky Shark | 2020/10/21 | 00°24'S | 164°09'E | NAURU | D-25 | 25 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/11/17 | 00°18'S | 176°13'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/11/29 | 02°47'S | 168°02'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIANG FA 8 | Silky Shark | 2020/12/20 | 02°35'S | 171°42'E | KIRIBATI | D-10 | 10 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2019/1/8 | 02°26'S | 173°24'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2019/1/9 | 02°32'S | 173°01'E | KIRIBATI | AL-10,D-8 | 18 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2019/1/10 | 03°03'S | 173°24'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2019/1/10 | 02°52'S | 172°55'E | KIRIBATI | AL-8,D-7 | 15 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/10 | 02°51'S | 173°00'E | KIRIBATI | AL-15,D-10 | 25 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/11 | 02°45'S | 172°51'E | KIRIBATI | AL-1 | 1 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/22 | 01°16'S | 177°35'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/25 | 00°22'S | 178°39'E | KIRIBATI | AL-3,D-2 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/28 | 03°32'S | 175°37'E | KIRIBATI | AL-1,D-1 | 2 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/1/29 | 04°52'S | 174°11'E | TUVALU | AL-3,D-2 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/3 | 02°25'S | 178°44'E | HIGH SEA | AL-3,D-1 | 4 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/4 | 02°53'S | 178°40'E | HIGH SEA | AL-3,D-1 | 4 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/10 | 02°41'S | 178°49'E | KIRIBATI | AL-3,D-2 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/11 | 00°05'N | 176°36'E | KIRIBATI | AL-7,D-3 | 10 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/24 | 00°16'N | 178°41'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/2/28 | 03°01'S | 178°18'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/2 | 02°30'S | 178°17'E | KIRIBATI | AL-10,D-8 | 18 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/3 | 03°09'S | 177°56'E | KIRIBATI | AL-6,D-4 | 10 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/5 | 03°10'S | 178°09'E | KIRIBATI | AL-4,D-2 | 6 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/7 | 00°16'N | 178°26'E | KIRIBATI | AL-2,D-1 | 3 |

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|----|----|-------------------|-------------|-----------|---------|----------|----------|------------|----|
| | | 111 | | | | | | | |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/8 | 00°56'N | 179°54'E | HIGH SEA | AL-6,D-4 | 10 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/9 | 00°56'N | 179°37'E | HIGH SEA | AL-1,D-1 | 2 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/11 | 01°17'N | 177°05'E | KIRIBATI | AL-3,D-3 | 6 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/14 | 04°10'N | 174°04'E | KIRIBATI | AL-8,D-6 | 14 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/14 | 02°24'N | 174°47'E | KIRIBATI | AL-10,D-15 | 25 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/18 | 04°10'S | 174°04'E | TUVALU | AL-8,D-6 | 14 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/3/29 | 01°52'S | 167°45'E | NAURU | AL-3,D-2 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/4/2 | 02°29'N | 167°47'E | MARSHALL | AL-5,D-3 | 8 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/4/6 | 02°59'N | 169°33'E | MARSHALL | AL-2,D-5 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/5/12 | 02°03'N | 168°06'E | MARSHALL | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/5/22 | 01°38'N | 168°11'E | NAURU | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/5/29 | 00°33'N | 168°57'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/6/22 | 00°23'N | 172°29'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 2020/6/26 | 00°33'S | 171°41'E | KIRIBATI | AL-2,D-1 | 3 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 44028 | 02°26'S | 174°56'E | KIRIBATI | AL-3,D-3 | 6 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 44039 | 00°19'S | 178°38'E | KIRIBATI | AL-3,D-2 | 5 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 44067 | 02°01'S | 171°21'E | KIRIBATI | AL-2,D-1 | 1 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 44094 | 03°37'S | 175°22'E | KIRIBATI | AL-1,D-1 | 2 |
| CN | PS | XIN SHI JI 111 | Silky Shark | 44136 | 02°20'S | 173°07'E | KIRIBATI | AL-12,D-8 | 20 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/3 | 02°55'S | 179°30'E | KI | AL-7,D-8 | 15 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/5 | 02°46'S | 173°35'E | KI | AL-3,D-7 | 10 |

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|----|----|-------------------|-------------|-----------|---------|----------|----|----------|----|
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/6 | 01°44'S | 171°29'E | KI | AL-7.D-3 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/9 | 03°05'S | 173°36'E | KI | AL-7.D-3 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/10 | 03°04'S | 173°37'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/8 | 02°26'S | 173°17'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/11 | 03°07'S | 173°21'E | KI | AL-3.D-1 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/21 | 00°03'N | 176°55'E | KI | AL-8.D-5 | 13 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/23 | 00°10'N | 179°08'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/24 | 00°10'N | 179°05'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/25 | 00°03'N | 178°59'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/29 | 01°57'S | 178°45'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/1/31 | 03°53'S | 178°44'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/2 | 00°30'S | 178°01'E | KI | AL-2.D-4 | 6 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/3 | 00°16'S | 178°11'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/4 | 01°08'S | 177°53'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/5 | 01°09'N | 177°10'E | KI | AL-7.D-3 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/6 | 0°48'N | 177°01'E | KI | AL-4.D-4 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/7 | 00°48'N | 176°49'E | KI | AL-7.D-3 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/8 | 00°34'N | 177°25'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/9 | 00°31'N | 177°10'E | KI | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/10 | 00°37'N | 178°03'E | KI | AL-4.D-3 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/11 | 00°10'N | 176°19'E | KI | AL-3 | 3 |
| CN | PS | XIN SHI JI | Silky Shark | 2020/2/12 | 01°08'N | 176°43'E | KI | AL-4.D-3 | 7 |

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|----|----|-------------------|-------------|-----------|---------|----------|----|----------|----|
| | | 112 | | | | | | | |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/14 | 02°32'N | 170°30'E | KI | AL-7.D-4 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/24 | 00°50'S | 179°14'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/26 | 01°43'S | 173°40'E | KI | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/27 | 01°25'S | 173°28'E | KI | AL-4.D-3 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/2/29 | 01°56'S | 173°52'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/2 | 02°53'S | 171°35'E | KI | AL-5.D-3 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/4 | 02°56'S | 167°53'E | NR | AL-4.D-6 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/7 | 02°33'N | 166°48'E | MH | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/8 | 04°02'N | 169°06'E | MH | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/9 | 03°34'N | 169°26'E | MH | AL-4.D-2 | 6 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/11 | 03°52'N | 171°39'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/13 | 00°49'S | 170°51'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/14 | 01°29'S | 171°08'E | KI | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/15 | 01°45'S | 170°41'E | KI | AL-8.D-4 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/18 | 05°47'N | 179°23'E | HS | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/20 | 03°47'N | 176°22'E | HS | AL-2.D-4 | 6 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/23 | 01°36'S | 171°44'E | KI | AL-3 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/24 | 01°39'S | 170°58'E | KI | AL-5.D-6 | 11 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/26 | 00°13'S | 170°25'E | KI | AL-4 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/26 | 01°41'S | 170°37'E | KI | AL-3 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/27 | 01°29'S | 168°30'E | KI | AL-4.D-2 | 6 |

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|----|----|-------------------|-------------|-----------|---------|----------|----|----------|----|
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/29 | 02°09'N | 168°11'E | MH | AL-3 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/31 | 01°33'N | 167°33'E | NR | AL-4.D-9 | 13 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/3/31 | 01°43'N | 167°40'E | NR | AL-7.D-8 | 15 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/8 | 02°26'N | 170°02'E | MH | AL-5.D-4 | 9 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/9 | 02°58'N | 169°40'E | MH | AL-2 | 2 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/11 | 00°15'S | 166°19'E | NR | AL-6.D-3 | 9 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/12 | 00°32'S | 166°01'E | NR | AL-6.D-7 | 13 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/13 | 01°04'S | 166°52'E | NR | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/14 | 00°30'S | 167°49'E | NR | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/15 | 00°55'S | 165°15'E | NR | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/16 | 01°06'S | 165°00'E | NR | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/17 | 01°07'S | 165°01'E | NR | AL-2.D-2 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/20 | 00°52'N | 166°01'E | NR | AL-7.D-2 | 9 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/4/23 | 00°01'S | 169°47'E | KI | AL-7.D-2 | 9 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/2 | 01°07'N | 171°44'E | KI | AL-4 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/4 | 02°01'N | 170°52'E | KI | AL-5 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/6 | 01°46'N | 169°57'E | KI | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/7 | 01°28'N | 169°37'E | KI | AL-3.D-1 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/8 | 02°05'N | 168°37'E | MH | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/10 | 02°42'N | 169°38'E | MH | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/11 | 00°17'N | 169°34'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI | Silky Shark | 2020/5/14 | 00°05'N | 178°14'E | KI | AL-5.D-7 | 12 |

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|----|----|-------------------|-------------|-----------|---------|----------|----|----------|----|
| | | 112 | | | | | | | |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/15 | 00°45'S | 177°47'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/16 | 00°11'S | 178°04'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/17 | 02°25'N | 176°23'E | KI | AL-4.D-4 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/18 | 02°07'N | 176°27'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/21 | 00°08'S | 168°04'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/22 | 01°18'N | 169°05'E | KI | AL-5.D-7 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/24 | 02°15'N | 174°53'E | KI | AL-3.D-4 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/29 | 01°20'S | 172°00'E | KI | AL-1.D-2 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/5/30 | 00°25'S | 169°36'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/1 | 00°23'N | 169°29'E | KI | AL-1.D-3 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/2 | 00°24'N | 169°30'E | KI | AL-1.D-4 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/3 | 00°28'N | 168°20'E | NR | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/6 | 02°54'N | 176°63'E | HS | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/7 | 00°15'N | 177°05'E | KI | AL-5.D-6 | 11 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/8 | 03°28'S | 175°01'E | KI | AL-3.D-4 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/11 | 04°03'N | 171°48'E | KI | AL-3.D-4 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/13 | 03°23'N | 174°38'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/14 | 02°24'N | 175°26'E | KI | AL-3 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/15 | 00°21'N | 176°06'E | KI | AL-4 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/17 | 00°35'S | 178°37'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/18 | 00°47'S | 178°39'E | KI | AL-2 | 2 |

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|----|----|-------------------|-------------|-----------|---------|----------|----|-----------|----|
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/21 | 02°36'S | 174°08'E | KI | AL-3 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/23 | 02°29'S | 173°55'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/22 | 02°37'S | 173°57'E | KI | AL-10.D-2 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/25 | 01°56'S | 172°16'E | KI | AL-4.D-6 | 10 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/6/30 | 00°36'S | 170°47'E | KI | AL-1.D-3 | 4 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/2 | 02°01'S | 168°24'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/5 | 03°32'S | 172°50'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/6 | 03°24'S | 173°29'E | KI | AL-5.D-7 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/9 | 01°05'S | 171°56'E | KI | AL-5.D-3 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/11 | 01°38'N | 175°06'E | KI | AL-8.D-4 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/12 | 02°40'N | 174°31'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/13 | 02°02'N | 174°53'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/14 | 02°07'N | 174°40'E | KI | AL-8.D-10 | 18 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/16 | 03°08'N | 175°58'E | KI | AL-7.D-5 | 12 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/21 | 02°05'N | 174°20'E | KI | AL-7.D-4 | 11 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/22 | 02°11'N | 174°04'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/25 | 01°16'N | 177°53'E | KI | AL-4.D-4 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/26 | 03°20'N | 174°01'E | KI | AL-1.D-2 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/27 | 03°50'N | 174°35'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/29 | 03°55'N | 174°33'E | KI | AL-1.D-2 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/7/30 | 04°01'N | 175°21'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI | Silky Shark | 2020/7/31 | 01°32'N | 174°59'E | KI | AL-2.D-3 | 5 |

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|----|----|-------------------|-------------|------------|---------|----------|----|----------|----|
| | | 112 | | | | | | | |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/3 | 01°13'N | 177°44'E | KI | AL-6.D-9 | 15 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/4 | 04°03'N | 176°07'E | KI | AL-2.D-5 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/14 | 01°55'S | 178°22'E | KI | AL-4.D-1 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/17 | 02°37'S | 179°27'E | KI | AL-7.D-6 | 13 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/18 | 03°31'S | 179°52'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/8/31 | 01°55'S | 168°31'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/2 | 02°50'S | 170°13'E | KI | AL-4.D-3 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/5 | 00°55'N | 169°41'E | KI | AL-5.D-2 | 8 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/9 | 00°56'S | 171°04'E | KI | AL-7.D-8 | 15 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/12 | 01°25'S | 171°39'E | KI | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/13 | 01°09'S | 171°55'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/26 | 01°27'S | 170°51'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/9/27 | 01°59'S | 168°25'E | KI | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/5 | 01°41'N | 170°14'E | KI | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/6 | 00°28'S | 167°19'E | NR | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/7 | 02°55'S | 167°04'E | NR | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/8 | 00°46'S | 164°57'E | NR | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/9 | 01°48'S | 167°46'E | NR | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/16 | 06°54'S | 173°12'E | TV | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/17 | 06°51'S | 173°06'E | TV | AL-5.D-2 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/18 | 06°30'S | 175°08'E | TV | AL-8.D-3 | 11 |

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| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/25 | 02°06'S | 173°08'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/24 | 02°24'S | 173°22'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/10/28 | 04°18'S | 174°38'E | KI | AL-3.D-4 | 7 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/11/2 | 03°23'S | 178°47'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/11/9 | 00°38'N | 176°24'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/11/19 | 02°55'S | 170°16'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/11/21 | 00°07'S | 167°04'E | NR | AL-2.D-3 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/12/3 | 04°01'S | 175°30'E | KI | AL-2.D-1 | 3 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/12/10 | 04°24'S | 173°33'E | TV | AL-3.D-2 | 5 |
| CN | PS | XIN SHI JI 112 | Silky Shark | 2020/12/24 | 02°03'S | 169°53'E | KI | AL-2.D-1 | 3 |
| CN | PS | LOJET | Silky Shark | 2020/6/5 | 01°25'S | 172°43'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/1/20 | 01°45'S | 168°43'E | KI | AL-.2D-1 | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/1/26 | 00°57'S | 179°14'E | KI | AL-10.D-2 | 12 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/1/27 | 00°31'S | 178°36'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/1/28 | 03°58'S | 178°36'E | KI | AL | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/1/30 | 02°25'S | 179°01'E | KI | AL | 1 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/1 | 01°55'S | 179°42'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/2 | 00°12'S | 178°54'E | KI | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/3 | 00°09'N | 178°42'E | KI | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/4 | 00°21'N | 178°35'E | KI | AL-3.D-1 | 4 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/6 | 02°57'S | 178°06'E | KI | AL-6.D-4 | 10 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/9 | 00°29'S | 177°44'E | KI | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/10 | 01°39'N | 177°30'E | KI | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/11 | 00°09'N | 176°38'E | KI | D | 1 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/19 | 00°41'N | 176°27'E | KI | AL-1.D-3 | 4 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/20 | 00°11'S | 179°09'E | KI | AL | 1 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/21 | 00°19'S | 179°17'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/23 | 00°28'S | 179°11'E | KI | AL-4.D-1 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/27 | 00°24'S | 178°32'E | KI | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/28 | 02°29'S | 178°21'E | KI | AL-2.D-3 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/2/29 | 02°49'S | 178°07'E | KI | AL-4.D-3 | 7 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/1 | 02°34'S | 178°13'E | KI | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/2 | 02°06'S | 178°04'E | KI | AL-2.D-3 | 5 |

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| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/11 | 00°20'N | 176°47'E | KI | AL | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/14 | 01°09'S | 172°10'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/15 | 02°56'S | 169°44'E | KI | AL-3.D-12 | 15 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/18 | 02°05'S | 166°15'E | NR | AL-13.D-4 | 17 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/21 | 01°49'S | 165°37'E | NR | D | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/22 | 01°47'S | 164°40'E | NR | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/23 | 02°33'S | 164°57'E | NR | AL-15.D-10 | 25 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/24 | 02°33'S | 165°09'E | NR | D | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/3/30 | 00°57'N | 165°13'E | NR | AL-2.D-3 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/4/4 | 02°02'S | 164°31'E | NR | AL-3.D-3 | 6 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/4/22 | 00°33'S | 178°26'E | KI | D | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/6/15 | 01°04'N | 168°30'E | KI | AL-2.D-3 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/6/16 | 00°28'N | 167°52'E | NR | D | 1 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/6/24 | 00°49'S | 178°43'E | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/6/25 | 00°07'S | 177°39'E | KI | AL-2.D-7 | 9 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/6/28 | 01°56'S | 178°02'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/7/15 | 01°47'S | 179°47'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/7/19 | 00°40'S | 179°12'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/7/26 | 00°07'S | 178°58'E | KI | AL-4.D-1 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/8/7 | 00°28'S | 176°02'E | KI | AL | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/8/15 | 03°00'S | 178°38'E | KI | AL | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/8/22 | 00°04'N | 169°03'E | KI | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/9/2 | 01°56'S | 170°08'E | KI | AL | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/9/26 | 02°53'S | 178°07'E | KI | AL | 4 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/10/5 | 02°31'S | 170°04'E | KI | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/10/14 | 02°31'S | 169°40'E | KI | AL | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/10/22 | 02°29'S | 176°06'W | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/10/27 | 03°59'S | 176°31'W | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/11/25 | 03°15'S | 177°17'W | KI | AL | 1 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/11/26 | 04°34'S | 177°06'W | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 6 | Silky Shark | 2020/12/11 | 04°52'S | 175°39'E | TV | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/3 | 03°38'S | 169°27'E | KI | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/4 | 00°25'S | 168°32'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/7 | 02°44'N | 170°49'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/10 | 01°57'S | 177°42'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/11 | 02°52'S | 177°49'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/12 | 03°31'S | 177°28'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/13 | 03°36'S | 177°28'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/14 | 03°52'S | 177°30'E | KI | D | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/19 | 02°28'S | 177°40'E | KI | D | 7 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/20 | 03°48'S | 178°11'E | KI | D | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/21 | 03°47'S | 177°31'E | KI | D | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/22 | 03°50'S | 177°21'E | KI | D | 3 |

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| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/23 | 03°55'S | 177°19'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/24 | 03°51'S | 177°58'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/1/25 | 03°30'S | 178°20'E | KI | AL | 8 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/5 | 00°38'N | 178°09'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/8 | 01°05'S | 179°04'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/9 | 00°07'S | 177°47'E | KI | D | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/11 | 00°38'N | 178°17'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/13 | 02°32'N | 175°54'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/15 | 00°47'N | 176°01'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/18 | 00°20'N | 176°57'E | KI | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/20 | 01°27'N | 175°51'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/21 | 00°35'N | 176°42'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/26 | 02°11'S | 179°07'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/27 | 02°37'S | 178°34'E | KI | D | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/28 | 02°21'S | 178°30'E | KI | D | 10 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/2/29 | 02°13'S | 178°26'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/1 | 02°29'S | 177°49'E | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/2 | 02°10'S | 177°46'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/10 | 01°53'N | 169°56'E | KI | D | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/12 | 00°35'S | 172°22'E | KI | AL-4.D-5 | 9 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/14 | 01°35'S | 167°41'E | KI | D | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/15 | 01°27'S | 167°50'E | KI | AL-4.D-10 | 14 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/16 | 01°29'S | 167°21'E | KI | AL-6.D-20 | 26 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/17 | 02°03'S | 167°10'E | NR | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/20 | 04°32'S | 173°24'E | TV | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/22 | 04°18'S | 173°36'E | TV | D | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/23 | 02°09'S | 171°18'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/26 | 02°06'S | 165°12'E | NR | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/29 | 01°13'S | 167°23'E | NR | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/3/30 | 01°33'N | 166°13'E | NR | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/4/15 | 00°39'S | 165°36'E | NR | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/4/21 | 01°30'S | 178°40'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/4/22 | 01°12'S | 178°20'E | KI | D | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/3 | 00°47'N | 168°34'E | KI | D | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/14 | 00°03'N | 178°36'E | KI | D | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/15 | 00°27'N | 178°20'E | KI | D | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/17 | 00°57'N | 178°27'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/20 | 00°37'S | 177°40'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/5/22 | 01°02'N | 178°29'E | KI | D | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/2 | 00°00'N | 169°45'E | KI | D | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/3 | 00°03'N | 169°47'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/5 | 02°21'N | 171°48'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/8 | 00°59'S | 172°23'E | KI | D | 2 |

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| CN | PS | JIN HUI 8 | Silky Shark | 202/6/9 | 00°16'S | 168°50'E | KI | D | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/16 | 00°43'S | 172°56'E | KI | D | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/17 | 00°02'N | 172°24'E | KI | D | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/18 | 00°05'S | 172°21'E | KI | D | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/20 | 02°23'S | 174°11'E | KI | D | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/6/28 | 02°01'S | 172°18'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/3 | 01°20'S | 171°44'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/4 | 02°00'S | 168°16'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/5 | 01°06'S | 171°34'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/6 | 02°57'S | 168°15'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/7 | 02°33'S | 169°14'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/16 | 00°11'S | 176°21'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/17 | 01°01'S | 179°04'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/18 | 01°06'S | 178°00'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/19 | 00°05'S | 175°31'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/20 | 01°45'S | 178°15'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/21 | 01°22'S | 178°17'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/7/24 | 02°51'S | 179°12'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/3 | 00°22'N | 176°48'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/4 | 02°07'S | 178°25'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/5 | 01°24'S | 178°07'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/6 | 02°23'S | 177°54'E | KI | AL | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/7 | 03°30'S | 173°18'E | KI | AL | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/9 | 03°05'S | 177°39'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/10 | 02°56'S | 179°07'E | KI | AL-D- | |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/11 | 02°33'S | 179°19'E | KI | AL | 8 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/16 | 02°52'S | 179°00'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/22 | 02°16'S | 172°38'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/23 | 00°18'N | 170°12'E | KI | AL | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/24 | 01°06'S | 171°03'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/29 | 01°47'S | 171°10'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/8/30- | 03°10'S | 174°03'E | KI | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/9/1 | 02°56'S | 169°23'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/9/11 | 02°10'S | 171°27'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/9/22 | 03°46'S | 173°04'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/5 | 00°11'S | 167°56'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/6 | 02°22'S | 165°51'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/8 | 00°27'N | 168°27'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/9 | 00°14'S | 167°11'E | NR | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/18 | 02°53'S | 169°17'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/10/19 | 01°47'S | 170°22'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/5 | 01°36'S | 173°32'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/6 | 02°08'S | 174°07'E | KI | AL | 3 |

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| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/7 | 00°23'N | 176°30'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/8 | 00°35'N | 176°33'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/13 | 00°08'S | 175°55'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/22 | 01°26'S | 170°29'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/23 | 03°25'S | 168°43'E | KI | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/26 | 01°04'S | 170°51'E | KI | AL | 1 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/11/27 | 03°37'S | 168°22'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/4 | 01°01'S | 168°24'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/21 | 05°03'N | 174°46'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/22 | 03°34'N | 176°01'E | KI | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/24 | 02°15'S | 178°16'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/25 | 04°01'S | 179°03'E | KI | AL | 2 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/27 | 06°18'S | 173°38'E | TV | AL | 6 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/28 | 06°45'S | 174°03'E | TV | AL | 3 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/29 | 06°03'S | 174°02'E | TV | AL | 5 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/30 | 05°48'S | 175°35'E | TV | AL | 4 |
| CN | PS | JIN HUI 8 | Silky Shark | 2020/12/31 | 05°11'S | 176°15'E | TV | AL | 3 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/13 | 03°27'S | 176°25'E | KI | AL | 1 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/14 | 03°18'S | 178°29'E | KI | AL | 1 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/18 | 03°17'S | 177°59'E | KI | AL | 1 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/19 | 01°37'S | 178°14'E | KI | AL | 3 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/21 | 03°28'S | 174°54'E | KI | AL | 4 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/25 | 03°30'S | 178°04'E | KI | AL | 20 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/26 | 03°17'S | 178°09'E | KI | AL | 25 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/27 | 03°58'S | 178°42'E | KI | AL | 30 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/29 | 03°34'S | 179°22'E | KI | AL | 3 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/30 | 01°21'S | 179°50'E | KI | AL | 10 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/1/31 | 01°10'S | 179°29'E | KI | AL | 8 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/4 | 00°49'S | 179°04'E | KI | AL | 7 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/5 | 01°12'S | 179°12'E | KI | AL | 12 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/6 | 00°22'N | 178°18'E | KI | AL | 10 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/12 | 01°53'N | 174°15'E | KI | AL | 6 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/13 | 00°23'S | 175°30'E | KI | AL | 4 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/14 | 00°56'N | 175°32'E | KI | AL | 35 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/16 | 01°00'N | 175°56'E | KI | AL | 20 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/17 | 01°00'N | 175°57'E | KI | AL | 10 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/18 | 01°03'N | 176°04'E | KI | AL | 4 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/20 | 01°06'N | 175°23'E | KI | AL | 10 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/22 | 00°09'N | 177°41'E | KI | AL | 6 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/23 | 00°44'S | 178°27'E | KI | AL | 2 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/24 | 00°23'S | 178°48'E | KI | AL | 20 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/2/28 | 02°24'S | 177°45'E | KI | AL | 2 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/1 | 02°25'S | 179°57'E | KI | AL | 4 |

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| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/3 | 03°22'S | 178°48'E | KI | AL | 10 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/9 | 01°34'S | 173°11'E | KI | AL | 12 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/11 | 02°24'N | 170°51'E | KI | AL | 4 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/14 | 01°49'S | 173°00'E | KI | AL | 3 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/15 | 02°48'S | 171°10'E | KI | AL | 16 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/16 | 02°42'S | 170°34'E | KI | AL | 20 |
| CN | PS | JIN HUI 9 | Silky Shark | 2020/3/17 | 03°01'S | 169°34'E | KI | AL | 10 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/1 | 00°22'S | 177°24'E | KI | D | 1 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/2 | 03°21'S | 175°31'E | KI | D | 8 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/13 | 02°24'N | 171°36'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/21 | 03°26'S | 174°04'E | KI | D | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/22 | 03°59'S | 174°36'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/26 | 02°04'S | 179°54'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/1/31 | 03°41'S | 178°57'E | KI | AL | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/2 | 00°18'N | 176°08'E | KI | D | 1 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/4 | 00°19'N | 178°09'E | KI | D | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/7 | 00°40'S | 178°38'E | KI | D | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/17 | 00°08'N | 174°51'E | KI | AL | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/21 | 00°37'S | 178°28'E | KI | D | 1 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/23 | 01°16'S | 177°58'E | KI | D | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/2/27 | 02°46'S | 178°34'E | KI | AL-5.D-7 | 12 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/3/2 | 03°19'S | 175°08'E | KI | AL-21.D-6 | 27 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/3/5 | 02°38'S | 168°00'E | KI | AL-16.D-36 | 52 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/3/7 | 02°37'S | 172°20'E | KI | AL | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/3/11 | 01°50'S | 168°42'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/4/28 | 03°08'S | 167°47'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/3 | 01°01'N | 168°57'E | KI | AL-5.D-3 | 8 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/4 | 00°48'N | 169°22'E | KI | AL-5.D-2 | 7 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/5 | 00°52'N | 168°14'E | NR | AL-8.D-6 | 14 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/6 | 00°33'S | 165°53'E | NR | AL-3.D-3 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/7 | 01°15'N | 167°50'E | NR | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/20 | 03°03'S | 179°11'E | KI | AL-2.D-4 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/21 | 00°06'N | 178°01'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/23 | 01°31'S | 179°09'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/24 | 01°30'S | 179°02'E | KI | AL-1.D-4 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/28 | 01°01'S | 172°57'E | KI | AL-7.D-2 | 9 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/29 | 00°59'N | 170°31'E | KI | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/30 | 00°39'S | 170°40'E | KI | AL-8.D-3 | 11 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/5/31 | 00°41'N | 169°15'E | KI | AL-1.D-3 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/1 | 01°13'S | 171°29'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/2 | 01°17'S | 172°32'E | KI | AL-4.D-1 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/3 | 01°01'S | 172°56'E | KI | AL-2.D-4 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/5 | 01°20'S | 171°56'E | KI | AL-2.D-12 | 14 |

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| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/14 | 01°42'S | 172°49'E | KI | AL-4.D-1 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/15 | 02°03'S | 172°41'E | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/17 | 01°53'S | 172°58'E | KI | AL-3.D-1 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/18 | 02°29'S | 173°39'E | KI | AL-3.D-3 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/18 | 03°13'S | 174°50'E | KI | AL-1.D-4 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/20 | 03°45'S | 176°58'E | KI | AL-2.D-5 | 7 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/22 | 02°44'S | 174°09'E | KI | AL-3.D-4 | 7 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/23 | 02°35'S | 173°14'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/24 | 00°31'S | 172°09'E | KI | AL-1.D-1 | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/27 | 02°08'S | 179°15'E | KI | AL-1.D-3 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/29 | 03°17'S | 179°35'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/6/30 | 03°27'S | 179°27'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/7/1 | 01°00'S | 179°26'E | KI | AL-2.D-3 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/7/3 | 01°37'S | 174°20'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/9/26 | 03°05'S | 179°24'E | KI | D | 2 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/1 | 05°03'S | 173°21'E | TV | AL-2.D-4 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/2 | 06°58'S | 173°56'E | TV | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/3 | 03°00'S | 171°31'E | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/6 | 00°50'S | 165°47'E | NR | AL-1.D-3 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/9 | 02°28'S | 170°24'E | KI | AL-1.D-2 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/10 | 01°23'S | 172°08'E | KI | AL-2.D-4 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/13 | 02°33'S | 170°04'E | KI | AL-1.D-3 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/25 | 00°01'S | 169°13'E | KI | AL-5.D-1 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/10/28 | 00°48'S | 170°57'E | KI | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | /2020/10/30 | 00°53'S | 171°14'E | KI | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/1 | 00°54'S | 168°00'E | NR | AL-2.D-1 | 3 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/2 | 01°21'N | 166°42'E | NR | AL-5.D-3 | 8 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/3 | 00°59'N | 165°35'E | NR | AL-7.D-3 | 10 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/4 | 01°35'N | 166°16'E | NR | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/5 | 01°34'N | 166°04'E | NR | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/6 | 01°20'N | 165°33'E | NR | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/13 | 00°22'N | 175°01'E | KI | AL-5.D-7 | 12 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/16 | 00°35'N | 176°09'E | KI | AL-3.D-1 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/21 | 01°56'S | 168°04'E | NR | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/22 | 01°58'S | 168°11'E | KI | AL-5.D-3 | 8 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/23 | 02°54'S | 167°49'E | NR | AL-7.D-3 | 10 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/26 | 02°04'N | 166°48'E | NR | AL-7.D-5 | 12 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/27 | 02°05'N | 166°31'E | NR | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/11/29 | 01°08'S | 171°21'E | KI | AL-5.D-3 | 8 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/7 | 02°51'N | 171°30'E | KI | AL-2.D-2 | 4 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/11 | 00°25'S | 167°33'E | NR | AL-3.D-2 | 5 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/14 | 01°29'N | 166°37'E | NR | AL-2.D-2 | 4 |

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| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/15 | 02°23'N | 166°17'E | NR | AL-4.D-3 | 7 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/18 | 01°17'S | 163°53'E | NR | AL-4.D-2 | 6 |
| CN | PS | JIN HUI 58 | Silky Shark | 2020/12/31 | 01°39'S | 165°58'E | NR | AL-3.D-2 | 5 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/4/3 | 02°08'N | 162°54'E | FSM | AL-1.D-1 | 2 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/6/16 | 03°08'S | 175°19'E | Kiribati | AL-3.D-1 | 4 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/7/7 | 02°17'S | 171°34'E | Kiribati | AL-2.D-1 | 3 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/7/12 | 03°47'S | 174°52'E | Kiribati | AL-5.D-2 | 7 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/10/11 | 01°40'S | 170°10'E | KI | AL-2.D-3 | 5 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/10/26 | 04°10'S | 177°19'W | Kiribati | D | 2 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/11/20 | 02°18'N | 175°24'E | Kiribati | D | 4 |
| CN | PS | JINHUI 18 | Silky Shark | 2020/12/13 | 00°44'S | 170°49'E | Kiribati | D | 2 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/1/6 | 01°44'S | 171°41'E | KI | AL-20,D-1 | 21 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/1/8 | 02°05'S | 172°06'E | KI | AL | 3 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/1/9 | 02°34'S | 171°27'E | KI | AL | 37 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/2/7 | 00°55'S | 170°43'W | KI | AL-2,D-3 | 5 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/2/8 | 02°22'S | 169°17'W | KI | AL | 2 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/2/29 | 02°16'S | 178°12'E | KI | AL | 2 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/3/13 | 02°35'S | 177°54'E | KI | AL-4, D-3 | 7 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/3/14 | 01°01'S | 177°26'E | KI | AL-2,D-2 | 4 |
| CN | PS | JIN LIAO YU NO.57 | Silky Shark | 2020/10/12 | 01°52'S | 169°20'E | KI | D | 4 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/6 | 00°01'S | 170-31E | KI | D | 2 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/7 | 00°04'N | 170-07E | KI | D | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/8 | 00°19'N | 169-01E | KI | D | 9 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/9 | 00°09'N | 168-27E | KI | D | 6 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/11 | 00°07'S | 168-00E | NR | D | 3 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/12 | 00°28'S | 167-29E | NR | D | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/13 | 00°44'S | 167-32E | NR | D | 11 |

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| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/21 | 00°13'S | 171-37E | KI | D | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/1/27 | 02°25'S | 173-08E | KI | D | 16 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/2/22 | 02°35'S | 179-11E | KI | AL | 2 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/2/23 | 02°42'S | 179-10E | KI | AL-3,D-4 | 7 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/2/29 | 02°22'S | 177-56E | KI | AL | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/2 | 01°36'S | 179-46E | KI | D | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/3 | 01°21'S | 179-38E | KI | AL-1,D-2 | 3 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/4 | 01°21'S | 179-16E | KI | AL | 3 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/5 | 01°15'S | 179-11E | KI | AL-6,D-3 | 9 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/6 | 01°22'S | 178-46E | KI | AL-3,D-2 | 5 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/7 | 01°10'S | 178-16E | KI | AL-6, D-1 | 7 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/8 | 01°09'S | 177-32E | KI | AL-2,D-1 | 3 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/13 | 03°11'S | 167-15E | NR | AL-26,D-20 | 46 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/17 | 02°09'S | 167-37E | NR | AL | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/18 | 02°35'S | 167-26E | NR | AL-2,D-3 | 5 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/19 | 02°38'S | 166-45E | NR | D | 1 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/20 | 02°46'S | 166-20E | NR | D | 3 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/3/21 | 03°03'S | 165-38E | NR | D | 2 |
| CN | PS | JIN LIAO YU NO.77 | Silky Shark | 2020/4/7 | 00°41'S | 166-13E | NR | AL | 1 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/7/3 | 01°21'S | 170°49'E | KI | AL | 5 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/7/8 | 00°23'N | 172°02'E | KI | AL | 2 |

| | | | | | | | | | |
|----|----|-------------------------|-------------|-----------|---------|----------|----|----|----|
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/7/15 | 03°00'N | 175°24'E | KI | AL | 2 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/7/20 | 01°30'N | 169°12'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/14 | 01°52'S | 178°20'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/18 | 04°04'S | 178°02'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/19 | 04°12'S | 177°18'E | KI | AL | 11 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/20 | 04°21'S | 177°05'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/21 | 04°13'S | 177°11'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/22 | 04°14'S | 177°09'E | KI | AL | 2 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/8/24 | 00°13'S | 168°30'E | KI | AL | 5 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/9/4 | 02°57'S | 174°58'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/9/11 | 03°48'S | 175°07'E | KI | AL | 3 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/9/13 | 06°33'S | 174°48'E | TV | AL | 6 |
| CN | PS | FENG XIANG NO.818 | Silky Shark | 2020/9/17 | 04°56'S | 173°05'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/1/24 | 00°31'N | 178°09'E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/1/26 | 00°07'N | 177°52'E | KI | AL | 2 |
| CN | PS | ZHONG TAI | Silky Shark | 2020/2/1 | 03°32'S | 173°40'E | KI | AL | 2 |

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|----|----|-------------------|-------------|-----------|---------|----------|-----|----|----|
| | | NO.1 | | | | | | | |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/4 | 00°37'N | 177°12'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/21 | 00°57'N | 175°45'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/24 | 00°44'N | 178°20'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/26 | 02°50'S | 177°44'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/27 | 03°20'S | 177°39'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/21 | 04°54'S | 173°05'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/4 | 02°59'S | 179°39'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/6 | 00°26'N | 177°33'E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/8 | 00°23'N | 176°57'E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/9 | 00°17'N | 176°48'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/2/11 | 00°17'N | 176°47'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/6 | 02°55'S | 178°03'E | KI | AL | 4 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/18 | 03°56'S | 173°28'E | KI | AL | 8 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/19 | 04°21'S | 173°20'E | KI | AL | 8 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/3/20 | 04°46'S | 173°06'E | KI | AL | 9 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/4/4 | 03°51'N | 170°08'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/4/9 | 04°11'N | 165°07'E | KI | AL | 3 |
| CN | PS | ZHONG TAI NO.1 | Silky Shark | 2020/4/23 | 02°38'N | 164°01'E | KI | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/5/13 | 01°16'S | 152°13'E | PNG | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/6/2 | 01°50'N | 168°02'E | NR | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/6/3 | 01°47'N | 168°29'E | NR | AL | 5 |

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|----|----|-------------------|-------------|------------|---------|----------|-----|----|----|
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/6/12 | 00°53'N | 169°50'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/6/21 | 02°10'S | 172°37'E | KI | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/2 | 02°12'S | 170°44'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/14 | 00°49'N | 171°57'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/16 | 00°12'N | 170°28'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/17 | 00°18'N | 170°18'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/30 | 00°00'S | 175°53'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/7/30 | 00°06'N | 175°30'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/4 | 01°30'S | 173°12'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/4 | 01°35'S | 172°43'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/6 | 00°33'N | 169°28'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/11 | 01°20'N | 170°01'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/16 | 01°43'S | 178°23'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/8/25 | 02°30'S | 171°28'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/9/11 | 02°04'S | 168°22'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/10/4 | 01°54'S | 165°13'E | NR | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/10/16 | 06°59'S | 167°52'E | SI | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/10/19 | 03°43'S | 168°03'E | KI | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/5 | 03°34'S | 162°30'E | PNG | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/9 | 05°05'S | 156°07'E | PNG | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/16 | 02°46'S | 162°07'E | PNG | AL | 5 |
| CN | PS | ZHONG TAI | Silky Shark | 2020/11/18 | 02°45'S | 158°39'E | PNG | AL | 5 |

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|----|----|-------------------|-------------|------------|---------|----------|-----|----|------|
| | | NO.3 | | | | | | | |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/21 | 02°40'S | 159°52'E | PNG | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/23 | 05°51'S | 161°17'E | SI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/27 | 01°20'S | 160°08'E | PNG | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/11/29 | 02°54'S | 161°12'E | PNG | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/13 | 00°59'N | 177°58'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/21 | 04°07'S | 173°26'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/22 | 04°36'S | 173°05'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/24 | 02°28'S | 169°28'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/4/13 | 00°11'S | 165°47'E | NR | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/5/7 | 01°45'S | 159°47'E | PNG | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/5/9 | 02°01'S | 159°48'E | PNG | AL | 1 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/5/12 | 01°17'S | 152°37'E | PNG | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/1/30 | 01°23'N | 172°56'E | KI | AL | some |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/5 | 00°27'N | 177°28'E | KI | AL | 3 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/8 | 03°42'N | 177°12'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/8 | 00°19'S | 178°55'E | KI | AL | 2 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/23 | 00°04'S | 178°15'E | KI | AL | 10 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/2/29 | 04°04'S | 176°50'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/1 | 03°29'S | 177°40'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/13 | 01°06'S | 172°50'E | KI | AL | 5 |
| CN | PS | ZHONG TAI NO.3 | Silky Shark | 2020/3/15 | 01°17'S | 171°14'E | KI | AL | 2 |

Table 15 Sea turtle interactions in purse seine for national fleet

| Flag | Gear | Vessel Name | Species | Date | Latitude | Longitude | EEZ | Life Status(Dead/Alive) | Number of Individuals |
|------|------|-------------------|--------------|----------|----------|-----------|-----|-------------------------|-----------------------|
| CN | PS | XIN SHI JI 112 | Green Turtle | 2020/2/3 | 00°16'N | 178°11'E | KI | AL | 1 |
| CN | PS | JIN HUI 18 | GreenTurtle | 2020/1/8 | 00°35'S | 177°55'E | KI | AL | 1 |