



October 19, 2021
Sent Electronically

Liane M. Randolph
Chair, California Air Resources Board
1001 I street
P. O. Box 2815
Sacramento, California 95812

Subject: Comments Regarding the Proposed Amendments to the Commercial Harbor Craft Regulation

Dear: Chairperson Randolph

My name is Markus Medak, and I am the majority owner of New Lo-An Sportfishing Inc. We operate a single 64' CPFV out of Point Loma Sportfishing in San Diego, and have been operational since early 2004. We carry a crew of 6, and normally support 7-8 full time employees (including myself). The proposed harbor craft rules will be disastrous for my company and employees. Unfortunately, CARB staff has made a number of incorrect assumptions regarding the operating areas, pricing structure, costs of replacement equipment, and availability of capital financing loans. The end result of this rule will be the loss of the CPFV fleet in California, with the accompanying loss of jobs, and income to ancillary businesses (fuel docks, insurance, fish processors, tackle shops, etc).

Staff have correctly pointed out that many CPFVs will need to be replaced in order to comply with the proposed rules. Due to the Jones Act, and constantly evolving Coast Guard regulations, new builds in the CPFV fleet have generally not been economically feasible for decades. The majority of the fleet was built in the 1970s and 1980's, along with a significant number of vessels built in the 1960s and even into the 1940s. A handful of boats were built in the 1990s and up into the early 2000s. The age of this fleet is simply a factor of economic realities. There are very few captains that would not love the opportunity to build and operate a new vessel if it was possible to still make a living while doing so!

The CPFV industry in Southern California is a very high cost, low profit margin business. The New Lo-An has been averaging approximately \$1,000,000 in annual gross revenue for the last 5 years. However, labor, maintenance, insurance, bait, landing, galley supplies, and fuel account for 90% of my annual revenue, which leaves only \$100,000 to cover any finance costs and profits for me and the minority owner (the other captain).

In Appendix C-1, Table C-32, Staff assume vessel replacement cost of a CPFV that is compliant with proposed rules and current USCG regulations to be \$1,883,524. This appears to be a wildly optimistic number. I am attaching a current quote for a Southern California style new charter vessel by Snow and Company (www.snowboatbuilding.com) (Appendix 1). Their quote for a traditional propulsion package (shafts and props), is \$4.1 million. However, this quote does not include overnight passenger accommodations nor enough fish hold, nor bait capacity. The New Lo-An has

40 overnight passenger bunks, and 6 crew bunks, while the quoted vessel only has overnight berthing for 3 crew. The New Lo-An has bait tanks holding 3000 gallons of water and 290 scoops of bait, while the quoted vessel only carries 365 gallons and 24 scoops of bait. The quoted vessel has one fish hold with a single 5 ton refrigeration system. The New Lo-An has three separate holds with three separate 3 ton refrigeration systems. These are major structural changes which will increase the cost of the vessel by hundreds of thousands of dollars in order to build a replacement that can equal the New Lo-An's current revenue.

Staff also assume that the current CPFV can be sold in a different market other than California in order to recoup some capital for a down payment on a new build. However, the majority of these vessels were built and optimized for the Southern California live bait CPFV fleet and have little to no value out of state. These types of vessels have not been successfully sold in other markets to date.

If we (optimistically), assume that a new vessel can be built for \$4.5 million, and we are able to finance 97.5%,¹ the revenue will still not support this business. A 20 year note at 5% will have a monthly payment of \$29,000, or an annual finance cost of \$348,000. A business that normally provides its owners with approximately \$100,000 in salary and disbursements, cannot possibly support a new annual finance cost of \$348,000. If we use the Staff assumption, that a new vessel can be built and financed for \$1,888,816 (Table C-32), we still have an annual cost of \$91,406. Since both of the owners of this business normally split \$100,000 in profits, this business will not be viable. It is also important to note that revenues and profits fluctuate dramatically in this industry depending on both fishing and economic conditions. In 2009 and 2010, gross annual CPFV revenues of New Lo-An Sportfishing fell below \$400,000. The only thing that kept the business solvent is the fact that I reinvested all of my revenue in the business and was able to support my family by commercial fishing during the off season.

Staff assume that the majority of these excess costs can be passed on to the customer. We don't believe this will be successful. The New Lo-An operates approximately 120 days per year (when fishing is good). If we use the more realistic numbers of a \$4.5 million replacement cost, we will need to raise our ticket prices by \$156/day and still not see any reduction in demand. In reality, we have found that demand is extremely closely related to price, with price increases as low as \$10/day having significant and immediate reductions in ticket sales. Sportfishing is a classic example of a service that exhibits very elastic demand in response to price, which makes it very difficult for the industry to pass additional costs on to their customers. If we use Staff's unrealistic number of \$1.8 million in replacement cost, we must still raise the ticket price by \$42/day without any reduction in demand in order to pay the excess cost. It is also important to note that the California increase in minimum wage has significantly raised our labor costs, and will continue to do so until 2023. We are already in a position where we are raising prices at double the rate of inflation in order to recoup our increased labor costs.

Staff assume that conventional financing will be available from financial institutions for new vessel construction. This is not likely to be the case. Banner Bank holds many of the current mortgages in the CPFV fleet, but they have no mechanisms in place for financing new construction. My company and I have excellent credit, but I have yet to find a bank that would finance more than 60% of an

¹ This type of financing is not available on the commercial market, and would require a government backed loan of some type

existing vessel, let alone finance the construction of a new vessel. It is likely that the State of California would have to guarantee these loans if they wish to keep these businesses solvent.

When making the calculations for their inventory and health analysis, Staff once again used incorrect assumptions. According to Wei Liu of the ARB, they used AIS (Automatic Identification System) data to calculate what portion of vessel activity was occurring within 24 nm of the California coast.² However, AIS is not required on vessels of less than 65 feet unless they are operating in a Vessel Traffic Service (VTS). A majority of the CPFV fleet is less than 65 feet, and the 2 VTS areas in California are directly offshore of the Golden Gate and LA/Long beach harbors, thus AIS is not required for the majority of the CPFV fleet. The CPFV fleets of San Francisco Bay and LA/Long Beach harbors tend to spend more time fishing inshore than significant portions of the CPFV fleet. Because of this, any use of AIS data to show area of operation will bias the data towards a more inshore area of operation than actually occurs as a whole. A more accurate method of determining area of operations of the CPFV fleet would be to use log book data from the California Department of Fish and Wildlife (CDFW). All CPFVs must submit daily logs of times and location they spent fishing. Why was this method not used?

CARB staff also used a second method in determining area of operation of CPFVs. This method consisted of a survey that was required by operators of commercial vessels in California. Unfortunately, the public outreach for this effort was not very robust and this resulted in an incomplete data set. I remember filling my report out, but it was not clear at all that ONLY hours and fuel burned in California regulated waters were to be reported. Since there had been new requirements for hour meters that could not be shut off, I, along with many of my colleagues (incorrectly) assumed that we were being asked for total hours of operation annually. Staff acknowledges this issue in Appendix H, where they nevertheless decide to assume that ALL hours reported are from regulated waters. By not correcting this issue, the data are significantly biased towards showing higher emissions in regulated waters than there actually are. Once again, CDFW logs are legal documents that show positions and time spent operating in certain geographical areas. By not using these data, CARB staff are not using the best available science in the assumptions for their analysis.

Much of the CPFV fleet from San Diego spends the majority of their time in the Mexican EEZ where AIS is not required on vessels of less than 150 tons, thus the AIS data is not usable. Most of the CPFV fleet that has AIS has only class B transponders, which are lower powered and less likely to be accurately received by shore stations. Relying on Marine Cadestre (Vessel Traffic information) for accurate locations of the CPFV fleet will not yield accurate results.

When calculating total emissions, Staff used the baseline number of 274 vessels in the CPFV fleet with diesel engines. However, the Sportfishing Association of California and Golden Gate Fisherman's Association conducted joint surveys of ports and were only able to account for 174 inspected CPFVs. It is likely that the remaining vessels are 6 pack charter boats, but the calculations of fuel burn should be different for these vessels as they tend to be smaller and operate much less. Once again, CDFW log book data should be used to quantify where and when these vessels operated.

² email Wei.Liu@arb.ca.gov 04/07/2021

Since CDFW logbook data was not used in order to determine operating areas for CPFVs, I downloaded the logbook data from the CDFW for my vessel (Appendix 2). The logbook data is considered proprietary, so I am not able to access any of the information from the rest of the fleet, but the data is available to other government agencies. My vessel, the New Lo-An, is very representative of the overnight fleet in San Diego. We run a mix of single day and multi day trips targeting pelagic species. The majority of our fishing is done in Mexico, with a significant minority occurring in the offshore waters of the US EEZ off California.

I found that from January 1, 2016 to October 1 2021, we fished for a total of 585 days. Of these days, 312 were spent fishing entirely in the Mexican EEZ, 230 days were spent fishing in the US EEZ more than 24 miles off the mainland shore, and 43 were spent fishing within 24 miles of the California coast. Since our homeport is San Diego, we do spend a portion of every trip operating in regulated waters. When fishing in Mexico, the distance from the harbor entrance to the international border is approximately 6 nautical miles, and the distance from the dock to entrance is approximately 6 miles. We spend significant time (30 minutes-1 hour) loading bait in the harbor, but at that time the main engines are off, and the only machinery operating is a 35 kW generator. Our standard cruising speed is 10 knots, so this means that we will operate approximately 2-3 hours per trip in regulated waters while we are en route to and from the Mexican EEZ. When heading to the US EEZ, we can assume a total travel time of 6 hours per trip in regulated waters (3 hours each way), and when fishing within 24 miles, we can assume that the entire trip took place in regulated waters. Since we run a mix of single day and multi-day trips, I totaled the number of trips that traveled to each area. I found that we ran 278 trips to Mexico and 156 trips to the offshore (outside of 24 nm) waters of California. Seven trips went to both areas (they started in Mexico and finished in the US or vice versa). This makes a total of 844.5 hours traveling to and from Mexico and 946.5 hours to and from the US offshore waters. We will assume that 12 hours per day were spent operating in regulated waters when fishing within 24 miles of the coast. The remaining hours are counting for passenger loading/unloading, bait loading and fishing. When fishing, the boat is generally anchored, or drifting with no engines running except for the generator. This will add an additional 516 hours of operation in regulated water. During this time frame (5+ years), the boat operated a total of 14,040 hours. If we do the math, we find that the New Lo-An operates 16.28% of the time in regulated waters, not the 83% of the time that Staff calculates using faulty AIS and survey data.

It should be noted that the New Lo-An is a typical overnight/short range CPFV of the San Diego fleet. There are 12 long range CPFVs in San Diego that run a much higher percentage of their trips in Mexico, with a commensurately lower percentage of operating time in regulated waters. Most, if not all of these vessels will be eligible for an exemption based on low operating hours in regulated waters, but it does not appear that these vessels were excluded from the analysis by CARB staff. Of the San Diego fleet, only the 1/2 day boats spend the majority of their time operating in regulated waters. This is a total of 4 boats in San Diego and Mission Bay out of a total fleet of approximately 70 inspected CPFVs operating out of these two harbors.

Staff also assert that the reason that commercial fishing vessels will only be required to have Tier 2 engines without a DPF is because they are unable to pass on the extra cost, and they have a small profit margin. There is no data to back this up, and I believe this assertion shows a lack of understanding of the economics of both of these industries. I contend that neither industry can afford to comply with these regulations. I have owned a CPFV for 17 years and a commercial fishing boat for 13 years. While my gross revenue has been much higher on the CPFV, the profit margin while

commercial fishing is higher. As previously mentioned, CPFVs are expensive to maintain and operate. Not only do they have numerous fixed costs built into the pricing structure (bait, landing, port), but insurance, maintenance and crew costs tend to be dramatically higher. Over the last 17 years, I typically have an approximate 10% profit margin on my CPFV, and a 60+% profit margin while commercially lobster fishing. I have had years with a \$1,000,000 gross on the CPFV and a \$100,000 gross on the commercial boat and my take home was the same (\$60-70,000) from each business.

Staff also fail to account for how many associated businesses will be affected or forced out of business. I am a 25% owner of a fish processing business where 100% of our revenue is derived from processing sport caught fish. The vast majority of our business comes from CPFVs with less than 5 percent from recreational boats. This business supports 8 full time employees and an additional 42 seasonal employees. Without the CPFV fleet we will not survive. Many of our employees live in one of the Disadvantaged Communities that we are trying to protect. There are numerous businesses on the waterfront that depend on the CPFV fleet to attract customers from the entire country. Some examples are: fuel docks, sport fishing landings, boat yards, tackle shops, hotels and restaurants.

Staff proposes to separate CPFVs from commercial fishing boats, but there is no clear direction as to how this will be done. Many CPFVs participate in various commercial fisheries throughout the state when it is economically advantageous to do so. In Southern California they participate in the squid, bluefin tuna and rockfish fisheries, while in Northern California many CPFVs participate in the Dungeness crab, salmon, rockfish or albacore fisheries. For many of us, the CPFV license is just one of many commercial fishing licenses that we hold. Under the proposed rules, it is unclear if a vessel that does both commercial fishing and CPFV fishing will be allowed to participate in both fisheries without complying with the new rules.

It is also important to note that recreational boats are exempt from these proposed rules. Thus, under the proposed rules, yachts of all sizes will still be allowed to operate in California waters. Many of these yachts have much larger engines and burn orders of magnitude more fuel per hour than a typical CPFV. For most Californians, CPFVs are one of the only ways to access the ocean. This rule will make it the exclusive domain of a very small minority of economically privileged Californians.

The CDFW derive much of their operating budget from the sale of sport fishing licenses. In 2020, sport fishing license sales generated over \$72 million. These are funds that are used directly in the conservation and protection of California's natural resources. The loss of a significant portion of the CPFV fleet would jeopardize a major source of this revenue stream.

When building mathematical models, such as those for calculating economic impacts of various emissions scenarios, it is critical to have accurate baseline data of the actual operating parameters of the vessels involved rather than using incorrect assumptions. "The appropriate use of models and their output can contribute to effective policy making, but misuse of models or misrepresentation of their output can mislead decision-making."³ Staff did not use the correct operating parameters for the San Diego fleet when building their model showing CPFV emissions statewide. San Diego

³ Richardson, B.C. 1979. Limitations on the use of mathematical models in transportation policy analysis. University Microfilms International, Ann Arbor, Mich.

accounts for a very significant portion (perhaps even the majority) of CPFV operations in California. Without logbook data for the entire fleet this number is impossible to quantify. As a government agency, CARB has access to this data, but elected not to use it.

In their cost/benefit analysis, CARB staff relied on faulty data from AIS and the CHC reporting form. Because they did not use the most robust data set available, the conclusions reached by staff are flawed. The CPFV fleet, as a whole, spends less time operating and emitting in regulated waters than is assumed in the analysis. Since not as many emissions occur in the regulated waters as assumed, the health cost and associated monetary savings to the California population from the CPFV fleet will be significantly lower than concluded in the analysis. Because unrealistic figures were used in the economic analysis of the CPFV industry, the economic costs to the industry, associated businesses and waterfront community will be much higher than the cost/benefit analysis shows. In conclusion, the net result of this proposed rule is likely to have a high economic cost, a loss of access to the ocean for most Californians, and have a negligible impact on the public health of coastal communities.

Chair Randolph, Vice Chair Berg, and all members of the Board, please consider the impact of this proposed rule change on the California waterfront community, small businesses, the California Department of Fish and Wildlife, and the potential loss of access to the ocean for the California public before adopting this proposed rule. Working towards a net zero emission future is an important and laudable goal of the California Air Resources Board. Forcing CPFVs to comply with this rule is not accomplishing this goal and can serve as a distraction on the way to meaningful change. Please continue to consider all commercial fishing vessels the same whether they have a CPFV license or not.

Respectfully,

Markus Medak

Markus Medak
New Lo-An Sportfishing

Appendix 1

From: Frank Ursitti frank@hmlanding.com 
Subject: FW: Snow & Co Charter boat Specifications and Price
Date: September 25, 2021 at 7:16 AM
To: info@newloansportfishing.com

FU

From: Chris Watson <ChrisW@snowboatbuilding.com>
Sent: Tuesday, September 21, 2021 4:18 PM
To: Frank Ursitti <frank@hmlanding.com>
Cc: Brett Snow <brett@snowboatbuilding.com>
Subject: Snow & Co Charter boat Specifications and Price

Frank,

Attached you will find our specifications for an 80' charter vessel for your review.

This specification is for a diesel electric drive system using multiple (3) generators to provide the required power. When more power is needed such as cruising to and from the fishing grounds additional generators come online, when less power is needed such as when on the grounds or maneuvering in/out of harbor fewer generators will be running reducing fuel consumption. The diesel electric design was utilized to allow for future improvements when new power generation or storage technology becomes available without requiring complete vessel restructuring.

The budgetary estimate for this vessel with the diesel electric propulsion is 4.6 million
Using a conventional power package (diesel w/ shafts & props) budgetary would be 4.1 million.

Feel free to call anytime if you have any questions or concerns.

Regards,

Chris Watson

Estimating & Project Mgmt

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Seattle, WA 98107
Mobile: 206-351-9556
Direct: 206-2582091
Main line: 206-953-7676
www.snowboatbuilding.com



Charter boat
Specifi...n.docx



SOCAL Charter Vessel Specification

Proposed concept is to provide a diesel electric drive charter fishing/sightseeing vessel. The diesel electric design was chosen to “futureproof” the vessel to allow for upgrades to power system as new and more reliable technology becomes available. Electrical power is generated via multiple diesel generators, the decision was made to not use battery storage system due to the current inefficiency in energy storage.

Vessel to be designed and built to all class requirement (Sub-Chapter T, ABS etc)

100 Design & Structure

General

Length overall,	80'
Beam overall	25
Crew	3 person
Passengers maximum	40 person
Fuel capacity, useable	1000 US gal.
Fresh water capacity	1000 US gal.

Hull materials

- Option #1 Steel
- Option #2 Fiberglass
- Option #3 Aluminum

House design

- Material same as hull
- Interior dinning/seating area
- Galley for food preparation and concessions sales
- ADA compliant
 - Head
 - Doorway
 - Seating area
- Crew member berth and head w/ shower



SOCAL Charter Vessel Specification

200 Propulsion Systems

Propulsion to be provided by twin electrically powered azimuth pod type motors. This propulsion system combines steering along with propulsion making the vessel highly maneuverable and controllable.

Electrical power is provided by multiple generators, operating together as power is required and shutting down during low power consumption operations(in/out port, trolling or "idling")

Azimuth Thruster

- SCHOTTEL SRE
- EcoPeller 150 L-Drive
- 1200 mm Fixed Pitch Propeller
- Offshore duty rating
 - 3000 to 5500 annual thruster operating hours
- Freshwater cooled motor



Azimuth steering

- Electrical
- Steering time 10 seconds for 180°

Generators

- Three Northern Lights 300kw w/ SCR & wet exhaust
- Multiple generators to be started & paralleled as electrical demands increase
 - Utilize generator power efficiently to reduce, fuel consumption, noise and engine wear

300 Electrical Systems

Vessel is equipped with multiple electrical systems of AC & DC power. Electrical control cabinets are used to properly protect components and personnel. All systems to be grounded at one single point as required.

- Schneider frequency converts for control of propulsion motors
- Generator control systems
- Led lighting throughout vessel
- Generators individual start battery bank
- House emergency power battery bank
- Shore power connection 50 amp minimum



SOCAL Charter Vessel Specification

400 Command & Control Systems

Full suite of Furuno Navnet electronics system along with communication radios and satellite phone.
Schottel drive controls

Electronics

- Furuno radar radome
- Furuno radar open array
- Furuno Navnet system
- Dual GPS chart plotters
- Satellite phone
- Dual VHF
- Sideband radio
- Wesmar HD860 Color side-scanning sonar
- Fathometer
- Loud hailer
- PA system

Alarm system

- Bilge high water
- Fire
- Propulsion motors
- Generator monitoring



SOCAL Charter Vessel Specification

500 Auxiliary Systems

Auxiliary system components are selected for longevity and where possible duplicated between system to reduce spare requirements

- HVAC
 - TECHNICOLD CHILLED WATER MARINE AIR CONDITIONING
 - 90,000 btu
 - Multi zone system
 - Bridge
 - Galley
 - Mess deck
- RSW
 - Integrated Marine Systems 5 ton system
 - Electric drive
- Bait tanks
 - FWD
 - 65 gallon / 4 Scoop
 - AFT
 - 300 gallon / 20 scoop
- Fish Hold
 - Size TBD
- Washdown pumps FWD & AFT
- Potable water
 - 1000 gallon tank
 - Pressure pump
 - Hot water heater
- Waste system
 - 500 gal black water
 - 500 gal grey water
 - Deck pump out connection
 - Macerator pump and overboard connection
- Bilge System
 - Individual bilge pumps located in all water tight compartments



SOCAL Charter Vessel Specification

600 Interior/Exterior Outfitting

All decking, paneling, cabinetry, and seating for passengers made of materials selected for ease of cleaning and durability

Galley & Concessions equipment

- Under counter top load Beverage cooler
 - 25 cases of bottles
- Refrigerator
- Flat top grill
- Vent hood
- Warming pan
- Coffee maker

Seating area

- ADA compliant doorway
- Easy clean booth type seating
 - ADA compliant section
- USB charging ports
- (2) 42 " flat screen TV's w/ dvd player
 - Optional satellite TV

Passenger heads

- Two individual heads
- ADA compliant
 - Dooway
 - Grab bar
 - Toilet height
- Easy clean with deck drain
- Raw water toilet

Insulation

- Passenger and pilot house areas to be thermally insulated
- Engine room to be acoustically insulated



SOCAL Charter Vessel Specification

600 Interior/Exterior Outfitting (CONT)

Crew Stateroom & head

- Separate from the guest areas
- Sleeping bunk
- Full head w/shower

Railing

- Continuous railing with movable sections as required for boarding
- Height TBD

Paint/gelcoat

- Paint
 - If vessel is steel or aluminum
- Gelcoat
 - If vessel is fiberglass

Decks

- All walkways and decks shall be covered in Nonskid

Windows

- All windows to be direct bonded frameless windows

Appendix 2



California Department of Fish and Wildlife
Marine Logs System
Commercial Passenger Fishing Vessel Report
Confidential Records for Vessel

12842 NEW LO AN

Report Date: 10/10/2021 12:04:21 PM

Serial Num	Log Date	Create Date	Port	Trip Type	Non Paying	Dep Time	Ret Time	Time Fished	Num Fishers	Block	Target Species	Fishing Method	Species	Kept	Released
S01213E	05-04-2016		880	Multi-Day		1900	2599	0000	026			Drifting			
S00G0XE	05-13-2016		880	Multi-Day		2000	2599	0000	022		Tuna	Other			
S00G0YE	05-14-2016		880	Multi-Day		2599	2599	1500	022	0910	Tuna	Drifting	Tuna, bluefin	8	0
S00G0ZE	05-15-2016		880	Multi-Day		2599	0600	0000	022		Tuna	Other			
S00G10E	05-20-2016		880	Multi-Day		2000	2599	0000	020		Tuna	Trolling			
S00G11E	05-21-2016		880	Multi-Day		2599	2599	1500	020	0910	Tuna	Drifting	Tuna, bluefin	1	0
S00G12E	05-22-2016		880	Multi-Day		2599	0500	0000	020		Tuna	Other			
S00GFXE	05-28-2016		880	Multi-Day		2100	2599	0000	042		Rockfishes	Other			
S00GFVE	05-29-2016		880	Multi-Day		2599	1900	1400	042	0842	Rockfishes	Anchored, Drifting	Rockfish, unspecified	66	10
													Rockfish, bocaccio	44	0
S00GFWE	05-29-2016		880	Multi-Day		2100	2599	0000	016		Tuna	Other			
S00GFUE	05-30-2016		880	Multi-Day		2599	1839	1200	016	0910	Tuna	Drifting	Tuna, bluefin	4	0
S00GRSE	06-03-2016		880	Multi-Day		2100	2599	0000	029		Other, Tuna	Other			
S00GRRE	06-04-2016		880	Multi-Day		2599	2599	1400	029	0910	Other	Anchored, Trolling	Lingcod	2	0
													Yellowtail	108	0
													Whitefish, ocean	5	3

<u>Serial Num</u>	<u>Log Date</u>	<u>Create Date</u>	<u>Port</u>	<u>Trip Type</u>	<u>Non Paying</u>	<u>Dep Time</u>	<u>Ret Time</u>	<u>Time Fished</u>	<u>Num Fishers</u>	<u>Block</u>	<u>Target Species</u>	<u>Fishing Method</u>	<u>Species</u>	<u>Kept</u>	<u>Released</u>
S00GRQE	06-05-2016		880	Multi-Day		2599	0630	0000	029		Other	Other			
S00H7CE	06-05-2016		880	Multi-Day		2100	2599	0000	017		Tuna	Other			
S00H7DE	06-06-2016		880	Multi-Day		2599	2599	1600	017	0910	Tuna	Drifting	Tuna, bluefin	10	0
S00H7EE	06-07-2016		880	Multi-Day		2000	2599	0000	017		Tuna	Other			
S00H7FE	06-07-2016		880	Multi-Day		2599	0545	0000	017		Tuna	Other			
S00H7GE	06-08-2016		880	Multi-Day		2599	2599	1600	017	0910	Tuna	Drifting	Tuna, bluefin	12	0
S00H7HE	06-09-2016		880	Multi-Day		2100	2599	0000	028		Tuna	Other			
S00H7JE	06-09-2016		880	Multi-Day		2599	0600	0000	018		Tuna	Other			
S00H7KE	06-10-2016		880	Multi-Day		2100	2599	0000	027		Tuna	Other			
S00H7LE	06-10-2016		880	Multi-Day		2599	2000	1200	028	0910	Tuna	Drifting, Trolling			
S00H7ME	06-11-2016		880	Multi-Day		2599	2599	1500	027	0910	Other, Rockfishes, Tuna	Drifting, Trolling	Bonito, Pacific Yellowtail	21	10
													Rockfish, unspecified	22	0
													Lingcod	64	0
														6	0
S00H7NE	06-12-2016		880	Multi-Day		2599	0600	0000	027		Other, Tuna	Other			
S00HGQE	06-12-2016		880	Multi-Day		2000	2599	0000	013		Tuna	Other			
S00HGPE	06-13-2016		880	Multi-Day		2599	2599	1400	013	0883	Tuna	Drifting	Yellowtail	5	0
S00HGNE	06-14-2016		880	Multi-Day		2599	0600	0000	013		Tuna	Other			
S00HGSE	06-14-2016		880	Multi-Day		2000	2599	0000	016		Tuna	Drifting, Trolling			
S00HGTE	06-15-2016		880	Multi-Day		2599	2599	1500	016	0882	Tuna	Drifting, Trolling	Tuna, bluefin	1	0
S00HGRE	06-16-2016		880	Multi-Day		2599	0530	0000	016		Tuna	Other			
S00HV4E	06-17-2016		880	Multi-Day		1800	2599	0000	020		Other	Other			

<u>Serial Num</u>	<u>Log Date</u>	<u>Create Date</u>	<u>Port</u>	<u>Trip Type</u>	<u>Non Paying</u>	<u>Dep Time</u>	<u>Ret Time</u>	<u>Time Fished</u>	<u>Num Fishers</u>	<u>Block</u>	<u>Target Species</u>	<u>Fishing Method</u>	<u>Species</u>	<u>Kept</u>	<u>Released</u>
S00HV3E	06-18-2016		880	Multi-Day		2599	2599	1400	020	0910	Lingcod, Other, Rockfishes	Anchored, Drifting	Lingcod Yellowtail	5	0
S00HV2E	06-19-2016		880	Multi-Day		2599	2599	1200	020	0910	Lingcod, Other, Rockfishes	Anchored, Drifting	Yellowtail Seabass, white	38	0
S00HV1E	06-20-2016		880	Multi-Day		2599	0631	0000	020		Other	Other			
S00HV6E	06-20-2016		880	Multi-Day		2000	2599	0000	006		Tuna	Other			
S00HV5E	06-21-2016		880	Multi-Day		2599	2000	1200	006	0845	Tuna	Drifting	Tuna, yellowfin	1	0
S00KV6E	06-23-2016		880	Multi-Day		2000	2599	0000	012		Tuna	Other			
S00KV7E	06-24-2016		880	Multi-Day		2100	2599	0000	019		Tuna	Other			
S00KV8E	06-24-2016		880	Multi-Day		2599	2000	1000	012	0864	Tuna	Drifting, Trolling	Rockfish, canary	0	1
													Yellowtail	25	0
													Rockfish, bocaccio	0	2
S00KV9E	06-25-2016		880	Multi-Day		2599	2599	1500	019	0882	Other, Tuna	Drifting, Trolling	Yellowtail	24	2
S00KVAE	06-26-2016		880	Multi-Day		2599	0600	0000	019		Other, Tuna	Other			
S00KVBE	06-30-2016		880	Multi-Day		2000	2599	0000	019		Tuna				
S00KVCE	07-01-2016		880	Multi-Day		2100	2599	0000	022		Tuna	Drifting			
S00KVDE	07-01-2016		880	Multi-Day		2599	2000	1200	019	0864	Tuna	Drifting, Trolling	Tuna, bluefin	4	0

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SOOKVEE	07-02-2016		880	Multi-Day		2599	2599	1500	022	0864	Tuna	Drifting, Trolling	Yellowtail	30	15
											Tuna, bluefin		4	0	
											Dolphin (fish)		1	0	
SOOKVFE	07-03-2016		880	Multi-Day		2000	2599	0000	013		Tuna	Other			
SOOKVGE	07-03-2016		880	Multi-Day		2599	0600	0000	022		Tuna	Other			
SOOKVHE	07-04-2016		880	Multi-Day		2599	2599	1600	013	0864	Tuna	Anchored, Drifting, Trolling	Rockfish, bocaccio	0	15
											Tuna, bluefin		1	0	
											Yellowtail		2	1	
SOOKVJE	07-05-2016		880	Multi-Day		2599	0530	0000	013		Tuna	Other			
SOOKVKE	07-06-2016		880	Multi-Day		2000	2599	0000	019		Tuna	Other			
SOOKVLE	07-07-2016		880	Multi-Day		2599	2599	1800	019	0881	Tuna	Drifting	Yellowtail	3	0
											Tuna, bluefin		16	0	
SOOKVME	07-08-2016		880	Multi-Day		2100	2599	0000	015		Tuna	Other			
SOOKVNE	07-08-2016		880	Multi-Day		2599	0600	0000	019		Tuna	Other			
SOOKVPE	07-09-2016		880	Multi-Day		2000	2599	0000	027		Tuna	Other			
SOOKVQE	07-09-2016		880	Multi-Day		2599	1900	0800	015	0910	Tuna	Drifting, Trolling	Yellowtail	20	2
											Tuna, yellowfin		10	0	
											Dolphin (fish)		1	0	
SOOKVRE	07-10-2016		880	Multi-Day		2599	2599	1800	027	0863	Tuna	Drifting, Trolling	Tuna, yellowfin	3	0
											Tuna, bluefin		18	0	
SOOKVSE	07-11-2016		880	Multi-Day		2599	0600	0000	027		Tuna	Other			
SOOKVTE	07-12-2016		880	Multi-Day		2599	2599	1800	030	0880	Tuna	Drifting	Tuna, bluefin	6	0
SOOKVUE	07-13-2016		880	Multi-Day		2000	2599	0000	031		Tuna	Other			

<u>Serial Num</u>	<u>Log Date</u>	<u>Create Date</u>	<u>Port</u>	<u>Trip Type</u>	<u>Non Paying</u>	<u>Dep Time</u>	<u>Ret Time</u>	<u>Time Fished</u>	<u>Num Fishers</u>	<u>Block</u>	<u>Target Species</u>	<u>Fishing Method</u>	<u>Species</u>	<u>Kept</u>	<u>Released</u>
S00KVVE	07-13-2016		880	Multi-Day		2599	0600	0000	030		Tuna	Other			
S00KVWE	07-14-2016		880	Multi-Day		2599	2599	1800	031	0863	Tuna	Drifting, Trolling	Tuna, bluefin	6	0
S00KVXE	07-15-2016		880	Multi-Day		2599	0600	0000	031		Tuna	Other			
S00KVYE	07-16-2016		880	Single Day		0000	2100	1200	028	0863	Tuna	Drifting, Trolling	Tuna, bluefin	8	0
S00KVZE	07-17-2016		880	Single Day		0000	1900	0000	028	0864	Tuna	Drifting, Trolling			
S00KW0E	07-17-2016		880	Multi-Day		2000	2599	0000	023		Tuna	Other			
S00KW1E	07-18-2016		880	Multi-Day		2599	2599	1500	023	0910	Tuna	Drifting, Trolling	Yellowtail	24	0
													Tuna, yellowfin	31	0
													Dolphin (fish)	1	0
S00KW2E	07-19-2016		880	Multi-Day		2000	2599	0000	023		Tuna	Other			
S00KW3E	07-19-2016		880	Multi-Day		2599	0600	0000	023		Tuna	Other			
S00KW4E	07-20-2016		880	Multi-Day		2599	0910	0100	023	0863	Tuna	Drifting	Tuna, bluefin	1	0
S00QALE	07-22-2016		880	Single Day		0000	2000	1200	017	0864	Tuna	Trolling	Tuna, bluefin	1	0
S00QAME	07-23-2016		880	Single Day		0000	2000	1000	030	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	10	
S00QANE	07-24-2016		880	Single Day		0020	2000	1000	015	0864	Tuna	Drifting, Trolling	Tuna, bluefin	1	0
S00QAPE	07-25-2016		880	Multi-Day		0000	2599	1400	019	0910	Tuna	Drifting, Trolling	Yellowtail	1	0
													Tuna, yellowfin	24	0
S00QAQE	07-26-2016		880	Multi-Day		2599	2599	1400	019	0864	Tuna	Drifting, Trolling	Tuna, yellowfin	90	0
S00QARE	07-27-2016		880	Multi-Day		2599	0600	0000	019		Tuna	Other			

<u>Serial Num</u>	<u>Log Date</u>	<u>Create Date</u>	<u>Port</u>	<u>Trip Type</u>	<u>Non Paying</u>	<u>Dep Time</u>	<u>Ret Time</u>	<u>Time Fished</u>	<u>Num Fishers</u>	<u>Block</u>	<u>Target Species</u>	<u>Fishing Method</u>	<u>Species</u>	<u>Kept</u>	<u>Released</u>
S00QASE	07-28-2016		880	Single Day		0000	2000	1000	030	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	32	0
S00QATE	07-29-2016		880	Single Day		0000	2000	1000	025	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	12	0
S00QAUE	07-30-2016		880	Single Day		0000	2000	1000	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin Tuna, yellowfin	2 5	0 0
S00QAVE	07-31-2016		880	Multi-Day		0000	2599	1400	020	0910	Tuna	Drifting, Trolling	Yellowtail Tuna, yellowfin	2 14	0 0
S00QAWE	08-01-2016		880	Multi-Day		2000	2599	0000	018		Tuna	Drifting, Trolling			
S00QAXE	08-01-2016		880	Multi-Day		2599	0600	0000	020		Tuna	Trolling			
S00QAYE	08-02-2016		880	Multi-Day		2599	2599	1400	018	0910	Tuna	Drifting, Trolling	Dolphin (fish)	9	5
S00QAZE	08-03-2016		880	Multi-Day		2599	0530	0000	018		Tuna	Trolling	Yellowtail	58	15
S00QB0E	08-10-2016		880	Multi-Day		2100	2599	0000	031		Tuna	Drifting, Trolling			
S00QB1E	08-11-2016		880	Multi-Day		2599	2599	1400	031	0910	Tuna	Drifting, Trolling	Dolphin (fish)	2	0
													Tuna, yellowfin	91	0
													Yellowtail	5	5
S00QB2E	08-12-2016		880	Multi-Day		2599	0600	0000	031		Tuna	Drifting, Trolling			
S00QB3E	08-13-2016		880	Multi-Day		0000	2599	1400	023	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	43	0

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S00QB4E	08-14-2016		880	Multi-Day		2599	2000	1200	023	0882	Tuna	Drifting, Trolling			
S00QB5E	08-15-2016		880	Multi-Day		0000	2599	1500	027	0910	Tuna	Drifting, Trolling	Dolphin (fish)	3	0
													Tuna, yellowfin	19	0
S00QB6E	08-16-2016		880	Multi-Day		0000	2599	0000	027		Tuna				
S00QB7E	08-16-2016		880	Multi-Day		2599	0600	0000	027		Tuna				
S00QB8E	08-17-2016		880	Multi-Day		0000	2599	1400	023	0910	Other, Tuna	Drifting, Trolling	Yellowtail	20	10
S00QB9E	08-18-2016		880	Multi-Day		2599	2000	1200	023	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	41	0
S00QBAE	08-19-2016		880	Single Day		0000	2000	1200	030	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	71	0
S00QBBE	08-20-2016		880	Multi-Day		0000	2599	1400	023	0882	Tuna	Drifting, Trolling	Tuna, bluefin	2	0
													Tuna, yellowfin	3	0
S00QBCE	08-21-2016		880	Multi-Day		2599	2599	1400	023	0882	Tuna	Drifting	Tuna, yellowfin	2	0
													Tuna, bluefin	16	0
S00QBDE	08-22-2016		880	Multi-Day		2000	2599	0000	032		Tuna	Drifting, Trolling			
S00QBEE	08-22-2016		880	Multi-Day		2599	0600	0000	023		Other	Other			
S00QBFE	08-23-2016		880	Multi-Day		2599	1705	1000	032	0864	Tuna	Drifting	Tuna, bluefin	5	0
													Tuna, yellowfin	6	0
													Dolphin (fish)	1	0
S00QBGE	08-24-2016		880	Multi-Day		2000	2599	0000	019		Tuna	Drifting			

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S00QBHE	08-25-2016		880	Multi-Day		2599	2599	1600	019	0867	Tuna	Drifting	Tuna, bluefin	9	0
													Tuna, yellowfin	2	0
S00QBJE	08-26-2016		880	Multi-Day		2000	2599	0000	020		Tuna	Other			
S00QBKE	08-26-2016		880	Multi-Day		2599	0600	0000	019		Tuna	Other			
S00QBLE	08-27-2016		880	Multi-Day		2599	2599	1800	020	0867	Tuna	Anchored, Drifting	Tuna, yellowfin	20	0
													Tuna, bluefin	30	0
S00QBME	08-28-2016		880	Multi-Day		2599	1830	1000	020	0867	Tuna	Anchored	Tuna, yellowfin	14	0
													Tuna, bluefin	14	0
S00QBNE	08-29-2016		880	Multi-Day		0000	2599	1400	025	0867	Tuna	Anchored, Drifting	Yellowtail	2	0
													Tuna, bluefin	44	0
S00QAKE	08-30-2016		880	Multi-Day		2599	1915	1000	025	0867	Tuna	Anchored, Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	16	0
													Yellowtail	2	0
S00QBPE	08-30-2016		880	Multi-Day		2000	2599	0000	032		Tuna	Trolling			
S00QBQE	08-31-2016		880	Multi-Day		2599	2599	1200	032	0880	Tuna	Anchored, Drifting	Tuna, bluefin	23	0
S00QBRE	09-01-2016		880	Multi-Day		2599	0700	0000	032		Tuna	Anchored, Drifting			
S0120QE	09-01-2016		880	Multi-Day		2200	2599	0000	032		Tuna	Anchored, Drifting			
S00QBSE	09-02-2016		880	Multi-Day		2100	2599	0000	032		Tuna	Anchored			
S00QBTE	09-02-2016		880	Multi-Day		2599	2000	0700	032	0867	Tuna	Anchored, Drifting	Tuna, bluefin	2	0
S00QBUE	09-04-2016		880	Single Day		0000	2100	1000	023	0867	Tuna	Anchored	Tuna, bluefin	16	0

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S00QBVE	09-05-2016		880	Single Day		0000	2100	1000	032	0867	Tuna	Anchored	Tuna, bluefin	23	0
S00QBWE	09-06-2016		880	Multi-Day		2599	2599	1400	026	0867	Tuna	Other	Tuna, bluefin	32	0
S00QBXE	09-07-2016		880	Multi-Day		2599	0700	0000	026		Tuna	Other			
S00QBYE	09-08-2016		880	Multi-Day		2599	2599	1400	023	0867	Tuna	Anchored			
S00QBZE	09-09-2016		880	Multi-Day		2599	2000	1200	023	0880	Tuna	Drifting, Trolling	Tuna, yellowfin	48	0
S00QC0E	09-10-2016		880	Single Day		0000	2100	1000	023	0880	Tuna	Drifting	Tuna, yellowfin	12	0
S0120RE	09-11-2016		880	Single Day		0000	2100	1100	027	0880	Tuna	Drifting	Tuna, yellowfin	33	0
S00QC1E	09-12-2016		880	Single Day		0000	1750	1100	026	0846	Tuna	Drifting	Tuna, yellowfin	200	0
S0120SE	09-12-2016		880	Multi-Day		2000	2599	0000	032		Tuna	Other			
S0120TE	09-13-2016		880	Multi-Day		2599	2599	1600	032	0845	Tuna	Drifting	Tuna, yellowfin	180	0
S0120UE	09-14-2016		880	Multi-Day		2000	2599	0000	020		Tuna	Drifting			
S0120WE	09-14-2016		880	Multi-Day		2599	0600	0000	032		Tuna	Other			
S0120VE	09-15-2016		880	Multi-Day		2599	2599	1600	020	0863	Tuna	Drifting	Tuna, bluefin	2	0
													Tuna, yellowfin	42	0
S0120XE	09-17-2016		880	Single Day		0000	2000	1200	017	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	68	0
S0120YE	09-18-2016		880	Multi-Day		0000	2599	1600	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	160	0
S0120ZE	09-19-2016		880	Multi-Day		2599	0600	0000	032		Tuna	Other			
S01210E	09-20-2016		880	Multi-Day		0000	2599	1600	031	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	12	0
													Dolphin (fish)	62	10

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S01211E	09-21-2016		880	Multi-Day		2599	0600	0000	031		Tuna	Other			
S01214E	09-21-2016		880	Multi-Day		2100	2599	0000	031		Other, Tuna	Drifting, Trolling			
S01215E	09-22-2016		880	Multi-Day		2599	2599	1200	031	0861	Tuna	Drifting, Trolling	Tuna, yellowfin	34	0
S01216E	09-23-2016		880	Multi-Day		2100	2599	0000	032		Tuna	Drifting, Trolling			
S01217E	09-23-2016		880	Multi-Day		2599	0500	0000	031		Tuna	Trolling			
S01218E	09-24-2016		880	Multi-Day		2599	2006	1200	031	0816	Tuna	Drifting, Trolling	Tuna, yellowfin	9	0
S01219E	09-25-2016		880	Multi-Day		0000	2599	1600	032	0910	Tuna	Drifting, Trolling	Dolphin (fish)	48	0
													Tuna, yellowfin	12	0
													Yellowtail	52	250
S0121BE	09-26-2016		880	Multi-Day		2599	0700	0000	032		Other	Other			
S0121CE	09-27-2016		880	Multi-Day		0000	2599	1600	023	0910	Tuna	Drifting, Trolling	Dolphin (fish)	42	0
													Tuna, yellowfin	115	0
													Yellowtail	0	200
													Tuna, skipjack	20	0
S0121DE	09-28-2016		880	Multi-Day		2000	2599	0000	023		Tuna	Anchored, Trolling			
S0121EE	09-28-2016		880	Multi-Day		2599	0700	0000	023		Tuna	Drifting, Trolling			

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S0121FE	09-29-2016		880	Multi-Day		2599	2599	1200	023	0910	Other, Tuna	Drifting, Trolling	Yellowtail	45	
													Tuna, yellowfin	94	
													Dolphin (fish)	18	
S0121GE	09-30-2016		880	Multi-Day		2000	2599	0000	032		Tuna	Trolling			
S0121HE	10-01-2016		880	Multi-Day		2599	2000	1200	032	0844	Sharks	Drifting			
S0121JE	10-02-2016		880	Multi-Day		2000	2599	0000	024		Tuna	Trolling			
S0121KE	10-02-2016		880	Multi-Day		2599	1841	0800	031	0904	Tuna	Drifting, Trolling	Yellowtail	1	60
													Tuna, yellowfin	75	0
													Dolphin (fish)	15	
S0121LE	10-03-2016		880	Multi-Day		2599	2599	1200	024	0904	Tuna	Trolling	Yellowtail	20	200
													Tuna, yellowfin	70	0
S0121ME	10-04-2016		880	Multi-Day		2599	2599	1200	024	0904	Tuna	Trolling	Yellowtail	30	70
													Tuna, yellowfin	40	0
													Dolphin (fish)	10	0
S0121NE	10-05-2016		880	Multi-Day		2000	2599	0000	011		Tuna	Trolling			
S0121PE	10-05-2016		880	Multi-Day		2599	0547	0000	024		Tuna	Trolling			
S0121QE	10-06-2016		880	Multi-Day		2599	2599	1400	011	0904	Tuna	Drifting, Trolling	Dolphin (fish)	12	0
													Tuna, yellowfin	21	0
													Yellowtail	32	50
S0121RE	10-07-2016		880	Multi-Day		2000	2599	0000	032		Tuna	Trolling			

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S0121SE	10-07-2016		880	Multi-Day		2599	0600	0000	011		Tuna	Drifting, Trolling			
S0121TE	10-08-2016		880	Multi-Day		2100	2599	0000	022		Tuna	Trolling			
S0121UE	10-08-2016		880	Multi-Day		2599	1630	0900	032	0904	Tuna	Drifting, Trolling	Yellowtail	92	0
													Tuna, yellowfin	31	0
S0121VE	10-09-2016		880	Multi-Day		2000	2599	0000	011		Tuna	Trolling			
S0121WE	10-09-2016		880	Multi-Day		2599	1725	0800	022	0904	Tuna	Drifting, Trolling	Yellowtail	120	50
													Tuna, yellowfin	18	0
S0121XE	10-10-2016		880	Multi-Day		2599	2599	1300	011	0850	Tuna	Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	18	0
S0121YE	10-11-2016		880	Multi-Day		2599	0800	0000	011		Tuna	Trolling			
S0121ZE	10-14-2016		880	Multi-Day		2100	2599	0000	032		Tuna	Drifting			
S01220E	10-16-2016		880	Multi-Day		2599	2599	1200	012	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	30	0
S01221E	10-17-2016		880	Multi-Day		2599	0545	0000	012		Tuna	Anchored, Drifting			
S01229E	10-21-2016		880	Multi-Day		2143	2599	0000	006		Tuna				
S01222E	10-22-2016		880	Multi-Day		2599	2599	1200	006	0868	Tuna	Anchored	Tuna, yellowfin	14	
S01223E	10-23-2016		880	Multi-Day		2599	2221	1200	006	0868	Tuna	Drifting	Tuna, yellowfin	21	
													Tuna, bluefin	2	
S01224E	10-27-2016		880	Multi-Day		2100	2599	0000	022		Tuna	Drifting, Trolling			
S01225E	10-28-2016		880	Multi-Day		2207	2599	0000	024		Tuna				

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S01226E	10-28-2016		880	Multi-Day		2599	2130	1200	022	0860	Tuna	Drifting	Tuna, yellowfin	42	
S01227E	10-29-2016		880	Multi-Day		2599	2599	1200	024	0860	Tuna	Anchored, Drifting, Trolling	Tuna, yellowfin	13	
S01228E	10-30-2016		880	Multi-Day		2599	0600	0000	024						
S0122AE	11-11-2016		880	Multi-Day		0800	2599	0000	032		Tuna	Drifting			
S0122BE	11-12-2016		880	Multi-Day		2599	2599	1000	032	0853	Tuna	Drifting	Tuna, bluefin	18	0
S0122CE	11-13-2016		880	Multi-Day		2599	0720	0000	032		Tuna	Drifting			
S0122DE	11-14-2016		880	Multi-Day		2000	2599	0000	020		Tuna	Drifting			
S0122EE	11-15-2016		880	Multi-Day		2599	2599	1200	020	0871	Tuna	Drifting	Tuna, bluefin	13	0
S0122FE	11-16-2016		880	Multi-Day		2599	0430	0000	020		Tuna	Drifting			
S0122GE	11-25-2016		880	Multi-Day		1700	2599	0000	030		Tuna	Drifting			
S0122HE	11-26-2016		880	Multi-Day		2599	2599	1500	030	0870	Tuna	Drifting	Tuna, bluefin	4	0
S0122JE	11-27-2016		880	Multi-Day		2599	0700	0000	030		Tuna	Drifting			
S0122KE	12-03-2016		880	Multi-Day		1900	2599	0000	025		Tuna				
S0122LE	12-04-2016		880	Multi-Day		2599	2599	1200	025	0897	Tuna	Drifting	Tuna, bluefin	1	
S0122ME	12-05-2016		880	Multi-Day		2599	0700	0000	025		Tuna	Drifting			
S0122NE	05-03-2017		880	Multi-Day		2100	2599	0000	028		Tuna	Drifting			
S0122PE	05-04-2017		880	Multi-Day		2030	2599	0000	023		Tuna	Drifting			
S0122QE	05-04-2017		880	Multi-Day		2599	2000	1200	028	0904	Tuna	Drifting	Yellowtail	63	25
													Tuna, bluefin	8	0
S0122RE	05-05-2017		880	Multi-Day		2599	2100	1200	023	0904	Tuna	Drifting	Yellowtail	8	
													Tuna, bluefin	4	
S01238E	05-11-2017		880	Multi-Day		2100	2599	0000	015		Tuna	Drifting			
S0122SE	05-12-2017		880	Multi-Day		2599	1954	1300	015	0910	Tuna	Drifting	Yellowtail	75	20
S0122TE	05-18-2017		880	Multi-Day		2100	2599	0000	019		Tuna	Drifting			

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S0122UE	05-19-2017		880	Multi-Day		2100	2599	0000	013		Tuna	Drifting			
S0122VE	05-19-2017		880	Multi-Day		2599	2030	1200	019	0910	Tuna	Drifting	Yellowtail	52	20
S0122WE	05-20-2017		880	Multi-Day		2599	2599	1200	013	0910	Tuna	Drifting, Trolling	Tuna, bluefin	2	0
													Yellowtail	50	10
S0122XE	05-21-2017		880	Multi-Day		2599	0900	0000	013		Tuna	Drifting			
S0122YE	05-23-2017		880	Multi-Day		2100	2599	0000	019		Tuna	Drifting			
S0122ZE	05-24-2017		880	Multi-Day		2599	2599	1400	019	0910	Tuna	Drifting	Tuna, bluefin	29	0
S01230E	05-25-2017		880	Multi-Day		2599	0600	0000	019						
S01231E	05-26-2017		880	Single Day		0000	2000	0800	017	0910	Tuna	Drifting, Trolling	Tuna, bluefin	25	0
S01232E	05-27-2017		880	Single Day		0001	1830	0800	025	0867	Lingcod, Other, Rockfishes	Anchored, Drifting	Whitefish, ocean	18	0
													Yellowtail	1	0
													Lingcod	4	0
													Rockfish, unspecified	120	0
													Scorpionfish, California	1	0
													Barracuda, California	4	0
													Sheephead, California	4	0
													Rockfish, bocaccio	14	0
													Bass, kelp	3	0
S01233E	05-27-2017		880	Multi-Day		2100	2599	0000	025		Tuna	Drifting			

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S01234E	05-28-2017		880	Multi-Day		2599	2599	1400	025	0910	Tuna	Drifting	Yellowtail	11	
													Tuna, yellowfin	1	
S01235E	05-29-2017		880	Multi-Day		2599	0600	0000	025		Tuna	Anchored			
S01236E	05-30-2017		880	Multi-Day		2100	2599	0000	014		Tuna	Drifting			
S01237E	05-31-2017		880	Multi-Day		2599	2599	1400	014	0910	Tuna	Drifting	Tuna, bluefin	11	0
S01239E	06-01-2017		880	Multi-Day		2599	0607	0000	014		Tuna	Drifting			
S0123AE	06-09-2017		880	Multi-Day		2100	2599	0000	021		Tuna	Drifting			
S0123BE	06-10-2017		880	Multi-Day		2599	2599	1500	021	0910	Tuna	Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	4	0
S0123CE	06-11-2017		880	Multi-Day		2599	0600	0000	021		Tuna	Drifting			
S0123DE	06-13-2017		880	Multi-Day		2100	2599	0000	011		Tuna	Drifting			
S0123EE	06-14-2017		880	Multi-Day		0000	2599	1400	015	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	0
S0123FE	06-14-2017		880	Multi-Day		2599	2000	1400	011	0910	Tuna	Drifting, Trolling	Tuna, bluefin	1	0
S0123GE	06-16-2017		880	Multi-Day		1400	2599	0000	021		Tuna	Other			
S0123HE	06-16-2017		880	Multi-Day		2599	0006	0000	015		Tuna	Other			
S0123JE	06-17-2017		880	Multi-Day		2599	2599	1400	021	0910	Rockfishes	Anchored, Drifting	Lingcod	42	20
													Rockfish, unspecified	105	20
													Barracuda, California	6	20
S0123KE	06-18-2017		880	Multi-Day		2599	2599	1400	021	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	0
													Yellowtail	1	0

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S01212E	06-19-2017		880	Multi-Day		2599	0500	0000	021		Other				
S0198BE	07-03-2017		880	Single Day		0000	1800	0900	032	0910	Tuna	Drifting, Trolling	Dolphin (fish)	3	0
													Yellowtail	42	0
S0123LE	07-07-2017		880	Multi-Day		2100	2599	0000	014		Tuna	Drifting			
S0123ME	07-08-2017		880	Multi-Day		2100	2599	0000	009		Tuna	Drifting, Trolling			
S0123NE	07-08-2017		880	Multi-Day		2599	2030	0800	014	0867	Rockfishes	Anchored, Drifting	Lingcod	2	0
													Rockfish, copper	12	0
													Rockfish, vermillion	30	0
S0123PE	07-09-2017		880	Multi-Day		2599	2599	1500	009	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	0
													Tuna, bluefin	4	0
S0123QE	07-10-2017		880	Multi-Day		2100	2599	0000	011						
S0123RE	07-10-2017		880	Multi-Day		2599	0600	0000	009		Tuna	Drifting, Trolling			
S0123SE	07-11-2017		880	Multi-Day		2599	2599	2100	011	0910	Tuna	Anchored, Drifting, Trolling	Tuna, bluefin	1	0
S0123TE	07-12-2017		880	Multi-Day		2599	0600	0000	011						
S0121AE	07-15-2017		880	Single Day		1200	2000	0800	016	0910	Tuna	Drifting, Trolling	Dolphin (fish)	3	0
													Yellowtail	75	0
													Bonito, Pacific	8	0
S0198CE	07-26-2017		880	Multi-Day		2100	2599	0000	027		Tuna	Drifting, Trolling			

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S0198DE	07-27-2017		880	Multi-Day		2599	2599	0800	027	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	3	0
S0198EE	07-28-2017		880	Single Day		0000	2000	0800	032	0910	Other, Tuna	Drifting, Trolling	Yellowtail	97	30
S0198FE	08-03-2017		880	Multi-Day		0000	2599	1400	020	0910	Tuna	Drifting, Trolling	Dolphin (fish)	50	0
S0198GE	08-04-2017		880	Multi-Day		2599	0600	0000	020		Tuna	Drifting, Trolling	Yellowtail	84	20
S0198HE	08-05-2017		880	Multi-Day		0000	2599	1400	021	0910	Other, Tuna	Drifting, Trolling	Yellowtail	65	0
S0198JE	08-06-2017		880	Multi-Day		2599	1900	1200	021	0910	Other, Tuna	Drifting, Trolling	Tuna, bluefin	14	0
S0198KE	08-07-2017		880	Multi-Day		0000	2599	1000	020	0910	Tuna	Drifting, Trolling	Yellowtail	145	20
S0198LE	08-08-2017		880	Multi-Day		2599	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	0
S0198ME	08-09-2017		880	Multi-Day		2599	0500	0000	020		Tuna	Trolling	Yellowtail	65	10
S0198NE	08-10-2017		880	Single Day		0000	1900	1000	032	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	100	0
													Yellowtail	44	0
													Tuna, bluefin	1	0

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S0198PE	08-11-2017		880	Single Day		0000	1900	1000	032	0910	Other, Tuna	Drifting, Trolling	Opah	1	0
													Tuna, bluefin	1	0
													Dolphin (fish)	60	0
													Yellowtail	47	0
S0198QE	08-12-2017		880	Multi-Day		0000	2599	0800	025	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	122	0
S0198RE	08-13-2017		880	Multi-Day		2599	1830	1200	025	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	45	0
													Tuna, yellowfin	5	0
													Yellowtail	21	0
S0198SE	08-14-2017		880	Single Day		0000	1845	1000	031	0910	Other, Tuna	Drifting, Trolling	Tuna, bluefin	9	0
													Dolphin (fish)	64	0
													Yellowtail	3	0
S0198TE	08-15-2017		880	Single Day		0000	1819	1200	016	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	25	0
													Tuna, yellowfin	1	0
													Yellowtail	3	0
S0198UE	08-18-2017		880	Single Day		0000	1820	1000	028	0910	Other, Tuna	Drifting, Trolling	Yellowtail	31	5
													Dolphin (fish)	62	0
													Tuna, yellowfin	1	0
													Tuna, skipjack	1	1

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S0198VE	08-19-2017		880	Single Day		0000	2100	1200	028	0910	Tuna	Drifting, Trolling	Dolphin (fish)	4	0
S0198WE	08-21-2017		880	Single Day		0000	2100	1200	027	0910	Tuna	Drifting, Trolling	Yellowtail	6	0
S0198XE	08-21-2017		880	Single Day		0000	2100	1200	028	0867	Tuna	Drifting, Trolling	Tuna, skipjack	30	0
S0198YE	08-22-2017		880	Single Day		0000	2100	1200	018	0867	Tuna	Drifting	Dolphin (fish)	2	0
S0198ZE	08-23-2017		880	Single Day		0000	2000	1200	027	0867	Tuna	Drifting, Trolling	Tuna, bluefin	31	0
S01990E	08-23-2017		880	Multi-Day		2100	2599	0000	032				Tuna, yellowfin	2	0
S01991E	08-24-2017		880	Multi-Day		2599	2599	1200	032	0867	Tuna	Drifting, Trolling	Tuna, bluefin	66	0
S01992E	08-25-2017		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting	Dolphin (fish)	1	0
S01993E	08-26-2017		880	Single Day		0000	2100	1200	032	0867	Tuna	Drifting, Trolling	Yellowtail	2	0
S01994E	08-27-2017		880	Single Day		0000	2000	1000	021	0882	Tuna	Drifting, Trolling	Rockfish, vermillion	100	0
S01995E	08-28-2017		880	Multi-Day		0000	2599	1200	026	0882	Tuna	Drifting, Trolling	Tuna, bluefin	15	0

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S01996E	08-29-2017		880	Multi-Day		2599	1930	1000	026	0882	Tuna	Drifting	Tuna, bluefin	2	0
S01997E	08-31-2017		880	Single Day		0000	2000	1000	032	0882	Tuna	Drifting	Tuna, bluefin	23	0
S01998E	09-01-2017		880	Single Day		0000	2000	1100	032	0882	Tuna	Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	28	0
S01999E	09-02-2017		880	Single Day		0000	2000	1000	032	0861	Tuna	Anchored, Trolling	Dolphin (fish)	2	0
S0199AE	09-03-2017		880	Single Day		0000	2100	1000	027	0864	Tuna	Anchored	Tuna, bluefin	24	0
S0199BE	09-04-2017		880	Multi-Day		0000	2599	1200	021	0867	Tuna	Anchored	Tuna, bluefin	23	0
S0199CE	09-05-2017		880	Multi-Day		2599	0600	0000	027						
S0199DE	09-06-2017		880	Single Day		0000	2100	0000	025	0880	Tuna	Anchored			
S0199EE	09-07-2017		880	Multi-Day		0000	2599	1200	032	0867	Tuna	Drifting, Trolling	Tuna, bluefin	5	
S0199JE	09-08-2017		880	Multi-Day		2599	0600	0000	032						
S0199KE	09-09-2017		880	Multi-Day		0000	2599	1200	023	0885	Tuna	Anchored, Trolling	Yellowtail	5	0
													Tuna, bluefin	4	0
S0199LE	09-10-2017		880	Multi-Day		2599	2599	1200	023	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	49	0
S0199ME	09-11-2017		880	Multi-Day		2599	0600	0000	023						
S0199NE	09-12-2017		880	Single Day		0000	2000	1000	032	0910	Tuna	Drifting	Tuna, yellowfin	170	30
S0199PE	09-13-2017		880	Single Day		0000	2100	1000	023	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	93	0
S0199QE	09-14-2017		880	Multi-Day		0000	2599	1200	019	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	0
S0199RE	09-15-2017		880	Multi-Day		2599	0600	0000	019						

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S0199SE	09-16-2017		880	Single Day		0000	1930	1100	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack Tuna, yellowfin	5 126	15 0
S0199TE	09-17-2017		880	Multi-Day		0000	2599	1500	031	0867	Tuna	Drifting, Trolling	Tuna, bluefin Dolphin (fish)	2 16	10 0
S01EL3E	09-18-2017		880	Multi-Day		2599	0600	0000	031		Tuna				
S01EL4E	09-19-2017		880	Single Day		0000	2000	1000	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	0
S01EL5E	09-20-2017		880	Multi-Day		0000	2599	1200	018	0867	Tuna	Drifting, Trolling	Tuna, bluefin	26	0
S01EL6E	09-21-2017		880	Multi-Day		2599	1700	0700	018	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	180	0
S01EL7E	09-22-2017		880	Single Day		0000	2000	1000	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack Tuna, yellowfin	40 160	0 0
S01EL8E	09-23-2017		880	Single Day		0000	2100	0900	032	0910	Tuna	Drifting, Trolling	Dolphin (fish) Tuna, yellowfin	13 12	
S01EL9E	09-24-2017		880	Single Day		0000	2000	1000	035	0910	Tuna	Drifting, Trolling	Dolphin (fish)	1	0
S01ELAE	09-25-2017		880	Single Day		0000	1800	1000	018	0910	Tuna	Drifting, Trolling	Tuna, skipjack Tuna, yellowfin	20 90	0 0
S01ELBE	09-26-2017		880	Multi-Day		0000	2599	1200	015	0867	Tuna	Anchored, Drifting, Trolling	Tuna, bluefin Yellowtail	3 53	

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S01ELCE	09-27-2017		880	Multi-Day		2599	2100	0000	015		Tuna	Anchored, Trolling			
S01ELDE	09-28-2017		880	Single Day		0000	2100	0900	025	0910	Tuna	Drifting	Dolphin (fish)	7	
S01ELEE	09-29-2017		880	Single Day		0000	2100	0900	027	0910	Tuna	Drifting, Trolling			
S01ELFE	09-30-2017		880	Single Day		0000	2100	0800	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	88	
S01ELGE	10-01-2017		880	Single Day		0000	2000	0800	032	0910	Tuna	Drifting, Trolling	Dolphin (fish)	38	0
													Tuna, yellowfin	118	0
S01ELHE	10-02-2017		880	Multi-Day		0000	2599	1100	022	0867	Tuna	Anchored, Drifting, Trolling	Tuna, bluefin	57	
S01ELJE	10-03-2017		880	Multi-Day		2599	2599	0900	022	0867	Tuna	Anchored, Drifting, Trolling	Yellowtail	27	
S01ELKE	10-04-2017		880	Multi-Day		2599	0600	0000	022		Tuna	Drifting	Tuna, bluefin	10	
S01ELLE	10-05-2017		880	Multi-Day		0000	2599	1000	030	0867	Tuna	Anchored	Tuna, yellowfin	108	
S01ELME	10-06-2017		880	Multi-Day		2599	0600	0000	030		Tuna	Anchored, Drifting, Trolling			
S01ELNE	10-07-2017		880	Single Day		0000	2100	0800	029	0910	Tuna	Drifting, Trolling	Yellowtail	2	
													Tuna, yellowfin	14	
													Tuna, skipjack	45	
S01ELPE	10-08-2017		880	Multi-Day		0000	2599	0900	032	0867	Tuna	Anchored, Trolling	Yellowtail	75	

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S01ELQE	10-09-2017		880	Multi-Day		2599	0600	0000	032						
S01ELRE	10-09-2017		880	Multi-Day		1900	2599	0000	010		Tuna	Anchored, Trolling			
S01ELSE	10-10-2017		880	Multi-Day		2599	2599	1200	010	0867	Tuna	Anchored, Trolling	Yellowtail	30	0
S01ELTE	10-11-2017		880	Multi-Day		2599	0600	0000	010		Other, Tuna	Anchored, Trolling			
S01ELUE	10-14-2017		880	Single Day		0000	2000	0800	032	0910	Other, Tuna	Trolling	Tuna, yellowfin	12	0
												Dolphin (fish)	Yellowtail	48	0
													Yellowtail	10	0
S01ELVE	10-14-2017		880	Multi-Day		2100	2599	0000	009		Tuna	Anchored, Trolling			
S01ELWE	10-15-2017		880	Multi-Day		2599	2599	1300	009	0867	Tuna	Drifting, Trolling	Yellowtail	5	0
S01ELXE	10-16-2017		880	Multi-Day		2599	0600	0000	009		Tuna	Anchored			
S0199HE	10-21-2017		880	Multi-Day		2100	2599	0000	008		Tuna	Trolling			
S01ELYE	10-21-2017		880	Single Day		0000	1900	1100	031	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	
S01ELZE	10-21-2017		880	Multi-Day		2100	2599	0000	008		Tuna	Anchored, Trolling			
S0199GE	10-22-2017		880	Multi-Day		2599	2599	1000	008	0854	Tuna	Trolling	Sheephead, California	5	0
												Yellowtail	Yellowtail	3	0
S01EMOE	10-22-2017		880	Multi-Day		2599	2599	1200	008	0867	Tuna	Anchored, Trolling	Yellowtail	5	
S0199FE	10-23-2017		880	Multi-Day		2599	0630	0000	008						

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S01EM1E	10-23-2017		880	Multi-Day		2599	0600	0000	008		Tuna	Anchored			
S01EM2E	10-27-2017		880	Multi-Day		1900	2599	0000	026		Tuna	Drifting, Trolling			
S01EM3E	10-28-2017		880	Multi-Day		2599	2599	1200	026	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	1	0
													Tuna, bluefin	49	0
S01EM4E	10-29-2017		880	Multi-Day		1900	2599	0000	015		Tuna	Drifting			
S01EM5E	10-29-2017		880	Multi-Day		2599	0600	0000	026		Tuna	Drifting, Trolling			
S01EM6E	10-30-2017		880	Multi-Day		2599	2599	1200	015	0867	Tuna	Drifting	Yellowtail	45	0
													Tuna, bluefin	37	0
S01EM7E	10-31-2017		880	Multi-Day		2599	0600	0000	015		Tuna	Drifting			
S01EM8E	11-01-2017		880	Multi-Day		1900	2599	0000	027		Tuna				
S01EM9E	11-02-2017		880	Multi-Day		2599	2599	1200	027	0867	Tuna	Drifting, Trolling	Yellowtail	34	0
													Tuna, bluefin	37	0
S01EMAE	11-03-2017		880	Multi-Day		2599	0600	0000	027		Tuna	Drifting			
S01EMBE	11-09-2017		880	Multi-Day		1900	2599	0000	010		Tuna	Drifting, Trolling			
S01EMCE	11-10-2017		880	Multi-Day		2100	2599	0000	014		Tuna				
S01EMDE	11-10-2017		880	Multi-Day		2599	2030	1100	010	0867	Tuna	Drifting, Trolling	Tuna, bluefin	30	0
S01EMEE	11-11-2017		880	Multi-Day		2599	2599	1300	014	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	108	0
S01EMFE	11-12-2017		880	Multi-Day		2599	0600	0000	014						
S01EMGE	11-15-2017		880	Multi-Day		2100	2599	0000	032						
S01EMHE	11-16-2017		880	Multi-Day		2599	2599	1200	032	0867	Tuna	Drifting	Tuna, yellowfin	10	0
													Tuna, bluefin	12	0

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S01EMJE	11-17-2017		880	Multi-Day		2599	0600	0000	032						
S01EMKE	11-18-2017		880	Multi-Day		0000	2599	1600	032	0950	Tuna	Anchored	Tuna, bluefin	32	0
S01EMLE	11-19-2017		880	Multi-Day		2599	0500	0000	032		Tuna	Other			
S01EMME	11-20-2017		880	Multi-Day		0000	2599	1600	033	0950	Tuna	Anchored	Tuna, bluefin	40	0
S01EMNE	11-21-2017		880	Multi-Day		2599	0500	0000	033		Tuna	Other			
S01EMPE	11-24-2017		880	Multi-Day		2000	2599	0000	032						
S01EMQE	11-25-2017		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Anchored	Tuna, bluefin	25	0
S01EMRE	11-26-2017		880	Multi-Day		1900	2599	0000	021						
S01EMSE	11-26-2017		880	Multi-Day		1900	2599	0000	021		Tuna	Anchored			
S01EMTE	11-26-2017		880	Multi-Day		2599	0600	0000	032						
S01EMUE	11-27-2017		880	Multi-Day		2599	2599	1200	021	0860	Tuna	Anchored	Tuna, bluefin	30	0
S01EMVE	11-28-2017		880	Multi-Day		2599	0600	0000	021		Tuna	Anchored			
S01EMWE	11-29-2017		880	Multi-Day		0700	2599	0000	020		Tuna	Anchored			
S01EMXE	11-30-2017		880	Multi-Day		2599	2599	1500	020	0950	Tuna	Anchored	Tuna, bluefin	40	0
S01EMYE	12-01-2017		880	Multi-Day		0600	2599	0000	025						
S01EMZE	12-01-2017		880	Multi-Day		2599	0600	0000	020		Tuna	Anchored			
S01ENOE	12-02-2017		880	Multi-Day		2599	2599	1300	025	0950	Tuna	Anchored	Tuna, bluefin	6	0
S01EN1E	12-03-2017		880	Multi-Day		1900	2599	0000	012		Tuna	Anchored			
S01EN2E	12-03-2017		880	Multi-Day		2599	0600	0000	025						
S01EN3E	12-04-2017		880	Multi-Day		2599	2599	1300	012	0950	Tuna	Anchored	Tuna, bluefin	24	
S01EN4E	12-05-2017		880	Multi-Day		2599	0600	0000	012		Tuna	Anchored			
S01EN5E	12-08-2017		880	Multi-Day		1900	2599	0000	011		Tuna				
S01EN6E	12-09-2017		880	Multi-Day		2599	2599	1300	011	0950	Tuna	Anchored	Tuna, yellowfin	4	0
													Tuna, bluefin	21	0
S01EN7E	12-10-2017		880	Multi-Day		2599	0600	0000	011		Tuna	Anchored			
S01EN8E	12-15-2017		880	Single Day		0000	1945	0900	017	0950	Tuna	Anchored	Tuna, bluefin	34	0

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S01EN9E	12-16-2017		880	Single Day		0000	1945	0700	018	0950	Tuna	Anchored	Tuna, bluefin	36	
S01ENAE	01-05-2018		880	Multi-Day		1800	2599	0000	026		Tuna	Drifting, Trolling			
S01ENBE	01-06-2018		880	Multi-Day		2599	2599	1100	026	0910	Tuna	Drifting, Trolling	Tuna, bluefin	52	0
S01ENCE	01-07-2018		880	Multi-Day		2599	0600	0000	026						
S01ENDE	01-12-2018		880	Multi-Day		1800	2599	0000	032		Tuna				
S01ENEE	01-13-2018		880	Multi-Day		2599	2599	1100	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	13	0
S01ENFE	01-14-2018		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting, Trolling			
S01ENGE	01-16-2018		880	Multi-Day		1800	2599	0000	018		Tuna				
S01ENRE	01-17-2018		880	Multi-Day		2599	2599	1200	018	0910	Tuna	Drifting, Trolling	Tuna, bluefin	36	0
S01ENHE	01-18-2018		880	Multi-Day		2599	0600	0000	018		Tuna				
S01ENJE	01-26-2018		880	Multi-Day		1800	2599	0000	031			Drifting, Trolling			
S01ENKE	01-27-2018		880	Multi-Day		2599	2599	1200	031	0910	Tuna	Drifting, Trolling	Tuna, bluefin	11	0
S01ENLE	01-28-2018		880	Multi-Day		2599	0600	0000	031		Tuna				
S01ENNE	03-30-2018		880	Multi-Day		1800	2599	0000	022		Tuna				
S01ENPE	03-31-2018		880	Multi-Day		2599	2599	1200	022	0910	Tuna	Drifting, Trolling	Tuna, bluefin	56	0
S01ENQE	04-01-2018		880	Multi-Day		2599	0600	0000	021		Tuna				
S01SKQE	04-02-2018		880	Multi-Day		1800	2599	0000	032		Tuna				
S01SKPE	04-03-2018		880	Multi-Day		2599	2599	1000	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	15	
S01SKNE	04-04-2018		880	Multi-Day		2599	0900	0000	032		Tuna	Drifting			
S01SKME	04-13-2018		880	Multi-Day		1800	2599	0000	032		Tuna				

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S01SKLE	04-14-2018		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Drifting, Trolling	Yellowtail	12	
													Tuna, bluefin	3	
													Bonito, Pacific	25	
S01SKKE	04-15-2018		880	Multi-Day		2599	0530	0000	032						
S01SKJE	04-20-2018		880	Multi-Day		0600	2599	0000	032		Tuna	Drifting			
S01SKHE	04-21-2018		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Drifting	Tuna, bluefin	16	0
S01SKGE	04-22-2018		880	Multi-Day		1800	2599	0000	018			Drifting			
S01SKFE	04-23-2018		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Drifting	Tuna, bluefin	10	
S01SKDE	04-24-2018		880	Multi-Day		2599	0600	0000	018		Tuna	Drifting			
S01SKEE	04-24-2018		880	Multi-Day		1800	2599	0000	011		Tuna	Drifting			
S01SKCE	04-25-2018		880	Multi-Day		2599	2599	1200	011	0910	Tuna	Drifting, Trolling	Tuna, bluefin	4	0
S01SKBE	04-26-2018		880	Multi-Day		2599	0600	0000	011		Tuna	Drifting, Trolling			
S01SKAE	04-27-2018		880	Multi-Day		1800	2599	0000	032		Tuna	Drifting, Trolling			
S01SK9E	04-28-2018		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	27	0
S01SK8E	04-29-2018		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting, Trolling			
S01SK7E	05-02-2018		880	Multi-Day		1800	2599	0000	022		Tuna	Drifting, Trolling			
S01SK6E	05-03-2018		880	Multi-Day		2599	2599	1200	022	0910	Tuna	Drifting, Trolling	Tuna, bluefin	10	0
S01SK4E	05-04-2018		880	Multi-Day		2599	0600	0000	022						
S01SK5E	05-04-2018		880	Multi-Day		1800	2599	0000	032		Tuna				
S01SK3E	05-05-2018		880	Multi-Day		2599	2599	1200	032	0910	Tuna	Trolling	Tuna, bluefin	1	0
S01SK1E	05-06-2018		880	Multi-Day		2599	0600	0000	032		Tuna				

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S01SK2E	05-06-2018		880	Multi-Day		1800	2599	0000	011						
S01SK0E	05-07-2018		880	Multi-Day		2599	2599	1200	011	0910	Tuna	Drifting, Trolling	Yellowtail	55	0
S01SJZE	05-08-2018		880	Multi-Day		2599	0600	0000	011						
S01SJXE	05-11-2018		880	Multi-Day		1800	2599	0000	025		Tuna				
S01SJYE	05-11-2018		880	Single Day		0000	2015	1200	022	0910	Tuna	Drifting, Trolling	Yellowtail	113	0
S01SJWE	05-12-2018		880	Multi-Day		2599	2599	1000	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	19	0
S01SJUE	05-13-2018		880	Multi-Day		2599	0600	0000	025		Tuna				
S01SJVE	05-13-2018		880	Multi-Day		2000	2599	0000	016						
S01SJTE	05-14-2018		880	Multi-Day		2599	2599	1100	016	0910	Tuna	Drifting, Trolling	Tuna, bluefin	1	0
S01SJRE	05-15-2018		880	Multi-Day		2599	0600	0000	016						
S01SJSE	05-15-2018		880	Multi-Day		2000	2599	0000	009						
S01SJQE	05-16-2018		880	Multi-Day		2599	2599	1000	009	0910	Tuna	Drifting	Tuna, bluefin	2	
S01SJPE	05-18-2018		880	Single Day		0000	2000	1200	014	0910	Tuna	Trolling	Tuna, bluefin	1	
													Yellowtail	12	
S01SJNE	05-19-2018		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Trolling	Tuna, bluefin	1	
													Yellowtail	76	
S01SJME	05-20-2018		880	Multi-Day		2599	0600	0000	032		Tuna				
S01SJLE	05-26-2018		880	Multi-Day		0000	2599	1200	007	0910	Tuna	Drifting	Yellowtail	12	
													Tuna, bluefin	1	
S01SJKE	05-27-2018		880	Multi-Day		2599	2599	1200	007	0910	Rockfishes, Tuna	Drifting			
S01SJJE	05-28-2018		880	Multi-Day		2599	0600	0000	007						
S01SJHE	05-29-2018		880	Multi-Day		0000	2599	0000	012		Tuna	Anchored			
S01SJGE	05-30-2018		880	Multi-Day		2599	0600	0000	012						

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S01SJFE	06-02-2018		880	Multi-Day		0000	2599	1200	027	0910	Rockfishes, Tuna	Anchored, Drifting, Trolling	Yellowtail Rockfish, vermillion	3	100
S01SJEE	06-03-2018		880	Multi-Day		2599	0600	0000	027						
S01SJDE	06-06-2018		880	Multi-Day		0000	2599	1200	019	0910	Tuna	Anchored, Drifting	Tuna, bluefin	3	
S01SJCE	06-07-2018		880	Multi-Day		2599	0600	0000	019						
S01SJBE	06-08-2018		880	Single Day		0000	2100	1100	018	0910	Tuna	Drifting	Tuna, bluefin	11	
S01SJAE	06-09-2018		880	Single Day		0000	2100	1100	031	0910	Tuna	Drifting	Yellowtail Tuna, bluefin	12	12
S01SJ9E	06-10-2018		880	Multi-Day		0000	2599	1200	014	0910	Tuna	Drifting, Trolling	Yellowtail Tuna, bluefin	25	2
S01SJ8E	06-11-2018		880	Multi-Day		2599	0600	0000	014						
S01SJ7E	06-12-2018		880	Multi-Day		0000	2599	1200	012	0910	Tuna	Drifting, Trolling	Yellowtail	16	
S01SJ6E	06-13-2018		880	Multi-Day		2599	0600	0000	012						
S01SJ5E	06-14-2018		880	Single Day		0000	2100	1200	022	0910	Tuna	Drifting	Tuna, bluefin	9	
S01SJ4E	06-16-2018		880	Single Day		0000	1915	1100	032	0910	Tuna	Drifting	Tuna, bluefin	4	
S01SJ3E	06-17-2018		880	Multi-Day		0000	2599	1200	011	0910	Tuna	Drifting	Tuna, bluefin	4	
S01SJ2E	06-18-2018		880	Multi-Day		2599	0600	0000	011						
S01SJ1E	06-19-2018		880	Multi-Day		0000	2599	1500	017	0882	Tuna	Drifting	Tuna, bluefin	7	0
S01SJ0E	06-20-2018		880	Multi-Day		2599	0600	0000	017		Tuna	Drifting			
S01SHZE	06-21-2018		880	Single Day		0000	2000	1200	025	0882	Tuna	Drifting, Trolling	Yellowtail Tuna, bluefin	1	0
S01SHYE	06-22-2018		880	Single Day		0000	2100	1200	021	0882	Tuna	Drifting	Tuna, bluefin	1	0
S01SHXE	06-23-2018		880	Single Day		0000	1900	0000	032	0882	Tuna	Drifting			

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S01SHWE	06-24-2018		880	Multi-Day		0000	2599	1400	020	0867	Other, Tuna	Anchored, Drifting, Trolling	Bass, kelp	60	10
S01SHVE	06-25-2018		880	Multi-Day		2599	0600	0000	020		Other, Tuna	Other	Yellowtail	9	0
S01SHUE	06-26-2018		880	Multi-Day		0000	2599	1400	007	0910	Tuna	Drifting	Tuna, bluefin	3	0
S01SHTE	06-28-2018		880	Single Day		0000	2000	1000	019	0910	Tuna	Drifting, Trolling	Tuna, bluefin	17	0
S01SHSE	06-29-2018		880	Single Day		0000	1830	1200	032	0910	Tuna	Drifting	Tuna, bluefin	22	0
S01SHRE	06-30-2018		880	Single Day		0000	2000	1200	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	13	
S01SHQE	07-01-2018		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	
S01SHPE	07-02-2018		880	Multi-Day		2599	0600	0000	032				Tuna, bluefin	6	
S01SHNE	07-03-2018		880	Multi-Day		0000	2599	1200	027	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	1	
S01SHME	07-04-2018		880	Multi-Day		2599	0600	0000	027				Tuna, bluefin	11	
S01SHLE	07-05-2018		880	Single Day		0000	2000	1200	027	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	6	0
S01SHLE	07-05-2018		880	Single Day		0000	2000	1200	027	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	5	0
S01SHLE	07-05-2018		880	Single Day		0000	2000	1200	027	0910	Tuna	Drifting, Trolling	Yellowtail	36	0
S01SHKE	07-06-2018		880	Single Day		0000	1921	1200	032	0910	Tuna	Drifting	Tuna, bluefin	15	
S01SHJE	07-08-2018		880	Multi-Day		0000	2599	1400	014	0910	Tuna	Drifting	Tuna, bluefin	4	
S01SHHE	07-09-2018		880	Multi-Day		2599	0555	0000	014		Tuna	Drifting			
S01SHGE	07-10-2018		880	Multi-Day		0000	2599	1400	017	0882	Tuna	Drifting, Trolling	Tuna, bluefin	7	0
S01SHFE	07-11-2018		880	Multi-Day		2599	0600	0000	017		Tuna	Other			

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S01SHEE	07-12-2018		880	Multi-Day		0000	2599	1400	019	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	5	0
													Tuna, bluefin	5	0
													Bonito, Pacific	2	0
S01SHDE	07-13-2018		880	Multi-Day		2599	0600	0000	019		Tuna	Other			
S01SHCE	07-14-2018		880	Single Day		0000	2100	1200	032	0884	Tuna	Drifting	Tuna, bluefin	1	
S01SHBE	07-15-2018		880	Multi-Day		0000	2599	1500	032	0884	Tuna	Drifting, Trolling	Tuna, bluefin	3	
S01SHAE	07-16-2018		880	Multi-Day		2599	0600	0000	032		Tuna				
S01SH9E	07-19-2018		880	Single Day		0000	2100	1200	024	0867	Tuna	Drifting, Trolling	Yellowtail	1	
													Tuna, bluefin	1	
S01SH8E	07-20-2018		880	Single Day		0000	2000	1200	025	0867	Tuna	Drifting, Trolling	Yellowtail	1	
													Tuna, bluefin	1	
S01SH7E	07-22-2018		880	Single Day		0020	2020	1000	027	0910	Tuna	Drifting, Trolling	Yellowtail	18	
S01SH6E	07-26-2018		880	Single Day		0000	2000	1200	032	0910	Tuna	Drifting, Trolling	Yellowtail	3	
													Tuna, bluefin	1	
S01SH5E	07-27-2018		880	Single Day		0000	2000	1200	032	0910	Tuna	Drifting, Trolling			
S01SH4E	07-28-2018		880	Single Day		0000	2000	1200	029	0910	Tuna	Drifting, Trolling	Dolphin (fish)	3	
													Yellowtail	60	
S01SH3E	07-29-2018		880	Multi-Day		0000	2599	1400	018	0910	Tuna	Drifting	Yellowtail	20	0
													Tuna, yellowfin	50	0
													Dolphin (fish)	3	0

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S01SH2E	07-31-2018		880	Multi-Day		0000	2599	1400	032	0850	Tuna	Anchored, Drifting	Tuna, bluefin	6	0
S01SH1E	08-02-2018		880	Single Day		0000	2000	1000	023	0910	Other, Tuna	Drifting, Trolling	Yellowtail	1	0
S01SH0E	08-03-2018		880	Single Day		0000	2000	1000	026	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	3	0
													Yellowtail	8	0
													Dolphin (fish)	1	0
S01SGZE	08-04-2018		880	Multi-Day		0000	2599	1400	023	0910	Other, Tuna	Drifting, Trolling	Yellowtail	115	0
S01SFTE	08-05-2018		880	Multi-Day		2599	2000	1000	023	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	46	0
													Yellowtail	115	0
S01SGYE	08-06-2018		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting, Trolling	Yellowtail	10	
													Dolphin (fish)	25	
S01SGXE	08-07-2018		880	Multi-Day		2599	0600	0000	032						
S01SGWE	08-08-2018		880	Multi-Day		0000	2599	1400	032	0867	Tuna	Drifting, Trolling	Tuna, bluefin	20	
S01SGVE	08-09-2018		880	Multi-Day		2599	0700	0000	032						
S01SGUE	08-10-2018		880	Single Day		0000	2000	1000	029	0910	Tuna	Drifting, Trolling	Dolphin (fish)	48	
													Tuna, yellowfin	25	
													Tuna, skipjack	50	
													Yellowtail	3	
S01SGTE	08-11-2018		880	Multi-Day		0000	2599	1400	023	0868	Tuna	Drifting	Tuna, bluefin	8	0
S01SGSE	08-12-2018		880	Multi-Day		2599	2000	1200	023	0867	Tuna	Drifting			

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S01SGRE	08-13-2018		880	Multi-Day		0000	2599	1200	024	0897	Tuna	Anchored	Yellowtail	36	0
													Tuna, bluefin	45	0
													Tuna, yellowfin	1	0
S01SGQE	08-14-2018		880	Multi-Day		2599	1700	1000	024	0850	Tuna	Drifting, Trolling			
S01SGPE	08-15-2018		880	Multi-Day		0000	2599	2000	033	0850	Tuna	Drifting, Trolling	Yellowtail	1	0
													Tuna, bluefin	2	0
													Whitefish, ocean	5	0
S01SGNE	08-16-2018		880	Multi-Day		2599	0600	0000	033		Tuna	Other			
S01SGME	08-17-2018		880	Single Day		0000	1845	0900	029	0910	Tuna	Drifting, Trolling	Dolphin (fish)	3	
													Tuna, yellowfin	61	0
													Tuna, skipjack	55	
S01SGLE	08-18-2018		880	Single Day		0000	1845	0900	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack	55	
													Tuna, yellowfin	72	
													Dolphin (fish)	10	
S01SGKE	08-19-2018		880	Single Day		0000	2359	1400	033	0910	Tuna	Drifting, Trolling	Tuna, skipjack	124	0
													Tuna, yellowfin	101	0
													Yellowtail	9	0
													Dolphin (fish)	5	0

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S01SGJE	08-21-2018		880	Multi-Day		0000	2599	1200	028	0910	Tuna	Drifting, Trolling	Dolphin (fish)	25	
													Tuna, yellowfin	140	0
													Tuna, skipjack	50	
S01SGHE	08-22-2018		880	Multi-Day		2599	0600	0000	028		Tuna	Drifting, Trolling			
S01SGGE	08-23-2018		880	Single Day		0000	2000	1200	032	0910	Tuna	Drifting, Trolling	Dolphin (fish)	30	
													Tuna, yellowfin	55	
													Tuna, skipjack	75	
S01SGFE	08-24-2018		880	Single Day		0000	1830	1200	023	0910	Tuna	Drifting, Trolling	Dolphin (fish)	27	
													Tuna, yellowfin	55	
													Tuna, skipjack	30	
S01SGEE	08-25-2018		880	Single Day		0000	2000	1000	025	0910	Tuna	Drifting, Trolling	Tuna, skipjack	65	0
													Tuna, yellowfin	54	0
													Dolphin (fish)	1	0
S01SGDE	08-26-2018		880	Single Day		0000	1800	1000	031	0910	Tuna	Drifting, Trolling	Tuna, skipjack	74	0
													Tuna, yellowfin	71	0
													Dolphin (fish)	2	0

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S01SGCE	08-27-2018		880	Multi-Day		0000	2599	1400	025	0850	Tuna	Drifting, Trolling	Tuna, skipjack	200	0
													Tuna, skipjack, black	1	0
S01SGBE	08-28-2018		880	Multi-Day		2599	1830	1030	025	0910	Tuna	Drifting, Trolling	Dolphin (fish)	8	0
													Tuna, yellowfin	56	0
													Tuna, skipjack	125	0
S01SGAE	08-31-2018		880	Multi-Day		0000	2599	1200	025	0867	Tuna	Drifting, Trolling	Tuna, bluefin	7	
S01SG9E	09-01-2018		880	Multi-Day		2599	2100	1200	025	0867	Tuna	Drifting			
S01SG8E	09-02-2018		880	Single Day		0000	1900	1100	017	0910	Tuna	Drifting, Trolling	Tuna, skipjack	60	
													Tuna, yellowfin	32	
													Dolphin (fish)	5	
S01SG7E	09-03-2018		880	Multi-Day		0000	2599	0000	020		Tuna	Drifting, Trolling			
S01SG6E	09-05-2018		880	Multi-Day		0000	2599	1200	032	0867	Tuna	Drifting	Dolphin (fish)	20	
													Tuna, bluefin	12	
													Yellowtail	10	
													Tuna, skipjack	50	
S01SG5E	09-06-2018		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting			
S01SG4E	09-07-2018		880	Single Day		0000	2000	1000	020	0910	Tuna	Drifting, Trolling	Tuna, skipjack	100	0
S01SG3E	09-08-2018		880	Multi-Day		0000	2599	0000	024		Tuna	Drifting, Trolling			

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S01SG2E	09-09-2018		880	Multi-Day		2599	2000	1000	020	0910	Tuna	Drifting, Trolling	Tuna, skipjack	100	0
													Tuna, yellowfin	56	0
													Dolphin (fish)	8	0
S01SG1E	09-10-2018		880	Multi-Day		0000	2599	1400	020	0910	Tuna	Drifting, Trolling	Yellowtail	55	30
													Tuna, yellowfin	14	0
													Dolphin (fish)	18	0
													Tuna, skipjack	50	0
S01SFZE	09-11-2018		880	Multi-Day		2599	0700	0000	020		Tuna	Trolling			
S01SFYE	09-12-2018		880	Multi-Day		0000	2599	1700	032	0850	Other, Tuna	Anchored, Drifting, Trolling	Tuna, yellowfin	1	0
													Tuna, bluefin	21	0
													Yellowtail	24	0
S01SG0E	09-13-2018		880	Multi-Day		2599	0700	0000	032		Other	Other			
S01SFXE	09-14-2018		880	Single Day		0000	1800	1000	020	0910	Tuna	Drifting, Trolling	Dolphin (fish)	1	0
													Tuna, yellowfin	94	0
													Tuna, skipjack	100	30
S01SFWE	09-15-2018		880	Single Day		0000	2000	1000	025	0910	Tuna	Drifting, Trolling	Tuna, skipjack	100	0
													Tuna, yellowfin	94	0

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S01SFVE	09-16-2018		880	Multi-Day		0000	2599	1300	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack	150	100
													Tuna, yellowfin	160	20
													Dolphin (fish)	1	0
S01SFUE	09-17-2018		880	Multi-Day		2599	0600	0000	032		Tuna	Other			
S024WSE	09-18-2018		880	Multi-Day		0000	2599	1200	030	0910	Tuna	Drifting, Trolling	Tuna, skipjack	25	
													Tuna, yellowfin	107	
S024WRE	09-19-2018		880	Multi-Day		2599	0600	0000	030						
S024WQE	09-20-2018		880	Single Day		0000	2000	0800	026	0910	Tuna	Drifting, Trolling	Tuna, skipjack	50	
													Tuna, yellowfin	130	
S024WPE	09-22-2018		880	Multi-Day		0000	2599	1800	020	0868	Tuna	Drifting	Tuna, bluefin	20	0
S024WNE	09-23-2018		880	Multi-Day		2599	1755	0800	020	0867	Tuna	Trolling	Tuna, bluefin	2	0
S024WM	09-24-2018	E	880	Multi-Day		0000	2599	1400	032	0950	Other, Tuna	Anchored, Drifting, Trolling	Bonito, Pacific	35	
													Yellowtail	12	
													Tuna, bluefin	18	
S024WLE	09-25-2018		880	Multi-Day		2599	0600	0000	032		Other, Tuna				
S024WKE	09-26-2018		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	125	
S024WJE	09-27-2018		880	Multi-Day		2599	0600	0000	025		Tuna				
S024WGE	09-28-2018		880	Multi-Day		2100	2599	0000	020		Tuna	Drifting, Trolling			
S024WHE	09-28-2018		880	Single Day		0000	1900	1000	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack	110	
													Tuna, yellowfin	185	

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S024WFE	09-29-2018		880	Multi-Day		2599	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	
S024WEE	09-30-2018		880	Multi-Day		2599	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	
S024WCE	10-01-2018		880	Multi-Day		2599	0600	0000	020		Tuna				
S024WDE	10-01-2018		880	Multi-Day		2100	2599	0000	015		Tuna	Drifting			
S024WBE	10-02-2018		880	Multi-Day		2599	2599	1200	015	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	75	
S024WAE	10-03-2018		880	Multi-Day		2599	0600	0000	015		Tuna	Drifting, Trolling			
S024W9E	10-04-2018		880	Single Day		0000	2000	1200	029	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	140	
S024W8E	10-06-2018		880	Multi-Day		2599	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, skipjack	100	20
													Tuna, yellowfin	85	
S024W7E	10-07-2018		880	Multi-Day		2599	0600	0000	024						
S024W6E	10-08-2018		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Drifting	Tuna, bluefin	44	
S024W5E	10-09-2018		880	Multi-Day		2599	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	44	
S024W4E	10-10-2018		880	Multi-Day		2599	0600	0000	022						
S024W3E	10-12-2018		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Drifting	Tuna, bluefin	33	
S024W2E	10-13-2018		880	Multi-Day		2599	2599	1200	022	0867	Tuna	Drifting	Tuna, bluefin	20	
S024W1E	10-14-2018		880	Multi-Day		0000	2599	1200	024	0867	Tuna	Drifting	Tuna, yellowfin	1	
													Tuna, bluefin	1	
S024W0E	10-16-2018		880	Multi-Day		2599	2599	1200	024	0910	Tuna	Drifting	Dolphin (fish)	39	
													Tuna, yellowfin	120	

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S024VZE	10-17-2018		880	Multi-Day		2599	0600	0000	024						
S024VYE	10-18-2018		880	Multi-Day		0000	2599	1500	024	0867	Tuna	Drifting	Tuna, bluefin	43	
S024VXE	10-19-2018		880	Multi-Day		2599	0600	0000	024		Tuna				
S024VWE	10-20-2018		880	Multi-Day		0000	2599	1300	032	0867	Tuna	Drifting			
S024VVE	10-21-2018		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting			
S024VUE	10-22-2018		880	Multi-Day		0000	2599	1200	021	0867	Tuna	Drifting	Tuna, bluefin	12	
S024VTE	10-23-2018		880	Multi-Day		2599	2599	1400	021	0867	Tuna	Drifting	Tuna, bluefin	12	
S024VSE	10-24-2018		880	Multi-Day		2599	0600	0000	021						
S024VRE	10-27-2018		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	30	
S024VQE	10-28-2018		880	Multi-Day		2599	2599	1500	022	0867	Tuna	Drifting	Tuna, yellowfin	1	
													Tuna, bluefin	7	
													Tuna, bigeye	1	
S024VPE	10-29-2018		880	Multi-Day		2599	0600	0000	022						
S024VNE	10-30-2018		880	Multi-Day		0000	2599	1300	025	0867	Tuna	Drifting	Tuna, bluefin	17	
S024VME	10-31-2018		880	Multi-Day		2599	0600	0000	025						
S024VLE	11-02-2018		880	Multi-Day		1200	2599	0000	020		Tuna	Drifting			
S024VKE	11-03-2018		880	Multi-Day		2599	2599	1400	020	0897	Tuna	Drifting	Tuna, bluefin	13	0
S024VHE	11-04-2018		880	Multi-Day		2599	0600	0000	020		Tuna	Drifting			
S024VJE	11-04-2018		880	Multi-Day		1200	2599	0000	022		Tuna	Drifting			
S024VFE	11-05-2018		880	Multi-Day		2599	2599	1400	022	0897	Tuna	Drifting	Tuna, bluefin	38	0
S024VEE	11-06-2018		880	Multi-Day		2599	2599	1400	022	0897	Tuna	Drifting	Tuna, bluefin	30	0
S024VDE	11-07-2018		880	Multi-Day		2599	0600	0000	022		Tuna	Drifting			
S024VCE	11-08-2018		880	Multi-Day		0000	2599	1300	032	0897	Tuna	Drifting	Tuna, bluefin	34	0
S024VBE	11-10-2018		880	Multi-Day		0000	2599	1200	031	0897	Tuna	Drifting	Tuna, bluefin	70	0
S024V9E	11-11-2018		880	Multi-Day		2599	0600	0000	031		Tuna	Drifting			

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S024VAE	11-11-2018		880	Multi-Day		1200	2599	0200	018	0882	Tuna	Drifting	Tuna, bluefin	13	0
S024V8E	11-12-2018		880	Multi-Day		2599	2599	1200	018	0897	Tuna	Drifting	Tuna, bluefin	36	0
S024V2E	05-10-2019		880	Multi-Day		2000	2599	0000	016		Tuna	Drifting			
S024V1E	05-11-2019		880	Multi-Day		2599	2599	1200	016	0910	Tuna	Drifting	Tuna, bluefin	32	0
S024V0E	05-12-2019		880	Multi-Day		2599	0600	0000	016						
S024UZE	05-13-2019		880	Multi-Day		1900	2599	0000	016						
S024UYE	05-14-2019		880	Multi-Day		2599	2599	1200	016	0910	Tuna	Drifting	Tuna, bluefin	18	0
S024UXE	05-15-2019		880	Multi-Day		2599	0600	0000	016						
S024UWE	05-17-2019		880	Multi-Day		2000	2599	0000	020						
S024UVE	05-18-2019		880	Multi-Day		2599	2599	1200	020	0910	Tuna	Drifting	Tuna, bluefin	40	0
S024UUOE	05-19-2019		880	Multi-Day		2599	0600	0000	020						
S024UTE	05-22-2019		880	Multi-Day		1900	2599	0000	012						
S024VGE	05-23-2019		880	Multi-Day		2599	2599	1200	012	0910	Tuna	Drifting	Yellowtail	33	
													Tuna, bluefin	1	
S024USE	05-24-2019		880	Multi-Day		2599	0600	0000	012						
S024URE	05-25-2019		880	Single Day		0000	1900	1200	032	0910	Tuna	Drifting, Trolling	Yellowtail	42	
													Tuna, bluefin	1	
S024UQE	05-26-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting	Yellowtail	4	
													Tuna, bluefin	6	
													Bonito, Pacific	1	
S024UPE	05-27-2019		880	Multi-Day		2599	0600	0000	032						
S024UNE	05-30-2019		880	Multi-Day		0000	2599	1200	017	0910	Tuna	Drifting	Tuna, bluefin	34	0
S024ULE	05-31-2019		880	Multi-Day		2599	0600	0000	017						
S024UME	05-31-2019		880	Multi-Day		2000	2599	0000	030		Tuna				
S024UKE	06-01-2019		880	Multi-Day		2599	2599	1300	030	0910	Tuna	Drifting	Tuna, bluefin	18	
S024UHE	06-02-2019		880	Multi-Day		2599	0600	0000	030						

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S024UJE	06-02-2019		880	Multi-Day		1900	2599	0000	018						
S024UGE	06-03-2019		880	Multi-Day		2599	2599	1200	018	0910	Tuna	Drifting	Tuna, bluefin	12	
S024UFE	06-04-2019		880	Multi-Day		2599	0600	0000	018						
S024UEE	06-05-2019		880	Multi-Day		0000	2599	1200	030	0910	Tuna	Drifting	Tuna, yellowfin	20	
													Tuna, bluefin	18	
S024UDE	06-06-2019		880	Multi-Day		2599	0600	0000	030						
S024UCE	06-07-2019		880	Multi-Day		0000	2599	1200	031	0910	Tuna	Drifting	Tuna, bluefin	6	
S024UBE	06-08-2019		880	Multi-Day		2599	0600	0000	031						
S024UAE	06-09-2019		880	Multi-Day		2599	0600	0000	031						
S024U8E	06-10-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting	Tuna, bluefin	4	
S024U9E	06-10-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Anchored	Tuna, yellowfin	22	
													Tuna, bluefin	7	
S024U7E	06-11-2019		880	Multi-Day		2599	0600	0000	032						
S024U5E	06-12-2019		880	Multi-Day		0000	2599	1200	023	0910	Tuna	Drifting	Tuna, bluefin	2	
S024U6E	06-13-2019		880	Multi-Day		2599	0600	0000	023		Tuna				
S02AWCE	06-13-2019		880	Multi-Day		2216	2599	0000	031		Tuna	Drifting			
S02AWDE	06-14-2019		880	Multi-Day		2212	2599	0000	032		Tuna	Drifting			
S02AWEE	06-14-2019		880	Multi-Day		2599	2100	0900	031	0910	Tuna	Drifting	Tuna, bluefin	4	0
S02AWFE	06-15-2019		880	Multi-Day		2599	2599	1500	032	0910	Tuna	Drifting	Yellowtail	26	0
													Tuna, yellowfin	21	0
													Tuna, bluefin	5	0
													Bonito, Pacific	24	26
S02AWGE	06-16-2019		880	Multi-Day		1910	2599	0000	023		Tuna	Drifting			
S02AWHE	06-16-2019		880	Multi-Day		2599	0534	0000	032		Tuna				

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S02AWJE	06-17-2019		880	Multi-Day		2599	2599	1400	023	0910	Tuna	Drifting	Tuna, yellowfin	5	0
													Yellowtail	93	0
													Tuna, bluefin	7	0
S02AWKE	06-18-2019		880	Multi-Day		2599	0549	0000	023		Tuna	Drifting			
S02AWLE	06-19-2019		880	Multi-Day		0000	2599	1400	018	0910	Tuna	Drifting, Trolling	Tuna, bluefin	30	
S02AWM E	06-21-2019		880	Single Day		0000	2100	0700	020	0910	Tuna	Drifting, Trolling	Tuna, bluefin	26	
S02AWNE	06-22-2019		880	Single Day		0000	2000	0800	020	0910	Tuna	Diving, Trolling			
S02AWPE	06-23-2019		880	Multi-Day		0000	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, bluefin	17	
S02AWQE	06-24-2019		880	Multi-Day		2599	0600	0000	020		Tuna	Diving, Trolling			
S02AWRE	06-25-2019		880	Single Day		0000	2000	0800	020	0910	Tuna	Drifting, Trolling	Tuna, bluefin	9	
S02AWSE	06-26-2019		880	Multi-Day		0000	2599	1200	023	0910	Tuna	Drifting, Trolling	Tuna, bluefin	20	
S02AWTE	06-27-2019		880	Single Day		0000	1900	0700	032	0910	Tuna	Drifting, Trolling	Tuna, skipjack, black	3	
S02AWUE	06-29-2019		880	Multi-Day		0000	2599	0700	031	0910	Tuna	Drifting, Trolling	Tuna, bluefin	12	
S02AWVE	06-30-2019		880	Multi-Day		2599	0600	0000	031						
S02AWW E	07-01-2019		880	Multi-Day		0000	2599	1200	032	0867	Tuna	Trolling	Tuna, bluefin	9	
S02AWXE	07-02-2019		880	Multi-Day		2599	0600	0000	032						
S02AWYE	07-03-2019		880	Multi-Day		0000	2599	1200	031	0910	Tuna	Drifting, Trolling	Tuna, bluefin	15	

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S02AWZE	07-04-2019		880	Multi-Day		2599	0600	0000	031						
S02AX0E	07-05-2019		880	Single Day		0000	2000	0700	032	0910	Tuna	Drifting, Trolling	Yellowtail	1	
S02AX1E	07-06-2019		880	Single Day		0000	2000	0700	026	0910	Tuna	Drifting, Mooching	Tuna, bluefin	5	
S02AX2E	07-07-2019		880	Single Day		0000	2000	0700	012	0910	Tuna	Drifting, Trolling	Tuna, bluefin	1	
S02AX3E	07-08-2019		880	Multi-Day		2599	0600	0000	012						
S02AX4E	07-09-2019		880	Multi-Day		0000	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, bluefin	1	
S02AX5E	07-10-2019		880	Multi-Day		2599	0600	0000	024						
S02AX6E	07-11-2019		880	Multi-Day		0000	2599	1200	014	0910	Tuna	Drifting, Trolling	Tuna, bluefin	13	
S02AX7E	07-12-2019		880	Multi-Day		2599	0600	0000	014		Tuna	Drifting, Trolling			
S02AX8E	07-13-2019		880	Single Day		0000	2000	0700	012	0910	Tuna	Drifting, Trolling	Tuna, bluefin	15	
S02AX9E	07-14-2019		880	Multi-Day		0000	2599	1200	008	0910	Tuna	Drifting, Trolling	Tuna, bluefin	20	
S02AXAE	07-18-2019		880	Multi-Day		0000	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, bluefin	36	
S02AXBE	07-19-2019		880	Multi-Day		2599	0600	0000	020						
S02AXCE	07-20-2019		880	Single Day		0000	2000	0800	032	0910	Tuna	Drifting	Tuna, bluefin	9	
S02AXDE	07-21-2019		880	Multi-Day		0000	2599	1300	020	0910	Tuna	Drifting, Trolling	Tuna, bluefin	20	
S02AXEE	07-22-2019		880	Multi-Day		2599	0537	0000	020						
S02AXFE	07-23-2019		880	Multi-Day		0000	2599	1200	028	0910	Tuna	Drifting, Trolling	Tuna, bluefin	13	
S02AXGE	07-24-2019		880	Multi-Day		2599	0600	0000	028						

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S02AXHE	07-25-2019		880	Single Day		0000	2000	0800	019	0910	Tuna	Drifting, Trolling	Yellowtail	12	
													Tuna, bluefin	1	
S02AXJE	07-26-2019		880	Single Day		0000	2000	0700	029	0910	Tuna	Drifting, Trolling	Tuna, bluefin	7	
S02AXKE	07-27-2019		880	Single Day		0000	2000	0700	073	0910	Tuna	Drifting, Trolling	Tuna, bluefin	7	
S02AXLE	07-28-2019		880	Single Day		0000	2000	0000	032	0910	Tuna	Drifting, Trolling			
S02AXME	07-29-2019		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting, Trolling	Yellowtail	125	
S02AXNE	07-30-2019		880	Multi-Day		2599	2599	1200	025	0910	Tuna	Drifting, Trolling	Yellowtail	125	
S02AXPE	07-31-2019		880	Multi-Day		2599	0600	0000	025						
S02AXQE	08-01-2019		880	Single Day		0000	1900	0800	012	0910	Tuna	Drifting, Trolling	Yellowtail	60	
S02AXRE	08-02-2019		880	Single Day		0000	1900	0700	018	0910	Tuna	Drifting, Trolling	Dolphin (fish)	10	
													Yellowtail	90	
S02AXSE	08-03-2019		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting, Trolling	Dolphin (fish)	31	
													Yellowtail	125	
S02AXTE	08-04-2019		880	Multi-Day		2599	2599	1200	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	4	
													Yellowtail	125	
S02AXUE	08-05-2019		880	Multi-Day		2599	0600	0000	025						
S02AXVE	08-06-2019		880	Multi-Day		0000	2599	1200	023	0910	Tuna	Drifting, Trolling	Yellowtail	4	
S02AXWE	08-07-2019		880	Multi-Day		2599	0600	0000	023		Tuna	Drifting, Trolling			

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S02AXXE	08-09-2019		880	Single Day		0000	1900	0800	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	4	
S02AXZE	08-10-2019		880	Multi-Day		0000	2599	1500	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	4	
S02AXYE	08-11-2019		880	Multi-Day		2599	1900	0700	025	0910	Tuna	Anchored, Drifting, Mooching	Tuna, bluefin	4	
S02AY0E	08-12-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	29	
													Tuna, yellowfin	67	
S02AY1E	08-13-2019		880	Multi-Day		2599	0600	0000	032						
S02AY2E	08-15-2019		880	Multi-Day		0001	2599	1200	023	0910	Tuna	Drifting, Trolling	Tuna, bluefin	29	
													Tuna, yellowfin	115	
S02AY3E	08-16-2019		880	Multi-Day		2599	0600	0000	023						
S02AY4E	08-17-2019		880	Single Day		0000	1900	0800	032	0910	Tuna	Drifting, Trolling	Tuna, bluefin	5	
													Tuna, yellowfin	22	
S02BXBE	08-18-2019		880	Multi-Day		0000	2599	1200	028	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	130	
S02BXCE	08-19-2019		880	Multi-Day		2599	0600	0000	028						
S02BXDE	08-20-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Diving, Mooching	Tuna, yellowfin	160	
													Tuna, bluefin	1	
S02BXEE	08-22-2019		880	Single Day		0000	2000	0800	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	160	
S02BXFE	08-22-2019		880	Multi-Day		2599	0600	0000	032						

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S02FPTE	08-24-2019		880	Multi-Day		0000	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	33	
S02BXGE	08-31-2019		880	Single Day		0000	1900	1100	018	0879	Tuna	Drifting	Tuna, yellowfin	33	0
S02BXHE	09-01-2019		880	Single Day		0000	2000	0800	028	0910	Tuna	Drifting	Tuna, bluefin	6	0
S02BXJE	09-02-2019		880	Multi-Day		0000	2599	1400	020	0910	Tuna	Trolling	Tuna, bluefin	27	0
S02BXKE	09-03-2019		880	Multi-Day		2599	0600	0000	020		Tuna	Other			
S02FPUE	09-04-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Trolling	Tuna, yellowfin	160	
S02FPVE	09-05-2019		880	Multi-Day		2599	0600	0000	032						
S02FPWE	09-06-2019		880	Single Day		0000	2100	0900	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	103	
S02FPXE	09-07-2019		880	Multi-Day		0000	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, bluefin	48	
S02FPYE	09-08-2019		880	Multi-Day		2599	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	120	
S02FPZE	09-09-2019		880	Multi-Day		2599	0600	0000	024						
S02FQ0E	09-10-2019		880	Multi-Day		0000	2599	1200	028	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	150	
S02FQ1E	09-11-2019		880	Multi-Day		2599	2599	1200	028	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	55	
S02FQ2E	09-12-2019		880	Multi-Day		2599	0600	0000	028						

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S02FQ3E	09-13-2019		880	Multi-Day		0000	2599	1200	024	0910	Tuna	Trolling	Tuna, bluefin	3	
													Tuna, yellowfin	8	
S02FQ4E	09-14-2019		880	Multi-Day		1200	2599	0600	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	2	
S02FQ5E	09-14-2019		880	Multi-Day		2599	0530	0000	024		Tuna	Trolling			
S02FQ6E	09-15-2019		880	Multi-Day		2599	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	1	
S02FQ7E	09-16-2019		880	Multi-Day		2599	2599	1500	022	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	2	
													Tuna, bluefin	9	
S02FQ8E	09-17-2019		880	Multi-Day		2599	0600	0000	022		Tuna				
S02FQ9E	09-18-2019		880	Multi-Day		0000	2599	1200	032	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	88	
S02FQAE	09-19-2019		880	Multi-Day		2599	0600	0000	032						
S02FQBE	09-20-2019		880	Single Day		0000	1900	0700	019	0910	Tuna	Drifting, Trolling	Tuna, skipjack	65	
													Tuna, yellowfin	95	
S02FQCE	09-21-2019		880	Multi-Day		0000	2599	1200	024	0910	Tuna	Drifting, Trolling	Tuna, bluefin	1	0
													Tuna, yellowfin	72	0
													Tuna, skipjack	2	0
S02FQDE	09-22-2019		880	Multi-Day		2599	1950	1000	024	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	32	0
S02FQEE	09-24-2019		880	Multi-Day		0000	2599	1200	020	0867	Tuna	Trolling	Tuna, yellowfin	100	
S02FQFE	09-25-2019		880	Multi-Day		2599	0600	0000	020						

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S02FQGE	09-26-2019		880	Single Day		0000	2000	0800	032	0867	Tuna	Anchored, Drifting, Trolling	Tuna, yellowfin	150	
S02FQHE	09-27-2019		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	14	
S02FQJE	09-28-2019		880	Multi-Day		2599	2000	1200	022	0867	Tuna	Anchored, Drifting, Trolling	Tuna, bluefin	14	
S02FQKE	09-29-2019		880	Multi-Day		0000	2599	1200	032	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	150	
S02FQLE	09-30-2019		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting, Trolling			
S02FQME	10-01-2019		880	Multi-Day		0000	2599	0500	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	3	
S02FQNE	10-02-2019		880	Multi-Day		2599	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	85	
													Tuna, bluefin	30	
S02FQPE	10-03-2019		880	Multi-Day		2599	0600	0000	022						
S02FQQE	10-04-2019		880	Multi-Day		0000	2599	1200	025	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	125	
S02FQRE	10-05-2019		880	Multi-Day		2599	2599	1200	025	0867	Tuna	Drifting, Trolling	Tuna, bluefin	29	
													Tuna, yellowfin	125	
S02FQSE	10-06-2019		880	Multi-Day		2599	0600	0000	025						
S02FQTE	10-07-2019		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Trolling	Tuna, yellowfin	110	
S02FQUE	10-08-2019		880	Multi-Day		2599	2599	1400	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	44	
													Tuna, yellowfin	110	
S02FQVE	10-09-2019		880	Multi-Day		2599	0600	0000	022						

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S02FQWE	10-10-2019		880	Single Day		0000	2100	0800	032	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	165	
S02FQXE	10-11-2019		880	Multi-Day		0000	2599	1200	018	0867	Tuna	Drifting, Trolling	Tuna, bluefin	31	
													Tuna, yellowfin	100	
S02FQYE	10-12-2019		880	Multi-Day		2599	2000	0800	018	0867	Tuna	Drifting, Trolling	Tuna, bluefin	30	
													Tuna, yellowfin	50	
S02FQZE	10-13-2019		880	Multi-Day		0000	2599	1200	032	0867	Tuna	Drifting, Trolling	Tuna, bluefin	59	
													Tuna, yellowfin	67	
S02FR0E	10-14-2019		880	Multi-Day		2599	0600	0000	032		Tuna	Drifting, Trolling			
S02FR1E	10-15-2019		880	Multi-Day		0000	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, bluefin	29	
S02FR2E	10-16-2019		880	Multi-Day		2599	2599	1200	022	0867	Tuna	Drifting, Trolling	Tuna, yellowfin	18	
													Tuna, bluefin	20	
S02FR3E	10-17-2019		880	Multi-Day		2599	0600	0000	022						
S02QBDE	11-15-2019		880	Multi-Day		1200	2599	0000	018		Tuna	Drifting			
S02QBEE	11-16-2019		880	Multi-Day		2599	2599	1200	018	0882	Tuna	Drifting	Tuna, yellowfin	78	0
													Tuna, bluefin	7	0
													Tuna, skipjack	1	5
S02QBFE	11-17-2019		880	Multi-Day		2599	2599	1200	018	0882	Tuna	Drifting	Tuna, yellowfin	115	0
S02QBGE	11-18-2019		880	Multi-Day		2599	0500	0000	018		Tuna	Other			
S02QBHE	06-09-2020		880	Multi-Day		0000	2599	1600	017	0910	Tuna	Drifting	Tuna, bluefin	31	0
S02QBJE	06-10-2020		880	Multi-Day		2599	0600	0000	017		Tuna	Other			

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S02QBKE	06-11-2020		880	Multi-Day		0000	2599	1800	022	0910	Tuna	Drifting	Tuna, bluefin	27	0
S02QBLE	06-12-2020		880	Multi-Day		2599	0600	0000	022		Tuna				
S02QBME	06-13-2020		880	Multi-Day		0000	2599	1600	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	12	0
S02QBNE	06-14-2020		880	Multi-Day		2599	0600	0000	025		Tuna	Other			
S02QBPE	06-19-2020		880	Single Day		0000	1900	1200	026	0910	Tuna	Drifting	Tuna, bluefin	1	
S02QBQE	06-20-2020		880	Multi-Day		0000	2599	1400	025	0910	Other, Tuna	Drifting, Trolling	Bonito, Pacific Yellowtail	32	0
S02QBRE	06-21-2020		880	Multi-Day		2599	0600	0000	025		Tuna	Trolling			
S02QBSE	06-22-2020		880	Multi-Day		0000	2599	1400	018	0910	Tuna	Drifting	Tuna, bluefin	5	0
S02QBTE	06-23-2020		880	Multi-Day		2599	0600	0000	018		Tuna	Other			
S02QBUE	06-24-2020		880	Multi-Day		0000	2599	1600	025	0910	Tuna	Drifting	Tuna, bluefin	5	0
S02QBVE	06-25-2020		880	Multi-Day		2599	0600	0000	025		Tuna	Other			
S02QBWE	06-26-2020		880	Single Day		0000	1900	0800	026	0910	Tuna	Drifting	Tuna, yellowfin	7	0
													Tuna, bluefin	4	0
S02QBXE	06-27-2020		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	3	0
													Tuna, bluefin	2	0
S02QBYE	06-28-2020		880	Multi-Day		2599	0600	0000	025		Tuna	Other			
S02QBZE	06-29-2020		880	Single Day		0000	1900	1000	012	0864	Tuna	Drifting, Trolling	Tuna, bluefin	6	0
S02QC0E	06-30-2020		880	Single Day		0000	1900	1000	018	0864	Tuna	Drifting, Trolling	Tuna, bluefin	1	0

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S02QC1E	07-01-2020		880	Multi-Day		0000	2599	1600	025	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	18	0
													Yellowtail	60	0
													Dolphin (fish)	1	0
													Bonito, Pacific	10	8
S02QC2E	07-03-2020		880	Single Day		0000	2000	0800	026	0910	Tuna	Drifting	Tuna, bluefin	13	
S02QC3E	07-04-2020		880	Single Day		0000	2000	0800	017	0910	Tuna	Drifting, Trolling	Tuna, bluefin	14	
S02QC4E	07-05-2020		880	Multi-Day		0000	2599	1200	021	0910	Tuna	Drifting, Trolling	Tuna, bluefin	21	
S02QC5E	07-06-2020		880	Multi-Day		2599	0600	0000	021						
S02QC6E	07-07-2020		880	Multi-Day		0000	2599	1200	023	0950	Tuna	Drifting, Trolling	Tuna, bluefin	26	
S02QC7E	07-08-2020		880	Multi-Day		2599	0600	0000	023						
S02QC8E	07-09-2020		880	Multi-Day		0000	2599	1200	018	0950	Tuna	Drifting, Trolling			
S02QC9E	07-10-2020		880	Multi-Day		2599	0600	0000	018						
S02QCCE	07-11-2020		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	50	
S02QCBE	07-12-2020		880	Multi-Day		2599	0600	0000	025						
S02QCCE	07-13-2020		880	Single Day		0000	2000	1000	024	0910	Tuna	Drifting	Tuna, bluefin	48	0
S02QCDE	07-14-2020		880	Single Day		0000	2000	1100	020	0910	Tuna	Drifting	Yellowtail	11	0
													Tuna, bluefin	9	0
													Tuna, yellowfin	1	0

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S02QCEE	07-15-2020		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting	Bonito, Pacific	2	0
													Tuna, bluefin	33	0
													Tuna, yellowfin	3	0
S02QCFF	07-16-2020		880	Multi-Day		2599	0600	0000	025		Other	Other			
S02QCGE	07-17-2020		880	Single Day		0000	1820	1200	026	0910	Tuna	Drifting	Tuna, yellowfin	2	0
													Tuna, bluefin	18	0
S02QCHE	07-18-2020		880	Single Day		0000	2000	1000	026	0883	Tuna	Drifting	Yellowtail	2	0
													Tuna, bluefin	7	0
S02QCJE	07-19-2020		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	6	0
													Tuna, bluefin	20	0
													Yellowtail	1	0
S02QCKE	07-20-2020		880	Multi-Day		2599	0600	0000	025		Other	Other			
S02QCLE	07-21-2020		880	Multi-Day		0000	2599	1400	022	0910	Tuna	Drifting	Tuna, yellowfin	56	0
													Tuna, bluefin	45	0
													Yellowtail	3	0
													Dolphin (fish)	1	0
S02QCME	07-22-2020		880	Multi-Day		2599	0600	0000	022		Other	Other	Bonito, Pacific	2	0
S02QCNE	07-23-2020		880	Multi-Day		0000	2599	1400	025	0882	Tuna	Drifting	Tuna, yellowfin	8	0
													Tuna, bluefin	18	0
S02QCPE	07-24-2020		880	Multi-Day		2599	0600	0000	025		Tuna	Other			

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S02QCQE	07-25-2020		880	Single Day		0000	2100	1000	025	0910	Tuna	Drifting	Yellowtail	1	0
													Tuna, bluefin	9	0
													Dolphin (fish)	1	0
S02QCQE	07-26-2020		880	Multi-Day		0000	2599	1400	012	0910	Tuna	Drifting	Tuna, bluefin	10	0
													Yellowtail	26	0
S02QCSE	07-27-2020		880	Multi-Day		2599	0500	0000	012		Tuna	Drifting			
S02VEZE	07-28-2020		880	Multi-Day		0000	2599	1200	023	0810	Tuna	Drifting, Trolling	Tuna, bluefin	46	
S02VF0E	07-29-2020		880	Multi-Day		2599	0600	0000	023						
S02VF1E	07-30-2020		880	Single Day		0000	2000	0800	018	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	8	
													Tuna, bluefin	6	
													Yellowtail	8	
S02VF2E	07-31-2020		880	Single Day		0000	2000	1000	026	0910	Tuna	Drifting, Trolling	Yellowtail	30	
S02VF3E	08-01-2020		880	Multi-Day		0000	2599	1200	016	0850	Tuna	Drifting, Trolling	Tuna, bluefin	32	
S02VF4E	08-02-2020		880	Multi-Day		2599	2000	0500	016	0850	Tuna	Drifting, Trolling	Yellowtail	5	
S02VF5E	08-03-2020		880	Multi-Day		0000	2599	1200	025	0850	Tuna	Drifting, Trolling	Tuna, bluefin	27	
S02VF6E	08-04-2020		880	Multi-Day		2599	0600	0000	025						
S02VF7E	08-05-2020		880	Multi-Day		0000	2599	1400	023	0910	Tuna	Drifting	Yellowtail	1	0
													Tuna, yellowfin	11	0
S02VF8E	08-06-2020		880	Multi-Day		2599	0530	0000	023		Other	Other			

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S02VF9E	08-07-2020		880	Single Day		0000	1500	0400	026	0866	Tuna	Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	8	0
S02VGVE	08-08-2020		880	Multi-Day		0000	2599	1100	024	0910	Tuna	Drifting, Trolling	Yellowtail	1	
S02VGUE	08-09-2020		880	Multi-Day		2599	2599	1200	024	0849	Tuna	Trolling	Tuna, bluefin	8	
S02VGTE	08-10-2020		880	Multi-Day		2599	0500	0000	024						
S02VGSE	08-11-2020		880	Multi-Day		0000	2599	1200	023	0762	Tuna	Drifting, Trolling	Tuna, bluefin	46	
S02VGRE	08-12-2020		880	Multi-Day		2599	0500	0000	023						
S02VGQE	08-13-2020		880	Multi-Day		0000	2599	1200	019	0762	Tuna	Drifting, Trolling	Tuna, bluefin	38	
S02VGPE	08-14-2020		880	Multi-Day		2599	0500	0000	019		Tuna				
S02VGNE	08-15-2020		880	Single Day		0000	1700	1000	014	0910	Rockfishes, Tuna	Drifting, Trolling	Rockfish, vermillion	40	
													Tuna, yellowfin	1	
S02VGLE	08-16-2020		880	Multi-Day		0000	2599	1400	025	0910	Other	Drifting, Trolling	Dolphin (fish)	50	0
													Yellowtail	125	10
S02VGME	08-17-2020		880	Multi-Day		2599	0600	0000	025		Other	Other			
S02VGKE	08-18-2020		880	Multi-Day		0000	2599	1400	025	0910	Other	Drifting, Trolling	Dolphin (fish)	50	40
													Yellowtail	125	0
S02VGJE	08-19-2020		880	Multi-Day		2599	0530	0000	025		Other	Other			
S02VGHE	08-20-2020		880	Single Day		0000	2015	0800	026	0910	Other	Drifting, Trolling	Dolphin (fish)	14	0
													Yellowtail	47	8

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S02VGGE	08-22-2020		880	Multi-Day		0000	2599	1400	023	0871	Tuna	Drifting	Yellowtail	10	0	
											Tuna, bluefin		46	10		
S02VGFE	08-23-2020		880	Multi-Day		2599	2000	0300	023	0871	Tuna	Anchored	Yellowtail	13	0	
											Tuna, bluefin		50	10		
											Rockfish, unspecified		20	0		
S02VGEE	08-24-2020		880	Single Day		0000	2359	1400	024	0889	Tuna	Anchored, Drifting	Yellowtail	1	0	
											Tuna, bluefin		60	3		
S02VGDE	08-26-2020		880	Multi-Day		0000	2599	1200	022	0886	Tuna	Trolling	Tuna, bluefin	44		
S02VGCE	08-27-2020		880	Multi-Day		2599	0600	0000	022							
S02VGBE	08-28-2020		880	Single Day		0000	2000	0400	026	0866	Tuna	Anchored	Tuna, bluefin	14		
S02VGAE	08-29-2020		880	Multi-Day		0000	2599	1400	022	0889	Other, Tuna	Anchored, Drifting	Yellowtail	1	0	
											Tuna, bluefin		44	2		
											Rockfish, unspecified		60	15		
S02VG9E	08-30-2020		880	Multi-Day		2599	1900	0800	022	0882	Other, Tuna	Drifting	Yellowtail	9	2	
											Tuna, bluefin		18	0		
											Dolphin (fish)		5	0		
S02VG8E	08-31-2020		880	Multi-Day		0000	2599	1400	026	0857	Tuna	Drifting, Trolling	Tuna, bluefin	29		
S02VG7E	09-01-2020		880	Multi-Day		2599	0600	0000	025							
S02VG6E	09-02-2020		880	Multi-Day		0000	2599	1400	025	0857	Tuna	Drifting, Trolling	Tuna, bluefin	54		
S02VG5E	09-03-2020		880	Multi-Day		2599	0600	0000	025							

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S02VG3E	09-04-2020		880	Single Day		0001	2000	1200	026	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	26	0	
												Dolphin (fish)	52	20		
												Yellowtail	10	30		
												Tuna, skipjack	3			
												Bonito, Pacific	2			
S02VG4E	09-05-2020		880	Single Day		0001	2000	1200	026	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	3	0	
												Dolphin (fish)	52	20		
												Yellowtail	1	0		
												Tuna, skipjack	1	0		
S02VG2E	09-06-2020		880	Single Day		0000	1825	0700	025	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	64		
S02VG1E	09-07-2020		880	Multi-Day		0000	2599	1800	017	0850	Tuna	Drifting	Tuna, yellowfin	1	1	
												Tuna, bluefin	26	0		
S02VG0E	09-08-2020		880	Multi-Day		2599	0600	0000	017		Other	Other				
S02VFZE	09-09-2020		880	Multi-Day		0000	2599	1200	026	0857	Tuna	Drifting	Tuna, yellowfin	1		
												Tuna, bluefin	52			
S02VFYE	09-10-2020		880	Multi-Day		2599	0600	0000	026							
S02VFWF	09-11-2020		880	Single Day		0001	2000	1100	026	0910	Tuna	Drifting, Mooching, Trolling	Tuna, skipjack	8		
												Tuna, yellowfin	42	0		
S02VFXE	09-11-2020		880	Single Day		0000	1900	1000	026	0910	Tuna	Drifting	Tuna, skipjack	8	0	
												Tuna, yellowfin	42	0		

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S02VFVE	09-12-2020		880	Multi-Day		0000	2599	1400	023	0867	Tuna	Drifting	Tuna, bluefin	42	0
S02VFUE	09-13-2020		880	Multi-Day		2599	2599	1400	023	0830	Tuna	Drifting	Tuna, bluefin	46	0
S02VFTE	09-14-2020		880	Multi-Day		2599	0005	0000	023		Tuna	Drifting			
S02VFSE	09-15-2020		880	Multi-Day		0000	2599	1500	020	0857	Tuna	Drifting	Tuna, bluefin	13	
S02VFRE	09-16-2020		880	Multi-Day		2599	2599	1200	022	0857	Tuna	Drifting	Tuna, bluefin	17	
S02VFQE	09-17-2020		880	Multi-Day		2599	0600	0000	020						
S02VFPE	09-18-2020		880	Single Day		0000	2000	0700	020	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	85	
S02VFNE	09-19-2020		880	Single Day		0000	2000	0000	015	0910		Drifting, Trolling			
S02VFME	09-20-2020		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	52	
													Dolphin (fish)	52	
S02VFLE	09-21-2020		880	Multi-Day		2599	0600	0000	025						
S02VFKE	09-22-2020		880	Multi-Day		0000	2599	1400	022	0857	Tuna	Drifting	Tuna, bluefin	4	
													Tuna, yellowfin	58	
S02VFJE	09-23-2020		880	Multi-Day		2599	2599	1200	022	0857	Tuna	Drifting, Trolling	Tuna, bluefin	13	
S02VFHE	09-24-2020		880	Multi-Day		2599	0600	0000	022						
S02VFGE	09-25-2020		880	Single Day		0000	2000	1000	026	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	26	0
													Dolphin (fish)	52	0
													Tuna, skipjack	16	0
													Yellowtail	2	0

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S02VFFE	09-26-2020		880	Single Day		0000	1900	1000	026	0882	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	13	0	
												Dolphin (fish)	38	0		
												Tuna, skipjack	4	0		
S02VFEE	09-27-2020		880	Multi-Day		0000	2599	1400	026	0851	Tuna	Drifting	Tuna, yellowfin	3	0	
S02VFDE	09-28-2020		880	Multi-Day		2599	0600	0000	025		Other	Other				
S02VFCE	09-29-2020		880	Multi-Day		0000	2599	1400	016	0830	Tuna	Drifting, Trolling	Tuna, bluefin	1	0	
S02VFBE	09-30-2020		880	Multi-Day		2599	2599	1400	016	0910	Tuna	Drifting, Trolling	Yellowtail	12	20	
												Tuna, yellowfin	66	0		
												Dolphin (fish)	38	0		
												Tuna, skipjack	8	5		
S02VFAE	10-01-2020		880	Multi-Day		2599	0600	0000	016		Other	Other				
S039S2E	10-16-2020		880	Multi-Day		0000	2599	1500	012	0889	Tuna	Anchored, Drifting	Yellowtail	7	0	
												Tuna, bluefin	16	2		
												Sheephead, California	1	0		
S039S1E	10-17-2020		880	Multi-Day		2599	1900	0800	012	0884	Tuna	Drifting, Trolling	Yellowtail	13	10	
												Dolphin (fish)	31	0		
												Tuna, skipjack	2	0		

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S039S0E	10-18-2020		880	Single Day		0000	1800	0800	026	0910	Other, Tuna	Drifting, Trolling	Yellowtail Dolphin (fish)	1 6	0 0
S039RZE	10-19-2020		880	Multi-Day		0000	2599	1200	022	0807	Tuna	Drifting	Tuna, bluefin	37	
S039RYE	10-21-2020		880	Multi-Day		0000	2599	1200	025	0807	Tuna	Drifting	Tuna, bluefin	39	
S039RXE	10-22-2020		880	Multi-Day		2599	0600	0000	025						
S039RWE	10-23-2020		880	Multi-Day		0900	2599	0200	020	0849	Tuna	Anchored, Drifting	Bonito, Pacific	0	115
S039RVE	10-24-2020		880	Multi-Day		2599	2599	1600	020	0897	Tuna	Drifting	Tuna, bluefin	40	0
S039RUE	10-25-2020		880	Multi-Day		2599	2599	0900	020	0897	Tuna	Anchored, Drifting	Tuna, bluefin Yellowtail	24 52	0 0
S039RTE	10-26-2020		880	Multi-Day		2599	0600	0000	020		Tuna	Other			
S039RSE	10-27-2020		880	Multi-Day		0000	2599	1600	025	0889	Tuna	Drifting	Tuna, bluefin	29	0
S039RRE	10-28-2020		880	Multi-Day		2599	0600	0000	025		Other	Other			
S039RQE	10-29-2020		880	Single Day		0000	2000	1000	026	0910	Other, Tuna	Drifting, Trolling	Tuna, skipjack Dolphin (fish)	20 30	0 0
S039RPE	10-30-2020		880	Multi-Day		0000	2599	1600	012	0889	Tuna	Drifting	Tuna, bluefin	12	0
S039RNE	10-31-2020		880	Multi-Day		2599	2599	1400	012	0889	Tuna	Drifting	Tuna, bluefin	12	0
S039RME	11-01-2020		880	Multi-Day		2599	0700	0000	012		Other	Other			
S039RLE	11-02-2020		880	Multi-Day		0000	2599	1600	016	0889	Tuna	Drifting	Tuna, bluefin	20	0
S039RKE	11-03-2020		880	Multi-Day		2599	2599	1600	016	0889	Tuna	Drifting	Tuna, bluefin	16	0
S039RJE	11-04-2020		880	Multi-Day		2599	0800	0000	016		Other	Other			
S039RHE	11-09-2020		880	Multi-Day		0000	2599	1600	020	0889	Tuna	Drifting	Tuna, bluefin	7	0

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S039RGE	11-10-2020		880	Multi-Day		2599	2599	1600	020	0889	Tuna	Drifting	Tuna, bluefin	9	0
S039REE	11-11-2020		880	Multi-Day		2599	0700	0000	020		Other	Other			
S039RFE	11-11-2020		880	Multi-Day		1200	2599	0000	016		Tuna	Other			
S039RDE	11-12-2020		880	Multi-Day		2599	2599	1600	016	0882	Tuna	Drifting	Tuna, bluefin	4	0
S039RCE	11-13-2020		880	Multi-Day		2599	2599	1400	016	0882	Other, Tuna	Anchored, Drifting	Yellowtail	4	0
S039RBE	11-14-2020		880	Multi-Day		2599	0600	0000	016		Other	Other			
S039RAE	11-15-2020		880	Multi-Day		0000	2599	1200	020	0910	Tuna	Drifting, Trolling	Tuna, yellowfin	100	
S039R3E	06-02-2021		880	Multi-Day		0000	2599	1400	026	0910	Tuna	Drifting, Trolling	Tuna, bluefin	44	0
S039R2E	06-03-2021		880	Multi-Day		2599	0600	0000	026		Tuna	Drifting, Trolling			
S039R1E	06-04-2021		880	Single Day		0000	2000	0800	025	0910	Tuna	Drifting	Tuna, bluefin	17	0
S039R0E	06-05-2021		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting	Tuna, bluefin	34	
S039QZE	06-06-2021		880	Multi-Day		2599	0600	0000	025		Tuna	Drifting			
S039QYE	06-07-2021		880	Multi-Day		0000	2599	2000	025	0910	Tuna	Drifting	Tuna, bluefin	32	0
S039QXE	06-08-2021		880	Multi-Day		2599	0700	0000	025		Tuna	Other			
S039QWE	06-09-2021		880	Multi-Day		0000	2599	2000	021	0910	Tuna	Drifting	Tuna, bluefin	46	
S039QVE	06-10-2021		880	Multi-Day		2599	0500	0000	021		Tuna	Other			
S039QUE	06-11-2021		880	Single Day		0600	1800	1000	020	0910	Other, Tuna	Drifting, Trolling	Bonito, Pacific Yellowtail	26	41
S039QTE	06-12-2021		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting	Tuna, bluefin	16	
S039QSE	06-13-2021		880	Multi-Day		2599	0600	0000	025		Tuna	Drifting			
S039QRE	06-14-2021		880	Multi-Day		0000	2599	2200	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	33	
S039QQE	06-15-2021		880	Multi-Day		2599	0600	0000	025		Tuna	Diving, Trolling			

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S039QPE	06-16-2021		880	Multi-Day		0000	2599	1200	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	29	
S039QNE	06-17-2021		880	Multi-Day		2599	0600	0000	025						
S039QME	06-18-2021		880	Single Day		0000	1900	0800	026	0910	Tuna	Drifting	Tuna, bluefin	52	0
S039QLE	06-19-2021		880	Multi-Day		0000	2599	1600	025	0910	Tuna	Drifting	Tuna, bluefin	30	0
S039QKE	06-20-2021		880	Multi-Day		2599	0700	0000	025		Tuna	Drifting			
S039QJE	06-21-2021		880	Multi-Day		0000	2599	1400	025	0910	Tuna	Drifting	Tuna, bluefin	31	0
S039QHE	06-22-2021		880	Multi-Day		2599	0700	0000	025		Tuna	Drifting			
S03AX8E	06-23-2021	07-02-2021	880	Multi-Day		0000	2599	1500	025	0910	Tuna	Drifting	Tuna, bluefin	20	0
S03AX7E	06-24-2021	07-02-2021	880	Multi-Day		2599	0600	0000	025		Tuna	Drifting			
S03AX6E	06-25-2021	07-02-2021	880	Single Day		0000	2000	1200	025	0910	Tuna	Drifting	Tuna, bluefin	8	0
S03AX5E	06-26-2021	07-02-2021	880	Multi-Day		0000	2599	1600	025	0910	Tuna	Drifting	Tuna, bluefin	50	
S03AX4E	06-27-2021	07-02-2021	880	Multi-Day		2599	0600	0000	025						
S03AX3E	06-28-2021	07-02-2021	880	Multi-Day		0000	2599	1800	022	0910	Tuna	Drifting	Tuna, bluefin	21	
S03AX2E	06-29-2021	07-02-2021	880	Multi-Day		2599	0600	0000	022						
S03BD4E	06-30-2021	07-02-2021	880	Multi-Day		0000	2599	1200	024	0910	Tuna	Drifting	Tuna, bluefin	12	
S03AX1E	07-01-2021	07-02-2021	880	Multi-Day		2599	0600	0000	024						
S03JYLE	07-01-2021	07-24-2021	880	Multi-Day		2599	0600	0000	025		Tuna				
S03AWZE	07-02-2021	07-02-2021	880	Single Day		0000	1800	1200	026	0910	Tuna	Drifting	Tuna, bluefin	15	0
S03JYKE	07-02-2021	07-24-2021	880	Single Day		0000	2000	1200	026	0910	Tuna	Drifting, Trolling	Tuna, bluefin	15	
S03JYJE	07-03-2021	07-24-2021	880	Multi-Day		0000	2599	1200	026	0910	Tuna	Drifting, Trolling	Tuna, bluefin	25	
S03JYHE	07-04-2021	07-24-2021	880	Multi-Day		2599	0600	0000	026						
S03JYGE	07-05-2021	07-24-2021	880	Multi-Day		0000	2599	1700	025	0910	Tuna	Drifting	Tuna, bluefin	27	
S03JYFE	07-06-2021	07-24-2021	880	Multi-Day		2599	0600	0000	025		Tuna	Drifting			

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S03JYEE	07-07-2021	07-24-2021	880	Multi-Day		0000	2599	1300	025	0910	Tuna	Drifting, Trolling	Tuna, bluefin	41	
S03JYDE	07-08-2021	07-24-2021	880	Multi-Day		2599	0600	0000	025		Tuna	Drifting, Trolling			
S03JYCE	07-09-2021	07-24-2021	880	Single Day		0000	2000	0900	026	0910	Tuna	Drifting, Trolling	Tuna, bluefin	13	
S03BUGE	07-10-2021	07-11-2021	880	Multi-Day		0000	2599	1800	024	0910	Tuna	Drifting	Yellowtail	11	0
													Tuna, bluefin	1	0
S03JYBE	07-10-2021	07-24-2021	880	Multi-Day		0000	2599	1900	025	0910	Tuna	Drifting	Tuna, bluefin	1	
S03BUFE	07-11-2021	07-11-2021	880	Multi-Day		2599	0600	0000	024		Tuna	Other			
S03JYAE	07-11-2021	07-24-2021	880	Multi-Day		2599	2000	0000	025						
S03JY9E	07-12-2021	07-24-2021	880	Multi-Day		0000	2599	1900	025	0843	Tuna	Drifting	Tuna, bluefin	48	
S03JY8E	07-13-2021	07-24-2021	880	Multi-Day		2599	0600	0000	026						
S03JY7E	07-14-2021	07-24-2021	880	Multi-Day		0000	2599	2200	026	0843	Tuna	Drifting	Tuna, bluefin	52	
S03JY6E	07-15-2021	08-23-2021	880	Multi-Day		2599	0006	0000	026						
S03JY5E	07-16-2021	08-23-2021	880	Single Day		0000	2000	0800	026	0862	Tuna	Drifting	Tuna, bluefin	20	
S03JY4E	07-17-2021	08-23-2021	880	Single Day		0000	2000	0800	026	0862	Tuna	Drifting	Tuna, bluefin	35	
S03JY3E	07-18-2021	08-23-2021	880	Multi-Day		0000	2599	1200	025	0866	Tuna	Drifting	Tuna, bluefin	19	
S03JY2E	07-19-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025						
S03JY1E	07-20-2021	08-23-2021	880	Multi-Day		0000	2599	1200	025	0860	Tuna	Drifting	Tuna, bluefin	4	
													Yellowtail	60	
S03JY0E	07-21-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025						
S03JXZE	07-22-2021	08-23-2021	880	Multi-Day		0000	2599	1100	025	0860	Tuna	Drifting	Yellowtail	125	
S03JXYE	07-23-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025						
S03JXXE	07-24-2021	08-23-2021	880	Single Day		0000	2008	0700	018	0860	Tuna	Drifting	Yellowtail	90	
S03JXWE	07-25-2021	08-23-2021	880	Multi-Day		0000	2599	1200	013	0860	Tuna	Drifting	Yellowtail	75	
S03JXVE	07-26-2021	08-23-2021	880	Multi-Day		2599	0600	0000	013						

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S03JXUE	07-27-2021	08-23-2021	880	Multi-Day		0000	2599	1000	025	0860	Tuna	Drifting	Yellowtail	91	
S03JXTE	07-28-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025		Tuna	Drifting, Trolling			
S03JXSE	07-29-2021	08-23-2021	880	Multi-Day		0000	2599	1200	025	0860	Tuna	Drifting, Trolling	Yellowtail	125	
S03JXRE	07-30-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025						
S03JXQE	07-31-2021	08-23-2021	880	Single Day		0000	1800	0600	026	0860	Tuna	Drifting	Yellowtail	12	
S03JXPE	08-01-2021	08-23-2021	880	Single Day		0000	1900	0700	025	0860	Tuna	Drifting	Yellowtail	48	
S03ELME	08-02-2021	08-06-2021	880	Multi-Day		0000	2599	1400	020	0805	Tuna	Drifting, Trolling	Tuna, yellowfin	1	0
													Tuna, bluefin	12	0
													Yellowtail	1	0
S03ELLE	08-03-2021	08-06-2021	880	Multi-Day		2599	2599	1400	020	0805	Tuna	Drifting	Tuna, bluefin	5	0
S03ELKE	08-04-2021	08-06-2021	880	Multi-Day		2599	0700	0000	020		Tuna	Other			
S03JXNE	08-05-2021	08-23-2021	880	Single Day		0000	2000	0700	026	0824	Tuna	Drifting	Tuna, bluefin	29	
S03JXME	08-06-2021	08-23-2021	880	Multi-Day		0000	2599	1400	017	0824	Tuna	Drifting, Trolling	Tuna, bluefin	30	
S03JXLE	08-07-2021	08-23-2021	880	Multi-Day		2599	2599	1700	017	0824	Tuna	Drifting	Tuna, bluefin	37	
S03JXKE	08-08-2021	08-23-2021	880	Multi-Day		2599	0600	0000	017						
S03JXJE	08-09-2021	08-23-2021	880	Multi-Day		0000	2599	1200	025	0860	Tuna	Drifting	Tuna, bluefin	50	
S03JXHE	08-10-2021	08-23-2021	880	Multi-Day		2599	0600	0000	025						
S03JXGE	08-11-2021	08-23-2021	880	Multi-Day		0000	2599	1200	026	0807	Tuna	Drifting	Tuna, yellowfin	38	
													Tuna, bluefin	52	
S03JXFE	08-12-2021	08-23-2021	880	Multi-Day		2599	0600	0000	026						
S03JXEE	08-14-2021	08-23-2021	880	Multi-Day		2599	1800	0500	013	0760	Tuna	Drifting, Trolling	Tuna, bluefin	25	
S03JXDE	08-15-2021	08-23-2021	880	Multi-Day		0000	2599	1400	013	0830	Tuna	Drifting	Tuna, bluefin	17	

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S03JXCE	08-16-2021	08-23-2021	880	Multi-Day		2599	0600	0000	013						
S03JXBE	08-17-2021	08-24-2021	880	Multi-Day		0000	2599	1200	020	0887	Tuna	Anchored, Drifting, Trolling	Yellowtail	52	
S03JXAE	08-18-2021	08-24-2021	880	Multi-Day		2599	2599	1200	020	0860	Tuna	Anchored	Dolphin (fish)	54	
													Yellowtail	62	
S03JX9E	08-19-2021	08-24-2021	880	Multi-Day		2599	0600	0000	020		Tuna	Drifting			
S03JX8E	08-20-2021	08-24-2021	880	Single Day		0000	2000	0800	026	0860	Tuna	Drifting, Trolling	Dolphin (fish)	68	
S03JX7E	08-21-2021	08-24-2021	880	Multi-Day		0000	2599	1800	024	0870	Tuna	Drifting, Trolling	Tuna, bluefin	39	
S03JX6E	08-22-2021	08-24-2021	880	Multi-Day		2599	2000	0500	024	0870	Tuna	Drifting	Tuna, bluefin	25	
S03JX5E	08-23-2021	08-24-2021	880	Multi-Day		0000	2599	1200	025	0870	Tuna	Drifting	Tuna, yellowfin	5	
													Tuna, bluefin	62	
													Dolphin (fish)	1	
S03JX4E	08-24-2021	08-26-2021	880	Multi-Day		2599	0600	0000	024						
S03JX3E	08-25-2021	08-26-2021	880	Multi-Day		0000	2599	1500	018	0829	Tuna	Drifting, Trolling	Tuna, bluefin	46	
S03JX2E	08-26-2021	08-26-2021	880	Multi-Day		2599	0600	0000	018						
S03GBME	08-27-2021	08-27-2021	880	Single Day		0000	1830	0800	026	0910	Other, Tuna	Drifting, Trolling	Dolphin (fish)	10	0
S03GTME	08-28-2021	08-29-2021	880	Multi-Day		0000	2599	1400	023	0910	Other, Tuna	Drifting, Trolling	Yellowtail	1	1
													Dolphin (fish)	62	2
S03GTLE	08-29-2021	08-29-2021	880	Multi-Day		2599	1715	0800	023	0910	Other, Tuna	Drifting, Trolling	Tuna, yellowfin	9	0

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S03GTKE	08-30-2021	08-31-2021	880	Multi-Day		0000	2599	1400	024	0889	Other, Tuna	Anchored, Drifting, Trolling	Yellowtail Tuna, bluefin Bonito, Pacific	9 10 10	0 0 0
S03GTJE	08-31-2021	08-31-2021	880	Multi-Day		2599	0540	0000	024		Other	Other			
S03H2PE	09-01-2021	09-02-2021	880	Multi-Day		0000	2599	1600	020	0882	Tuna	Drifting, Trolling	Tuna, yellowfin Tuna, bluefin	10 22	0 0
S03H2NE	09-02-2021	09-02-2021	880	Multi-Day		2599	0830	0000	020		Other	Other			
S03J40E	09-09-2021	09-12-2021	880	Single Day		0000	1900	1000	025	0910	Tuna	Drifting	Tuna, yellowfin	30	0
S03J3ZE	09-10-2021	09-12-2021	880	Multi-Day		0000	2599	1500	024	0871	Other, Tuna	Drifting, Trolling	Tuna, bluefin	36	0
S03J3YE	09-11-2021	09-12-2021	880	Multi-Day		2599	2599	1500	024	0871	Other, Tuna	Anchored, Drifting, Trolling	Rockfish, vermillion Tuna, bluefin	90 15	0 0
S03J3XE	09-12-2021	09-12-2021	880	Multi-Day		2599	0530	0000	024		Other	Other			
S03JVLE	09-28-2021	09-28-2021	880	Multi-Day		0000	2599	1400	025	0889	Other, Tuna	Anchored	Yellowtail Tuna, bluefin Bonito, Pacific Tuna, yellowfin	15 51 5 2	0 0 12 0
S03JVME	09-29-2021	09-29-2021	880	Multi-Day		2599	0600	0000	025		Tuna	Other			

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S03K1NE	09-30-2021	10-01-2021	880	Multi-Day		0000	2599	1400	025	0889	Tuna	Anchored, Drifting	Tuna, yellowfin	1	0
													Tuna, bluefin	44	0
													Yellowtail	2	0
													Lingcod	1	0
													Sheephead, California	20	2
													Rockfish, vermillion	20	0
													Rockfish, group	10	10
													bocaccio/chili		
													Rockfish, copper	1	0
													Rockfish, starry	10	0
S03K1ME	10-01-2021	10-01-2021	880	Multi-Day		2599	0815	0000	025		Other	Other			