Pacific Fisheries Information Network

Comprehensive Fish Ticket Table

Date	Author	Change Comments	Version
10/06/2014	Ames		1.0
01/20/2015	Ames	Added another column in Table 1 that shows name translations from legacy PacFIN to New PacFIN. And edits to the Important changes from legacy PacFIN section	1.1
01/27/2015	Ames	Fixed off-set column descriptions in Table 1.	1.2
03/03/2015	Ames	GMT_SABLEFISH_CODE field description and codes	1.3
08/24/2015	Ames	Modification of THOMSON_FISHERY_CODE	1.4
03/21/2016	Ames	Update of new columns and removed "congressional district" column	1.5
6/14/2016	Ames	Update of columns and codes, and added data columns in PacFIN Answers' version of comprehensive fish tickets. Modifications are in bold **BLUE** text.	1.6

Subject

The goal of this project is to create a standardized fish ticket table for reporting all shoreside landings on the West Coast for analyses, including in-season management. The Comprehensive Fish Ticket table is generated by using a collection of base data sources along with auxiliary data from federal and state agencies to further define records and associated entities.

Background

The comprehensive fish ticket table (i.e., COMPREHENSIVE_FT) is based on state fish tickets, enhanced by applying the state agencies' catch-by-area and species composition proportions to correct catch areas, nominal[1] species categories and multispecies market categories for groundfish landings. These enhancements are built alongside the original raw data to allow PacFIN users the ability to query both the enhanced as well as raw data from the same table. In addition, electronic[2] fish tickets (etickets) have been incorporated for some fisheries to provide near real-time monitoring of primarily IFQ fisheries. Finally, value-added auxiliary data from federal and state agencies are joined to further define the records and associated entities.

This new comprehensive data set will replace all other fish ticket sources and will be the source for all future analyses and reporting. This easy to use data set is available to confidential users through Answers, SQL developer/Toad/Putty, Oracle R, and soon through Explorer. For non-confidential users these data will be available through interactive web base summaries on PacFIN's website.

Table Structure

The comprehensive fish ticket table currently has 106 columns that are organized into groups of like columns (Table 1). For example, all gear codes and descriptions are grouped together to allow users to easily find the appropriate fields to query. Furthermore, the column names are more descriptive than legacy PacFIN (e.g., grid = pacfin_gear_code) to reduce confusion. Table partitioning and indexing has been added to improve querying and reporting performance. The partitions are on year (i.e., PACFIN_YEAR) and the indexes are local to each partition. Users should see improved performance over legacy PacFIN regardless of whether they are accessing the table through Answers, Explorer, or other web-based reporting tools.

Important Changes from Legacy PacFIN

Below is a list of some important changes from legacy PacFIN to the new comprehensive fish ticket table.

- Vessels: All vessels have three unique vessel identifiers that are critical for tracking, linking, and matching vessels to specific fish tickets, fisheries, and to other vessel source data. The first two identifiers are derived by PacFIN and are (1) VESSEL_REGISTRATION_ID and (2) VESSEL_ID. The third is VESSEL_NUM which is similar to the legacy PacFIN's DRVID, except it does not include "ZZZ" numbers or "NONE" vessels. These vessels are instead identified as "MISSING" or "UNKNOWN". If no vessel was used than the field is null.

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[1] The term "nominal" implies that the market category, while ostensibly comprised of a single species, may actually be represented by additional species.

[2] Electronic fish tickets do not include all fisheries and sectors. Starting in 2011, etickets are required for shorebased IFQ landings.

The VESSEL_REGISTRATION_ID is used to link vessel owners and annual registrations as provided by WDFW, ODFW, and CDFW to specific fish ticket landings. The VESSEL_ID links vessels to all known unique vessel registrations, state licensing, documentation numbers, etc. (e.g., USCG documentation number). This VESSEL_ID is used to track vessels through time and to fisheries outside West Coast (e.g., Alaska Fisheries). For example, in 2013 VESSEL_ID "21219219" had two different VESSEL_REGISTRATION_IDs "21360469" which links it to ODFW's fish tickets and registration, and "21360503" which links it to WDFW's fish tickets and owner/licensing registration. Vessel ownership and licensing registration information are contained in PacFIN's VESSEL_REGISTRATIONS table.

- Fleet: This field is the same as in the VDRFD table, except it corrects for false matches. There are a few instances where a vessel is classified as "LE" because legacy PacFIN matched the "NONE" vessels to federal permits incorrectly. These are fixed in the new system.

- Unknown and missing vessel identifications: If the vessel is not known it is still given a unique VESSEL_REGISTRATION_ID and VESSEL_ID and that ID is classified in the VESSEL_REGISTRATIONS table as "UNKNOWN" or "MISSING". If the landing is not from a vessel then the VESSEL_REGISTRATION_ID field is null in COMPREHENSIVE_FT and there is no associated records in VESSEL_REGISTRATIONS table. This is different from legacy PacFIN where the unknown vessels were given a "ZZZ…" ID and when a vessel was not used were given a "NONE" ID.

- Unique fish tickets: All fish tickets have unique fish ticket ids that have been derived from PacFIN (i.e., FISH_TICKET_ID). This removes the need to add multiple columns to get a unique fish ticket. In legacy PacFIN users need to include multiple columns to pull out a unique fish ticket (i.e., FTID, AGID, TDATE, PARGRP)

- **Electronic tickets: Etickets are included in the comprehensive fish ticket data set, but are replaced by PacFIN's hard copy fish tickets when they become available. Earlier versions had logic to remove unresolved etickets after 180 days if not replaced by hard copy tickets. This is no longer the case, eticket records will remain until hard copy tickets become available. Etickets can be identified within the table by the use of "TICKET_SOURCE_CODE" column.**

- Federal and state permits: State permits are not included nor are the federal permits. They can be linked, but were not included because they would take up too many columns in an already large table. However, federal groundfish LE permit counts as well as corresponding gear endorsements are included.

- Fishery definitions and codes: Fish ticket records can be classified into separate sectors or fisheries, such as the Dahl sectors and Thomson fisheries. These fishery classifications are included in the COMPREHENSIVE_FT to help PacFIN users extract appropriate fish ticket records. One important change to the Dahl sectors in the new database architecture is that all vessels defined as "ZZZ…" and "NONE" have been removed, which affects some fish ticket landings. In legacy PacFIN, the Dahl sector classifications are derived by using the DRVID and other columns to summarize daily landings to identify which fishery a particular vessel was participating. The DRVID as "NONE" was applied to all

landings when a vessel was not used. As a consequence some of these landings were summarized together as the single entity and were misclassified. In the COMPREHENSIVE_FT the VESSEL_REGISTRATION_IDs is null if a vessel was not used. The new approach for dealing with these situations, when a vessel was not used, is to summarize daily landings using the fisher's license number as the defined entity and if the fisher's license number is null then each fish ticket is assumed to be from a unique individual and classified appropriately.

Output table

Table 1. COMPREHENSIVE_FT columns and column descriptions

New PacFIN Name	Legacy PacFIN Name	Description
LANDING_YEAR	YEAR	Year the catch was delivered (Format: yyyy). Note: The database table is partitioned by PacFIN year and not landing year. All queries that include year should use PACFIN_YEAR instead of LANDING_YEAR to increase performance
LANDING_MONTH	MONTH	Month the catch was delivered (Format: mm)
LANDING_DAY	DAY	Day the catch was delivered by the fisher (Format: dd)
LANDING_DATE	TDATE	Date from fish-ticket (Format: dd-MMM-yy)
NUM_OF_DAYS_FISHED	DAYSFISHED	Number of days fished (WDFW and ODFW only)
FISH_TICKET_ID		A unique number assigned to each fish ticket. This fish ticket identifier is created by PacFIN
FTID	FTID	Fish ticket identifier provided by the state agencies. This number is not necessarily unique and should not be used to identify unique fish ticket landings
AGENCY_CODE	AGID	An agency identifier
PARTICIPATION_GROUP_CODE	PARGRP	Participant group ("A" = Aquaculture , "C" = non-Indian commercial fisher, "I" = Treaty Indian commercial fisher, "U" = Unknown or Unspecified
PARTICIPATION_GROUP_NAME	PARGRP DESCRIPTION	Participant group name ("A" = Aquaculture , "C" = non-Indian commercial fisher, "I" = Treaty Indian commercial fisher, "U" = Unknown or Unspecified
FLEET_CODE	FLEET	Fleet type (limited entry = "LE", open access = "OA", trl Indian = "TI", research = "R", unknown = "XX")

VESSEL_REGISTRATION_ID		Primary Key. Vessel identifier that links vessels from the vessel registrations table to fish tickets
VESSEL_ID		Vessel identifier created by PacFIN. These are unique numbers assigned to vessels
VESSEL_NUM	DRVID	Similar to Legacy PacFIN's DRVID, but not exactly. It can be a USCG VID (ex: 1234567 or AK1234nn) or MISSING or UNKNOWN if vessel ID not provided or invalid. It is also "Null" if no vessel was used.
VESSEL_TYPE_CODE	IDTYPE	1 = USCG >= 5 net tons, 2 = USCG < 5 net tons, 3 = State Agency Plate number (registration), 4 = Indian tribe identification, 5 = Canadian Vessel, 7 = illegal or unregistered vessel, 8 = confiscated catch, U = unknown or unidentified vessel (missing), W = WDFW Registration Number
FISHER_LICENSE_NUM	FISHERMAN_LICENSE	A fisherman license number (CA and WA only)
GEAR_CODE	GEAR	Source agency gear code
GEAR_NAME	NAME DESCRIPTION	Source agency gear name
ADJUSTED_GEAR_CODE	ADJ_GRID	Adjusted PacFIN gear code
PACFIN_GEAR_CODE	GRID	PacFIN gear code
PACFIN_GEAR_DESCRIPTION	GRID DESCRIPTION	PacFIN gear code description
PACFIN_GROUP_GEAR_CODE	GRGROUP	PacFIN gear group code
CATCH_AREA_CODE	AREA	Agency area code
CATCH_AREA_DESCRIPTION	AREA DESCRIPTION	Agency area code description
AREA_TYPE_CODE	AREATYPE	Type of area of this catch
AREA_TYPE_NAME	AREATYPE DESCRIPTION	Name of type of area of this catch
ORIG_PACFIN_CATCH_AREA_CODE	FTL_ARID	PacFIN area code corresponding to the state agency area code found on the fish ticket
PACFIN_CATCH_AREA_CODE	ARID	PacFIN area code after application of area comps. The value of this area code is different than ORIG_PACFIN_CATCH_AREA_CODE
PACFIN_CATCH_AREA_NAME	NAME	Name of PacFIN area code after application of area comps
PACFIN_CATCH_AREA_DESCRIPTION	ARID DESCRIPTION	Description of PacFIN area code after application of catch area proportions
PACFIN_GROUP_CATCH_AREA_CODE	ARGROUP	PacFIN area group code after application of catch area proportions

INPFC_AREA_TYPE_CODE	INPFC_ARID	Agency INPFC area code after application of catch area proportions NVL(inpfc_area_type_code, 'XX') AS inpfc_area_type_code,
COUNCIL_CODE	COUNCIL	Area designation (P = PFMC; N = NPFMC; * = neither)
PORT_CODE	PORT	Source agency port code (the port-of-landing)
PORT_NAME	PORT DESCRIPTION	Source agency port code name (the port-of-landing)
PACFIN_PORT_CODE	PCID	PacFIN port code
PACFIN_PORT_NAME	PCID SHORTNAME	PacFIN port code name
PACFIN_PORT_DESCRIPTION	PCID NAME	PacFIN port code description
PACFIN_GROUP_PORT_CODE	PCGROUP	PacFIN group port code
COUNTY_CODE	CID	County code
COUNTY_NAME	COUNTY	Name of county
COUNTY_STATE	STATE	County state
SUBREGION_CODE	RID2	Group county codes. Grouping of counties into sub-regions
SUBREGION_NAME	RID2 REGION	Name of sub-region
REGION_CODE	RID1	Group county codes. Grouping of counties into regions
REGION_NAME	RID1 REGION	Name of region
DEALER_ID		Dealer identifier created by PacFIN. These are unique numbers assigned to dealers
DEALER_NUM	PROC or PROCESSORID	The identifier for the processor company or buyer that processed, or received, the delivery of fish. For CDFW this column contains a buyer-id and the processor-id is derived by taking the first five characters only
DEALER_NAME	PROC NAME	Dealer name or description
SPECIES_CODE	CATEGORY	State agency species identifier (i.e. market category)
SPECIES_CODE_NAME	CATEGORY DESCRIPTION	State agency species name (i.e. market category)
ORIG_PACFIN_SPECIES_CODE	FTL_SPID	PacFIN species code corresponding to the state agency species code found on the fish ticket
PACFIN_SPECIES_CODE	SPID	PacFIN species code

PACFIN_SPECIES_COMMON_NAME	SPID CNAME	PacFIN species common name after application of species proportions
PACFIN_SPECIES_SCIENTIFIC_NAME	SPID SNAME	PacFIN species scientific name after application of species proportions
MANAGEMENT_GROUP_CODE	MGRP	PacFIN species management group after application of species proportions
COMPLEX	COMPLEX	PacFIN species groupings after application of species proportions
COMPLEX2	COMPLEX2	Additional species grouping after application of species proportions
COMPLEX3	COMPLEX3	Additional species grouping after application of species proportions
COMPLEX4	COMPLEX4	Additional species grouping after application of species proportions
REMOVAL_TYPE_CODE	REMOVAL_TYPE	Removal type code
REMOVAL_TYPE_NAME	REMOVAL_TYPE DESCRIPTION	Removal type name is either (commercial, EFP, personal use, research, or commercial (direct sale)
IS_REMOVAL_LEGAL	LEGAL_REMOVAL	Boolean (T/F); = 'T' if the removal was legal
GRADE_CODE	GRADE	Grade or size category of the catch
GRADE_NAME	GRAD DESCRIPTION	Name of GRADE_CODE
CONDITION_CODE	COND	Condition of catch at time of landing
CONDITION_NAME	COND DESCRIPTION	Name of CONDITION_CODE
DISPOSITION_CODE	DISP	Disposition of catch
DISPOSITION_NAME	DISP DESCRIPTION	Name of DISPOSITION_CODE
PRODUCT_USE_CODE	PRODUCT_USE	Intended use of the catch
PRODUCT_USE_NAME	PRODUCT_USE DESCRIPTION	Name of PRODUCT_USE_CODE
PRODUCT_FORM_CODE	PRODUCT_FORM	The form of the product
PRODUCT_FORM_NAME	PRODUCT_FORM DESCRIPTION	Name of PRODUCT_FORM_CODE
IS_OVERAGE	OVERAGE	Boolean (T/F); = 'T' if the catch exceeds the limit
NUM_OF_FISH	NUM_FISH	Number of fish caught (nominally for salmon only. For CDFW salmon (i.e. chinook) for 1986 thru the present this statistic is a derived value based on average weights developed from samples. For CDFW for 1981-1985 num_fish for salmon are not available (i.e. num_fish is set to null). For ODFW num_fish

			NOT provided for Columbia River and Troll landings. For WDFW salmon the num-fish values are actual counts of fish (i.e. no sampling for average weight). For WDFW num_fish is provided for a few non-salmon species)
LANDED_WEIGHT_LBS	LWT_LBS		Landed weight, units are in pounds
LANDED_WEIGHT_MTONS			Landed weight, units are in metric tons. 1 metric ton (mt) ≈ 2,204.62 pounds. landed_weight_lbs / 2204.62262 AS landed_weight_mtons
CONVERSION_FACTOR	FACTOR		Round weight conversion factor scaled nn.nnn
ROUND_WEIGHT_LBS	RWT_LBS		Landed weight converted to round weight. Units are in pounds. weight_of_catch * NVL(conversion_factor,1) AS round_weight_lbs
ROUND_WEIGHT_MTONS			Round weight, units are in metric tons. 1 metric ton (mt) ≈ 2,204.62 pounds. round_weight_lbs / 2204.62262 AS round_weight_mtons
IS_VALUE_ESTIMATED	ESTIMATED		Boolean (T/F); ='T' if dollar value is estimated
PRICE_PER_POUND	PPP		Price per pound; units = dollars per pound
EXVESSEL_REVENUE	REV		Actual or estimated revenue in dollars. weight_of_catch * price_per_pound AS exvessel_revenue
IS_ETIX_DATA			If landing was from etickets, flag = 'T'; if not, flag is = 'F'. **This field is redundant and will be phased out. Use the "TICKET_SOURCE_CODE" instead. See description below**
IS_IFQ_LANDING	IFQ_LANDING		If landing was IFQ, flag = 'T'; if not an IFQ landing, flag is = 'F'
IFQ_ACCOUNT_NUM			IFQ holders account number
IS_AREA_COMP_USED			If catch area proportions were applied, flag = 'T'; if not flag is = 'F'
IS_SPECIES_COMP_USED			If species proportions were applied, flag = 'T'; if not flag is = 'F'
DAHL_GROUNDFISH_CODE	DAHL_SECTOR		This field contains numeric codes identifying groundfish "sectors." These sectors are meant to identify landings according to fishery components, or sectors, used in management. Sectors are defined through a combination of

	species composition of landings, gear type, and permit status, among other factors
THOMSON_FISHERY_CODE	This field has fishery codes or sectors that allow for a comprehensive characterization of all commercial landings on the Pacific coast during 1981-to present. These fishery definitions will take the form of species/gear combinations – based on the species and gear codes used in PacFIN

'01' = Dungeness Crab Pot, '02' = Other Crab Pot, '03' = Lobster Pot, '04' = Prawn Pot, '05' = Pink Shrimp Trawl, '06' = Prawn Trawl, '07' = Whiting Trawl, '08' = DTS Trawl, '09' = Other Groundfish Trawl, '10' = Sablefish Pot, '11' = Sablefish Hook & Line, '12' = NearShore Rockfish Pot,'13' = NearShore Rockfish Hook & Line, '14' = Non NearShore Rockfish Port, '15' = Non NearShore Rockfish Hook & Line, '16' = Halibut Hook & Line, '17' = Halibut Trawl, '18' = Halibut Net, '19' = Sturgeon Net, '20' = Salmon Troll, '21' = Salmon Net, '22' = Squid Seine, '23' = CPS Seine, '24' = Herring, '25' = WS Bass, '26' = Tuna Troll, '27' = Tuna Seine, '28' = Shark Net, '29' = Hagfish Pot, '30' = Swordfish Net, '31' = Swordfish Other, '32' = Clam Dredge, '33' = Clam Scallop Other, '34' = Oyster, '35' = Scallop Trawl, '36' = Abalone, '37' = Urchin, '38' = Sea Cucumber, '39' = Groundfish Net, '40' = Groundfish Troll, '41' = Bait Ghost Shrimp, '42' = Bait Shrimp, '00' = Everything Else |
| DANGELO_HMS_CODE | This field contains fishery codes for identifying Highly Migratory Species fisheries. The codes are:

'HAR' = Harpoon (50 CFR 660.715), 'PS-HMS-EPO' = Purse Seine (50 CFR 660.714), 'DGNLM' = Large Mesh Drift Gillnet (50 CFR 660.713), 'DGNSM' = Small Mesh Drift Gillnet, 'LL' = Hawaii Longline (Pelagics FMP) – West Coast landings, 'LL-FMP' = HMS FMP Longline (50 CFR 660.712), 'LTL-ALB-NP' = Surface Hook-and-Line Fishery for Albacore (50 CFR 660.716), 'LTL-ALB-CN' = Canadian Troll (U.S.-Canada Albacore Treaty), 'LTL-ALB-SP' = South Pacific Albacore Troll (High Seas Fishing Compliance Act), 'LX' = HMS Hook and Line fishery, and 'MIS' = HMS species miscellaneous or unknown fishery |
| GMT_SABLEFISH_CODE | This field contains fishery codes for identifying sablefish fisheries.

Primary = 'PRI', DTL Limited Entry South = 'LES', DTL Limited Entry North = 'LEN', DTL Limited Entry Unknown Area = 'LEU', DTL |

		Open Access South = 'OAS', DTL Open Access North = 'OAN', DTL Open Access Unknown Area = 'OAU', **IFQN = IFQ North, IFQS = IFQ South, IFQU = IFQ Unknown area**
COUNT_LE_PERMITS	Count of NWR_LE_PERMIT	Distinct count of NWR/LE permits under which the vessel fished
IS_TRAWL_ENDORSED	TRWL_GEAR	If NWR/LE permit is trawl endorsed, flag = 'T'; if not flag is = 'F'
IS_LONGLINE_ENDORSED	LGLN_GEAR	If NWR/LE permit is longline endorsed, flag = 'T'; if not flag is = 'F'
IS_TRAP_ENDORSED	TRAP_GEAR	If NWR/LE permit is trap endorsed, flag = 'T'; if not flag is = 'F'
PACFIN_YEAR	YEAR	Year the catch was delivered. (Format: yyyy). The database table is partitioned by PacFIN year. All queries that include year should use PACFIN_YEAR instead of LANDING_YEAR
PACFIN_VDATE		Version Date. The date the records were refreshed
CFT_ID		**Match ID code for internal processing by PacFIN staff**
IS_EM_LANDING		**If landing was from electronic monitoring (EM) vessel, flag = 'T'; if not, NULL**
TICKET_SOURCE_CODE		**E = eticket** **T = Ticket from a State system that does not have corresponding Eticket** **R = Reconciled or replaced eticket that was replaced by a state ticket**
NOMINAL_TO_ACTUAL_SPECIES_CODE		**This field converts all PacFIN nominal species codes to PacFIN actual species codes. For example, nominal dover sole, "DVR1" would be converted to "DOVR"**

Table 2. Comprehensive fish ticket subject area in PacFIN Answers has all the fields in table 1, but also includes additional fields that are exclusive to Answers. These additional fields are listed below.

PacFIN Name (Exclusive to Answers)	Legacy PacFIN Name	Description
INFLATION_ADJUSTER		**Inflation adjuster value. Derived from the Bureau of Economic Analysis, U.S. Department of Commerce**
PRICE_DEFLATOR_FOR_GDP		**Price deflator value, U.S. Department of Commerce**

GEAR_ENDORSED	Gear endorsement for corresponding limited entry (LE) permits. L = longline, P = trap, T= trawl
GEAR_SECTOR	Gear sector for corresponding LE permit, "TRAWL", "FIXED", "BOTH"
MULTIPLE_PERMIT_ENDORSED	Vessels that possess more than one LE permits within the same year than the flag = 'T', if only one LE permit or less then flag = 'F'
NWR_LE_PERMIT_NUM	Limited Entry (LE) Permit number
PERMIT_ENDORSED_LENGTH	Vessel length for corresponding LE permits
SABLEFISH_ALLOWABLE_CATCH_TIER	Corresponding sablefish tier(s) for LE permit(s)
IOPAC_PORT_GROUP	West Coast port groupings
IOPAC_PORT_ORDER	Latitude order of West Coast port groupings, from north to south.
LANDING_QUARTER	Quarter as a number within each year (e.g. Jan to March = 1, etc.)
MONTH_NAME	Name of month
PERIOD	Period as a number (1 – 6) within each year (e.g. Jan and Feb = 1, Mar and Apr = 2, etc.)
LANDING_WEEK	Week number within each year. Week is defined as starting from Sunday through Saturday
DAY_OF_WEEK	Three character abbreviation for day of the week (e.g. Thu = Thursday, etc.)
WEEK_END_DATE	Date of the end of the week, which is always a Sunday
WEEK_START_DATE	Date of the start of the week, which is always a Saturday, unless January 1 starts on another week day
DISTINCT_TRIP	The concatenation of two variables, which are (1) LANDING_DATE and (2) distinct VESSEL_ID if null then FISHER_LICENSE_NUM if null then FISH_TICKET_ID
DEPARTURE_PACFIN_PORTCODE	Port of departure at start of fishing trip (PacFIN port code). Only for EM vessels

START_DATETIME_UTC		Date and time when vessel departed from port. Only for EM vessels
RETURN_PACFIN_PORTCODE		Port of landing at end of fishing trip (PacFIN port code). Only for EM vessels
END_DATETIME_UTC		Date and time when vessel returned to port. Only for EM vessels
IFQ_MANAGEMENT_AREA		IFQ managmenet areas, which are: "N of 40°10", "40°10 to 36", "36 to 34°27", and "S of 42°27". Only for IFQ landings
HULL_NUMBER		A serial identification number given to a boat or ship. It is provided in the USGS or state boating agency (e.g, ORMB, WDOL, CDMV) registration records, not in the DFW (WDFW, CDFW, and ODFW) records. As required by federal law, all boats manufactured or imported on or after November 1, 1972 must bear a Hull Identification Number (HIN). It remains with a vessel over a vessel's life
IS_CHARTER_BOAT	CHARTERBOAT	Flag used to indicate whether or not the vessel is a charter boat
LENGTH_TYPE_CODE	LENTYPE	Type of length measurement used when registering vessel. 0=length is null; 1=overall length in feet; 2=keel length in feet; 3=USCG length in feet
REGISTRATION_ACTIVE_DATE		Date the registration became valid (format: mm/dd/yyyy)
REGISTRATION_EXPIRE_DATE		Date the registration became valid (format: mm/dd/yyyy)
REGISTRATION_NUM	PLATE	It is a boat's fishing license number, which is issued by state fishery agencies (e.g., WDFW, ODFW, CDFW, ADFG). A boat must be registered with the state to obtain a fishing license number in order to fish on state water. So if a boat fishes both on Washington water and Oregon water. It needs to get a license from both WDFW and ODFW and thus have 2 different REGISTRATION_NUM
REGISTRATION_YEAR	YEAR	Year the vessel was registered with the source agency (format: yyyy)
VESSEL_HORSEPOWER	HP	Horsepower rating. This is self-reported data. If the value in this data field is found to inconsistent with USCG or State supplied data, then USCG or state data should be used in lieu of the value in this data column

VESSEL_LENGHT	**LEN**	**Length of the vessel in feet. This is self-reported data. If the value in this data field is found to inconsistent with USCG or State supplied data, then USCG or state data should be used in lieu of the value in this data column**
VESSEL_NAME	**NAME**	**Name of vessel**
VESSEL_OWNER_ADDRESS_CITY	**CITY**	**City of vessel owner's address**
VESSEL_OWNER_ADDRESS_STATE	**STATE**	**State of vessel owner's address**
VESSEL_OWNER_ADDRESS_STREET	**STREET**	**Street address of vessel owner**
VESSEL_OWNER_ADDRESS_ZIP	**ZIPCODE**	**Zip code for owner's address**
VESSEL_OWNER_NAME	**OWNER**	**Name of the current, or most recent, vessel owner within a single calendar year.**
VESSEL_WEIGHT	**WGT**	**Vessel weight. This is self-reported data. If the value in this data field is found to inconsistent with USCG or State supplied data, then USCG or state data should be used in lieu of the value in this data column**
WEIGHT_TYPE_CODE	**WGTTYPE**	**Type of weight measurement used when registering vessel. 0=weight is null; 1=net tonnage; 2=gross tonnage; 3=USCG reported gross tonnage.**