

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: AREA

This table includes latitude longitude combinations of the following area: -- south of Chukchi Sea and -- within the West Coast EEZ or the Alaska EEZ or the donut hole and not on land and -- north of 36 degrees latitude.

Column Name	Column Comments
GEOID	Concatenation of latitude and longitude.
LONDD	Longitude in decimal degrees. Longitudes on the Asian side of 180 continue upward. (e.g. 181,182,183...) All longitudes are negative. (Used for creating event themes in Arcview)
LATDD	Latitude in decimal degrees. (Used for creating event themes in Arcview)
LATITUDE	4 digit latitude in degree-minutes. This variable matches "latitude" in norpac.domestic_haul table.
LONGITUDE	5 digit longitude in degree-minutes. Longitudes on the Asian side of 180 continue upward. (e.g. 181,182,183...) All longitudes are positive. This variable matches "longitude" in norpac.domestic_haul table.
GENERIC	Since the management areas change over time, the generic map was invented. It is the intersection of all the yearly maps. Numbers assigned to these areas are not necessarily valid management area numbers. Lines for delineating the areas were built based on coordinates used to designate management areas.

Table Name: AREA_YEAR

This table includes yearly area designations within the following area: --south of Chukchi Sea and --within the West Coast EEZ or the Alaska EEZ or the donut hole and --not on land and -- north of 36 degrees latitude.

Column Name	Column Comments
AREA	Synonymous with NMFS Area, the numbers assigned to these areas are the valid management area numbers. Lines for delineating the areas were built based on coordinates used to designate management areas. These areas often change from year to year.
GENERIC	Since the management areas change over time, the generic map was invented. It is the intersection of all the yearly maps. Numbers assigned to these areas are not necessarily valid management area numbers. Lines for delineating the areas were built based on coordinates used to designate management areas.
YEAR	A four-digit number identifying the year.
COBLZ	A one-digit alpha code indicating whether or not the GENERIC area is part of the C. opilio bycatch limitation zone (COBLZ). Y = Yes; N = No.

Table Name: BIRD_DETERRENCE

This table connects the DETERRENCE code with its DEFINITION.

Column Name	Column Comments
DETERRENCE	A two-digit alpha-numeric code indicating the method of bird deterrence recorded by a longline vessel.
DEFINITION	The method of bird deterrence recorded by a longline vessel: 0 = no streamer; 1 = paired streamer line; 2 = single streamer line; 3 = lining tube and/or line shooter; 4 = any combination of the above; 5 = buoy bag, bird bag, or other float device; 9 = no device used; 12 = bird streamer line; X = data not checked for 2003; N = observer did not check deterrence device.

Table Name: BIRD_DETER_VERIFIED

This table connects the VERIFIED code with its DEFINITION.

Column Name	Column Comments
VERIFIED	A one-digit numeric code indicating if the observer's observation concurred with the vessel's recorded deterrence method in the vessel logbook.
DEFINITION	1 = No, observer did not check the bird deterrence gear during the set, 2 = Yes, the observer checked, and concurred with the vessel s logbook record, 3 = Yes, the observer did check the bird deterrence gear, but the observer s observation did not concur with the vessel's logbook record.

Table Name: CATCHER_BOAT_CODES

This table joins the catcher_boat_adfg code from domestic_haul_v with the adfg_number to provide the coast_guard number, the vessel_name, and the length overall in feet (loa).

Column Name	Column Comments
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Table Name: CATCHER_BOAT_CODES

This table joins the catcher_boat_adfg code from domestic_haul_v with the adfg_number to provide the coast_guard number, the vessel_name, and the length overall in feet (loa).

Column Name	Column Comments
ADFG_NUMBER	This is the ADFG_NUMBER of the catcher vessel that delivers to a vessel carrying an observer.
COAST_GUARD	This is the COAST_GUARD number of the catcher vessel that delivers to a vessel carrying an observer.
VESSEL_NAME	This is the VESSEL_NAME of the catcher vessel that delivers to a vessel carrying an observer.
LOA	This is the length overall (in feet) of the catcher vessel that delivers to a vessel carrying an observer.

Table Name: CDQ_CODES

This table connects the CDQ_CODE with the CDQ_DEFINITION.

Column Name	Column Comments
CDQ_CODE	Beginning in 1995, contains a letter and the last two digits of CDQ number of the vessel, e.g., C51.
CDQ_DEFINITION	C51 - Aleutian Pribolof Island Community Development Association C52 - Bristol Bay Economic Development Corporation C53 - Central Bering Sea Fishermens Association C54 - Coastal Villages Fishing Cooperative C55 -Norton Sound Economic Development Corporation C56 - Yukon Delta Fisheries Development Association R10 - Research Permit - AFSC Catch Estimation M01 - Makah Tribe Whiting Association R11 - Research Permit - WA Sea Grant bird/longline interaction R12 - Research Permit - WA Sea Grant bird/longline interaction

Table Name: CRUISES

This is a table that joins the cruise number with the observer and the observer contract ID.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
DATE_OF_ENTRY	The date in which this entry was made.
SEABIRDS	During debriefing a record is entered in this table if an observer has seabird notes in their logbook. If an observer has seabird notes in their logbook the debriefer makes a photocopy of these notes and gives the photocopy to one particular staff member in charge of seabirds.
OBSERVER_JOIN	A unique number that identifies a specific observer.
OBSERVER_CONTRACT_ID	This is a number associated with an observer's specific 90-day contract.
DEPLOYMENT_DATE	This is the date in which the observer was deployed on their first vessel or plant for this contract.

Table Name: CRUISE_VESSEL

This table provides information about the fishing operation that was performed on this cruise_vessel trip.

Column Name	Column Comments
VHS_OHS	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable.
DATA_VERIFICATION_FLAG	A one digit code identifying whether data from this deployment has been verified or not, N = no; Y = yes.
DATA_MOVED_FLAG	A one digit code identifying whether data from this deployment has been moved to the database, N = no; Y = yes. No longer collected after 2007.
DATA_COLLECTED_FLAG	A one digit code identifying whether data was collected during this deployment, N = no; Y = yes, blank = deployment not yet completed.
TRIPS_JOIN	An assigned number (up to eight digits) that uniquely identifies each cruise_vessel trip.
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
DATE_OF_ENTRY	The date in which this entry was made.

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Table Name: CRUISE_VESSEL

This table provides information about the fishing operation that was performed on this cruise_vessel trip.

Column Name	Column Comments
VESSEL_TYPE	A one-digit numeric code that indicates whether the vessel processes fish or delivers it to a processing plant where: 1 = a catcher processor vessel, 2 = a mothership or a ship that receives unsorted codends from other vessels, 3 = a catcher only vessel that delivers unprocessed fish to a shoreside or floating plant or vessel, 4 = a mothership that receives sorted codends, 5 = a vessel that sells the majority of their catch over the side to other fishing vessels who will utilize the fish for bait, 6 = vessels that discard all catch from a haul; would be used for codend dumping of an entire haul (added January 2004).
GEAR_TYPE	A one- or two-digit numeric code that indicates the kind of fishing gear used by the vessel, where: 1 = non-pelagic trawl, 2 = pelagic trawl, 3 = unknown or mixed trawl, 4 = pair trawl, 5 = shrimp trawl, 6 = pot or trap, 7 = jig, 8 = longline, 9 = gill net, and 10 = Scottish seine.
FORM_A	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable.
FORM_1	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_2	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_3	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_3REP	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_7	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_9	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_10	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
FORM_11	A one digit code identifying whether data was collected for this form, N = no; Y = yes; blank = not applicable (other characters have no meaning).
CREW_COUNT	The number of crew members aboard the vessel.
CAPTAINS	Responses are: Yes; No; blank. Uncertain what this means.
CAPTAIN1_NAME	The name of the first captain during this deployment.
CAPTAIN1_FROM_DATE	The beginning date for the first captain.
CAPTAIN1_TO_DATE	The ending date for the first captain.
CAPTAIN2_NAME	The name of the second captain (if any) during this deployment.
CAPTAIN2_FROM_DATE	The beginning date for the second captain (if any).
CAPTAIN2_TO_DATE	The ending date for the second captain (if any).
DEPLOYMENT_SCORE	The score awarded the observer for this deployment, 0 = did not meet expectations, 1 = met or exceeded expectations, 2 = exceeded expectations (was used prior to 2007), 9 = could not evaluate due to sickness.
DATA_STATUS	Old two digit alpha codes formerly used to identify the current status of a cruise-vessel as it went through the data entry process.
JOB_NUMBER	An assigned number (up to six digits) that identifies a set of cruises sent to an outside vendor for keying (is no longer used).
ZERO_SAMPLED_HAULS_FLAG	Is no longer used.
WOC_FLAG	A one digit code (Y = yes; N = no) which indicates whether the cruise-vessel deployment operated off the Washington-Oregon-California coast or not.
GOA_FLAG	A one digit code (Y = yes; N = no) which indicates whether the cruise-vessel deployment operated in the Gulf of Alaska or not.
BSA_FLAG	A one digit code (Y = yes; N = no) which indicates whether the cruise-vessel deployment operated in the Bering Sea/Aleutian Islands or not.
MORE_CAPTAINS	Responses are: Y; N. Uncertain what this means.
DATE_OF_CHANGE	Date of the most recent change to the record.

Table Name: DOMESTIC_AGE

Age and biological data taken from individual fish.

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Table Name: DOMESTIC_AGE
Age and biological data taken from individual fish.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
HAUL_DATE	The date of gear retrieval in Alaska Local Time; for trawls, the date that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort or delivery to a plant or floating processor. This table does not include "no fishing" days.
SPECIES	A three-digit numeric code representing a marine species. This code is associated with species name in NORPAC.DOMESTIC_SPECIES (using the column name SPECIES_NO in place of SPECIES).
SEX	A one-digit alpha code indicating the sex of the organism: F = female, M = male, U = unknown.
SPECIMEN_TYPE	A one-digit numeric code which identifies the type of age structure(s) taken from the species: 1 = otoliths, 2 = scales, 3 = fin rays, 4 = otoliths and scales, 5 = otoliths and fin rays, 6 = scales and fin rays, 7 = otoliths, scales, and fin rays, 8 = maturity only, 9 = maturity and age structures.
SAMPLING_SYSTEM	A one-digit numeric code which identifies the sampling strategy employed by the observer: 1 = stratified random, 2 = random, 3 = systematic.
SPECIMEN_NUMBER	A unique number assigned to a single specimen within a collection.
LENGTH	The fork length in centimeters.
WEIGHT	The weight (to one-hundredth of a kilogram) of the individual fish from which the age structure (or maturity information) was taken.
FORM_7	A yes/no character field (Y = yes, N = no) which identifies whether or not a fish selected for the removal of age structures (or maturity information) was taken from a group of randomly selected fish recorded in the DOMESTIC_LENGTH or INSEASON_LENGTH table. Effective 1/1/1999, all age records were required to be a subsample of the length data, i.e., the value in the FORM_7 field in the age table was required to be 'Y'. Effective 1/1/2000, observers were no longer collecting data pertaining to the FORM_7 field. All age data were still required to be a subsample of the length data, but the FORM_7 field was null for all data of the year 2000 and later.
MATURITY_STAGE	A numeric code used to identify the developmental stage of gonads. The meaning of the maturity codes are largely unknown.
AGE	The age of the fish, recorded in years. Recorded by age readers following examination of the specimens in the age determination laboratory.
NOTES	For use by age readers.
REMARKS	For use by age readers.
SEQUENCE_NUMBER	For use by age readers.
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
PORT_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each delivery associated with port data. NORPAC.DOMESTIC_PORT.PORT_JOIN links a single delivery record to records in the domestic tables for data on port species composition, length, and age.
AGE_TRAY	For use by age readers.
AGE_TRAY_X	For use by age readers.
AGE_TRAY_Y	For use by age readers.
YEAR	A four-digit number identifying the year in which the gear retrieval of the haul began.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.

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Table Name: DOMESTIC_AGE
Age and biological data taken from individual fish.

Column Name	Column Comments
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.

Table Name: DOMESTIC_GEAR
Provides gear descriptions for each gear code.

Column Name	Column Comments
GEAR	A one or two-digit numeric code identifying each type of gear.
VP_GEAR	A subset of gears that are used for plant purposes only
AK_GEAR	A subset of gears that are used for management purposes.
GEAR_DESCRIPTION	A description of each type of gear.
GEAR_CATEGORY	A one-digit numeric code used to combine gear into category: 1 - trawl; 2 - longline; 3 - pot/trap; 4 - jig.

Table Name: DOMESTIC_HAUL
Information associated with unique fishing events of gear deployment and retrieval.

Column Name	Column Comments
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
HAUL_DATE	The date of gear retrieval in Alaska Local Time; for trawls, the date that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort. Additionally, a day in which a vessel was on grounds is occasionally recorded with a haul number of 0 (zero) if no codend, longline set, or pot group retrievals were begun.
GEAR_TYPE	A one- or two-digit numeric code that indicates the kind of fishing gear used by the vessel, where: 1 = non-pelagic trawl, 2 = pelagic trawl, 3 = unknown or mixed trawl, 4 = pair trawl, 5 = shrimp trawl, 6 = pot or trap, 7 = jig, 8 = longline, 9 = gill net, and 10 = Scottish seine.
PERFORMANCE	A one-digit numeric code that indicates how well the fishing device operated, where: 1 = no problem, 2 = crab pot in haul, 3 = net hung up, 4 = ripped net, 5 = an unspecified problem, 6 = groundline cut or lost one of following: codend, entire net, longline, jig, or pot gear, 7 = sea lion predation, 8 = killer whale predation, 9 = shortwiring.
VESSEL_TYPE	A one-digit numeric code that indicates whether the vessel processes fish or delivers it to a processing plant where: 1 = a catcher processor vessel, 2 = a mothership or a ship that receives unsorted codends from other vessels, 3 = a catcher only vessel that delivers unprocessed fish to a shoreside or floating plant or vessel, 4 = a mothership that receives sorted codends, 5 = a vessel that sells the majority of their catch over the side to other fishing vessels who will utilize the fish for bait, 6 = vessels that discard all catch from a haul. Would be used for codend dumping of an entire haul (added January 2004).
LOCATION	A one-digit alpha code that indicates what type of fishing activity occurred at the latitude and longitude recorded. R = the position of the vessel when the retrieval of the haul/set was completed, D = the position of the vessel when a delivery was completed to a mothership, N = the position of the vessel at noon (Alaska Local Time) on a day when no fishing took place and the vessel was not in port, S the position of the vessel when gear retrieval was begun and there was no other available information about the haul/set.
LATITUDE	A four-digit number recorded in degrees and minutes north. The geographical position where: the gear retrieval was completed, or, on days when no fishing occurred, the position of the vessel at noon (Alaska Local Time), or, for a mothership receiving a

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Table Name: DOMESTIC_HAUL

Information associated with unique fishing events of gear deployment and retrieval.

Column Name	Column Comments
	delivery, the delivery location.
LONGITUDE	A five-digit number recorded in degrees and minutes. The geographical position where the gear retrieval was completed, or, on days when no fishing occurred, the position of the vessel at noon (Alaska Local Time), or, for a mothership receiving a delivery, the delivery location.
GENERIC_AREA	A three-digit number representing NORPAC database management subareas which, in most cases, are similar to NPFMC management areas. This field was replaced by NMFS_AREA and was no longer stored after 2002.
DEPLOYMENT_DATE	The date and time of gear deployment in Alaska Local Time; for trawls, the time that the net reached fishing depth. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
DEPLOYMENT_LATITUDE	A four-digit number recorded in degrees and minutes north. The geographical position where the gear deployment occurred.
DEPLOYMENT_LONGITUDE	A five-digit number recorded in degrees and minutes north. The geographical position where the gear deployment occurred.
FISHING_DEPTH	Not recorded for longliners or pot vessels, this is the average fishing depth at which fishing took place, in fathoms, prior to 2004. Starting in 2004, units can be in fathoms or meters, indicated by the field, FISHING_DEPTH_F_M. If a data user would like to compare pre-2004 depth data to post-2003 depth data, they could use only the fishing_depth_fathoms columns for post-2003 data to ensure that they are always looking at data in fathoms.
BOTTOM_DEPTH	The average of the lowest points on the ocean floor where fishing took place. This is the only depth recorded for longline or pot vessels. Unit of measure was fathoms prior to 2004. Starting in 2004, units can be in fathoms or meters, indicated by the field, BOTTOM_DEPTH_F_M. If a data user would like to compare pre-2004 depth data to post-2003 depth data, they could use only the bottom_depth_fathoms columns for post-2003 data to ensure that they are always looking at data in fathoms.
VESSEL_ESTIMATE	Beginning in 1995, the estimate of the catch entered by the officers of the ship in the NMFS fishing log of the vessel, recorded to one-hundredth of a metric ton.
OFFICIAL_TOTAL_CATCH	Total catch weight for the set or haul, including both retained and discarded species, and recorded to the nearest one-hundredth of a metric ton.
OBSERVER_ESTIMATE	Estimate of total catch for the set or haul made by the observer, recorded to the nearest one-hundredth of a metric ton.
OBSERVER_ESTIMATE_METHOD	Beginning in 1995, a one-digit alpha code identifying whether the volumetric estimate was performed using a bin volume (B) or a codend volume (C).
DENSITY	Beginning in 1995, the density used in the calculation of the total catch estimate by the observer, in metric tons per cubic meter, carried to two decimal places.
SKATES_IN_SET	The number of skates in a set.
HOOKS_PER_SKATE	The average number of hooks in a skate.
TOTAL_HOOKS_POTS	For longliners, this is the total number of hooks in the set. For pot vessels, this is the total number of pots in a set, i.e., the number of pots or group of pots in the set that were retrieved. For jig boats, this is the number of jig machines being used.
HAUL_SAMPLED_BY	A numeric code indicating which observer sampled a haul: 0 = not sampled, 9 = sampled by unknown. In addition, in years 2000 through 2003, primary and secondary observers were differentiated: 1 = sampled by lone or lead observer, 2 = sampled by second observer. Beginning part way through 2003, the sampling observer's cruise number was entered for each sampled haul.
RANDOM_SAMPLE_TABLE	A one-digit alpha code indicating if the haul was supposed to be sampled according to the sampling table: n = off haul, y = on haul, x = table not used.
RANDOM_BREAK_TABLE	A one-digit alpha code indicating if the haul was supposed to be sampled according to the break table: y = on break table, n = off break table or not using the table.
MM_PERCENT_MONITORED	A three-digit numeric code identifying the percentage of the codend (trawlers only), or of the set (longliners only), that was monitored for marine mammals, beginning in 1992.
MM_MONITORED_RANDOM	A one-digit alpha code, N = the haul was not randomly monitored for marine mammals, Y = the haul was randomly monitored for marine mammals.
BIRD_DETERRENCE	An alpha-numeric code indicating the method of bird deterrence recorded by a longline vessel: 0 = no streamer; 1 = paired streamer line; 2 = single streamer line; 3 = lining tube and/or line shooter; 4 = any combination of the above; 5 = buoy bag, bird bag, or other float device; 9 = no device used; 12 = bird streamer line; x = data not checked for 2003; n

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Table Name: DOMESTIC_HAUL

Information associated with unique fishing events of gear deployment and retrieval.

Column Name	Column Comments
BIRD_VERIFICATION	= observer did not check deterrence device. A one-digit numeric code indicating if the observer's observation concurred with the vessel's recorded deterrence method in the vessel logbook: 1 = No, observer did not check the bird deterrence gear during the set, 2 = Yes, the observer checked, and concurred with the vessel s logbook record, 3 = Yes, the observer did check the deterrence gear, but the observer s observation did not concur with the vessel's logbook record.
IFQ	A Y/N value indicating whether the haul or set was designated a halibut or sablefish IFQ haul.
CDQ_CODE	Beginning in 1995, contains a letter and the last two digits of the CDQ number of the vessel, e.g., C51.
CATCHER_BOAT_ADFG	If a vessel carrying an observer receives a delivery from another vessel, this field contains the Alaska Department of Fish and Game (ADF&G) vessel code number of the delivering vessel.
PERMIT	Beginning in 1997, the last four digits of the Alaskan permit number of the vessel.
PROCESSOR	Beginning in 1997, the processor code of the vessel. NORPAC.PROCESSOR provides the definitions.
FISHING_START_DATE	The date a catcher boat made the first tow of a trip.
DURATION	For longline or pot vessels, the time interval from the time that the first part of the line/pot-group was set until the time that the last of the line/pot-group was retrieved (also known as soak time). For trawlers, duration is the length of time during which the net was at fishing level. Duration is usually the difference between the DEPLOYMENT_DATE time and the RETRIEVAL_DATE time, but in some cases, if the vessel lowered and raised the net several times during one haul, the duration can be less than the difference. Recorded in minutes for all vessels.
YEAR	A four-digit number identifying the year in which the gear retrieval of the haul began or in which the noon position occurred.
DATE_OF_ENTRY	Date that data entered the database system.
ADFG_AREA	Collected prior to 1995, a six-digit ADFG statistical area for the recorded position.
SPEED	Average towing speed of the vessel during the tow, recorded to the tenth of a knot. Recorded from the vessel logbook.
RETAINED_CATCH	Collected prior to 1994, the amount of catch (in metric tons), that was retained by the vessel, recorded to the nearest one-hundredth of a metric ton. Retained means the weight of catch, in round weight equivalents, that was not discarded by the vessel.
RETRIEVAL_DATE	The date and time of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
SHAPE	Geographical Information System (GIS) format for storing the location information of the gear retrieval location. The nontopological geometry and attribute information for the location of the haul/set is stored as a shape comprising a set of vector coordinates. This file format is used in ArcView software.
NMFS_AREA	A three-digit number representing statistical and reporting areas used by National Marine Fisheries Service.
LATDD_START	The decimal equivalent of 'deployment_latitude', the geographical location of the gear deployment described above.
LATDD_END	The decimal equivalent of 'latitude', the geographical location of the gear retrieval described above.
LONDD_START	The decimal equivalent of 'deployment_longitude', the geographical location of the gear deployment described above.
LONDD_END	The decimal equivalent of 'longitude', the geographical location of the gear retrieval described above.
COBLZ_AREA	A yes/no field (Y = yes, N = no) indicating whether or not the gear retrieval location was within the Bering Sea and Aleutian Islands region's Chionoecetes opilio Crab Bycatch Limitation Zone (COBLZ). The COBLZ is an area defined as that portion of the Bering Sea Subarea north of 56N30' N. lat. that is west of a line connecting the following coordinates in the order listed: 56N 30' N. lat. 165N 00' W. long. 58N 00' N. lat. 165N 00' W. long. 59N 30' N. lat. 170N 00' W. long. and north along 170N 00' W. long. to its intersection with the U.S.-Russia Boundary.

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Table Name: DOMESTIC_HAUL
Information associated with unique fishing events of gear deployment and retrieval.

Column Name	Column Comments
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.
SEABIRD_SAMPLE_TYPE	A one-digit alpha code reflecting the sample size used to look for seabirds in a trawl haul: W: Whole haul sampled for seabirds. P: Partial haul sampled for seabirds. B: Basket sampled for seabirds. This column is blank for unsampled hauls.
E_W	A one-digit alpha code reflecting the raw data longitude of the gear retrieval location, whether east (E) or west (W) of 180 degrees longitude.
DEPLOYMENT_E_W	A one-digit alpha code reflecting the raw data longitude of the gear deployment location, whether east (E) or west (W) of 180 degrees longitude.
FISHING_DEPTH_F_M	A one-digit alpha code reflecting the units of fishing depth; 'F' for fathoms, 'M' for meters.
LONGITUDE_CONVERTED	A five-digit number recorded in degrees and minutes. For a longitude east (E) of the 0 degree longitude, the longitude is subtracted from 359 degrees 60 minutes. Value is always positive. For example, if the longitude is 174 degrees, 46 minutes E, then the longitude_converted = (359 degrees, 60 minutes) - (174 degrees, 46 minutes) = 185 degrees, 14 minutes.
DEPLOYMENT_LONGITUDE_CONVERTED	A five-digit number recorded in degrees and minutes. For a deployment_longitude east (E) of the 0 degree longitude, the longitude is subtracted from 359 degrees 60 minutes. Value is always positive. For example, if the deployment_longitude is 174 degrees, 46 minutes E, then the longitude_converted = (359 degrees, 60 minutes) - (174 degrees, 46 minutes) = 185 degrees, 14 minutes.
FISHING_DEPTH_FATHOMS	Not recorded for longliners or pot vessels. It should be noted that if the observer recorded the fishing_depth in meters, the fishing_depth was converted to fathoms by the database and stored in this column. Therefore, if a data user would like to compare pre-2004 depth data (which is only in fathoms) to post-2003 depth data (which is in fathoms or meters), they could use only the fishing_depth_fathoms column for post-2003 data to ensure that they are always looking at data in fathoms.
BOTTOM_DEPTH_FATHOMS	BOTTOM_DEPTH and BOTTOM_DEPTH_FATHOMS are the only depths recorded for longliners and pot vessels. It should be noted that if the observer recorded the bottom_depth in meters, the bottom_depth was converted to fathoms by the database and stored in the BOTTOM_DEPTH_FATHOMS column. Therefore, if a data user would like to compare pre-2004 depth data (which is only in fathoms) to post-2003 depth data (which is in fathoms or meters), they could use only the bottom_depth_fathoms column for post-2003 data to ensure that they are always looking at data in fathoms.
SEQUENCE_NUMBER	A generated field for internal use only.

Table Name: DOMESTIC_HAUL_V
This view contains information associated with unique fishing events of gear deployment and retrieval. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_HAUL table.

Column Name	Column Comments
COBLZ_AREA	
LATDD_START	
LATDD_END	
LONDD_START	
LONDD_END	
HAUL_JOIN	
CRUISE	
VESSEL	
HAUL_DATE	
HAUL	

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_HAUL_V

This view contains information associated with unique fishing events of gear deployment and retrieval. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_HAUL table.

Column Name	Column Comments
GEAR_TYPE	
PERFORMANCE	
VESSEL_TYPE	
LOCATION	
LATITUDE	
LONGITUDE	
LONGITUDE_CONVERTED	
E_W	
DEPLOYMENT_DATE	
DEPLOYMENT_LATITUDE	
DEPLOYMENT_LONGITUDE_CONVERTED	
DEPLOYMENT_E_W	
FISHING_DEPTH_FATHOMS	
BOTTOM_DEPTH_FATHOMS	
VESSEL_ESTIMATE	
OFFICIAL_TOTAL_CATCH	
OBSERVER_ESTIMATE	
OBSERVER_ESTIMATE_METHOD	
DENSITY	
SKATES_IN_SET	
HOOKS_PER_SKATE	
TOTAL_HOOKS_POTS	
HAUL_SAMPLED_BY	
RANDOM_SAMPLE_TABLE	
RANDOM_BREAK_TABLE	
MM_PERCENT_MONITORED	
MM_MONITORED_RANDOM	
BIRD_DETERRENCE	
BIRD_VERIFICATION	
IFQ	
CDQ_CODE	
CATCHER_BOAT_ADFG	
PERMIT	
PROCESSOR	
FISHING_START_DATE	
DURATION	
YEAR	
DATE_OF_ENTRY	
ADFG_AREA	
SPEED	
RETAINED_CATCH	
RETRIEVAL_DATE	

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_HAUL_V
This view contains information associated with unique fishing events of gear deployment and retrieval. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_HAUL table.

Column Name	Column Comments
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GENERIC_AREA

NMFS_AREA

Table Name: DOMESTIC_LATLONG
This view allows for the conversion of a 4 digit latitude and/or a 5 digit longitude into decimal degrees to six places. Longitudes East of 180 degrees W are negative. It also contains a 3 digit area associated with a given latitude and longitude. DLONG - The decimal equivalent of 'longitude'. Longitudes East of 180 degrees W are negative. DLAT - The decimal equivalent of 'deployment_latitude'. LATITUDE - A four-digit number recorded in degrees and minutes north. The geographical position where the gear retrieval began, or, on days when no fishing occurred, the position of the vessel at noon (Alaska Local Time), or, for a mothership receiving a delivery, the delivery location. LONGITUDE - A five-digit number recorded in degrees and minutes. The geographical position where the gear retrieval began, or, on days when no fishing occurred, the position of the vessel at noon (Alaska Local Time), or, for a mothership receiving a delivery, the delivery location. AREA - A three-digit number representing statistical and reporting areas used by National Marine Fisheries Service.

Column Name	Column Comments
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DLONG

DLAT

LATITUDE

LONGITUDE

AREA

Table Name: DOMESTIC_LENGTH
This table contains information from measured fish and crab.

Column Name	Column Comments
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CRUISE
A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.

VESSEL
A unique, four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.

HAUL_DATE
The date of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).

HAUL
A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort or delivery to a plant or floating processor. This table does not include "no fishing" days.

SPECIES
A three-digit numeric code representing a marine species. This code is associated with species name in NORPAC.DOMESTIC_SPECIES (using the column name SPECIES_NO in place of SPECIES).

SEX
A one-digit alpha code indicating the sex of the organism. F = female, M = male, U = unknown.

LENGTH
A length measurement group for a species and sex. For fish, the fork length in centimeters. For crabs, the carapace width (Tanner crab) or carapace length (king crab) to the nearest 5 mm interval, ending in a 3 or an 8.

FREQUENCY
The number of individuals in the species, sex, and length group for the haul/set.

EGGS
Beginning in 1997, a one-digit alpha code used only for female crabs. N = female crabs not carrying eggs, Y = female crabs carrying eggs, U = unknown.

VIABILITY
Condition of halibut: E = excellent, P = poor, D = dead, U = unknown. Longline data included up to 1999. Since 2000, longline data recorded in the Injury column.

INJURY
Condition of halibut on longline vessels: 1 = minor, 2 = moderate, 3 = severe, 4 = sand fleas/bleeding. Data series began in 2000.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_LENGTH

This table contains information from measured fish and crab.

Column Name	Column Comments
HAUL_JOIN	For vessel data only (not plant data). An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
PORT_JOIN	For plant data only, an assigned, unique number (up to 9 digits) that uniquely identifies each delivery associated with port data. NORPAC.DOMESTIC_PORT.PORT_JOIN links a single delivery record to records in the domestic tables for data on port species composition, length, and age.
SEQUENCE_NUMBER	A generated field for internal use only.
YEAR	A four-digit number identifying the year in which the gear retrieval of the haul began.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.

Table Name: DOMESTIC_LOCATIONS

This table provides a definition for each location_id code.

Column Name	Column Comments
LOCATION_ID	A one-digit alpha code that indicates what type of fishing activity occurred at the latitude and longitude recorded.
LOCATION_DESCRIPTION	R = the position of the vessel when the retrieval of the haul/set began, D = the position of the vessel when a delivery was completed to a mothership, N = the position of the vessel at noon (Alaska Local Time) on a day when no fishing took place and the vessel was not in port, S = the position of the vessel when gear reached fishing depth and there was no other available information about the haul/set.

Table Name: DOMESTIC_MAMMAL

This table contains information associated with the catch of marine mammals.

Column Name	Column Comments
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
HAUL_DATE	The date of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYYYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort. This table does not include "no fishing" days.
MM_SPECIES	A two-digit alpha code representing a marine mammal species. NORPAC.MAMMAL_CODES provides the definitions.
INTERACTION_NUMBER	An observer-assigned number for each marine mammal interaction noted for a particular cruise/vessel. The first interaction is assigned the number 1 and consecutive numbers to the following interactions. Each interaction must have a different code even if the interaction is by the same individual mammal. For example, two separate records, interaction codes, and interaction numbers would be documented for an animal that was feeding on catch and then was deterred by the vessel.
MM_INTERACTION	A two-digit numeric code identifying what type of interaction occurred and (if known) the viability of the marine mammal after the interaction. NORPAC.MAMMAL_INTERACTION

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_MAMMAL

This table contains information associated with the catch of marine mammals.

Column Name	Column Comments
	provides the definitions.
MM_NUMBER	The number of marine mammals of that particular species that were involved in the interaction.
MM_CONDITION	A one-digit numeric code identifying the condition of the marine mammal after the interaction. NORPAC.MAMMAL_CONDITION provides the definitions: 1 = Carcass, dead animal; 2 = Bones other than the skull; 3 = Live animal; 4 = Skull; 5 = Skull and bones; 6 = Tusk/teeth only (no skull); 7 = Baleen only; 9 = Fur, Flesh, or Skin.
MM_OBSERVED	A one-digit alpha code. 'Y' indicates that the observer actually saw the marine mammal or interaction. 'N' indicates that the observer was informed about the interaction by a crew member.
MM_VERIFIED	A one-digit alpha code indicating whether or not the species of marine mammal has been verified by staff from the National Marine Mammal Laboratory, began in 1993. Y = Yes; N = No.
INJURED	A one-digit alpha code indicating whether or not a marine mammal was injured, where: Y = Yes; N = No; and U = Unknown.
DETERRENCE_METHOD	A one-digit number indicating the method of marine mammal deterrence employed. NORPAC.MAMMAL_DETERRENCE provides the definitions: 1 = Seal bombs; 2 = Pole gaff; 3 = Skiff; 4 = Acoustical device; 5 = Yelling; 6 = Making noise; 7 = Other means; 8 = Unknown.
DETERRENCE_SUCCESSFUL	A one-digit alpha code indicating whether or not deterrence was successful, where: Y = Yes; N = No; and U = Unknown.
FOOD_SPECIES	A three-digit numeric code identifying the food species of a feeding marine mammal (MM_INTERACTION = 10). This data was first collected during 1999.
ANOTHER_TRANSACTION_YEAR	For Observer Program internal use only.
IN_MONITORED_Y_N	A four-digit number identifying the year in which the gear retrieval of the haul began.
COMMENTS	A one-digit alpha code indicating whether or not the mammal was observed in the monitored segment of a longline or pot set for which only a segment of the set is monitored, where: Y = Yes; N = No.
DATE_OF_ENTRY	Comments about the interaction from the observer and from the staff from the National Marine Mammal Laboratory.
LAST_EDITOR	Date that data entered the database system.
SEQUENCE_NUMBER	Observer program editor who last made changes to the record.
ANOTHER_INTERACTION	For Observer program internal use only.
CREATE_DATE	A one-digit alpha code indicating whether or not the marine mammal was involved in another interaction, where: Y = Yes; N = No; and U = Unknown. Contains information on individual marine mammals involved in interactions.
CREATED_BY	Date record was inputted into database.
LAST_UPDATE_DATE	Person who loaded data into database.
LAST_UPDATED_BY	Date data record was last altered. First entered in December 2003.
ATLAS_VERSION	Person who last altered data record. First entered in December 2003.
	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.

Table Name: DOMESTIC_MAMMAL_SPECIMEN

This table contains specimen information associated with the catch of marine mammals.

Column Name	Column Comments
AGE	Age (in years) of pinniped involved in the interaction, determined by the National Marine Mammal Laboratory from teeth collected by observers.
AGE_AVERAGED	A one-digit alpha code indicating whether the age was estimated (Y) or precise (N) based on the difficulty of identifying and enumerating the annual growth lines in the tooth structure.
COMMENTS	Comments about this individual marine mammal interaction from the observer and from the staff from the National Marine Mammal Laboratory.
DATE_OF_ENTRY	Date that data entered the database system.
LAST_EDITOR	Observer program editor who last made changes to the record.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_MAMMAL_SPECIMEN

This table contains specimen information associated with the catch of marine mammals.

Column Name	Column Comments
SEQUENCE_NUMBER	For use by National Marine Mammal Laboratory.
YEAR	A four-digit number identifying the year in which the gear retrieval of the haul began.
MM_INTERACTION	A two-digit numeric code identifying what type of interaction occurred and (when known) the viability of the marine mammal after the interaction. NORPAC.MAMMAL_INTERACTION provides the definitions.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
HAUL_DATE	The date of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort. This table does not include "no fishing" days.
MM_SPECIES	A two-digit alpha code representing a marine mammal species. NORPAC.MAMMAL_CODES provides the definitions.
SEX	A one-digit alpha code indicating the sex of one of the individual marine mammals of a particular species involved in the interaction: M = male, F = female, U = unknown.
SPECIMEN_NUMBER	A unique number assigned to identify a single specimen within the group of marine mammals of a particular species involved in the interaction.
INTERACTION_NUMBER	An observer-assigned number for each marine mammal interaction noted for a particular cruise/vessel. The first interaction is assigned the number 1 and consecutive numbers to the following interactions. Each interaction must have a different code even if the interaction is by the same individual mammal. For example, two separate records, interaction codes, and interaction numbers would be documented for an animal that was feeding on catch and then was deterred by the vessel.
STANDARD_LENGTH	A standard length (cm) measurement taken on pinnipeds, i.e., the straight-line distance from the snout to the tip of the tail flesh.
CURVILINEAR_LENGTH	A curvilinear length measurement in cm that can be taken on all marine mammals, i.e., the shortest surface distance from the snout to the tip of the tail flesh on the unskinned body.
TOOTH_TAKEN	A one-digit alpha code indicating whether or not the observer was able to collect a tooth or snout from the marine mammal, where: Y = Yes; N = No.
PHOTO_TAKEN	A one-digit alpha code indicating whether or not the observer took a photo of the marine mammal, where: Y = Yes; N = No.
TISSUE	A one-digit alpha code indicating whether or not a tissue sample was taken from the marine mammal, where: Y = Yes; N = No.

Table Name: DOMESTIC_MAMMAL_SPECIMEN_V

This view contains specimen information associated with the catch of marine mammals. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_MAMMAL_SPECIMEN table.

Column Name	Column Comments
HAUL_JOIN	
CRUISE	

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_MAMMAL_SPECIMEN_V

This view contains specimen information associated with the catch of marine mammals. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_MAMMAL_SPECIMEN table.

Column Name	Column Comments
VESSEL	
HAUL_DATE	
HAUL	
MM_SPECIES	
SEX	
SPECIMEN_NUMBER	
INTERACTION_NUMBER	
STANDARD_LENGTH	
CURVILINEAR_LENGTH	
TOOTH_TAKEN	
PHOTO_TAKEN	
TISSUE	
AGE	
AGE_AVERAGED	
COMMENTS	
DATE_OF_ENTRY	
LAST_EDITOR	
SEQUENCE_NUMBER	
YEAR	
MM_INTERACTION	

Table Name: DOMESTIC_PORT

This table contains information associated with port deliveries.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique, four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
DELIVERY_DATE	The date of delivery in Alaska Local Time. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00). This is the date of completion of the delivery to the processing plant. If the delivery continues over two or more days, use the date when the delivery is complete. This delivery date is entered as the haul_date in the NORPAC.DOMESTIC_LENGTH and the NORPAC.DOMESTIC_AGE tables even if the actual collection of lengths or age data was on a different date. This date should coincide with the one used in the NMFS processor logbook and on the fish ticket.
DELIVERY	A unique number which identifies a specific delivery made by a vessel. A day in which no deliveries occurred is recorded with a delivery number of 0 (zero).
GEAR_TYPE	A one- or two-digit numeric code that indicates the kind of fishing device used by the vessel, where: 1 = non-pelagic trawl, 2 = pelagic trawl, 3 = unknown or mixed trawl, 4 = pair trawl, 5 = shrimp trawl, 6 = pot or trap, 7 = jig, 8 = longline, 9 = gill net, and 10 = Scottish seine.
NMFS_AREA_CODE	A three-digit numeric code that represents the marine management subarea where the majority of the delivery was caught. A subarea is a portion of the Alaska region or the Washington-Oregon-California region monitored by the National Marine Fisheries Service.
TOTAL_DELIVERED	The total weight of fish in a specific delivery (delivery weight), in either metric tons (to the nearest 1/1000th of a metric ton) or in whole pounds. When cut or bled fish are delivered, the round weight must be used.
DELIVERING_VESSEL	A five-digit numeric code identifying the vessel which caught and/or delivered fish to the

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_PORT

This table contains information associated with port deliveries.

Column Name	Column Comments
FISH_TICKET_NO	plant or floating processor. This code is either the ADF&G identification code for the vessel, if it has one, or its U.S. Coast Guard number. Beginning in 1997, a ten-digit alpha-numeric field which contains the fish ticket number assigned to the delivery by plant personnel and used by the state of Alaska to identify catch made by the delivering vessel.
SEQUENCE_NUMBER	A generated field for internal use only.
PORT_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each delivery associated with port data. NORPAC.DOMESTIC_PORT.PORT_JOIN links a single delivery record to records in the domestic tables for data on port species composition, length, and age.
YEAR	A four-digit number identifying the year in which the gear delivery was completed or a day in which no deliveries occurred.
NO_OF_TOWS	For trawl vessels, the number of tows or hauls that were made to catch the delivery weight. For longline or pot vessels, the number of sets that were made to catch the delivery weight.
AVG_DURATION	The average length of time in minutes of each tow associated with the delivery.
DATE_OF_ENTRY	Date that data entered the database system.
GROUNDFISH_WEIGHED	A one-digit alpha code indicating whether all groundfish delivered to plant was actually weighted, where Y = Yes; N = No; U = Unknown.
FISHING_START_DATE	The date a catcher boat made the first tow of a trip.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
TOTAL_POLLOCK_WEIGHT	Data first collected in 2004. Plant observers complete this column if 1) their plant is: Alyeska, Westward, Unisea, Trident Seafoods (Akutan), Arctic Enterprise, Northern Victor or Peter Pan Seafoods (King Cove); 2) the Gear code is pelagic trawl ('2'); and 3) all pollock are from the Bering Sea. The total weight of all pollock in that delivery is recorded here in either metric tons (to the nearest 1/1000th of a metric ton) or in whole pounds. When cut or bled fish are delivered, the round weight must be used.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.
TOTAL_DELIVERED_MT	The total round weight delivered (including pollock) to the plant for that trip. The weight is in metric tons recorded to the nearest 1/1000th of a metric ton. When cut or bled fish are delivered, the round weight must be used.
TOTAL_POLLOCK_WEIGHT_MT	Total pollock weight converted to metric tons (to the nearest 1/1000th of a metric ton).
MT_LB	Indicates units of measurement of the total delivered weight (metric tons = 'MT', or pounds = 'LB').

Table Name: DOMESTIC_PORT_SPCOMP

This table contains information associated with pollock weights within port deliveries. Only in use 1987-1998.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
DT	The date of delivery in Alaska Local Time. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00). This is the date of completion of the delivery to the processing plant. If the delivery continues over two or more days, use the date when the delivery is complete. This delivery date is entered as the haul_date in the NORPAC.DOMESTIC_LENGTH and the NORPAC.DOMESTIC_AGE tables even if the actual collection of lengths or age data was on a different date. This date should coincide with the one used in the NMFS processor logbook and on the fish ticket.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_PORT_SPCOMP

This table contains information associated with pollock weights within port deliveries. Only in use 1987-1998.

Column Name	Column Comments
DELIVERY	A unique number which identifies a specific delivery made by a vessel to the port. A day in which no deliveries occurred is recorded with a delivery number of 0 (zero).
SPECIES	A three-digit numeric code representing a marine species. This code is associated with species name in NORPAC.DOMESTIC_SPECIES (using the column name SPECIES_NO in place of SPECIES).
MAIN_PRODUCT	A two-digit numeric code used to identify the type of product into which the majority of the sampled fish were made.
DATA_SORTED	A one-digit alpha code indicating whether or not the target fish were sorted by size prior to delivery, where: Y = Yes; N = No; null = Unknown.
SAMPLE_DISCARDED	The weight (MT) of fish that were discarded at sea before the delivery was made.
SAMPLE_DELIVERED	The weight (MT) of fish that were delivered.
WSD_MT_LB	Indicates units of measurement of the total delivered weight (metric tons = 'MT', pounds = 'LB').
YR	A four-digit number identifying the year in which the gear delivery was completed or a day in which no deliveries occurred.
PORT_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each delivery associated with port data. NORPAC.DOMESTIC_PORT.PORT_JOIN links a single delivery record to records in the domestic tables for data on port species composition, length, and age.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.

Table Name: DOMESTIC_SPCOMP

This view provides species composition data from samples taken from individual hauls. The comments for each column are found in the comments for the same columns in the NORPAC.DOMESTIC_SPCOMP_DETAIL table.

Column Name	Column Comments
CRUISE	
VESSEL	
HAUL_DATE	
HAUL	
SEX	
SPECIES	
SAMPLE_TYPE	
SAMPLE_NUMBER	
SAMPLE_SIZE	
SAMPLE_WEIGHT	
EXTRAPOLATED_WEIGHT	
EXTRAPOLATED_NUMBER	
PERCENT_RETAINED	
YEAR	
HAUL_JOIN	
DATE_OF_ENTRY	
ALLOCATED_SAMPLE_WEIGHT	

Table Name: DOMESTIC_SPCOMP_DETAIL

Species composition data from samples taken from individual hauls. Multiple weights and

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_SPCOMP_DETAIL

Species composition data from samples taken from individual hauls. Multiple weights and numbers of the same species within the same haul are kept separate instead of summed up into a single weight and a single count as is done in norpac.domestic_spcomp.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
HAUL_DATE	The date of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort. This table does not include "no fishing" days.
SPECIES	A three-digit numeric code representing a marine species. This code is associated with species name in NORPAC.DOMESTIC_SPECIES (using the column name SPECIES_NO in place of SPECIES).
SEX	A one-digit alpha code indicating the sex of the organism. F = female, M = male, U = unknown.
SAMPLE_TYPE	A one-digit alpha code which identifies the type of sample taken: B = basket, L = longline, P = partial haul, Q = second partial haul (only used 1990, 1997, 1998), T = trap/pot, W = whole haul, X = pre-sorted (started 1999), and O = other (only used 1989-1990).
SAMPLE_SIZE	The weight (to the hundredth of a kg) of the entire sample.
SAMPLE_NUMBER	The number (count) of the organism in the sample.
SAMPLE_WEIGHT	The weight (to the hundredth of a kg) of the organism in the sample.
PERCENT_RETAINED	Estimate of the percentage (by weight) of the species that was retained for processing, began in 1997.
EXTRAPOLATED_NUMBER	Extrapolated number (count) of the organism to the entire haul.
EXTRAPOLATED_WEIGHT	The weight (to the hundredth of a kg) of the organism extrapolated to the entire haul.
ALLOCATED_SAMPLE_WEIGHT	The amount (weight) of the sample_weight made up of allocated species.
SEQUENCE_NUMBER	A generated field for internal use only.
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
YEAR	A four-digit number identifying the year in which the gear retrieval of the haul began.
DATE_OF_ENTRY	Date that data entered the database system.
CREATE_DATE	Date record was inputted into database.
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.
ATLAS_VERSION	Version number of the 'at-sea' software used for data input and transmission. First entered in 2004.

Table Name: DOMESTIC_SPECIES

A table which provides all of the three-digit numeric codes assigned by the NMFS Observer Program, complete with their common name, scientific name, associated RACE Division species code, and the maximum and minimum weights and lengths typically reported by observers.

Column Name	Column Comments
SPECIES_NO	A three-digit numeric code assigned by the NMFS Observer Program to each different marine organism expected to be seen in the Bering Sea and northeast Pacific Ocean. Each number is uniquely associated with a SPECIES_NAME and a SCIENTIFIC_NAME.
SPECIES_NAME	The common name of the marine organism.
PROHIB	A one-digit alpha code indicating whether the species is allowed to be retained in the

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_SPECIES

A table which provides all of the three-digit numeric codes assigned by the NMFS Observer Program, complete with their common name, scientific name, associated RACE Division species code, and the maximum and minimum weights and lengths typically reported by observers.

Column Name	Column Comments
GENKEY	Alaska groundfish fishery and the West Coast Pacific whiting fishery, where: Y = Yes; N = No. The prohibited species grouping associated with the SPECIES_NAME. This field is NULL unless PROHIB = "Y". The groupings are: HALIBUT, KINGCRAB, OTHCRAB, SALMON.
RACE_SPECIE_NUM	A 5-digit numeric code assigned by the RACE division that is associated with the SPECIES_NAME
SCIENTIFIC_NAME	The scientific name associated with the common SPECIES_NAME.
MAX_WT	The maximum weight expected for an individual of this species. This value comes from several sources, the primary one being the NORPAC.DOMESTIC_SPCOMP_DETAIL table.
MIN_WT	The minimum weight expected for an individual of this species. This value comes from several sources, the primary one being the NORPAC.DOMESTIC_SPCOMP_DETAIL table.
MAX_LEN	The maximum length expected for an individual of this species. This value comes from several sources, the primary one being the NORPAC_DOMESTIC_LENGTH table.
MIN_LEN	The minimum length expected for an individual of this species. This value comes from several sources, the primary one being the NORPAC.DOMESTIC_LENGTH table.
NICKNAME	Nickname is the same as the common SPECIES_NAME.
AGGREGATION	Indicates species aggregation and possible species_no in the aggregation.
AGE_TRAY	For internal use by Age Determination Unit.
AGE_TRAY_X	For internal use by Age Determination Unit.
AGE_TRAY_Y	For internal use by Age Determination Unit.
AGE_TRAY_GOA	For internal use by Age Determination Unit.
AGE_TRAY_GOA_X	For internal use by Age Determination Unit.
AGE_TRAY_GOA_Y	For internal use by Age Determination Unit.

Table Name: DOMESTIC_VESSEL_TYPE

This table provides a definition for each vessel_type code.

Column Name	Column Comments
VESSEL_TYPE	A one or two-digit numeric code that indicates whether the vessel processes fish or delivers it to a processing plant where: 1 = a catcher processor vessel, 2 = a mothership or a ship that receives unsorted codends from other vessels, 3 = a catcher only vessel that delivers unprocessed fish to a shoreside or floating plant or vessel, 4 = a mothership that receives sorted codends, = a vessel that sells the majority of their catch over the side to other fishing vessels who will utilize the fish for bait, 6 = vessels that discard all catch from a haul. Would be used for codend dumping of an entire haul (added January 2004). The vessel_type values greater than 6 are not found in NORPAC.DOMESTIC_HAUL or NORPAC.DOMESTIC_HAUL_V. These are defined in the VESSEL_TYPE_DESC column.
VP_VESSEL_TYPE	A one or two-digit alpha code. CP = catcher processor vessel, M = mothership or ship that receives unsorted codends from other vessels, C = catcher only vessel that delivers unprocessed fish, F = floating plant, P = shoreside plant, T = tender, S = support vessel.
VESSEL_TYPE_DESC	Descriptions associated with the vessel_type code. 1 = a catcher processor vessel, 2 = a mothership or a ship that receives unsorted codends from other vessels, 3 = a catcher only vessel that delivers unprocessed fish to a shoreside or floating plant or vessel, 4 = a mothership that receives sorted codends, 5 = a vessel that sells the majority of their catch over the side to other fishing vessels who will utilize the fish for bait, 6 = vessels that discard all catch from a haul (would be used for codend dumping of an entire haul [added January 2004]). 12 = a vessel that acts both as a catcher processor and a mothership, 13 = a vessel that acts both as a catcher vessel and a catcher processor, 90 = floating plant, 91 = floater and a catcher processor, 92 = floater and a mothership, 93 = floater, catcher processor and a mothership, 94 = shoreside plant, 95 = tender, 96 = support vessel, 0 = unknown vessel type.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: DOMESTIC_VIABILITY

This table contains viability information from prohibited species, 1986-1994.

Column Name	Column Comments
CRUISE	A unique five-digit number assigned to the observer for the length of their contract period. This number alone identifies and groups a set of observer information.
VESSEL	A unique four-digit, alpha-numeric code identifying each vessel that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
DT	The date of gear retrieval in Alaska Local Time; for trawls, the time that the retrieval of the net began, i.e., when the winding of the cables began, and the net left the fishing level. Format is stored in the database as DD-MON-YY format (i.e., 15-MAR-96), and displayed as YYMMDD HH:MI:SS (i.e., 960315 00:00:00).
HAUL	A unique number which identifies a specific occurrence of net, pot, longline or jig fishing effort. This table does not include "no fishing" days.
HAUL_JOIN	An assigned, unique number (up to nine digits) that uniquely identifies each haul/set associated with vessel data. NORPAC.DOMESTIC_HAUL.HAUL_JOIN links a single haul record to records in the domestic tables for data on species composition, length, age, marine mammal, and viability interactions.
YR	A four-digit number identifying the year in which the gear retrieval of the haul began.
SPECIES	A three-digit numeric code representing a marine species. This code is associated with species name in NORPAC.DOMESTIC_SPECIES (using the column name SPECIES_NO in place of SPECIES).
SEX	A one-digit alpha code indicating the sex of the organism. F = female, M = male, U = unknown.
SAMPLE_TYPE	A one-digit alpha code which identifies the type of sample taken: B = basket, L = longline, P = partial haul, T = trap/pot, W = whole haul, and O = other (only used 1989-1990).
SAMPLE_NUMBER	The number (count) of the organism in the sample.
WEIGHT	The weight (to the hundredth of a kg) of the entire sample.
SAMPLE_WT	The weight (to the hundredth of a kg) of the organism in the sample.
VIAB_EXCELLENT	The number of individuals in excellent condition.
VIAB_POOR	The number of individuals in poor condition.
VIAB_DEAD	The number of dead or dying individuals.

Table Name: GEAR_CATEGORIES

This table connects the GEAR_CATEGORY code with its DESCRIPTION.

Column Name	Column Comments
GEAR_CATEGORY	A two-digit numeric code indicating the gear category.
DESCRIPTION	1 = Trawl; 2 = Longliner; 3 = Pot; 4 = Jig.

Table Name: GEAR_PERFORMANCE

This table connects the PERFORMANCE code with its DEFINITION.

Column Name	Column Comments
PERFORMANCE	A two-digit numeric code indicating the gear performance.
PERFORMANCE_DESC	1 = no problem; 2 = caught crab pot; 3 = net hung up; 4 = ripped net; 5 = unspecified problem; 6 = gear lost; 7 = sea lion predation; 8 = killer whale predation; 9 = short wiring; 10 = sperm whale predation.

Table Name: MAMMAL_CODES

This table connects SPECIES_NO with SPECIES_NAME and SCIENTIFIC_NAME.

Column Name	Column Comments
SPECIES_NO	A two-digit alpha code representing a marine mammal species.
SPECIES_NAME	The common name of the marine mammal.
SCIENTIFIC_NAME	The scientific name associated with the common SPECIES_NAME.

Table Name: MAMMAL_CONDITION

This table connects CONDITION_CODE with its DEFINITION.

Column Name	Column Comments
CONDITION_CODE	A one-digit numeric code identifying the condition of the marine mammal after the

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: MAMMAL_CONDITION

This table connects **CONDITION_CODE** with its **DEFINITION**.

Column Name	Column Comments
DEFINITION	interaction. The condition of the marine mammal after the interaction: 1 = Carcass, dead animal; 2 = Bones other than the skull; 3 = Live animal; 4 = Skull; 5 = Skull and bones; 6 = Tusk/teeth only (no skull); 7 = Baleen only; 9 = Fur, Flesh, or Skin.

Table Name: MAMMAL_DETERRENCE

This table connects the **DETERRENCE** code with its **DEFINITION**.

Column Name	Column Comments
DEFERRENCE	A one-digit numeric code indicating the method of marine mammal deterrence employed.
DEFINITION	The method of marine mammal deterrence employed: 1 = Seal bombs; 2 = Pole gaff; 3 = Skiff; 4 = Acoustical device; 5 = Yelling; 6 = Making noise; 7 = Other means; and 8 = Unknown.

Table Name: MAMMAL_INTERACTION

Connects the mammal **INTERACTION_CODE** with its **DEFINITION**.

Column Name	Column Comments
INTERACTION_CODE	A two-digit numeric code identifying what type of interaction occurred and (if known) the viability of the marine mammal after the interaction.
DEFINITION	The type of interaction which occurred: 1 = Deterred; 2 = Entangled in Gear (not trailing gear); 3 = Entangled in Gear (trailing gear); 4 = Killed by Gear; 5 = Killed by Propeller; 6 = Previously Dead; 7 = Lethal Removal (trailing gear); 8 = Lethal Removal (not trailing gear); 9 = Boarded Vessel; 10 = Feeding on Catch; 11 = Feeding on Discard (Historical Only); 12 = Other; 13 = Unknown. Interaction codes greater than 13 no longer exist in the NORPAC.DOMESTIC_MAMMAL table.

Table Name: OBSERVERS

This table contains information about a specific observer.

Column Name	Column Comments
OBSERVER_JOIN	A unique number that identifies a specific observer.
LAST_NAME	The last name of the observer.
MIDDLE_NAME	The middle name of the observer.
FIRST_NAME	The first name of the observer.
EMAIL_ADDRESS	The e-mail address of the observer.
HOLD_LEVEL2_CERTIFICATION_F LAG	A one-digit alpha code. Y = Yes, the observer has Level 2 status; N = No, the observer does not have Level 2 status.
REHIRE_STATUS	A two-digit alpha code indicating the rehire status of the observer. EL = eligible for rehire; NE = not eligible for rehire; NA = not applicable (hasn't gone out yet).
SEX	The sex of the observer. M = Male; F = Female; U = Unknown.
DATE_OF_BIRTH	The date of the observer's birth.
PERMANENT_ADDRESS	The permanent street address of the observer.
PERMANENT_CITY	The permanent city address of the observer.
PERMANENT_STATE	The permanent state address of the observer.
PERMANENT_ZIPCODE	The permanent zipcode of the observer.
PERMANENT_PHONE	The permanent phone number of the observer.
PREVIOUS_NAME	Any previous name of the observer.
RESUME_ON_FILE	A one-digit alpha code indicating whether the observer's resume is on file or not. Y = Yes; N = No.
LAST_PHYSICAL_DATE	The date of the observer's last physical.
ARCHIVED_FILE	A one-digit alpha code indicating whether the observer's file is present or not. Y = Yes; N = No.
PHOTO_PRESENT	A one-digit alpha code indicating whether the observer's photo is on file or not. Y = Yes; N = No.
CREATE_DATE	Date record was inputted into database.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: OBSERVERS

This table contains information about a specific observer.

Column Name	Column Comments
CREATED_BY	Person who loaded data into database.
LAST_UPDATE_DATE	Date data record was last altered. First entered in December 2003.
LAST_UPDATED_BY	Person who last altered data record. First entered in December 2003.

Table Name: PROCESSOR

This table joins the processor code from domestic_haul_v with the processor name and location.

Column Name	Column Comments
PROCESSOR_CODE	Beginning in 1997, the processor code of the vessel or plant.
PROCESSOR_NAME	The name of the processor .
PROCESSOR_OLD_CODE	The old processor code of the vessel or plant.
LOCATION	This is where the processor is located.

Table Name: VESSEL_PLANT

This is a view that joins the vessel or plant code with it's name or with other codes. **VESSEL -** A unique four-digit, alpha-numeric code identifying each domestic vessel or plant that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number. **VESSEL_NAME -** The name of the vessel. **PERMIT -** The last four (or five) digits of the permit number. **CG_NUMBER -** This is the US Coast Guard number of the vessel. **ADFG_NUMBER -** This is the ADFG number of the vessel. **VESSEL_LENGTH -** This is the length overall (in feet) of the vessel. **OLD_VESSEL -** This is the old 4-digit alpha-numeric code of the vessel or plant.

Column Name	Column Comments
VESSEL	
VESSEL_NAME	
PERMIT	
CG_NUMBER	
ADFG_NUMBER	
VESSEL_LENGTH	
OLD_VESSEL	

Table Name: VESSPLNT

This is a table that links the vessel or plant code with it's name or with other codes.

Column Name	Column Comments
VESSEL	A unique four-digit, alpha-numeric code identifying each domestic vessel or plant that contracts for observer coverage. All vessel codes begin with the alpha code A, followed by a three-digit number, or for plants, the codes begin with the alpha code P, followed by a three-digit number.
VESSEL_NAME	The name of the vessel.
PERMIT	The last four (or five) digits of the permit number.
ADFG_NUMBER	This is the ADFG number of the vessel.
CG_NUMBER	This is the US Coast Guard number of the vessel.
NMFS_PROCESSOR	For vessels that occasionally process fish caught by another vessel (and also catch and process their own fish), this starts with an M, followed by the last four digits of the permit number. For vessels or plants that only process fish (but don't catch fish), this starts with an F, followed by four digits. This field is null for vessels that don't process fish caught by another vessel.
STATE_PROCESSOR	Typically this is the last four digits of a shoreside plant's permit number. Is typically null for vessels.
OLD_VESSEL	This is the old 4-digit alpha-numeric code of the vessel or plant.
RECORD_TYPE	V is for vessel; P is for plant; N is for unknown.

Domestic Schema Table and Column Comments Guide; AFSC - NORPAC Data Dictionary

Table Name: VESSPLNT

This is a table that links the vessel or plant code with it's name or with other codes.

Column Name	Column Comments
OBSERVER_COVERAGE	For plants and floating processors only, N means that no observer coverage is required and Y means that observer coverage is required.
COMPANY	The name of the company that owns or manages the vessel or plant.
COMPANY_ADDRESS	The street address of the company's main office.
COMPANY_CITY	The city in which the company's main office resides.
COMPANY_STATE	The state in which the company's main office resides.
COMPANY_ZIPCODE	The zipcode of the company's main office.
COMPANY_PHONE	The company's main phone number, including area code.
CALL_SIGN	This field is mostly null. It should contain the call sign of the vessel.
COMMUNICATION_NUMBER	A phone number for the vessel itself.
COMM_TYPE	Unknown code going from 0 to 5.
STANDARD_A	This field is null.
STANDARD_C	This field is null.
GEAR_LIST	J is jig; L is longline; P is pot; T is trawl.
PROCESS_MODE	C is catcher vessel; CP is catcher/processor vessel; F is floating processor; M is mothership; P is shoreside processing plant.
VESSEL_LENGTH	This is the length overall (in feet) of the vessel.
GROSS_WEIGHT	Gross Registered Tons of the vessel.
HORSE_POWER	Horsepower of the vessel.
VESSEL_NOTES	Notes of interest about the vessel or plant.
DATE_OF_ENTRY	Date when this record was first added to the table.
DATE_OF_CHANGE	Date when the most recent change was made to this record.
CDQ_CONTACT	Name of the individual who is the cdq contact person.
CDQ_PHONE	Phone number of the cdq contact person.
CDQ_FAX	Fax number of the cdq contact person.
CDQ_EMAIL	E-mail address of the cdq contact person.
CDQ_LAST_CONTACT	The last time this cdq person was contacted.
CDQ_PHONE2	Second phone number of the cdq contact person.
CDQ_FAX2	Second fax number of the cdq contact person.