
Alaska Fisheries Information Network

Comprehensive

NORPAC Observer Data



Version History

| Date | Author | Change Comments | Version |
|------------|----------------|--|---------|
| 10/28/2008 | Camille Kohler | Original version | 1.0 |
| 12/29/2008 | A.K. Zebdi | Updated version with reformatting and use of template. | 2.0 |
| 07/18/2010 | Michael Fey | Updated definitions and naming | 2.1 |
| 11/10/2010 | Michael Fey | Updated sources | 2.2 |
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Executive Summary

Commissioned by the [North Pacific Fishery Management Council](#) (NPFMC, The Council), the COMPREHENSIVE datasets are a set of views and tables that are generated using a specific compilation of Base Data Sources from:

- The Alaska Department of Fish and Game ([ADF&G](#)),
- The National Marine Fisheries Service, Alaska Regional Office ([AKR](#)),
- The North Pacific Fishery Management Council ([NPFMC](#)),
- The Alaska Fisheries Science Center ([AFSC](#)),
- The Commercial Fisheries Entry Commission ([CFEC](#)), and
- The International Pacific Halibut Commission ([IPHC](#)).

Auxiliary Data from the agencies data and AKFIN-built data sources and logic have been incorporated to further define the records and associated entities. The fields are added specifically to the views, with some fields being present across the datasets allowing for joins. The COMPREHENSIVE_* dataset tables are all generated by selecting all records from the COMPREHENSIVE *_V views. Thus the scripts defining the Views contain all the logic on how the data is generated. The wildcard (*) covers all the datasets listed in this set of documents.

This data is confidential and access is restricted to analysts with special permission. Please contact the AKFIN Project Manager at <http://www.akfin.org/contact-us/> for further information about accessing the data.

Comprehensive NORPAC Observer Data

AKFIN has developed a comprehensive view of the NORPAC observer data as sourced by National Marine Fisheries Service Alaska Region (AKR) version of the haul and haul species observations. The AKR version was chosen as the base source because the tables are more readily available and they contain many of the commonly used fields to include AKR-specific species groups and targeting.

Base Data Sources

The following observer sources from AKR are used as the basis for the COMPREHENSIVE_OBS table.

1. AKR.V_OBS_HAUL – Haul level information such as date, time, location and gear type for year's 2001 and later
2. AKR.V_OBS_HAUL_SPECIES – Species details for each haul including extrapolated weight and number for year's 2001 and later
3. AKR.OBS_HAUL_HISTORY – Haul level information such as date, time, location and gear type for year's 1998 – 2000. Not all OBS_HAUL columns are available in OBS_HAUL_HISTORY, those that are not, are marked in the “N/A FOR 98’ – 00’” column of the Observer field descriptions below.
4. AKR.OBS_HAUL_SPECIE_HISTORY – Species details for each haul including extrapolated weight and number for year's 1998 – 2000. Not all OBS_HAUL_SPECIE columns are available in OBS_HAUL_SPECIE_HISTORY, those that are not, are marked in the “N/A FOR 98’ – 00’” column of the Observer field descriptions below.

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Two views are used to populate the final observer data source:

1. OBS_HAUL_SP_V – Combines the four AKR observer data sources listed above
2. COMPREHENSIVE_OBS_V - Applies the logic for appending the AKFIN auxiliary fields

The comprehensive observer datamart table, COMPREHENSIVE_OBS, is generated by selecting all records from the view COMPREHENSIVE_OBS_V.

Auxiliary Data Sources

In addition to the base observer data sources, other agency and AKFIN-built data sources and logic have been incorporated to further define the fish ticket record and associated entities.

ADF&G Sources

- **Intent to Operate (ITO)** - The source for processor and processor owner information from the processors yearly Intent to Operate data sourced by the ADFG.E_VIEW_TBLITO sources and associated lookup tables.
- **Species** – The ADFG.SPECIS table was used to provide a common species name based on the species code

CFEC Sources

- **Vessel Information** – Used to source the State vessel registration in the VES_CFEC_, VES_I_, and VES_OWNER_ fields, this includes a combination of the CFEC VES_VIEW, VAC_VIEW, and PPL_VIEW tables.

NMFS AKR Sources

- **Area Lookup** – The AKR MANAGEMENT_AREA table was used to provide descriptions of the special management areas.
- **CDQ Group** – The AKR CDQ_GROUP table was used to provide a description of the CDQ group code.
- **Permit Information** - The AKR views and tables V_AFA_PERMIT, and A80_OFFICAL_RECORD are used to obtain federal permit information.
- **Species Lookups** – The AKR AGENCY_SPECIE, SPECIES_GROUP, and TARGET_FISHERY tables were used to append descriptions of the AKR species code, species group code, and target fishery codes.
- **Vessel Information** - The AKR view V_VESSEL is used to add current harvester and processor vessel characteristics to the data such as the vessel length, horsepower, home-port, and net tonnage.

NMFS NORPAC Sources

- **Locations Table** – NORPAC locations descriptions table, NORPAC.DOMESTIC_LOCATIONS, to provide descriptions of the observer location code
- **Gear Table** – NORPAC gear descriptions table, NORPAC.DOMESTIC_GEAR, to provide descriptions of the observer gear code

AKFIN Sources

- **ITO Vessel Corrections** – The ITO_ADFG field is populated using the ITO_VESSEL_CORRECTIONS table that maintains a yearly correction to the processor ADF&G number for federal catcher/processors.
- **Processor Code Cross Reference** – The AKFIN-built process that translates the State ITO code to federal processor code, AKFIN_PROC_CODE_XREF_V, was incorporated to populate the ITO_CODE field.
- **Processing/Harvest Sector Corrections** – The AKFIN_SECTOR_CORRECTIONS table was used to line up the processing/harvest sector's reported in WPR with those reported in the Blend/Catch Accounting System for the year.

Definitions for the Base Source fields as well as the AKFIN-appended Auxiliary fields are included in *Appendix A: Base Source Column Definitions* and *Appendix B: Auxiliary Column Definitions*.

Appendix A: Base Source Column Definitions

The following column definitions are the latest version of the definitions as sourced by the AKR column comments from the base observer data tables OBS_HAUL, OBS_HAUL_SPECIE, OBS_HAUL_HISTORY, and OBS_HAUL_SPECIE_HISTORY. The last column, N/A 98-00 denotes those fields available in the current version of the OBS_HAUL tables and not the _HISTORY versions.

| Comprehensive NORPAC Observer Data Fields | | |
|---|---|-----------|
| Column Name | Description | N/A 98-00 |
| ADFG_STAT_AREA_CODE | Code for the ADFG state statistical area. | |
| ADFG_STAT_AREA_ID | Unique identifier of the ADFG state statistical area. | |
| AFA_COOP | Internal identifier of an AFA groundfish coop. | X |
| AFA_HARVEST_SECTOR | Identification of American Fisheries Act (AFA) eligible vessel as catcher processor (CP) or catcher vessel (CV). | X |
| AKFIN_LOAD_DATE | | |
| AKR_GEAR_CODE | Alaska Region identifier of a gear type. | X |
| AKR_VESSEL_ID | Federal Fisheries Permit Number | X |
| BIRD_DETERRENCE | The bird deterrence method the vessel said they were using, as recorded in their logbook. | X |
| BIRD_VERIFICATION | Indicates whether the observer verified the bird deterrence method and whether the vessel was using the method recorded in the logbook. | X |
| BOTTOM_DEPTH | Average depth of the bottom (in fathoms) where the fishing effort occurred. | X |
| BSAI_PCOD_VESSEL_SIZE_CAT | Distinguishes among vessel size categories defined for the Bering Sea and Aleutian Islands (BSAI) Pacific cod fisheries. | X |
| BSAI_POLLOCK_VESSEL_SIZE_CAT | Distinguishes among vessel size categories defined for Bering Sea and Aleutian Islands (BSAI) pollock fisheries. | X |
| BSAI_PROC_SECTOR | Inshore, mothership and catcher processor operations for the BSAI Pollock AFA Fishery. | X |
| CA_REFERENCE_KEY | Unique number assigned to catch report rows. | X |
| CATCHER_BOAT_ADFG | Identifier of a catcher vessel in Observer program haul data. | |
| CATCHER_VESSEL_ID | | X |
| CDQ_GROUP_ID | Unique Identifier for CDQ Group. | |
| COBLZ_FLAG | Indicates whether the generic area reported by the observer is in the COBLZ. | |
| CRITICAL_HABITAT_AREA_CODE | Management area code of the critical habitat area. | |
| CRITICAL_HABITAT_AREA_ID | Unique identifier of the critical habitat area. | X |
| CRUISE | Identifies a specific cruise, or fishing trip, of an observer. | X |
| DATE_OF_ENTRY | Date/time a haul or haul specie row was last modified in the Observer source tables on NPAC. | |
| DELIVERY_NUMBER | Numeric identifier of a Landing by a vessel. | |

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| Comprehensive NORPAC Observer Data Fields | | |
|---|--|-----------|
| Column Name | Description | N/A 98-00 |
| DENSITY | Indicates the density of a random collection of fish in metric tons per cubic meter. | |
| DEPLOYMENT_DATE | Date that fishing gear was set and time that fishing gear starts fishing. | |
| DEPLOYMENT_LATITUDE | Indicates the latitude when the fishing gear starts fishing. | |
| DEPLOYMENT_LATITUDE_DD | Deployment latitude in decimal degrees. | |
| DEPLOYMENT_LONGITUDE | Indicates the longitude when the fishing gear starts fishing. | |
| DEPLOYMENT_LONGITUDE_DD | Deployment longitude in decimal degrees. | |
| FISHING_DEPTH | Average depth of the fishing activity (in fathoms). | |
| FISHING_START_DATE | The first date a catcher boat sets its gear during a "trip". | |
| GEAR_ID | Unique identifier of the AKR agency gear. | |
| GENERIC_AREA | 3-digit sub-area (of a reporting area) associated with the position data. | |
| GOA_PROC_SECTOR | Defines classes (Inshore, Offshore) of processors that receive quota from the general groundfish sector. GOA = Gulf of Alaska. | X |
| HAUL_DATE | Date on which haul retrieval was completed. | |
| HAUL_JOIN | Internal haul record identifier in Observer database. | |
| HAUL_NUMBER | Haul number distinguishing different hauls for a vessel within a cruise. | |
| HAUL_SAMPLED_BY | Indicates which observer sampled and is responsible for the haul. | |
| HOOKS_PER_SKATE | Number of hooks on each hachi (skate) for a single longline set. | |
| IFQ_FLAG | Indicates whether fish on an Observed haul was caught for an IFQ permit. | |
| LAST_MODIFIED_DATE | Date/time a data element was last modified. | |
| LATITUDE | Indicates the latitude (degrees and minutes north of the equator) when fishing gear is retrieved. | |
| LOCATION | Observer code indicating type of fishing activity. | |
| LONGITUDE | Indicates the longitude (degrees and minutes west of the prime meridian) when fishing gear is retrieved. | |
| MM_PERCENT_MONITORED | Indicates whether a haul was monitored for marine mammal or not. | |
| OBS_CDQ_CODE | Observer code to identify a CDQ group. | |
| OBS_GEAR_CODE | Observer identifier of a gear type. | |
| OBS_PROCESSOR_ID | Observer code used to identify a processor. | |
| OBS_VESSEL_ID | Identifier of a vessel in Observer Program information system. | |
| OBS_VESSEL_TYPE | A 1-digit numeric code to identify the type of fishing operation performed by the vessel. | |
| OBSERVER_ESTIMATE | Round weight catch amount by metric ton for the haul as reported by the observer. | |
| OBSERVER_ESTIMATE_METHOD | Indicates method used by an Observer to make volumetric estimate of catch. | |
| OFFICIAL_TOTAL_CATCH | Estimated weight in tons of fish harvested as determined by the Observer program database. | |

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| Comprehensive NORPAC Observer Data Fields | | |
|---|---|-----------|
| Column Name | Description | N/A 98-00 |
| PCOD_DIR_FISHING_FLAG | Distinguishes between directed and incidental PCod fishing activity. | X |
| PERFORMANCE | A numeric code that indicates how well the fishing device operated. | |
| POLLOCK_DIR_FISHING_FLAG | Distinguishes between directed and incidental pollock fishing activity. | X |
| PSCNQ_PROCESSING_SECTOR | Code representing the processing sector as defined for prohibited species catch (PSC)/non-quota rate creation. | X |
| RANDOM_BREAK_TABLE | Indicates whether the observer was on a break according to the break table. | |
| RANDOM_SAMPLE_TABLE | Indicates whether or not the observer was using the random sample table, and if they were using the table, were they supposed to sample the haul. | |
| REPORTING_AREA_CODE | Code used to identify a federal reporting area. | |
| REPORTING_AREA_ID | Unique identifier of the federal reporting area. | |
| RETAINED_GROUNDFISH_WEIGHT | Retained weight in Metric Tons of groundfish species in a haul. | X |
| RETRIEVAL_DATE | Date and time that fishing gear was retrieved. | |
| RETRIEVAL_LATITUDE_DD | Retrieval latitude in decimal degrees. | |
| RETRIEVAL_LONGITUDE_DD | Retrieval longitude in decimal degrees. | |
| SAMPLED_FLAG | Indicates whether the haul was sampled. | |
| SEABIRD_SAMPLE_TYPE | Indicates the largest sample size the observer used to look for seabirds. | X |
| SKATES_IN_SET | Number of hachi (skates) for a single set. | |
| SOURCE_TABLE | Code identifying the source tables in the Observer system for haul data. | |
| SPECIAL_AREA_CODE | Management area code of the special area. | X |
| SPECIAL_AREA_ID | Management area ID of a special area monitored by catch accounting. | X |
| TARGET_FISHERY_AREA | Management area ID of the FMP area in which haul took place. | X |
| TARGET_FISHERY_CODE | Code representing target fishery for an observed haul. | |
| TARGET_FISHERY_YEAR | Calendar year of the target fishery. | X |
| TOTAL_GROUNDFISH_WEIGHT | Total haul weight in metric tons (retained and discard) of groundfish species. | X |
| TOTAL_HOOKS_POTS | Total number of hooks in the longline set, or for pot vessels, total number of pots in a set. | |
| TRIP_TARGET_CODE | Code representing target fishery calculated for a trip (CV) or a week (CP/M). | X |
| TRIP_TARGET_DATE | Fishing start date for CVs delivering shoreside; week end date for CP/M. | X |
| VESSEL_ESTIMATE | Commencing 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. | |
| YEAR | Four-digit calendar year in which the haul occurred. | |
| AKFIN_LOAD_DATE | | |
| AKR_SPECIE_CODE | Code used by the Alaska Region to reference the species. | |
| AKR_SPECIE_ID | The unique identifier of the agency species. | |

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|---|---|-----------|
| Column Name | Description | N/A 98-00 |
| CA_REFERENCE_KEY | System generated pointer used to locate related catch accounting transactions | X |
| CRUISE | Identifies a specific cruise, or fishing trip, of an observer. | |
| DATE_OF_ENTRY | Date/time a haul or haul specie row was last modified in the Observer source tables on NPAC. | |
| EXTRAPOLATED_NUMBER | Total number of animals of a specie in a haul as extrapolated from an Observer sample. | |
| EXTRAPOLATED_WEIGHT | Total weight in kilograms of a specie in a haul as extrapolated from Observer sample. | |
| HAUL_DATE | Date on which haul retrieval was completed. | |
| HAUL_JOIN | Internal haul record identifier in Observer database. | |
| HAUL_NUMBER | Haul number distinguishing different hauls for a vessel in a day. | |
| LAST_MODIFIED_DATE | Date/time a data element was last modified. | |
| OBS_SPECIE_CODE | Identifier of a specie or group of species in Observer system. | |
| OBS_VESSEL_ID | Identifier of a vessel in Observer Program information system. | |
| PERCENT_RETAINED | Percent of total catch of a specie on a haul that was retained. | |
| SAMPLE_NUMBER | The number of animals of a particular specie in an observer sample. | |
| SAMPLE_SIZE | Weight of a fish sample (all species) by an observer for a haul. | |
| SAMPLE_TYPE | Code indicating the method of sampling. | |
| SAMPLE_WEIGHT | Observed weight in kilograms of a single fish used for sampling information on a haul. | |
| SEX | Indicates sex of specie in Observer sample. | |
| SOURCE_TABLE | Code identifying the source tables in the Observer system for haul data. | |
| SPECIES_GROUP_CODE | Code that identifies the species group to which the Alaska Region's agency species code translates. | X |
| SPECIES_GROUP_ID | Unique identifier of the species group. | X |
| HAUL_PURPOSE_CODE | Unique identifies of the Haul | |

Appendix B: Auxiliary Column Definitions

The following column definitions describe the auxiliary fields appended to the base NORPAC observer source.

| Comprehensive NORPAC Observer Data Auxiliary Fields | | |
|---|---|--|
| Column Name | Description | Source |
| A80_PROCESSOR_FLAG | Flag indicating processing vessel is an Amendment 80 vessel | CASE WHEN a80p.vessel_id IS NOT NULL THEN 'Y' ELSE 'N' END |
| A80_VESSEL_FLAG | Flag indicating harvesting vessel is an Amendment 80 vessel | CASE WHEN a80v.vessel_id IS NOT NULL THEN 'Y' ELSE 'N' END |
| AFA_MOTHERSHIP_FLAG | Flag indicating that the processing vessel is an AFA permitted mothership | NVL(afap.afa_mothership_flag, 'N') |
| AFA_PROCESSOR_FLAG | If the processing entity holds an AFA permit a Y is placed in this field | CASE WHEN afap.permit_number IS NOT NULL THEN 'Y' ELSE 'N' END |
| AFA_PROCESSOR_PERMIT_TYPE | The type of AFA permit that the processor holds. CP, IS, MS etc. | AKR AFA permit source (PERMIT_TYPE) |
| AFA_VESSEL_FLAG | If the catcher vessel has an AFA permit a Y is placed in this field. | CASE WHEN afav.permit_number IS NOT NULL THEN 'Y' ELSE 'N' END |
| AFA_VESSEL_PERMIT_TYPE | The type of AFA permit that the catcher vessel holds. CV, CP etc. | AKR AFA permit source (PERMIT_TYPE) |
| GF_HARVEST_SECTOR | AKFIN calculated harvest sector fields picks up sectors for all year's of data and incorporates AKFIN_SECTOR_CORRECTIONS that help to standardize sectors when comparing to the Blend/Catch Accounting System | CASE --Pickup sector corrections WHEN sect.harvest_sector IS NOT NULL THEN sect.harvest_sector -Get AFA sector WHEN afa_harvest_sector IS NOT NULL THEN afa_harvest_sector WHEN SUBSTR(obs_processor_id, 1, 1) = 'P' THEN 'CP' --Check for motherships WHEN SUBSTR(obs_processor_id, 1, 1) IN ('F', 'M') THEN 'CV' ELSE NULL END |

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| Comprehensive NORPAC Observer Data Auxiliary Fields | | |
|---|--|--|
| Column Name | Description | Source |
| GF_PROCESSING_SECTOR | AKFIN calculated processing sector fields picks up sectors for all year's of data and incorporates AKFIN_SECTOR_CORRECTIONS that help to standardize sectors when comparing to the Blend/Catch Accounting System | <pre> CASE --Pickup sector corrections WHEN sect.processing_sector IS NOT NULL THEN sect.processing_sector --Correct some M marked as CP in PSCNQ proc WHEN dhsp.pscnq_processing_sector = 'CP' AND dhsp.afa_harvest_sector = 'CV' AND (dhsp.bsai_proc_sector = 'M' OR dhsp.goa_proc_sector IN ('O','I')) THEN 'M' --Check PSCNQ_PROCESSING_SECTOR WHEN dhsp.pscnq_processing_sector IS NOT NULL THEN dhsp.pscnq_processing_sector WHEN SUBSTR(obs_processor_id, 1, 1) = 'P' THEN 'CP' --Check for motherships WHEN SUBSTR(obs_processor_id, 1, 1) = 'M' AND (afa_harvest_sector = 'CV' OR afa_harvest_sector IS NULL) THEN 'M' --Check for shoreside processors WHEN SUBSTR(obs_processor_id, 1, 1) = 'F' AND (afa_harvest_sector = 'CV' OR afa_harvest_sector IS NULL) THEN 'S' ELSE NULL END </pre> |
| PROCESSOR_PERMIT_ID | OBS_PROCESSOR_ID reformatted | TO_NUMBER(LTRIM(SUBSTR(obs_processor_id, 2, 5), '0')) |
| AKFIN_VDATE | Date the COMPREHENSIVE_OBS datamart table was refreshed. | |

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| Comprehensive NORPAC Observer Data Auxiliary Fields | | |
|---|---|---|
| Column Name | Description | Source |
| VESSEL_ID | Standardization of the vessel column between the translated catcher vessel ID and AKR vessel ID fields. | <pre> CASE WHEN bsai_proc_sector = 'CP' OR pscng_processing_sector = 'CP' OR afa_harvest_sector = 'CP' OR SUBSTR(obs_processor_id, 1, 1) = 'P' THEN akr_vessel_id ELSE CASE WHEN akr_vessel_id <> TO_NUMBER(LTRIM(SUBSTR(obs_processor_id, 2, 5),'0')) THEN akr_vessel_id WHEN ves.id <> TO_NUMBER(LTRIM(SUBSTR(obs_processor_id, 2, 5), 0')) THEN ves.id WHEN obs_processor_id IS NULL THEN akr_vessel_id ELSE NULL END END </pre> |
| CDQ_GROUP_NAME | CDQ Group name from the AKR CDQ Group Table | AKR CDQ Group name (NAME) based on the AKFIN_CDQ_GROUP_ID field |
| FMP_AREA | FMP Areas (BSAI, GULF, INSD) calculated from NMFS_AREA | COUNCIL.STAT_AREA_V |
| FMP_SUBAREA | FMP Sub-areas (AI,BS,WG,CG,WY,SE,SEI,PWDI) calculated from NMFS_AREA | COUNCIL.STAT_AREA_V |
| FMP_GEAR | FMP gear code (TRW, HAL, POT, JIG, OTH) | <pre> CASE domestic_gear.gear_category WHEN 1 THEN 'TRW' WHEN 2 THEN 'HAL' WHEN 3 THEN 'POT' WHEN 4 THEN 'JIG' ELSE 'OTH' END </pre> |
| WEEK_END_DATE | A uniform week ending date. | AKFIN.AKFIN_DATE_D |
| WED | TO_CHAR(WEEK_ENDING_DATE, 'MMDD') | AKFIN.AKFIN_DATE_D |
| SPECIES_NAME | Species common name, when available. | AKR.SPECIES_TRANSLATION |
| ADFG_SPECIES | ADFG species code, when available | AKR.SPECIES_TRANSLATION |

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|---|---|---|
| Column Name | Description | Source |
| AKR_SPECIES_CODE | AKR species code, similar to ADFG code | AKR.SPECIES_TRANSLATION |
| FMP_AREA | FMP Areas (BSAI, GULF, INSD) calculated from NMFS_AREA | COUNCIL.STAT_AREA_V |
| FMP_SUBAREA | FMP Sub-areas (AI,BS,WG,CG,WY,SE,SEI,PWDI) calculated from NMFS_AREA | COUNCIL.STAT_AREA_V |
| FMP_GEAR | FMP gear code (TRW, HAL, POT, JIG, OTH) based on translation to NORPAC domestic gear category | <pre> CASE dg.gear_category WHEN 1 THEN 'TRW' WHEN 2 THEN 'HAL' WHEN 3 THEN 'POT' WHEN 4 THEN 'JIG' ELSE 'OTH' END </pre> |
| ITO_ADFG | Processor's ADFG according to ITO/ENCOAR | ITO/ENCOAR ADFG vessel number (ADFG_VESSEL_NUM) |
| ITO_CITY | Processor city | ITO/ENCOAR processor's address (PR_CITY) |
| ITO_CODE | ITO processor code as translated from the AKFIN_PROC_CODE_XREF_V data source | Processor Code Cross References ITO code translation (ITO_CODE) |
| ITO_COMPANY | Company name | ITO/ENCOAR company name or business (OP_CO_NAME_BUSINESS) |
| ITO_PLANT | Processor plant or processing type | ITO/ENCOAR plant (PLANT) |
| ITO_STATE | Processor state | ITO/ENCOAR processor's address (PR_STATE) |
| ITO_TYPE | Processor type code | ITO/ENCOAR type code (E_PROC_TYPE) |
| ITO_VNAME | Processor's vessel name according to ITO/ENCOAR | ITO/ENCOAR facility/vessel name for vessels (OP_PR_FACILITY_VESSEL_NAME) |
| ITO_YEAR | Most recent year of ITO registration for ITO_CODE | ITO/ENCOAR operation year (OP_YEAR) |
| ITO_ZIP | Processor zip | ITO/ENCOAR processor's address (PR_ZIP1) |
| LOCATION_DESCRIPTION | Description of the observer LOCATION field | NORPAC domestic locations table (LOCATION_DESCRIPTION) |
| OBS_SPECIES_NAME | Description of the OBS_SPECIES_CODE | akr.agency_specie.name where agency=OBS |

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|--|---|--|
| Column Name | Description | Source |
| PRICE_SPEC_GRP | Species group used for pricing | akfin.nmfs_wholesale_gfish_species.specgrp |
| SPECIAL_AREA_NAME | Description of the observer SPECIAL_AREA_ID field | AKR management area table (NAME) |
| SPECIES_GROUP_NAME | Description of the observer SPECIES_GROUP_ID field based on the AKR species table and supplemented with the council SPECIES_GROUP_CODES table | NVL(sgc.name, sgc2.species_name) |
| SPECIES_NAME | Description of the observer AKR_SPECIES_CODE or AKR_SPECIES_ID fields based on the ADFG species table and supplemented with the AKR agency species table | NVL(sp.common_name, sp2.name) |
| TARGET_FISHERY_NAME | Description of the observer TARGET_FISHERY_CODE | AKR Target Fishery Table (NAME) |
| TRIP_TARGET_NAME | Description of the observer TRIP_TARGET_CODE | AKR Target Fishery Table (NAME) |
| VES_AKR_ADFG | Vessel ADF&G number from AKR vessel source | AKR Vessel (ADFG_NUMBER) |
| VES_AKR_CG_NUM | Vessel Coast Guard Number from the AKR vessel source | AKR Vessel (COAST_GUARD_NUMBER) |
| VES_AKR_GROSS_TONNAGE | Vessel gross tonnage from AKR vessel source | AKR Vessel (GROSS_TONNAGE) |
| VES_AKR_HORSEPOWER | Vessel horsepower from AKR vessel source | AKR Vessel (SHAFT_HORSEPOWER) |
| VES_AKR_LENGTH | Vessel length overall from AKR vessel source | AKR Vessel (LENGTH_OVERALL) |
| VES_AKR_NAME | Vessel name from AKR vessel source | AKR Vessel (NAME) |
| VES_AKR_NET_TONNAGE | Vessel net tonnage from AKR vessel source | AKR Vessel (NET_TONNAGE) |
| VES_AKR_HOMEPORT_CITY | Latest home-port city name for the catcher vessel. When the AKR.V_VESSEL table contains the vessel's ADF&G number this field is sourced from the AKR else it is the same as the VES_CFEC_HOMEPORT_CITY field. | AKR Vessel (HOMEPORT_CITY_NAME) |

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|--|---|---|
| Column Name | Description | Source |
| VES_AKR_HOMEPORT_STATE | Latest home-port state code for the catcher vessel. When the AKR.V_VESSEL table contains the vessel's ADF&G number this field is sourced from the AKR else it is the same as the VES_CFEC_HOMEPORT_STATE field. | AKR Vessel (HOMEPORT_STATE_CODE) |
| VES_CFEC_CG_NUM | Vessel Coast Guard number from CFEC vessel source | CFEC Vessel (V_CGNO) |
| VES_CFEC_HOMEPORT_CITY | Vessel homeport city from CFEC vessel source | CFEC Vessel (V_HPCITY) |
| VES_CFEC_HOMEPORT_STATE | Vessel homeport state from CFEC vessel source | CFEC Vessel (V_HPST) |
| VES_CFEC_HORSEPOWER | Vessel horsepower from CFEC vessel source | CFEC Vessel (V_HPOWER) |
| VES_CFEC_I_FILNUM | Vessel owner identifier from CFEC vessel source | CFEC Vessel (I_FILNUM) |
| VES_CFEC_LENGTH | Vessel length from CFEC vessel source | CFEC Vessel (V_LENGTH) |
| VES_CFEC_NAME | Vessel name from CFEC vessel source | CFEC Vessel (V_VNAME) |
| VES_CFEC_NET_TONNAGE | Vessel net tonnage from CFEC vessel source | CFEC Vessel (V_NETTON) |
| VES_CFEC_GROSS_TONNAGE | How much the catcher vessel can displace in metric tons as annually registered with the CFEC | CFEC Vessel (V_GRSTON) |
| VES_OWNER_CITY | Vessel owner city based on CFEC owner's current address | CFEC People (A_CITY) |
| VES_OWNER_NAME | Vessel owner's name from CFEC vessel source | CFEC People (I_NAME) |
| VES_OWNER_NAMTYP | Vessel owner's name type from CFEC vessel source | CFEC People (I_NAMTYPE) |
| VES_OWNER_STATE | Vessel owner city based on CFEC owner's current address | CFEC People (A_STATE) |
| VES_OWNER_ZIP | Vessel owner zip code based on CFEC owner's current address | CFEC People (A_ZIP) |
| VES_OWNER_HIST_CITY | Catcher vessel owner's city (based on the owner's historic address) | CFEC.PPL_VIEW.A_CITY or CFEC.ADR_VIEW.A_CITY depending on which is the historic value |

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|---|--|---|
| Column Name | Description | Source |
| VES_OWNER_HIST_STATE | Catcher vessel owner's state (based on the owner's historic address) | CFEC.PPL_VIEW.A_STATE or CFEC.ADR_VIEW.A_STATE depending on which is the historic value |
| VES_CFEC_SEQ_NUM | Vessel sequence number for join to CFEC vessel table | CFEC Vessel (V_VESSEQ) |
| PROC_VES_ADFG | Harvesting vessel ADFG number as translated from the AKR VESSEL data source based on the processor_permit_id | AKR Vessel table's vessel ADFG (ADFG_NUMBER). For Blend data, this represents only the processor_permit_id. |
| PROC_VES_NAME | Processing vessel's name, not populated for shorebased plants | AKR.V_VESSEL.NAME |
| PROC_VES_LENGTH | Processing vessel's length, not populated for shorebased plants | AKR.V_VESSEL.LENGTH_OVERALL |
| PROC_VES_HOMEPORT_CITY | Processing vessels' homeport city, not populated for shorebased plants | AKR.V_VESSEL.HOMEPORT_CITY_NAME |
| PROC_VES_HOMEPORT_STATE | Processing vessel's homeport state, not populated for shorebased plants | AKR.V_VESSEL.HOMEPORT_STATE |
| PROC_VES_NET_TONNAGE | Processing vessel's net tonnage, not populated for shorebased plants | AKR.V_VESSEL.NET_TONNAGE |
| PROC_VES_GROSS_TONNAGE | Processing vessel's gross tonnage, not populated for shorebased plants | AKR.V_VESSEL.GROSS_TONNAGE |
| PROC_VES_SHAFT_HORSEPOWER | Processing vessel's shaft horsepower, not populated for shorebased plants | AKR.V_VESSEL.SHAFT_HORSEPOWER |
| WED | WEEK_END_DATE value reformatted as MMDD | TO_CHAR (aad.week_ending_date, 'MMDD') |
| WEEK_END_DATE | Uses AKFIN.AKFIN_DATE_D to translate the ADFG_H_DATE_LANDED into a week-ending date. | AKFIN date dimension (WEEK_ENDING_DATE) |

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| Comprehensive NORPAC Observer Data Auxiliary Fields | | |
|--|---|--|
| Column Name | Description | Source |
| FMP_GROUNDFISH_FLAG | The FMP Groundfish Flag notes landings of species that are federally managed in association with Groundfish. This includes species that are not truly Groundfish but are managed correspondingly; examples would be squid, skates, grenadiers, sharks or eels. | See the FMP Groudfish Flag document for a listing of species included. |
| AKFIN_SPECIES_CODE | The AKFIN_Species_Code is comprised of 14 codes and is used to group species. The grouping is by a 4 letter code. The definitions are as follows: AMCK (Atka Macherel), FLTF (Flatfish), HLBT(Halibut), HRNG(Herring), KCRB(King Crab), OCRB(Other Crab), PCOD(Pacific Cod), PLCK(Walleye Pollock), ROCK(Rockfish), SBLF(Sablefish), SLMN(Salmon), SHLF(Shellfish), TCRB(Tanner Crab) – Other (OTHR | AKFIN_SPECIES_VIEW |
| AKFIN_YEAR | Year | YEAR |