
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
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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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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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Comprehensive NORPAC Observer Data Fields		
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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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