Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

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Table Name ATL_CRUISE_PLANT

The intersection of an observer cruise and a processing plant.

Column Name	Column Comments
COMMENTS	Optional Comments Field for a cruise_plant data set.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_PLANT_SEQ	Sequence generated unique value for a cruise plant record.
PLANT_SEQ	Sequence generated unique identifier for a processing plant.
STATUS	This attribute is the logical foreign key from the CV_Status table owned by Norpac. It represents the current processing phase that a record is in.
STATUS_DATE	Timestamp of when processing status was assigned
STATUS_USER	User who was logged on when the cruise vessel (cruise plant) status was assigned

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Table Name ATL_CRUISE_VESSEL

The intersection of an observer cruise and a vessel

Column Name	Column Comments
COMMENTS	Optional Comments Field for a cruise_plant data set. This field is provided for use by the debriefing staff. They are not available to observers in the field for this release.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_VESSEL_SEQ	Sequence generated unique identifier for a cruise vessel.
STATUS	This attribute is the logical foreign key from the CV_Status table owned by Norpac. It represents the current processing phase that a record is in.
STATUS_DATE	Timestamp of when processing status was assigned
STATUS_USER	User who was logged on when the cruise vessel (cruise plant) status was assigned
VESSEL_SEQ	Unique Code identifying a vessel - inherited from the NORPAC data set. Generated by logistics staff.

`*************************************************************************************************************`

Table Name ATL_ERROR

This entity represents the list of data and loading errors for the Atlas, Inseason, and Domestic Data sets. Errors are logged by a call to a custom utility which compiles and writes to the Error Log table. Oracle RAISE_APPLICATION_ERROR must not be used because it is not desirable to stop processing when creating a log.

Column Name	Column Comments
ERROR_DISCUSSION	Optional discussion of history, and remedies relating to this error. Including usage by table and program. It is anticipated that complilation of this metadata will generate an error handbook which will be available to inseason staff
ERROR_FORM_TYPE	Error script run for every specific form type. This column groups errors according to the respective subsystem tested. For example: Trip errors relate to the Atlas Trip and related table data.
ERROR_LEVEL	Level of severity
ERROR_NAME	Unique name of error
ERROR_NUMBER	Unique user defined error number between -20000 and -21000
ERROR_TEXT	Text to be returned with error
OLD_ERROR_NUMBER	

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Table Name ATL_ERROR_LOG

This entity provides inseason managers with a record of of load and edit errors which require review and

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name **ATL_ERROR_LOG**

This entity provides inseason managers with a record of of load and edit errors which require review and correction. This provides a permanent record of data transmission errors and timestamps their resolution.

Column Name	Column Comments
ADMIN_OVERRIDE_FLAG	Error Scripts will not allow the loading of data to Inseason or Domestic Tables if errors (99, 50) are logged. If an administrator desires, unresolved errors may be ignored and records moved by setting this flag to Yes.
COMMENTS	Optional discussion - particularly useful in the case of management setting the admin_overide_flag to Yes and loading data with known errors.
CRUISE	Cruise number from Atlas which generated error.
ERROR_LOG_ID	Sequence generated unique identifier for an error log entry
ERROR_NUMBER	Unique user defined error number between -20000 and -21000
LOADING_LEVEL	This attribute identifies the loading process where the error occured ATL - atlas production tables, INS - Inseason ETL, DOM - Domestic ETL.
PK1_COLUMN_NAME	Name of the first primary key column.
PK1_VALUE	Atlas Norpac unique record identifier of record that generated the error. Usually this is numeric but it may be Alpha in the case of a compound primary key.
PK2_COLUMN_NAME	Name of the second primary key column.
PK2_VALUE	Atlas Norpac unique record identifier of record that generated the error. Usually this is numeric but it may be Alpha in the case of a compound primary key.
RESOLVED_BY	Inseason advisor who addressed and resolved the error. Mandatory when resolved flag set to Y.
RESOLVED_CODE	Identifying code which indicates that the error was addressed Y, an overide was requested R, Defaults to N.
RESOLVED_DATE	Timestamp when resolved flag was set to Y
TABLE_NAME	Name of the table for which loading or editing error was recorded.
YEAR	Year extracted from sysdate when error was recorded to facilitate reporting.

Table Name **ATL_FISHING_TIME_LOST**

Fishing time lost contains the number of hours and reasons for lost fishing time during a trip.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
HOURS	Number of hours lost rounded to the nearest hour.
TIME_LOST_CODE	Reason code for lost fishing time.
TRIP_SEQ	Sequence generated unique identifier of a trip

Table Name **ATL_FISH_INV_SPECIMEN**

This entity represents the finfish or invertebrate specimen which has been chosen for additional biota sampling from the length sample of animals.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
LENGTH_SEQ	Sequence generated unique identifier for a length record
MATURITY_SEQ	Sequence generated unique identifier of a maturity record.
SPECIES_CODE	Unique identifier for a species imported from Norpac, and the FK value from species_maturity.
SPECIMEN_NUMBER	
SPECIMEN_SEQ	Sequence generated unique identifier of a specimen record.

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name **ATL_FISH_INV_SPECIMEN**

This entity represents the finfish or invertebrate specimen which has been chosen for additional biota sampling from the length sample of animals.

Column Name	Column Comments
SPECIMEN_TYPE	Unique numeric value for a specimen type record.
WEIGHT	Weight in kg of the specimen.

****

Table Name **ATL_FISH_TICKET**

This entity represents the fish ticket preprared from an offload event.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
FISHTICKET_NUMBER	
FISH_TICKET_SEQ	Sequence within offload parent
OFFLOAD_SEQ	Sequence generated unique identifier for an offload record

****

Table Name **ATL_FMA_TRIP**

A FMA trip is defined as the time between when a vessel casts off lines and ties up. There may be times where a vessel trip doesn't consist of any fishing. Even though no fishing took place a trip record still musy be created when a transit, offload or observer transfer takes place.

Column Name	Column Comments
ATLAS_VERSION_NUMBER	Current Version of Atlas Program. This is stored in both Trip and Offload and inherited by the rest of the system.
BAIT_USED_SEQ	Sequence generated unique identifier of a bait used record
COMMENTS	Any specific comments an observer might make in regards to this trip. In particular comments are required to documented lost fishing time.
CREW_SIZE	Number of personnel on the vessel.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_VESSEL_SEQ	Sequence generated unique identifier for a cruise vessel.
DID_FISHING_OCCUR_FLAG	Idetifies whether fishing took place or not.
DISEMBARKED_PORT_CODE	User defined unique identifier of a port currently limited to 1 - 12
EMBARKED_PORT_CODE	User defined unique identifier of a port currently limited to 1 - 12
END_DATE	Date of landing, tying up to a mothership, transfer of fish between codends or other interaction signifying the ending of a trip.
END_EW	East West longitude identifier for Disembarkation.
END_LATITUDE_DEGREE	Latitude of disembarkation in degrees.
END_LATITUDE_MIN	Latitude of disembarkation in minutes
END_LATITUDE_SEC	Latitude of disembarkation in seconds
END_LONGITUDE_DEGREE	Longitude of disembarkation in degrees.
END_LONGITUDE_MIN	Longitude of disembarkation in minutes
END_LONGITUDE_SEC	Longitude of disembarkation in seconds
FISH_IN_HOLD_AT_START_FLAG	Identifies whether there were fish present in the hold at the start of a fishing trip.
START_DATE	Date of embarkation.
START_EW	East West longitude identifier for Embarkation.
START_LATITUDE_DEGREE	Latitude of embarkation in degrees.
START_LATITUDE_MIN	Latitude of embarkation in minutes.

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name **ATL_FMA_TRIP**

A FMA trip is defined as the time between when a vessel casts off lines and ties up. There may be times where a vessel trip doesn't consist of any fishing. Even though no fishing took place a trip record still musy be created when a transit, offload or observer transfer takes place.

Column Name	Column Comments
START_LATITUDE_SEC	Latitude of embarkation in seconds.
START_LONGITUDE_DEGREE	Longitude of embarkation in degrees.
START_LONGITUDE_MIN	Longitude of embarkation in minutes.
START_LONGITUDE_SEC	Longitude of embarkation in seconds.
TRIP_NUMBER	Number which is entered by the observer which must be unique within a cruise - vessel combination.
TRIP_SEQ	Sequence generated unique identifier of a trip within each observer instance of Atlas

****

Table Name **ATL_HAUL**

Hauls are unique fishing events of gear deployment and retrieval and may also contain information unique to a day where no fishing occured.

Column Name	Column Comments
ANIMAL_TYPE_CODE	Optional FK from LOV_Deterrence. Class of animal mammal (M), bird (B) for which the deterrence (if it exists) was utilized
BOTTOM_DEPTH	Average bottom depth recorded by the observer from the vessel log.
CDQ_CODE	Unique AlphaNumeric code representing a CDQ or research group
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
DELIVERY_VESSEL_ADFG	ADFG number entered by the observer if the delivering vessel does not exist in the vessel lookup table.
DENSITY	Density used by the observer to determine the total catch weights.
DEPLOY_DATE_TIME	Date and time recorded by the observer from the vessel log.
DEPLOY_EW	Location of gear deployment.
DEPLOY_LATITUDE_DEGREES	Location of gear deployment.
DEPLOY_LATITUDE_MINUTES	Location of gear deployment.
DEPLOY_LATITUDE_SECONDS	Location of gear deployment.
DEPLOY_LONGITUDE_DEGREES	Location of gear deployment.
DEPLOY_LONGITUDE_MINUTES	Location of gear deployment.
DEPLOY_LONGITUDE_SECONDS	Location of gear deployment.
DEPTH_METER_FATHOM	Identifies whether depth is recorded in meters or fathoms.
DETERRENCE_CODE	Deterrence code from NORPAC bird or mammal deterance tables
FISHING_DEPTH	Average fishing depth recorded by the observer from the vessel log.
GEARTYPE_FORM	Form that the gear is valid for. For example the gear may be Unknown for a delivery but will always be determined for a haul.
GEAR_PERFORMANCE_CODE	Unique performance code for a gear type.
GEAR_TYPE_CODE	Numeric value from Norpac Domestic Gear that combined with the Form defines the unique identifier for a gear record
HAUL_NUMBER	Number which is entered by the observer identifying a unique haul within a trip. Since records are not physically deleted, trigger code preserves uniqueness by allowing only a single active record to exist (delete_marker IS NOT NULL).
HAUL_PURPOSE_CODE	Haul data may be utilized for catch accounting, stock assessment, or for various special projects. This field is entered by the observer and not validated by ATLAS. Validation is performed when loaded into the production NORPAC data set.
HAUL_SEQ	Sequence generated unique identifier for a haul record
INDIV_FISHING_QUOTA_FLAG	Identifies whether fishing is on an IFQ quota with the subsequent application of IFQ rules.

Table Name ATL_HAUL

Hauls are unique fishing events of gear deployment and retrieval and may also contain information unique to a day where no fishing occured.

Column Name	Column Comments
LOCATION_CODE	Identifies whether the information in a haul is based on retrieval or delivery (as in a mother ship)
MMAMMAL_MONITR_PCT	Percentage of time for this haul where marine mammal monitoring occured. For fixed gear deployments the valid values are anywhere in the range. For mobile gear deployments the values may be either 0 or 100.
NMFS_AREA	This is a calculated value from retrieval lat-long. It is stored for the convenience of the user community.
NUMBER_OF_HOOKS_PER_SKATE	Number of hooks per skate for longline fishing.
NUMBER_OF_SKATES	Number of skates for longline fishing.
OBSVR_EST_CATCH	Total catch weight as estimated by the observer in metric tons.
OBSVR_EST_DISCARDS	Observer estimate of total discards
OBSVR_EST_METHOD	Method used to determine the observer estimated catch
RBT_CODE	Random Break Table identifier Currently limted to Y (es) or N(o)
RETRV_DATE_TIME	Date recorded by the observer from the vessel log.
RETRV_EW	Location of gear retrieval.
RETRV_LATITUDE_DEGREES	Location of gear retrieval.
RETRV_LATITUDE_MINUTES	Location of gear retrieval.
RETRV_LATITUDE_SECONDS	Location of gear retrieval.
RETRV_LONGITUDE_DEGREES	Location of gear retrieval.
RETRV_LONGITUDE_MINUTES	Location of gear retrieval.
RETRV_LONGITUDE_SECONDS	Location of gear retrieval.
RST_CODE	Random Sample Reference Table code reference.
SAMPLED_BY	Identifies where a haul is sampled by an observer and in some cases by which observer. The observer of a haul is not necessarily the primary observer recorded for a cruise.
TOTAL_HOOKS	Total number of hooks deployed for this haul
TOTAL_POTS	Total number of pots deployed for this haul.
TRIP_SEQ	Sequence generated unique identifier of a trip
VESSEL_EST_CATCH	Total catch weight in metric tons as recorded in the vessel log.
VESSEL_TYPE	Unique identifier of a vessel type

****

Table Name ATL_LOAD_QUEUE

This entity represents the list of records which has been loaded into the ATL_ tables in Norpac either as an initial load or which have been locked for editing. Once the load to Inseason, or load to domestic is completed, the table is cleared of the loaded records. Note the currently in edit flag must = 'F' for the record to be deleted. as with the other atlas transaction tables transaction histories are maintained.

Column Name	Column Comments
ATLAS_VERSION	Version of Atlas which was installed at sea and from which the submitted dataset was obtained.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_PLANT_SEQ	Sequence generated unique value for a cruise plant record.
CRUISE_VESSEL_SEQ	Client Sequence generated unique identifier for a cruise vessel.
CURRENTLY_IN_EDIT_FLAG	This flag identifies a record as having been loaded into the inseason or domestic set of tables and then locked for editing. ATL_ transaction tables will read this flag and prevent CRUD processes unless the user signed on is the same as the user who locked the record.

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_LOAD_QUEUE

This entity represents the list of records which has been loaded into the ATL_ tables in Norpac either as an initial load or which have been locked for editing. Once the load to Inseason, or load to domestic is completed, the table is cleared of the loaded records. Note the currently in edit flag must = 'F' for the record to be deleted. as with the other atlas transaction tables transaction histories are maintained.

Column Name	Column Comments
DATE_ENTERED_INTO_QUEUE	Timestamp of when this record was entered into the queue.
DOMESTIC_LOAD_DATETIME	Timestamp of data load to domestic.
EDITOR	The user who has locked this record for editing. It is mandatory when the currently in edit flag is set to Y and set to NULL when the currently in edit flag is set to N
EDIT_DATE	This attribute is a timestamp created when the currently in edit flag is set to Y and NULL when the currently in edit flag is set to N.
INSEASON_LOAD_DATETIME	Timestamp of data movement to Inseason.
LOAD_QUEUE_ID	Sequence Generated Unique Identifier for records that are currently queued for loading.
LOAD_TO_DOMESTIC_FLAG	This flag identifies this record as a candidate to be loaded into the domestic set of tables.
LOAD_TO_INSEASON_FLAG	This flag identifies this record as a candidate to be loaded into the inseason set of tables.
MARK_DELETED_FLAG	This flag indicates that this set of records is to be marked as deleted in the inseason, domestic or both sets of data tables.

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Table Name ATL_LOV_ANIMAL_TYPE

Column Name	Column Comments
ANIMAL_TYPE_CODE	Animal type identifier for deterrence and condition
DESCRIPTION	Description of type and usage.

****

Table Name ATL_LOV_BAIT_USED

Type of bait used for fixed gear vessels only.

Column Name	Column Comments
BAIT_USED_SEQ	Sequence generated unique identifier of a bait used record
CODE	Identifies the type of bait used and the value is generated by FMA staff
NAME	Descriptive name of a code.

****

Table Name ATL_LOV_CDQ

This entity maps to the Norpac CDQ_Codes table and contains unique CDQ organization and research codes and their descriptive names and descriptions.

Column Name	Column Comments
CDQ_CODE	Unique AlphaNumeric code representing a CDQ or research group
DESCRIPTION	Descriptive text or full CDQ Group name.

****

Table Name ATL_LOV_CONDITION

Condition of prohibited species at time of examination. Animal type included to allow expansion into the description of birds as well as mammals. Derived from the NORPAC Mammal_Condition table

Column Name	Column Comments
ANIMAL_TYPE_CODE	Refers the the class of animal for example M - mammal H-halibut. Referencing atl_lov_animal_type.

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_LOV_CONDITION

Condition of prohibited species at time of examination. Animal type included to allow expansion into the description of birds as well as mammals. Derived from the NORPAC Mammal_Condition table

Column Name	Column Comments
CONDITION_CODE	Numeric code identifying the injury
DESCRIPTION	Descriptive text of a condition resulting from an injury that may have been incurred during fishing operations.

Table Name ATL_LOV_DETERRENCE

This entity maps to both the Norpac Bird_Deterrence and the Mammal_Deterrence tables. In Atlas the animal_type column was added to allow this.

Column Name	Column Comments
ANIMAL_TYPE_CODE	Class of animal mammal (M), bird (B) for which the deterrence was utilized. References ATL_LOV_Animal_TYPEClass of animal mammal (M), bird (B) for which the deterrence was utilized
DESCRIPTION	Descriptive text of deterrence method used.
DETERRENCE_CODE	Deterrence code from NORPAC bird or mammal deterance tables

Table Name ATL_LOV_GEAR_PERFORMANCE

This entity maps to the Norpac Gear_Performance Table.

Column Name	Column Comments
DESCRIPTION	Descriptive text for a performance code
GEAR_PERFORMANCE_CODE	Unique performance code for a gear type.

Table Name ATL_LOV_GEAR_TYPE

This table maps to the Norpac Domestic_Gear table and contains the valid gear types for both observed hauls and observed offloads.

Column Name	Column Comments
DESCRIPTION	Descriptive text for a gear
GEARTYPE_FORM	Form that the gear is valid for. For example the gear may be Unknown for a delivery but will always be determined for a haul.
GEAR_TYPE_CODE	Numeric value from Norpac Domestic Gear that combined with the Form defines the unique identifier for a gear record

Table Name ATL_LOV_HAUL_PURPOSE

Data from hauls may be collected for purposes other than estimates of catch and discards. Special projects are funded from time to time which require their own data sets and which may be analyzed independently of NORPAC data. This table validates the observer entered project identifier which is not validated by the deployed version of ATLAS.

Column Name	Column Comments
DESCRIPTION	Description of the Special Project or other purpose for the collection of these data.
HAUL_PURPOSE_CODE	Max two character code describing the function of this haul - defaults to CA (catch accounting) but may contain codes specifying any special project. Path for loading into new schema structure has not been discussed.

Table Name ATL_LOV_MAMMAL_INTERACTION

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_LOV_MAMMAL_INTERACTION

This entity maps to the Norpac Mammal_Interaction table and is a list of the currently defined and recorded marine mammal interactions.

Column Name	Column Comments
DESCRIPTION	Descriptive text of an interaction. The data is supplied from Norpac.
MAMMAL_INTERACT_CODE	Numeric code uniquely identifying a mammal interaction. The value is suppllied at data load from Norpac

****

Table Name ATL_LOV_MAMMAL_SPECIES_CODE

This entity represents the species of a marine mammal. It includes the unique NORPAC species code as well as common and scientific names.

Column Name	Column Comments
COMMON_NAME	Common or Management name for a species.
MAMMAL_SPECIES_CODE	Unique identifier for a species imported from Norpac
SCIENTIFIC_NAME	Scientific Name (genus-species)

****

Table Name ATL_LOV_MAMMAL_SPECIMEN_TYPE

This entity represents the type of biota sample taken. For example: Tooth; Tissue. And any comments about the sample or the process. The specimen type table applies to mammal specimens. It allows the growth of sample types to be collected over time without interative changes to the structure of the specimen tables. The description provides what is to be collected and the value is recorded in the specimen table.

Column Name	Column Comments
DESCRIPTION	Descriptive text identifying the sample.
SPECIMEN_TYPE_SEQ	Unique identifier of a specimen type
VALUE_REQUIRED_FLAG	Identifies whether a value is required or prohibited in the resusting specimen table. If for example the presence or absence is of a specimen is the value e.g Specimen Type = "Blubber Sample" then the value required flag = 'N' and the existence of the specimen record of that type is the indicator.

****

Table Name ATL_LOV_MATURITY

This entity represents the valid maturity values which may be applied to a species and recorded in the Fish_Inv_Specimen table

Column Name	Column Comments
CODE	Alpha-Numeric code identifying the level of maturity.
DESCRIPTION	Descriptive text of the maturity level.
MATURITY_SEQ	Sequence generated unique identifier of a maturity record.

****

Table Name ATL_LOV_PLANT

The lov_plant table is populated from the vessplant table in Norpac. In Norpac a plant is identified by a leading P in the vessel code field.

Column Name	Column Comments
NAME	Name of a processing plant - inherited from the NORPAC data set
PERMIT	Unique Permit identifying a processing plant - inherited from the NORPAC data set. It is assigned by RAM division at the regional office in Juneau.
PLANT_CODE	VessPlnt code from old NORPAC system. This code may ultimately be retired, but is essential to the transitional ETL from Atlas to Inseason and Domestic.

Table Name ATL_LOV_PLANT

The lov_plant table is populated from the vessplant table in Norpac. In Norpac a plant is identified by a leading P in the vessel code field.

Column Name	Column Comments
PLANT_SEQ	Sequence generated unique identifier for a processing plant.

Table Name ATL_LOV_PORT_CODE

List of Plants and Processors locations generated by FMA staff. Reference observer manual trip data instructions.

Column Name	Column Comments
NAME	Descriptive name of a Port of embarkation or destination.
PORT_CODE	User defined unique identifier of a port currently limited to 1 - 12

Table Name ATL_LOV_PROHIB_SPECIES_GROUP

This entity represents the groups of species that an individual species may belong to. Specifically it denotes the class of prohibited species and contains a code for all non-prohibited animals.

Column Name	Column Comments
NAME	Descriptive name of prohibited species group
PROHIB_SPECIES_GROUP_CODE	Alpha code identifying the group that a species may belong to.

Table Name ATL_LOV_RBT_CODE

Random Break Table is not associated with a Norpac source table. This table contains only two rows Yes and No. The descriptive text is used as an explanatory field for the observers in the field. The implimentation as a table rather than as a domain was for the convenience of the GUI.

Column Name	Column Comments
DESCRIPTION	Descriptive text
RBT_CODE	Currently limted to Y (es) or N(o)

Table Name ATL_LOV_RST_CODE

Random Sample Reference Table

Column Name	Column Comments
DESCRIPTION	
RST_CODE	

Table Name ATL_LOV_SALMON_RELIABILITY

This entity describes whether the numbers of salmon recorded in the salmon table were determined from a Whole Haul or some Other grouping.

Column Name	Column Comments
DESCRIPTION	Descriptive text currently limited to Whole Haul and Other
RELIABILITY_CODE	Unique Numeric Value

Table Name ATL_LOV_SAMPLE_SYSTEM_CODE

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_LOV_SAMPLE_SYSTEM_CODE

This entity maps to the Norpac age_collection_codes table. Norpac source includes all sample system codes. In Atlas ony includes codes form norpac source where collection code = 1,2, 3

Column Name	Column Comments
DESCRIPTION	Descriptive text.
SAMPLE_SYSTEM_CODE	Unique numeric identifier of a sample coding system.

****

Table Name ATL_LOV_SPECIES_CODE

This entity maps to the Norpac domestic_species table

Column Name	Column Comments
COMMON_NAME	Common or Management name for a species.
EGGS_REQUIRED_FLAG	For prohibited crab species where sex = F. The flag identifies whether the observer must record the presence or absence of eggs.
PROHIB_SPECIES_GROUP_CODE	Alpha code identifying the group that a species may belong to.
SCIENTIFIC_NAME	Scientific Name (genus-species)
SPECIES_CODE	Unique identifier for a species imported from Norpac
SPECIES_COMP_SEX_REQUIRED_FLAG	For species with this flag set to yes, the user interface will require that the sex of the species composition record be recorded.
WEIGHT_AND_NUMBER_REQD	Indicates whether the weight and number of animals are required for a subsequent species composition record.

****

Table Name ATL_LOV_SPECIES_MATURITY

This entity represents the intersection of species and maturity. The resulting species maturity may be applied to an individual specimen of known species, sex, and length

Column Name	Column Comments
MATURITY_SEQ	Sequence generated unique identifier of a maturity record.
SPECIES_CODE	Unique identifier for a species imported from Norpac

****

Table Name ATL_LOV_SPECIMEN_TYPE

This entity maps to the Norpac age_structure_codes table. Atlas contains only currently valid codes.

Column Name	Column Comments
DESCRIPTION	Descriptive text for this specimen type. This is where what is being measured or commented about is described.
SPECIMEN_TYPE	Unique numeric value for a specimen type record.
VALUE_REQUIRED_FLAG	Values may or may not be required for a specific specimen type. Biometric measurements require them. Descriptive elements may not.

****

Table Name ATL_LOV_TIME_LOST_REASON

This Entity contains the valid codes for which time may be recorded as lost for a vessel trip.

Column Name	Column Comments
NAME	Descriptive Name of a time lost reason
TIME_LOST_CODE	Unique Reason code for lost fishing time.

****

Table Name ATL_LOV_VESSEL

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_LOV_VESSEL

The lov_vessel table is populated from the VessPlnt table in Norpac. A vessel is identified by a leading A in the vessel_code field.

Column Name	Column Comments
ADFG_NUMBER	Alaska Dept of Fish and Game unique vessel identifier.
LENGTH	Mandatory length of a vessel from the regional office LOA.
NAME	Name a vessel - inherited from the NORPAC data set
PERMIT	Unique Code identifying a vessel - inherited from the NORPAC data set and created by the RAM division in Juneau
VESSEL_CODE	VessPlnt code from old NORPAC system. This code may ultimately be retired, but is essential to the transitional ETL from Atlas to Inseason and Domestic.
VESSEL_SEQ	Sequence Generated unique identifier of an Atlas vessel record. The lov vessel table combines the vessplant and catcher boat code tables.

****

Table Name ATL_LOV_VESSEL_TYPE

This entity maps to the Norpac Domestic_Vessel_Type table. Note that the Alpha code does not carry over into the Atlas application.

Column Name	Column Comments
DESCRIPTION	Descriptive text of a vessel type code.
VESSEL_TYPE	Unique identifier of a vessel type

****

Table Name ATL_MAMMAL

This entity contains the mammal data specific to a haul or a trip.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
HAUL_SEQ	Sequence generated unique identifier for a haul record
MAMMAL_SEQ	Sequence generated unique identifier for a mammal record
MAMMAL_SPECIES_CODE	Unique identifier for a species imported from Norpac
NUMBER_OF_ANIMALS	Number of animals involved with this interaction
OFFLOAD_SEQ	Sequence generated unique identifier for an offload record
TRIP_SEQ	Sequence generated unique identifier of a trip

****

Table Name ATL_MAMMAL_INTERACTION

This entity records marine mammal interactions that coud occur at the haul level or the trip level.

Column Name	Column Comments
COMMENTS	Observer entered comments regarding this interaction.
CONDITION_ANIMAL_TYPE	FK from the LOV_Condition_Table. Refers the the class of animal for example M - mammal H-halibut. Enforced by the Domain Animal Type.
CONDITION_CODE	FK from the LOV_Condition_Table. Numeric code identifying the injury
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
DETERRENCE_ANIMAL_TYPE	Optional FK from LOV_Deterrence. Class of animal mammal (M), bird (B) for which the deterrence (if it exists) was utilized
DETERRENCE_CODE	Optional FK from LOV_Deterrence combined with deterrence_animal type. Deterrence codes are from NORPAC bird or mammal deterance tables.
DETERRENCE_SUCCESS_FLAG	Identifies whether or not the deterence measures applied were successful

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name **ATL_MAMMAL_INTERACTION**

This entity records marine mammal interactions that coud occur at the haul level or the trip level.

Column Name	Column Comments
INTERACTION_DATE	Date the mammal interaction was observed. If an interaction record is related to an offload or a haul this date is inferred as the haul date or offload end date. If the interaction is related to a trip the interaction date is mandatory.
INTERACTION_SEQ	Sequence within Mammal Parent record
LATITUDE_DEGREES	Latitude at which the interaction with a mammal occured.
LATITUDE_MINUTES	Latitude at which the interaction with a mammal occured.
LATITUDE_SECONDS	Latitude at which the interaction with a mammal occured.
LONGITUDE_DEGREES	Longitude at which the interaction with a mammal occured.
LONGITUDE_EW	Identifies the logitude as E(ast) or W(est)
LONGITUDE_MINUTES	Longitude at which the interaction with a mammal occured.
LONGITUDE_SECONDS	Longitude at which the interaction with a mammal occured.
MAMMAL_INTERACT_CODE	Numeric code uniquely identifying a mammal interaction. The value is suppllied at data load from Norpac
MAMMAL_SEQ	Sequence generated unique identifier for a mammal record
NUMBER_OF_ANIMALS	Number of animals involved with this interaction
OBSERVATION_FLAG	Did the observer physically witness the interaction.
SPECIES_CODE	Unique identifier for a species imported from Norpac

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Table Name **ATL_MAMMAL_SPECIMEN**

This entity maps to the Norpac Domestic_Mammal_Specimen Table

Column Name	Column Comments
ANIMAL_NUMBER	User Entered identifier or a particular animal within a mammal interaction. This number is unique in combination with a specimen type.
COMMENTS	Observer entered comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
INTERACTION_SEQ	Sequence within Mammal Parent record
MAMMAL_SPECIMEN_SEQ	Sequence within Mammal Parent.
SEX	Sex of a mammal speciem (M)ale, (F)emale, (U)nknown or undertermined.
SPECIMEN_NUMBER	A specimen number is unique with a mammal record. It is auser defined identifier.
SPECIMEN_TYPE_SEQ	Unique identifier of a specimen type
VALUE	If the Specimen Type requires a value to be entered this attribute is the data store.

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Table Name **ATL_NON_FISHING_DAY**

This entity represents the date and location of every day during a trip where fishing did not occur.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_VESSEL_SEQ	Sequence generated unique identifier for a cruise vessel.
LATITUDE_DEGREES	Latitude of non fishing day (not time specfic) in degrees.
LATITUDE_MINUTES	Latitude of non fishing day (not time specfic) in minutes
LATITUDE_SEC	Latitude of non fishing day (not time specfic) in seconds
LONGITUDE_DEGREES	Longitude of of non fishing day (not time specfic) in degrees.

Table Name **ATL_NON_FISHING_DAY**

This entity represents the date and location of every day during a trip where fishing did not occur.

Column Name	Column Comments
LONGITUDE_EW	East West Longitude indicator for a non fishing day locaton.
LONGITUDE_MINUTES	Longitude of non fishing day (not time specfic) in minutes
LONGITUDE_SEC	Longitude of non fishing day (not time specfic)
NONFISH_DATE	Date on which no fishing activity occured
NO_FISHING_DAY_SEQ	Sequence generated unique identifier of a non-fishing day record

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Table Name **ATL_OBSERVER_CRUISE**

Records within Atlas the essentials of an observer contract.

Column Name	Column Comments
CREATE_DATE	Timestamp that record was created
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
FIRST_NAME	Observer First Name
LAST_NAME	Observer Last Name
PASSWORD	Password entered by the lead observer for use by all observers on a cruise.

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Table Name **ATL_OFFLOAD**

This entity represents an offload event at a processing plant or mothership.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
CRUISE_PLANT_SEQ	Sequence generated unique value for a cruise plant record.
DELIVERED_WEIGHT	Total weight of the delivery
DELIVERY_END_DATE	Date the delivery was complete.
DELIVERY_VESSEL_ADFG	ADFG number entered by the observer if the delivering vessel does not exist in the vessel lookup table.
GEARTYPE_FORM	Form that the gear is valid for. For example the gear may be Unknown for a delivery but will always be determined for a haul.
GEAR_TYPE_CODE	Numeric value from Norpac Domestic Gear that combined with the Form defines the unique identifier for a gear record
GROUNDFISH_WEIGHED_FLAG	Identifies whether or not all the groundfish were weighed.
LB_MT	Pounds or Metric Tons identifier of weight.
NMFS_AREA	NMFS Reporting Area
OFFLOAD_NUMBER	Unique offload for an observer cruise entered by the observer.
OFFLOAD_SEQ	Sequence generated unique identifier for an offload record
OFFLOAD_TO_TENDER_FLAG	Identifies if a tender was used to make this delivery.
PLANT_SEQ	Optional FK to Plant. Part of arc involving catcher vessel, haul, and cruise plant. Code identifying a processing plant - inherited from the NORPAC data set. The plant seq is an autogenerated unique identifier.
SORTED_AT_SEA_FLAG	Identifies catch sorted by the catcher vessel at sea.
TOTAL_POLLOCK_WEIGHT	Identifies the total weight of pollock delivered
TRIP_SEQ	Sequence generated unique identifier of a trip

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Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name ATL_PERCENT_RETAINED

This entity records the amount of each species retained, for that species in a haul.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
HAUL_SEQ	Sequence generated unique identifier for a haul record
SPECIES_CODE	Unique identifier for a species imported from Norpac
TOTAL_PERCENT_RETAINED	Percent retained value for that species for this haul.

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Table Name ATL_RECORD_STATUS

This entity represents the list of records which will or has been trasmitted to AFSC. It identifies the table, unique identifier, action status (CRUD), and transmission status of each record.

Column Name	Column Comments
CREATION_DATE	Load date from working to production tables.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record. Here it identifies which cruise this element in the recordset belongs to.
DEBRIEFED_FLAG	This attribute defaults to N when loaded from the field. Validation of the record during the debriefing process, sets the value to 'Y'.
EDITOR	Current user when record was changed.
LOADED_TO_ATLAS_FLAG	This attribute defaults to N when loaded from the field. Successful transfer to the production ATL tables, sets the value to 'Y'.
MODIFIED_DATE	Date of last edit to any value in the record.
PK1_COLUMN_NAME	Primary key column name for the referenced table.
PK1_VALUE	Primary key column value for the referenced table.
PK2_COLUMN_NAME	Compound primary key column name for the referenced table.
PK2_VALUE	Compound primary key column value for the referenced table.
RECORD_SET_STATUS_SEQ	Sequence generated unique identifier of a record set header
RECORD_STATUS_SEQ	Sequence Generated Unique Identifier for records that are currently queued for loading.
STATUS_CODE	This attribute identifies the action taken on this record. Valid Values I = Insert, U = Update, D = delete
TABLE_NAME	Table name from which a record is inserted, updated or deleted.

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Table Name ATL_SALMON

Retrofitted from table SALMON_TABLE

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
FISHING_TEMP	Temperature recorded at fishing depth
HAUL_SEQ	Sequence generated unique identifier for a haul record
NUMBER_CHINOOK	Number of Chinook recorded.
NUMBER_OTHER	Number of Other salmon species recorded
NUMBER_UNIDENTIFIED	Number of Salmon which could not be identified by species.
OFFLOAD_SEQ	Sequence generated unique identifier for an offload record
RELIABILITY_CODE	Unique Numeric Value
SALMON_SEQ	Sequence generated unique identifier of a salmon record
SCALE	Whether the temperature was recorded in degrees farenheit or celsius.

Table and Column Comments
AFSC Atlas-NORPAC Data Dictionary

Table Name   ATL_SALMON

Retrofitted from table SALMON_TABLE

Column Name	Column Comments
SURFACE_TEMP	Surface temperature of the water. Applicable only to hauls.

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Table Name   ATL_SAMPLE

This entity represents the individual samples of a type that may be collected from an observed haul. It does not currently map to any Norpac table, but is header information for species composition.If there are rare species present in sample and there exist multiple predominant species, a recursive subsample or subsamples may be created. The sum of the weights of the subsamples must be less than or equal to the parent sample.

Column Name	Column Comments
COMBINED_SAMPLE_FLAG	Identifies whether unique samples within a haul have been aggregated together.
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
HAUL_SEQ	Sequence generated unique identifier for a haul record
OFFLOAD_SEQ	Sequence generated unique identifier for an offload record
PARENT_SAMPLE_SEQ	Sequence generated unique identifier of a sample
PRESORTED_FLAG	This flag indicates that child species composition records did not come from and unsorted catch. Generally if a single large animal was removed before sampling began and so was not available for inclusion in any random sample
SAMPLE_HOOKS_POTS	Number of hooks or pots sampled.
SAMPLE_NUMBER	Sequence within either haul or offload parent. This value is auto-generated but not necessarily unique.
SAMPLE_SEQ	Sequence generated unique identifier of a sample
TOTAL_SAMPLE_WEIGHT	Total weight in kg of this sample.

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Table Name   ATL_SCANNED_AGE

Column Name	Column Comments
CRUISE	Cruise is a new column for this table, and required to guarantee uniqueness between trips.
PERMIT	This is the Federal Fishery Permit for the vessel or processing plant from which the specimen was extracted.
SPECIES_CODE	Species from which otolith was taken. Must match corresponding specimen species for this cruise and specimen number.
SPECIMEN_NUMBER	Unique identifier in combination with a cruise for an otolith specimen. This is the same value as the specimen number entered in the ATL Fish Inv Specimen Table

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Table Name   ATL_SPECIES_COMPOSITION

This entity maps to the Norpac Species_Comp_Detail Table.

Column Name	Column Comments
CRUISE	Sequence generated by Norpac and supplied to the observer as an unique identifier for an observer cruise record.
SAMPLE_SEQ	Sequence generated unique identifier of a sample
SEX_CODE	Sex if so identified.
SPECIES_CODE	Unique identifier for a species imported from Norpac
SPECIES_COMPOSITION_SEQ	Sequence Generated unique identifier of a species composition record

Table Name **ATL_SPECIES_COMPOSITION**

This entity maps to the Norpac Species_Comp_Detail Table.

Column Name	Column Comments
SPECIES_NUMBER	Number of individual animals in the sample. Either the species number or the species weight may be null, but not both.
SPECIES_WEIGHT	Weight of each species in the sample in kg. Either the species number or the species weight may be null, but not both.