|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SVDBS Elements by Table and Column (9 Tables and 187 Elements Total)** | | | | | | |
| **SVDBS\_CRUISES** | | | | | | |
| **Data view conatining unique records for each cruise conducted by or through the NEFSC** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| CRUISE6 | CRUISE6 | | | Code uniquely identifying cruise. The first four digits indicate the year and the last two digit uniquely identify the cruise within the year. | | VARCHAR2(6) |
| PURPOSE\_CODE | PURPOSE CODE | | | Code referencing purpose of cruise conducted. See SVCRUISE\_PURPOSE table. | | VARCHAR2(2) |
| PURPOSE | PURPOSE | | | Description of purpose\_code to identify type of cruise conducted (e.g. Bottom Trawl, Scallop, Clam, etc.) | | VARCHAR2(100) |
| STATUS\_CODE | STATUS CODE | | | Code referencing whether or not a cruise is available in the SVDBS system. Status of data: 10 = Final data available in master tables 15 = Preliminary data available in master tables 20 = Data unavailable in master tables. | | VARCHAR2(2) |
| STATUS | STATUS | | | A code designating whether a cruise is availabe to users. Status of data: 10 = Final data available in master tables; 15 = Preliminary data available in master tables; 20 = Data unavailable in master tables. | | NUMBER(4) |
| SEASON | SEASON | | | Season of the year in which cruise was conducted. | | VARCHAR2(6) |
| YEAR | YEAR | | | Year in which cruise was conducted. | | VARCHAR2(4) |
| **SVGEAR** | | | | | | |
| **Support table containing gear codes and descriptions for the field SVGEAR of the table SVSTA\_BASE.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| SVGEAR | SURVEY GEAR | | | Code referencing predominant gear type used on a cruise. See svdbs.svgear table. | | VARCHAR2(2) |
| GEAR\_DEFINITION | GEAR DEFINITION | | | Type and description of gear. | | VARCHAR2(300) |
| DOE | DATE OF ENTRY | | | Date when record was inserted into Oracle. Date format (MM/DD/YY HH:MI:SS). | | DATE |
| DOC | DATE OF CHANGE | | | Date when the current record was updated or changed. Date format (MM/DD/YY HH:MI:SS). | | DATE |
| UOE | USER OF ENTRY | | | The Oracle username of the individual who entered the new record. | | VARCHAR2(8) |
| UOC | USER OF CHANGE | | | The Oracle username of the individual who changed the current record. | | VARCHAR2(8) |
| **SVGFSPP** | | | | | | |
| **Snapshot containing all species codes, common and scientific names, and length weight coefficients. Derived from the table SVSPECIES\_LIST** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| SCINAME | SCIENTIFIC NAME | | | Scientific name of specimen. | | VARCHAR2(45) |
| SVSPP | SPECIES CODE | | | A three digit alphanumeric filed used to code each species caught in a trawl or dredge. Refer to the svdbs.svspecies\_list table for all 3 digit species codes. | | NUMBER |
| SEX | SEX | | | Code indicating sex of fish or invertebrate species. See svdbs.fscs\_sex\_codes table if using fscs data and svdbs.sex\_codes table if using non fscs data. Codes 0,1,and 2 are the only valid codes in fscs tables. | | NUMBER |
| COMNAME | COMMON NAME | | | Accepted common name of a fish or invertebrate species. | | VARCHAR2(80) |
| SVLWCOEF | SPECIES LENGTH WEIGHT COEFFICIENT | | | Species length-weight equation coefficient. | | NUMBER(7,5) |
| SVLWEXP | SURVEY LENGTH WEIGHT EXPONENT | | | Species length-weight equation exponent. | | NUMBER |
| SVLENMIN | SPECIES MINIMUM LENGTH | | | Species minimum expected length for auditing purposes. | | NUMBER(4) |
| SVLENMAX | SPECIES MAXIMUM LENGTH | | | Species maximum expected length for auditing purposes. | | NUMBER(5) |
| **SVMSTRATA** | | | | | | |
| **Historical support table containing all acceptable stratum codes.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| STRGRP\_DESC | STRATUM GROUP DESCRIPTION | | | Description of stratum group. | | VARCHAR2(22) |
| STRATUM | STRATUM | | | A predefined area where a net dredge, or other piece of gear was deployed. Code consists of 3 parts: Stratum group code number (2 bytes) and stratum number (3 bytes). Stratum group refers to if area fished is inshore or offshore North or South of Cape Hatteras or the type of cruise (shellfish, State of MA, offshore deepwater). The stratum number (third and fourth digits of code) refers to area defined by depth zone. See svdbs.svmstrata. The fifth digit of the code increases the length of the stratum number for revised strata after the Hague Line was established. Stratum group code: 01 = Trawl, offshore north of Hatteras 02 = BIOME 03 = Trawl, inshore north of Hatteras 04 = Shrimp 05 = Scotian shelf 06 = Shellfish 07 = Trawl, inshore south of Hatteras 08 = Trawl, Offhore south of Hatteras 09 = MA DMF 99 = Offshore deepwater (outside the stratified area) A change in Bottom Trawl Stratum for the Gulf of Maine-Bay of Fundy has been in effect since Spring 1987, and may be summarized as follows: Previous strata: 01350 Present strata: 01351, 01352 | | VARCHAR2(5) |
| STRATUM\_NAME | STRATUM NAME | | | Name of stratum area. | | VARCHAR2(16) |
| STRATUM\_AREA | STRATUM AREA | | | Stratum area measured in square nautical miles. | | NUMBER(6) |
| MIDLAT | MID LATTITUDE | | | Middle latitude in stratum for auditing purposes. | | NUMBER(4) |
| MIDLON | MID LONGITUDE | | | Middle longitude in stratum for auditing purposes. | | NUMBER(4) |
| MINLAT | MINIMUM LATITUDE | | | Minimum latitude in stratum for auditing purposes. | | NUMBER(4) |
| MAXLAT | MAXIMUM LATITUDE | | | Maximum latitude in stratum for auditing purposes. | | NUMBER(4) |
| MINLON | MINIMUM LONGITUDE | | | Minimum longitude in stratum for auditing purposes. | | NUMBER(4) |
| MAXLON | MAXIMUM LONGITUDE | | | Maximum longitude in stratum for auditing purposes. | | NUMBER(4) |
| BLOCKS | BLOCKS | | | Statistical area blocks. | | NUMBER(3) |
| NOTOWS | NUMBER OF TOWS | | | Number of tows for a given stratum. | | NUMBER(2) |
| DOE | DATE OF ENTRY | | | Date when record was inserted into Oracle. Date format (MM/DD/YY HH:MI:SS). | | DATE |
| DOC | DATE OF CHANGE | | | Date when the current record was updated or changed. Date format (MM/DD/YY HH:MI:SS). | | DATE |
| UOE | USER OF ENTRY | | | The Oracle username of the individual who entered the new record. | | VARCHAR2(8) |
| UOC | USER OF CHANGE | | | The Oracle username of the individual who changed the current record. | | VARCHAR2(8) |
| **SV\_VESSEL** | | | | | | |
| **Support table identifying all vessel codes and descriptions.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| VESSEL\_NAME | VESSEL NAME | | | Name of vessel. | | VARCHAR2(20) |
| VESSEL\_ABBREV | VESSEL ABBREVIATION | | | Two character field coding vessel name. | | VARCHAR2(4) |
| COUNTRY\_OF\_ORIGIN | COUNTRY OF ORIGIN | | | Country of origin of vessel. | | VARCHAR2(20) |
| HOME\_PORT | HOME PORT | | | Home port of vessel. | | VARCHAR2(20) |
| AGENCY\_NAME | AGENCY NAME | | | Name of state or federal agency that utilizes the vessel. | | VARCHAR2(20) |
| LENGTH\_OVERALL\_FT | OVERALL LENGTH IN FEET | | | Overall length of vessel measured to nearest foot. | | NUMBER |
| CONSTRUCTION | CONSTRUCTION | | | Construction material of vessel. | | VARCHAR2(20) |
| YEAR\_BUILT | YEAR BUILT | | | Year vessel was built. | | VARCHAR2(4) |
| **UNION\_FSCS\_SVBIO** | | | | | | |
| **Materialized view joining pre-FSCS and FSCS data sets into one structure. Contains individual fish and invertebrate data.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| CRUISE6 | CRUISE6 | | | Code uniquely identifying cruise. The first four digits indicate the year and the last two digit uniquely identify the cruise within the year. | | VARCHAR2(6) |
| CRUISE | CRUISE CODE | | | Cruise code - first to digits reflect year and second 2 are numbers sequentially assigned to indicate the order in which the cruises were coded. | | NUMBER |
| STRATUM | STRATUM | | | A predefined area where a net dredge, or other piece of gear was deployed. Code consists of 3 parts: Stratum group code number (2 bytes) and stratum number (3 bytes). Stratum group refers to if area fished is inshore or offshore North or South of Cape Hatteras or the type of cruise (shellfish, State of MA, offshore deepwater). The stratum number (third and fourth digits of code) refers to area defined by depth zone. See svdbs.svmstrata. The fifth digit of the code increases the length of the stratum number for revised strata after the Hague Line was established. Stratum group code: 01 = Trawl, offshore north of Hatteras 02 = BIOME 03 = Trawl, inshore north of Hatteras 04 = Shrimp 05 = Scotian shelf 06 = Shellfish 07 = Trawl, inshore south of Hatteras 08 = Trawl, Offhore south of Hatteras 09 = MA DMF 99 = Offshore deepwater (outside the stratified area) A change in Bottom Trawl Stratum for the Gulf of Maine-Bay of Fundy has been in effect since Spring 1987, and may be summarized as follows: Previous strata: 01350 Present strata: 01351, 01352 | | VARCHAR2(5) |
| TOW | TOW | | | Sequential number representing order in which station was selected within a stratum. | | VARCHAR2(3) |
| STATION | STATION | | | Unique sequential order in which stations have been completed. Hangups and short tows each receive a non-repeated consecutive number. | | VARCHAR2(4) |
| STATUS\_CODE | STATUS CODE | | | Code referencing whether or not a cruise is available in the SVDBS system. Status of data: 10 = Final data available in master tables 15 = Preliminary data available in master tables 20 = Data unavailable in master tables. | | VARCHAR2(2) |
| ID | IDENTIFICATION | | | Concatenation of cruise, stratum, tow and station values. | | VARCHAR2(18) |
| SVSPP | SPECIES CODE | | | A three digit alphanumeric filed used to code each species caught in a trawl or dredge. Refer to the svdbs.svspecies\_list table for all 3 digit species codes. | | NUMBER |
| CATCHSEX | CATCH SEX | | | A one digit alphanumeric code used to identify species that are sexed at the catch level. This code is used to represent the entire catch of a particular species and not an idividual fish or invertebrate. The available catchsex codes are as follows: 0=Unsexed 1 = Male 2 = Female Lobster codes (svspp=301): 0 = Forgot to look 1 = Male 2 = Female 3 = Female with egg 4 = Female V-notch 5 = Female V-notch with eggs Northern Shrimp codes (306): 1=Male 2=Female Stage I for Northern Shrimp 3=Female Stage II for Northern Shrimp 4=Transitional for Northern Shrimp 5=Ovigerous for Northern Shrimp 6=Non-spawning Female for Northern Shrimp 7=Female for Northern Shrimp not staged (stage I or II not determined) | | VARCHAR2(1) |
| INDID | INDIVIDUAL IDENTIFICATION NUMBER | | | A three character field assigning a unique identifier for each fish sampled within a species. | | NUMBER(3) |
| LENGTH | LENGTH | | | Measured length of species in centimeters (cm). Measure method differs by species. | | NUMBER(3) |
| INDWT | INDIVIDUAL WEIGHT | | | Individual weight of species being sampled, measured to the nearest thousandth of a kilogram. | | NUMBER |
| SEX | SEX | | | Code indicating sex of fish or invertebrate species. See svdbs.fscs\_sex\_codes table if using fscs data and svdbs.sex\_codes table if using non fscs data. Codes 0,1,and 2 are the only valid codes in fscs tables. | | NUMBER |
| MATURITY | MATURITY | | | A two digit alphanumeric field indicating the stage of maturation of the fish being sampled. See svdbs.fscs\_maturity\_codes table. | | VARCHAR2(1) |
| AGE | AGE | | | Age of specimen in years in UNION\_FSCS\_SVBIO table.. | | NUMBER(2) |
| STOM\_VOLUME | STOMACH VOLUME | | | A four digit number indicating the volume of the stomach contents of the fish sampled, measured to the nearest tenth of a cubic centimeter. | | NUMBER(5,1) |
| STOM\_WGT | STOMACH WEIGHT | | | A five digit number indicating the stomach weight of an individual fish, measured to the nearest thousandth of a gram. | | NUMBER(8,3) |
| CUTTER | CUTTER | | | A thirty character field indicating the individual who was measuring and cutting fish at a FSCS workstation. | | VARCHAR2(30) |
| RECORDER | RECORDER | | | A thirty character field indicating the individual who was recording the data from the cutter. | | VARCHAR2(30) |
| IND\_FISH\_COMMENTS | INDIVIDUAL FISH COMMENTS | | | A 500 character field for entering any information regarding an indiviual fish or invertebrate sampled. | | VARCHAR2(500) |
| **UNION\_FSCS\_SVCAT** | | | | | | |
| **Maretialized view joining pre-FSCS and FSCS data sets into one structure. Contains total number and weight of all species caught at a station.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| CRUISE6 | CRUISE6 | | | Code uniquely identifying cruise. The first four digits indicate the year and the last two digit uniquely identify the cruise within the year. | | VARCHAR2(6) |
| CRUISE | CRUISE CODE | | | Cruise code - first to digits reflect year and second 2 are numbers sequentially assigned to indicate the order in which the cruises were coded. | | NUMBER |
| STRATUM | STRATUM | | | A predefined area where a net dredge, or other piece of gear was deployed. Code consists of 3 parts: Stratum group code number (2 bytes) and stratum number (3 bytes). Stratum group refers to if area fished is inshore or offshore North or South of Cape Hatteras or the type of cruise (shellfish, State of MA, offshore deepwater). The stratum number (third and fourth digits of code) refers to area defined by depth zone. See svdbs.svmstrata. The fifth digit of the code increases the length of the stratum number for revised strata after the Hague Line was established. Stratum group code: 01 = Trawl, offshore north of Hatteras 02 = BIOME 03 = Trawl, inshore north of Hatteras 04 = Shrimp 05 = Scotian shelf 06 = Shellfish 07 = Trawl, inshore south of Hatteras 08 = Trawl, Offhore south of Hatteras 09 = MA DMF 99 = Offshore deepwater (outside the stratified area) A change in Bottom Trawl Stratum for the Gulf of Maine-Bay of Fundy has been in effect since Spring 1987, and may be summarized as follows: Previous strata: 01350 Present strata: 01351, 01352 | | VARCHAR2(5) |
| TOW | TOW | | | Sequential number representing order in which station was selected within a stratum. | | VARCHAR2(3) |
| STATION | STATION | | | Unique sequential order in which stations have been completed. Hangups and short tows each receive a non-repeated consecutive number. | | VARCHAR2(4) |
| STATUS\_CODE | STATUS CODE | | | Code referencing whether or not a cruise is available in the SVDBS system. Status of data: 10 = Final data available in master tables 15 = Preliminary data available in master tables 20 = Data unavailable in master tables. | | VARCHAR2(2) |
| ID | IDENTIFICATION | | | Concatenation of cruise, stratum, tow and station values. | | VARCHAR2(18) |
| SVSPP | SPECIES CODE | | | A three digit alphanumeric filed used to code each species caught in a trawl or dredge. Refer to the svdbs.svspecies\_list table for all 3 digit species codes. | | NUMBER |
| CATCHSEX | CATCH SEX | | | A one digit alphanumeric code used to identify species that are sexed at the catch level. This code is used to represent the entire catch of a particular species and not an idividual fish or invertebrate. The available catchsex codes are as follows: 0=Unsexed 1 = Male 2 = Female Lobster codes (svspp=301): 0 = Forgot to look 1 = Male 2 = Female 3 = Female with egg 4 = Female V-notch 5 = Female V-notch with eggs Northern Shrimp codes (306): 1=Male 2=Female Stage I for Northern Shrimp 3=Female Stage II for Northern Shrimp 4=Transitional for Northern Shrimp 5=Ovigerous for Northern Shrimp 6=Non-spawning Female for Northern Shrimp 7=Female for Northern Shrimp not staged (stage I or II not determined) | | VARCHAR2(1) |
| EXPCATCHNUM | CATCH NUMBER | | | Expanded number of individuals of a species caught at a given station. | | NUMBER(8) |
| EXPCATCHWT | CATCH WEIGHT | | | Expanded catch weight of a species caught at a given station, to the nearest thousandth of a kilogram, i.e. 3 decimal places. | | NUMBER(9,3) |
| LOGGED\_SPECIES\_NAME | LOGGED SPECIES NAME | | | A 45 character field indicating the common name of the species caught. | | VARCHAR2(45) |
| CATCH\_COMMENT | CATCH COMMENT | | | Comments on a species level. | | VARCHAR2(500) |
| **UNION\_FSCS\_SVLEN** | | | | | | |
| **Materialized view joining pre-FSCS and FSCS data sets into one structure. Contains total number of fish caught at each length for all species at a station.** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| CRUISE6 | CRUISE6 | | | Code uniquely identifying cruise. The first four digits indicate the year and the last two digit uniquely identify the cruise within the year. | | VARCHAR2(6) |
| CRUISE | CRUISE CODE | | | Cruise code - first to digits reflect year and second 2 are numbers sequentially assigned to indicate the order in which the cruises were coded. | | NUMBER |
| STRATUM | STRATUM | | | A predefined area where a net dredge, or other piece of gear was deployed. Code consists of 3 parts: Stratum group code number (2 bytes) and stratum number (3 bytes). Stratum group refers to if area fished is inshore or offshore North or South of Cape Hatteras or the type of cruise (shellfish, State of MA, offshore deepwater). The stratum number (third and fourth digits of code) refers to area defined by depth zone. See svdbs.svmstrata. The fifth digit of the code increases the length of the stratum number for revised strata after the Hague Line was established. Stratum group code: 01 = Trawl, offshore north of Hatteras 02 = BIOME 03 = Trawl, inshore north of Hatteras 04 = Shrimp 05 = Scotian shelf 06 = Shellfish 07 = Trawl, inshore south of Hatteras 08 = Trawl, Offhore south of Hatteras 09 = MA DMF 99 = Offshore deepwater (outside the stratified area) A change in Bottom Trawl Stratum for the Gulf of Maine-Bay of Fundy has been in effect since Spring 1987, and may be summarized as follows: Previous strata: 01350 Present strata: 01351, 01352 | | VARCHAR2(5) |
| TOW | TOW | | | Sequential number representing order in which station was selected within a stratum. | | VARCHAR2(3) |
| STATION | STATION | | | Unique sequential order in which stations have been completed. Hangups and short tows each receive a non-repeated consecutive number. | | VARCHAR2(4) |
| STATUS\_CODE | STATUS CODE | | | Code referencing whether or not a cruise is available in the SVDBS system. Status of data: 10 = Final data available in master tables 15 = Preliminary data available in master tables 20 = Data unavailable in master tables. | | VARCHAR2(2) |
| ID | IDENTIFICATION | | | Concatenation of cruise, stratum, tow and station values. | | VARCHAR2(18) |
| SVSPP | SPECIES CODE | | | A three digit alphanumeric filed used to code each species caught in a trawl or dredge. Refer to the svdbs.svspecies\_list table for all 3 digit species codes. | | NUMBER |
| CATCHSEX | CATCH SEX | | | A one digit alphanumeric code used to identify species that are sexed at the catch level. This code is used to represent the entire catch of a particular species and not an idividual fish or invertebrate. The available catchsex codes are as follows: 0=Unsexed 1 = Male 2 = Female Lobster codes (svspp=301): 0 = Forgot to look 1 = Male 2 = Female 3 = Female with egg 4 = Female V-notch 5 = Female V-notch with eggs Northern Shrimp codes (306): 1=Male 2=Female Stage I for Northern Shrimp 3=Female Stage II for Northern Shrimp 4=Transitional for Northern Shrimp 5=Ovigerous for Northern Shrimp 6=Non-spawning Female for Northern Shrimp 7=Female for Northern Shrimp not staged (stage I or II not determined) | | VARCHAR2(1) |
| LENGTH | LENGTH | | | Measured length of species in centimeters (cm). Measure method differs by species. | | NUMBER(3) |
| EXPNUMLEN | EXPANDED NUMBER AT LENGTH | | | Expanded number of specimens at a given length. | | NUMBER(8) |
| LOGGED\_SPECIES\_NAME | LOGGED SPECIES NAME | | | A 45 character field indicating the common name of the species caught. | | VARCHAR2(45) |
| LENGTH\_COMMENT | LENGTH COMMENT | | | Comments on a length by length basis. | | VARCHAR2(100) |
| **UNION\_FSCS\_SVSTA** | | | | | | |
| **Materialized view joining pre-FSCS and FSCS data sets into one structure. Contains station data for each station** | | | | | | |
| **Column Name** | **Long Name** | | | **Description** | | **Datatype** |
| CRUISE6 | CRUISE6 | | | Code uniquely identifying cruise. The first four digits indicate the year and the last two digit uniquely identify the cruise within the year. | | VARCHAR2(6) |
| CRUISE | CRUISE CODE | | | Cruise code - first to digits reflect year and second 2 are numbers sequentially assigned to indicate the order in which the cruises were coded. | | NUMBER |
| STRATUM | STRATUM | | | A predefined area where a net dredge, or other piece of gear was deployed. Code consists of 3 parts: Stratum group code number (2 bytes) and stratum number (3 bytes). Stratum group refers to if area fished is inshore or offshore North or South of Cape Hatteras or the type of cruise (shellfish, State of MA, offshore deepwater). The stratum number (third and fourth digits of code) refers to area defined by depth zone. See svdbs.svmstrata. The fifth digit of the code increases the length of the stratum number for revised strata after the Hague Line was established. Stratum group code: 01 = Trawl, offshore north of Hatteras 02 = BIOME 03 = Trawl, inshore north of Hatteras 04 = Shrimp 05 = Scotian shelf 06 = Shellfish 07 = Trawl, inshore south of Hatteras 08 = Trawl, Offhore south of Hatteras 09 = MA DMF 99 = Offshore deepwater (outside the stratified area) A change in Bottom Trawl Stratum for the Gulf of Maine-Bay of Fundy has been in effect since Spring 1987, and may be summarized as follows: Previous strata: 01350 Present strata: 01351, 01352 | | VARCHAR2(5) |
| TOW | TOW | | | Sequential number representing order in which station was selected within a stratum. | | VARCHAR2(3) |
| STATION | STATION | | | Unique sequential order in which stations have been completed. Hangups and short tows each receive a non-repeated consecutive number. | | VARCHAR2(4) |
| STATUS\_CODE | STATUS CODE | | | Code referencing whether or not a cruise is available in the SVDBS system. Status of data: 10 = Final data available in master tables 15 = Preliminary data available in master tables 20 = Data unavailable in master tables. | | VARCHAR2(2) |
| ID | IDENTIFICATION | | | Concatenation of cruise, stratum, tow and station values. | | VARCHAR2(18) |
| STATYPE | STATION TYPE | | | Code designating type of tow being performed (e.g. random vs. nonrandom tows). See svdbs.station\_value table for all statype codes and their descriptions. | | VARCHAR2(2) |
| HAUL | HAUL VALUE | | | Code for relative success of haul. See svdbs.haul\_value table. | | VARCHAR2(2) |
| GEARCOND | GEAR CONDITION CODE | | | Refer to svdbs.GEAR\_CONDITION table for gear condition codes. | | VARCHAR2(2) |
| SHG | STATION HAUL GEAR | | | Station, haul, gear values | | VARCHAR2(3) |
| TYPE\_CODE | Missing | | | Missing | | NUMBER(2) |
| TYPE\_COMMENT | Missing | | | Missing | | VARCHAR2(1000) |
| OPERATION\_CODE | Missing | | | Missing | | NUMBER(2) |
| OPERATION\_COMMENT | Missing | | | Missing | | VARCHAR2(1000) |
| GEAR\_CODE | Missing | | | Missing | | NUMBER(2) |
| GEAR\_COMMENT | Missing | | | Missing | | VARCHAR2(1000) |
| ACQUISITION\_CODE | Missing | | | Missing | | NUMBER(2) |
| ACQUISITION\_COMMENT | Missing | | | Missing | | VARCHAR2(1000) |
| TOGA | Missing | | | Missing | | NUMBER(8) |
| AREA | STATISTICAL AREA | | | Standard New England Statistical Area Code for the position of the beginning of the tow. | | VARCHAR2(3) |
| SVVESSEL | SURVEY VESSEL | | | Standard two character code for a survey vessel. Refer to svdbs.sv\_vessel table. | | VARCHAR2(2) |
| CRUNUM | CRUISE NUMBER | | | NOS consecutive cruise number on a particular vessel. | | VARCHAR2(2) |
| SVGEAR | SURVEY GEAR | | | Code referencing predominant gear type used on a cruise. See svdbs.svgear table. | | VARCHAR2(2) |
| BEGIN\_EST\_TOWDATE | BEGINNING EASTERN STANDARD TIME TOWDATE | | |  | | DATE |
| END\_EST\_TOWDATE | END EASTERN STANDARD TIME TOWDATE | | |  | | DATE |
| BEGIN\_GMT\_TOWDATE | BEGINNING GREENWICH MEAN TIME TOWDATE | | |  | | DATE |
| END\_GMT\_TOWDATE | END GREENWICH MEAN TIME TOWDATE | | |  | | DATE |
| EST\_YEAR | EASTERN STANDARD TIME YEAR | | |  | | VARCHAR2(4) |
| EST\_MONTH | EASTERN STANDARD TIME MONTH | | |  | | VARCHAR2(2) |
| EST\_DAY | EASTERN STANDARD TIME DAY | | |  | | VARCHAR2(2) |
| EST\_JULIAN\_DAY | Missing | | | Missing | | VARCHAR2(7) |
| EST\_TIME | EASTERN STANDARD TIME | | |  | | VARCHAR2(8) |
| GMT\_YEAR | GREENWICH MEAN TIME YEAR | | |  | | VARCHAR2(4) |
| GMT\_MONTH | GREENWICH MEAN TIME MONTH | | |  | | VARCHAR2(2) |
| GMT\_DAY | GREENWICH MEAN TIME DAY | | |  | | VARCHAR2(2) |
| GMT\_JULIAN\_DAY | Missing | | | Missing | | VARCHAR2(7) |
| GMT\_TIME | GREENWICH MEAN TIME | | |  | | VARCHAR2(8) |
| TOWDUR | TOW DURATION | | | Duration of tow. | | NUMBER(5,2) |
| SETDEPTH | SET DEPTH | | | A four digit number recording the depth, to the nearest meter, at the start of a trawl, dredge, or other survey gear deployment. | | NUMBER(4) |
| ENDDEPTH | DEPTH AT END OF TOW | | | Water depth (m) at end of tow. | | NUMBER(4) |
| MINDEPTH | MINIMUM DEPTH | | | Minimum depth at which gear fished. | | NUMBER(4) |
| MAXDEPTH | MAXIMUM DEPTH | | | Maximum depth at which gear fished. | | NUMBER(4) |
| AVGDEPTH | AVERAGE DEPTH | | | A four digit number recording the average depth, to the nearest meter, during a survey gear deployment. The SCS TrawlEvent used with FSCS records depth readings every 10 seconds during a typical 30-minute bottom trawl survey tow. | | NUMBER(4) |
| BEGEKVLOG | BEGINNING EKV LOG | | | An eight digit number measuring to the nearest thousandth of a nautical mile (E.g., 14564.345). Used to mark the beginning of a survey trawl for acoustic data purposes. | | NUMBER(8,3) |
| ENDEKVLOG | ENDING EKV LOG | | | An eight digit number measuring to the nearest thousandth of a nautical mile (E.g., 14564.345). Used to mark the end of a survey trawl for acoustic data purposes. | | NUMBER(8,3) |
| BEGLAT | BEGINNING LATITUDE | | | Beginning latitude of tow. | | NUMBER(9,4) |
| BEGLON | BEGINNING LONGITUDE | | | Beginning longitude of tow. | | NUMBER(9,4) |
| ENDLAT | ENDING LATITUDE | | | Latitude at end of tow. | | NUMBER(9,4) |
| ENDLON | ENDING LONGITUDE | | | Logitude at end of tow. | | NUMBER(9,4) |
| DECDEG\_BEGLAT | Missing | | | Missing | | NUMBER(10,6) |
| DECDEG\_BEGLON | Missing | | | Missing | | NUMBER(10,6) |
| DECDEG\_ENDLAT | Missing | | | Missing | | NUMBER(10,6) |
| DECDEG\_ENDLON | Missing | | | Missing | | NUMBER(10,6) |
| LORS1 | STARTING LORAN (1) | | | Starting Loran C time delay. | | VARCHAR2(9) |
| LORE1 | ENDING LORAN (1) | | | Ending Loran C time delay. | | VARCHAR2(9) |
| LORS2 | STARTING LORAN (2) | | | Starting Loran C time delay. | | VARCHAR2(9) |
| LORE2 | ENDING LORAN (2) | | | Ending Loran C time delay. | | VARCHAR2(9) |
| CABLE | AMOUNT OF CABLE IN WATER | | | Wire out (meters) at the water surface. | | NUMBER(4) |
| PITCH | PITCH | | | Pitch of propeller. | | NUMBER(3) |
| HEADING | HEADING | | | Vessel compass heading. | | NUMBER(4,1) |
| COURSE | COURSE OF VESSEL | | | Actual course the vessel made good in degrees. | | NUMBER(4,1) |
| RPM | AVERAGE SHAFT RPM | | | Average shaft while under tow. | | NUMBER(4,1) |
| DOPDISTB | DOPPLER DISTRIBUTION BOTTOM | | | Speed over bottom recorded by GPS. | | NUMBER(3,2) |
| DOPDISTW | DOPPLER DISTRIBUTION WATER | | | Speed through water recorded by AMATEK when the water depth is >200m | | NUMBER(3,2) |
| DESSPEED | DESIGNATED TOWING SPEED | | | Designated towing speed for a particular gear. | | NUMBER(2,1) |
| GEARID | GEAR IDENTIFICAITON | | | Net identification number located on wing of net. | | VARCHAR2(2) |
| DOORID | DOOR IDENTIFICATION | | | Identification number of doors. | | VARCHAR2(2) |
| OTHGEAR | OTHER GEAR DEPLOYED | | | Code for gear deployed other than fishing net, such as bongo, dredges, etc. See svdbs.othgear table. | | VARCHAR2(2) |
| AIRTEMP | AIR TEMPERATURE | | | Air temperature (degrees Celsius) rounded to nearest whole degree. | | NUMBER(5,2) |
| CLOUD | CLOUD COVER | | | Code to represent percentage of cloud cover. | | VARCHAR2(3) |
| BAROPRESS | BAROMETRIC PRESSURE | | | Barometric pressure (millibars). | | NUMBER(5,1) |
| WINDDIR | WIND DIRECTION | | | Direction of wind. | | NUMBER(4,1) |
| WINDSP | WIND SPEED | | | Speed of wind in knots. | | NUMBER(4,1) |
| WEATHER | WEATHER | | | Code reflecting weather condition. See svdbs.weather table. | | VARCHAR2(3) |
| WAVEHGT | WAVE HEIGHT | | | Height of waves as opposed to swells. | | NUMBER(4,2) |
| SWELLDIR | SWELL DIRECTION | | | Swell direction. | | NUMBER(3) |
| SWELLHGT | SWELL HEIGHT | | | Swell height. | | NUMBER(4,2) |
| BKTTEMP | BUCKET TEMPERATURE | | | Surface water temperature. | | NUMBER(3,1) |
| TRASHAMT | TRASH AMOUNT | | | Volume of trash. | | NUMBER(4) |
| TRASHSHL | SHELL TRASH | | | Trash by % of shells collected during shellfish surveys. | | NUMBER(3) |
| TRASHBIO | BIOLOGICAL TRASH | | | Trash by % of living animals such as fish, starfish and snails colected during shellfish surveys. | | NUMBER(3) |
| TRASHSUB | SUBSTRATE TRASH | | | Trash by % of rocks, pebbles, sand collected during shellfish surveys. | | NUMBER(3) |
| XBT | EXPENDABLE BATHYOTHERMOGRAPH | | | Code associated with temperature profile instrument. | | VARCHAR2(1) |
| SURFTEMP | WATER SURFACE TEMPERATURE | | | Surface temperature of water (degrees Celcius). | | NUMBER(6,3) |
| SURFSALIN | SURFACE SALINITY | | | Salinity at the surface of the water. | | NUMBER |
| BOTTEMP | BOTTOM TEMPERATURE | | | Bottom temperature. | | NUMBER(6,3) |
| BOTSALIN | BOTTOM SALINITY | | | Bottom salinity. | | NUMBER |
| FULD | FULLNESS OF DREDGE | | | A three digit number indicating the fullness of the dredge, measured to the nearest bushel. Used on scallop and clam surveys only. | | NUMBER(3) |
| NO\_DETAIL\_SVSPP | NUMBER OF DETAIL SVSPP | | | Number of sheets with biological data for species examined. | | NUMBER |
| BOTSPEED | BOTTOM SPEED | | | Speed over bottom recorded by GPS. | | NUMBER |
| WATCH\_CHIEF | Missing | | | Missing | | VARCHAR2(30) |
| CHIEF\_SCIENTIST | Missing | | | Missing | | VARCHAR2(30) |
| WATCH\_CHIEF\_COMMENTS | WATCH CHIEF COMMENTS | | | Comment by Watch Chief about current tow. | | VARCHAR2(500) |
| STATION\_COMMENTS | STATION COMMENTS | | | Comments from the bridge officers. | | VARCHAR2(500) |
| HABITAT\_COMMENTS | | HABITAT COMMENTS | Comments on non-coded species found in catch. | | VARCHAR2(500) | |



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