2014 NCFO Data Dictionary

Table: Operator

Description: The Operators data table contains information about ferry operators and details about their operation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Format** | **Length** | **Value** |
| OPERATOR\_ID | A unique numeric identifier assigned to each ferry operator | NUMERIC (4.0) | 4 | 1 - 9999 |
| OPERATOR\_NAME | The complete company name of the ferry operator | CHARACTER | 120 | Text |
| OP\_STRCITY | City for the ferry operator mailing address | CHARACTER | 40 | Text |
| OP\_STATE | State for the ferry operator mailing address | CHARACTER | 20 | Text |
| OP\_STRZIP | Zip code for the ferry operator mailing address | CHARACTER | 10 | Text |
| URL | Company Web Site | CHARACTER | 120 | Text |
| OPERATORCOUNTRY | Country for the ferry operator street address | CHARACTER | 40 | Text |
| TICKET \_REVENUE | Percentage of annual revenues from individual purchased tickets or fares (including fare cards) | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| FEDERAL\_STATE\_LOCAL | Completing the census on behalf of a federal, state or local govt. agency. | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| PRIVATE\_CONTRACT\_REVENUE | Percentage of annual revenues from private contracts payment | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| ADVERTISING\_REVENUE | Percentage of annual revenues from advertising contracts payment | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| PUBLIC\_CONTRACT\_REVENUE | Percentage of annual revenues from contracts with public agencies | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| FEDERAL\_FUNDING\_REVENUE | Percentage of annual revenues from direct public funding | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| STATE\_FUNDING\_REVENUE | Percentage of annual revenues from direct public funding | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| LOCAL\_FUNDING\_REVENUE | Percentage of annual revenues from direct public funding | NUMERIC (5.2) | 5 | 0.00 - 100.00 |
| PUBLIC\_FUNDING\_TYPE\_1 | Public funding type 1 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_1 | Name of public funding agency 1 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_1 | Name of public funding program 1 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_2 | Public funding type 2 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_2 | Name of public funding agency 2 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_2 | Name of public funding program 2 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_3 | Public funding type 3 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_3 | Name of public funding agency 3 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_3 | Name of public funding program 3 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_4 | Public funding type 4 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_4 | Name of public funding agency 4 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_4 | Name of public funding program 4 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_5 | Public funding type 5 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_5 | Name of public funding agency 5 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_5 | Name of public funding program 5 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_6 | Public funding type 6 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_6 | Name of public funding agency 6 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_6 | Name of public funding program 6 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_7 | Public funding type 7 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_7 | Name of public funding agency 7 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_7 | Name of public funding program 7 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_8 | Public funding type 8 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_8 | Name of public funding agency 8 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_8 | Name of public funding program 8 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_9 | Public funding type 9 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_9 | Name of public funding agency 9 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_1 | Name of public funding program 9 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_TYPE\_10 | Public funding type 10 | NUMERIC (1.0) | 1 | 0 - Federal  1 – State  2 - Local |
| PUBLIC\_FUNDING\_SOURCE\_10 | Name of public funding agency 10 | CHARACTER | 150 | Text |
| PUBLIC\_FUNDING\_PROGRAM\_10 | Name of public funding program 10 | CHARACTER | 150 | Text |
| SURVEYYEAR | Year of survey | DATE (yyyy) | 4 | 2014 |

Table: Vessel

Description: The Vessels data table contains information about ferry vessels such as USCG number, passenger and/or vehicle capacity, speed, and fuel type.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Field Type** | **Field**  **Length** | **Value** |
| VESSEL\_ID | A unique numeric identifier assigned to each vessel | NUMERIC (10.0) | 10 | 1 - 9999999999 |
| OPERATOR\_ID | Ferry Operator ID for operator of vessel | NUMERIC (4.0) | 4 | 1 - 9999 |
| VESSEL\_NAME | Vessel Name | CHARACTER | 40 | Text |
| USCG\_NUMBER | The official vessel number assigned by the USCG. | CHARACTER | 20 | Text |
| IN\_SERVICE | Indicates whether the vessel is service during the census year | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| CARRIES\_PASSENGERS | Indicates whether the vessel carried passengers. | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| CARRIES\_VEHICLES | Indicates whether the vessel carried vehicles | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| CARRIES\_FREIGHT | Indicates whether the vessel carried freight | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| PASSENGER\_CAPACITY | Passenger capacity of the vessel | NUMERIC (10.0) | 10 | 0 - 9999999999 |
| VEHICLE\_CAPACITY | Vehicle capacity of the vessel | NUMERIC (10.0) | 10 | 0 - 9999999999 |
| FUEL\_TYPE | Fuel type (Diesel, Gasoline, CNG, Electricity, Other) | NUMERIC (1.0) | 1 | 0 - Unknown  1 - Diesel  2 - Gasoline  3 - CNG  4 - Electric  5 - Other |
| FUEL\_OTHER | Description of Other type of fuel | CHARACTER | 50 | Text |
| TYPICAL\_SPEED | Vessel Typical Operating Speed (in knots) | NUMERIC (5.2) | 5 | 0.00 - 999.99 |
| LANE\_FEET | Lane feet of car deck on RoRo Vessels | NUMERIC (5.0) | 5 | 0-99999 |
| VESSELBUILDYEAR | Year the vessel was built | DATE (yyyy) | 4 | 0000 - 9999 |
| YEARREBUILT | Contains either the year that the vessel was rebuilt or is blank | DATE (yyyy) | 4 | 0000 - 9999 |
| MAINHORSEPOWERAHEAD | Main Horsepower Ahead | NUMERIC (7.0) | 7 | 0 – 9999999 |
| MAINHORSEPOWERASTERN | Main Horsepower Astern | NUMERIC (7.0) | 7 | 0 – 9999999 |
| HULLMATERIAL | Type of hull Material | NUMERIC (1.0) | 1 | 0 - Unknown  1 - Aluminum  2 - Concrete  3 - FRP (Fiberglass)  4 - Glass  5 - Plastic (non-reinforced)  6 - Plastic - MSIS Legacy  7 - Rubber  8 - Steel  9 - Wood  10 - Other |
| HULLSHAPE | Hull Shape | NUMERIC (1.0) | 1 | 0 - Unknown  1 - Box  2 - Sail (Distinct Keel)  3 - Sail (Faired Keel)  4 - Ship |
| PROPULSIONTYPE | Propulsion type | NUMERIC (1.0) | 1 | 0 - Unknown  1 - Fixed Pitch Propeller  2 - Controllable Pitch Prop  3 - Water Jet  4 - Cable  5 - Auxiliary Sail  6 - Combination Types  7 - Diesel  8 - Diesel Direct  9 - Diesel Electric  10 - Diesel Outdrive  11 - Diesel Reduction  12 - Electric Motor  13 - Gas Turbine  14 - Gasoline Engine  15 - Gasoline Inboard  16 - Gasoline Outboard  17 - Inboard/Outboard  18 - Jet Drive  19 - Manual  20 - Sail  21 - Steam Reciprocating  22 - Steam Turbine  23 - Steam Turboelectric  24 - Other |
| SELFPROPINDICATOR | Self Propelled Indicator | NUMERIC (1.0) | 1 | 0 - Vessel not self-propelled  1 - Vessel self-propelled  2 - Unknown |
| REGISTEREDBREADTH | Registered breadth, reported in units of feet to the nearest tenth. | NUMERIC (4.1) | 4 | 0.0 – 999.9 |
| REGISTEREDDEPTH | Registered depth (draft), reported in units of feet to the nearest tenth. | NUMERIC (4.1) | 4 | 0.0 – 999.9 |
| REGISTEREDLENGTH | Registered length, reported in units of feet to the nearest tenth. | NUMERIC (4.1) | 4 | 0.0 – 999.9 |
| REGISTEREDGROSSTONS | Registered gross tons. | NUMERIC (5.0) | 5 | 0 – 99999 |
| REGISTEREDNETTONS | Registered Net Tons | NUMERIC (5.0) | 5 | 0 – 99999 |
| SURVEYYEAR | Year of survey | DATE (yyyy) | 4 | 2000, 2006, 2008, 2010 |
| VESSEL\_OWNERSHIP | Indicates if the ferry vessel is publicly or privately owned. | NUMERIC (1.0) | 1 | 0 - Publicly Owned  1- Privately Owned  2 - Unknown |
| VESSEL\_OWNED\_BY | Name of public agency who owns the vessel | CHARACTER | 150 | Text |
| VESSEL\_OPERATION | Indicates if the ferry vessel is publicly or privately operated. | NUMERIC (1.0) | 1 | 0 - Publicly Operated  1 - Privately Operated  2 - Unknown |
| VESSEL\_OPERATED\_BY | Name of public agency or operates the vessel | CHARACTER | 150 | Text |
| FUEL\_MILEAGE | Fuel mileage of the vessel in miles per gallon | CHARACTER | 10 | Text |
| ADA\_ACCESSIBLE | Indicates whether the vessel is accessible to Americans with Disabilities. | NUMERIC (1.0) | 1 | 0 - No  1 – Yes |
| ENGINE\_LIFESPAN | Lifespan of the vessel engine(s) in hours since last rebuild. | NUMERIC (7.0) | 7 | 0 – 9999999 |
| ENGINE\_HOURS | Engine hours on the vessel since last rebuild. | NUMERIC (7.0) | 7 | 0 – 9999999 |
| CENSUS\_YEAR\_MILES | Nautical miles vessel traveled in census year | NUMERIC (7.0) | 7 | 0 – 9999999 |

Table: Terminal

Description: The Terminals data table contains information about ferry terminals, their location, and facilities.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Field Type** | **Field**  **Length** | **Value** |
| TERMINAL\_ID | A unique numeric identifier assigned to each ferry terminal | NUMERIC (4.0) | 4 | 1 – 9999 |
| TERMINAL\_NAME | Ferry terminal name | CHARACTER | 80 | Text |
| TERM\_CITY | City in which the ferry terminal is located | CHARACTER | 40 | Text |
| TERM\_STATE | State or province in which the ferry terminal is located | CHARACTER | 20 | Text |
| TERM\_COUNTRY | Country in which the ferry terminal is located. | CHARACTER | 30 | Text |
| LATITUDE | Position of the ferry terminal, in degrees of latitude | NUMERIC(10.5) | 10 | -99999.999999 – 99999.999999 |
| LONGITUDE | Position of the ferry terminal, in degrees of longitude | NUMERIC(10.5) | 10 | -99999.999999 – 99999.999999 |
| PARKING | Indicates whether parking is available at the ferry terminal | NUMERIC (1.0) | 1 | 0 - Not available  1 - Available  2 - Unknown |
| LOCAL\_BUS | Indicates whether local bus is available at the ferry terminal | NUMERIC (1.0) | 1 | 0 - Not available  1 - Available  2 - Unknown |
| INTERCITY\_BUS | Indicates whether intercity bus is available at the ferry terminal | NUMERIC (1.0) | 1 | 0 - Not available  1 - Available  2 - Unknown |
| LOCAL\_RAIL | Indicates whether local rail is available at the ferry terminal | NUMERIC (1.0) | 1 | 0 - Not available  1 - Available  2 - Unknown |
| INTERCITY\_RAIL | Indicates whether intercity rail is available at the ferry terminal | NUMERIC (1.0) | 1 | 0 - Not available  1 - Available  2 - Unknown |
| TERMINAL\_OWNERSHIP | Indicates if the ferry vessel is publicly or privately owned. | NUMERIC (1.0) | 1 | 0 - Publicly Owned  1- Privately Owned  2 - Unknown |
| TERMINAL\_OWNED\_BY | Name of public agency who owns the vessel | CHARACTER | 150 | Text |
| TERMINAL\_OPERATION | Indicates if the ferry vessel is publicly or privately operated. | NUMERIC (1.0) | 1 | 0 - Publicly Operated  1 - Privately Operated  2 - Unknown |
| TERMINAL\_OPERATED\_BY | Name of public agency or operates the vessel | CHARACTER | 150 | Text |
| SURVEYYEAR | Year of survey | DATE (yyyy) | 4 | 2000, 2006, 2008, 2010 |

Table: SEGMENT

Description: The Segments data table contains information about each route segment such as the terminals it connects, the type geographic area it serves, and whether it serves a National Park Service location.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Field Type** | **Field**  **Length** | **Value** |
| SEGMENT\_ID | Numeric identifier assigned to each ferry route segment | NUMERIC (4.0) | 4 | 1-9999 |
| SEGMENT\_NAME | Name of the segment | CHARACTER | 200 | Text |
| SEG\_TERMINAL1\_ID | The unique numeric identifier for the ferry terminal located at the start of the route segment. | NUMERIC (4.0) | 4 | 1-9999 |
| SEG\_TERMINAL2\_ID | The unique numeric identifier for the ferry terminal located at the end of the route segment. | NUMERIC (4.0) | 4 | 1-9999 |
| SEG\_TYPE | Indicates whether service on this segment is intrastate, interstate or international. | Number(1.0) | 1 | 1 – Intrastate  2 – Interstate  3 - International |
| SERVES\_NPS | Indicates whether the segment serves a unit of the National Park System. | Number(1.0) | 1 | 0 – No  1 – Yes |
| SURVEYYEAR | Year of the Survey | DATE (yyyy) | 4 | 2000, 2006, 2008, 2010, 2014 |

Table: OPERATOR SEGMENT

Description: The data table contains information related to route segments such as ferry operators who provide service, segment length, average trip time, passenger volume, and season start and end dates.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Format** | **Length** | **Value** |
| SEGMENT\_ID | A unique numeric identifier assigned to each ferry route segment | NUMERIC (4.0) | 4 | 1 – 9999 |
| OPERATOR\_ID | ID of the Operator that provides service for the terminal | NUMERIC (4.0) | 4 | 1 – 9999 |
| SEG\_LENGTH | Segment length in nautical miles | NUMERIC (10.2) | 10 | 0.00 - 99999999.99 |
| AVERAGE\_TRIP\_TIME | Average trip time for the segment | Time(hh:mm) | 5 | 00:00 – 99:59 |
| SEASON\_START | The seasonal service start date | DATE (mm/dd) | 5 | 01/01 – 12/31 |
| SEASON\_END | The seasonal service end date | DATE (mm/dd) | 5 | 01/01 – 12/31 |
| ROUTE\_RATES\_REGULATED | Indicates if the rates are regulated by a governing body, a government agency or state or local legislation | NUMERIC (1.0) | 1 | 0 - Not Regulated  1 - Regulated  2 - Unknown |
| ROUTE\_RATE\_REGULATOR | Name of agency or agencies which regulate fares | CHARACTER | 150 | Text |
| VESSEL1\_NAME | Name of vessel used most often for the route. | CHARACTER | 40 | Text |
| VESSEL1\_ID | ID of vessel used most often for the route. | NUMERIC (10.0) | 10 | 1 - 9999999999 |
| VESSEL2\_NAME | Name of vessel used second most often for the route. | CHARACTER | 40 | Text |
| VESSEL2\_ID | ID of vessel used second most often for the route. | NUMERIC (10.0) | 10 | 1 - 9999999999 |
| VESSEL3\_NAME | Name of vessel used third most often for the route. | CHARACTER | 40 | Text |
| VESSEL3\_ID | ID of vessel used third most often for the route. | NUMERIC (10.0) | 10 | 1 - 9999999999 |
| TRIPS\_PER\_DAY\_SUN | Average number of trips operated over this segment on Sunday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_MON | Average number of trips operated over this segment on Monday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_TUE | Average number of trips operated over this segment on Tuesday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_WED | Average number of trips operated over this segment on Wednesday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_THU | Average number of trips operated over this segment on Thursday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_FRI | Average number of trips operated over this segment on Friday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| TRIPS\_PER\_DAY\_SAT | Average number of trips operated over this segment on Saturday in 2009 | NUMERIC (3.0) | 3 | 0 - 999 |
| PASSENGERS | Census year total passenger boardings | NUMERIC (12.0) | 12 | 0 - 999999999999 |
| VEHICLES | Census year total vehicle boardings | NUMERIC (12.0) | 12 | 0 - 999999999999 |
| AVG\_DAILY\_BRD\_PAX | Average daily passenger boardings | NUMERIC (10.0) | 10 | 0 - 9999999999 |
| AVG\_DAILY\_BRD\_VEH | Average daily vehicle boardings | NUMERIC (10.0) | 10 | 0 - 9999999999 |
| VESSEL1\_ID | Most frequently used vessel | NUMERIC (4.0) | 4 | 0 - 9999 |
| VESSEL2\_ID | Second most frequently used vessel | NUMERIC (4.0) | 4 | 0 - 9999 |
| VESSEL3\_ID | Third most frequently used vessel | NUMERIC (4.0) | 4 | 0 - 9999 |
| SURVEYYEAR | Year of survey | DATE (yyyy) | 4 | 2000, 2006, 2008, 2010 |