

# 2016 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     | 2      | Text                     |
| OP_STRZIP                | Zip code for the ferry operator mailing address (5- or 9-digit)                                 | CHARACTER     | 10     | 00001 – 99999-9999       |
| URL                      | Company Web Site  | CHARACTER     | 120    | URL                      |
| OP_COUNTRY               | 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            |
| 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            |
| FEDERAL_STATE_LOCAL      | Completing the census on behalf of a federal, state or local govt. agency.                      | NUMERIC (1.0) | 1      | 0 - No<br>1 – Yes        |
| PUB_FUND_TYPE_1          | Public funding type 1   | NUMERIC (1.0) | 1      | 0 - Federal<br>1 – State |

|                   |                                  |               |     |                                       |
|-------------------|----------------------------------|---------------|-----|---------------------------------------|
|                   |                                  |               |     | 2 - Local                             |
| PUB_FUND_SOURCE_1 | Name of public funding agency 1  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_1   | Name of public funding program 1 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_2   | Public funding type 2            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_2 | Name of public funding agency 2  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_2   | Name of public funding program 2 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_3   | Public funding type 3            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_3 | Name of public funding agency 3  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_3   | Name of public funding program 3 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_4   | Public funding type 4            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_4 | Name of public funding agency 4  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_4   | Name of public funding program 4 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_5   | Public funding type 5            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_5 | Name of public funding agency 5  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_5   | Name of public funding program 5 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_6   | Public funding type 6            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_6 | Name of public funding agency 6  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_6   | Name of public funding program 6 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_7   | Public funding type 7            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_7 | Name of public funding agency 7  | CHARACTER     | 150 | Text                                  |
| PUB_FUND_PROG_7   | Name of public funding program 7 | CHARACTER     | 150 | Text                                  |
| PUB_FUND_TYPE_8   | Public funding type 8            | NUMERIC (1.0) | 1   | 0 - Federal<br>1 – State<br>2 - Local |
| PUB_FUND_SOURCE_8 | Name of public funding agency 8  | CHARACTER     | 150 | Text                                  |

|                 |                                  |             |     |      |
|-----------------|----------------------------------|-------------|-----|------|
| PUB_FUND_PROG_8 | Name of public funding program 8 | CHARACTER   | 150 | Text |
| SURVEYYEAR      | Year of survey                   | DATE (yyyy) | 4   | 2016 |

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.               | NUMERIC (8.0)  | 8            | 99999999  |
| IN_SERVICE          | Indicates whether the vessel is service during the census year | NUMERIC (1.0)  | 1            | 0 - No<br>1 – Yes   |
| CARRIES_PASSENGERS  | Indicates whether the vessel carried passengers.               | NUMERIC (1.0)  | 1            | 0 - No<br>1 – Yes   |
| CARRIES_VEHICLES    | Indicates whether the vessel carried vehicles                  | NUMERIC (1.0)  | 1            | 0 - No<br>1 – Yes   |
| CARRIES_FREIGHT     | Indicates whether the vessel carried freight                   | NUMERIC (1.0)  | 1            | 0 - No<br>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, LNG, Electricity, Other)          | NUMERIC (1.0)  | 1            | 0 - Unknown<br>1 - Diesel<br>2 - Gasoline<br>3 - LNG<br>4 - Electric<br>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   |
| YEAR_BUILT          | Year the vessel was built                                      | 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<br>1 - Aluminum<br>2 - Concrete<br>3 - FRP (Fiberglass)<br>4 - Glass<br>5 - Plastic (non-reinforced)<br>6 - Plastic - MSIS Legacy<br>7 - Rubber<br>8 - Steel<br>9 - Wood<br>10 - Other  |
| HULLSHAPE            | Hull Shape             | NUMERIC (1.0) | 1 | 0 - Unknown<br>1 - Box<br>2 - Sail (Distinct Keel)<br>3 - Sail (Faired Keel)<br>4 - Ship<br>5 - Unspecified   |
| PROPULSIONTYPE       | Propulsion type        | NUMERIC (1.0) | 1 | 0 - Unknown<br>1 - Fixed Pitch Propeller<br>2 - Controllable Pitch Prop<br>3 - Water Jet<br>4 - Cable<br>5 - Auxiliary Sail<br>6 - Combination Types<br>7 - Diesel<br>8 - Diesel Direct<br>9 - Diesel Electric<br>10 - Diesel Outdrive<br>11 - Diesel Reduction<br>12 - Electric Motor<br>13 - Gas Turbine<br>14 - Gasoline Engine<br>15 - Gasoline Inboard<br>16 - Gasoline Outboard<br>17 - Inboard/Outboard<br>18 - Jet Drive<br>19 - Manual |

|                       |  |               |     |  |
|-----------------------|--|---------------|-----|--|
|                       |  |               |     | 20 - Sail<br>21 - Steam Reciprocating<br>22 - Steam Turbine<br>23 - Steam Turboelectric<br>24 - Other<br>25 - None<br>26 - Unspecified |
| SELFPROPINDICATOR     | Self-Propelled Indicator   | NUMERIC (1.0) | 1   | 0 - Vessel not self-propelled<br>1 - Vessel self-propelled<br>2 - Unknown  |
| REGISTERED_BREADTH    | Registered breadth, reported in units of feet to the nearest tenth.        | NUMERIC (4.1) | 4   | 0.0 – 999.9  |
| REGISTERED_DEPTH      | Registered depth (draft), reported in units of feet to the nearest tenth.  | NUMERIC (4.1) | 4   | 0.0 – 999.9  |
| REGISTERED_LENGTH     | Registered length, reported in units of feet to the nearest tenth.         | NUMERIC (4.1) | 4   | 0.0 – 999.9  |
| REGISTERED_NET_TONS   | Registered Net Tons  | NUMERIC (5.0) | 5   | 0 - 99999  |
| REGISTERED_GROSS_TONS | Registered gross tons.   | NUMERIC (5.0) | 5   | 0 – 99999  |
| VESSEL_OWNERSHIP      | Indicates if the ferry vessel is publicly or privately owned.              | NUMERIC (1.0) | 1   | 0 - Publicly Owned<br>1- Privately Owned<br>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<br>1 - Privately Operated<br>2 - Unknown   |
| VESSEL_OPERATED_BY    | Name of public agency or operates the vessel                               | CHARACTER     | 150 | Text   |
| FUEL_MILEAGE          | Fuel mileage of the vessel in nautical miles per gallon                    | CHARACTER     | 10  | 0.0 – 999.9  |
| ADA_ACCESSIBLE        | Indicates whether the vessel is accessible to Americans with Disabilities. | NUMERIC (1.0) | 1   | 0 - No<br>1 – Yes  |
| ENGINE_LIFESPAN       | Lifespan of the vessel engine(s) in hours since last rebuild.              | NUMERIC (7.0) | 7   | 0.00 – 9999999.99  |
| CENSUS_YEAR_MILES     | Nautical miles vessel traveled in census year                              | NUMERIC (7.0) | 7   | 0.00 – 9999999.99  |
| SURVEYYEAR            | Year of survey   | DATE (yyyy)   | 4   | 2016   |

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<br>1 - Available<br>2 - Unknown              |
| LOCAL_BUS          | Indicates whether local bus is available at the ferry terminal      | NUMERIC (1.0)  | 1            | 0 - Not available<br>1 - Available<br>2 - Unknown              |
| INTERCITY_BUS      | Indicates whether intercity bus is available at the ferry terminal  | NUMERIC (1.0)  | 1            | 0 - Not available<br>1 - Available<br>2 - Unknown              |
| LOCAL_RAIL         | Indicates whether local rail is available at the ferry terminal     | NUMERIC (1.0)  | 1            | 0 - Not available<br>1 - Available<br>2 - Unknown              |
| INTERCITY_RAIL     | Indicates whether intercity rail is available at the ferry terminal | NUMERIC (1.0)  | 1            | 0 - Not available<br>1 - Available<br>2 - Unknown              |
| TERMINAL_OWNERSHIP | Indicates if the ferry vessel is publicly or privately owned.       | NUMERIC (1.0)  | 1            | 0 - Publicly Owned<br>1- Privately Owned<br>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<br>1 - Privately Operated<br>2 - Unknown |

|                      |  |             |     |      |
|----------------------|--|-------------|-----|------|
| TERMINAL_OPERATED_BY | Name of public agency or operates the vessel | CHARACTER   | 150 | Text |
| SURVEYYEAR           | Year of survey                               | DATE (yyyy) | 4   | 2016 |

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<br>2 – Interstate<br>3 - International |
| SERVES_NPS       | Indicates whether the segment serves a unit of the National Park System.                        | Number (1.0)  | 1            | 0 – No<br>1 – Yes                                     |
| SURVEYYEAR       | Year of the Survey  | DATE (yyyy)   | 4            | 2016  |



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   |
|-----------------------|---|----------------|--------|---|
| OPERATOR_ID           | ID of the Operator that provides service for the terminal   | NUMERIC (4.0)  | 4      | 1 – 9999  |
| SEGMENT_ID            | A unique numeric identifier assigned to each ferry route segment  | 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 in minutes  | NUMERIC (5.0)  | 5      | 1 – 99,999  |
| SEASON_START_MONTH    | The seasonal service start month  | DATE(mm)       | 2      | 1 – 12  |
| SEASON_START_DAY      | The seasonal service start day  | DATE(dd)       | 2      | 1 – 31  |
| SEASON_END_MONTH      | The seasonal service end month  | DATE(mm)       | 2      | 1 – 12  |
| SEASON_END_DAY        | The seasonal service end date   | DATE(dd)       | 2      | 1 – 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<br>1 - Regulated<br>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                                    |
| 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 |
| SURVEYYEAR        | Year of survey                    | DATE (yyyy)    | 4  | 2016           |