

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	The unique NCFO 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 website	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 1 – Yes

PUB_FUND_TYPE_1	Public funding type 1	NUMERIC (1.0)	1	0 - Federal 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 1 - State 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 1 - State 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 1 - State 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 1 - State 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 1 - State 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 1 - State 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 1 - State 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	The unique NCFO numeric identifier assigned to each vessel	NUMERIC (10.0)	10	1 - 9999999999
OPERATOR_ID	The unique NCFO numeric identifier assigned to each ferry operator	NUMERIC (4.0)	4	1 - 9999
VESSEL_NAME	Name of the vessel	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 in 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, LNG, Electricity, Other) of the vessel	NUMERIC (1.0)	1	0 - Unknown 1 - Diesel 2 - Gasoline 3 - LNG 4 - Electric 5 - Other

FUEL_OTHER	Description of another type of vessel fuel, if applicable	CHARACTER	50	Text
TYPICAL_SPEED	Typical operating speed (in knots) of the vessel	NUMERIC (5.2)	5	0.00 - 999.99
YEAR_BUILT	Year the vessel was built	DATE (yyyy)	4	0000 - 9999
MAINHORSEPOWERAHEAD	Vessel main horsepower ahead value	NUMERIC (7.0)	7	0 – 9999999
MAINHORSEPOWERASTERN	Vessel main horsepower astern value	NUMERIC (7.0)	7	0 – 9999999
HULLMATERIAL	Type of hull material of vessel	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	Type of hull shape of vessel	NUMERIC (1.0)	1	0 - Unknown 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship 5 - Unspecified
PROPULSIONTYPE	Propulsion type of vessel	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 25 - None 26 - Unspecified
SELFPROPINDICATOR	Indication if vessel is self-propelled	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown
REGISTERED_BREADTH	Registered breadth of vessel reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_DEPTH	Registered depth (draft) of vessel reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_LENGTH	Registered length of vessel reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_NET_TONS	Registered net tons of vessel	NUMERIC (5.0)	5	0 - 99999
REGISTERED_GROSS_TONS	Registered gross tons of vessel	NUMERIC (5.0)	5	0 – 99999
VESSEL_OWNERSHIP	Indicates if the 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 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 nautical miles per gallon	CHARACTER	10	0.0 – 999.9
ADA_ACCESSIBLE	Indicates whether the vessel is accessible to those 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	0.00 – 9999999.99

CENSUS_YEAR_MILES	Nautical miles vessel traveled within the 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	The unique NCFO 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 terminal 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 terminal	CHARACTER	150	Text
TERMINAL_OPERATION	Indicates if the ferry terminal 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 terminal	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	The unique NCFO 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 NCFO numeric identifier for the segment origin ferry terminal.	NUMERIC (4.0)	4	1-9999
SEG_TERMINAL2_ID	The unique NCFO numeric identifier for the segment destination ferry terminal.	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 Service.	Number (1.0)	1	0 – No 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	The unique NCFO numeric identifier of the ferry operator that provides service to the terminal	NUMERIC (4.0)	4	1 – 9999
SEGMENT_ID	The unique NCFO 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 1 - Regulated 2 - Unknown
ROUTE_RATE_REGULATOR	Name of agency or agencies which regulate fares	CHARACTER	150	Text
VESSEL1_ID	The unique NCFO numeric identifier of the vessel used most often on the segment	NUMERIC (10.0)	10	1 - 9999999999
VESSEL1_NAME	Name of vessel used most often on the segment	CHARACTER	40	Text
VESSEL2_ID	The unique NCFO numeric identifier of the vessel used second most often on the segment	NUMERIC (10.0)	10	1 - 9999999999
VESSEL2_NAME	Name of vessel used second most often on the segment	CHARACTER	40	Text
VESSEL3_ID	The unique NCFO numeric identifier of the vessel used third most often on the segment	NUMERIC (10.0)	10	1 - 9999999999
VESSEL3_NAME	Name of vessel used third most often on the segment	CHARACTER	40	Text

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