

# 2016 NCFO Flat File Data Dictionary

Description: The Flat File data table contains all variables within the four (4) individual data tables (Operator, Vessel, Segment, and Operator Segment) with variations on some of the original variables. Those variations are listed within this table, sectioned by the individual data tables, to identify how they match with their general variable name and associated table.

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 - 999
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 (3.2)	5	0.00 - 100.00
PRIVATE_CONTRACT_REVENUE	Percentage of annual revenues from private contracts payment	NUMERIC (3.2)	5	0.00 - 100.00
ADVERTISING_REVENUE	Percentage of annual revenues from advertising contracts payment	NUMERIC (3.2)	5	0.00 - 100.00
PUBLIC_CONTRACT_REVENUE	Percentage of annual revenues from contracts with public agencies	NUMERIC (3.2)	5	0.00 - 100.00
FEDERAL_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC (3.2)	5	0.00 - 100.00
STATE_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC (3.2)	5	0.00 - 100.00

LOCAL_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC (3.2)	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

Table: Vessel

Description: The Vessel data contains information about ferry vessels such as USCG number, passenger and/or vehicle capacity, speed, and fuel type. The vessels assigned to the following variables within the flat file are ones that were not assigned to segment.

VESSEL_ID	The unique NCFO numeric identifier assigned to each vessel.	NUMERIC (10.0)	10	1 - 9999999999
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 fuel	CHARACTER	50	Text
TYPICAL_SPEED	Vessel Typical Operating Speed (in knots)	NUMERIC (3.2)	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 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 5 - Unspecified
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 25 - None 26 - Unspecified
SELFPROPINDICATOR	Indicates if the vessel is self-propelled	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 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 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 nautical miles per gallon	NUMERIC (3.1)	4	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)	9	0.00 – 9999999.99
CENSUS_YEAR_MILES	Nautical miles vessel traveled within the census year	NUMERIC (7.0)	9	0.00 – 9999999.99

Table: Terminal

Description: The Terminals data table contains information about ferry terminals, their location, and facilities. The terminals assigned to the following variables within the flat file are ones that were not assigned to segment.

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
TERMINAL_COORDINATES	Position of the ferry terminal, in degrees of latitude and longitude	NUMERIC (2.6)	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

Table: Operator Segment

Description: The data 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	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 (8.2)	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
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	The unique NCFO numeric identifier of the vessel used most often on the segment	NUMERIC (4.0)	4	1 - 9999
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 (4.0)	4	1 - 9999
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 (4.0)	4	1 - 9999
VESSEL3_NAME	Name of vessel used third most often on the segment	CHARACTER	40	Text

Table: Segment

Description: The segments contain information about each route segment such as the terminals they connect, the type geographic area it serves, and whether it serves a National Park Service location.

Field Name	Description	Field Type	Field Length	Value
SEGMENT_NAME	Name of the segment	CHARACTER	200	Text
SEG_TERMINAL1_ID	The unique NCFO numeric identifier for the origin ferry terminal for the segment.	NUMERIC (4.0)	4	1-9999
SEG_TERMINAL2_ID	The unique NCFO numeric identifier for the destination ferry terminal for the 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

### Additional Flat File Terminal Variables

Description: These variables only appear in the flat file to describe how the reported terminals were assigned to a given segment.

Field Name	Description	Field Type	Field Length	Value
TERMINAL_NAME1	Origin ferry terminal name that corresponds with SEG_TERMINAL_1	NUMERIC (4.0)	4	1 – 9999
TERM_CITY1	City in which the origin ferry terminal is located	CHARACTER	40	Text
TERM_STATE1	State or province in which the origin ferry terminal is located	CHARACTER	20	Text
TERM_COUNTRY1	Country in which the origin ferry terminal is located.	CHARACTER	30	Text
TERMINAL_COORDINATES1	Position of the origin ferry terminal, in degrees of latitude and longitude	NUMERIC (2.6)	10	-99999.999999 – 99999.999999
PARKING1	Indicates whether parking is available at the origin ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
LOCAL_BUS1	Indicates whether local bus is available at the origin ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
INTERCITY_BUS1	Indicates whether intercity bus is available at the origin ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
LOCAL_RAIL1	Indicates whether local rail is available at the origin ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
INTERCITY_RAIL1	Indicates whether intercity rail is available at the origin ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
TERMINAL_OWNERSHIP1	Indicates if the origin ferry terminal is publicly or privately owned.	NUMERIC (1.0)	1	0 - Publicly Owned 1- Privately Owned 2 - Unknown
TERMINAL_OWNED_BY1	Name of public agency who owns the origin terminal	CHARACTER	150	Text

TERMINAL_OPERATION1	Indicates if the origin ferry terminal is publicly or privately operated.	NUMERIC (1.0)	1	0 - Publicly Operated 1 - Privately Operated 2 - Unknown
TERMINAL_OPERATED_BY1	Name of public agency that operates the origin terminal	CHARACTER	150	Text
TERMINAL_NAME2	Destination ferry terminal name that corresponds with SEG_TERMIALANAL_2	NUMERIC (4.0)	4	1 – 9999
TERM_CITY2	City in which the destination ferry terminal is located	CHARACTER	40	Text
TERM_STATE2	State or province in which the destination ferry terminal is located	CHARACTER	20	Text
TERM_COUNTRY2	Country in which the destination ferry terminal is located.	CHARACTER	30	Text
TERMINAL_COORDINATES2	Position of the destination ferry terminal, in degrees of latitude and longitude	NUMERIC (2.6)	10	-99999.999999 – 99999.999999
PARKING2	Indicates whether parking is available at the destination ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
LOCAL_BUS2	Indicates whether local bus is available at the destination ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
INTERCITY_BUS2	Indicates whether intercity bus is available at the destination ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
LOCAL_RAIL2	Indicates whether local rail is available at the destination ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
INTERCITY_RAIL2	Indicates whether intercity rail is available at the destination ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available 2 - Unknown
TERMINAL_OWNERSHIP2	Indicates if the destination ferry terminal is publicly or privately owned.	NUMERIC (1.0)	1	0 - Publicly Owned 1- Privately Owned 2 - Unknown
TERMINAL_OWNED_BY2	Name of public agency who owns the destination terminal	CHARACTER	150	Text
TERMINAL_OPERATION2	Indicates if the destination ferry	NUMERIC (1.0)	1	0 - Publicly Operated

	terminal is publicly or privately operated.			1 - Privately Operated 2 - Unknown
TERMINAL_OPERATED_BY2	Name of public agency that operates the destination terminal	CHARACTER	150	Text

### Additional Flat File Vessel Variables

Description: These variables only appear in the flat file to describe how the reported vessels were assigned to a given segment. That is, Vessel 1 represents the most used vessel on the segment, Vessel 2 represents the second most used vessel on the segment, and Vessel 3 represents the third most used vessel on the segment.

USCG_NUMBER1	The official vessel number assigned by the USCG for Vessel 1	NUMERIC (8.0)	8	99999999
IN_SERVICE1	Indicates whether Vessel 1 was in service during the census year	NUMERIC (1.0)	1	0 - No 1 - Yes
CARRIES_PASSENGERS1	Indicates whether Vessel 1 carried passengers.	NUMERIC (1.0)	1	0 - No 1 - Yes
CARRIES_VEHICLES1	Indicates whether the Vessel 1 carried vehicles	NUMERIC (1.0)	1	0 - No 1 - Yes
CARRIES_FREIGHT1	Indicates whether Vessel 1 carried freight	NUMERIC (1.0)	1	0 - No 1 - Yes
PASSENGER_CAPACITY1	Passenger capacity of Vessel 1	NUMERIC (10.0)	10	0 - 9999999999
VEHICLE_CAPACITY1	Vehicle capacity of Vessel 1	NUMERIC (10.0)	10	0 - 9999999999
FUEL_TYPE1	Fuel type (Diesel, Gasoline, LNG, Electricity, Other) of Vessel 1	NUMERIC (1.0)	1	0 - Unknown 1 - Diesel 2 - Gasoline 3 - LNG 4 - Electric 5 - Other
FUEL_OTHER1	Description of another type of fuel of Vessel 1, if applicable	CHARACTER	50	Text
TYPICAL_SPEED1	Typical Operating Speed (in knots) of Vessel 1	NUMERIC (5.2)	5	0.00 - 999.99
YEAR_BUILT1	Year that Vessel 1 was built	DATE (yyyy)	4	0000 - 9999

MAINHORSEPOWERAHEAD1	Main horsepower ahead value of Vessel 1	NUMERIC (7.0)	7	0 – 9999999
MAINHORSEPOWERASTERN1	Main horsepower astern value of Vessel 1	NUMERIC (7.0)	7	0 – 9999999
HULLMATERIAL1	Type of hull material of Vessel 1	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
HULLSHAPE1	Type of hull shape of Vessel 1	NUMERIC (1.0)	1	0 - Unknown 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship 5 - Unspecified
PROPULSIONTYPE1	Propulsion type of Vessel 1	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
SELFPROPINDICATOR1	Indication if Vessel 1 is self-propelled	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown
REGISTERED_BREADTH1	Registered breadth, reported in units of feet to the nearest tenth, of Vessel 1	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_DEPTH1	Registered depth (draft), reported in units of feet to the nearest tenth, of Vessel 1	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_LENGTH1	Registered length, reported in units of feet to the nearest tenth, of Vessel 1	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_GROSS_TONS1	Registered gross tons of Vessel 1	NUMERIC (5.0)	5	0 – 99999
REGISTERED_NET_TONS1	Registered net tons of Vessel 1	NUMERIC (5.0)	5	0 - 99999
VESSEL_OWNERSHIP1	Indicates if ferry Vessel 1 is publicly or privately owned.	NUMERIC (1.0)	1	0 - Publicly Owned 1- Privately Owned 2 - Unknown
VESSEL_OWNED_BY1	Name of public agency who owns Vessel 1	CHARACTER	150	Text
VESSEL_OPERATION1	Indicates if ferry Vessel 1 is publicly or privately operated.	NUMERIC (1.0)	1	0 - Publicly Operated 1 - Privately Operated 2 - Unknown
VESSEL_OPERATED_BY1	Name of public agency or operates Vessel 1	CHARACTER	150	Text
FUEL_MILEAGE1	Fuel mileage of Vessel 1 in nautical miles per gallon	NUMERIC (3.1)	4	0.0 – 999.9

ADA_ACCESSIBLE1	Indicates whether Vessel 1 is accessible to those with disabilities.	NUMERIC (1.0)	1	0 - No 1 – Yes
ENGINE_LIFESPAN1	Lifespan, in hours, since last rebuild of Vessel 1 engine(s)	NUMERIC (7.0)	9	0.00 – 9999999.99
CENSUS_YEAR_MILES1	Nautical miles Vessel 1 traveled within the census year	NUMERIC (7.0)	9	0.00 – 9999999.99
USCG_NUMBER2	The official vessel number assigned by the USCG for Vessel 2	NUMERIC (8.0)	8	99999999
IN_SERVICE2	Indicates whether Vessel 2 was in service during the census year	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_PASSENGERS2	Indicates whether Vessel 2 carried passengers.	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_VEHICLES2	Indicates whether the Vessel 2 carried vehicles	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_FREIGHT2	Indicates whether Vessel 2 carried freight	NUMERIC (1.0)	1	0 - No 1 – Yes
PASSENGER_CAPACITY2	Passenger capacity of Vessel 2	NUMERIC (10.0)	10	0 - 9999999999
VEHICLE_CAPACITY2	Vehicle capacity of Vessel 2	NUMERIC (10.0)	10	0 - 9999999999
FUEL_TYPE2	Fuel type (Diesel, Gasoline, LNG, Electricity, Other) of Vessel 2	NUMERIC (1.0)	1	0 - Unknown 1 - Diesel 2 - Gasoline 3 - LNG 4 - Electric 5 - Other
FUEL_OTHER2	Description of another type of fuel of Vessel 2, if applicable	CHARACTER	50	Text
TYPICAL_SPEED2	Typical Operating Speed (in knots) of Vessel 2	NUMERIC (5.2)	5	0.00 - 999.99
YEAR_BUILT2	Year that Vessel 2 was built	DATE (yyyy)	4	0000 - 9999
MAINHORSEPOWERAHEAD2	Main horsepower ahead value of Vessel 2	NUMERIC (7.0)	7	0 – 9999999
MAINHORSEPOWERASTERN2	Main horsepower astern value of Vessel 2	NUMERIC (7.0)	7	0 – 9999999
HULLMATERIAL2	Type of hull material of Vessel 2	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
HULLSHAPE2	Type of hull shape of Vessel 2	NUMERIC (1.0)	1	0 - Unknown 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship 5 - Unspecified
PROPULSIONTYPE2	Propulsion type of Vessel 2	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
SELFPROPINDICATOR2	Indicates if ferry Vessel 2 is publicly or privately operated.	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown
REGISTERED_BREADTH2	Registered breadth, reported in units of feet to the nearest tenth, of Vessel 2	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_DEPTH2	Registered depth (draft), reported in units of feet to the nearest tenth, of Vessel 2	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_LENGTH2	Registered length, reported in units of feet to the nearest tenth, of Vessel 2	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_GROSS_TONS2	Registered gross tons of Vessel 2	NUMERIC (5.0)	5	0 – 99999
REGISTERED_NET_TONS2	Registered net tons of Vessel 2	NUMERIC (5.0)	5	0 - 99999
VESSEL_OWNERSHIP2	Indicates if vessel 2 is publicly or privately owned.	NUMERIC (1.0)	1	0 - Publicly Owned 1- Privately Owned 2 - Unknown
VESSEL_OWNED_BY2	Name of public agency who owns Vessel 2	CHARACTER	150	Text
VESSEL_OPERATION2	Indicates if Vessel 2 is publicly or privately operated.	NUMERIC (1.0)	1	0 - Publicly Operated 1 - Privately Operated 2 - Unknown
VESSEL_OPERATED_BY2	Name of public agency or operates Vessel 2	CHARACTER	150	Text
FUEL_MILEAGE2	Fuel mileage of Vessel 2 in nautical miles per gallon	NUMERIC (3.1)	4	0.0 – 999.9
ADA_ACCESSIBLE2	Indicates whether Vessel 2 is accessible to those with disabilities.	NUMERIC (1.0)	1	0 - No 1 – Yes
ENGINE_LIFESPAN2	Lifespan of Vessel 2 engine(s) in hours since last rebuild.	NUMERIC (7.0)	7	0.00 – 9999999.99
CENSUS_YEAR_MILES2	Nautical miles Vessel 2 traveled within the census year	NUMERIC (7.0)	7	0.00 – 9999999.99
USCG_NUMBER3	The official vessel number assigned by	NUMERIC (8.0)	8	99999999

	the USCG for Vessel 3			
IN_SERVICE3	Indicates whether Vessel 3 was in service during the census year	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_PASSENGERS3	Indicates whether Vessel 3 carried passengers.	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_VEHICLES3	Indicates whether the Vessel 3 carried vehicles	NUMERIC (1.0)	1	0 - No 1 – Yes
CARRIES_FREIGHT3	Indicates whether Vessel 3 carried freight	NUMERIC (1.0)	1	0 - No 1 – Yes
PASSENGER_CAPACITY3	Passenger capacity of Vessel 3	NUMERIC (10.0)	10	0 - 9999999999
VEHICLE_CAPACITY3	Vehicle capacity of Vessel 3	NUMERIC (10.0)	10	0 - 9999999999
FUEL_TYPE3	Fuel type (Diesel, Gasoline, LNG, Electricity, Other) of Vessel 3	NUMERIC (1.0)	1	0 - Unknown 1 - Diesel 2 - Gasoline 3 - LNG 4 - Electric 5 - Other
FUEL_OTHER3	Description of Other type of fuel of Vessel 3, if applicable	CHARACTER	50	Text
TYPICAL_SPEED3	Typical Operating Speed (in knots) of Vessel 3	NUMERIC (3.2)	5	0.00 - 999.99
YEAR_BUILT3	Year that Vessel 3 was built	DATE (yyyy)	4	0000 - 9999
MAINHORSEPOWERAHEAD3	Main horsepower ahead value of Vessel 3	NUMERIC (7.0)	7	0 – 9999999
MAINHORSEPOWERASTERN3	Main horsepower astern value of Vessel 3	NUMERIC (7.0)	7	0 – 9999999
HULLMATERIAL3	Type of hull material of Vessel 3	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
HULLSHAPE3	Type of hull shape of Vessel 3	NUMERIC (1.0)	1	0 - Unknown 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship 5 - Unspecified
PROPULSIONTYPE3	Propulsion type of Vessel 3	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
SELFPROPINDICATOR3	Indicates if ferry Vessel 3 is publicly or privately operated.	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown

REGISTERED_BREADTH3	Registered breadth, reported in units of feet to the nearest tenth, of Vessel 3	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_DEPTH3	Registered depth (draft), reported in units of feet to the nearest tenth, of Vessel 3	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_LENGTH3	Registered length, reported in units of feet to the nearest tenth, of Vessel 3	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_GROSS_TONS3	Registered gross tons of Vessel 3	NUMERIC (5.0)	5	0 – 99999
REGISTERED_NET_TONS3	Registered net tons of Vessel 3	NUMERIC (5.0)	5	0 - 99999
VESSEL_OWNERSHIP3	Indicates if Vessel 3 is publicly or privately owned.	NUMERIC (1.0)	1	0 - Publicly Owned 1- Privately Owned 2 - Unknown
VESSEL_OWNED_BY3	Name of public agency who owns Vessel 3	CHARACTER	150	Text
VESSEL_OPERATION3	Indicates if Vessel 3 is publicly or privately operated.	NUMERIC (1.0)	1	0 - Publicly Operated 1 - Privately Operated 2 - Unknown
VESSEL_OPERATED_BY3	Name of public agency or operates Vessel 3	CHARACTER	150	Text
FUEL_MILEAGE3	Fuel mileage of Vessel 3 in nautical miles per gallon	CHARACTER	4	0.0 – 999.9
ADA_ACCESSIBLE3	Indicates whether Vessel 3 is accessible to those with disabilities.	NUMERIC (1.0)	1	0 - No 1 – Yes
ENGINE_LIFESPAN3	Lifespan of Vessel 3 engine(s) in hours since last rebuild.	NUMERIC (7.0)	7	0.00 – 9999999.99
CENSUS_YEAR_MILES3	Nautical miles Vessel 3 traveled within the census year	NUMERIC (7.0)	7	0.00 – 9999999.99
SURVEYYEAR	Year of survey	DATE (yyyy)	4	2016