U.S. Waterway Data

Vessel Characteristics Data Dictionary

T.S. Operator File / Volume 2: Vessel Company Summary

T.S. Vessel File / Volume 3: Vessel Characteristics



Waterborne Transportation Lines of the United States
T.S. Operator File Volume 2: Vessel Company Summary

RECORD LAYOUT/DATA DICTIONARY

FIELD NAME

DESCRIPTION

		START	SIZE
		COLUMN	COLUMN
TS_OPER	Transportation Series Operator Code (TS	0) 1	7
NAME	TSO Name	8	100
DBA	TSO Operating Name	108	75
POC	TSO Point of Contact	183	75
ADDRESS	TSO Street Address	258	100
CITY	TSO City	358	30
STATE	TSO State	388	2
ZIP	TSO ZIP Code	390	10
AREA	TSO Telephone Area Code	400	3
PHONE	TSO Telephone Number	403	8

DIST	Engineering District Code	411	2
SERIES	TSO Series Number	413	1
SERVICE	TSO Service Code	414	1
PRINC_COMM	Principal Commodity List	415	240
POINT_LOC	Area of Operation	655	240
DBC	Dry Bulk Carrier	895	6
CS	Containership	901	6
GCC	General Cargo Carrier	907	6
SC	Specialized Carrier	913	6
TAN	Tanker	919	6
PUSH	Pushboat	925	6
TUG	Tugboat	931	6
PASS	Passenger	937	6
OSV	Offshore Supply Vessel	943	6
DCB	Dry Covered Barge	949	6
DOB	Dry Open Barge	955	6
DB	Deck Barge	961	6
LSB	Lash / Seabee Barge	967	6
ODY	Other Dry Barge	973	6
SHTB	Single Hull Tank Barge	979	6

DHTB	Double Hull Tank Barge	985	6
OTB	Other Tank Barge	991	6
FL_YR	File Year	997	4

FIELD DESCRIPTIONS:

TS_OPER	TS_Operator is a Transportation Lines vessel company
	surveyed and assigned a seven digit code by WCSC. The
	vessel inventory for each TS_Operator is reported
	annually to WCSC and is contained in the Master Vessel
	File. The first two digits of the TS_Operator code
	denotes the Engineer Division / District code with
	the last five digits forming a unique number assigned
	to a particular TS_Operator.

NAME Identifies the TS Operator company by name.

DBA Identifies the TS Operators Current operating name.

POC Identifies the responsible party for verification of data.

ADDRESS The street address of the $TS_Operator$.

CITY The city of the TS Oprator.

STATE The state abbreviation for the TS Operator.

ZIP The first five digits, and if available, the last four digits of the nine digit zip code for the TS_Operator address.

AREA Area is the three digit area code for the telephone number of the TS Operator.

PHONE Phone is an eight digit alphanumeric field containing the telephone number of the TS_Operator, including a "-" between the first three digits and the last four digits.

DIST District contains a two digit code for the Corps

District number in which the vessel is domiciled (see Appendix below).

SERIES

Series contains the digit 3,4 or 5 to designate the series in which this operator would have appeared under the previous policy of publishing three volumes. The three volumes were compiled by geographical region as follows:

- TS-3 Transportation Lines on the Great Lakes System
- TS-4 Transportation Lines on the Mississippi River
 System and the Gulf Intracoastal Waterway
- TS-5 Transportation Lines on the Atlantic, Gulf and Pacific Coasts

SERVICE

Service specifies the type of service in which the operator transports goods. These types of services are defined below:

- 1 = Carriage performed for compensation that is $\mbox{regulated by the Interstate Commerce Commission } \mbox{(ICC)} \; . \label{eq:carriage}$
- 2 = Carriage performed for compensation, but exempt from regulation by the ICC.
- 3 = Carriage performed by a private entity where the vessel and the goods being transported are owned by the same entity.

PRINC COMM Principal commodities carried by the TS Operator.

POINT_LOC Points or Localities and Waterways between which or on which the TS_Operator operates.

Vessel Category fields (748-850), each contains the number of vessels by type reported for that particular vessel company.

FL YR

File year identifies the calendar year in which this inventory of vessels was compiled.

APPENDIX:

Corps of Engineer District and Area Office Codes

01	New England	28	Rock Island
03	New York	29	St. Louis
05	Jacksonville*	30	Memphis
07	Philadelphia	31	Vicksburg
08	San Juan	32	New Orleans
09	Baltimore	33	Galveston
11	Norfolk	34	Little Rock
12	Wilmington	35	Kansas City
13	Charleston	36	Seattle
14	Savannah	37	Portland
15	Jacksonville**	38	Alaska
16	Mobile	39	San Francisco
17	Nashville	40	Sacramento
18	Louisville	41	Los Angeles
20	Huntington	42	Honolulu

24 Duluth
26 Chicago
27 St.Paul
60 Other Foreign Vessels
95 New York Tug Logs
99 Atlantic Customs

43 Omaha

Notes:

- * Atlantic Region
- ** Mississippi Valley Gulf Coast Region

Waterborne Transportation Lines of the United States T.S. Vessel File / Volume 3: Vessel Characteristics

21 Pittsburgh

File Names:

Self-Propelled Vessels Towboats Open Dry Cargo Barges

selfpr.xls towb.xls dryop.xls Covered Dry Cargo Barges Deck Barges Other Dry Cargo Barges Tank Barges drycv.xls deck.xls otdbrg.xls

tankbg.xls

FIELD NAME	DESCRIPTION	START	SIZE
		COLUMN	COLUMN
VESSEL	Vessel Code	1	5
VS_NAME	Vessel Name	6	24
VS_NUMBER	Vessel Number	30	7
CG_NUMBER	Vessel Coast Guard Number	37	10
VTCC	Vessel Type	47	4
ICST	International Classification of		
	Ships by Type	51	3
NRT	Vessel Net Tonnage	54	6
HORSEPOWER	Horsepower	60	6
REG_LNGTH	Regular Length of Vessel	66	7
OVER_LNGTH	Overall Length of Vessel	73	7
REG_BRDTH	Regular Breadth of Vessel	80	6
OVER_BRDTH	Overall Breadth of Vessel	86	6
HFP	Highest Fix Point of Vessel	92	5
CAP_REF	Capacity Reference Indicator	97	1
CAP_PASS	Capacity Passengers	98	4
CAP_TONS	Capacity Tons	102	8
YEAR	Year Vessel Built	110	4
REBLT	Rebuilt Indicator	114	1
YEAR_REBU	Year Vessel Rebuilt	115	4
YEAR_VESSE	Year Vessel Built	119	4
LOAD_DRAFT	Vessel Load Draft	123	7
LIGHT_DRAFT	Vessel Light Draft	130	7
EQUIP1	Cargo Handling Equipment 1	137	16
EQUIP2	Cargo Handling Equipment 2	153	16
STATE	Vessel State	169	2
BASE1	Vessel Operating Base 1	171	10
BASE2	Vessel Operating Base 2	181	10
SERIES	Vessel Series Indicator	191	1
TS_OPER	TS Operator Code	192	7
FL_YR	File Year	199	4

FIELD DESCRIPTIONS:

VESSEL

A unique vessel identification number assigned by Waterborne Commerce Statistics Center (WCSC).

VS NAME /

VS NUMBER

Used to describe the vessel by name and number.

CG NUMBER

Official number assigned to the vessel by the U.S. Coast Guard at the time of registration. This number is normally retained by a vessel throughout the life of the vessel.

VTCC

Vessel Type, Construction and Characteristics code, which describes in general terms the vessel type, construction and characteristics of the marine structure; e.g. 2A22 represents the code for a self-propelled liquid bulk tanker constructed of steel. See Appendix (below) for an explanation of the VTCC codes.

ICST

International Classification of Ships by Type was developed by an ad hoc international advisory group on Maritime Statistics and completed in 1994. The classification is based on the construction characteristics of the marine structure and not upon its particular use or cargo carried at a point in time. The ICST codes and descriptions and the cross reference list between the VTCC and ICST codes are provided in the Appendix below.

NRT

Net Tonnage is defined as the volume of space available for the accommodation of passengers and the stowage of cargo, expressed in units of 100 cubic feet for each net ton. The NRT is recorded on the vessel's registration papers or it can be determined as the difference between gross tonnage and the volume of space used for the accommodation of the vessel master, officers, crew, navigation and propelling machinery expressed in units of 100 cubic feet per ton. The NRT should not be confused with a tonnage capacity because it simply expresses a volume capacity for passengers and cargo. Depending on the type of cargo being transported the tonnage that can be stowed in the volume of 100 cubic feet will vary, although generally speaking, the total tonnage capacity

should not exceed three times the NRT of the vessel.

HRP

Specifies the horsepower rating for that particular vessel. The figures represent the horsepower rating when the vessel was new or when the present engine was installed.

REG LNGTH

The register length of the vessel is reported in units of feet to the nearest tenth. The register length of a vessel is the length measured on the top of the tonnage deck from the forepart of the outer planking or plating at the bow to the afterpart of the sternpost of screw steamers and to the afterpart of the rudder post of other vessels.

OVER LNGTH

The overall length of the vessel is reported in units of feet to the nearest tenth. The overall length is the extreme length of the vessel which would include any structure which extends beyond the outer planking or plating on the bow or any structure that extends beyond the sternpost on screw steamers and to the afterpart of the rudder post of other vessels.

REG BRDTH

The regular breadth of the vessel is reported in units of feet to the nearest tenth. The register breadth of a vessel is the breadth at its widest part measured from the outer side of planking or plating on one side to the corresponding point the opposite side.

OVER BRDTH

The overall breadth of the vessel is reported in units of feet to the nearest tenth. The overall breadth is the extreme breadth of maximum breadth to the outside of the vessel's structure. In paddle ships, this includes the paddle boxes.

HFP

The height of the highest fixed point on the vessel in units of feet to the nearest tenth. The height represents the distance between the waterline of the vessel (when light) and the highest fixed point on the vessel, such as a pilot

house, mast, etc. If the highest point of a vessel is a hinged stack or retractable pilot house, the distance is given to the hinge or top of pilot house in lowered position.

CAP REF

Designates a type of cargo carried by that particular vessel as defined below:

Character Type of Cargo

Blank General bulk cargo

+ Railroad cars

Autos, vehicles, trailers

% Cargo capacity railroad cars

@ Vans

& Container

CAP PASS The passenger capacity of the vessel.

CAP_TONS The full load capacity of the vessel in short tons(2,000 lbs)

YEAR Identifies the calendar year the vessel was built or rebuilt.

REBLT Contains either an asterisk or is blank. If the field

contains an asterisk then there will be a year given in the

YEAR REBUILT field.

 $$\operatorname{\textsc{Contains}}$$ either the year that the vessel was rebuilt or is YEAR REBUILT $$\operatorname{\textsc{blank}}$.$

 ${\tt YEAR}$ ${\tt VESSEL}$ The most recently year that the vessel was built or rebuilt.

The draft of the vessel when fully loaded, reported in units LOAD DRFT $\,\,$ of feet to the nearest tenth.

LIGHT DRFT

The draft of the vessel when it is empty, reported in units of feet to the nearest tenth.

EQUIP1 / EQUIP2 Equipment 1 and 2 describe permanent fixtures, such as

cranes, derricks, hoists, pumps, etc. and handling capacity

and type

of power used to operate the equipment, such as steam, electric, diesel, etc. Equip1 and Equip2 break up this descriptive data so that it can be printed in a two line format with Equip1 over Equip2.

STATE

State abbreviation for the operating headquarters of the vessel.

BASE1 / BASE2

Base 1 and 2 specify the city or locality of the operating headquarters of the vessel. Base1 and Base2 break up this descriptive data so that it can printed in a two line format with Base1 over Base2.

SERIES

One numeric character which identifies the vessel's primary area of operation as defined below:

Character	Area of Operation
3	Great Lakes System
4	Mississippi River System and the
	Gulf Intracoastal Waterway
5	Atlantic, Gulf & Pacific Coasts

TS OPER

TS_Operator is a Transportation Lines vessel company surbeyed and assigned a seven digit code by WCSC. The vessel inventory for each TS_Operator is reported annually to WCSC and is contained in the Master Vessel File. The first two digits of the TS_Operator code denotes the Engineer Division / District code with the last five digits forming a unique number assigned to a particular TS_Operator.

FL YR

File year identifies the calendar year in which this inventory of vessels was compiled.

APPENDIX

EXPLANATION OF VESSEL TYPE, CONSTRUCTION AND CHARACTERISTICS (VTCC Code)

Construction:

- A Steel
- B Wood
- C Aluminum
- D Fiberglass
- E Other
- F Unknown

Type: 1 Self-Propelled, Dry Cargo

Characteristics

- 02 Crewboat / Supply / Utility Vessel
- 03 General Cargo Freighter
- 04 Break Bulk / RO-RO Carrier
- 05 RO-RO Vessel
- 06 Bulk Carrier
- 07 Containership
- 08 Partial Containership
- 09 Container / Vehicle / Trailer (RO-RO) Carrier
- 10 Vehicle Carrier
- 11 Passenger Vessel
- 12 Combination Passenger and Cargo
- 13 Ferry
- 14 Railroad Car Ferry
- 15 Lash Vessel
- 16 Excursion / Sightseeing Vessels

Type: 2 Self-Propelled, Tanker

Characteristics:

- 20 Petroleum / Chemical Carrier
- 21 Chemical Carrier
- 22 Liquid Bulk Tanker
- 23 Liquid Gas Carrier
- 24 Other Tanker

Type: 3 Towboat

Characteristics:

- 35 Pushboat
- 36 Tugboat

Type: 4 Non-Self-Propelled, Dry Cargo

Characteristics:

- 40 Open Hopper Barge
- 41 Covered Hopper Barge
- 42 Carfloat (Railroad Car Barge)
- 43 Flat / Deck Barge
- 44 Pontoon Barge
- 47 Open Dry Cargo Barge
- 48 Covered Dry Cargo Barge
- 49 RO-RO Barge
- 50 Container Barge
- 52 Lash / Seabee Barge
- 90 Convertible Barge
- 99 Other

Type: 5 Non-Self-Propelled, Tanker

Characteristics:

- 70 Liquid Cargo Barge (Single Hull)
- 71 Liquid Cargo Barge (Double Hull)
- 72 Liquid Cargo Barge (Double Sided Only)
- 73 Liquid Cargo Barge (Double Bottom Only)
- 74 Other Liquid Cargo Barge, Not Elsewhere Included

Type: 6 Other

Characteristics:

01 Undefined

EXPLANATION OF THE INTERNATIONAL CLASSIFICATION OF SHIPS BY TYPE (ICST CODES)

- 114 Liquid Oil Tanker (Oil / Chemical)
- 120 Liquid Chemical Tanker
- 139 Liquid Gas Carrier (Other)
- 141 Liquid Tank Barge (Single Hull)
- 142 Liquid Tank Barge (Double Hull)
- 143 Liquid Tank Barge (Double Sided Only)
- 144 Liquid Tank Barge (Double Bottom Only)
- 149 Liquid Tank Barge (Other)
- 199 Liquid Other Tanker
- 229 Dry Bulk (Other) Carrier
- 310 Containership (Specialized)

325	Vehicle Carrier (Specialized)
329	Other Carriers (Specialized)
333	General Cargo RO-RO / Container
334	Other RO-RO Cargo (General Cargo)
335	General Cargo / Passenger
336	General Cargo / Container
341	Dry Cargo Deck Barge
343	Dry Cargo Lash/Seabee Barge
344	Open Dry Cargo Barge
345	Dry Cargo Covered Barge
349	Dry Cargo Other Barge
351	Passenger (Cruise)
359	Passenger (Other)
422	Offshore Support Vessel
431	Tugboat
432	Pushboat

321 Barge Carrier (Specialized)

VESSEL CATEGORY CROSS REFERENCE LIST

International Classification of Ships Vessel Type, Construction and

by Type (ICST)	Chara	acteristics (VTCC)
114 Liquid Oil Tanker (Oil/Chemical) 2 Carrier	20 1	Petroleum/Chemical
120 Liquid Chemical Tanker	21 (Chemical Carrier
139 Liquid Gas Carrier (Other)	23 :	Liquid Gas Carrier
141 Liquid Tank Barge (Single Hull) 7 (Single Hull)	70]	Liquid Cargo Barge
142 Liquid Tank Barge (Double Hull) 7 (Double Hull)	71 :	Liquid Cargo Barge
143 Liquid Tank Barge 7	72	Liquid Cargo Barge
(Double Sided Only)	(Doul	ble Sided Only)
144 Liquid Tank Barge 7	73 :	Liquid Cargo Barge
(Double Bottom Only)	(Doul	ble Bottom Only)
149 Liquid Tank Barge (Other) 7	74	Liquid Cargo Barge,
Λ	Not 1	Elsewhere Included
199 Liquid Other Tanker	22	Liquid Bulk Tanker
2	24 (Other Tanker
229 Dry Bulk (Other) Carrier)6 1	Bulk Carrier
310 Containership (Specialized))7 (Containership

321	Barge Carrier (Specialized)	15	Lash Vessel
325	Vehicle Carrier (Specialized)	10	Vehicle Carrier
329	Other Carriers (Specialized)	13	Ferry
		14	Railroad Car Ferry
333	General Cargo RO-RO/Container	09	Container/Vehicle/Trailer
		(RO-RO)	Carrier
334	Other RO-RO Cargo (General Cargo)	04	Break Bulk/RO-RO Carrier
		05	RO-RO Vessel
335	General Cargo/Passenger	03	General Cargo Freighter
Cara		12	Combination Passenger and
Carg		0.0	Doubiel Combainsuchin
336	General Cargo/Container	08	Partial Containership
341	Dry Cargo Deck Barge	43	Flat / Deck Barge
343	Dry Cargo Lash/Seebee Barge	52	Lash / Seabee Barge
		48	Covered Dry Cargo Barge
344	Open Dry Cargo	40	Open Hopper Barge
		47	Open Dry Cargo Barge
345	Dry Cargo Covered Barge	41	Covered Hopper Barge
		48	Covered Dry Cargo Barge
		43	Flat / Deck Barge
349 Barg	Dry Cargo Other Barge e)	42	Carfloat (Railroad Car
		44	Pontoon Barge
		49	RO-RO Barge
		50	Container Barge
		90	Convertible Barge
		99	Other
351	Passenger (Cruise)	11	Passenger Carrier
359 Vess	<i>y</i> • • •	16	Excursion / Sightseeing
422 Vess	Offshore Support Vessel el	02	Crewboat /Supply /Utility
431	Tugboat	36	Tugboat
432	Pushboat	35	Pushboat