

Maritime Administration Office of Data and Economic Analysis
Field Descriptions for Record Layout
Annual Vessel Entrances Files

| 1994-2005 Statistical Year | | |
|-----------------------------------|-------------------|--|
| Field Positions | Field Name | Field Description |
| 1-5 | DATE | Date of vessel entrance: Five-position field containing the date the vessel made entry (not arrival) into a U.S. Customs port. Format: [MM,Y,DD] |
| 6-7 | DISTRICT | District of Entry: Two-position field identifying the U.S. Customs district of entry where the vessel made entry into the United States (See Schedule D , Appendix A-vm) |
| 8-9 | PORT | Port of Entry: Two-position field identifying the U.S. Customs port of entry where the vessel made entry into the United States (See Schedule D , Appendix A-vm) |
| 10-13 | MANIFEST | Manifest Number: Four-position field which uniquely identifies each vessel arrival assigned by the Customs reporting port responsible for assigning the manifest |
| 14-18 | CHANNEL | Army Corps of Engineers Channel: A 5-position field containing Army corps of Engineers channel code representing first position (berth or dock) of the ship upon entering a port or last position of a ship before clearing a port (See Channel Master, Appendix A-vm) |
| 19-21 | FILL1 | Blank spaces |
| 22-25 | PASS | Number of passengers: Number of revenue paying passengers disembarking at the first dock of arrival within the port of entry |
| 26-29 | VESSCODE14 | MarAd Vessel Code: A unique four position alphanumeric code representing the vessel. Used internally by MarAd to assist in vessel identification |
| 30-32 | FILL2 | Blank Spaces |
| 33-68 | VESSNAME | Vessel Name: The full vessel name out to 36 characters. |
| 69-70 | FLAG | Flag of Registry: Two-position MarAd flag code representing the vessel's nationality or country of registry |
| 71-71 | TYPESERV | Type Service Code: One position field identifying the type of vessel service 1 – Liner 4 – Tanker 5 – Tramp (See Vessel Type Service, appendix A-vm) |
| 72-72 | RIG | Vessel Rig: One digit code representing type of vessel (See Rig Type, appendix A-vm) |
| 73-74 | FILL3 | Blank Spaces |

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| 75-77 | ICST | International Classification of Ships by Type: A three position code describing the vessel's type of construction/design use (See ICST, Appendix A-vm) |
| 78-78 | FILL4 | Blank Spaces |
| 79-79 | CONTAINER | Containerized Cargo: Field is marked with a "C" if the vessel is fully containerized |
| 80-85 | NRT | Net Registered Tonnage: Net Registered Tonnage is defined as the space available on a vessel for the accommodation of passengers and the stowage of cargo where a vessel ton equates to 100 cubic feet of space. This excludes space occupied by crew's quarters, machinery for navigation, engine room and fuel |
| 86-91 | GRT | Gross Registered Tonnage: Gross Registered Tonnage is defined as a vessel's total enclosed space measured in cubic feet where 100cubic feet equates to 1 vessel ton |
| 92-92 | FILL5 | Blank Spaces |
| 93-94 | DRAFT | Vessel Sailing Draft: The maximum distance of any part of the ship below the water line upon entry in feet |
| 95-95 | FILL6 | Blank Spaces |
| 96-99 | OPERCDE | Four position code containing MarAd's identifier for operators of vessels with a liner type of service (TYPESERV=1) (See Operator Master, Appendix A-vm) |
| 100-101 | NAT | Operator Nationality: A two position code representing an operator's nationality (See Operator Master, Appendix A-vm) |
| 102-102 | FILL7 | Blank Spaces |
| 103-103 | TRADE | Type of Trade: A one-position field indicating whether the vessel entered directly from other foreign ports or by way of other domestic ports in ballast, with bulk cargo or general cargo. (See Trade Codes, Appendix A-vm) |
| 104-108 | CTRYPORT | Last Port: A five-position field containing the foreign port code if the vessel arrived direct from foreign or the U.S. District and Port code with a trailing zero if arrived by way of another domestic port. (See Next/Last Port , Appendix A-vm) |
| 109-109 | FILL8 | Blank Spaces |
| 110-110 | TYPEVESS | Type of Vessel Entry: One-position code inserted during processing identifying type of entry: 0 Vessels arriving from other domestic ports 1 All vessels except tanker entered direct from foreign ports 2 Tankers entered direct from foreign ports |
| 111-111 | TYPECARG | Type of Cargo Transaction: One-position code identifying the type of cargo transaction: 0 No foreign cargo discharged at this port 1 Vessels entered from foreign with bulk or general cargo |

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| | | 3 Vessels entered from foreign in ballast |
| 112-112 | TRIP | Trip code: One-position code indicating whether or not foreign cargo was discharged (Field not used starting with August 1998 data) 0 No foreign cargo discharged at this port 1 Foreign cargo discharged at this port |
| 113-114 | PERIODCODE | Period Code: Two-position field containing a time period number based on the date of entry. Code is used for linking detailed cargo and vessel movement information. |
| 115-116 | MONTH14 | Statistical Processing Month: Two-position field containing the statistical month in which the data were processed. |
| 117-117 | STATYR | Statistical Processing Year: One-position field containing the last digit of the statistical year in which the data were processed. |
| 118-122 | SERIAL14 | Vessel Movement Serial Number: Five-position field containing the serial number of the vessel movement record assigned during monthly processing. |
| 123-128 | CUMSERX | Cumulative Serial Number: Six-position field containing the serial number of the vessel movement record that uniquely identifies records in the 12 month cumulative vessel movement file. |
| 129-129 | TYPEDOC | One-position field containing zero if an entrance record |
| 130-136 | FILL9 | Blank Spaces |

**Maritime Administration Office of Data and Economic Analysis
Field Descriptions for Record Layout
Annual Vessel Clearance Files**

| 1994-2005 Statistical Year | | |
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| Field Positions | Field Name | Field Description |
| 1-5 | DATE | Date of vessel clearance: Five-position field containing the date the vessel cleared from a U.S. Customs port. Format: [MM,Y,DD] |
| 6-7 | DISTRICT | District of Clearance: Two-position field identifying the U.S. Customs district of vessel clearance. (See Schedule D Appendix A-vm) |
| 8-9 | PORT | Port of Clearance: Two-position field identifying the U.S. Customs port of vessel clearance. (See Schedule D , Appendix A-vm) |
| 10-13 | MANIFEST | Manifest Number: Four-position field which uniquely identifies each vessel departure assigned by the Customs reporting port responsible for assigning the manifest |
| 14-18 | CHANNEL | Army Corps of Engineers Channel: A 5-position field containing Army corps of Engineers channel code representing first position (berth or dock) of the ship upon |

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| | | entering a port or last position of a ship before clearing a port |
| 19-21 | FILL1 | Blank spaces |
| 22-25 | PASS | Number of passengers: Number of revenue paying passengers embarking at the last dock of departure within the port of clearance |
| 26-29 | VESSCODE14 | MarAd Vessel Code: A unique four-position alphanumeric code representing the vessel. Used internally by MarAd to assist in vessel identification |
| 30-32 | FILL2 | Blank Spaces |
| 33-68 | VESSNAME | Vessel Name: The full vessel name out to 36 characters. |
| 69-70 | FLAG | Flag of Registry: Two-position MarAd flag code representing the vessel's nationality or country of registry |
| 71-71 | TYPESERV | Type Service Code: One-position field identifying the type of vessel service 1 – Liner 4 – Tanker 5 – Tramp (See Vessel Type Service, appendix B) |
| 72-72 | RIG | Vessel Rig: One digit code representing type of vessel (See Rig Type, appendix B) |
| 73-74 | FILL3 | Blank Spaces |
| 75-77 | ICST | International Classification of Ships by Type: A three position code describing the vessel's type of construction/design use (See ICST, Appendix A-vm) |
| 78-78 | FILL4 | Blank Spaces |
| 79-79 | CONTAINER | Containerized Cargo: Field is marked with a "C" if the vessel is fully containerized |
| 80-85 | NRT | Net Registered Tonnage: Net Registered Tonnage is defined as the space available on a vessel for the accommodation of passengers and the stowage of cargo where a vessel ton equates to 100 cubic feet of space. This excludes space occupied by crew's quarters, machinery for navigation, engine room and fuel |
| 86-91 | GRT | Gross Registered Tonnage: Gross Registered Tonnage is defined as a vessel's total enclosed space measured in cubic feet where 100cubic feet equates to 1 vessel ton |
| 92-92 | FILL5 | Blank Spaces |
| 93-94 | DRAFT | Vessel Sailing Draft: The maximum distance of any part of the ship below the water line upon clearance in feet |
| 95-95 | FILL6 | Blank Spaces |
| 96-99 | OPERCDE | Four-position code containing MarAd's identifier for operators of vessels with a liner type of service (TYPESERV=1) (See Operator Master, Appendix A-vm) |

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| 100-101 | NAT | Operator Nationality: A two-position code representing an operator's nationality (See Operator Master, Appendix A-vm) |
| 102-102 | FILL7 | Blank Spaces |
| 103-103 | TRADE | Type of Trade: A one-position field indicating whether the vessel cleared directly to foreign ports or by way of other domestic ports in ballast, with bulk cargo or general cargo. (See Trade Codes, Appendix B) |
| 104-108 | CTRYPORT | Next Port: A five-position field containing the foreign port code if the vessel is cleared direct to foreign or the U.S. District and Port code with a trailing zero if cleared by way of another domestic port. (See Next/Last Port , Appendix A-vm) |
| 109-109 | FILL8 | Blank Spaces |
| 110-110 | TYPEVESS | Type of Vessel Clearance: One-position code inserted during processing identifying type of clearance: 0 Vessels clearing to other domestic ports 1 All vessels except tanker cleared direct to foreign ports 2 Tankers cleared direct to foreign ports |
| 111-111 | TYPECARG | Type of Cargo Transaction: One position code identifying the type of cargo transaction: 0 No foreign cargo loaded at this port 1 Vessels cleared to foreign with bulk or general cargo 3 Vessels cleared to foreign in ballast |
| 112-112 | TRIP | Trip code: One-position code indicating whether or not foreign cargo was loaded (Field not used starting with August 1998 data) 0 No foreign cargo loaded at this port 1 Foreign cargo loaded at this port |
| 113-114 | PERIODCODE | Period Code: Two-position field containing a time period number based on the date of clearance. Code is used for linking detailed cargo and vessel movement information. |
| 115-116 | MONTH14 | Statistical Processing Month: Two-position field containing the statistical month in which the data were processed. |
| 117-117 | STATYR | Statistical Processing Year: One-position field containing the last digit of the statistical year in which the data were processed. |
| 118-122 | SERIAL14 | Vessel Movement Serial Number: Five-position field containing the serial number of the vessel movement record assigned during monthly processing. |
| 123-128 | CUMSERX | Cumulative Serial Number: Six-position field containing the serial number of the vessel movement record that uniquely identifies records in the 12 month cumulative vessel movement file. |

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| 129-129 | TYPEDOC | One-position field containing a 1 if a clearance record |
| 130-136 | FILL9 | Blank Spaces |

Appendix A-vm

Schedule D – Classification of US Customs Districts and Ports for US Foreign Transportation Statistics. This schedule provides a list of US Customs districts, the ports included under each district, and the corresponding numeric codes used in compiling US foreign transportation statistics. Schedule D information is available in the following reference file:

Dipt[YYYY] where YYYY corresponds to the year for the data file in use. For example: The Dipt1999 would be used with the 1999 data file. This reference file only contains US Customs districts and ports engaged in US waterborne foreign trade.

Schedule K – Classification of Foreign Ports by Geographic Trade Area and Country. This schedule lists the major ports of the world directly handling waterborne shipments in the foreign trade of the United States and the numeric codes identifying these ports. Schedule K information is available in the following reference file:

Fprt[YYYY] where YYYY corresponds to the year for the data file in use. For example: The Fprt1999 would be used with the 1999 data file. This reference file only contains US Customs districts and ports engaged in US waterborne foreign trade. (This reference file is not needed if the **CPRT[YYYY]** file is available.

ICST - International Classification of Ships by Type This reference file contains codes and their corresponding description of a vessel's design use. The name for this file is **ICST[YYYY]** where YYYY corresponds to the year of the data file in use.

Operator Master This master is used in conjunction with the OPERCDE field in the vessel entrance and clearance files. The file contains four digit codes which represent the names and nationalities of operators engaged in liner type of service (TYPESERV=1). The reference file name is **OPER[YYYY]** where YYYY represents the year of the data file in use

Next/Last Port This is the next port of arrival after clearing a U.S. port or the last port of departure before entering a U.S. Port. The port can be either foreign or domestic. Records in which Next/Last ports are foreign should have a corresponding trade code of 1, 2, or 3. Records in which the Next/Last ports are domestic should have a corresponding trade code of 4, 5, or 6. The reference file to use for the Next/Last port field is **CPRT[YYYY]** where YYYY represents the year of the data file in use. There are cases within this reference file where one code may represent both a domestic and foreign Next/Last port. In these cases the code appears more than once in the reference file. This may cause problems when using this reference file in a relational database. Cases where a code represents both domestic and foreign Next/Last port are listed below:

| Code Domestic Port | Foreign Port |
|----------------------------|--|
| 01520 Searsport, ME | Hamilton, ONT, Canada |
| 20100 Gramercy, LA | All Other Mexico West Coast Region Ports |
| 20120 Avondale, LA | Manzanillo, Mexico |
| 28300 Carquinez Strait, CA | All Other Guadeloupe Ports |
| 30100 Anacortes, WA | All Other Colombian Caribbean Region Ports |
| 30140 Friday Harbor, WA | Santa Marta, Colombia |

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|---------------------------|--------------------------------------|
| 52030 Port Everglades, FL | Das, United Arab Emirates |
| 52040 West Palm Beach, FL | Fateh Terminal, United Arab Emirates |
| 52050 Fort Pierce, FL | Jabel Dhanna, United Arab Emirates |

Channel Master The Channel Master file contains codes representing waterways and facilities used by vessels engaged in international commerce and is maintained by the U.S. Army Corps of Engineers. The reference file is Chan[YYYY] where YYYY corresponds to the year for the data file in use.

Vessel Type of Service

The three types of vessel service are defined and explained below:

Type Service 1: These are scheduled carriers that advertise in publications advance of sailing. They generally have a fixed itinerary and tend to carry mixed types of containerized, non-bulk cargo.

Type Service 5: These are typically dry bulk carriers that do not have regular scheduled itineraries.

Type Service 4: Typically Liquid bulk carriers with no regular itineraries

Vessel type of service does not define vessel design use and should only be used as a rough guide for determining such type of use. The type of service for a record in the waterborne databank files may correspond to a commodity code in that same record that may represent what is not typically carried by that particular type of service.

Rig Type

The following are rig types represented in the vessel entrance and clearance files:

1. Motor/steam dry cargo
2. Motor/steam tanker
3. Tug/Tow boat
4. Barge other than tanker, scow
5. Tanker barge
6. Other, including yacht, sloop, schooner, sailboat, houseboat,

rowboat, and research vessel .

Trade Codes

The trade codes used in the vessel entrance and clearance files are listed below with their descriptions:

1. Entered direct from foreign in ballast
2. Entered direct from foreign with bulk cargo
3. Entered direct from foreign with general cargo
4. Entered by way of other domestic ports in ballast
5. Entered by way of other domestic ports with bulk cargo

6. Entered by way of other domestic ports with general cargo