World Port Index
Explanation of Data Fields

The online web app version of the World Port Index, Pub 150, cancels the previous edition of Pub 150. This database gives the location, characteristics, known facilities, and available services of a great many ports and shipping facilities and oil terminals throughout the world. The selection of these places is based on criteria established by the National Geospatial-Intelligence Agency (NGA) and other contributors.

This document gives the field names and an explanation of the content for data downloaded from the World Port Index (WPI) Viewer application. Field aliases (plain language) are listed first. Corresponding field names for downloaded files are given in brackets. A description of the field contents follows, including values specific to each field. Where fields use values of "Yes," "No," and "Unknown," "Yes" indicates the presence of the attribute, "No" indicates the known absence of the attribute, and "Unknown" indicates that no information is available.

Contact Information for the NGA Maritime Safety Office can be found at the end of this document.

Field Name	Description of Contents
OID [OID]	A common identifier is given for all entries in the WPI.
WPI Number [wpinumber]	Each port and place contained in this dataset is given a unique number by the publisher. WPI numbers remain consistent between updates and are also referenced in NGA Sailing Directions.
Region Name [regionname]	Region Names, as given in the 2019 edition of the World Port Index, are included.
Main Port Name [main_port_]	Main Port Name, with no diacritical marks. In general, port names listed are approved by the U.S. Board on Geographic Names.
Alternate Port Name [alternate_]	Alternate, conventional, or familiar names may be included here.
UN/LOCODE [unlocode]	Given in accordance with the United Nations Code for Trade and Transport Locations.
Country Code [countryCode]	Country name according to U.S. Government's Geopolitical Entities, Names, and Codes (GENC) standard.

Field Name	Description of Contents
World Water Body [dodwaterbo]	The relevant body of water, as defined by the United States Department of Defense.
IHO S-130 Sea Area [s_130water]	The number/name of the appropriate water area in the S-130 format is given.
Sailing Direction or Publication [publicatio]	The publication number and title of the NGA Sailing Directions, describing the port or area in which the port is located, are normally given. For ports in other areas, other publications are given, including United States Coast Pilot (all volumes) and United Kingdom Hydrographic Office Black Sea and Sea of Azov Pilot.
Publication Link [publicat_1]	A link to the online publication is provided.
Standard Nautical Chart [chart]	The number of the best-scale chart issued by NGA is listed with no prefix.
S-57 Electronic Navigational Chart [s_57_enc]	The number/name of the appropriate electronic navigational chart in the S-57 format is given.
S-101 Electronic Navigational Chart [s_101_enc]	The number/name of the appropriate electronic navigational chart in the S-101 format is given.
Digital Nautical Chart [dnc]	NGA Digital Nautical Chart library numbers are given.
Tidal Range (m) [tidal_rang]	The mean range in meters is given for all ports. The mean rise is substituted if range data is not available. The distinction between range and rise can be disregarded without affecting the general utility of this Index.
Entrance Width (m) [entrance_w]	The maximum width of the entrance is given, where restrictions exist.
Channel Depth (m) [channel_de]	The controlling depth of the principal or deepest channel at chart datum is given. The channel selected should lead up to the anchorage if within the harbor, or to the wharf/pier. If the channel depth decreases from the anchorage to the wharf/pier and cargo can be worked at the anchorage, then the depth leading to the anchorage is given.
Anchorage Depth (m) [anchorage_]	The depth in the anchorage is the least depth in the best or principal anchorage. The depth listed reflects a general depth in the anchorage rather than an isolated shoal spot. A shoal which does not necessarily obstruct the anchorage is not considered for the least depth if the rest of the anchorage is safe and practicable.

Field Name	Description of Contents
Cargo Pier Depth (m) [cargo_pier]	The greatest depth at chart datum alongside the respective wharf/pier is given. If there is more than one wharf/pier, the one which has the greatest usable depth is shown. For example, if there are three cargo/container piers with depths of 7.0 meters, 10.1 meters, and 13.1 meters, then the deepest depth of 13.1 meters would be entered into the Index.
Oil Terminal Depth (m) [oil_termin]	The greatest depth at chart datum will be shown. Note: an oil terminal is a facility designed to conduct the loading and/or off-loading of crude oil or refined petroleum products. The terminal can be associated with a port or can be a standalone facility. Generally, the terminal is offshore and is connected to the shore facilities by a pipeline. The offshore part may be an extended pier, SBM, buoy field, platform, or storage tanker. Many ports have piers and/or wharves with facilities for refueling vessels. The oil terminal is distinguished by being specifically for oil transfer operations and nothing else (repairs alongside and cargo operations not permitted).
Liquified Natural Gas Terminal Depth (m) [lng_termin]	The greatest depth at chart datum will be shown. Note: LNG terminals are normally located away from other port operations and operate under an expanded set of safety regulations.
Maximum Vessel Length (m) [maxvessell]	The maximum length that can be accommodated in the port is given.
Maximum Vessel Beam (m) [maxvesselb]	The maximum beam that can be accommodated in the port is given.
Maximum Vessel Draft (m) [maxvesseld]	The maximum draft that can be accommodated in the port is given. 最大吃水量
Offshore Maximum Vessel Length (m) [offhorema]	The maximum length that can be accommodated offshore is given.
Offshore Maximum Vessel Beam (m) [offshore_1]	The maximum beam that can be accommodated offshore is given.
Offshore Maximum Vessel Draft (m) [offshore_2]	The maximum draft that can be accommodated offshore is given.
Harbor Size [harbor_siz]	The classification of harbor size -- Large, Medium, Small, or Very Small -- is based on several applicable factors, including area, facilities, and wharf space. It is not based on area alone or on any other single factor. 码头空间

Field Name	Description of Contents
Harbor Type** [harbor_typ] ** (See examples of harbor types on pages 9-10)	The term "harbor" is used for the principal water area of the port. Harbors are classified as: Coastal (Natural), Coastal (Breakwater), Coastal (Tide Gates), River (Natural), River (Basin), River (Tide Gates), Canal or Lake, or Open Roadstead.
Harbor Use [harbor_use]	Harbor use is classified as Fishing, Military, Cargo, Ferry, or Unknown.
Shelter Afforded [shelter_af]	The shelter afforded from wind, sea, and swell refers to the area where normal port operations are conducted, usually the wharf area. Shelter afforded by the anchorage area may be given for ports where cargo is handled by lighters. Values given are Excellent, Good, Fair, Poor, or None.
Entrance Restriction – Tide [ent_restri]	Natural factor restricting the entrance of vessels -- Tide. Values are Yes, No, or Unknown.
Entrance Restriction - Heavy Swell [ent_rest_1]	Natural factor restricting the entrance of vessels -- Heavy Swell. Values are Yes, No, or Unknown.
Entrance Restriction – Ice [ent_rest_2]	Natural factor restricting the entrance of vessels -- Ice. Values are Yes, No, or Unknown.
Entrance Restriction – Other [ent_rest_3]	Natural factor restricting the entrance of vessels -- Other. Values are Yes, No, or Unknown.
Overhead Limits [overhead_l]	This entry is shown only to indicate that bridge and overhead power cables exist. It is advisable to refer to the chart for particulars. Values are Yes, No, or Unknown.
Underkeel Clearance Management System [ukc_mgmt_s]	Indicates whether an Underkeel Clearance Management System is in place in the port or its approaches. Values are Static, Dynamic, None, or Unknown.
Good Holding Ground [good_holdi]	This is indicated only where actual anchorage conditions have been reported. Values are Yes, No, or Unknown.
Turning Area [turning_ar]	An indication that a turning basin or other water area for turning vessels is available in the port. Values are Yes, No, or Unknown.
Port Security [port_secur]	Indicates whether International Ship and Port Facility Security (ISPS) safety regulations will apply in the port. Values are Yes, No, or Unknown.
Estimated Time of Arrival Message [eta_messag]	Indicates whether an ETA message is required for that port. Values are Yes, No, or Unknown.

Field Name	Description of Contents
Quarantine – Pratique [quarantine]	Indicates whether pratique will apply to vessels arriving in the port. Values are Yes, No, or Unknown.
Quarantine – Sanitation [quaranti_1]	Indicates whether sanitation will apply to vessels arriving in the port. Values are Yes, No, or Unknown.
Quarantine – Other [quaranti_2]	Indicates whether other restrictions will apply to vessels arriving in the port. Values are Yes, No, or Unknown.
Traffic Separation Scheme [tss]	Indicates if a Traffic Separation Scheme is established in the approach to the port.
Vessel Traffic Service [vts]	Indicates that a Vessel Traffic Service is established in the approach to the port. Values are Yes, No, or Unknown.
First Port of Entry [first_port]	A port where a vessel may enter and clear foreign goods and personnel through Customs and Immigration. For vessels arriving from overseas, a quarantine clearance is required by the First Port of Entry. Values are Yes, No, or Unknown.
US Representative [us_represe]	Indicates whether the United States maintains civilian/military representation in that port. Values are Yes, No, or Unknown.
Pilotage – Compulsory [pilotage_c]	The necessity or availability of taking a pilot is given. In some cases, pilots are not actually stationed at the port in question and must be obtained elsewhere. Values are Yes, No, or Unknown.
Pilotage – Available [pilotage_a]	The necessity or availability of taking a pilot is given. In some cases, pilotage may be compulsory, although pilots are not actually stationed at the port in question and must be obtained elsewhere. Values are Yes, No, or Unknown.
Pilotage - Local Assistance [pilotage_l]	The availability of local assistance, as opposed to official pilotage, is given. Values are Yes, No, or Unknown.
Pilotage – Advisable [pilotage_1]	The necessity or availability of taking a pilot, even though not compulsory, is given. In some cases, pilotage may be compulsory, although pilots are not actually stationed at the port in question and must be obtained elsewhere. Values are Yes, No, or Unknown.
Tugs – Salvage [tugs_salva]	Indicates whether tugs are available for salvage assistance. Values are Yes, No, or Unknown.
Tugs – Assistance [tugs_assis]	Indicates whether tugs are available for docking or anchorage assistance. Values are Yes, No, or Unknown.

Field Name	Description of Contents
Communications – Telephone [com_teleph]	Indicates whether telephone communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Communications – Telefax [com_telefa]	Indicates whether telefax communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Communications – Radio [com_radio]	Indicates whether radio communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Communications – Radiotelephone [com_radiot]	Indicates whether radiotelephone communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Communications – Airport [com_air]	Indicates whether airport communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Communications – Rail [com_rail]	Indicates whether rail communications are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Search and Rescue [search_and]	Indicates whether there are Search and Rescue facilities in the port or nearby area. Values are Yes, No, or Unknown.
NAVAREA [navarea]	The corresponding NAVAREA, as defined in relevant IMO and IHO documentation, is given.
Facilities – Wharves [fac_wharve]	Indicates whether wharf facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities – Anchorage [fac_anchor]	Indicates whether anchorage facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Dangerous Cargo Anchorage [fac_dangca]	Indicates whether dangerous cargo anchorage facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Med Mooring [fac_medmoo]	Indicates whether med mooring facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Beach Mooring [fac_beachm]	Indicates whether beach mooring facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Ice Mooring [fac_icemoo]	Indicates whether ice mooring facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities – RoRo [fac_roro]	Indicates whether ro-ro facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.

Field Name	Description of Contents
Facilities - Solid Bulk [fac_solidb]	Indicates whether solid bulk facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Liquid Bulk [fac_liquid]	Indicates whether liquid bulk facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities – Container [fac_contai]	Indicates whether container facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities – Breakbulk [fac_breakb]	Indicates whether breakbulk facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - Oil Terminal [fac_oilter]	Indicates whether oil terminal facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities - LNG Terminal [fac_lngter]	Indicates whether LNG terminal facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Facilities – Other [fac_other]	Indicates whether other facilities are available in the port and/or nearby area. Values are Yes, No, or Unknown.
Medical Facilities [med_facili]	Indicates that there are some form of medical facilities in the port that will accommodate seamen. Values are Yes, No, or Unknown.
Garbage Disposal [garbage_di]	Indicates whether garbage can be disposed of at the pier or by lighters at the anchorage or mooring. Values are Yes, No, or Unknown.
Chemical Holding Tank Disposal [cht]	Indicates whether Chemical Holding Tanks (black water) can be discharged at the pier or at the anchorage. Values are Yes, No, or Unknown.
Degaussing [degauss]	Indicates whether degaussing facilities are available. Values are Yes, No, or Unknown.
Dirty Ballast Disposal [dirty_ball]	Pertains to a port that has sufficient facilities for receiving oily and/or chemically contaminated dirty ballast. Values are Yes, No, or Unknown.
Cranes – Fixed [crane_fixe]	Indicates whether fixed cranes are available. Values are Yes, No, or Unknown.
Cranes – Mobile [crane_mobi]	Indicates whether mobile cranes are available. Values are Yes, No, or Unknown.
Cranes – Floating [crane_floa]	Indicates whether floating cranes are available. Values are Yes, No, or Unknown.
Cranes – Container [cranes_con]	Indicates whether container cranes are available. Values are Yes, No, or Unknown.
Lifts - 100+ Tons [lifts_100_]	Indicates the lifting power in tons of the available cranes. Values are Yes, No, or Unknown.

Field Name	Description of Contents
Lifts - 50-100 Tons [lifts_50_1]	Indicates the lifting power in tons of the available cranes. Values are Yes, No, or Unknown.
Lifts - 25-49 Tons [lifts_25_4]	Indicates the lifting power in tons of the available cranes. Values are Yes, No, or Unknown.
Lifts - 0-24 Tons [lifts_0_24]	Indicates the lifting power in tons of the available cranes. Values are Yes, No, or Unknown.
Services – Longshoremen [serv_longs]	Indicates whether longshoremen services are available. Values are Yes, No, or Unknown.
Services – Electricity [serv_elect]	Indicates whether electricity services are available. Values are Yes, No, or Unknown.
Services – Steam [serv_steam]	Indicates whether steam services are available. Values are Yes, No, or Unknown.
Services - Navigation Equipment [serv_naveq]	Indicates whether navigation equipment services are available. Values are Yes, No, or Unknown.
Services - Electrical Repair [serv_ele_1]	Indicates whether electrical repair services are available. Values are Yes, No, or Unknown.
Services - Ice Breaking [serv_icebr]	Indicates whether ice breaking services are available. Values are Yes, No, or Unknown.
Services – Diving [serv_divin]	Indicates whether diving services are available. Values are Yes, No, or Unknown.
Supplies – Provisions [supply_pro]	The availability of provisions is listed. Values are Yes, No, or Unknown.
Supplies - Potable Water [supply_h2o]	The availability of water is listed. Values are Yes, No, or Unknown.
Supplies - Fuel Oil [supply_fue]	The availability of fuel oil is listed. Fuel and oil types are listed separately, but in cases of original source information failing to distinguish between the two, both kinds are presumed to be available and are so listed. Values are Yes, No, or Unknown.
Supplies - Diesel Oil [supply_die]	The availability of diesel oil is listed. Fuel and oil types are listed separately, but in cases of original source information failing to distinguish between the two, both kinds are presumed to be available and are so listed. Values are Yes, No, or Unknown.
Supplies - Aviation Fuel [supply_avi]	The availability of aviation fuel is listed. Values are Yes, No, or Unknown.

| Field Name	Description of Contents
Supplies - Deck [supply_dec]	The availability of deck supplies is listed. Values are Yes, No, or Unknown.
Supplies - Engine [supply_eng]	The availability of engine supplies is listed. Values are Yes, No, or Unknown.
Repairs [repair_cod]	Repairs that can be made to ocean-going vessels are classified as Major (extensive overhauling and rebuilding in well equipped shipyards), Moderate (extensive overhauling and rebuilding that does not require drydocking, or where suitable facilities are lacking or inadequate), Limited (small repair work in independent machine shops or foundries), Emergency Only, None, or Unknown.
Dry Dock [dry_dock]	The general size and type of the largest underwater repair facilities in the port are Small (up to 200 meters), Medium (201 - 300 meters), or Large (301 meters and over).
Railway [railway]	The general size and type of the largest underwater repair facilities in the port are Small (up to 200 tons), Medium (201 - 1000 tons), or Large (over 1000 tons).
Latitude [Latitude]	Latitude of the port is given.
Longitude [Longitude]	Longitude of the port is given.

Examples of Harbor Types

KINGSTON JAMAICA — A

SPANISH TOWN

KINGSTON

BLUE MOUNTAIN

AERO Radio Beacon

Port Royal

Kingston Harbor

Tower

Chys.

Palm Beach

Plumb Point Light

WATER TOWER

Hellshire Point

Cow Bay Point

TYPE A—COASTAL (NATURAL)

A coastal harbor sheltered from the wind and sea by virtue of its location within a natural coastal indentation or in the protective lee of an island, cape, reef or other natural barrier.

CHERBOURG FRANCE — B
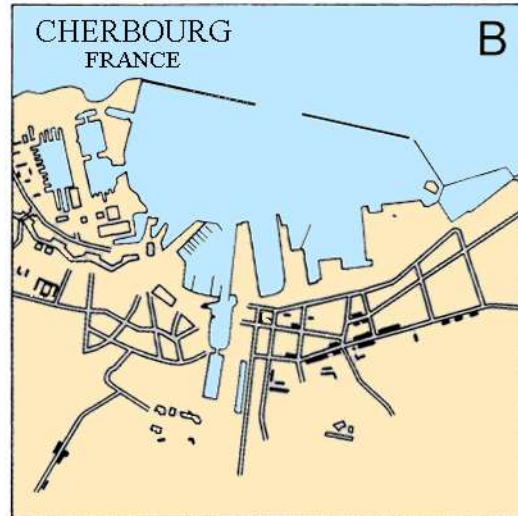
TYPE B — COASTAL (BREAKWATER)

A coastal harbor lying behind a man-made breakwater constructed to provide shelter, or supplement inadequate shelter already provided by natural sources.

MUMBAI INDIA — C

PRINCES DOCK

VICTORIA DOCK

INDIRA DOCK

DRY DOCK

BALLARD PIER

CROSS ISLAND
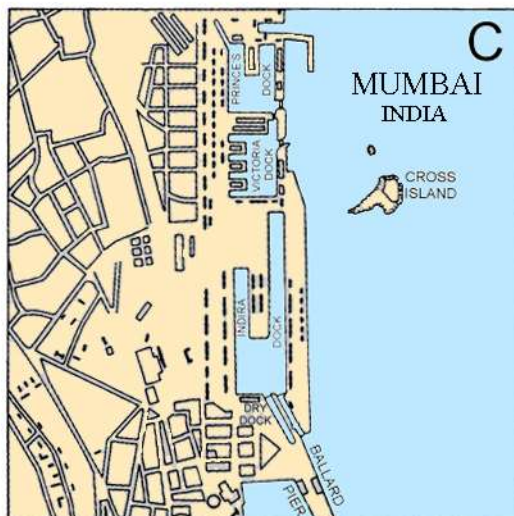
TYPE C—COASTAL (TIDE GATES)

A coastal harbor, the waters of which are constrained by locks or other mechanical devices in order to provide sufficient water to float vessels at all stages of the tide.

JACKSONVILLE FLORIDA, U.S.A. — D
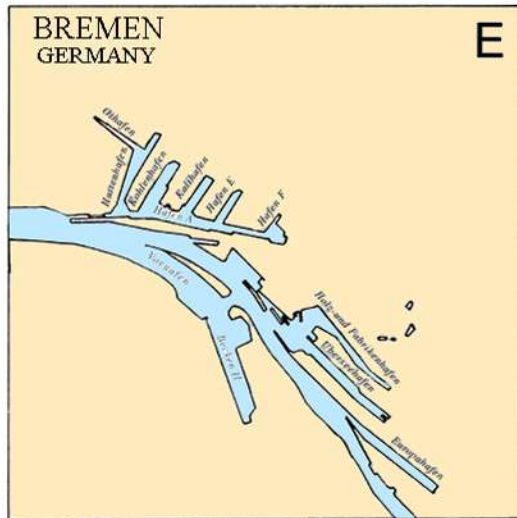
COMMODORE PT.

TYPE D—RIVER (NATURAL)

A harbor located on a river, the waters of which are not retained by any artificial means. The facilities may consist of quays or wharves parellel to the banks of the stream, or piers or jetties which extend into the stream.

EXAMPLES OF HARBOR TYPES

BREMEN
GERMANY
E

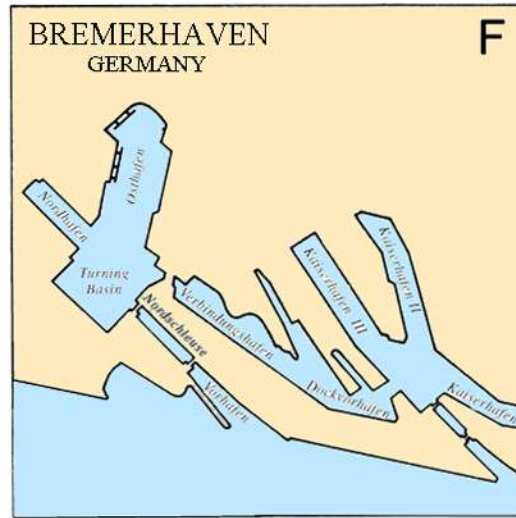**TYPE E-RIVER (BASINS)**

A river harbor in which slips for vessels have been excavated in the banks, obliquely or at right angles to the axis of the stream.

BREMERHAVEN
GERMANY
F

TYPE F-RIVER (TIDE GATES)

A river harbor, the waters of which are constrained by locks or other mechanical devices in order to provide sufficient water to float vessels at all stages of the tide.

BRUGGE
BELGIUM
G
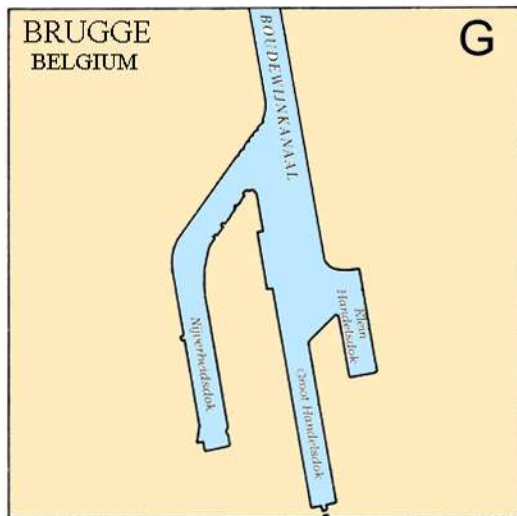
TYPE G-CANAL OR LAKE

A harbor located in the interior portion of a canal or lake that is connected with the sea by a navigable waterway.

RA'S AT TANNURAH
SAUDI ARABIA
H

SEA ISLAND

Flares

Flare

TANKS

Flare
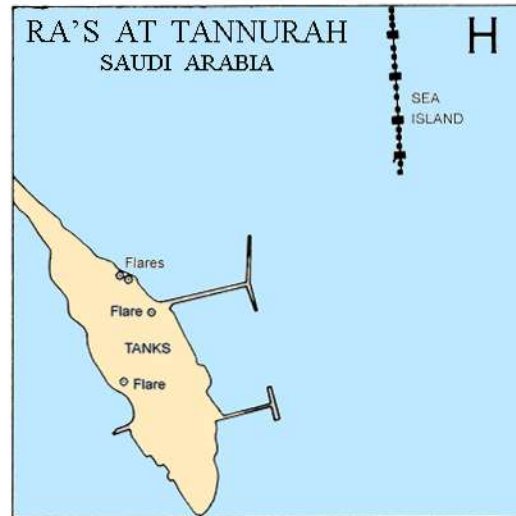
TYPE H-OPEN ROADSTEAD

A port which has no natural or artificial barrier to provide shelter from the wind, sea and swell.

EXAMPLES OF HARBOR TYPES

Contact Information

Points of Contact:
During normal office hours (0600 to 1500 ET), users can contact the Maritime Safety Office with the information listed below. For after-hours assistance, users should contact the Worldwide Navigation Warning Service watch desk (Toll-free: 800-362-6289).

Telephone: 571-557-8080
DSN: 547-8080

E-mail: MarHelp@nga.mil

Maritime Safety Office Mailing Address:
Maritime Safety Office
MS N64 SFH
National Geospatial-Intelligence Agency
7500 GEOINT Drive
Springfield, VA 22150

NGA Customer Help Desk: The NGA Customer Help Desk is available 24 hours a day, seven days a week, to assist customers with general questions about NGA products and services.

Toll-free: 800-455-0899
Telephone: 314-263-4864
Telefax: 314-263-4875
DSN: 693-4864
DSN Telefax: 693-4875
E-mail: EnterpriseServiceCenter@nga.mil