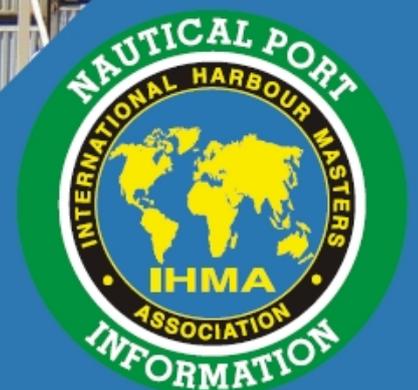


PORT INFORMATION GUIDE

Port of Rotterdam
April 2017



Legal disclaimer

Port of Rotterdam makes every effort to make and maintain the contents of this document as up-to-date, accessible, error-free and complete as possible, but the correctness and completeness of these contents cannot be guaranteed. Port of Rotterdam accepts no liability whatsoever for the occurrence and/or consequences of errors, faults or incompleteness or any other omission in connection with the information provided by this document. In case of any discrepancies or inconsistencies between this document and the applicable legislation, including the port bye-laws, the latter will prevail.

Changes

Version	Rev.	Date	Change	Remarks
2017.1	0	2017-04-20	Initial version	None

CONCEPT

PORT INFORMATION GUIDE

General Information

The port provides facilities for cargo handling, storage, and distribution. The port area also accommodates an extensive industrial complex. Most major carriers include Rotterdam in their services. From this strategically located port, the containers destined for other European countries are then forwarded by feeder services, inland vessels, railway or trucks. The size of the port's industrial area and its position at the gateway of the European inland waterway network makes the port of Rotterdam ideally located for the transshipment of cargo. The port of Rotterdam is well equipped for handling bulk and general cargoes, coal and ores, crude oil, agricultural products, chemicals, containers, cars, fruit, and refrigerated cargoes. Facilities for ship repair, maintenance and storage are available. The port is never closed because of ice. Indeed, even in severe winters when drift ice is present in the river, the traffic of seagoing vessels continues uninterrupted. For more information on the port of Rotterdam, visit the website <https://www.portofrotterdam.com/en>

Developments

No developments at this time.

Location

Latitude: 51.9 decimal degrees

Longitude: 4.3 decimal degrees

Country Code: NL

UN Location Code: NL RTM

Location Description: Rotterdam is situated at the entrance of the Nieuwe Waterweg on 51°54'N, 004°18'E.

Limits description

The nautical supervision of the Port of Rotterdam Authority covers the following areas: • Eurogeul and Maasgeul channels, approach area and anchor areas • Nieuwe Waterweg and Nieuwe Maas up to kilometre mark 991.5 • Oude Maas up to kilometre mark 998 • Dordrecht • Zwijndrecht • Papendrecht • Schiedam • Vlaardingen • Rotterdam

ISPS Level

ISPS Security Level: 1

Qualifying Remarks: N/A

Load line

North Atlantic Winter Seasonal Zone II

Winter November 1 to March 31, Summer April 1 to October 31

Maximum vessel sizes

Maximum length: N/A.

Maximum beam: N/A.

Maximum draught: 22.55 meter.

Maximum air draught: N/A.

Supplementary information: N/A.

Time Zone

Standard Time UTC/GMT: +1 hr

Daylight Saving +/- hrs: +1 hr

DST Start: Night of last Saturday on Sunday in March

DST End: Night of last Saturday on Sunday in October

Local holidays

- Name: New Year's day
- Start Date: 2017-01-01
- Start Time: 00:00:00
- End Date: 2017-01-01
- End Time: 23:59:59

- Name: Good Friday
- Start Date: 2017-04-14
- Start Time: 00:00:00
- End Date: 2017-04-14
- End Time: 23:59:59

- Name: Easter Sunday
- Start Date: 2017-04-16
- Start Time: 00:00:00
- End Date: 2017-04-16
- End Time: 23:59:59

- Name: Easter Monday
- Start Date: 2017-04-17
- Start Time: 00:00:00
- End Date: 2017-04-17
- End Time: 23:59:59

- Name: King's birthday
- Start Date: 2017-04-27
- Start Time: 00:00:00
- End Date: 2017-04-27
- End Time: 23:59:59

- Name: Liberation day
- Start Date: 2017-05-05
- Start Time: 00:00:00
- End Date: 2017-05-05
- End Time: 23:59:59

- Name: Ascension day
- Start Date: 2017-05-25
- Start Time: 00:00:00
- End Date: 2017-05-25
- End Time: 23:59:59

- Name: White Sunday
- Start Date: 2017-06-04
- Start Time: 00:00:00
- End Date: 2017-06-04
- End Time: 23:59:59

- Name: White Monday
- Start Date: 2017-06-05
- Start Time: 00:00:00
- End Date: 2017-06-05
- End Time: 23:59:59

- Name: Christmas Day
- Start Date: 2017-12-25
- Start Time: 00:00:00
- End Date: 2017-12-25
- End Time: 23:59:59

- Name: Boxing Day
- Start Date: 2017-12-26
- Start Time: 00:00:00
- End Date: 2017-12-26
- End Time: 23:59:59

- Name: New Year's Evening
- Start Date: 2017-12-31
- Start Time: 00:00:00
- End Date: 2017-12-31
- End Time: 23:59:59

Working hours

- Working Day: Monday Friday
- Start time: 09:00:00
- End time: 17:00:00
- Remarks: Official office hours Monday - Friday

Cargo

- Cargo Type: Containers
- Weight of Goods: 128 Ton
- Supplementary Information: N/A
- Remarks: <https://www.portofrotterdam.com/en/the-port/port-facts-and-figures/throughput>

- Cargo Type: Dry Bulk
- Weight of Goods: 88 Ton
- Supplementary Information: N/A
- Remarks: <https://www.portofrotterdam.com/en/the-port/port-facts-and-figures/throughput>

- Cargo Type: Roro
- Weight of Goods: 20 Ton
- Supplementary Information: N/A
- Remarks: <https://www.portofrotterdam.com/en/the-port/port-facts-and-figures/throughput>

- Cargo Type: Wet Bulk
- Weight of Goods: 202 Ton
- Supplementary Information: N/A
- Remarks: <https://www.portofrotterdam.com/en/the-port/port-facts-and-figures/throughput>

Charts

- Name: Netherlands, Hoek van Holland to Vlaardingen
 - Identifier: INT1465 NL/BA 207
 - Publisher: UKHO
 - Supplementary Information:
-
- Name: Netherlands, Rotterdam, Nieuwe Maas and Oude Maas
 - Identifier: INT1466 NL/BA 208
 - Publisher: UKHO
 - Supplementary Information:
-
- Name: Nautical Publication 28, Dover Strait Pilot
 - Identifier: NP 28
 - Publisher: UKHO
 - Supplementary Information:
-
- Name: Admiralty List of Radio Signals Vol. 6, Part 1
 - Identifier: NP286
 - Publisher: UKHO
 - Supplementary Information:
-
- Name: The Netherlands Coast Pilot
 - Identifier: HP1
 - Publisher: Hydrographic Office Netherlands
 - Supplementary Information: <https://www.defensie.nl/english/downloads/publications/2014/01/01/download-hp1>
-
- Name: Deep Draught Planning Guide Greenwich buoy to Europoort
 - Identifier: HP8
 - Publisher: Hydrographic Office Netherlands
 - Supplementary Information:
-
- Name: Tidal heights and currents
 - Identifier: HP33
 - Publisher: Hydrographic Office Netherlands
 - Supplementary Information:

Shipping announcements

Can be obtained from
<https://www.portofrotterdam.com/en/shipping/up-to-date-information/shipping-announcements>

Website

<https://www.portofrotterdam.com/en>

CONTACT INFORMATION

General contact information

The Harbour Master's Office is located in the continuously manned Harbour Coordination Center, at harbour number 1247, near the Holland Amerika quay.

Point of contact

- Individual Name: Officer On Duty
- Department name: Harbour Coordination Center
- Role: For operational and maritime questions, messages and reports
- Hours Of Service: 24
- Contact Instructions: N/A
- Voice Number: +31-10-252-1000
- Fax Number: +31-10-252-1600
- VHF Channel: 11, 14, 19 (11 for traffic, 14 for operational matters, 19 for special situations)
- E-mail: hcc@portofrotterdam.com
- Delivery Point: Wilhelminakade 909
- City: Rotterdam
- Administrative Area: N/A
- Postal Code: 3072 AP
- Country: Netherlands

- Individual Name: Officer On Duty
- Department name: Traffic Center City or Traffic Center Hook of Holland
- Role: For all matters related to manoeuvring
- Hours Of Service: 24
- Contact Instructions: N/A
- Voice Number: +31-10-252-2801
- Fax Number: N/A
- VHF Channel: 11
- E-mail: N/A
- Delivery Point: N/A
- City: N/A
- Administrative Area: N/A
- Postal Code: N/A
- Country: Netherlands

Intership Communication

- VHF Usage: Inter ship
- VHF Channel: 77
- Remarks: N/A
- VHF Usage: Inter ship for barges
- VHF Channel: 10
- Remarks: N/A

- VHF Usage: Tugs
 - VHF Channel: 6 or 8
 - Remarks: N/A
-
- VHF Usage: Intra ships for vessels
 - VHF Channel: 15 or 17
 - Remarks: N/A

CONCEPT

WEATHER AND TIDAL INFORMATION

Real time weather and tidal information

For general information regarding traffic, weather, tides, current, sea conditions, fog, ice, etc. the appropriate Traffic Center sector can be contacted via VHF channel 11.

Online hydro meteo information can be found at the website
<https://www.portofrotterdam.com/en/shipping/up-to-date-information/current-water-levels-flow-wind-and-visibility>

When gale force winds are expected (Beaufort 8), weather forecasts are being transmitted at 00.50, 01.50, 02.50, etc. on VHF ch. 19 by the Harbour Coordination Center.

- Phenomena: Wind
- Details: Prevailing winds west to south west, force 4 or 5. Relative frequency of wind forces greater than force 7 Beaufort 2%.
- Location: na

- Phenomena: Tide
- Details: In a period of 24 hours there are 2 high waters and 2 low waters, with different amplitudes. A special phenomenon manifests itself at Hoek van Holland, which has a double low tide with the second low water lower than the first. Strong and sustained winds from the north west raise water levels along the Dutch coast. Strong and sustained winds from the south-east have the opposite effect.
- Location: Hoek van Holland

- Phenomena: Sea
- Details: The wind and tide strongly influence the sea conditions in the approaches to the Maas Entrance. Storm conditions may make entering the harbour hazardous. The main effects are: storm force winds from the north west cause a rough sea with a possible ground swell at the time of Low Water. Wave heights may exceed 6 meters. The best time to enter is from about 2 hours before to 2 hours after High Water, especially about High Water. Reducing speed to let the waves run faster than the vessel is recommended in these circumstances. Storm force winds from the south west cause less severe seas. The best time to enter is 1 to 2 hours after high water, when the strength of the ingoing current will have decreased and the ship will be less likely to swing to starboard when entering. A ground swell can occasionally arise while the ebb current is running. A confused sea can occur when an out flowing current meets a strong westerly wind.
- Location: Hoek van Holland

- Phenomena: Fog
- Details: Frequency of visibility less than 1500 meters is 1,4%. The frequency of visibility less than 500 meters is 0,6%
- Location: Hoek van Holland

- Phenomena: Ice
 - Details: Open at all times
 - Location: Hoek van Holland
-
- Phenomena: Water Density
 - Details: Ranges from 1025 at high water to 1012 at low water
 - Location: Europoort
-
- Phenomena: Water Density
 - Details: Ranges from 1020 at high water to 1000 at low water
 - Location: Botlek
-
- Phenomena: Water Density
 - Details: 1000
 - Location: Waalhaven
-
- Phenomena: Seiches
 - Details: Appear in the Europoort area with extremes near the Rozenburg locks. Under extreme conditions a tidal difference of 0,20 meter can occur. Although seiches are hard to predict, they will be taken into consideration in the daily predictions whenever possible
 - Location: Eurpoort

CONCEPT

REPORTS AND DOCUMENTATION

Pre arrival reports

- Report Category: Harbour Master
- Who: LNG carriers and vessels with a draught of 17.4 meters and more
- What: IMO number, Ship name, Port of destination, ETA, ETD, Total persons on board, PEC particulars if applicable, Particulars (defects, damage), Draught, Name of Pilot, Tug and Linemen service, Number of tugs, Name of Ship agent and contact person, Name and position of berth, Details if a ship has been fumigated with a gaseous fumigant
- To: Harbour Master
- How: www.portbase.com
- When: ETA Berth – 24 hours, at the latest on departure of the previous port if the duration of the journey is less than 24 hours, and when ETA has changed more than 30 minutes
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Harbour Master
- Who: All ships with more than 300 GT
- What: IMO number, Ship name, Port of destination, ETA, ETD, Total persons on board, PEC particulars if applicable, Particulars (defects, damage), Draught, Name of Pilot, Tug and Linemen service, Number of tugs, Name of Ship agent and contact person, Name and position of berth, Details if a ship has been fumigated with a gaseous fumigant
- To: Harbour Master
- How: www.portbase.com
- When: ETA Berth – 24 hours, at the latest on departure of the previous port if the duration of the journey is less than 24 hours, and when ETA has changed more than 30 minutes
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Customs
- Who: All ships with more than 300 GT
- What: IMO number, Ship name, Port of destination, ETA, ETD, Total persons on board
- To: Harbour Master
- How: www.portbase.com
- When: ETA – 24 hours
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Immigration
- Who: All ships with more than 300 GT
- What: IMO number, Ship name, Port of destination, ETA, ETD, IMO FAL 5 and 6
- To: Harbour Master
- How: www.portbase.com
- When: ETA – 24 hours
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Health
- Who: All ships with more than 300 GT
- What: Maritime Declaration Of Health if applicable, passenger ships always
- To: Harbour Master
- How: porthealthauthority@portofrotterdam.com or per fax +31-10-252-1600
- When: ETA – 24 hours
- Remarks: N/A

- Report Category: Dangerous Goods
- Who: All ships with more than 300 GT with dangerous goods on board
- What: IMO FAL 7
- To: Harbour Master
- How: www.portbase.com
- When: as soon as possible after departure previous port
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Waste
- Who: All ships with more than 300 GT
- What: Advance Notification Form for waste delivery to port facilities
- To: Harbour Master
- How: www.portbase.com
- When: ETA – 24 hours
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Security
- Who: All ships with more than 300 GT
- What: Ship Security Pre Arrival Information
- To: Harbour Master
- How: www.portbase.com
- When: ETA – 24 hours or at the time the ship leaves the previous port if the voyage time is less than 24 hours
- Remarks: see <https://www.portbase.com/en/services>

In port reports

- Report Category: Harbour Master
- Who: All ships with more than 300 GT shifting to another berth
- What: Call reference number, Ship name, Call sign, IMO number, Captain's name, PEC particulars if applicable, Particulars (defects, damage), Total number of persons on board, Draught, Name of Pilot, Tug and Linemen service, Number of tugs, Name of Ship agent and contact person, ETD from present berth, Name and position of berth
- To: Harbour Master
- How: www.portbase.com
- When: ETD Berth – 6 hours or ETD Berth – 12 hours if one makes use of pilots or tugs or if it's a vessel with more than 17.40 meter draught or a LNG carrier
- Remarks: see <https://www.portbase.com/en/services>

- Report Category: Vts
 - Who: All seagoing vessels
 - What: Ship name and call sign, Draught, Position, Destination, Any particulars. Pilotage Exemption Certificate holders have additional reporting requirements.
 - To: VTS sector
 - How: VHF
 - When: Passing first Calling In Point of VTS area
 - Remarks: N/A
-
- Report Category: Vts
 - Who: All seagoing vessels
 - What: Ship name, Destination, Any particulars
 - To: VTS sector
 - How: VHF
 - When: When undocking, Before starting a particular manoeuvre, For making passing arrangements, When lowering rafts and boats
 - Remarks: N/A
-
- Report Category: Vts
 - Who: All seagoing vessels
 - What: Ship name and call sign, Draught, Position, Destination, Any particulars. Pilotage Exemption Certificate holders have additional reporting requirements.
 - To: Traffic Center
 - How: VHF
 - When: Before departure or shifting or when one needs any information not directly related to traffic
 - Remarks: N/A
-
- Report Category: Harbour Master
 - Who: All seagoing vessels
 - What: Bunkering, Under water inspections, Spills, Collisions, Groundings, Losing anchors or chain, Anchoring in port, ETD if not reported yet via EDI, Sunk in collision or in any way out of control or in situation that may endanger the safety of shipping
 - To: Harbour Coordination Center
 - How: VHF or telephone
 - When: Before start of operations
 - Remarks: N/A
-
- Report Category: Harbour Master
 - Who: All seagoing vessels
 - What: Tankers loaded with or not cleaned of dangerous goods, wishing not to berth in a Petroleumhaven, Non tankers (seagoing) wishing to enter a Petroleum haven
 - To: Harbour Coordination Center
 - How: E-mail
 - When: Before start of operations
 - Remarks: N/A

- Report Category: Harbour Master
 - Who: All seagoing vessels
 - What: Seagoing vessels with the intention to clean or wash cargo tanks
 - To: Harbour Coordination Center
 - How: www.portbase.com
 - When: Before start of operations
 - Remarks: N/A
-
- Report Category: Terminal Security
 - Who: All seagoing vessels
 - What: Stores over land, Embarking / disembarking passengers and crew
 - To: Port Facility Security Officer
 - How: Ask terminal
 - When: Before start of operations or (dis) embarkation
 - Remarks: N/A

Pre departure reports

- Report Category: Harbour Master
 - Who: All ships with more than 300 GT
 - What: IMO FAL 1
 - To: Harbour Master
 - How: www.portbase.com
 - When: ETD – 6 hours and when ETD has changed more than 30 minutes
 - Remarks: see <https://www.portbase.com/en/services>
-
- Report Category: Harbour Master
 - Who: All ships with more than 300 GT
 - What: Call reference number, Ship name, Call sign, IMO number, Captain's name, PEC particulars if applicable, Particulars (defects, damage), Total number of persons on board, Draught, Name of Pilot, Tug and Linemen service, Number of tugs, Name of Ship agent and contact person, Name and position of berth, ETD from berth
 - To: Harbour Master
 - How: www.portbase.com
 - When: ETD Berth – 6 hours or ETD Berth – 12 hours if one makes use of pilots or tugs or if it's a vessel with more than 17.40 meter draught or a LNG carrier
 - Remarks: see <https://www.portbase.com/en/services>

Documentation Requirements

- Vessel Type: General Cargo
- Document: IOPP, SOPEP, Garbage record book, oil record book, part I, Document of Compliance (in respect to dangerous goods), Dangerous goods manifests and detailed stowage plan arrival and departure, documentation regarding fumigate used to fumigate bulk cargoes

- Vessel Type: Chemical Tanker, Crude Tanker, Lng Tanker, Lpg Tanker
- Document: IOPP, SOPEP, Shipboard marine pollution emergency plan, Garbage record book, Oil record book part I and II, Certificate of Fitness chemical / gas, including product list, Procedures and arrangements manual, Cargo record book, Safety checklist of Port of Rotterdam, Stowage plan arrival and departure, Material safety data sheets, Bill of lading, Shipping document for bulk liquid cargoes

CONCEPT

REGULATIONS AND REQUIREMENTS

Regulations

The rules and regulations in the port contribute to the safe, efficient and environmentally responsible handling of shipping traffic. The international rules of the IMO, such as the SOLAS convention and its amendments (e.g. the IMDG code and IBC) and national regulations, including the recommendations of the European Community, are in force in the port of Rotterdam. Furthermore, the Port Bye-laws are the "house rules" of the port.

Based on the Rotterdam Port Bye-laws, the Port Rules on dangerous substances contain additional, specific regulations for ships carrying dangerous cargoes in the port.

The Shipping Announcements inform you about all activities in the port and amendments to the regulations. An overview of the Shipping Announcements can be found on <https://www.portofrotterdam.com/en/shipping/up-to-date-information/shipping-announcements>.

Applicable regulations

- Shipping Traffic Act
- Inland Navigation Police Regulations (BPR)
- Shipping Regulations for Territorial Waters (STZ)
- Compulsory Pilotage Decree 1995
- Decree on Pilot Exemption Certificate Holders Shipping Traffic Act
- Regulation for Licensed (Maritime) Pilots
- Regulation for the Prevention of Pollution from Ships
- Regulation on the Transportation of Dangerous Substances, 2007
- Port Bye-laws Rotterdam 2004 – updated for 2007
- Port Bye-laws Schiedam and Vlaardingen
- Regulation for Communication and Pilot requests sea shipping
- Port Security Law (ISPS)

Exemptions

The Harbour Master can grant exemptions from specific regulations. Permission can also be granted for special activities such as repairs and cleaning - contact the Harbour Coordination Center. Forms can be downloaded from www.portofrotterdam.com/en/Shipping/contact-support/Pages/forms-checklists.aspx

PORT SAFETY

Emergency coordination centre

Harbour Coordination Center - see point of contacts.

Emergency response equipment

- Emergency coordination centre: Harbour Coordination Center
- Equipment Type: Patrol Vessels
- Equipment Availability: 8 patrol vessels, equipped with oil absorbing booms (up to 100 meters per vessel) , firefighting equipment (up to 1 x 2700 m³/hr and 2 x 600 m³/hr with foam per vessel)

- Emergency coordination centre: Harbour Coordination Center
- Equipment Type: Fire Fighting
- Equipment Availability: Special shore connections to connect patrol boats so they can provide extra pressure on the shore fire line

- Emergency coordination centre: Harbour Coordination Center
- Equipment Type: Oil Spill Response
- Equipment Availability: Containers with 300 meter boom inside are strategically positioned in the port area. In total there is 4500 meter of boom available. The booms are deployed by the royal boatmen association Eendracht. There are 3 to 5 special designed vessels stand by to recover the oil.

Emergency procedures

- Emergency coordination centre: Harbour Coordination Center
- Emergency Type: Grounding
- Emergency Procedure: Contact Harbour Coordination Center

- Emergency coordination centre: Harbour Coordination Center
- Emergency Type: Fire
- Emergency Procedure: Go inside and stay there until further notice. Close all windows and doors. Close all air inlets and outlets. Shut down the air conditioning. Try to select accommodation that is central, out of the wind, as high as possible, but without ventilation. Keep wet cloths ready to cover your nose and mouth if necessary. Do not smoke and avoid exertion so as to limit the use of oxygen. Render help to others and offer shelter. Extinguish open fires and boilers, including pilot lights. Inform other people. When a ship is underway, maintain a listening watch via the appropriate VTS sector channel.

- Emergency coordination centre: Harbour Coordination Center
- Emergency Type: Personal Injury
- Emergency Procedure: Contact Harbour Coordination Center

- Emergency coordination centre: Harbour Coordination Center
- Emergency Type: Marine Pollution
- Emergency Procedure: Contact Harbour Coordination Center

- Emergency coordination centre: Harbour Coordination Center
- Emergency Type: Collision
- Emergency Procedure: Contact Harbour Coordination Center

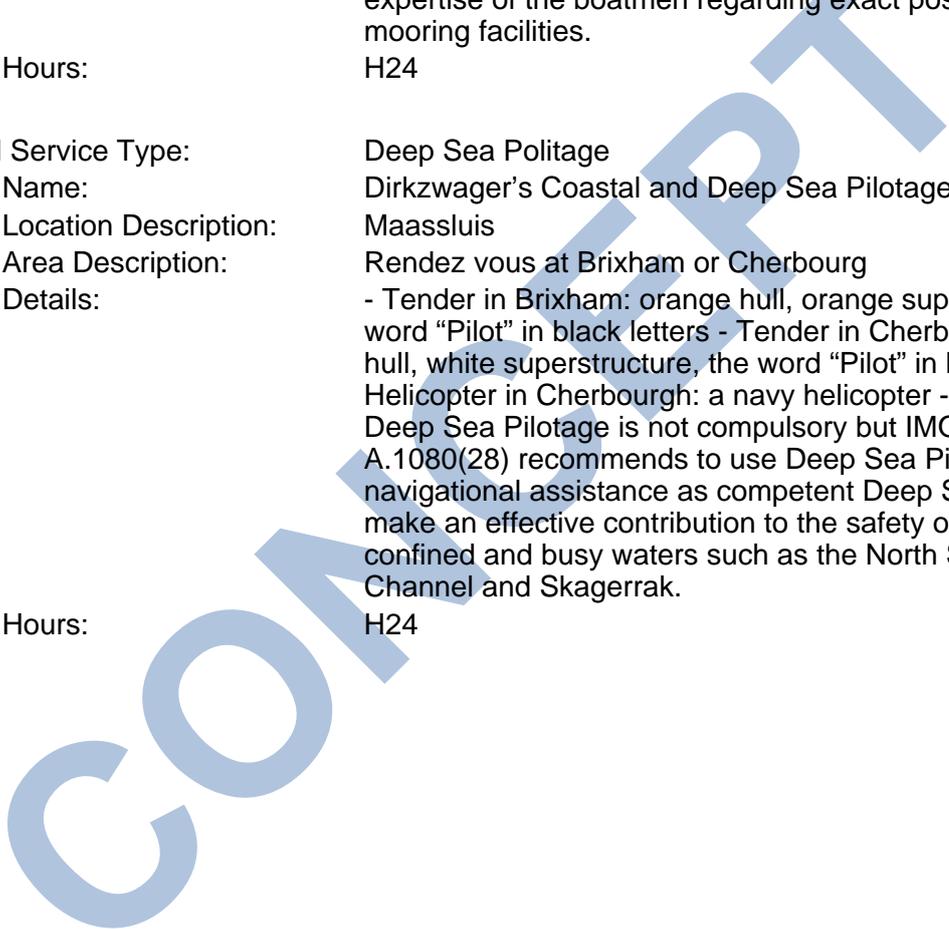
CONCEPT

NAUTICAL SERVICES

- Nautical Service Type: Vts
 - Service Name: Rotterdam VTS
 - Service Location Description: Traffic Center Hoek van Holland and Rotterdam
 - Service Area Description: Extending 38 nautical miles seawards of the port entrance to 2 nautical miles east of the Van Brienoord Bridge and 4 nautical miles east of the Spijkenisse Bridge across the Oude Maas river, including all adjacent harbour basins
 - Service Details: The language to be used in sectors Maas Approach, Pilot Maas, Maas Entrance is English, secondary Dutch. All other sectors Dutch, secondary English. For sector channels see <https://www.portofrotterdam.com/en/shipping/sea-shipping>
 - Service Hours: H24
-
- Nautical Service Type: Pilotage
 - Service Name: Regional Pilot Corporation Rotterdam-Rijnmond
 - Service Location Description: Hoek van Holland
 - Service Area Description: Rotterdam, Vlaardingen, Schiedam, Maassluis, Dordrecht, Moerdijk
 - Service Details:
 - Pilot cutter: black vessel with yellow stripes and white superstructure with the word "pilot" in white letters
 - Small tender: yellow open tender surrounded by a black fender
 - Large tender: yellow tender with a white superstructure with the word "pilot" in black letters
 - Helicopter: yellow helicopter, is sometimes replaced by a white one with red stripes
 - Service Hours: H24
-
- Nautical Service Type: Tugs
 - Service Name: Fairplay, KotugSmit, Svitzer
 - Service Location Description: Throughout the Port of Rotterdam
 - Service Area Description: Throughout the Port of Rotterdam
 - Service Details:
 - Conventional, ASD and Tractor tugs, ranging from 28 to 90 Tons Bollard Pull are available. All the tugs are equipped with proper rubber fenders on the bow and stern. The normal way of towing is by a line from the tug.
 - Keep stand by an extra heaving lie in case the first attempt fails. The tugboat crew will connect a messenger line to the heaving line. The messenger line can be put on the gypsy head to heave in the towing line.
 - Service Hours: H24
-
- Nautical Service Type: Shore Based Pilotage
 - Service Name: Regional Pilot Corporation Rotterdam - Rijnmond
 - Service Location Description: Hoek van Holland
 - Service Area Description: Between pilot station Maas Center and off Hoek van Holland Traffic Center
 - Service Details:
 - Advises will be provided by a pilot via VTS sector channel.
 - Vessels destined for Calandkanaal / Beerkanaal will get the pilot by large tender close to buoy Maas 5, pilot ladder on starboard side
 - Vessels destined for Nieuwe Waterweg will get the pilot by large tender, close to buoy NW7, pilot ladder on starboard side
 - Service Hours: When applicable H24

- Nautical Service Type: Boatmen
- Service Name: Royal Boatmen Association Eendracht, KRVE
- Service Location Description: Heijplaat
- Service Area Description: Throughout the Port of Rotterdam
- Service Details:
 - Mooring boats: robust, powered by engines up to 200 hp. They are equipped with direct radio communication with the pilot and fitted with watertight compartments. Ropes are secured with a special hydraulic clamp to secure the mooring line for extra safety.
 - Winch cars: fitted with a hydraulic winch with a SWL of 1,2 Tons and spot lights for berthing at night time. These winch cars can also assist with bringing the ship's gangway in position.
 - Shore moorings: an extra line paid out to the vessel and tensioned ashore with a hydraulic device. Tension can be set up to 60 Tons, depending on the SWL of the bollards on deck and ashore.
 - Optimoor study: for a detailed study one can contact the KRVE for an Optimoor analysis of the mooring arrangements, including the local expertise of the boatmen regarding exact positions of mooring facilities.
- Service Hours: H24

- Nautical Service Type: Deep Sea Politage
- Service Name: Dirkzwager's Coastal and Deep Sea Pilotage
- Service Location Description: Maassluis
- Service Area Description: Rendez vous at Brixham or Cherbourg
- Service Details:
 - Tender in Brixham: orange hull, orange superstructure, the word "Pilot" in black letters
 - Tender in Cherbourg: black hull, white superstructure, the word "Pilot" in black letters
 - Helicopter in Cherbourg: a navy helicopter
 - The use of Deep Sea Pilotage is not compulsory but IMO resolution A.1080(28) recommends to use Deep Sea Pilotage for navigational assistance as competent Deep Sea Pilots can make an effective contribution to the safety of navigation in confined and busy waters such as the North Sea, the English Channel and Skagerrak.
- Service Hours: H24



VESSEL SERVICES

- Vessel Service Type: Seamans Missions
- Service Name: Rotterdam Port Welfare
- Service Hours: N/A
- Service Details: See <http://www.rotterdam.portwelfare.com>

- Vessel Service Type: General
- Service Name: Bunkers / Provisions / Water / Lubrication oil / Waste / Repairs / Underwater cleaning / Compass corrections / Medical care / etc.

- Service Hours: N/A
- Service Details: Contact for details your ship agent.

CONCEPT