

# COGJO8

## Pre-arrival of ship in jetty operations



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### Overview

You will be involved in activities such as:

- 1 Obtain pre-arrival information from ship
- 2 Ensure availability of equipment, services and personnel for berthing/ un-berthing operations

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

#### **Previous Version:**

Liquid Transfer & Storage National Occupational Standards – July 2005

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### Performance criteria

- You must be able to:*
- P1 establish estimated arrival and departure times of incoming ship
  - P2 ensure that incoming ship is aware of the site's preferred method of berthing
  - P3 use the correct method of communication to obtain all relevant information
  - P4 gather all of the relevant information concerning the incoming ship
  - P5 check that the information is correct
  - P6 record the information using the appropriate documentation
  - P7 deal promptly and effectively with problems that are your responsibility, and report those that you cannot solve and/or are not your responsibility to the relevant person
  - P8 communicate all relevant information to the appropriate people
  - P9 work safely in accordance with operational and environmental requirements
  - P10 identify the equipment, services and personnel that will be required for berthing/ un-berthing operations
  - P11 check that the equipment, services and personnel will be available for berthing/ un-berthing operations
  - P12 inspect equipment according to standard operating procedures

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### Knowledge and understanding

*You need to know and understand:*

- K1 why it is important to gather accurate information
- K2 the relevant information to gather
- K3 the different types of ships that may use the terminal
- K4 why it is important to verify that the pilot will be available for inward/outward passage
- K5 the consequences of using incorrect or incomplete information
- K6 the terminal's criteria concerning times, tides and weather conditions.
- K7 the different types of ships that may use the terminal
- K8 how to liaise with the pilot both within and outside of normal operating times
- K9 risks and hazards associated with using incorrect information
- K10 how to identify berthing/un-berthing requirements
- K11 how to check availability of equipment, services and relevant others
- K12 the inspection methods to use according to standard operating procedure
- K13 how to inspect equipment prior to berthing/un-berthing operations
- K14 why it is important to obtain the correct information

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### Additional Information

#### Scope/range related to performance criteria

- 1 Gather all relevant information to include:
  - 1.1 deadweight/displacement
  - 1.2 length overall
  - 1.3 air draft and beam
  - 1.4 distance between bow and centre manifolds
  - 1.5 present draught, maximum draught
  - 1.6 manifold heights above waterline throughout operation
  
- 2 Liaise with incoming pilot concerning the Terminal's criteria on all of the following:
  - 2.1 times
  - 2.2 tides
  - 2.3 currents
  - 2.4 weather conditions
  - 2.5 preferred berthing method
  - 2.6 manifold heights above waterline throughout operation
  
- 3 Liaise with pilot age authority both within and outside normal pilot operating times
  
- 4 Identify berthing/un-berthing requirements to include all of the following:
  - 4.1 tugs
  - 4.2 mooring boats
  - 4.3 manpower
  - 4.4 mooring equipment
  - 4.5 services/power
  
- 5 Inspect, according to procedures, all of the following berthing/un-berthing equipment:
  - 5.1 dolphins
  - 5.2 winches
  - 5.3 capstans
  - 5.4 mooring hooks
  - 5.5 shore mooring lines

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## Pre-arrival of ship in jetty operations

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**Developed by** Cogent

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**Version number** 1

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**Date approved** January 2010

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**Indicative review date** January 2012

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**Validity** Current

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**Status** Original

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**Originating organisation** Cogent

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**Original URN** JO8

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**Relevant occupations** Professional Occupations; Engineering Professionals; Engineering and manufacturing technology; Engineering

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**Suite** Jetty Operations

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**Key words** pre-arrival, ship, jetty, operations, information, berthing, un-berthing, equipment, services