
Overview

This standard covers the competence required to plan for and manage port marine emergencies and periods of disruption.

It includes determining potential navigational and non-navigational emergencies; the preparation, exercising and operation of a port emergency response plan; discharging responsibilities under civil contingencies legislation; contributing to business continuity; responding to a marine pollution incident.

The role requires the interpretation and application of, and compliance with, relevant international and national regulations; local legislation, codes of practice, standards, frameworks and industry guidance.

Target Group

This standard applies to individuals who have a duty to facilitate the safe and efficient use of the harbour. Typically, this will be the Harbour Master or Authorised Deputies with delegated powers.

Note that in this NOS, unless otherwise specified, the term port may also mean harbour. However, the term harbour does not necessarily mean port.

Performance criteria

You must be able to:

1. assess the types and potential consequences of navigational and non-navigational port emergencies:
 1. based on assessment of port hazards, risks and controls
 2. in consultation with stakeholders
2. develop an integrated Response Plan for port emergencies and circulate it to appropriate stakeholders
3. resource the port emergency Response Plan including equipment:
 1. purchase/replacement
 2. inspection
 3. maintenance and repair
4. exercise the port emergency Response Plan
5. review the port emergency Response Plan:
 1. periodically
 2. in light of new information
6. implement the response plan in the event of a port emergency
7. contribute to the development of an effective port Business Continuity Plan
8. determine the types and potential consequences of port pollution incident:
 1. based on assessment of port hazards, risks and controls
 2. in consultation with stakeholders
9. develop a port counter-pollution plan to minimise navigational, environmental, commercial, and reputational impact and circulate it to affected stakeholders
10. resource the port counter-pollution plan including equipment:
 1. purchase/replacement
 2. inspection
 3. maintenance and repair
11. exercise the port counter-pollution plan
12. review the port counter-pollution plan:

-
1. periodically
 2. in light of new information
 13. manage a pollution incident, minimising navigational, environmental, commercial, and reputational impact
 14. respond to third party enquiries concerning emergencies or pollution incidents

Knowledge and understanding

You need to know and understand:

1. international and national regulations; local legislation, codes of practice, standards, frameworks and industry guidance
2. the extent and features of the physical environment for which the harbour master has responsibility and authority
3. the port marine operations and activities typically undertaken in the physical environment for which the Harbour Master has responsibility and authority and/or which might impact on the safe and efficient use of the harbour
4. current port marine regulations, guidance and codes relating to emergencies and pollution incidents
5. potential port emergency and pollution incident:
 1. types
 2. severity categories
 3. likely consequences
6. the types of port emergency or pollution incident control measures and their respective benefits/constraints
7. how to assess the emergency/incident mitigation effects of control measures
8. who the appropriate port emergency and pollution incident stakeholders are
9. the powers and working practices of statutory and other organisations that may be concerned with responding to a port emergency or pollution incident
10. the nature of the interaction between the port and statutory or other organisations, including the extent of the port's obligation to cooperate on emergencies or pollution incidents
11. how to develop effective relationships with statutory and other organisations that might be involved in an emergency or pollution incident
12. how to design and run a response plan exercise
13. how to manage media enquiries in the event of an incident
14. Principles of business continuity planning and:
 1. which core operations, services and resources need to be sustained
 2. national business continuity guidance
 3. how to discharge responsibilities under civil contingencies legislation

Developed by	Port Skills & Safety
Version Number	3
Date Approved	30 Jul 2020
Indicative Review Date	31 Jul 2025
Validity	Current
Status	Original
Originating Organisation	Port Skills and Safety
Original URN	PSS HM112
Relevant Occupations	Harbour Masters, Harbour Masters and those with delegated Harbour Master powers
Suite	Harbour Masters
Keywords	safe and efficient use of the harbour, harbour, marine, port, harbour master, deputy harbour master, port marine emergency, marine emergency, navigation emergency response, civil contingency, business continuity, pollution, assistant harbour master