

Forth Ports Limited-Port Marine Safety Code

Marine Safety Plan 2020 -2023

Introduction

As required by the Port Marine Safety Code (PMSC) section 3.20 Forth Ports publish a Marine Safety Plan every three years. The plan details how Forth Ports conducts marine operations on both the Forth and the Tay.

In addition Forth Ports publish an annual PMSC review which provides statistical information and an overview of performance.

In order to conduct marine operations in a safe and effective manner Forth Ports publish policies, plans, procedures and guidance documentation in support of statutory powers. All such documents are based on a formal risk assessment process to ensure that all risks are either eliminated or reduced to as low as reasonably practicable (ALARP).

Full details of all the policies and procedures together with the full safety management system (SMS) can be found in the marine section at www.forthports.co.uk

1. Marine Procedures and Guidelines

Procedures and guidance documentation for all marine navigation and operations on both the Forth and the Tay are produced following consultation by the Forth Ports Marine Management Team. All such documentation is reviewed regularly and following any changes to operations or following post incident investigation.

2. Marine Policies

Forth Ports have produced marine policies in support of the management of marine operations. The overarching Policy Statement on Navigational Safety is approved and signed by the Chief Executive Officer of Forth Ports on behalf of the Board as Duty Holder.

In addition Forth Ports publish:

Policy Statement on Enforcement
Policy on Marine Environment and Sustainability

All policies are reviewed on a regular basis.

3. The Management of Marine Operations

All marine operations are managed by the Marine Management Team and this Marine Safety Plan commits Forth Ports, within the boundaries of its powers and authority, to properly manage and regulate marine operations on the Forth and Tay. The scope of this management is to ensure safe navigation for all river users and to protect the river environment.

FORTH PORTS LIMITED	Document ID FP PMSC Plan 01_01	Authorised By CHM	Original Date February 2016
Marine Safety Plan	Date Revised February 2020	Revised By CHM	Review Due February 2023

Safety is paramount and in managing marine navigation and marine operations Forth Ports will always put the safety of life and vessels first. In order to maintain these high safety standards it may be necessary to delay vessel movements or activities on the rivers which may at times inconvenience river user. Such delays will always be kept to a minimum, however safety will always take precedence.

4. Marine Management

To ensure effective functions are in place to maintain the marine SMS the Forth Ports Marine Management Team undertake a number of activities to ensure that continual compliance with the PMSC, our statutory obligations are met and all risks are ALARP:

- Monthly management review of the SMS including document/procedure review schedule, incident reporting, training and progress on tasks/projects.
- Weekly informal marine management team meeting.
- Comprehensive marine reporting and investigating system.
- Detailed marine/navigation risk assessments
- Regular PMSC liaison meetings with stakeholders including terminal operators, agents, tugs, boatmen and pilots.
- Regular pilot meetings.
- Internal audit programme.
- Annual external independent PMSC audit.
- Emergency response plans and procedures with regular response exercises and training.
- Recruitment of trained, experienced and competent personnel with continual professional development.

5. Management Targets

Permanent Targets

	Activity	Target
1.	Vessel Traffic Service	Maintain an effective VTS in accordance with UK National, IALA and IMO standards. Ensure infrastructure is properly maintained and upgrade to ensure continued operation.
2.	Navigational and Marine Incidents	Through reporting, investigation and analysis ensure all risk assessments, procedures and guidelines are appropriate to prevent any major navigation or pollution incident.
3.	Provide trained and qualified pilots to ensure an effective 24/7 pilotage service.	24/7 pilotage services maintained (subject to weather) without any serious or very serious incidents.
4.	Conservancy and Hydrographic Service	Ensure survey programme is maintained and survey charts are published and relevant data sent to UKHO within 8 weeks of survey. Through appropriate maintenance and response ensure ATON availability meets NLB targets.
5.	Liaison and Consultation with river users	Routine PMSC meetings held with stakeholders at least 3 times a year.

FORTH PORTS LIMITED	Document ID FP PMSC Plan 01_01	Authorised By CHM	Original Date February 2016
Marine Safety Plan	Date Revised February 2020	Revised By CHM	Review Due February 2023

All permanent targets have been met for the period and have been verified by annual PMSC inspections.

Temporary Targets from last plan

	Activity	Target
1.	New Road Bridge Construction	Continued planning to ensure safe construction of the bridge without disruption to river traffic.
2.	Installation of new VTS software	Install , train operators and commission new VTS software – November 2016
3.	Amalgamate Leith, Grangemouth and Clearwater oil spill response plans	Obtain statutory approval for amalgamated oil spill response plan – June 2016
4.	Multi beam survey equipment	Present justification, cost analysis, procurement strategy for multi beam survey equipment, together with installation and training programme – December 2016
5.	INEOS ethane vessel	Simulate and developed procedures for new ethane Dragon Class vessels for Grangemouth – July 2016
6.	Hydrographic Survey Data Management System	Investigate and develop procurement strategy for an appropriate data management system (GIS) for Conservancy and Hydrographic data requirements - 2018

All of the above targets have been met and are now closed out.

Temporary targets 2020-2023

	Activity	Target
1.	Integrate PMSC Risk Assessments and procedures at a Group Level	PMSC systems is the same style and any common activities are consistent in all Forth Ports locations north and south of the border-Q4 2020
2.	Introduce PPU's into Pilotage	Portable Pilot Units (PPU's) are purchased, and in conjunction with the Pilots their purpose and scope determined along with operating procedures on the Forth and Tay-Q4 2020
3.	Review Port Byelaws and General directions	Carry out a full review of Byelaws and General directions- Q4 2021
4.	Following review, introduce new byelaws to reflect the changing marine environment	Introduction of new byelaws reflecting changes in environmental practice, autonomous shipping and reflect marine traffic expected in the coming years and decades-Q1 2023
5.	Decarbonisation process	Review and modify operations to take account of the need to reduce carbon output by changing methods of working and embracing new technology-Q1 2023

FORTH PORTS LIMITED	Document ID FP PMSC Plan 01_01	Authorised By CHM	Original Date February 2016
Marine Safety Plan	Date Revised February 2020	Revised By CHM	Review Due February 2023