



PORTS OF  
**TILBURY**  
AND  
**TILBURY2**  
LONDON

# Marine Safety Plan 2020 - 2023



Marine Department  
Port of Tilbury London Limited  
June 2020

# Marine Safety Plan 2020 - 2023

## **Introduction**

As required by the Port Marine Safety Code (PMSC) a safety plan showing how the standards in the Code will be met and produce a report assessing performance against the plan at least every 3 years.

The plan details how the POTLL conducts marine operations.

In addition the POTLL 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 the POTLL 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 at <https://www.forthports.co.uk/marine/tilbury-port-authority/>

## **1. Marine Procedures and Guidelines**

Procedures and guidance documentation for all marine navigation and operations both within the enclosed impounded docks and river berths operated by the POTLL following consultation by the POTLL Marine Team. All such documentation is reviewed regularly and following any changes to operations or following post incident investigation.

## **2. Marine Policies**

The POTLL have produced marine policies in support of the management of marine operations. The overarching Marine Safety Management System Manual is approved and signed by the Asset & Site Director for Forth Ports on behalf of the Board as Duty Holder.

## **3. The Management of Marine Operations**

All marine operations are managed by the POTLL Marine Team and this Marine Safety Plan commits the POTLL, within the boundaries of its powers and authority, to properly manage and regulate marine operations at the Port of Tilbury Authority and Port of Tilbury2 Authority as well as river berths operated by the POTLL in the jurisdiction of the Port of London. The scope of this management is to ensure safe navigation for all Port users and to protect the environment.

Safety is paramount and in managing marine navigation and marine operations POTLL will always put the safety of life and vessels first. In order to maintain high safety standards it may be necessary to delay vessel movements or activities at POTLL which may at times be an inconvenience to users. Such delays will always be

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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 Port of Tilbury Marine 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.
- Monthly informal meeting and walkabout by the Port of Tilbury Marine Team.
- Comprehensive marine reporting and investigating system of incidents.
- Detailed marine/navigation risk assessments in conjunction with PLA when applicable.
- Regular PMSC liaison meetings with stakeholders including asset managers, agents, tugs, boatmen and pilots. (groups such as PLA River Users, TEP, LRUS and MNWB)
- Regular meetings with the PLA Lower District Harbour Masters.
- Annual external independent PMSC audit, with reporting direct to the “Board”.
- Emergency response plans and procedures with regular response exercises and training.
- Recruitment of suitably experienced and competent personnel with continual professional development where applicable.

## 5. Management Targets

### Permanent Targets

	<b>Activity</b>	<b>Target</b>
1.	Tilbury Lock Operation – Shipping Movements	Maintain an effective operation of lock movements for all vessels entering and exiting the enclosed dock. Ensure infrastructure is properly maintained.
2.	Tilbury - Provide qualified lock operatives to ensure an effective 24/7 hour lock operation.	24/7 lock operation maintained (subject to weather) without any serious or very serious incidents.
3.	Tilbury 2 - Mooring on	Ensure that suitably qualified persons are available to berth and depart vessels.
4.	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.
5.	Tilbury -Safe Manoeuvring within the enclosed dock	Suitably experienced Berthing Advisors who are monitored to ensure compliance with Port procedures. Permit holders to be assessed on application of their knowledge and experience before being authorised a permit to manoeuvre.
6.	Conservancy and Hydrographic Service	Bed-levelling programme is maintained to ensure ruling depths within the enclosed dock are provided. Ensure that PLA river berths and Tilbury 2 are dredged to ensure safe navigation to the berth.

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7.	Consultation Groups	Routine meetings held with the Port of London Authority, TEP, LRUS and MNWB.
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### Temporary Targets

	<b>Activity</b>	<b>Target</b>
1.	Tilbury - Lock gate renewal EA Gates	Initiate, plan, execute, monitor and control the renewal of all six lock gates with minimum disruption to port traffic whenever possible.  Notice to mariners to be given at the start of this project and again before any closures.  Ensure marine safety is maintained throughout, regular meetings with site foreman.
2.	Tilbury2	Assist in the planning and implementation process for marine related developments at the proposed Tilbury2 site.
3.	Tilbury2	Ensure Dredge licences are applied for from the PLA and MMO, and surveys kept current to maintain safe access to berths.
4	Tilbury2	MOU to be proceed to clarify where POTLL and PLA responsibilities lie.

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