

Syllabus for SAMM Overview

Course Content

This course provides an overview of MSC Shipboard Automated Maintenance Management System (SAMM), Port Engineering System (PENG), Logbook, and Shipslog and their associated benefits for MSC. This course is not intended to explore performing functions in SAMM, PENG, Logbook, and Shipslog. Students interested in such matters should refer to the SAMM Afloat and Ashore QRG Manuals and/or attend other training courses that cover SAMM, PENG, Logbook, and Shipslog.

Target Audience

The target audience for this course is N7 personnel that need a basic understanding of how SAMM supports MSC maintenance planning and management policies and procedures. This course is also appropriate for other MSC personnel interested in understanding SAMM functions and benefits.

Pre-Requisites

There are no prerequisites for this course.

Administration

The class size is limited to 40 students, and enrollment is on a first come, first served basis. You can self-register for this course online at <http://mscn7training.com>. Successful completion of this course requires 100% attendance.

Schedule

This course is four hours in duration.

Topic Descriptions:

The topics covered in this course include:

SAMM Overview – This topic is intended to promote awareness of the purpose for SAMM, how to access SAMM, how SAMM integrates MSC maintenance and repair and logistics policy, how SAMM integrates MSC types of maintenance and repair data and associated reports available in SAMM.

Afloat Engineering – This topic is intended to promote awareness of the manner in which SAMM supports afloat engineering functions.

Ashore Engineering – This topic is intended to promote awareness of in which SAMM supports ashore engineering functions.

Ship Inspection and Auditing – This topic is intended to promote awareness of the manner in which SAMM supports American Bureau of Shipping (ABS) surveys, U.S. Coast Guard inspections, MSC's Ship Inspection Program (SIP), MSC Safety Notices, MSC Safety Management System (SMS) deficiencies, MSC Quality Management System (QMS) deficiencies

Ship Engineering Analysis Systems (SEAS) – This topic is intended to promote awareness of the manner in which SAMM supports MSC's condition monitoring programs.

Planned Maintenance and Workbook – This topic is intended to promote awareness of the manner in which SAMM supports planning and managing MSC's planned maintenance activities afloat and ashore.

Corrective Maintenance – This topic is intended to promote awareness of the manner in which SAMM supports planning and managing MSC's corrective maintenance activities afloat and ashore.

TRANSALTs – This topic is intended to promote awareness of the manner in which SAMM supports proper vetting, approving, funding, scheduling, and execution of MSC's TRANSALT program afloat and ashore.

Machinery History – This topic is intended to promote awareness of the manner in which SAMM supports maintaining a comprehensive record of all planned maintenance, condition monitoring, corrective maintenance, and alterations afloat and ashore.

Availability Planning – This topic is intended to promote awareness of the manner in which SAMM supports planning MSC maintenance availabilities (i.e., VR period, MTA, and ROH).

Availability Execution – This topic is intended to promote awareness of the manner in which SAMM supports executing MSC maintenance availabilities (i.e., VR period, MTA, and ROH) , including maintaining required contractual documentation.

SAMM Feedback – This topic is intended to promote awareness of MSC's prescribed method for making changes to SAMM maintenance tasks, as well as MSC's Maintenance Effectiveness Review (MER) process.

Virtual Technical Library – This topic is intended to promote awareness of the manner in which SAMM supports MSC's centralized repository of technical documentation (e.g., technical manuals, drawings, general references, and engineering service bulletins) for the MSC fleet.

Logkeeping – This topic is intended to promote awareness of MSC’s Logbook and Shipslog programs for maintaining shipboard electronic logbooks that document ship management, operations, navigation, drills, ship conditions, significant events, incidents, etc.

Task Manager – This topic is intended to promote awareness of the manner in which SAMP supports N7’s business process for requesting and tracking the status of engineering support services.

Certificate Manager - This topic is intended to promote awareness of the manner in which SAMP will support managing the various certifications associated with MSC vessels.

SMS Document Library – This topic is intended to promote awareness of the manner in which SAMP supports afloat access to the most current versions of SMS documentation (e.g., SMS policy, SMS procedures, checklists, and forms).

SAMP Artifacts – This topic is intended to promote awareness of current ways in which SAMP, PENG, Logbook, and Shipslog data is being leveraged by MSC management to support performance management and reporting.

Quick Reference Guides (QRGs) - This topic is intended to promote awareness of the availability QRGs as tool for performing functions in SAMP and PENG.

SAMP and PENG Data Usage – This topic is intended to promote awareness of how the data and reports available in SAMP and PENG are being leveraged by N7 to assess the effectiveness and efficiency of MSC engineering and maintenance programs, identify opportunities for improving engineering or maintenance planning and management policies and procedures, and identify and share maintenance lessons learned across the fleet.

| | Version | Description | Author |
|---------|----------------|---|---------------|
| 6/2/22 | 0.0 | Initial draft | Gary Fields |
| 6/17/22 | 0.1 | Added SAMP and PENG Data Usage to list of topics. | Gary Fields |