

Syllabus for CMEO Ashore Part II - PENG Execution

Course Content

This course introduces participants to the MSC Port Engineering Management System (PENG) used for managing maintenance availabilities. This course consists of the following modules:

- Completions (T-ALT, PMIA, VRR)
- PENG Session 1
- PENG Session 2
- PENG Session 3
- Port Engineer Vessel Inspection (PEVI)
- Working Groups

Target Audience

The target audience for this course is MSC ashore personnel (e.g., Principal Port Engineer, Assistant Port Engineer, Ashore Analysts, & N10 personnel) who have not taken this course within the past 5 years and need to refresh their proficiency in PENG. This course is also appropriate for new-hire N7 personnel who need to attain proficiency in PENG. Participants should be familiar with the MSC maintenance and repair policies discussed in the prerequisite N7 Engineering Academy courses outlined below prior to completing this course.

Pre-Requisites

Completion of:

- Introduction to Military Sealift Command course
- MSC Regulatory Standards, Inspections, Maintenance Availability Overview, and Engineering Budgets course
- Government Contracting, RCA, RCM, and ENCON course
- MSC Work Item Writing Fundamentals course
- MSC Work Item Estimating Fundamentals course
- Maintenance Availability Planning and Management, Drydocking, and Logistics
- CMEO Ashore Part I – SAMM - Planning

Administration

The class size is limited to 18 participants, 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, as well as passing an assessment to prove competence in the following modules:

- Port Engineer Vessel Inspection (PEVI)
- PENG

- Completions (TALT, PMIA, and VRR)
- SAMM Availabilities

Schedule

This course is conducted over a period of two consecutive days. Classes begin at 8:00 AM and end at 4:30 PM each day. The schedule for the course modules is as follows:

	Day One	Day Two
Time	Module	Module
08:00-08:30	Course Introduction	PENG Session 3
08:30-09:30	Port Engineer Vessel Inspection (PEVI)	
09:30-10:00	PENG Session 1	
10:00-11:00		Completions (T-ALT, PMIA, VRR)
11:00-12:00		
12:00 - 1:00	Lunch	Lunch
1:00-1:30	PENG Session 1 (cont.)	Working Groups
1:30- 2:00	PENG Session 2	
2:00-3:00		
3:00-4:00		Assessment
4:00-4:30		

Module Descriptions:

Completions (T-ALT, PMIA, VRR): This module provides instruction on how to filter to source items scheduled for current/past availabilities and mark them for completion.

PENG Sessions 1, 2 & 3: These modules cover the processes and documentation of work package execution in the PENG application. Modules include Contracts, Work Items, Line Items, Condition Found Reports, Contract Change Orders, Progress, Situation Reports, Deficiency Reports, PE Notebook, and Other Reports. Hands-on instruction is provided on how to take a work package built in SAMM and document the financial and physical execution through to completion.

Port Engineer Vessel Inspection (PEVI): This module covers Vessel Self Assessments and Port Engineer Vessel Inspection requirements, including

inspection scheduling and processes, and the roles/responsibilities of those involved.

Working Groups: This module provides additional hands-on exercises, covering all aspects of the previous modules. This time also allows for one-on-one course material review prior to any required reassessments.

Date	Version	Description	Author
6/3/19	0.0	Initial draft	Kevin Sorbello
10/8/19	0.1	Revised syllabus to reflect generic format and content	Gary Fields
3/31/22	0.2	Revised schedule to add an introductory module. Change "SAMM" to "PENG" in section on target audience.	David Leyh