

# CMEO Ashore: PENG (N7EA Adv 3)

## 1. Course Content

The following modules comprise the MSC CMEO Ashore PENG (Execution)

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

## 2. Pre-Requisites

This course is designed for MSC Ashore personnel (e.g. Port Engineer, Assistant Port Engineer, Ashore Analysts, & N10 Contracting personnel) who have a need for a basic understanding of the PENG program and have not completed the MSC Port Engineer Academy Basic I & II curriculum or taken this course within the last 5 years. Users should already be familiar with MSC policies and practices as this lesson assumes a basic level of understanding.

## 3. Administration

Course registration is online at <http://mscn7training.com>. The course is required every 5 years for all N7 engineers. Completion of the course requires 100% attendance as well as passing an assessment to prove competence in the following SAMM Modules:

- Port Engineer Vessel Inspection
- PENG
- Completions (TALT, PMIA, and VRR)
- SAMM Availabilities

## 4. Schedule

The modules are conducted over a period of 2 days, starting at 8:00 on Wednesday and ending at 5:00 on Thursday. The maximum course size is 18 students on a first come first served basis. The courses are taught by Emprise, MSC, and Contract personnel.

The schedule is as follows:

<b>CMEO ASHORE: PENG (N7EA Adv 3)</b>					<b>MSC N711</b>	
<b>Location: EMPRISE Training Facility, Chesapeake, VA &amp; Online (GoToMeeting)</b>						
	<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>	<b>Day 4</b>		
	<b>CMEO SAMM (PLANNING)</b>		<b>CMEO PENG (EXECUTION)</b>			
<b>TIME</b>	<b>Module</b>	<b>Module</b>	<b>Module</b>	<b>Module</b>		
<b>0800-0900</b>			Engineering Status Reports/ Vessel Inspection & Assessments/ Regulatory Body Inspections	AVCERT		
<b>0900-10:00</b>				PENG Session 3		
<b>1000-1100</b>			PENG Session 1	Completions (T-ALT, PMIA, VRR)		
<b>1100-1200</b>						
<b>1200 - 1300</b>			<i>Lunch</i>	<i>Lunch</i>		
<b>1300- 1400</b>			PENG Session 2	Working Groups		
<b>1400-1500</b>						
<b>1500-1600</b>					Assessment	
<b>1600-1700</b>						

## 5. Module Descriptions:

**AVCERT:** This module covers Aviation re-Certification requirements and the necessary preparations required to ensure the vessel is ready for its recertification inspection. This particular module is tailored for the preparations required by the ship's Port Engineer.

**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.