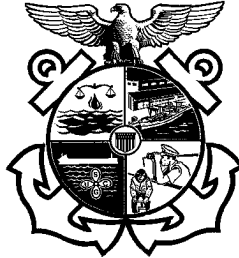


United States Coast Guard



FOREIGN POLAR CODE ADDENDUM Job Aid

Name of Vessel:	Flag: <input type="checkbox"/> No Change
IMO Number:	Activity Number:
Date Completed:	Priority:
Location:	
Certificate of Compliance: <input type="checkbox"/> Issued <input type="checkbox"/> Endorsed	
Vessel Built in Compliance with SOLAS: 60 74 74/78 NA	
Port State Control Officer & Examiners 1. _____ 3. _____ 2. _____ 4. _____	

Use of Foreign Polar Code Job Aid

This examination book is intended to be used as a job aid by Coast Guard Port State Control Examiners (PSCs) during examination of foreign-flagged vessel that operates in polar waters. This book contains an extensive list of possible examination items. It is not, however, the Coast Guard's intention to "examine" all items listed. As a port state responsibility, PSCs must verify that the vessels and their crews are in substantial compliance with international conventions and applicable U.S. laws. The depth and scope of the examination must be determined by the PSCs based on the condition of the ship, operation of its systems and the competency of the ship's crew.

Table of Contents:

Section 1: Examination Items

Certificates and Documents 1
Logs and Manuals..... 2
Bridge & Navigation 2
Lifesaving Equipment 3
Firefighting Systems 4
Machinery Equipment 4
Topside Equipment 4

Section 1: Examination Items

Certificates and Documents

- 1. Examine Polar Ship Certificate and Record of Equipment
 - Verify presence Polar Code I-A/1.3.1
Polar Code I-A/1.3.6
 - Verify validity Polar Code I-A/1.3.2
Polar Code I-A/1.3.4
Polar Code I-A/1.3.6
 - Verify form Polar Code I-A/1.3.5
 - Verify Polar Class (PC) Polar Code I-A/1.3.3
Polar Code I-A/3.3.2
 - Verify Polar Service Temperature (PST) Polar Code I-A/1.4.2

- 2. Examine seafarer credentials
 - Verify training for polar water operations Polar Code I-A/12.3.1
CG-OES Policy Ltr 01-16
STCW 10 V/4, MSC.478(102)

- 3. Examine vessel's ability to retain oil/oily mixtures and/or noxious liquid substances (NLS) onboard
 - Verify entries in Oil Record Books, manuals and SOPEP/SMPEP Polar Code II-A/1.1.4
Polar Code II-A/2.1.2
 - Verify International Pollution Prevention Certificate for the Carriage of NLS in Bulk or Certificate of Fitness is endorsed for polar waters Polar Code II-A/2.1.3
 - Verify presence 46 USC 3303
SOLAS 20 I/13
 - Verify validity 46 USC 3303

Logs and Manuals

- 4. Examine Polar Water Operational Manual (PWOM)
 - Verify presence Polar Code I-A/2.3.1
 - Verify contents Polar Code I-A/2.2
Polar Code I-A/2.3

- 5. Examine garbage documentation
 - Verify Garbage Record Book reflects operation in polar waters Polar Code II-A/5.2.3
 - Verify Garbage Management Plan reflects operation in polar waters Polar Code II-A/5.2.3

Bridge/Navigation

- 6. Examine navigation equipment
 - Verify secondary echo-sounding device Polar Code I-A/9.3.2.1.1
 - Verify means to prevent accumulation of ice on antennas Polar Code I-A/9.3.2.1.3
 - Verify bridge wings enclosed Polar Code I-A/9.3.2.1.4.2
 - Verify two non-magnetic means to determine and display heading Polar Code I-A/9.3.2.2.1
 - Verify GNSS compass or equivalent Polar Code I-A/9.3.2.2.2
 - Verify search lights Polar Code I-A/9.3.3.1
 - Verify flashing red light Polar Code I-A/9.3.3.2

- 7. Examine communications equipment
 - Verify sound signaling system Polar Code I-A/10.3.1.2
 - Verify two-way voice and data communication with a Telemedical Assistance Service (TMAS) Polar Code I-A/10.3.1.4
 - Verify rescue boats and lifeboats fitted with equipment for transmitting ship to shore, location, and transmitting & receiving on-scene communications Polar Code I-A/10.3.2.1
 - Verify all other survival craft fitted with equipment for transmitting location and on-scene communications Polar Code I-A/10.3.2.2

Lifesaving Equipment

- 8. Examine escape routes and evacuation appliances
 - Verify means to remove or prevent ice and snow accretion from escape routes, muster stations, embarkation areas, survival craft, launching appliances and access to survival craft Polar Code I-A/8.3.1.1
 - Verify escape routes and embarkation arrangements do not hinder persons wearing polar clothing Polar Code I-A/8.3.1.2
Polar Code I-A/8.3.1.3
 - Verify means of evacuating persons when operating in ice-covered waters Polar Code I-A/8.3.2.1

- 9. Examine survival equipment
 - Verify immersion suits Polar Code I-A/8.3.3.1
 - Verify searchlights installed on lifeboats Polar Code I-A/8.3.3.2
 - Verify lifeboats partially or totally enclosed Polar Code I-A/8.3.3.3.1
 - Verify personal and group survival equipment Polar Code I-A/8.3.3.3.2
 - Verify ice/land abandonment equipment Polar Code I-A/8.3.3.3.3
 - Verify emergency rations Polar Code I-A/8.3.3.4

Firefighting Equipment

- 10. Examine fire safety systems and appliances
 - Verify isolating and pressure/vacuum valves are protected from ice accretion and remain accessible at all times Polar Code I-A/7.3.1.1
 - Verify all two-way portable radio equipment is operable at the PST Polar Code I-A/7.3.1.2
 - Verify equipment and machinery controls are arranged to avoid freezing, snow accumulation and ice accretion Polar Code I-A/7.3.2
 - Verify firefighter's outfits are stored in warm locations Polar Code I-A/7.3.2.3
 - Verify portable and semi-portable extinguishers in locations subject to freezing are capable of operation under the PST Polar Code I-A/7.3.3.1

Machinery Equipment

- 11. Examine machinery installations
 - Verify protection against ice accretion and/or snow accumulation Polar Code I-A/6.3.1.1
 - Verify viscosity of working liquids Polar Code I-A/6.3.1.1
Polar Code I-A/6.3.1.2
Polar Code I-A/5.3.2.1
 - Verify seawater systems prevent ingestion of ice Polar Code I-A/6.3.1.3
 - Verify means to ensure air intake for essential machinery is maintained within manufacturer's criteria Polar Code I-A/6.3.2.2

Topside Equipment

- 12. Examine ice removal equipment
 - Verify means for removing ice from bulwarks, rails and erections Polar Code I-A/4.3.1.2
 - Verify means for removing ice from hatches and doors Polar Code I-A/5.3.1

