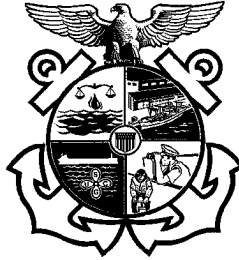


# United States Coast Guard



## FOREIGN FREIGHT VESSEL EXAMINER CARGO SYSTEM Job Aid

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



## **Use of Foreign Freight Vessel Examiner Cargo System Job Aid**

This examination book is intended to be used as a job aid by Coast Guard Port State Control Examiners (PSCOs) during examination of foreign-flagged freight vessels. This book contains an extensive list of cargo system examination items. It is not, however, the Coast Guard's intention to "examine" all items listed. As a port state responsibility, PSCOs 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 PSCOs based on the condition of the ship, operation of its systems and the competency of the ship's crew.

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## Section 1: Examination Items

### Cargo Systems

- 1. Examine Loading Instrument and Loading Instrument User Manual
  - Verify contents SOLAS 20 XII/11  
IMO MSC/Circ. 1108
  - Verify written language(s) IMO MSC/Circ. 1108
  - Verify operation SOLAS 20 XII/11  
IMO MSC/Circ. 1108
  
- 2. Confirm additional special requirements for carrying dangerous goods
  - Verify water supply location SOLAS 20 II-2/19.3.1
  - Verify installation of electrical components SOLAS 20 II-2/19.3.2
  - Verify power and natural ventilation SOLAS 20 II-2/19.3.4
  - Verify bilge pumping arrangements SOLAS 20 II-2/19.3.5
  - Verify presence of protective suits and related equipment SOLAS 20 II-2/19.3.6
  - Verify presence of additional portable extinguishers SOLAS 20 II-2/19.3.7
  - Verify insulation of machinery space boundaries SOLAS 20 II-2/19.3.8
  
- 3. Examine cargo ventilation system
  - Determine application SOLAS 20 II-2/20.2.1
  - Verify separation from other systems/ducts and sealing capabilities SOLAS 20 II-2/20.3.1.2.2
  - Verify ducts/dampers construction SOLAS 20 II-2/20.3.1.4.2
  - Verify location(s) of system controls SOLAS 20 II-2/20.3.1.2.2
  - Verify location and means for rapid system shutdown SOLAS 20 II-2/20.3.1.4.1
  - Verify operation of loss of ventilation indicator SOLAS 20 II-2/20.3.1.3
  - Verify presence and operation of combustible gas detecting instruments SOLAS 20 II-2/20.3.1.2.2

- 4. Examine intermodal containers (spot check)
  - Verify hazardous materials are stowed IAW stowage plan and dangerous goods manifest SOLAS 20 VII/4 & 5  
49 CFR 176.30
  - Verify structural integrity 49 CFR 453.1(b)  
IMO CSC.1/Circ.138/Rev.1
  - Verify no cargo leakage 49 CFR 176.50  
IMDG 4.2.1.9.6.3
  - Verify dangerous goods placards are posted 49 CFR 172.500  
IMDG 5.3.1.1.4.1
  - Verify no smoking signage 49 CFR 176.60
  
- 5. Verify compliance with Cargo Securing Manual (spot check)
  - Verify adequate amount of approved securing equipment SOLAS 20 VII/5  
IMO MSC.1/Circ. 1353
  - Verify cargo is secured IAW manual SOLAS 20 VII/5  
CSS Code 1.7  
Cargo Securing Manual
  - Verify equipment strength and maintenance CSS Code 1.7
  - Verify stowage and securing declaration for road vehicles CSS Code 2.9.2

- 6. Examine solid bulk cargo carriage requirements
- Determine IMSBC code applicability IMSBC Code Appendix 1
  - If not authorized under IMSBC Code, determine valid non-hazardous cargo authorization or hazardous cargo approval IMSBC Code 1.3
  - Verify shipping documentation and cargo information SOLAS 20 VI/2 & VII/7-2  
IMSBC Code 4.2  
CG-CVC Policy Ltr 13-03/Encl. 1/5
  - Verify specific requirements outlined in shipping schedule SOLAS 20 VII/7-1  
IMSBC Code 1.2
  - Verify presence of emergency response and medical first aid information for cargo(s) SOLAS 20 VII/7-1  
CG-CVC Policy Ltr 13-03/6.f
  - Verify presence of personal protective equipment SOLAS 20 II-2/19.3.6
  - Verify presence of monitoring equipment for cargo(s) SOLAS 20 VI/3  
IMSBC Code Appendix 1
  - Verify ventilation requirements for cargo spaces SOLAS 20 II-2/19.3.4

Notes: \_\_\_\_\_

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