
U.S. COAST GUARD



FOREIGN FREIGHT VESSEL EXAMINER (FFVE)

PORT STATE CONTROL OFFICER PERFORMANCE AND QUALIFICATION STANDARD



Marine Inspection and Investigation School
Training Center Yorktown

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Foreign Freight Vessel Examiner Performance and Qualification Standard

Competency Code: FFVE

References:

- (a) U.S. Coast Guard Sector Organization Manual, COMDTINST M5401.6 (series)
- (b) COMDTINST 16000.73, Marine Safety: Port State Control
- (c) COMDTINST 16000.70, Marine Safety: Domestic Inspection Programs
- (d) Performance, Training & Education Manual, COMDTINST M1500.10C
- (e) Safety and Environmental Health Manual, COMDTINST 5100.47
- (f) CGTTP 3-72.8, Foreign Freight Vessel Examiner TTP

This Performance and Qualification Standard (PQS) workbook is your On the Job Training (OJT) performance checklist for certification as a Foreign Freight Vessel Examiner (FFVE). It is your responsibility to document all completed unit training items and keep track of all examinations completed during this process by filling out the Port State Control (PSC) Examination Log located in appendix C of this workbook.

This qualification is not restricted to any particular rank or rate. Civilian GS employees are also eligible.

The FFVE competency is one of five “specific cargo/vessel related” Port State Control Officer (PSCO) competencies.

This PQS workbook cites SOLAS regulations from the 2020 Consolidated Edition (SOLAS 20). In some cases, the regulations in SOLAS 20 may not apply due to the keel laid date of the vessel. PSC personnel must pay close attention to the applicability dates of the SOLAS chapters and regulations when conducting PSC exams.

The following is a brief overview of how this PQS workbook works. On each task card you will find:

1. **Job:** the formal title of the qualification.
Example: “Port State Control Examiner”
2. **Job Accomplishment:** the main deliverable for the qualification.
Example: “Port State Control Examination”
3. **Major Accomplishment:** the valuable products of a job or specialty which collectively make up the job accomplishment.
Example: “Lifesaving Equipment Examination”
4. **Vessel types:** the specific type of vessels within the formal title of the qualification that the task is associated with.
Example: “Port State Control Vessel”
5. **Task:** action to be performed on the job. A unit of behavior which has value for producing major accomplishments/output; has a definite beginning (stimulus); is made up of two or more steps; and results in a measurable output.

6. **Condition:** specifies assistance, aids or constraints the trainee will be given. It states the condition(s)/limit(s) under which the task will be performed.
7. **Standard:** specifications of the levels of accuracy and quality necessary for success, i.e. how well a trainee must carry out the desired performance to complete the task.
8. **Steps:** the sequence of actions required to complete the task.

Ideally, all steps and tasks within the PQS workbook shall be required to be completed prior to obtaining the FFVE competency. With the exception the training prerequisites listed on page (I), the Sector Commander or designee may defer PQS items as authorized by references (a) and (d). If a task is deferred, the reason for deferment must be clearly articulated in both the PQS workbook and the certification letter for record keeping and accountability. Additionally, if a task is deferred that member is not authorized to conduct that specific task.

All tasks and steps must be validated by a certified Verifying Officer (VO). The VO shall observe the successful performance of each task and document such with signatures in the specific task card. VOs must enter their title, name and initials in the Record of Verifying Officer's section before making entries in your PQS workbook.

A Certification Board should only be completed after all tasks and steps are signed by a VO. Upon satisfactory completion of the board, a Letter of Certification/Designation will be issued and the **Unit Training Coordinator should enter the certification in the Training Management Tool (TMT).**

Appendices:

- A. Glossary
- B. Port State Control Examination Log

PQS VERIFYING OFFICER SIGNATURE VERIFICATION LOG

RATE/ RANK	SIGNATURE/ PRINT NAME	EMPLID	INITIALS	UNIT

REMARKS:

Foreign Freight Vessel Examiner PQS

RECORD OF COMPLETION		
Training Prerequisites	Date	Training Coordinator's Signature
A. Completion of Port State Control Examiner (PSCE) competency		
B. Completion of this PQS Workbook		
C. Completion of Freight Vessel Indoctrination (Encl. 1) MI PQS, Job and Training Aids - All Documents (uscg.mil)		
D. Successful completion of final assessment under the observation of the Verifying Officer		
E. Successful completion of the final oral qualification board		
Qualification Board Members:		
F. Certification/Designation Letter submitted for approval		
G. Once Certification/Designation Letter is signed, enter competency and certification in TMT		
REMARKS:		

Foreign Freight Vessel Examiner PQS

Task Number	Task Description	Date Completed
FFVE-CD01	Verify participation in Enhanced Survey program	
FFVE-CD02	Examine crew training documentation (hazardous materials/dangerous goods)	
FFVE-CD03	Examine Dangerous Cargo Manifest (DCM)	
FFVE-CD04	Examine Document of Compliance for the Carriage of Dangerous Goods	
FFVE-CD05	Examine Document of Authorization (DoA) for the Carriage of Grain	
FFVE-LM01	Examine ship's stability and grain loading booklet	
FFVE-LM02	Examine the bulk cargo loading, unloading & stowage booklet (Loading Manual)	
FFVE-LM03	Examine Cargo Securing Manual	
FFVE-FF01	Examine fixed fire detection and fire alarm systems	
FFVE-FF02	Examine space sealing capabilities with fixed fire extinguishing systems installed capabilities	
FFVE-FF03	Examine portable fire extinguishers	
FFVE-SW01	Examine high stress and high impact areas	
FFVE-CS01	Examine Loading Instrument and Loading Instrument User Manual	
FFVE-CS02	Confirm additional special requirements for carrying dangerous goods	
FFVE-CS03	Examine cargo ventilation system	
FFVE-CS04	Examine intermodal containers (spot check)	
FFVE-CS05	Verify compliance with Cargo Securing Manual (spot check)	
FFVE-CS06	Examine solid bulk cargo carriage requirements	
FFVE-FU01	Verify International Safety Management (ISM) compliance	

Appendix A

Glossary: The following terms are used in this workbook and should be reviewed in order to better understand its contents:

Advise: to counsel or recommend

Assign: to give responsibility, to place under the control of a task

Amend (Modify): to make minor changes in/to

Brief: to give information or final precise instructions

Change: to make different in some particular way

Check: to inspect for satisfactory condition, accuracy, safety or performance

Compare: to examine (two or more objects, ideas, people, etc.) in order to note similarities and/or differences

Communicate: to convey knowledge of or information about: make known

Confirm: to validate, establish the truth, accuracy or genuineness of something

Create: to cause to happen; bring about; arrange, as by intention or design

Discuss: to verbally present a topic in detail for examination or consideration

Determine: to settle or decide by choice of alternatives or possibilities. "Decide" refers to arriving at a conclusion and to pronounce that decision. "Determine" is to settle or decide by choice of alternatives or possibilities and to fix precisely

Endorse: to approve, support or sustain; to sign one's name on a document or other instrument

Ensure: to make certain, to guarantee

Enter: to make a record of; record or register

Evaluate: to determine the significance or worth of, usually by careful appraisal and study

Examine: to look at or consider a thing carefully and in detail in order to discover something about it

Identify: to determine critical or necessary conditions or other factors; to determine the specific model of an item; to ascertain the origin, nature or definitive characteristics of; to recognize or establish as being a particular person or thing

Inspect: to examine officially; to look carefully at or over; view closely and critically

Issue: to serve legally binding federal documentation, notices or declarations to an individual, business or other distinctive entity

Appendix A

Locate: to determine or set the position of; to find

Make: to create or cause to happen

Modify (Amend): to make minor changes in/to

Observe (Witness): to watch carefully

Obtain: to gain or attain

Open: to set in action, begin, start or commence

Prepare: plan, gather and assemble information to produce a document (i.e. COI); to put together, to combine elements and produce a product, to make ready

Provide: to supply or make available

Review: to go over for the purpose of determining correctness or currency; to examine a document or process for accuracy in content and/or format and report errors or updates to the author or controlling authority

Schedule: to appoint, assign, or designate for a fixed time

Update: to bring up to date or make current

Validate: to substantiate accuracy or truth of by comparison or investigation

Verify: to confirm or establish the accuracy or truth of something

Witness (Observe): to watch carefully

Appendix B

DATE	LOCATION	VESSEL NAME	VESSEL TYPE	EXAM TYPE	LEAD EXAMINER

Appendix B

DATE	LOCATION	VESSEL NAME	VESSEL TYPE	EXAM TYPE	LEAD EXAMINER

Certificates and Documents (CD)

Foreign Freight Vessel

Task: FFVE-CD01 Verify participation in Enhanced Survey program

Condition: While validating certificates and documents

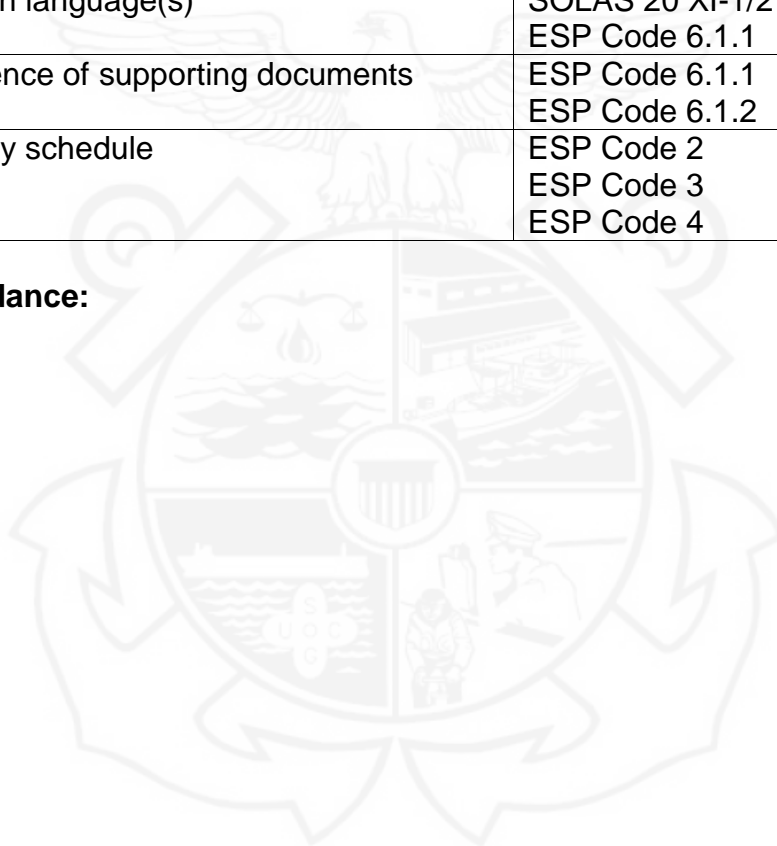
Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Code on the Enhanced Programme of Inspections During Surveys of Bulk Carriers and Oil Tankers (ESP Code), 2011

Steps		References	Initials
CD01.1	Verify written language(s)	SOLAS 20 XI-1/2 ESP Code 6.1.1	
CD01.2	Verify presence of supporting documents	ESP Code 6.1.1 ESP Code 6.1.2	
CD01.3	Verify survey schedule	ESP Code 2 ESP Code 3 ESP Code 4	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Certificates and Documents (CD)

Foreign Freight Vessel

Task: FFVE-CD02 Examine crew training documentation (hazardous materials/dangerous goods)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 49, Code of Federal Regulations Part 172 Hazardous Materials Regulations - Hazardous Materials Table, Special Provisions, Communications, Emergency Response Information, Training Requirements & Security Plans
 2. Title 49, Code of Federal Regulations Part 176 Carriage by Vessel
 3. International Convention on Standards of Training, Certification & Watchkeeping (STCW) 1978, as amended

Steps		References	Initials
CD02.1	Review training documentation	49 CFR 172.704(d) 49 CFR 176.13(c) STCW A-II/2	
CD02.2	Verify recurrent training is conducted	49 CFR 172.704(c)(2)	

Verifying Officer Guidance: *STCW Table A-II/2 lists specific competence requirements for cargo handling, stowage and the carriage of dangerous goods (including IMDG and IMSBC Code). This is part of a mariner's certification under STCW and may not include independent documentation. Their license is proof that they meet the STCW requirements for training related to the carriage of dangerous goods. The training and documentation requirements in 49 CFR still apply.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Certificates and Documents (CD)

Foreign Freight Vessel

Task: FFVE-CD03 Examine Dangerous Cargo Manifest (DCM)

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. Title 49, Code of Federal Regulations Part 176 Carriage by Vessel
2. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CD03.1	Verify location	49 CFR 176.30(a)	
CD03.2	Verify contents	49 CFR 176.30(a) SOLAS 20 VII/7-2	
CD03.3	Verify hazardous material information	49 CFR 176.30(b)	
CD03.4	Verify signed	49 CFR 176.30(c)	
CD03.5	Verify copies are retained	49 CFR 176.30(e)	

Verifying Officer Guidance: Trainee shall demonstrate an understanding of container stowage terminology (bays or cells, rows, tiers, slots, etc.).

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Certificates and Documents (CD)

Foreign Freight Vessel

Task: FFVE-CD04 Examine Document of Compliance for the Carriage of Dangerous Goods

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO MSC.1/Circ. 1266 Carriage of Dangerous Goods

Steps		References	Initials
CD04.1	Verify presence	SOLAS 20 II-2/19.4	
CD04.2	Verify validity	SOLAS 20 II-2/19.4 IMO MSC.1/Circ. 1266	
CD04.3	Verify cargoes classes are authorized	SOLAS 20 II-2/19.4 IMO MSC.1/Circ. 1266	

Verifying Officer Guidance: *The Document of Compliance is issued to vessels carrying dangerous goods in bulk and/or packaged form. It is different than the Document of Compliance issued under the ISM Code. They do not require annual surveys and after the initial verification, surveys are carried out in conjunction with the Cargo Ship Safety Construction Certificate.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Certificates and Documents (CD)

Foreign Freight Vessel

Task: FFVE-CD05 Examine Document of Authorization (DoA) for the Carriage of Grain

Condition: While validating certificates and documents

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Code for the Safe Carriage of Grain in Bulk (Grain Code), 1991
3. NVIC 05-94 Requirements for Vessels Carrying Bulk Grain Cargo

Steps		References	Initials
CD05.1	Verify presence and approval	SOLAS 20 VI/9 Grain Code A 3.1 Grain Code A 3.4	
CD05.2	Verify written language(s)	Grain Code A 3.3	
CD05.3	Verify incorporation into Grain Loading Manual	Grain Code A 3.2 NVIC 05-94	
CD05.4	Verify Flag exemption and approval or National Cargo Bureau approval for full load capability without DoA	Grain Code A 3.5 NVIC 05-94	
CD05.5	Verify Flag approval for partial load capability without DoA	Grain Code A 9.6	

Verifying Officer Guidance: *The DoA is evidence that the ship is capable of complying with Grain Code requirements. A ship without a DoA shall not load grain until the master demonstrates to the Administration or the Contracting Government that the ship meets all the requirements of the Grain Code. A ship without a DoA has two options under Part A 3.5. Under Part A 9 a ship without a DoA may not carry a partial load without performing the required calculations.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Logs and Manuals Examination (LM)

Foreign Freight Vessel

Task: FFVE-LM01 Examine ship's stability and grain loading booklet

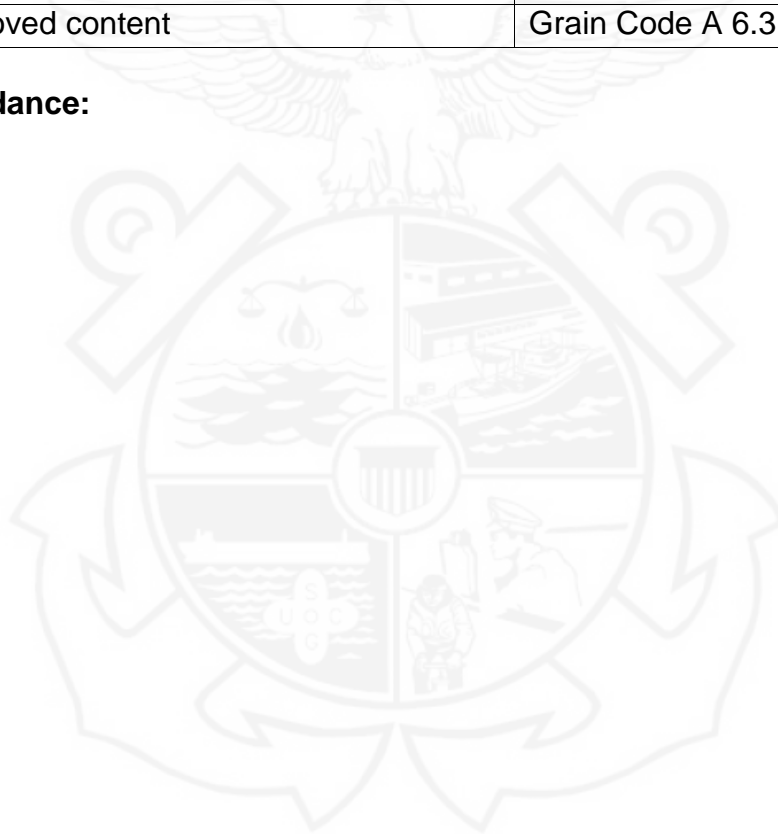
Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Code for the Safe Carriage of Grain in Bulk (Grain Code), 1991

Steps		References	Initials
LM01.1	Verify accepted content	SOLAS 20 VI/9 Grain Code A 6.2	
LM01.2	Verify approved content	Grain Code A 6.3	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Logs and Manuals Examination (LM)

Foreign Freight Vessel

Task: FFVE-LM02 Examine the bulk cargo loading, unloading & stowage booklet (Loading Manual)

Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO MSC/Circ.1117 Guidance for Checking the Structure of Bulk Carriers

Steps		References	Initials
LM02.1	Verify written language(s)	SOLAS 20 VI/7.2	
LM02.2	Verify contents	SOLAS 20 VI/7.2 SOLAS 20 XII/8 IMO MSC/Circ. 1117	
LM02.3	Verify loading and/or unloading plan agreement with terminal	SOLAS 20 VI/7.3 SOLAS 20 VI/7.6	

Verifying Officer Guidance:

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Logs and Manuals Examination (LM)

Foreign Freight Vessel

Task: FFVE-LM03 Examine Cargo Securing Manual

Condition: While validating logs and manuals

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO MSC.1/Circ. 1353/Rev.2 Revised Guidelines for the Preparation of the Cargo Securing Manual

Steps		References	Initials
LM03.1	Verify approval	SOLAS 20 VI/5.6 SOLAS 20 VII/5	
LM03.2	Verify format	SOLAS 20 VI/5.6 SOLAS 20 VII/5 IMO MSC.1/Circ. 1353	
LM03.3	Verify working language(s)	SOLAS 20 VII/5 IMO MSC.1/Circ. 1353	
LM03.4	Verify securing procedures for current cargo	SOLAS 20 VI/5.6 SOLAS 20 VII/5 IMO MSC.1/Circ. 1353	

Verifying Officer Guidance: This task is applicable to all cargoes, other than solid and liquid bulk cargoes. MSC/Circ.1353 amends the Cargo Stowage & Securing (CSS) Code. In the case of one time carriage of special cargoes (i.e. heavy lift vessels, break-bulk vessels, etc.) the vessel must have approval from their Administration or recognized organization. For example a Cargo Securing Manual that is amended or one specifically for that special cargo.

Inspector's Name: (Last, First, Initial)

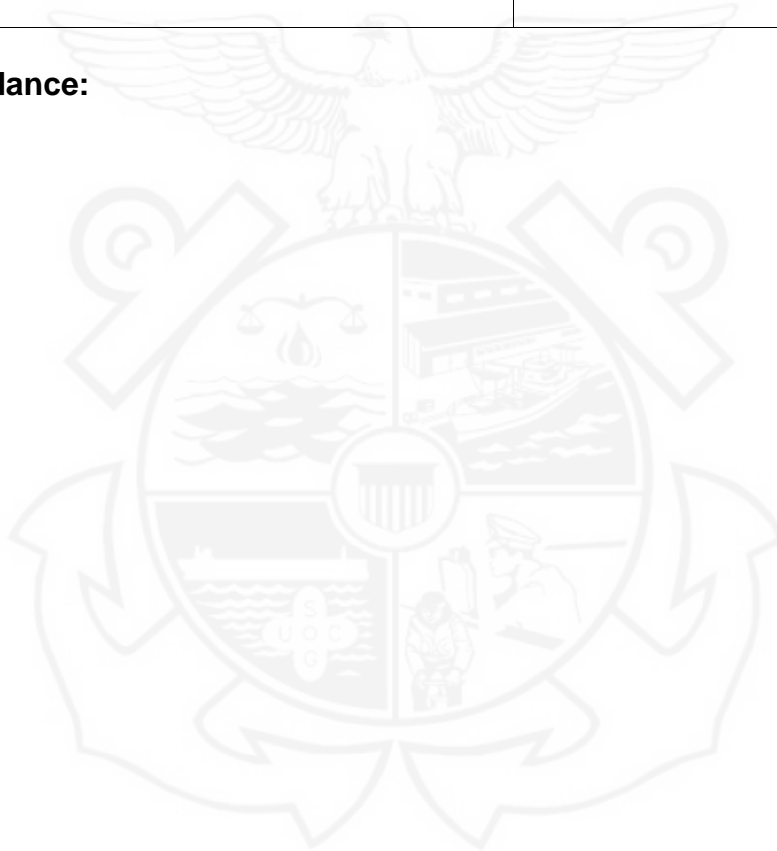
EMPLID:

Verifying Officer's Signature:

Date:

Task: FFVE-FF01 Examine fixed fire detection and fire alarm systems**Condition:** *During firefighting equipment examination***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
FF01.1	Verify operation	SOLAS 20 II-2/20.4.1 & 4.3	
FF01.2	Verify smoke extraction system(s) (when applicable)	SOLAS 20 II-2/20.4.2	

Verifying Officer Guidance:

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Task: FFVE-FF02 Examine space sealing capabilities with fixed fire extinguishing systems installed

Condition: *During firefighting equipment examination*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
FF02.1	Verify approved system for spaces capable of being sealed	SOLAS 20 II-2/20.6.1.1	
FF02.2	Verify approved fixed pressure water-spraying system for spaces not capable of being sealed	SOLAS 20 II-2/20.6.1.2	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Task: FFVE-FF03 Examine portable fire extinguishers**Condition:** *During firefighting equipment examination***Standard:** *In compliance with applicable policies, laws, regulations and standards***References:** 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
FF03.1	Verify location	SOLAS 20 II-2/20.6.2.1	
FF03.2	Verify additional appliances	SOLAS 20 II-2/20.6.2.2	

Verifying Officer Guidance:**Inspector's Name:** (Last, First, Initial)**EMPLID:****Verifying Officer's Signature:****Date:**

Structural/Watertight Integrity Examination (SW)

Foreign Freight Vessel

Task: FFVE-SW01 Examine high stress and high impact areas

Condition: *During Examination*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Code on the Enhanced Programme of Inspections During Surveys of Bulk Carriers and Oil Tankers (ESP Code), 2011
3. IMO MSC/Circ. 1117 Guidance for Checking the Structure of Bulk Carriers

Steps		References	Initials
SW01.1	Review survey reports on file	SOLAS 20 XI-1/2 ESP Code 6	
SW01.2	Examine hull maintenance and general state on deck	IMO MSC/Circ. 1117/11	
SW01.3	Examine areas of high stress and bending moments	IMO MSC/Circ. 1117/12	
SW01.4	Examine areas where fracturing, cracks, distortion or excessive wastage commonly occur (including visible cargo hold internals)	IMO MSC/Circ. 1117/13 & 14	

Verifying Officer Guidance: *Trainee should be familiar with common nomenclature of cargo holds and ship structure. Understand the difference between structural failures and structural damage in accordance with Chapter A.5 of COMDTINST 16000.70, Marine Safety: Domestic Inspection Programs. Where damage is noted, check the same area on the opposite side of the space or vessel for transference damage.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel

Task: FFVE-CS01 Examine Loading Instrument and Loading Instrument User Manual

Condition: *During cargo systems examination*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO MSC/Circ. 1108 Guidelines for Assessing the Longitudinal Strength of Bulk Carriers During Loading, Unloading & Ballast Water Exchange

Steps		References	Initials
CS01.1	Verify contents	SOLAS 20 XII/11 IMO MSC/Circ. 1108	
CS01.2	Verify written language(s)	IMO MSC/Circ. 1108	
CS01.3	Verify operation	SOLAS 20 XII/11 IMO MSC/Circ. 1108	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel

Task: FFVE-CS02 Confirm additional special requirements for carrying dangerous goods

Condition: During cargo systems examination

Standard: In compliance with applicable policies, laws, regulations and standards

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CS02.1	Verify water supply location	SOLAS 20 II-2/19.3.1	
CS02.2	Verify installation of electrical components	SOLAS 20 II-2/19.3.2	
CS02.3	Verify power and natural ventilation	SOLAS 20 II-2/19.3.4	
CS02.4	Verify bilge pumping arrangements	SOLAS 20 II-2/19.3.5	
CS02.5	Verify presence of protective suits and related equipment	SOLAS 20 II-2/19.3.6	
CS02.6	Verify presence of additional portable extinguishers	SOLAS 20 II-2/19.3.7	
CS02.7	Verify insulation of machinery space boundaries	SOLAS 20 II-2/19.3.8	

Verifying Officer Guidance: Trainee shall demonstrate understanding and familiarity with using the application tables in SOLAS14 II-2, Tables 19.1, 19.2 and 19.3.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel - RO-RO

Task: FFVE-CS03 Examine cargo ventilation system

Condition: *During cargo systems examination*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References: 1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended

Steps		References	Initials
CS03.1	Determine application	SOLAS 20 II-2/20.2.1	
CS03.2	Verify separation from other systems/ducts and sealing capabilities	SOLAS 20 II-2/20.3.1.2.2	
CS03.3	Verify ducts/dampers construction	SOLAS 20 II-2/20.3.1.4.2	
CS03.4	Verify location(s) of system controls	SOLAS 20 II-2/20.3.1.2.2	
CS03.5	Verify location and means for rapid system shutdown	SOLAS 20 II-2/20.3.1.4.1	
CS03.6	Verify operation of loss of ventilation indicator	SOLAS 20 II-2/20.3.1.3	
CS03.7	Verify presence and operation of combustible gas detecting instruments	SOLAS 20 II-2/20.3.1.2.2	

Verifying Officer Guidance:



Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel

Task: FFVE-CS04 Examine intermodal containers (spot check)

Condition: During cargo systems examination

Standard: In compliance with applicable policies, laws, regulations and standards

- References:**
1. Title 49, Code of Federal Regulations Part 172 Hazardous Materials Regulations - Hazardous Materials Table, Special Provisions, Communications, Emergency Response Information, Training Requirements & Security Plans
 2. Title 49, Code of Federal Regulations Part 176 Carriage by Vessel
 3. Title 49, Code of Federal Regulations Part 453 Control and Enforcement
 4. International Maritime Dangerous Goods (IMDG) Code
 5. IMO CSC.1/Circ. 138/Rev. 1 Revised Recommendations on Harmonized Interpretation & Implementation of the International Convention for Safe Containers

Steps		References	Initials
CS04.1	Verify hazardous materials are stowed IAW stowage plan and dangerous goods manifest	SOLAS 20 VII/4 & 5 49 CFR 176.30	
CS04.2	Verify structural integrity	49 CFR 453.1(b) IMO CSC.1/Circ.138/Rev.1	
CS04.3	Verify no cargo leakage	49 CFR 176.50 IMDG 4.2.1.9.6.3	
CS04.4	Verify dangerous goods placards are posted	49 CFR 172.500 IMDG 5.3.1.1.4.1	
CS04.5	Verify no smoking signage	49 CFR 176.60	

Verifying Officer Guidance: 49 CFR 171.22 discusses the authorization and conditions for the use of international standards and regulations (including the IMDG Code). Also, if container-related deficiencies exist beyond the basic understanding of the Port State Control team, follow any local policy on damaged or leaking containers which should include contacting a qualified Container Inspector for assistance. COMDTINST M16616.11D, National Container Inspection Program Manual, chap 4.A. has additional information.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel

Task: FFVE-CS05 Verify compliance with Cargo Securing Manual (spot check)

Condition: During cargo systems examination

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. IMO MSC/Circ. 1353 Rev 2 Revised Guidelines for the Preparation of the Cargo Securing Manual
3. International Code of Safe Practice for Cargo Stowage and Securing (CSS), 1991
4. Cargo Securing Manual

Steps		References	Initials
CS05.1	Verify adequate amount of approved securing equipment	SOLAS 20 VII/5 IMO MSC.1/Circ. 1353	
CS05.2	Verify cargo is secured IAW manual	SOLAS 20 VII/5 CSS Code 1.7 Cargo Securing Manual	
CS05.3	Verify equipment strength and maintenance	CSS Code 1.7	
CS05.4	Verify stowage and securing declaration for road vehicles	CSS Code 2.9.2	

Verifying Officer Guidance: *The Cargo Securing Manual should take into account the guidelines provided in the Cargo Stowage & Securing (CSS) Code, which includes IMO MSC.1/Circ. 1353. The information in the vessel's Cargo Securing Manual will provide the basis for verifying compliance.*

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Cargo Systems Examination (CS)

Foreign Freight Vessel

Task: FFVE-CS06 Examine solid bulk cargo carriage requirements

Condition: During cargo systems examination

Standard: In compliance with applicable policies, laws, regulations and standards

References:

1. International Convention for the Safety of Life at Sea (SOLAS) 1974, as amended
2. International Maritime Solid Bulk Cargoes (IMSBC) Code, 2013
3. CG-CVC Policy Letter 13-03 International Maritime Solid Bulk Cargoes Code - Port State Control Guidance

Steps		References	Initials
CS06.1	Determine IMSBC code applicability	IMSBC Code Appendix 1	
CS06.2	If not authorized under IMSBC Code, determine valid non-hazardous cargo authorization or hazardous cargo approval	IMSBC Code 1.3	
CS06.3	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	
CS06.4	Verify specific requirements outlined in shipping schedule	SOLAS 20 VII/7-1 IMSBC Code 1.2	
CS06.5	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	
CS06.6	Verify presence of personal protective equipment	SOLAS 20 II-2/19.3.6	
CS06.7	Verify presence of monitoring equipment for cargo(s)	SOLAS 20 VI/3 IMSBC Code Appendix 1	
CS06.8	Verify ventilation requirements for cargo spaces	SOLAS 20 II-2/19.3.4	

Verifying Officer Guidance: CG-CVC Policy Letter 13-03 contains additional background information and enforcement guidance. As per the policy letter, "If a vessel has a loading certificate issued by the NCB or other competent authority (for loaded vessels arriving in the U.S.), the scope of the cargo compliance portion of the PSC exam may be reduced." Note: If the vessel is carrying dangerous cargoes in bulk, it is required to have a Document of Compliance as described in SOLAS 20/19.4 and MSC.1/Circ.1266, Carriage of Dangerous Goods.

Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:

Follow Up Actions (FU)

Foreign Freight Vessel

Task: FFVE-FU01 Verify International Safety Management (ISM) compliance

Condition: *During follow-up portion of the examination*

Standard: *In compliance with applicable policies, laws, regulations and standards*

References:

1. International Safety Management (ISM) Code
2. IMO Resolution A.1138(31) Procedures for Port State Control, 2019
3. COMDTINST 16000.73, Marine Safety: Port State Control

Steps		References	Initials
FU01.1	Verify clear grounds exist to initiate expanded exam	IMO Res A.1138(31) App. 8 MS-73/D1 & D2	
FU01.2	Verify crew familiarity with vessel's Safety Management System (SMS)	ISM Code 6.1	
FU01.3	Verify company responsibilities and authority are clearly defined	ISM Code 3	
FU01.4	Verify record keeping compliance	ISM Code 11	
FU01.5	Verify maintenance requirements	ISM Code 10	
FU01.6	Verify SMS training requirement	ISM Code 6.3 ISM Code 6.4	
FU01.7	Review audit documentation and follow-up actions	ISM Code 1.4.6 ISM Code 9.2	

Verifying Officer Guidance:

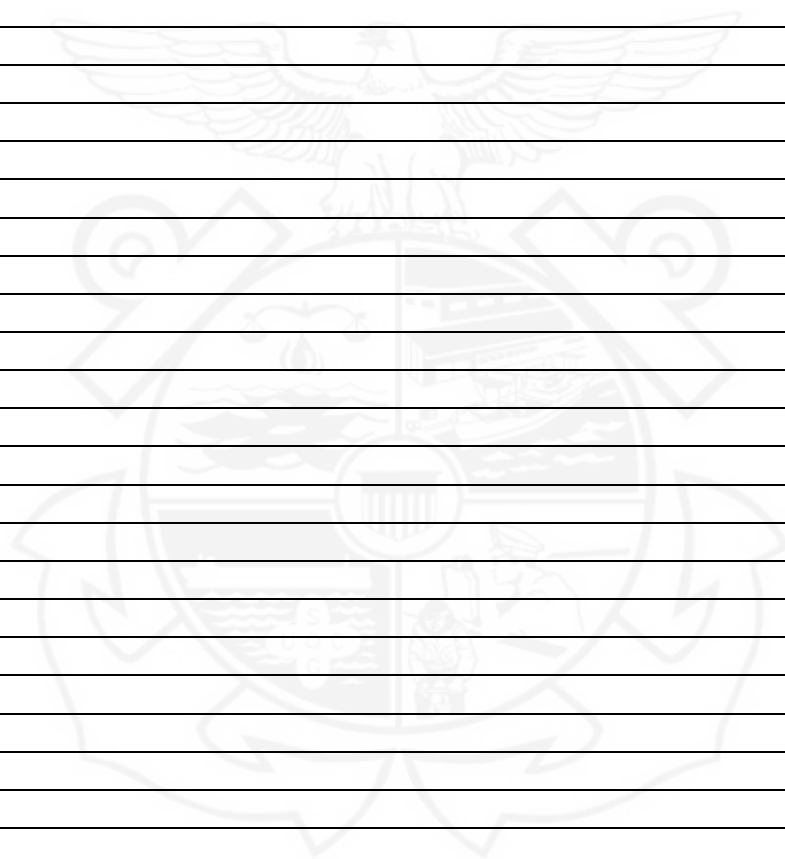


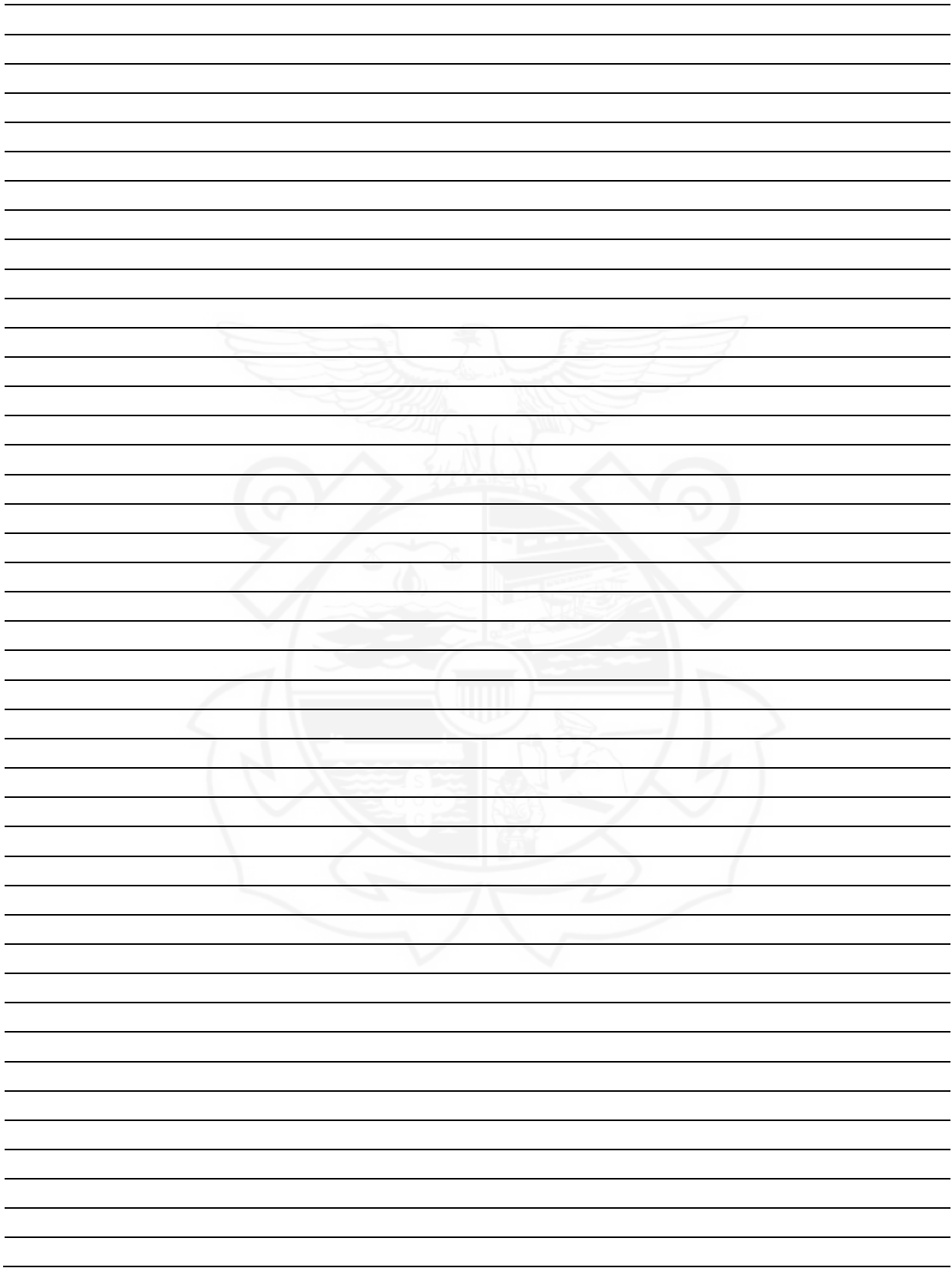
Inspector's Name: (Last, First, Initial)

EMPLID:

Verifying Officer's Signature:

Date:





**Performance Qualification Standard and Job Aid Change
Recommendation Form**

From: _____ Date: _____

PQS/Job Aid Title:

Section(s) Affected:

Remark(s)/Comment(s):

Reference(s):

Signature: _____

Submit to MarineSafetyPQS@uscg.mil by clicking the button