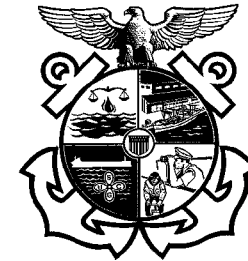


United States Coast Guard



**OFFSHORE SUPPLY VESSEL  
Job Aid**

<b>Name of Vessel</b>	
<b>Official Number</b>	<b>Class</b>
<b>Date Completed</b>	<b>Location</b>
<b>Vessel Built in Compliance with SOLAS: 60 74 74/78 N/A</b>	
<b>Route</b>	
<input type="checkbox"/> Oceans <input type="checkbox"/> Limited Coastwise <input type="checkbox"/> Lakes / Bays / Sounds	
<input type="checkbox"/> Coastwise <input type="checkbox"/> Great Lakes <input type="checkbox"/> Rivers	
<b>Inspection Type</b>	
<input type="checkbox"/> Inspection for Certification (COI) <input type="checkbox"/> Annual	
<input type="checkbox"/> Periodic <input type="checkbox"/> Drydocking	
<b>Inspectors</b>	
1. _____	3. _____
2. _____	4. _____

## Use of Offshore Supply Vessel (OSV) Job Aid:

This Job Aid is intended for use by qualified Coast Guard OSV Marine Inspectors for use on U.S. flagged OSVs during hull and machinery exams on vessels regulated under Subchapter L. For OSVs built prior to March 15, 1996, Subchapter I or Subchapter T may apply; therefore regulatory cites from the Hull, Machinery, or T-Boat Job Aid may be applicable. The tasks contained within this Job Aid are not intended to limit the scope or depth of inspection. A checked box should be a running record of what has been inspected and does not imply that the entire system has been inspected or that all or any items are in full compliance. This Job Aid does not constitute part of the official inspection record. This document does not establish or change federal laws or regulations and references given are only general guidance to the Marine Inspector. The Marine Inspector will need to refer to other publications such as the International Maritime Organization (IMO) resolutions, U.S. Codes of Federal Regulations (CFR), USCG Navigation and Vessel Inspection Circulars (NVIC) or locally produced guidance during the course of an inspection for specific regulatory references. Not all items in this Job Aid are applicable to all vessels.

**NOTE:** Guidance on how to conduct inspections of U.S. flagged OSVs can be found in the Marine Safety Manual (MSM) Volume II, Chapter 6: Inspection of Vessels for Certification.

### Pre-inspection Items:

- Review MISLE records.
  - VCP
  - COI
- Obtain copies of forms to be issued.

### Post-inspection Items:

- Issue letters/certificates to vessel.
- Complete MISLE Activity
  -
- Initiate Report of Violation (ROV) if necessary.

## Conversions:

<b>Distance and Energy</b>				
Kilowatts (kW)	X	1.341	=	Horsepower (hp)
Feet (ft)	X	3.281	=	Meters (m)
Long Ton (LT)	X	.98421	=	Metric Ton (t)
<b>Liquid (NOTE: Values are approximate.)</b>				
<i>Liquid</i>	<b>bb/LT</b>	<b>m<sup>3</sup>/t</b>	<i>bbl/m<sup>3</sup></i>	<b>bbl/t</b>
Freshwater	6.40	1.00	6.29	6.29
Saltwater	6.24	.975	6.13	5.98
Heavy Oil	6.77	1.06	6.66	7.06
DFM	6.60	1.19	7.48	8.91
Lube Oil	7.66	1.20	7.54	9.05
<b>Weight</b>				
1 Long Ton	=	2240 lbs	1 Metric Ton	= 2204 lbs
1 Short Ton	=	2000 lbs	1 Cubic Foot	= 7.48 gal
1 Barrel (oil)	=	5.61 ft = 42 gal = 6.29 m <sup>3</sup>	1 psi	= .06895 Bar = 2.3106 ft of water
<b>Temperature: Fahrenheit = Celsius (°F = 9/5 °C + 32 and °C = 5/9 (°F - 32))</b>				
0	=	-17.8	80	= 26.7
32	=	0	90	= 32.2
40	=	4.4	100	= 37.8
50	=	10.0	110	= 43.3
60	=	15.6	120	= 48.9
70	=	21.1	150	= 65.6
200	=	93.3	300	= 148.9
250	=	121.1	400	= 204.4
300	=	148.9	500	= 260
400	=	204.4	1000	= 537.8
<b>Pressure: Bars = Pounds per square inch</b>				
1 Bar	=	14.5 psi	5 Bars	= 72.5 psi
2 bars	=	29.0 psi	6 Bars	= 87.0 psi
3 Bars	=	43.5 psi	7 Bars	= 101.5 psi
4 Bars	=	58.0 psi	8 Bars	= 116.0 psi
9 Bars	=	130.5 psi	10 Bars	= 145.0 psi



## Administrative Items

### IMO Applicability Dates:

Reference	Date
SOLAS 1960	26 MAY 65
SOLAS 1974	25 MAY 80
1978 Protocol to SOLAS 1974	01 MAY 81
1981 Amendments (II-1 & II-2)	01 SEP 84
1983 Amendments (III)	01 JUL 86
<i>Various additional amendments to SOLAS</i>	
MARPOL 73/78 Annex I	02 OCT 83
MARPOL 73/78 Annex II	06 APR 87
MARPOL 73/78 Annex III	01 JUL 92
MARPOL 73/78 Annex V	31 DEC 88
IBC Code	After 01 JUL 86
BCH Code	Prior to 01 JUL 86
COLREGS 1972	15 JUL 77
<i>Various additional amendments to COLREGS</i>	
Load Line 1966	21 JUL 68
STCW 1978	28 APR 84
1991 Amendments	01 DEC 92
1994 Amendments	01 JAN 96
1995 Amendments	01 FEB 97

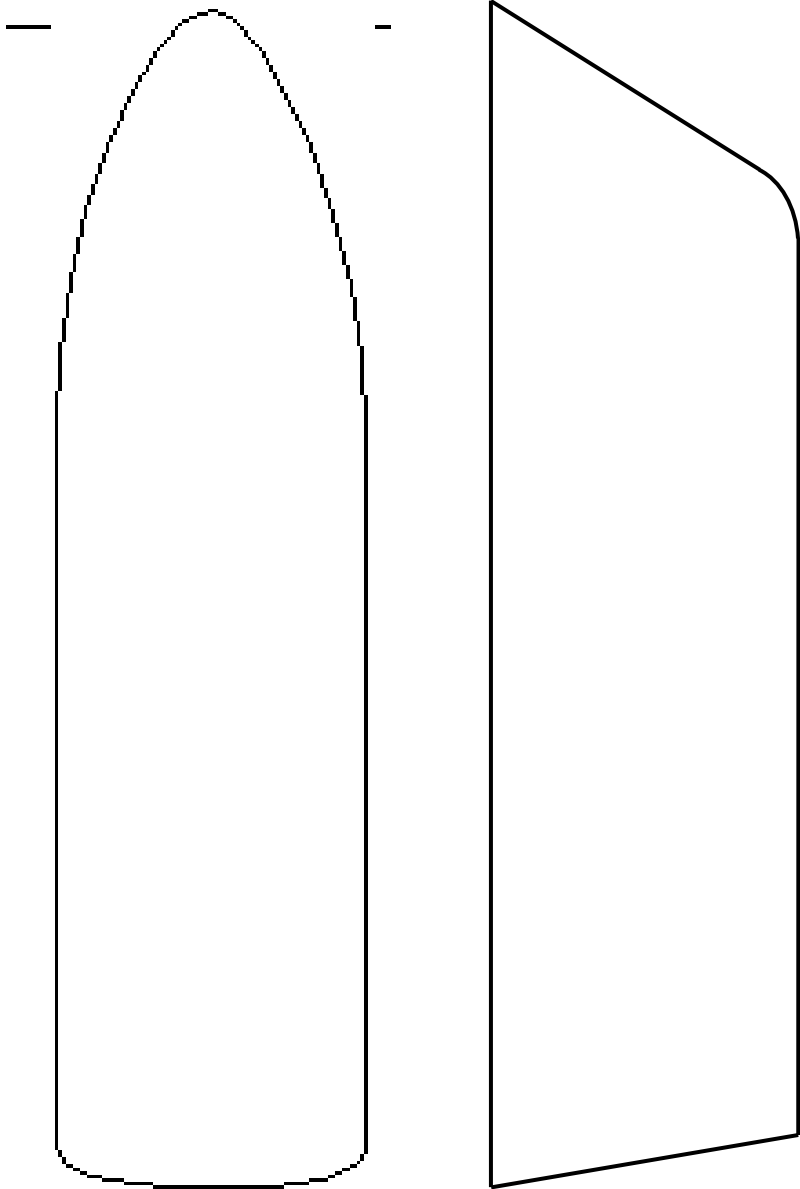
### Recommended US Vessel Deficiency Procedures:

Step	Action								
<b>1</b>	Identify deficiency.								
<b>2</b>	Inform vessel representative.								
<b>3</b>	Record on the <i>Deficiency Summary Worksheet</i> (next page).								
<b>4</b>	If deficiency is corrected prior to end of inspection, go to Step 7.								
<b>5</b>	<p>If deficiency is unable to be corrected prior to end of inspection, issue CG-835 in accordance with table below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">IF deficiency:</th> <th style="text-align: center;">THEN issue CG-835:</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <p>Does NOT immediately impact crew/passenger safety, hull seaworthiness, or the environment, e.g.,</p> <ul style="list-style-type: none"> <li>• Missing placards</li> <li>• Non-metallic expansion joints if more than 10 years in service</li> </ul> </td> <td style="vertical-align: top;"> <p>That provides a specific time for correcting deficiency, e.g.,</p> <ul style="list-style-type: none"> <li>• "X" number of days</li> <li>• At next drydock</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;"> <p>Allows vessel operations to be MODIFIED to meet less stringent requirements, e.g.,</p> <ul style="list-style-type: none"> <li>• Expired international certificates</li> <li>• Automation defect</li> <li>• Insufficient lifesaving equipment</li> </ul> </td> <td style="vertical-align: top;"> <p>That restricts operation of vessel to meet current vessel conditions, e.g.,</p> <ul style="list-style-type: none"> <li>• Reduced route</li> <li>• Increased crew</li> <li>• Fewer offshore workers</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;"> <p>DOES immediately impact crew/passenger safety, hull seaworthiness, or the environment, and cannot be modified to meet less stringent requirements, e.g.,</p> <ul style="list-style-type: none"> <li>• Missing or defective firefighting equipment</li> <li>• Structural defect or damage</li> </ul> </td> <td style="vertical-align: top;"> <p>That requires the deficiency to be corrected prior to operating vessel ("NO SAIL" item), e.g.,</p> <ul style="list-style-type: none"> <li>• Prior to carrying offshore workers</li> <li>• Prior to carrying cargo</li> </ul> </td> </tr> </tbody> </table>	IF deficiency:	THEN issue CG-835:	<p>Does NOT immediately impact crew/passenger safety, hull seaworthiness, or the environment, e.g.,</p> <ul style="list-style-type: none"> <li>• Missing placards</li> <li>• Non-metallic expansion joints if more than 10 years in service</li> </ul>	<p>That provides a specific time for correcting deficiency, e.g.,</p> <ul style="list-style-type: none"> <li>• "X" number of days</li> <li>• At next drydock</li> </ul>	<p>Allows vessel operations to be MODIFIED to meet less stringent requirements, e.g.,</p> <ul style="list-style-type: none"> <li>• Expired international certificates</li> <li>• Automation defect</li> <li>• Insufficient lifesaving equipment</li> </ul>	<p>That restricts operation of vessel to meet current vessel conditions, e.g.,</p> <ul style="list-style-type: none"> <li>• Reduced route</li> <li>• Increased crew</li> <li>• Fewer offshore workers</li> </ul>	<p>DOES immediately impact crew/passenger safety, hull seaworthiness, or the environment, and cannot be modified to meet less stringent requirements, e.g.,</p> <ul style="list-style-type: none"> <li>• Missing or defective firefighting equipment</li> <li>• Structural defect or damage</li> </ul>	<p>That requires the deficiency to be corrected prior to operating vessel ("NO SAIL" item), e.g.,</p> <ul style="list-style-type: none"> <li>• Prior to carrying offshore workers</li> <li>• Prior to carrying cargo</li> </ul>
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<b>6</b>	Enter CG-835 data in MISLE.								
<b>7</b>	Initiate Report of Violation (ROV) if necessary.								

Appendices

Bow

Vessel Layout:



Stern

**Involved Parties & General Information:**

Vessel's Representatives  _____  _____
--

Phone Numbers
---------------

Owner
<input type="checkbox"/> No Change

Operator—Listed on DOC (if applicable), or COFR
<input type="checkbox"/> No Change



- 161. Verify deficiency corrections MSM II/A2.C.4
- 162. Ensure completion of drydock examination MSM Vol. II

NOTES:

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## Section 2: Certificates and Documents

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endorse Date
Certificate of Documentation <input type="checkbox"/> No Change	USCG					
Classification Document <input type="checkbox"/> No Change						
Certificate of Financial Responsibility (COFR) <input type="checkbox"/> No Change	USCG					
Safety Construction (SLC) <input type="checkbox"/> No Change						
Safety Equipment (SLE) <input type="checkbox"/> No Change	USCG					
Safety Radio (SLT) <input type="checkbox"/> No Change						
Passenger Ship Safety (PSS) <input type="checkbox"/> No Change	USCG					
International Load Line (ILL) <input type="checkbox"/> No Change						

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endorse Date
International Oil Pollution Prevention (IOPP) <input type="checkbox"/> No Change						
International Tonnage (ITC) <input type="checkbox"/> No Change						
Safety Management (SMC) <input type="checkbox"/> No Change						
Document of Compliance (DOC) <input type="checkbox"/> No Change						
FCC Station License <input type="checkbox"/> No Change	FCC					
FCC Safety Certificate <input type="checkbox"/> No Change	FCC					
FCC Operations Permit <input type="checkbox"/> No Change	FCC					
FCC marine Radio Operator Permit <input type="checkbox"/> No Change	FCC					

Tasks	References
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- |                          |  |                                     |
|--------------------------|--|-------------------------------------|
| <input type="checkbox"/> | 148. Inspect fit-up for proper gap and alignment                     | 46 CFR 127.210<br>ABS Rules 2-4-1/3 |
| <input type="checkbox"/> | 149. Inspect back gouge of the root pass for cleanliness and defects | 46 CFR 127.210<br>ABS 2-4-1/5.9     |
| <input type="checkbox"/> | 150. Inspect welds for defects                                       | 46 CFR 127.210<br>ABS 2-4-1/5.15.1  |

**Nondestructive Testing Inspection**

- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | 151. Verify suspected surface(s) for satisfactory condition by nondestructive testing (NDT) using the liquid (dye) penetrant method  | 46 CFR 127.210<br>ABS 2-4-1/5.17        |
| <input type="checkbox"/> | 152. Verify suspected surface for satisfactory condition by nondestructive testing (NDT) using the magnetic particle method  | 46 CFR 127.210<br>ABS 2-4-1/5.17        |
| <input type="checkbox"/> | 153. Verify suspected surface for satisfactory condition by nondestructive testing (NDT) using the radiography (gamma rays or x-rays) method   | 46 CFR 127.210<br>ABS 2-4-1/5.17        |
| <input type="checkbox"/> | 154. Verify suspected surface(s) for satisfactory condition by nondestructive testing (NDT) using the ultrasonic method  | 46 CFR 127.210<br>ABS 2-4-1/5.17        |
| <input type="checkbox"/> | 155. Verify satisfactory condition of piping installation by nondestructive testing (NDT) using the hydro-static method  | 46 CFR 128.110(a)<br>46 CFR 56.97-30(e) |
| <input type="checkbox"/> | 156. Verify structural adequacy of the design and tightness of boundary welds, erection joints, and penetrations required to be watertight by nondestructive testing (NDT) using the pneumatic (air test) method | 46 CFR 127.210<br>ABS 3-7-1/5.5         |

**Follow Up Action**

- |                          |  |   |
|--------------------------|--|---|
| <input type="checkbox"/> | 157. Verify vessel compliance with the ISM Code    | 33 CFR 96.250<br>SOLAS Reg IX/3.2             |
| <input type="checkbox"/> | 158. Issue deficiencies                            | 46 USC 3313(b)<br>MSM II/A2.C.4.b             |
| <input type="checkbox"/> | 159. Endorse vessel's certificates (if applicable) | 46 CFR 126.510(a)(2)<br>SOLAS Reg I/14(i)(ii) |
| <input type="checkbox"/> | 160. Complete MISLE Activity                       | MSM I/12.G.2.a<br>MPS-PR-SEC-05               |



Tasks	References
<b><u>Drydock Examination</u></b>	
<b><u>Hull Examination</u></b>	
<input type="checkbox"/> 132. Inspect hull for satisfactory condition	46 CFR 126.140(a) 46 CFR 125.140 → 42.09-30
<input type="checkbox"/> 133. Inspect hull markings for proper conditions (i.e. loadline, draft marks, etc...)	46 CFR 131.210 - .230 46 CFR 67.120 & 69.177
<input type="checkbox"/> 134. Inspect main propulsion system propeller(s)	46 CFR 126.470 46 CFR 61.20-5(a)
<input type="checkbox"/> 135. Inspect tailshaft(s) and stern bearing(s)	46 CFR 126.470 → 61.20-17 46 CFR 58.01-5 → ABS 7-2-1/13
<input type="checkbox"/> 136. Inspect the rudder installation	46 CFR 128.110 → 58.01-5 ABS 3-2-14/1
<input type="checkbox"/> 137. Inspect hull appendages	46 CFR 126.470 → 58.01-5 ABS 7-4-1/1
<input type="checkbox"/> 138. Inspect anchor chain(s)	46 CFR 130.240 ABS 2-2-2/21
<input type="checkbox"/> 139. Inspect sea valve(s)	46 CFR 126.470 46 CFR 61.20-5(b)
<input type="checkbox"/> 140. Inspect non-propulsion thruster(s)	46 CFR 128.110 → 58.01-5 ABS 7-4-1/1 & 7-9-6/13
<input type="checkbox"/> 141. Verify if vessel qualifies to participate in the CG's underwater survey program (UWILD)	46 CFR 126.140(f) NVIC 01-89
<input type="checkbox"/> 142. Inspect hull for defects during an underwater survey	46 CFR 126.140(f) NVIC 01-89 Encl. 1/2.a
<b><u>Internal Structural Examination</u></b>	
<input type="checkbox"/> 143. Verify confined spaces are safe for entry	29 CFR 1915.12(f) CIM 5100.47/6.G.9.c
<input type="checkbox"/> 144. Inspect vessel's internal structures	46 CFR 126.140(c) 46 CFR 125.140 → 42.09-30
<b><u>Welding Repair Inspection</u></b>	
<input type="checkbox"/> 145. Evaluate structural repair proposals for compliance with minimum standards	46 CFR 125.140 → 42.09-45 46 CFR 127.210 → ABS 7-A-4/17
<input type="checkbox"/> 146. Verify that the welding procedure qualification record(s) (PQR) can support the intended welding process	46 CFR 128.110(a) 46 CFR 57.02-2(a)(1)
<input type="checkbox"/> 147. Verify that the welder is qualified to perform the repair work	46 CFR 128.110(a) 46 CFR 57.02-2(a)(1)

Tasks	References
<b><u>Pre-inspection</u></b>	
<input type="checkbox"/> 1. Research vessel details in MISLE (Marine Information for Safety and Law Enforcement) information system	MSM I/12.G.5
<input type="checkbox"/> 2. Coordinate inspection with vessel's representative	MPS-PR-SEC-01
<input type="checkbox"/> 3. Schedule vessel inspection activity in MISLE (Marine Information for Safety and Law Enforcement) information system	MPS-PR-SEC-04 MSM I/12.F
<input type="checkbox"/> 4. Conduct meeting with vessel's representative to discuss scope of the inspection	MPS-PR-SEC-04
<b><u>Documentation Inspection</u></b>	
<input type="checkbox"/> 5. Review Certificate of Inspection (COI)	46 CFR 126.240
<input type="checkbox"/> 6. Review international convention certificates	46 CFR 2.01-25 SOLAS Annex 1
<input type="checkbox"/> 7. Review documentation to ensure FCC compliance	46 CFR 130.210 47 CFR 80.155, .1005, & .1067
<input type="checkbox"/> 8. Examine stability letter, book, and loading criteria	46 CFR 127.230 46 CFR 170.110 & .120
<input type="checkbox"/> 9. Review crews' credentials	46 CFR 131.920 46 CFR 15.515
<input type="checkbox"/> 10. Verify compliance of drug and alcohol program	46 CFR 16.401
<input type="checkbox"/> 11. Examine maintenance and service records (liferrafts and firefighting)	46 CFR 132.350 SOLAS Reg II-2/14.2
<input type="checkbox"/> 12. Verify compliance with NLS carriage requirements	46 CFR 125.120(c) 33 CFR 151.30 → .33-.37
<input type="checkbox"/> 13. Verify compliance with anti-fouling system (AFS) convention	33 USC 3821 AFS Reg 2
<b><u>Logs and Manuals Inspection</u></b>	
<input type="checkbox"/> 14. Verify compliance with STCW standards regarding watchkeeping	46 CFR 11.202 STCW Code Section A-VIII/1 & 2
<input type="checkbox"/> 15. Review vessel's logbook	46 CFR 131.620(b) 33 CFR 164.25
<input type="checkbox"/> 16. Review radio logs	46 CFR 130.210 47 CFR 80.409(f)
<input type="checkbox"/> 17. Review lifesaving equipment maintenance record	46 CFR 131.580 46 CFR 131.545

Tasks	References
<input type="checkbox"/> 18. Review abandon ship and fire fighting training manual	46 CFR 131.530 SOLAS Reg II-2/15.2.3
<input type="checkbox"/> 19. Review cargo securing manual	46 CFR 127.230 46 CFR 170.110
<input type="checkbox"/> 20. Review refuse (garbage) logs and waste management plan	33 CFR 151.55 MARPOL Reg V/9
<input type="checkbox"/> 21. Review Oil Record Book (ORB)	46 CFR 131.935 33 CFR 151.25(h)
<input type="checkbox"/> 22. Review Shipboard Oil Pollution Emergency Plan (SOPEP)	46 CFR 131.935 33 CFR 151.09
<input type="checkbox"/> 23. Review Non-Tank Vessel Response Plan (NTVRP)	46 CFR 131.935 33 USC 1321(a)(26)
<input type="checkbox"/> 24. Verify transfer procedures	46 CFR 131.935 33 CFR 155.720
<input type="checkbox"/> 25. Review automation test procedures	46 CFR 130.400 46 CFR 127.110(f)

### Bridge/Navigation Inspection

<input type="checkbox"/> 26. Verify proper operations of internal communication and control systems	46 CFR 129.110 46 CFR 113.35
<input type="checkbox"/> 27. Inspect radar(s)	46 CFR 130.310 Operation Manual
<input type="checkbox"/> 28. Inspect compass	46 CFR 130.340
<input type="checkbox"/> 29. Inspect required depth sounding/recording equipment	33 CFR 164.35(h) SOLAS Reg V/19.2.3.1
<input type="checkbox"/> 30. Inspect the electronic position-fixing device (satellite navigation (GPS) receiver)	46 CFR 130.320 33 CFR 164.41(a)
<input type="checkbox"/> 31. Verify operation of Automated Identification System (AIS)	33 CFR 164.46 SOLAS Reg V/19.2.4.5
<input type="checkbox"/> 32. Verify Long Range Identification and Tracking Information (LRIT)	33 CFR 169.240 SOLAS Reg V/19-1.4.1
<input type="checkbox"/> 33. Inspect Global Maritime Distress and Safety System (GMDSS) equipment	46 CFR 130.210 47 CFR 80.1067
<input type="checkbox"/> 34. Verify compliance with the Bridge-to-Bridge Act	46 CFR 130.210 47 CFR 80.1003
<input type="checkbox"/> 35. Verify helm controls at Operating Station	46 CFR 130.110 46 CFR 130.440
<input type="checkbox"/> 36. Inspect navigation & signaling lights & dayshapes	46 CFR 129.430 46 CFR 129.110
<input type="checkbox"/> 37. Inspect sound signaling devices (whistle, bell, gong)	33 CFR 83.33 COLREG Rule 33
<input type="checkbox"/> 38. Verify navigational publications and nautical charts	46 CFR 130.330(a) 33 CFR 164.33(a)

Tasks	References
<input type="checkbox"/> 112. Inspect motor controllers	46 CFR 129.110 46 CFR 111.70-3
<input type="checkbox"/> 113. Ensure lighting system(s)/fixture(s) are adequate and meet requirements	46 CFR 129.110 46 CFR 111.75-15
<input type="checkbox"/> 114. Inspect emergency lighting	46 CFR 129.440(b) 46 CFR 111.75-15(c)(2)
<input type="checkbox"/> 115. Inspect distribution panel(s)	46 CFR 129.330(a)
<input type="checkbox"/> 116. Inspect electrical cable and fixtures	46 CFR 129.340(b) 46 CFR 129.110 → 111.60-5
<input type="checkbox"/> 117. Inspect components installed in designated hazardous locations	46 CFR 129.520 46 CFR 111.105-9

### Machinery Equipment Inspection

<input type="checkbox"/> 118. Inspect steering gear assembly and operation	46 CFR 126.430 MSM II C4.B
<input type="checkbox"/> 119. Inspect fuel oil service and transfer system	46 CFR 131.935 33 CFR 151.720(b)
<input type="checkbox"/> 120. Inspect main propulsion system(s)	46 CFR 126.470 46 CFR 61.20-3(a)
<input type="checkbox"/> 121. Inspect non-metallic expansion joints	46 CFR 128.110 46 CFR 61.15-12(a)
<input type="checkbox"/> 122. Witness operational test of main propulsion automation system	46 CFR 130.400 NVIC 1-78, Change 1
<input type="checkbox"/> 123. Inspect UPVs (Unfired Pressure Vessels)	46 CFR 128.110 46 CFR 54.10-20
<input type="checkbox"/> 124. Examine refrigeration/air conditioning system	46 CFR 128.410
<input type="checkbox"/> 125. Examine potable water system	21 CFR 1250.82 21 CFR 1250.82(c)
<input type="checkbox"/> 126. Inspect bilge pump(s) installation, piping, and valves	46 CFR 128.440 46 CFR 56.50-55(a) & (e)
<input type="checkbox"/> 127. Inspect ballast system	46 CFR 128.110 46 CFR 56.50-50

### Emergency Drills

<input type="checkbox"/> 128. Evaluate crew's ability to respond to a fire	46 CFR 131.535 SOLAS Reg III/19.2.1
<input type="checkbox"/> 129. Evaluate vessel's ability to recover a person(s) in the water	46 CFR 133.135(c)(1)
<input type="checkbox"/> 130. Evaluate crew's ability to abandon ship	46 CFR 131.530(b) SOLAS Reg III/19.3.3
<input type="checkbox"/> 131. Evaluate crew's ability to respond to a security incident	33 CFR 104.230(b)(2) ISPS Code A/9.4.4

Tasks	References
<input type="checkbox"/> 94. Inspect water mist system(s)	46 CFR 126.450
<input type="checkbox"/> 95. Inspect clean agent Fire extinguishing system(s)	46 CFR 132.350(c)(2)(i) 46 CFR 132.350(c)(2)(i) NFPA 2001 Section 1.5
<b><u>Cargo System Inspection</u></b>	
<input type="checkbox"/> 96. Inspect liquid cargo transfer system(s)	46 CFR 128.110 46 CFR 56.50-60
<input type="checkbox"/> 97. Verify portable tanks arrangement, condition, and approval	46 CFR 132.370 46 CFR 125.110(d)
<input type="checkbox"/> 98. Verify the compliance of packaged hazardous materials	46 CFR 125.130 49 CFR 176.3
<input type="checkbox"/> 99. Inspect cargo hoses and fittings	46 CFR 131.935 33 CFR 156.170(c)(1)
<input type="checkbox"/> 100. Inspect remote-operated valves and controls	46 CFR 56.50-1(g)(2)(i)
<b><u>Structural/Watertight Integrity Inspection</u></b>	
<input type="checkbox"/> 101. Inspect hatches and Class-1 watertight doors	46 CFR 125.140 & 127.230 46 CFR 42.15-10
<input type="checkbox"/> 102. Inspect Class 2 & 3 watertight doors	46 CFR 127.230 46 CFR 170.270(c)(2)
<input type="checkbox"/> 103. Inspect watertight bulkhead penetrations	46 CFR 127.230 46 CFR 174.190(b) & .195
<input type="checkbox"/> 104. Inspect side scuttles (port lights) and covers	46 CFR 125.140 46 CFR 42.15-65
<input type="checkbox"/> 105. Inspect hull structure	46 CFR 126.430 MSM II B1.B.1
<b><u>Electrical System Inspection</u></b>	
<input type="checkbox"/> 106. Inspect switchboard(s)	46 CFR 129.330(a)/(b)/(d)
<input type="checkbox"/> 107. Inspect ship's service generator(s) and prime mover(s)	46 CFR 129.310 - 315 SOLAS Reg II-1/41
<input type="checkbox"/> 108. Witness operational test of prime mover(s) for ship's service generator(s)	46 CFR 129.110 46 CFR 111.12-1 → 58.01-5
<input type="checkbox"/> 109. Inspect emergency generator(s) and prime mover(s)	SOLAS Reg II-1/43.3
<input type="checkbox"/> 110. Witness operational test of prime mover(s) for emergency generator(s)	46 CFR 129.110 46 CFR 112.50-1
<input type="checkbox"/> 111. Inspect battery installation	46 CFR 129.353

Tasks	References
<b><u>Security Inspection</u></b>	
<input type="checkbox"/> 39. Verify Vessel's Security Plan (VSP)	33 CFR 104.120(a)(1) SOLAS Reg XI-2/4.2
<input type="checkbox"/> 40. Examine security records	33 CFR 104.235(b)(1) SOLAS Reg XI-2/4.2
<input type="checkbox"/> 41. Verify security equipment	33 CFR 101.310 SOLAS Reg XI-2/6
<input type="checkbox"/> 42. Examine international security documents	33 CFR 104.297(b) ISPS Code A/19.2.1
<input type="checkbox"/> 43. Evaluate crew's knowledge of security plan	33 CFR 104.200(b)(2) SOLAS Reg XI-2/4.2
<b><u>Dynamic Positioning Operations Verification</u></b>	
<input type="checkbox"/> 44. Check vessel's Dynamic Positioning Operations	77 FR 62247
<b><u>Lifesaving Equipment Inspection</u></b>	
<input type="checkbox"/> 45. Inspect Emergency Position Indicating Radio Beacon (EPIRB)	46 CFR 133.60(a) 47 CFR 80.1061 (e) & (f)
<input type="checkbox"/> 46. Inspect the general emergency alarm system	46 CFR 113.25-5 SOLAS Reg III/6.4.2
<input type="checkbox"/> 47. Inspect line throwing equipment	46 CFR 133.170 46 CFR 160.031 or 160.040
<input type="checkbox"/> 48. Inspect distress signals	46 CFR 133.60(b)(1) SOLAS Reg III/34
<input type="checkbox"/> 49. Inspect life jackets	46 CFR 133.70(b) SOLAS Reg III/4
<input type="checkbox"/> 50. Inspect workvest	46 CFR 131.710
<input type="checkbox"/> 51. Inspect immersion suits (if applicable)	46 CFR 133.70(c) SOLAS Reg III/4
<input type="checkbox"/> 52. Inspect (ring) life buoys	46 CFR 133.70(a) SOLAS Reg III/4
<input type="checkbox"/> 53. Inspect inflatable liferaft installations	46 CFR 133.105(a)(1)(i) SOLAS Reg III/4
<input type="checkbox"/> 54. Inspect lifefloat installations	46 CFR 133.105(a)(4)
<input type="checkbox"/> 55. Inspect Lifeboats	46 CFR 133.105(a)(6) SOLAS Reg III/4
<input type="checkbox"/> 56. Inspect rescue boat	46 CFR 133.135(a) SOLAS Reg III/4
<input type="checkbox"/> 57. Inspect rescue platform(s)	46 CFR 131.540

Tasks	References
<input type="checkbox"/> 58. Inspect davit(s)	46 CFR 131.540 SOLAS Reg III/20.2
<input type="checkbox"/> 59. Witness davit weight test	46 CFR 126.440 → 91.25-15 46 CFR 199.190(i)(5)
<b><u>Helo Deck Inspection</u></b>	
<input type="checkbox"/> 60. Inspect helo deck	NVIC 9-81 46 CFR 108.241
<input type="checkbox"/> 61. Inspect fire fighting system(s) for helo deck	46 CFR 132.320 46 CFR 108.487
<b><u>General Health and Safety Inspection</u></b>	
<input type="checkbox"/> 62. Inspect accommodations	46 CFR 127.280(a)(1)
<input type="checkbox"/> 63. Verify means of escape from accomodation, machinery, and other spaces	46 CFR 127.240(a) SOLAS Reg II-2/13.3.3
<input type="checkbox"/> 64. Inspect mess deck and galley spaces	46 CFR 131.515
<input type="checkbox"/> 65. Inspect paint lockers	46 CFR 132.310 SOLAS Reg II-2/10.6.3
<b><u>Pollution Prevention Inspection</u></b>	
<input type="checkbox"/> 66. Inspect pollution prevention equipment and documentation	46 CFR 131.935 MSM II/B6.D.1
<input type="checkbox"/> 67. Conduct an IOPP (MARPOL Annex I) survey	46 CFR 131.935 33 CFR 151.03
<input type="checkbox"/> 68. Inspect Oily Water Separator (OWS)	46 CFR 131.935 33 CFR 155.380
<input type="checkbox"/> 69. Inspect sewage system	46 CFR 131.940 33 CFR 159.57
<input type="checkbox"/> 70. Conduct garbage handling (MARPOL Annex V) survey	46 CFR 131.935 33 CFR 151.51 & .57
<input type="checkbox"/> 71. Conduct an IAPP (MARPOL Annex VI) survey	33 USC 1902(a) 40 CFR 1043.10
<input type="checkbox"/> 72. Conduct Vessel General Permit (VGP) compliance verification	46 CFR 131.935 FWPCA Section 402

Tasks	References
<b><u>Topside Equipment Inspection</u></b>	
<input type="checkbox"/> 73. Examine hull markings	46 CFR 131.210 46 CFR 67.123
<input type="checkbox"/> 74. Examine freeing ports and scuppers	46 CFR 127.230 46 CFR 174.215
<input type="checkbox"/> 75. Examine ground tackle and related equipment	46 CFR 130.240 ABS 7-3-2/1.1.7
<input type="checkbox"/> 76. Inspect mooring system and equipment	46 CFR 130.250 46 CFR 184.300
<input type="checkbox"/> 77. Inspect air ports, dead covers, and vent openings	46 CFR 127.250 46 CFR 125.140
<input type="checkbox"/> 78. Inspect tank venting	46 CFR 128.110 46 CFR 56.50-85
<input type="checkbox"/> 79. Inspect guards, ladders, rails, and gangway(s)	46 CFR 127.310 - 330 46 CFR 42.15-75
<input type="checkbox"/> 80. Inspect cranes	46 CFR 126.130 46 CFR 107.259
<input type="checkbox"/> 81. Witness 5-year load test on crane(s)	46 CFR 125.130 46 CFR 107.260
<b><u>Firefighting System Inspection</u></b>	
<input type="checkbox"/> 82. Review approved Safety Plan (Fire-Control Plan)	46 CFR 127.110(a) SOLAS Reg II-2/15.2.4
<input type="checkbox"/> 83. Inspect areas for compliance with Structural Fire Protection (SFP) requirements	46 CFR 127.110(a)(3) SOLAS Reg II-2/15.2.4
<input type="checkbox"/> 84. Inspect fire boundary closures	46 CFR 129.110 & .540 46 CFR 111.103
<input type="checkbox"/> 85. Inspect fire main and pump	46 CFR 132.120(a) SOLAS Reg II-2/10.2.2.2.2
<input type="checkbox"/> 86. Inspect fire stations	46 CFR 132.100/130(k) & (n) SOLAS Reg II-2/10.2.3
<input type="checkbox"/> 87. Inspect portable firefighting equipment	46 CFR 131.945 SOLAS Reg II-2/15.2.4
<input type="checkbox"/> 88. Inspect semi-portable firefighting equipment	46 CFR 131.945 SOLAS Reg II-2/15.2.4
<input type="checkbox"/> 89. Inspect fire axes	46 CFR 132.360
<input type="checkbox"/> 90. Inspect fireman's outfit(s)	SOLAS Reg II-2/10.10.1 FSS Code 3.2.1
<input type="checkbox"/> 91. Inspect International Shore Connection	Fire-Control Plan
<input type="checkbox"/> 92. Inspect fire detection system	46 CFR 130.470 46 CFR 161.002-9
<input type="checkbox"/> 93. Inspect high pressure CO2 system(s)	MSM II C2.I.5