



**MODU HULL  
INSPECTION BOOK**

<b>Name of Vessel</b>											
<b>Official Number</b>	<b>Type of MODU</b>										
<b>Date Completed</b>	<b>Location</b>										
<p><b>Vessel Built in Compliance with:</b></p> <p><input type="checkbox"/> I-A</p> <p><input type="checkbox"/> NVIC 4-78</p> <p><input type="checkbox"/> 1979 MODU Code</p> <p><input type="checkbox"/> 1989 MODU Code</p>											
<p><b>Inspection Type</b></p> <table border="0"> <tr> <td><input type="checkbox"/> Initial Inspection for Certification (COI)</td> <td><input type="checkbox"/> Letter of Compliance</td> </tr> <tr> <td></td> <td>    ○ Option A</td> </tr> <tr> <td><input type="checkbox"/> Inspection for Certification (COI)</td> <td>    ○ Option B</td> </tr> <tr> <td></td> <td>    ○ Option C</td> </tr> <tr> <td><input type="checkbox"/> Reinspection</td> <td></td> </tr> </table>		<input type="checkbox"/> Initial Inspection for Certification (COI)	<input type="checkbox"/> Letter of Compliance		○ Option A	<input type="checkbox"/> Inspection for Certification (COI)	○ Option B		○ Option C	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Initial Inspection for Certification (COI)	<input type="checkbox"/> Letter of Compliance										
	○ Option A										
<input type="checkbox"/> Inspection for Certification (COI)	○ Option B										
	○ Option C										
<input type="checkbox"/> Reinspection											
<p><b>Inspectors</b></p> <p>1. _____ 3. _____</p> <p>2. _____ 4. _____</p>											

**Total Time Spent Per Activity:**

<b>Regular Personnel (Active Duty)</b>			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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<b>Reserve Personnel</b>			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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<b>Auxiliary Resources</b>	
TOTAL BOAT HOURS	TOTAL AIRCRAFT HOURS

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

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**Use of Hull Inspection Book:**

This inspection book is intended to be used as a job aid by Coast Guard marine inspectors during hull inspections of U.S. and foreign flagged MODUs. The lists contained within this book are not intended to limit the inspection. Each marine inspector should determine the depth of inspection necessary. A checked box should be a running record of what has been inspected. It 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. References given are only general guides. Refer to IMO publications, CFR's, NVIC's or any locally produced cite guides for specific regulatory references. Not all items in this book are applicable to all vessels.

***NOTE:** Guidance on how to conduct hull inspections of U.S. flagged vessels can be found in the Marine Safety Manual (MSM) Volume II, Chapter 6: Inspection of Vessels for Certification. All MSM cites listed in this book refer to MSM Volume II unless otherwise indicated.*

**Pre-inspection Items:**

**Post-inspection Items:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Review MSIS records.             <ul style="list-style-type: none"> <li>- MIPIP</li> <li>- MICOI</li> </ul> </li> <li>• Obtain copies of forms to be issued.</li> </ul> | <ul style="list-style-type: none"> <li>• Issue letters/certificates to vessel.</li> <br/> <li>• Complete MSIS entries.             <ul style="list-style-type: none"> <li>- MIAR</li> <li>- MSDS</li> <li>- MIDR</li> <li>- VFLD</li> <li>- VFID</li> </ul> </li> <li>• Initiate Report of Violation (ROV) if necessary</li> </ul> |
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Notes: \_\_\_\_\_  
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**Table of Contents:**

**Section 1: Administrative Items**

- IMO Applicability Dates..... 1
- Involved Parties & General Information..... 2
- Vessel Information..... 3
- Vessel Description..... 3

**Section 2: Certificates and Documents**

- Certificates..... 4
- Logs and Manuals..... 7
- Pollution Prevention Records..... 7

**Section 3: Inspection Items**

- Navigation Equipment..... 9
- General Health and Safety..... 11
- Structural Integrity..... 12
- Integral Cargo Tanks..... 14
- Ground Tackle..... 16
- Lifesaving Equipment..... 16
- Fire Protection..... 22
- Pollution Prevention..... 24

**Section 4: Drills**

- Fire Drill..... 26
- Abandon Ship Drill..... 27

**Section 5: Appendices**

- Recommended US Vessel Deficiency Procedures..... 28
- Deficiency Summary Worksheet..... 29
- Notes..... 31
- Conversions..... 34



**Deficiency Summary Worksheet:**

Name of Vessel

VIN

Deficiency	CFR Cite	Req't. Issued / Date Completed

**Involved Parties & General Information:**

Vessel's Representatives <hr/> <hr/>
Phone Numbers <hr/> <hr/>
Owner—Listed on DOC (if applicable), or COFR <hr/> <hr/> <hr/>
<input type="checkbox"/> No Change
Operator <hr/> <hr/> <hr/>
<input type="checkbox"/> No Change

**Vessel Information:**

Classification Society	
ISM Issuer: Same as above?  <input type="checkbox"/> Yes <input type="checkbox"/> No If not the same, which Recognized Organization? _____	
<i>NOTE: The period of validity for ISM documents should correspond to the following list. If they do NOT, ISM documents should be further investigated.</i>	
<input type="checkbox"/> 5 years = Full term (SMS and DOC) <input type="checkbox"/> 12 months = Interim (DOC)	
<input type="checkbox"/> 6 months = Interim (SMC) <input type="checkbox"/> 5 months = Short term (SMC)	
Gross Tons	<input type="checkbox"/> No Change (VFMD)
Net Tons	<input type="checkbox"/> No Change (VFMD)
Build Date (use delivery date)	<input type="checkbox"/> No Change (VFCD)
Overall Length (in feet)	<input type="checkbox"/> No Change (VFMD)

**MODU Description:**

<input type="checkbox"/> Independent leg jackup	<input type="checkbox"/> Drillship
<input type="checkbox"/> Mat-supported jackup	<input type="checkbox"/> Tension leg platform
<input type="checkbox"/> Submersible	<input type="checkbox"/> Spar
<input type="checkbox"/> Semi-submersible	<input type="checkbox"/> Other _____

**Deficiency Summary Worksheet:**

Name of Vessel	VIN	
Deficiency	MSIS Code	Req't. Issued / Date Completed



Abandon Ship Drill:

- |                             |                            |                               |
|-----------------------------|----------------------------|-------------------------------|
| General alarms / signals    | Familiarity with duties    | Boat release                  |
| Muster lists                | Provide equipment          | Boat operation                |
| Muster of crew / passengers | Familiarity with equipment | Egress procedures             |
| Crew response               | Lower lifeboat             | Davit-launched liferaft drill |
| Language understood by crew | Brake operation            | Communication w/ bridge       |
| Lifejackets                 | Engine start               | Lighting                      |

Location: \_\_\_\_\_ Time to Water: \_\_\_\_\_

(46 CFR 109.213(d), SOLAS 74/78 III/18.3; MSM Vol. II/22.C.7.h)

Notes: \_\_\_\_\_  
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Section 2: Certificates and Documents

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endors. Date
Certificate of Documentation <small><input type="checkbox"/> No Change</small>	USCG					
Classification Document <small><input type="checkbox"/> No Change</small>						
Certificate of Financial Responsibility (COFR) <small><input type="checkbox"/> No Change</small>	USCG					
Safety Construction (SLC) <small><input type="checkbox"/> No Change</small>						
Safety Equipment (SLE) <small><input type="checkbox"/> No Change</small>	USCG					
IMO MODU Code <small><input type="checkbox"/> No Change</small>						
International Oil Pollution Prevention (IOPP) <small><input type="checkbox"/> No Change</small>						
Safety Radio (SLT) <small><input type="checkbox"/> No Change</small>						

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endors. Date
<b>International Load Line (ILL)</b> <input type="checkbox"/> No Change						
<b>International Tonnage (ITC)</b> <input type="checkbox"/> No Change						
<b>Safety Management (SMC)</b> <input type="checkbox"/> No Change						
<b>IMO MODU Code</b> <input type="checkbox"/> No Change						
<b>Document of Compliance(DOC)</b> <input type="checkbox"/> No Change						

**Abandon Ship Drill:**

- |                             |                            |                               |
|-----------------------------|----------------------------|-------------------------------|
| General alarms / signals    | Familiarity with duties    | Boat release                  |
| Muster lists                | Provide equipment          | Boat operation                |
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Location: \_\_\_\_\_ Time to Water: \_\_\_\_\_

(46 CFR 109.213(d), SOLAS 74/78 III/18.3; MSM Vol. II/22.C.7.h)

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

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- MARPOL V placard posted 33 CFR 151.59
- Person-in-charge designation 33 CFR 155.700
- Prohibited oil spaces 33 CFR 155.470
- Emergency shutdown 33 CFR 155.780
- Deck lighting (self-propelled) 33 CFR 155.790
- Oil transfer hose 33 CFR 155.800
  - Condition
  - Markings
  - Hose assembly requirements
  - Tests and inspections
- Fuel tank vents 33 CFR 155.320
  - Flame screens
  - Closures
  - Pollution containment
- Garbage 33 CFR 151.63 MARPOL Ax. V/3
  - Shipboard garbage properly disposed

Notes: \_\_\_\_\_  
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**Certificates:**

- Exemption Certificate 46 CFR 107.413  
IMO MODU Code
- ISM Code SOLAS 74/78 IX/3  
46 CFR 107.415
  - Safety Management System
  - Shipboard Operations Plan
- Stability letter 46 CFR 78.12-1  
46 CFR 108.301  
ICLL Reg. 10(2)
- Annual drug and alcohol program audit 46 CFR Part 16
- Officers' licenses current 46 CFR 15.401
  - Verify Against COI or Safe Manning Certificate (if foreign)
- GMDSS endorsement 47 CFR Part 80
  - FCC Station License
  - Safety Radio Certificate
- GMDSS maintenance personnel 47 CFR 80.1074
  - 1st Class Radiotelegraph Operator's Certificate
  - 2nd Class Radiotelegraph Operator's Certificate
  - 3rd Class Radiotelegraph Operator's Certificate
- Required international safety convention certificates posted and valid SOLAS 74/78 Part III/Annex 3
- Liferaft servicing certificates 46 CFR 160.151-57(p)  
46 CFR 109.301(g)  
SOLAS 74/78 III/19.8
  - Annual service
- Fire protection appliances servicing certificates 46 CFR 109.223
  - Annual service
- Cargo Gear Certificate 46 CFR 107.258

Notes: \_\_\_\_\_  
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**Logs and Manuals:**

- Lifesaving equipment maintenance record 46 CFR 199.190(e)  
SOLAS 74/78 III/19
  - Periodic checks as required
  - Visual inspection of survival craft / rescue boat and launching appliances
  - Operation of lifeboat / rescue boat engines
  - Lifesaving appliances, including lifeboat equipment examined
  
- Emergency training and drills SOLAS 74/78 III/18  
46 CFR 109.213  
46 CFR 199.180  
SOLAS 74/78 III/18.5  
SOLAS 74/78 III/25
  - Onboard training in use of lifesaving equipment (all crew members and regularly assigned industrial personnel)
  - Logbook records
  - Fire and lifeboat drills
  - General alarm tested
  
- Bridge log (self-propelled) SOLAS 74/78 V/19  
STCW 95 I/14  
33 CFR 164.25  
33 CFR 164.53  
46 CFR 109.431
  - Pre-arrival tests conducted
  - Casualties (navigation equipment and steering gear failures reported)
  - Steering gear drills
  - Emergency steering drills
  
- Crane Operators Designated in Writing 46 CFR 109.527
  - Certified IAW API RP 2D

Notes: \_\_\_\_\_  
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- MARPOL V placard posted 33 CFR 151.59
- Person-in-charge designation 33 CFR 155.700
- Prohibited oil spaces 33 CFR 155.470
- Emergency shutdown 33 CFR 155.780
- Deck lighting (self-propelled) 33 CFR 155.790
- Oil transfer hose 33 CFR 155.800
  - Condition
  - Markings
  - Hose assembly requirements
  - Tests and inspections
- Fuel tank vents
  - Flame screens
  - Closures
  - Pollution containment 33 CFR 155.320
- Garbage 33 CFR 151.63  
MARPOL Ax. V/3
  - Shipboard garbage properly disposed

Notes: \_\_\_\_\_  
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Fixed fire extinguishing systems

- Controls, instructions, marking
- Alarms tested
- Piping
- Heads, distribution
- Bottles weighed annually
- Bottles hydrostatically tested (every 12 years)
- Flexible loops tested or replaced (10% per year)
- Foam tanks (refilled or tested)
- Sea suction, strainers
- Fixed system tested
- Storage space / door
- Sprinkler head tank

46 CFR 108.403  
 46 CFR 108.431 -.477  
 46 CFR 108.430  
 SOLAS 74/78 II-2/21  
 MSM Ch. 18.I.9  
 NVIC 6-72, Change 1  
 NVIC 8-73

Type of system: (circle appropriate type)

Low Pressure CO2	High Pressure CO2	Halon	Foam	Sprinkler
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Fire main system

- Pumps
- Piping
- Cut-off valves
- Drains

46 CFR 108.401  
 46 CFR 108.415 -.429  
 46 CFR 109.329  
 46 CFR 109.333  
 NVIC 6-72, Change 1  
 SOLAS 74/78 II-2/4  
 SOLAS 74/78 II-2/21

Fire stations

- Hydrants (2 effective streams)
- Nozzles and spanners
- Fog applicators (<6 feet in length, in engine room)
- Hose
  - UL approved
  - Correct length
- Markings
- Equipment compatible

46 CFR 108.423 -.427  
 46 CFR 109.331  
 NVIC 6-72, Change 1  
 SOLAS 74/78 II-2/4  
 SOLAS 74/78 II-2/21

Total length of all hose tested \_\_\_\_\_

- Hydrostatically tested to at least 100 psi
- Proper threads
- Approved hose

46 CFR 107.257  
 MSM Ch. 18.I.6

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

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Citizenship Requirements

- All Employees are U.S. Citizens

33 CFR 141.15

Crane Operators Designated in Writing

- Certified IAW API RP 2D

46 CFR 109.527

Marine Operations Manual

- Approved

46 CFR 109.121  
 IMO MODU Code

Emergency Evacuation Plan

- Valid for Location
- USCG Approved

33 CFR 146.210

FCC Station License

- Correct Call Sign

Shipboard Oil Pollution Emergency Plan

- Immediate Actions List

MARPOL Ax. I/26.1  
 33 CFR 151.26

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

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### Section 3: Inspection Items

#### Navigation Equipment:

- Navigation publications (as applicable)
  - Current and corrected charts
  - U.S. Coast Pilot
  - Sailing directions
  - Coast Guard Light List
  - Notice to mariners
  - Tide tables
  - Tidal current tables
  - International Rules of the Road
  - Inland Rules of the Road
  
- Operationally test radar(s) and ARPA (self-propelled)
  - 2 required if over 10,000 GT
  - Operate independently
  - ARPA acquires targets
  
- Compasses (self-propelled)
  - Illuminated gyrocompass with repeater at stand
  - Illuminated magnetic compass
  - Current deviation table
  
- Test electronic depth sounding device and recorder (self-propelled)
  - Accurate readout
  - Test all transducers
  - Continuous recorder (chart)
  
- Speed and distance indicator (self-propelled)
  
- Propulsion shaft tachometer (self-propelled)

33 CFR 164.33  
SOLAS 74/78 V/20  
46 CFR 109.565

33 CFR 164.35  
33 CFR 164.37  
33 CFR 164.38  
46 CFR 108.717  
SOLAS 74/78 V/12

33 CFR 164.35  
46 CFR 108.715  
SOLAS 74/78 V/12

33 CFR 164.35  
SOLAS 74/78 V/12

33 CFR 164.40  
SOLAS 74/78 V/12

SOLAS 74/78 V/12

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
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- Fixed fire extinguishing systems
  - Controls, instructions, marking
  - Alarms tested
  - Piping
  - Heads, distribution
  - Bottles weighed annually
  - Bottles hydrostatically tested (every 12 years)
  - Flexible loops tested or replaced (10% per year)
  - Foam tanks (refilled or tested)
  - Sea suction, strainers
  - Fixed system tested
  - Storage space / door
  - Sprinkler head tank

46 CFR 108.403  
46 CFR 108.431 -.477  
46 CFR 108.430  
SOLAS 74/78 II-2/21  
MSM Ch. 18.I.9  
NVIC 6-72, Change 1  
NVIC 8-73

Type of system: (circle appropriate type)				
Low Pressure CO <sub>2</sub>	High Pressure CO <sub>2</sub>	Halon	Foam	Sprinkler

- Fire main system
  - Pumps
  - Piping
  - Cut-off valves
  - Drains
  
- Fire stations
  - Hydrants (2 effective streams)
  - Nozzles and spanners
  - Fog applicators (<6 feet in length, in engine room)
  - Hose
    - UL approved
    - Correct length
  - Markings
  - Equipment compatible
  
- Total length of all hose tested \_\_\_\_\_
  - Hydrostatically tested to at least 100 psi
  - Proper threads
  - Approved hose

46 CFR 108.401  
46 CFR 108.415 - .429  
46 CFR 109.329  
46 CFR 109.333  
NVIC 6-72, Change 1  
SOLAS 74/78 II-2/4  
SOLAS 74/78 II-2/21

46 CFR 108.423 - .427  
46 CFR 109.331  
NVIC 6-72, Change 1  
SOLAS 74/78 II-2/4  
SOLAS 74/78 II-2/21

46 CFR 107.257  
MSM Ch. 18.I.6

Notes: \_\_\_\_\_  
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- Liferaft davit weight test
  - Light load
  - Full load: date \_\_\_\_\_
  
- Liferaft davit falls (date last renewed or end-for-ended)
   
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- Line-throwing apparatus
  - Equipment
  - Magazine
  - Type \_\_\_\_\_
  
- Lifebuoys
  - Lights
  - Lines
  - Smoke signals
  - Stowage and markings
  
- Lifejackets
   
Adult \_\_\_\_\_ Children \_\_\_\_\_
  - Retro-reflective tape
  - Lights and whistles
  - Work vests
  - Number of lifejackets rejected by inspector \_\_\_\_\_
  
- Lifejacket stowage
  - Required notices and markings
  - Stowage lockers
  - Wearing instructions
  - Location instructions (passenger vessels)
  - Stateroom notices posted
  
- Immersion suits
  - Condition
  - Retro-reflective material
  - Lights and whistles

46 CFR 199.45(b)  
 46 CFR 109.301(l)  
 SOLAS 74/78 III/19  
 MSM Ch. 6.R.3.a

46 CFR 199.190(j)  
 46 CFR 109.301(j)  
 SOLAS 74/78 III/48  
 MSM Ch. 6.R.3.a(1)

46 CFR 199.170  
 46 CFR 108.597  
 SOLAS 74/78 III/17.49  
 MSM Ch. 6.R.3.s

46 CFR 199.70(a)  
 46 CFR 108.580(a)  
 46 CFR 108.646(a)  
 46 CFR 108.649(e) –  
 (f)  
 SOLAS 74/78 III/7  
 SOLAS 74/78 III/21  
 SOLAS 74/78 III/27  
 MSM Ch. 6.R.3.i

46 CFR 199.70(b)  
 46 CFR 108.580(B)  
 46 CFR 108.649  
 SOLAS 74/78 III/7.2.2  
 MSM Ch. 6.R.3.m  
 MSM Ch. 6.R.3.q

46 CFR 199.70(b)  
 46 CFR 108.580(b)  
 SOLAS 74/78 III/7.2  
 46 CFR 199.80(c)  
 46 CFR 199.70(b)(2)  
 46 CFR 199.80(c)  
 46 CFR 199.217

46 CFR 199.273  
 46 CFR 108.580©  
 46 CFR 108.649  
 SOLAS 74/78 III/21.4  
 SOLAS 74/78 III/27.3  
 SOLAS 74/78 III/30.2.7  
 MSM Ch. 6.R.3.n

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

- Radio equipment (self-propelled, MODU Code)
    - Radios, RDF, Loran
    - Electronic position fixing device tested
    - GMDSS meets requirements for vessel operating area
  
  - Internal communications and control system
    - Telephones
    - Emergency loudspeaker system
    - Public address system
    - Bell pulls
    - Voice tubes
    - EOT failure alarms
    - Pilothouse controls
- Self-propelled
- 
- Navigation lights and signals
    - Control panels
    - Running lights
    - Anchor lights
    - Special day and night signals
    - Distress signals and stowage
    - Flag signals, international code
    - Whistle, light, bells, gongs
    - Day and night signal devices
    - Certificate of Alternate Compliance
  
  - Steering gear (self-propelled)
    - Main gear tested (all stations)
    - Auxiliary gear tested (all stations)
    - Instructions and markings
    - Rudder angle indicator
    - Illumination
    - Alarms
    - Block diagram
  
  - Maneuvering facts sheet with warning statements

33 CFR 26.03  
 SOLAS 74/78 V/7  
 SOLAS 74/78 V/12  
 33 CFR 164.41  
 NVIC 9-93

46 CFR 113.30  
 46 CFR 113.35

46 CFR 113.50

72 COLREGS

46 CFR 199.60

33 CFR 81.9

33 CFR 164.35  
 MSM Ch. 14.B

46 CFR 113.43

33 CFR 164.35

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

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- EPIRB 406 MHz (self-propelled, MODU Code)
  - Float-free arrangement
  - Battery date current
  - Hydrostatic release
 SOLAS 74/78 IV/7.1.6  
46 CFR 199.510  
46 CFR 108.650  
IMO MODU Code
- GMDSS lifeboat radios, VHF (self-propelled)
  - 3 if over 500 GT
  - Operable condition
 SOLAS 74/78 III/6.2
- 9 GHz radar transponder (SART)
  - Stowed so to be rapidly placed in survival craft or stowed in survival craft
 SOLAS 74/78 III/6.2  
46 CFR 108.650  
NVIC 9-93
- NAVTEX (self-propelled, MODU Code)
 SOLAS 74/78 IV/7.1.4  
IMO MODU Code

**General Health and Safety:**

- Hospital and first aid equipment
  - Hospital and first aid equipment
 46 CFR 108.707  
46 CFR 108.209 - .210
- Litter, usable in helicopter
  - Litter, usable in helicopter
 46 CFR 108.709
- Emergency lighting
  - Emergency lighting
 46 CFR 112.43
- Crew accommodations
  - Size
  - Lighting and wiring
  - Heating and ventilation
  - Sanitation
  - Insulation
  - Fire retardant
  - Locker for each man
 46 CFR 72.20  
46 CFR 72.25  
MSM Ch. 13.C  
46 CFR 108.193 - .215
- Workplace safety and health
  - Eye, face, head and foot protection
  - Respiratory protection
  - Safety belts and lifelines
 33 CFR 140 and 142  
ANSI Z87.1, 89.1, 41  
ANSI Z88.2, Sec.6 - 7  
ANSI A10.14

Notes: \_\_\_\_\_  
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- Liferaft davit weight test
  - Light load
  - Full load: date \_\_\_\_\_
 46 CFR 199.45(b)  
46 CFR 109.301(i)  
SOLAS 74/78 III/19  
MSM Ch. 6.R.3.a
- Liferaft davit falls (date last renewed or end-for-ended)
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
 46 CFR 199.190(j)  
46 CFR 109.301(j)  
SOLAS 74/78 III/48  
MSM Ch. 6.R.3.a(1)
- Line-throwing apparatus
  - Equipment
  - Magazine
  - Type \_\_\_\_\_
 46 CFR 199.170  
46 CFR 108.597  
SOLAS 74/78 III/17.49  
MSM Ch. 6.R.3.s
- Lifebuoys
  - Lights
  - Lines
  - Smoke signals
  - Stowage and markings
 46 CFR 199.70(a)  
46 CFR 108.580(a)  
46 CFR 108.646  
46 CFR 108.649(e) - (f)  
SOLAS 74/78 III/7  
SOLAS 74/78 III/21  
SOLAS 74/78 III/27  
MSM Ch. 6.R.3.i
- Lifejackets
  - Adult \_\_\_\_\_ Children \_\_\_\_\_
  - Retro-reflective tape
  - Lights and whistles
  - Work vests
  - Number of lifejackets rejected by inspector \_\_\_\_\_
 46 CFR 199.70(b)  
46 CFR 108.580(b)  
46 CFR 108.649  
SOLAS 74/78 III/7.2.2  
MSM Ch. 6.R.3.m  
MSM Ch. 6.R.3.q
- Lifejacket stowage
  - Required notices and markings
  - Stowage lockers
  - Wearing instructions
  - Location instructions (passenger vessels)
  - Stateroom notices posted
 46 CFR 199.70(b)  
46 CFR 108.580(b)  
46 CFR 108.646  
SOLAS 74/78 III/7.2  
46 CFR 199.80(c)  
46 CFR 199.70(b)(2)  
46 CFR 199.80(c)  
46 CFR 199.217
- Immersion suits
  - Condition
  - Retro-reflective material
  - Lights and whistles
 46 CFR 199.273  
46 CFR 108.580©  
46 CFR 108.649  
SOLAS 74/78 III/21.4  
SOLAS 74/78 III/27.3  
SOLAS 74/78 III/30.2.7  
MSM Ch. 6.R.3.n



- Disengaging apparatus examined or tested and marked as required\*
  - Universal joints
  - Safety latches
  - Hooks
  - Locking knuckles
  - Frame
 46 CFR 199.45(b)  
 46 CFR 109.301(l)  
 SOLAS 74/78 III/41  
 MSM Ch. 6.R.3.a
  
- Lifeboats\*
  - Engine operating test
  - Hull and fittings
  - Tanks and fittings
  - Cradles
  - Gripes
  - Compressed air cylinders
  - Markings
  - Cooling water pump
  - Ahead and astern test
  - Fuel tanks
  - Searchlight test (passenger vessels)
  - Annual fuel changed
  - Extinguishers serviced
 46 CFR 199.45(b)  
 SOLAS 74/78 III/41  
 MSM Ch. 6.R.3.e
  
- Radio installation for lifeboats complies with FCC and/or international convention (where required)
  - Portable
  - Fixed
 46 CFR 199.60  
 SOLAS 74/78 III/6  
 MSM Ch. 6.R.3.I
  
- Lifeboat operational test\*
 46 CFR 199.45(b)  
 SOLAS 74/78 III/19  
 MSM Ch. 6.R.3.a
  
- Davits
  - Foundations
  - Moving parts
  - Fittings
  - Fairleads, cleats, or cruciform bits
 46 CFR 160.032  
 46 CFR 108.550 - .557  
 SOLAS 74/78 III/48  
 MSM Ch. 6.R.3.a
  
- Falls (date last renewed or end-for-ended)
 \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 46 CFR 199.190(j)  
 SOLAS 74/78 III/48  
 MSM Ch. 6.R.3.a(1)

\* Items tested in conjunction with Abandon Ship Drill.

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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- Galley
  - Equipment
  - Sanitation
  - Ventilation
 MSM Ch. 6.P.8  
 MSM Ch. 13.C  
 46 CFR 72.05-50
  
- Means of escape from accommodation, machinery, and other spaces
  - Two required (some exceptions)
  - Dead end corridors
  - Absence of locks
 46 CFR 72.10  
 46 CFR 108.151 - .167  
 SOLAS 74/78 II-2/45
  
- Gas freeing for repairs
  - Current Gas Chemist Certificate for areas as required
  - Date \_\_\_\_\_
  - Chemist No. \_\_\_\_\_
 MSM Ch. 5.I  
 46 CFR 109.573

**Structural Integrity:**

- Hull structure (list inaccessible compartments or areas)
  - Decks
  - Shell
  - Bulkheads
  - Tank tops
  - Strength members
 46 CFR 72.01  
 46 CFR 108 Subpart A and B  
 ICLL 66 Reg. 1
  
- Hull openings and closures
  - Side ports
  - Air ports and dead covers
  - Refuse chutes
  - Hatch covers
  - Closing devices, gaskets
  - Light / water test
 46 CFR 42.15  
 MSM Ch. 6.F.5  
 ICLL 66 Regs. 12 - 23
  
- Deck openings and closures
  - Closing devices
  - Gaskets
  - Light / water test
 MSM Ch. 6.F.5  
 ICLL 66 Regs. 12 - 20

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

- Elevators 46 CFR 72.05-20  
46 CFR 111.91
  - Annually serviced
  
- Watertight doors in subdivision bulkhead tested by: 46 CFR 170.270  
46 CFR 108.114  
46 CFR 108.665
  - Local control by hand
  - Local control by power
  - Remote control by hand
    - Indicators
  - Remote control by power
    - Indicators
  
- Bulkhead penetrations MSM Ch. 6.F.6

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

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Item Number	Item	International Voyage		Other Than International Voyage	
		Lifeboat	Rescue Boat	Lifeboat	Rescue Boat
29	Signal, smoke	2		2	
30	Signal, hand flare	6		6	
31	Signal, parachute flare	4		4	
32	Skates and fenders <sup>8</sup>	1		1	
33	Sponge <sup>7</sup>		2		2
34	Survival instructions	1		1	
35	Table of lifesaving signals	1		1	
36	Thermal protective aids <sup>9</sup>	10%	10%	10%	10%
37	Tool kit	1		1	
38	Tow line <sup>10</sup>	1	1	1	1
39	Water (liters/person)	3		3	
40	Whistle	1	1	1	1

**Footnotes:**

- 1 Each rigid liferaft equipped for 13 persons or more must carry two of these items.
- 2 Not required for boats of self-bailing design.
- 3 Not required for inflated or rigid-inflated rescue boats.
- 4 A hatchet counts towards this requirement in rigid rescue boats.
- 5 Oars are not required on a free-fall lifeboat; a unit of oars means the number of oars specified by the boat manufacturer.
- 6 Rescue boats may substitute buoyant paddles for oars, as specified by the manufacturer.
- 7 Not required for a rigid rescue boat.
- 8 Required if specified by the boat manufacturer.
- 9 Sufficient thermal protective aids are required for at least 10% of the persons the survival craft is equipped to carry, but not less than two.
- 10 Required only if the lifeboat is also the rescue boat.

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

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- Lifeboat equipment and stowage  
(use table below to determine required equipment)

46 CFR 199.175  
46 CFR 108.575  
SOLAS 74/78 III/41

Item Number	Item	International Voyage		Other Than International Voyage	
		Lifeboat	Rescue Boat	Lifeboat	Rescue Boat
1	Bailer <sup>1</sup>	1	1	1	1
2	Bilge pump <sup>2</sup>	1		1	
3	Boathook	2	1	2	1
4	Bucket <sup>3</sup>	2	1	2	1
5	Can opener	3		3	
6	Compass	1	1	1	1
7	Dipper	1		1	
8	Drinking cup	1			
9	Fire extinguisher	1	1	1	1
10	First aid kit	1	1	1	1
11	Fishing kit	1			
12	Flashlight	1	1	1	1
13	Hatchet	2		2	
14	Heaving line	2	2	2	2
15	Jackknife	1		1	
16	Knife <sup>1,4</sup>		1		1
17	Ladder	1	1	1	1
18	Mirror, signalling	1		1	
19	Oars, units <sup>5,6</sup>	1	1		
20	Painter	2	1	2	1
21	Provisions (units/persons)	1			
22	Pump <sup>7</sup>		1		
23	Radar reflector	1	1		
24	Rainwater collection device	1			
25	Repair kit <sup>7</sup>		1		1
26	Sea anchor	1	1	1	1
27	Searchlight	1	1	1	1
28	Seasickness kit (units/person)	1		1	

- Hull marks

46 CFR 67.120  
46 CFR 108.657

- Name
- Hailing port
- Official number
- Net tonnage

- Draft marks and load line marks

46 CFR 78.50-10  
46 CFR 78.50-15  
46 CFR 108.661 - .663  
ICLL 66 Reg. 4-9

- Legible
- Properly sized
- Properly spaced
- Conform to certificate
- Legible

**Hull Equipment:**

- Heliport

46 CFR 108.231 - .241  
IMO MODU Code

- Accesses and construction
- Recessed tie downs
- Drainage
- Markings, visual aides
- Wind direction indicator
- Firefighting equipment

- Cranes

46 CFR 107.258 - .260

- Pedestal structure
- Swing table
- Wire drums
- Controls and brakes
- Wire rope lines, blocks and hooks
- Instrument lighting
- Weight load chart
- Boom angle indicator
- API hand signal chart
- Cab condition
- Prime mover
- Peripheral handrails

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

**Ground Tackle:**

- Anchors 46 CFR 77.07  
46 CFR 108.705
  - Windlass
  - Capstans
- Mooring, standing and running gear (other than gear covered by Cargo Gear Certificate)

**Lifesaving Equipment:**

- General alarms 46 CFR 113.25  
SOLAS 74/78 III/6.4
  - Controls
  - Batteries and fuses
  - Tested
  - Markings
  - Bell locations audible
- Type of lifeboat 46 CFR 108 Subpart E
  - Davit launched
  - Free fall
- Lifeboats stripped, cleaned and inspected 46 CFR 199.190(f)  
46 CFR 109.301(f)
  - Date of annual servicing \_\_\_\_\_

Notes: \_\_\_\_\_  
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- Lifeboat equipment and stowage 46 CFR 199.175  
46 CFR 108.575  
SOLAS 74/78 III/41  
(use table below to determine required equipment)

Item Number	Item	International Voyage		Other Than International Voyage	
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3	Boathook	2	1	2	1
4	Bucket <sup>3</sup>	2	1	2	1
5	Can opener	3		3	
6	Compass	1	1	1	1
7	Dipper	1		1	
8	Drinking cup	1			
9	Fire extinguisher	1	1	1	1
10	First aid kit	1	1	1	1
11	Fishing kit	1			
12	Flashlight	1	1	1	1
13	Hatchet	2		2	
14	Heaving line	2	2	2	2
15	Jackknife	1		1	
16	Knife <sup>1,4</sup>		1		1
17	Ladder	1	1	1	1
18	Mirror, signaling	1		1	
19	Oars, units <sup>5,6</sup>	1	1		
20	Painter	2	1	2	1
21	Provisions (units/persons)	1			
22	Pump <sup>7</sup>		1		
23	Radar reflector	1	1		
24	Rainwater collection device	1			
25	Repair kit <sup>7</sup>		1		1
26	Sea anchor	1	1	1	1
27	Searchlight	1	1	1	1
28	Seasickness kit (units/person)	1		1	