



HULL INSPECTION BOOK

Name of Vessel	
Official Number	Class
Date Completed	Location
Vessel Built in Compliance with SOLAS: 60 74 74/78 N/A	
Route	
<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	
Inspection Type	
<input type="checkbox"/> Inspection for Certification (COI) <input type="checkbox"/> Reinspection	
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <input type="radio"/> Mid-Period <input type="radio"/> Other <input type="radio"/> First <input type="radio"/> Second <input type="radio"/> Third </div> <div style="width: 35%; border-left: 1px solid black; padding-left: 5px;"> Passenger vessels only </div> </div>	
Inspectors	
1. _____	3. _____
2. _____	4. _____

Total Time Spent Per Activity:

Regular Personnel (Active Duty)			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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Reserve Personnel			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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Auxiliary Resources	
TOTAL BOAT HOURS	TOTAL AIRCRAFT HOURS

Conversions:

Distance and Energy				
Kilowatts (kW)	X	1.341	=	Horsepower (hp)
Feet (ft)	X	3.281	=	Meters (m)
Long Ton (LT)	X	.98421	=	Metric Ton (t)
Liquid (NOTE: Values are approximate.)				
Liquid	bb/LT	m ³ /t	bb/m ³	bb/t
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
Weight				
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 ³	1 psi	= .06895 Bar = 2.3106 ft of water
Temperature: Fahrenheit = Celsius (°F = 9/5 °C + 32 and °C = 5/9 (°F - 32))				
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	250	= 121.1
300	=	148.9	300	= 148.9
400	=	204.4	400	= 204.4
500	=	260	500	= 260
1000	=	537.8	1000	= 537.8
Pressure: Bars = Pounds per square inch				
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

Section 5: Appendices

Recommended U.S. Vessel Deficiency Procedures:

Step	Action								
1	Identify deficiency.								
2	Inform vessel representative.								
3	Record on the <i>Deficiency Summary Worksheet</i> (next page).								
4	If deficiency is corrected prior to end of inspection, go to Step 7.								
5	<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: left;">IF deficiency:</th> <th style="text-align: left;">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"> • Missing placards • Non-metallic expansion joints more than 10 years in service </td> <td style="vertical-align: top;"> <p>That provides a specific time for correcting deficiency, e.g.,</p> <ul style="list-style-type: none"> • "X" number of days • At next drydock </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"> • Expired international certificates • Automation defect • Insufficient lifesaving equipment </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"> • Reduced route • Increased crew • Fewer passengers </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"> • Missing or defective firefighting equipment • Structural defect or damage </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"> • Prior to carrying passengers • Prior to carrying cargo </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"> • Missing placards • Non-metallic expansion joints more than 10 years in service 	<p>That provides a specific time for correcting deficiency, e.g.,</p> <ul style="list-style-type: none"> • "X" number of days • At next drydock 	<p>Allows vessel operations to be MODIFIED to meet less stringent requirements, e.g.,</p> <ul style="list-style-type: none"> • Expired international certificates • Automation defect • Insufficient lifesaving equipment 	<p>That restricts operation of vessel to meet current vessel conditions, e.g.,</p> <ul style="list-style-type: none"> • Reduced route • Increased crew • Fewer passengers 	<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"> • Missing or defective firefighting equipment • Structural defect or damage 	<p>That requires the deficiency to be corrected prior to operating vessel ("NO SAIL" item), e.g.,</p> <ul style="list-style-type: none"> • Prior to carrying passengers • Prior to carrying cargo
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6	Enter CG-835 data in MIDR.								
7	Enter deficiency data in MSDS.								
8	Initiate Report of Violation (ROV) if necessary.								

Endorse Date						
Exp. Date						
Issue Date						
Port Issued						
ID #						
Issuing Agency						
Name of Certificate	Passenger Ship Safety (PSS) <input type="checkbox"/> No Change	International Load Line (ILL) <input type="checkbox"/> No Change	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

- Shipboard oil pollution emergency plan
 - Approved by Coast Guard / class society
 - Contact numbers correct
 - Immediate Actions List
- Vessel response plan
(vessels carrying oil as secondary cargo)
 - Approved by Coast Guard
 - Annual review by owner / operator
- Oil transfer procedures
 - Posted
 - List of products carried by vessel
 - Description of transfer system including a line diagram of piping
 - Number of persons required on duty
 - Duties by title of each person
 - Means of communication
 - Procedures to top off tanks
 - Procedures to report oil discharges

MARPOL Ax. I/26.1
33 CFR 151.26

33 CFR 155.1030
33 CFR 155.1045

33 CFR 155.1065

33 CFR 155.1070

33 CFR 155.720

- Cargo oil containment
 - Size
 - Drains
 - Scupper closures
- Fuel oil containment
 - Portable
 - Fixed
- Prohibited oil spaces
- Emergency shutdown
- Deck lighting
- Oil transfer hose
 - Condition
 - Markings
 - Hose assembly requirements
 - Tests and inspections
- Fuel tank vents
 - Flame screens
 - Closures
 - Pollution containment
- Garbage
 - Shipboard garbage properly disposed

33 CFR 155.310

33 CFR 155.320

33 CFR 155.470

33 CFR 155.780

33 CFR 155.790

33 CFR 155.800

33 CFR 155.320

33 CFR 151.63
MARPOL Ax. V/3

Notes: _____

Notes: _____

- Passenger vessels: structural fire protection 46 CFR 72.05
SOLAS 74/78 II-2/23
 - Draft stops
 - Fire dampers
 - Bulkheads
 - Insulation
 - Ventilation
 - Penetrations
- Cargo and miscellaneous vessels: structural fire protection 46 CFR 92.07
SOLAS 74/78 II-2/42
 - Bulkheads
 - Insulation
- Fire doors and controls tested 46 CFR 72.05-25
46 CFR 92.07-10
SOLAS 74/78 II-2/46
SOLAS 74/78 II-2/47
 - Machinery space and stair towers
 - Not tied or blocked open
 - Installed closure devices working
- Remote controls to power ventilation marked and tested 46 CFR 111.103-1
- Closures for spaces protected by fixed smothering systems 46 CFR 76.15-35
46 CFR 95.15-35
- International shore connection 46 CFR 76.10-10(c)
46 CFR 95.10-10(c)
SOLAS 74/78 II-2/19

Pollution Prevention:

- Pollution placard posted 33 CFR 155.450
- MARPOL V placard posted 33 CFR 151.59
- Person-in-charge designation 33 CFR 155.700

Notes: _____

Section 3: Inspection Items

Navigation Equipment:

- Navigation publications (as applicable) 33 CFR 164.33
SOLAS 74/78 V/20
 - Current and corrected charts
 - U.S. Coast Pilot
 - Great Lakes 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 33 CFR 164.35
33 CFR 164.37
33 CFR 164.38
SOLAS 74/78 V/12
 - 2 required if over 10,000 GT
 - Operate independently
 - ARPA acquires targets
- Compasses 33 CFR 164.35
SOLAS 74/78 V/12
 - Illuminated gyrocompass with repeater at stand
 - Illuminated magnetic compass
 - Current deviation table
- Test electronic depth sounding device and recorder 33 CFR 164.35
SOLAS 74/78 V/12
 - Accurate readout
 - Test all transducers
 - Continuous recorder (chart)
- Speed and distance indicator 33 CFR 164.40
SOLAS 74/78 V/12
- Propulsion shaft tachometer SOLAS 74/78 V/12

Notes: _____

- Radio equipment**
 - Radios, RDF, Loran
 - Electronic position fixing device tested
 - GMDSS meets requirements for vessel operating area
- Internal communications and control system**
 - EOT failure alarms
 - Telephones
 - Voice tubes
 - Emergency loudspeaker system
 - Public address system
 - Bell pulls
 - Pilothouse controls
- 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**
 - 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. C4.F

46 CFR 113.43

33 CFR 164.35

Notes: _____

- 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 71.25-20(a)(2)
46 CFR 71.25-20(a)(3)
46 CFR 76.15
46 CFR 76.17
46 CFR 76.23
46 CFR 76.25
46 CFR 91.25-20(a)(2)
46 CFR 91.25-20(a)(3)
46 CFR 95.15
46 CFR 95.17
SOLAS 74/78 II-2/1
MSM Ch. C2.I.9
NVIC 6-72, Change 1
NVIC 8-73

Type of system: (circle appropriate type)				
Low Pressure CO ₂	High Pressure CO ₂	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 76.10
46 CFR 95.10
NVIC 6-72, Change 1
SOLAS 74/78 II-2/4
SOLAS 74/78 II-2/1

46 CFR 76.10-10
46 CFR 95.10-10
NVIC 6-72, Change 1
SOLAS 74/78 II-2/4
SOLAS 74/78 II-2/1

46 CFR 76.10-10
46 CFR 95.10-10
MSM Ch. C2.I.6
46 CFR 91.25-20(a)(4)
46 CFR 71.25-20(a)(4)

Notes: _____

- Placard of lifesaving signals
46 CFR 97.43
SOLAS 74/78 V/16
- Pilot ladder and hoists in good condition
SOLAS 74/78 V/17
- Station bill posted
46 CFR 199.80
SOLAS 74/78 III/8.3

Fire Protection Equipment:

- Fire control plan
 - Permanently posted
46 CFR 78.45-1
46 CFR 97.36-1
 - Copy permanently stored in weathertight container outside deckhouse
SOLAS 74/78 II-2/20
- Patrol system
 - Stations properly numbered and sealed
46 CFR 78.30-10
46 CFR 78.30-15
 - Key clock charts
46 CFR 95.05-1
- Fire detection systems
 - Smoke/fire alarms
46 CFR 76.05-1
46 CFR 95.05-1
 - Remote pull stations
SOLAS 74/78 II-2/13
SOLAS 74/78 II-2/11.8
 - Smoke/flame/heat detectors and sensors
SOLAS 74/78 II-2/53
NVIC 7-80
- Portable extinguishers
 - Serviced annually
46 CFR 76.50
46 CFR 95.50
 - Bottles hydrostatically tested (every 5 years)
SOLAS 74/78 II-2/6
 - Markings (weight and hydrostatic test date)
SOLAS 74/78 II-2/21
MSM Ch. C2.1.3
 - Spare charges, spare extinguishers
NVIC 7-70
NVIC 13-86
- Semiportable extinguishers
 - Serviced annually
46 CFR 76.50
46 CFR 95.50
 - Bottles hydrostatically tested (every 12 years)
SOLAS 74/78 II-2/6
 - Controls, instructions, markings
SOLAS 74/78 II-2/21
 - Hose and diffuser
MSM Ch. C2.1.4
 - Flexible loops tested or replaced (same as bottle)

Notes: _____

- EPIRB (406 MHz)
 - Float-free arrangement
 - Battery date current
 - Hydrostatic release
 SOLAS 74/78 IV/7.1.6
46 CFR 199.510
- GMDSS lifeboat radios (VHF)
 - 3 if over 500 GT
 - Operable condition
 SOLAS 74/78 III/6.2
- 9 GHz radar transponder (SART)
 - Freight vessels > 300 GT and < 500 require 1
 - Freight vessels > 500 GT and passenger vessels require 2
 - Stowed so to be rapidly placed in survival craft or stowed in survival craft
 SOLAS 74/78 III/6.2
NVIC 9-93
- NAVTEX
 - SOLAS 74/78 IV/7.1.4

General Health and Safety:

- Hospital and first aid equipment
 - 46 CFR 72.20-35
46 CFR 92.20-35
- Operating room explosion-proof
 - 46 CFR 111.105-37
- Emergency lighting
 - 46 CFR 112.43
- Protection of spaces specially suited for vehicles
 - 46 CFR 70.10-44
46 CFR 90.10-38
 - Gas detection systems
 - Electrical hazardous locations
- Crew and passenger accommodations
 - 46 CFR 72.20
46 CFR 72.25
46 CFR 92.20
 - Size
 - Lighting and wiring
 - Heating
 - Ventilation
 - 46 CFR 92.15-15
 - Sanitation
 - Screens
 - Insulation
 - Fire retardant

Notes: _____

- Galley
 - Equipment
 - Sanitation
 - Ventilation
- Means of escape from accommodation, machinery, and other spaces
 - Two required (some exceptions)
 - Dead end corridors
 - Absence of locks
- Gas freeing for repairs
 - Current Gas Chemist Certificate for areas as required
 - Date _____
 - Chemist No. _____

MSM Ch. B1.N.8

46 CFR 72.05-50

46 CFR 72.10
46 CFR 92.10
SOLAS 74/78 II-2/45

MSM Ch. A5.H

Structural Integrity:

- Hull structure (list inaccessible compartments or areas)
 - Decks
 - Shell
 - Bulkheads
 - Tank tops
 - Strength members
- Hull openings and closures
 - Side ports
 - Air ports and dead covers
 - Refuse chutes
 - Hatch covers
 - Closing devices, gaskets
 - Light / water test
- Deck openings and closures
 - Closing devices
 - Gaskets
 - Light / water test

46 CFR 72.01
46 CFR 92.01
ICLL 66 Reg. 1

46 CFR 42.15
MSM Ch. B1.E.5
ICLL 66 Regs. 12 - 23

MSM Ch. B1.E.5
ICLL 66 Regs. 12 - 20

Notes: _____

- Lifefloats and buoyant apparatus
 - Equipment
 - Stowage
 - Markings
- Line-throwing apparatus
 - Equipment
 - Required drills held
 - Magazine
 - Type _____
- Lifebuoys
 - Lights
 - Lines
 - Smoke signals
 - Stowage
 - Markings
- Lifejackets
 - Adult _____ Children _____
 - Retro-reflective tape
 - Lights
 - Whistles
 - Work vests
 - Stamped passed
 - 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

46 CFR 199.640

46 CFR 199.170
SOLAS 74/78 III/17.49

46 CFR 199.70(a)
SOLAS 74/78 III/7
SOLAS 74/78 III/21
SOLAS 74/78 III/27

46 CFR 199.70(b)
SOLAS 74/78 III/7.2.2
MSM Ch. C2.H.4

46 CFR 199.70(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 199.80(c)

46 CFR 199.273
SOLAS 74/78 III/21.4
SOLAS 74/78 III/27.3
SOLAS 74/78 III/30.2.7
MSM Ch. C2.H.5

Notes: _____

- Lifeboat winches
 - Brakes
 - Controls
 - Cranks
 - Covers
 - Limit switches and electrical controls

- Embarkation aids
 - Ladders
 - Access
 - Spans and lifelines
 - Illumination
 - Frapping and tricing lines

- Lifeboat weight test
 - Light load
 - Full load: date _____

- Liferafts
 - Launching instructions posted
 - Equipment and stowage
 - Annual service dates
 - _____
 - _____
 - _____
 - Hydro release service dates
 - _____
 - _____
 - _____
 - Weak link
 - Float free
 - Illumination
 - Markings
 - Capacities
 - Launching devices tested

46 CFR 199.199(i)
SOLAS 74/78 III/19
MSM Ch. C2.H.6

46 CFR 199.190(f)
SOLAS 74/78 III/11

46 CFR 199.45(b)
SOLAS 74/78 III/19
MSM Ch. B1.P

46 CFR 199.190
SOLAS 74/78 III/19
SOLAS 74/78 III/26
MSM Ch. C2.H.3
46 CFR 199.190(g)

46 CFR 199.190(h)
MSM Ch. C2.H.3

MSM Ch. C2.H.3

Notes: _____

- Guards, ladders, rails, and gangways (including accommodation ladders or pilot ladders)
 - Local control by hand
 - Local control by power
 - Remote control by hand
 - Indicators
 - Remote control by power
 - Indicators

- Elevators and escalators

- Watertight doors in subdivision bulkhead tested by:
 - Local control by hand
 - Local control by power
 - Remote control by hand
 - Indicators
 - Remote control by power
 - Indicators

- Cargo gear examined (in absence of Cargo Gear Certificate)
 - Records
 - Safe Working Load markings

- Exercise valves and controls
 - Bilge valves
 - Overboard discharge valves
 - Equalizing valves
 - Emergency shutoff valves
 - Scupper valves
 - Remote control
 - Reach rods

- Bilge wells, cofferdams, and suctions

- Bulkhead penetrations

- Piping protection
 - Removable guards (where required)
 - Cargo hold
 - Baggage spaces

46 CFR 72.40
46 CFR 92.25
ICLL 66 Reg. 25

46 CFR 72.05-20
46 CFR 111.91

46 CFR 170.270

46 CFR 91.37

46 CFR 78.17-5

46 CFR 56.50-50

MSM Ch. B1.E.6

MSM Vol. IV, Ch. 3.G.2.b

Notes: _____

- Hull marks 46 CFR 67.120
 - Name
 - Hailing port
 - Official number
 - Net tonnage
- Draft marks 46 CFR 78.50-10
46 CFR 97.40-10
 - Legible
 - Properly sized
 - Properly spaced
- Load line marks 46 CFR 78.50-15
46 CFR 97.40-15
ICLL 66 Reg. 4-9
 - Conform to certificate
 - Legible

Integral Cargo Tanks:

- Warning notices and signals posted 46 CFR 70.05-30
46 CFR 90.05-35
- Pumps 46 CFR 70.05-30
46 CFR 90.05-35
 - Pumps and controls
 - Relief valves
 - Piping-valves 46 CFR 111.105
 - Lighting and wiring
 - Cofferdams
- Cargo spaces 46 CFR 91.15-1
46 CFR 91.25-37
 - Trunks and hatches
 - Ullage openings
 - Liquid level gauges
 - Deck penetrations
 - Heating coils
 - Internal examination

Notes: _____

- Disengaging apparatus examined or tested and marked as required* 46 CFR 199.45(b)
SOLAS 74/78 III/41
MSM Ch. C2.H.2.b
 - Universal joints
 - Safety latches
 - Hooks
 - Locking knuckles
 - Frame
- Motor lifeboats* 46 CFR 199.45(b)
SOLAS 74/78 III/41
MSM Ch. C2.H.9
 - Engine operating test
 - Cooling water pump
 - Ahead and astern test
 - Fuel tanks
 - Searchlight test (passenger vessels)
 - Annual fuel changed
 - Extinguishers serviced
- Hand-propelled lifeboats* 46 CFR 199.45(b)
 - Flemming gear
 - Transmission oil
- Radio installation for lifeboats complies with FCC and/or international convention (where required)* 46 CFR 199.60
SOLAS 74/78 III/6
 - Portable
 - Fixed
- Lifeboat operational test* 46 CFR 199.45(b)
SOLAS 74/78 III/19
MSM Ch. C2.H.2.b
- Davits 46 CFR 160.032
SOLAS 74/78 III/48
MSM Ch. C2.H.6
 - Foundations
 - Moving parts
 - Fittings
 - Fairleads, cleats, or cruciform bits
- Falls (date last renewed or end-for-ended) 46 CFR 199.190(j)
SOLAS 74/78 III/48
MSM Ch. C2.H.8

* Items tested in conjunction with Abandon Ship Drill.

Notes: _____

Item Number	Item	International Voyage		Short 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 ⁸	1	1	1	1
33	Sponge ⁷		2		2
34	Survival instructions	1		1	
35	Table of lifesaving signals	1		1	
36	Thermal protective aids ⁹	10%	10%	10%	10%
37	Tool kit	1		1	
38	Tow line ¹⁰	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: _____

- Cargo piping 46 CFR 56.30
 - Expansion joints 46 CFR 56.35
 - Controls
 - Supports
 - Hoses-drip pans
 - Valves 46 CFR 56.20
- Cargo tank venting 46 CFR 70.05-30
 - Independent PV valves 46 CFR 90.05-35
 - Independent goosenecks
 - Flame screen
 - Closure device
- Explosion-proof fixtures 46 CFR 111.105
- Independent tanks, fixed, portable, or marine portable 46 CFR 98.30
 - External examination
 - Date of internal examination _____
 - Date of hydrostatic test _____
 - Metal information plate
 - Marking and labeling
 - Saddles; foundation and stowage
 - Piping and valves
 - Relief valves
 - Lifting fittings
 - Securing devices
 - Pump and controls
 - Cargo hose
 - Electrical grounding
 - Firefighting requirements
 - Authorized cargo

Notes: _____

Ground Tackle:

- Anchors 46 CFR 77.07
46 CFR 96.07
 - Tested
 - Windlass
 - Capstans
 - Automatic tensioning device
- Mooring, standing and running gear (other than gear covered by Cargo Gear Certificate) 46 CFR 91.37-70

Lifesaving Equipment:

NOTE: Exemptions and alternatives for vessels not subject to SOLAS can be found in 46 CFR 199.600.

- General alarms 46 CFR 113.25
SOLAS 74/78 III/6.4
 - Controls
 - Batteries and fuses
 - Tested
 - Markings
 - Bell locations audible
- Type of lifeboat
 - Davit launched
 - Free fall
- Lifeboats stripped, cleaned and inspected 46 CFR 199.190(f)
 - Date of annual servicing _____
- Lifeboats and work boats 46 CFR 199.201
46 CFR 199.202
46 CFR 199.261
46 CFR 199.262
SOLAS 74/78 III/19.2
SOLAS 74/78 III/26
MSM Ch. C2.H.2
46 CFR 199.176
 - Hull and fittings
 - Tanks and fittings
 - Cradles
 - Gripes
 - Compressed air cylinders
 - Markings

Notes: _____

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

Item Number	Item	International Voyage		Short International Voyage	
		Lifeboat	Rescue Boat	Lifeboat	Rescue Boat
1	Bailer ¹	1	1	1	1
2	Bilge pump ²	1		1	
3	Boathook	2	1	2	1
4	Bucket ³	2	1	2	1
5	Can opener	3		3	
6	Compass	1	1	1	1
7	Dipper	1		1	
8	Drinking cup	1		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 ^{1,4}		1		1
17	Ladder	1	1	1	1
18	Mirror, signalling	1		1	
19	Oars, units ^{5,6}	1	1	1	1
20	Painter	2	1	2	1
21	Provisions (units/persons)	1			
22	Pump ⁷		1		1
23	Radar reflector	1	1	1	1
24	Rainwater collection device	1		1	
25	Repair kit ⁷		1		1
26	Sea anchor	1	1	1	1
27	Searchlight	1	1	1	1
28	Seasickness kit (units/person)	1		1	