

**OFFSHORE SUPPLY VESSEL
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	
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

Recommended US 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	If deficiency is unable to be corrected prior to end of inspection, issue CG-835 in accordance with table below. <table border="1" data-bbox="226 500 930 1312"> <thead> <tr> <th>IF deficiency:</th> <th>THEN issue CG-835:</th> </tr> </thead> <tbody> <tr> <td> <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 if more than 10 years in service </td> <td> <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> <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> <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 offshore workers </td> </tr> <tr> <td> <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> <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 offshore workers 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 if 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 offshore workers 	<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 offshore workers 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.								

Section 1: Administrative Items

IMO Applicability Dates:

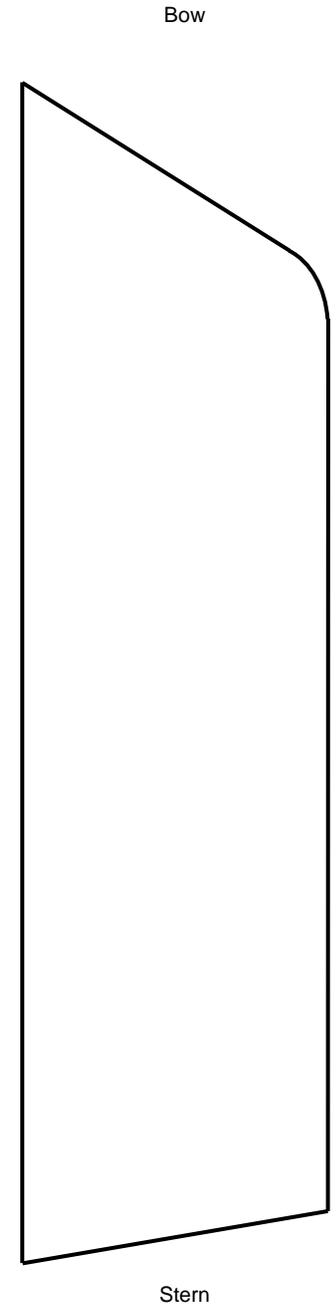
Reference	Date
SOLAS 1960	26 MAY 65
SOLAS 1974	25 MAY 80
1978 Protocol to SOLAS 1974	01 MAY 81
1981 Amendments (II-1 & II-2)	01 SEP 84
1983 Amendments (III)	01 JUL 86
<i>Various additional amendments to SOLAS</i>	
MARPOL 73/78 Annex I	02 OCT 83
MARPOL 73/78 Annex II	06 APR 87
MARPOL 73/78 Annex III	01 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

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

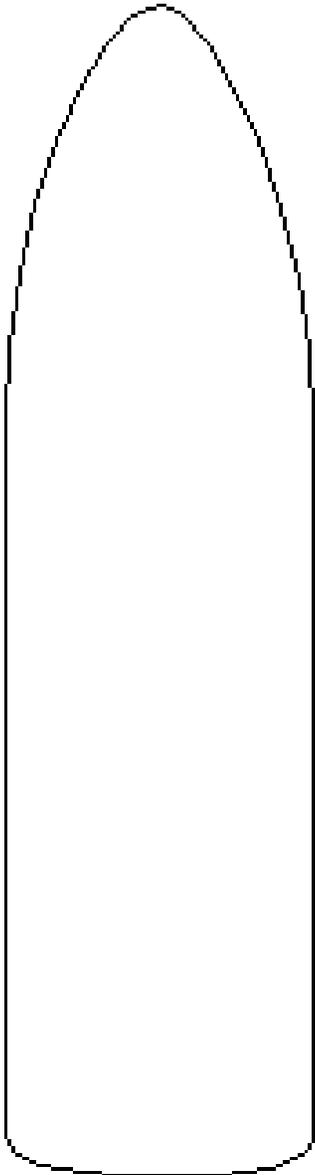


Section 6: Appendices

Vessel Layout:

Bow

- Ballast tanks
- Deckhouse location
- Deck cranes
- Fuel tanks
- Cargo tanks
- Peak tanks
- Legs



Stern

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)
Built Date (use delivery date)	<input type="checkbox"/> No Change (VFCD)
Overall Length (in feet)	<input type="checkbox"/> No Change (VFMD)

Certificates:

- COI posted
 - All pages visible 46 CFR 126.220
 - Number of offshore workers 46 CFR 126.240
- Stability letter posted 46 CFR 126.170
- Waste management plan (oceangoing vessels ≥ 40 feet) 46 CFR 131.930
ICLL Reg. 10(2)
- Annual drug and alcohol program audit 33 CFR 151.57
- Officers' licenses current 46 CFR Part 16
- 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
- Liferaft servicing certificates 46 CFR 160.151-57(p)
46 CFR 131.580
SOLAS 74/78 III/19.8
 - Annual service

Logs and Manuals:

- Bridge logbook 46 CFR 131.620
 - Casualties (navigation equipment and steering gear failures reported) 46 CFR 131.110
 - Steering gear test 46 CFR 131.505
 - Communications
 - Draft / load lines 46 CFR 131.510
 - Stability 46 CFR 131.513
 - Sanitary accommodations 46 CFR 131.515
 - Watertight fittings 46 CFR 131.520
 - Emergency lights / power 46 CFR 131.525
 - Fire and lifeboat drills 46 CFR 131.530

Notes: _____

Marine Sanitation Devices:

NOTE: Guidance for inspecting marine sanitation devices is detailed in MSM Volume II, Chapter C2.K. Vessels inspected under Subchapter L are required to meet 33 CFR Part 159.

- Marine sanitation device 33 CFR 159.55
MSM Ch. B6.F
 - Type I
 - Type II
 - Type III
- Certified for inspected vessels MSM Ch. B6.F.4
- Capacity satisfactory MSM Ch. C2.K.7.d
- Installation 33 CFR 159.57
MSM Vol. IV Ch. 3.K.1
 - Operation
 - Ventilation
 - Wiring and piping
 - Maintenance
 - Placard posted 33 CFR 159.59
 - Safety
 - Accessibility to parts requiring routine servicing
 - Manufacturer's instructions available

Notes: _____

Auxiliary Machinery:

- Bilge and ballast systems 46 CFR 128.440
 - Pumps
 - Eductors
 - Emergency bilge pump
 - Manifold, valves, and piping
 - Remote controls (hydraulic, pneumatic, manual, electric)
 - Strainers
 - Sounding and vent piping
 - Markings and indicators
 - Alarm
- Sea suctions and overboard discharges 46 CFR 130.460
- Nonmetallic expansion joints MSM Ch. B3.F
 - External exam
 - 10-year service replacement
- Compressed air system 46 CFR 58.30
 - Compressor
 - Controls and gauges
 - Relief valves
- Refrigeration and air conditioning systems 46 CFR 128.410
- Freshwater systems
 - Pumps
 - Valves and controls
 - Air cushion supply line

Notes: _____

- Lifesaving equipment maintenance record 46 CFR 131.545
SOLAS 74/78 III/19
- SOLAS training manual SOLAS 74/78 III/18.2
- Lifboat operating manual 46 CFR 134.170
 - Coast Guard approved
 - Understandable to crew
- Information available to master 46 CFR 78.17-20
46 CFR 97.15-5
SOLAS 74/78 II-1/22.1
 - Loading manual
 - Trim and stability book

Pollution Prevention Records:

- Oil record book (Part 1) MARPOL Ax. I/20
33 CFR 151.25
 - Each operation signed by person-in-charge
 - Each complete page signed by master
 - Book maintained for 3 years
- Shipboard oil pollution emergency plan MARPOL Ax. I/26.1
33 CFR 151.26
 - Approved by Coast Guard / class society
 - Contact numbers correct
 - Immediate Actions List
- Vessel response plan 33 CFR 155.1030
(vessels carrying oil as secondary cargo)
 - Approved by Coast Guard
 - Annual review by owner / operator
- Oil transfer procedures 33 CFR 155.720
 - 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

Notes: _____

Section 3: Inspection Items

Navigation Equipment:

- Navigation publications (as applicable)
 - Current and corrected charts
 - U.S. Coast Pilot
 - Coast Guard Light List
 - Notice to mariners
 - Tide tables
 - Tidal current tables

- Radar

- Compasses
 - Lighted magnetic compass
 - Current deviation table

- Test electronic depth sounding device

- Speed and distance indicator

- Propulsion shaft tachometer

- 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
 - Pilothouse controls

46 CFR 130.330
SOLAS 74/78 V/20

46 CFR 130.310
SOLAS 74/78 V/12

46 CFR 130.340
SOLAS 74/78 V/12

SOLAS 74/78 V/12

SOLAS 74/78 V/12

SOLAS 74/78 V/12

33 CFR 26.03
SOLAS 74/78 V/7
SOLAS 74/78 V/12
46 CFR 133.60
NVIC 9-93

46 CFR 113.30

46 CFR 113.35

46 CFR 113.50

Notes: _____

Safety valves

- Escape pipes
- Drains

46 CFR 52.01-120
MSM Vol. IV Ch. 3.1.2.c
46 CFR 56.50-25

Boiler	Date Set and Sealed	Pressure Setting

Fusible plugs

- Examined
- Renewed at this inspection

46 CFR 52.01-50
46 CFR Table 61.05-10
MSM Vol. IV Ch. 3.1.3.b

Boiler repairs in accordance 46 CFR Part 59

Low pressure heating boilers

- Safety or relief valves
- Gauges
- Thermometers
- Automatic controls
- Bottom blow off
- Water level indicator
- Connections
- Refractory

46 CFR 53.01
46 CFR 53.05
46 CFR 53.12

Periodic test and inspection of low pressure heating boilers in accordance with 46 CFR Table 61.05-10

Boiler Number	Date Hydrostatically Tested	Fireside	Waterside	External

Notes: _____

Pressure Vessels:

- Pressure vessels hydrostatically tested or internally examined 46 CFR 61.10
MSM Ch. B1.O
MSM Vol. IV Ch. 3.I.7

Service	MAWP	Date Tested or Examined Internally	Relief Valve Tested
			<input type="checkbox"/>

- Relief valve springs set within range 46 CFR 54.15-10(g)

Boilers:

- Automatic auxiliary boilers MSM Ch. B1.H
 - Controls and safety devices 46 CFR 63.15-1
 - Fuel systems 46 CFR 63.20
 - Alarms 46 CFR 63.15-3
 - Inspections / test 46 CFR 63.15-7
46 CFR 63.15-9

- Periodic test and inspection of boilers in accordance with 46 CFR Table 61.05-10

Boiler ID Number	Date Hydrostatically Tested	Date Mountings Opened	Date Mountings Removed and Studs Examined	Flt/aside	Waterside	External

Notes: _____

- Navigation lights and signals 46 CFR 111.75-17(d)
46 CFR 129.430
72 COLREGS
 - Control panels
 - Running lights
 - Anchor lights
 - Special day and night signals
 - Distress signals and stowage 46 CFR 133.60
 - Whistle, light, bells, gongs
 - Day and night signal devices
 - Certificate of Alternate Compliance 33 CFR 81.9
- Steering gear 46 CFR 130.130
46 CFR 130.140
MSM Ch. C4.F
 - Main gear tested (all stations)
 - Auxiliary gear tested (all stations)
 - Instructions and markings 46 CFR 131.845
 - Rudder angle indicator 46 CFR 131.850
 - Illumination
 - Alarms 46 CFR 130.460
 - Block diagram
- EPIRB (406 MHz) 46 CFR 133.60
SOLAS 74/78 IV/7.1.6
 - Float-free arrangement
 - Battery date current
 - Hydrostatic release
 - Marked with vessel name 46 CFR 131.890
- 9 GHz radar transponder (SART) SOLAS 74/78 III/6.2
NVIC 9-93
 - Vessels > 300 GT and < 500 require 1
 - Vessels > 500 GT require 2
 - Stowed so to be rapidly placed in survival craft, or stowed in survival craft

General Health and Safety:

- Emergency lighting 46 CFR 112.43
46 CFR 131.840
 - Markings

Notes: _____

- Accommodations
 - Size 46 CFR 127.280
 - Berthing
 - Seating
 - Ventilation 46 CFR 127.260
 - Lighting and wiring
 - Sanitation 46 CFR 131.515
 - Fire retardant
- Galley MSM Ch. B1.N.8
 - Equipment
 - Sanitation
 - Ventilation 46 CFR 127.260
- Means of escape from accommodation, machinery, and other spaces 46 CFR 127.240
SOLAS 74/78 II-2/45
 - Two required (some exceptions)
 - Dead end corridors
 - Absence of locks
- Gas freeing for repairs MSM Ch. A5.H
 - Current Gas Chemist Certificate for areas as required
 - Date _____
 - Chemist No. _____
- Liquefied petroleum gases for cooking and heating 46 CFR 129.550
46 CFR 61.15-10
 - Approved type
 - Cylinder
 - Test dates
 - Stowage
 - Safety relief device
 - Regulators
 - Piping and fittings
 - Location

Notes: _____

- Emergency generator tested 46 CFR 112.25
46 CFR 112.50
SOLAS 74/78 II-1/42-44
 - Starting system
 - Fuel system
 - Overspeed trip (> 110% < 115%)
 - Low oil pressure alarm / shutdown
 - High jacket water temperature alarm
 - Fixed firefighting system shutdown
- Batteries 46 CFR 129.350
46 CFR 129.356
 - Protection
 - Charger
 - Ventilation
- Adequate emergency power and lighting 46 CFR 129.440
46 CFR 129.450
MSM Ch. B1.C
 - Tested
- Internal communications and control system 46 CFR 133.60
 - General alarms
 - Power supply 46 CFR 113.25
46 CFR 129.530
 - Telephones 46 CFR 113.30
 - Fire detection and alarm systems 46 CFR 113.10
 - Steering gear alarm and indicator 46 CFR 113.43
46 CFR 130.110
- General electrical installation 46 CFR 111.01-1
SOLAS 74/78 II-1/40
46 CFR 129.340
 - Cable/wiring
 - Jury rigs
 - Connection boxes MSM Ch. B1.J.5.h
46 CFR 111.60-17
 - Dead-end cables 46 CFR 111.60-19
 - Splices
 - Grounding 46 CFR 111.05
 - Personnel safeguards 46 CFR 129.370
 - Hazardous locations 46 CFR 129.375
 - Portable electrical equipment 46 CFR 111.105
MSM Vol. IV Ch. 3.C.2.f
MSM Ch. B1.J.5.i

Notes: _____

Electrical Systems:

NOTE: Guidance for inspecting electrical system items is detailed in NVIC 2-89.

- Ship's service generators
 - Protective guards 46 CFR 110.10
 - Reverse power relay 46 CFR 111.12
 - Overspeed trip (> 110% < 115%) 46 CFR 129.315
 - Low oil pressure alarm / shutdown 46 CFR 129.320
- MSM Vol. IV Ch. 3.D.2 SOLAS 74/78 II-1/41
- Switchboards (including emergency) MSM Ch. B1.J.4.g
 - Automatic bus transfer 46 CFR 129.330
 - Ground detectors MSM Ch. B1.J.4.g
 - Personnel safeguards (guards, rails, mats, etc.) MSM Ch. B1.J.5.g
 - Drip shields
 - Warning notices posted
 - Circuit breaker ratings
- Panelboards 46 CFR 129.330
 - Overcurrent devices
 - Circuit directory
 - Locking device
- Motor controllers 46 CFR 111.70
 - Drip shields MSM Ch. B1.J.4.i
 - Disconnect switch
 - Wiring diagram posted
 - Remote shutdowns tested
- Ventilation systems 46 CFR 127.250
 - Remote shutdown tested SOLAS 74/78 II-1/48
 - Machinery space fans
- Ship's service lighting systems 46 CFR 111.75
 - Panelboards 46 CFR 111.40
 - Circuit directory
 - Circuit breakers
 - Globes and guards
 - Explosion-proof or watertight (where required) 46 CFR 129.410

Notes: _____

- Paint stowage
 - Fireproof/metal lined 46 CFR 127.220
 - Lighting/electrical 46 CFR 129.520
 - Fire protection 46 CFR 132.310
- Storerooms
 - Stowage
 - Fire hazards
 - Lighting and wiring

Structural Integrity:

- Hull structure (list inaccessible compartments or areas) 46 CFR 126.430
 - Decks ICLL 66 Reg. 1
 - Shell
 - Bulkheads
 - Tank tops
 - Strength members
 - Approved plans available 46 CFR 126.150
- Hull openings and closures 46 CFR 42.15
 - Air ports and dead covers MSM Ch. B1.E.5
 - Closing devices, gaskets ICLL 66 Regs. 12 - 23
 - Light/water test
 - Closed prior to departure 46 CFR 131.520
- Deck openings and closures MSM Ch. B1.E.5
 - Closing devices, gaskets ICLL 66 Regs. 12 - 20
 - Light/water test
 - Closed prior to departure 46 CFR 131.520
- Guards, ladders, rails, and gangways (including accommodation ladders or pilot ladders) 46 CFR 127.310
 - 46 CFR 127.320
 - 46 CFR 127.330
 - ICLL 66 Reg. 25

Notes: _____

- Watertight doors in subdivision bulkhead tested
 - Local and remote control
 - Alarms
 - Markings
 46 CFR 170.270
- Exercise valves and controls
 - Bilge valves
 - Overboard discharge valves
 - Emergency shutoff valves
 - Scupper valves
 - Remote controls
 - Reach rods
 46 CFR 131.893
46 CFR 115.804
- Bilge wells, cofferdams, and suctions
 46 CFR 56.50-50
- Bulkhead penetrations
 46 CFR 128.230
MSM Ch. B1.E.6
- Hull marks
 - Name
 - Hailing port
 - Official number
 - Net tonnage
 46 CFR 67.120
- Draft marks
 - Legible
 - Properly sized
 - Properly spaced
 46 CFR 131.220
- Load line marks
 - Conform to certificate
 - Legible
 46 CFR 131.230
ICLL 66 Regs. 4 - 9
- Cranes in absence of Cargo Gear Certificate
 - Records
 - Safe Working Load markings
 46 CFR 126.130

Notes: _____

Section 4: Machinery Inspection Items

Diesels:

- Propulsion machinery
 - Safety devices
 - Foundations
 - Guards
 - Propulsion controls
 46 CFR 58.05
SOLAS 74/78 II-1/27
46 CFR 130.120
- Main propulsion diesels
 - Fuel lines
 - Air starting lines
 - Exhaust system
 - Protective devices
 - Lube oil system
 - Engine protection
 - Remote shutdowns
 - Overspeed protection
 - Low lube oil
 - High temperature
 - Crank case
 - Explosion covers
 46 CFR 58.05
46 CFR 58.10
SOLAS 74/78 II-1/27
46 CFR 128.320
- Fuel systems
 - Service and transfer pumps
 - Remote shutoff valves
 46 CFR 56.50-65
- Automation
 - Reduced manning
 - Yes
 - No
 - Approved test procedure
 - Satisfactory test
 - Reviewed logs/records
 - Interviewed personnel
 46 CFR Part 62
SOLAS 74/78 II-1/46-54
MSM Vol. IV Ch. 3.L
NVIC 1-78, Change 1
NVIC 1-69
NVIC 6-84
46 CFR 62.50
46 CFR 62.30-10

Notes: _____

- Oily waste retention MSM Ch. B6.D.7
 - Bilge
 - Tank
- Ballast discharge 33 CFR 155.330
33 CFR 155.350
33 CFR 155.360
33 CFR 155.370
MSM Ch. B6.D.10
 - Acceptable processing equipment
- Oily bilge discharge 46 CFR 155.380
 - Piping system
 - Stop valve
 - Outlet
 - Pump stop
- Prohibited oil spaces 33 CFR 155.470
- Emergency shutdown 33 CFR 155.780
- Oil transfer hose 33 CFR 155.800
 - Condition
 - Markings
 - Hose assembly requirements
 - Record of tests and inspections
- Garbage 33 CFR 151.63
MARPOL Ax. V/3
 - Shipboard garbage properly disposed
- Discharge removal equipment 33 CFR 155.220

Notes: _____

Liftboats:

NOTE: Guidance for inspecting liftboats on OSVs is detailed in NVIC 8-91.

- Legs 46 CFR 134.140
 - Jacking points
 - Pin holes
- Jacking systems 46 CFR 134.150
 - Loss of power alarm
 - Low hydraulic fluid level alarm
- Freeboard markings 46 CFR 134.160
- Firemain suction 46 CFR 134.180
 - Distortion
 - Flanged
 - Attachments

Bulk Tanks:

- Bulk cargo pressure tanks internally examined 46 CFR 61.10
 - Pumps and controls
 - Relief valves
 - Piping-valves
 - Lighting and wiring
 - Cofferdams

Service	MAWP	Date Tested or Examined Internally	Relief Valve Tested
			<input type="checkbox"/>

Notes: _____

Integral Cargo Tanks:

- Pumps
 - Pumps and controls 33 CFR 155.780
 - Relief valves
 - Piping-valves
- Cargo piping 46 CFR 56.30
 - Expansion joints 46 CFR 56.35
 - Supports
 - Hoses 33 CFR 155.800
 - Valves 46 CFR 56.20
- Cargo tank venting 46 CFR 32.55
 - Independent goosenecks
 - Flame screen
 - Closure device
- Explosion-proof fixtures 46 CFR 111.105
- Independent tanks, fixed, portable, or marine portable 46 CFR 125.110 46 CFR 125.120
 - Approved marine portable tank 46 CFR Part 64
 - Approved IM portable tank 46 CFR 98.30-2
 - 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 46 CFR 132.370
 - Authorized cargo
 - Firefighting

Notes: _____

- Structural fire protection 46 CFR 127.220 SOLAS 74/78 II-2/42
 - Bulkheads
 - Insulation
- Remote controls to power ventilation marked and tested 46 CFR 111.103-1 46 CFR 129.540 46 CFR 131.896
- Closures for spaces protected by fixed smothering systems 46 CFR 127.250
- International shore connection SOLAS 74/78 II-2/19
- Fire axe 46 CFR 132.360 46 CFR 131.880
 - Markings
 - 1 axe if vessel is < 100 GT
 - 2 axes if vessel is > 100 GT

Pollution Prevention:

NOTE: Guidance for inspecting pollution prevention items is detailed in MSM Volume II, Chapter B6. Vessels inspected under Subchapter L are required to meet 33 CFR Parts 151, 155, and 156.

- Pollution placard posted 33 CFR 155.450 MSM Ch. B6.D.13
- MARPOL V placard posted 33 CFR 151.59
- Person-in-charge designation 33 CFR 155.700
- Fuel oil containment 33 CFR 155.320
 - Portable
 - Fixed
- Cargo oil containment
 - Size
 - Scupper closures
 - Drains

Notes: _____

- Fixed fire extinguishing systems
 - Controls and instructions
 - Alarms tested
 - Piping
 - Heads, distribution
 - Bottles weighed annually
 - Bottles hydrostatically tested (every 12 years)
 - Flexible loops tested or replaced (10% per year)
 - Markings
 - Storage space/door
 - Vent stops
- Fire main system and stations
 - 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
 - Approved hose
 - Markings
- Pumps
 - Controls and gauges
 - Relief valves

46 CFR 132.350
 SOLAS 74/78 II-2/21
 MSM Ch. C2.1.9
 NVIC 6-72, Change 1
 NVIC 8-73

46 CFR 131.815
 46 CFR 131.820
 46 CFR 131.825
 46 CFR 131.899

46 CFR 132.100
 NVIC 6-72, Change 1
 SOLAS 74/78 II-2/4
 SOLAS 74/78 II-2/21
 46 CFR 132.110
 46 CFR 132.130

46 CFR 132.100
 NVIC 6-72, Change 1
 SOLAS 74/78 II-2/4
 SOLAS 74/78 II-2/21
 MSM Ch. C2.1.9
 MSM Ch. C2.1.7

46 CFR 131.830

46 CFR 132.130
 46 CFR 132.350
 MSM Ch. C2.1.6

46 CFR 131.880

46 CFR 132.120

Notes: _____

Ground Tackle:

- Anchors
 - Tested
 - Windlass
 - Capstans
- Mooring and towing gear

46 CFR 130.240
 ABS Rules

46 CFR 130.250

Lifesaving Equipment:

NOTE: General maintenance and tests and inspections of lifesaving equipment is detailed in 46 CFR 131.545 and 46 CFR 133.45, respectively.

- General alarms
 - Controls
 - Batteries and fuses
 - Tested
 - Markings
 - Bell locations audible
 - Lights for high-noise areas
- Lifeboats stripped, cleaned, and inspected
 - Date of annual servicing _____
 - Hull and fittings
 - Tanks and fittings
 - Cradles
 - Gripes
 - Compressed air cylinders
 - Markings
- Rescue boat
 - Approved
 - Required equipment

46 CFR 113.25
 46 CFR 129.530

46 CFR 131.805
 46 CFR 131.810

46 CFR 113.25-10

46 CFR 133.105(a)(6)
 46 CFR 199.190(f)
 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

46 CFR 133.135

46 CFR 133.175

Notes: _____

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

46 CFR 133.175
SOLAS 74/78 III/41

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

Fire Protection Equipment:

NOTE: General maintenance, and test and inspection requirements of firefighting equipment are detailed in 46 CFR 131.590 and 46 CFR 132.350, respectively.

- Fire control plan 46 CFR 131.945
SOLAS 74/78 II-2/20
- Permanently posted
 - Copy permanently stored in weathertight container outside deckhouse
- Fire detection systems SOLAS 74/78 II-2/13
SOLAS 74/78 II-2/11.8
SOLAS 74/78 II-2/53
NVIC 7-80
46 CFR 130.470
- Smoke / fire alarms
 - Remote pull stations
 - Smoke / flame / heat detectors and sensors
- Portable extinguishers 46 CFR 132.210
46 CFR 132.220
SOLAS 74/78 II-2/6
SOLAS 74/78 II-2/21
MSM Ch. C2.1.3
NVIC 7-70&NVIC 13-86
46 CFR 131.835
46 CFR 132.230
- Annually serviced
 - Bottles hydrostatically tested (every 5 years)
 - Markings (weight and hydrostatic test date)
 - Spare charges, spare extinguishers

Location	Required		On Board	
	Number	Class	Number	Class

- Semiportable extinguishers 46 CFR 132.210
46 CFR 132.220
SOLAS 74/78 II-2/6
SOLAS 74/78 II-2/21
MSM Ch. C2.1.4
- Bottles weighed annually
 - Bottles hydrostatically tested (every 12 years)
 - Controls, instructions, markings
 - Hose and diffuser
 - Flexible loops tested or replaced (same as bottle)

Notes: _____

- Ring lifebuoys
 - Lights
 - Lines
 - Smoke signals
 - Markings
- Line-throwing apparatus
 - Equipment
 - Required drills held
 - Magazine
 - Type
- Lifejackets

Total _____

 - Retro-reflective tape
 - Lights
 - Whistles
 - Stowage
 - Number of lifejackets rejected by inspector _____
- Lifejacket stowage
 - Required notices and markings
 - Wearing instructions
- Work vests
 - Approved type
 - Stowage
- Immersion suits
 - Condition
 - Retro-reflective tape
 - Markings
- Placard of lifesaving signals
- Emergency instructions
- Station bill posted

46 CFR 133.70
SOLAS 74/78 III/7
SOLAS 74/78 III/21
SOLAS 74/78 III/27

46 CFR 131.875

46 CFR 133.170

46 CFR 133.70
SOLAS 74/78 III/7.2.2
MSM Ch. C2.H.4

46 CFR 131.875

46 CFR 133.70
SOLAS 74/78 III/7.2
46 CFR 131.875
46 CFR 133.80

46 CFR 131.720

46 CFR 131.710

46 CFR 131.730

46 CFR 133.70
SOLAS 74/78 III/21.4,
27.3, 30.2.7
MSM Ch. C2.H.5
46 CFR 131.875

46 CFR 131.950
SOLAS 74/78 V/16

46 CFR 133.80

46 CFR 131.350

Notes: _____

Item Number	Item	International (LB)/ Oceans (RB)		Short International (LB)/ Coastwise (RB)	
		Lifeboat (LB)	Rescue Boat (RB)	Lifeboat (LB)	Rescue Boat (RB)
28	Seasickness kit (units/person)	1			
29	Signal, smoke	2			
30	Signal, hand flare	6	1		
31	Signal, parachute flare	4			
32	Skates and fenders ⁶	1			
33	Sponge ⁵		6 2 4		
34	Survival instructions	1	1		
35	Table of lifesaving signals	1		2	
36	Thermal protective aids ⁷	10%	10%	10%	10%
37	Tool kit	1	1		
38	Tow line ⁸	1	1	1	1
39	Water (liters/person)	3	1		
40	Whistle	1	1	1	1

Footnotes:

- 3
- 1 Not required for boats of self-bailing design.
 - 2 Not required for inflated or rigid-inflated rescue boats.
 - 3 A hatchet counts towards this requirement in rigid rescue boats.
 - 4 Oars are not required on a free-fall lifeboat; a unit of oars means the number of oars specified by the boat manufacturer.
 - 5 Not required for a rigid rescue boat.
 - 6 Required if specified by the boat manufacturer.
 - 7 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.
 - 8 Required only if the lifeboat is also the rescue boat.

- Disengaging apparatus examined or tested and marked as required[†]
 - Universal joints
 - Safety latches
 - Hooks
 - Locking knuckles
 - Frame

46 CFR 199.45(b)
SOLAS 74/78 III/41
MSM Ch. C2.H.2.b

Notes: _____

Radio installation for lifeboats complies with FCC and/or international convention (where required)

- Portable
- Fixed

46 CFR 199.60
SOLAS 74/78 III/6

Lifeboat operational test*

- Engine operating test
- 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/19
MSM Ch. C2.H.2.b

* Items tested in conjunction with Abandon Ship Drill.

Davits

- Foundations
- Moving parts
- Fittings
- Fairleads, cleats, or cruciform bits

46 CFR 160.032
SOLAS 74/78 III/48
MSM Ch. C2.H.2.b

Falls (date last renewed or end-for-ended)

46 CFR 199.190(j)
SOLAS 74/78 III/48
MSM Ch. C2.H.8

Lifeboat winches

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

46 CFR 199.199(i)
SOLAS 74/78 III/19
MSM Ch. C2.H.2.b

Lifeboat weight test

- Light load
- Full load: date _____

46 CFR 199.45(b)
SOLAS 74/78 III/19
MSM Ch. C2.H.2.b

Notes: _____

Embarkation aids

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

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

Liferrafts

- Releasing gear
- Launching instructions posted
- Equipment and stowage
- Annual service dates

46 CFR 133.105
SOLAS 74/78 III/19
SOLAS 74/78 III/26
MSM Ch. C2.H.3
46 CFR 133.90
46 CFR 131.130
46 CFR 133.45
46 CFR 131.580

- Hydro release service dates

46 CFR 133.45
46 CFR 131.585

- Weak link
- Float-free
- Illumination
- Markings
- Capacities
- Launching devices tested

46 CFR 133.130

46 CFR 112.43-11
46 CFR 131.865

Lifefloats and inflatable buoyant apparatus

- Equipment
- Markings
- Stowage
- Weak link
- Float-free
- Sea painter

46 CFR 133.105
46 CFR 131.865
46 CFR 131.870
46 CFR 133.130

Notes: _____
