

*INSERT SHIP PHOTO*

## **CONDITION SURVEY REPORT**

**SIMSL SURVEY No.** :

**VESSEL'S NAME** :

**IMO No.** :

**DATE OF SURVEY** :

**PLACE OF SURVEY** :

**SURVEYOR'S NAME** :

**STEAMSHIP INSURANCE MANAGEMENT SERVICES LIMITED**

Authorised and regulated by the Financial Conduct Authority

AQUATICAL HOUSE 39 BELL LANE LONDON E1 7LU

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(Registered in England and Wales – Registration number 3855693. FCA registration number 314468)

**FORMAL SURVEY REPORT**

1.	Vessel's name & flag	
2.	IMO number	
3.	Owner's name & nationality	
4.	Manager's name & nationality	
5.	Vessel type	
6.	Year & country of build	
7.	Gross Tonnage Dimensions (L x B x D) Summer Draft (d)	
8.	Classification Society	
9.	Trading area	
10.	Date & place of survey <i>(Man hours taken for Survey)</i>	
11.	Survey Company	
12.	Surveyor's Name(s)	
13.	Captain's name Owner's / Manager's Superintendent	
14.	Operational status of vessel <i>(Loading/Discharging/Anchored/ Standby/Laid-up)</i>	
15.	Next port and cargo <i>(If applicable)</i>	

**Remarks:**

**A. HULL & MACHINERY****A1. Ship's Hull, Structures & Fittings**

1.	External shell plating	
2.	Internal shell plating	
3.	Frames, beams, bulkheads, etc.	
4.	Weather decks, foc'sle, poop, catwalks, etc.	
5.	Watertight openings, ports, skylights & scuttles.	
6.	Ballast tanks, peak tanks, cofferdams and void spaces. <i>(Representative sample of ballast tanks to be inspected).</i>	
7.	Condition of holds/cargo tanks	
8.	Superstructure & coatings	
9.	Handrails, bulwarks, safe access	
10.	Ventilators, mushroom heads <i>(incl. fire flaps)</i> , air vents & filling pipes, savealls. <i>(Labelled for compartments served?)</i>	
11	<p>Ultrasonic Steel Thickness Gauging:</p> <p>Within Class Limits      Yes / No <i>(Confirm areas outside Class limits have been renewed)</i></p> <p>a) Keel &amp; bottom plates</p> <p>b) Lower shell strakes</p> <p>c) Upper shell strakes</p> <p>d) Main deck</p> <p>e) Tank Tops</p> <p>f) Frames</p>	<p>Date:</p> <p>Place:</p> <p>Ave    %                      Max    %</p> <p>Ave    %                      Max    %</p> <p>Ave    %                      Max    %</p> <p>Ave    %                      Max    %</p> <p>Ave    %                      Max    %</p> <p>Ave    %                      Max    %</p>

**Remarks:**

**A2. Deck Machinery**

1.	Cargo winches ( <i>including guards &amp; brakes</i> )	
2.	Cargo cranes, derricks & associated running gear, provisions cranes and engine room cranes	
3.	Conditions of mooring arrangements: a) Windlass, winches b) Mooring ropes/wires c) Fairleads and mooring furniture	
4.	Accommodation ladders / gangways, winches, wires and safety nets	
5.	Pilot ladders and hoists	
6.	Cargo pumps	
7.	Cleanliness of deck machinery spaces and pump rooms	

**Remarks:**

**A3. Main & Auxiliary Machinery**

Particular attention is to be afforded to the general cleanliness of machinery spaces and safety/housekeeping aspects.

1.	Main engine(s): type / number of cylinders / visual condition	
2.	Thrusters: location / number / visual condition	
3.	Main Boiler(s): type / number / working pressure / visual condition.	
4.	Generators: number / type / output / visual condition	
5.	Emergency generator or batteries	
6.	Switchboards: (matting in place?)	
7.	a) Steering gear ( <i>tested?</i> ) b) Emergency steering ( <i>tested?</i> )	
8.	Oily Water Separator operational and instructions displayed? Checked for magic pipe?	
9.	a) Main fire pump ( <i>tested?</i> ) b) Emergency fire pump ( <i>tested?</i> )	
10.	Floor plates clean / secure?	
11.	All engine room valves and pipes colour coded?	
12.	Cleanliness of machinery, purifiers and other spaces?	
13.	Spare gear, quantity, stowage and condition	
14.	Condition and type of exhaust and other lagging?	
15.	Remote stop devices ( <i>Main engine and fans, tested?</i> ).	

	Remote closing devices and level gauges ( <i>Fuel tanks etc.</i> ) ( <i>tested?</i> )	
16.	Bilge & ballast system tested? ( <i>Engine room bilges clean/dry?</i> )	
17.	a) Condition of propeller & rudder? ( <i>if in dry dock</i> ).  b) Spare propeller and where stored?	
18.	Sanitation device ( <i>USCG Approved?</i> )	

**Remarks:**

**A4. Certification, Surveys and Record Books**

Certificate Type		Date of Issue	Last Annual / Intermediate	Date of Expiry
1.	Certificate of Registry		N/A	
2.	International Tonnage		N/A	
3.	International Load Line			
4.	Safety Equipment Certificate			
5.	Safety Construction Certificate			
6.	Safety Radio Certificate			
7.	International Oil Pollution Prevention IOPP			
8.	International Air Pollution Prevention IAPP			
9.	International Sewage Pollution Prevention		N/A	
10.	Fitness for Carriage of Dangerous Chemicals in Bulk			
11.	International Noxious Liquid Substances Certificate (INLS)			
12.	Fitness for Carriage of Liquefied Gases in Bulk			
13.	Document of Compliance for Dangerous Goods		N/A	

Certificate Type		Date of Issue	Last Annual / Intermediate	Date of Expiry
14.	Other Certification: High Speed Craft Safety Certificate Permit to Operate High Speed Craft Special Purpose Ships Certificate			
15.	Passenger Ship Safety Certificate		N/A	
16.	Certificate of Compliance (LY2 Yacht Code compliance)			
17.	Ship Sanitation Control Exemption Certificate / Ship Sanitation Control Certificate (SSCEC/SSCC)		N/A	
18.	Hull Special Survey <i>(Extensions granted if any?)</i>		N/A	
19.	Hull Annual Survey			
20.	Machinery Special Survey <i>(Extensions granted if any?)</i>		N/A	
21.	Machinery Annual Survey			
22.	Class quarterly listings / summary <i>(note date and list any Conditions of Class or Class Recommendations or Memoranda also any overdue surveys)</i>			



Document		Remarks	
23.	Shipboard contingency (SOPEP/SMPEP)		
24.	Oil Record Book (Last entry?)	Part 1:	Part 2:
25.	Damage Control Plan		
26.	Loading and Stability Manual (Chemical and Gas tankers)		
27.	Procedures and Arrangements Manual (INLS vessels)		
28.	Cargo Record Book (Last entry?) (INLS vessels)		
29.	Port State Control Inspection. Date & Place?		
30.	Port State Control deficiencies found?		
31.	Stability: a) Class approved stability book? b) SOLAS approved grain book? c) Endorsed for change of name? d) Any structural changes made? e) Are previous voyage stability calculations on record?		

Document		Remarks
32.	Relevant IMO publications and IMDG Code Volumes	
33.	Last dry-docking? <i>(date and location)</i>	

**Remarks:**

**A5. Personnel**

Function		No.	Nationality	STCW Certification	GMDSS Certification
1.	Master				
2.	Deck Officers				
3.	Engineer Officers				N/A
4.	Radio Officers				
5.	Other Officers				
6.	Deck Crew				N/A
7.	Engine Room Crew				N/A
8.	Other Crew				N/A
9.	Minimum Manning Certificate		Complies: Yes / No		Date of issue:
10.	Are the officers and crew fluent in a common language? - Language?				
11.	Who and how many are conversant in the English language?				
12.	Is there a designated Safety Officer?				
13.	Photoluminescent escape signs at appropriate height to support escape?				
14.	Safety notices displayed?				
15.	Adequate medical facilities and supplies? Certificate & date:				
16.	Lighting adequate throughout the ship - portable and fixed?				
17.	Crew provided with and using personal safety / protection equipment?				

18.	<p>Vessel generally neat and tidy?</p> <p>Health and hygiene standards appropriate?</p> <p>Regular inspections by Master Date of last inspection</p> <p>a) Galley:  a. Clean  b. Free of infestations  c. Grease traps clean  d. Fridges / freezers / stores  i. Cleanliness  ii. Temperatures</p> <p>b) Communal areas / mess rooms clean and tidy  a. Wash facilities clean and tidy  b. Laundry clean and tidy</p>	<p>Yes / No</p> <p>Yes / No</p> <p>Yes / No</p>
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**Remarks:**

**B. SAFETY**

1.	Lifeboats & davits – type & number	
2.	Liferafts & davits – type & number	
3.	Number & location of Emergency Head Quarters (EHQ)	
4.	Fire extinguishers – type & number	
5.	Fixed fire extinguishing arrangements - type & number: <i>(Deck, Paint locker, Engine Room &amp;, Cargo compartments etc.)</i>	
6.	Fire lines & hydrants - condition	
7.	Fireman's outfits, Self-Contained Breathing Apparatus & Emergency Life-Saving Appliances	
8.	Portable gas meters: a) Type b) Number c) Last calibration date	
9.	Portable oxygen meters: a) Type b) Number c) Last calibration date	
10.	Oxygen resuscitator	
11.	Emergency muster / station bill: a) Posted on each deck? b) Duties clearly stated?	
12.	Emergency Organisation / Fire Control Plan	
13.	SOLAS / Crew Safety Training Manuals:	

SIMSL Report ID:

Date:

	a) Specific to vessel? b) Available in each mess?	
14.	Asbestos present on board? (Ref. - IMO Circular MSC.1/Circ. 1379)	

**Remarks:**

## C. NAVIGATION AND COMMUNICATIONS

### C1. Navigation

- NOTES:**
1. State where items are not fitted or not fully operational
  2. State where items have been exempted by flag state

Equipment			Remarks	Equipment			Remarks
ARPA	Y	N		Radar	Y	N	
Echo Sounder	Y	N		Sextant	Y	N	
Rate of Turn Indicator	Y	N		Auto Steering Off Course Alarm	Y	N	
Chronometer	Y	N		AIS	Y	N	
Gyro Compass / Repeaters	Y	N		Emergency Steering Compass	Y	N	
Electronic Charts / ECDIS	Y	N		Voyage Data Recorder / SVDR	Y	N	
EPIRB	Y	N		SART(S)	Y	N	
Speed Log	Y	N		GPS / Glonass / Galileo	Y	N	
Navtex Receiver	Y	N		Course Recorder	Y	N	
VHF Radios / GMDSS station	Y	N		M/E Bridge Control	Y	N	
Magnetic Compass	Y	N		Azimuth Mirrors	Y	N	
LRIT	Y	N		BNWAS	Y	N	
1.	<b>Notices to Mariners (N to M's):</b> a) Date of latest Notice to Mariners on board? b) Weekly Notices to Mariners forwarded to vessel as published?						
2.	<b>Nautical Publications:</b> a) Paper or electronic charts in use, or both? b) Do chart folios provide adequate coverage for vessel's trading area? c) Charts corrected up to date? d) Do publications cover the vessel's trading area?						

	<p>d) Publications properly corrected?</p> <p>e) Latest editions of all nautical publications, such as the Nautical Almanac, Lists of Lights, Ships Routing, IAMSAR Manual etc. available on board?</p>	
3.	<p>Date Magnetic Compass last adjusted?</p> <p>a) Deviation card displayed?</p> <p>b) Compass errors logged?</p> <p>c) Frequency of errors?</p>	
4.	<p>Passage plans from "Berth to Berth"?</p> <p>Previous passage plans on file? (Y / N)</p>	
5.	<p>Master's standing orders displayed?</p>	
6.	<p>Date of last entry in the Master's Night Order Book?</p>	
7.	<p>Log books properly maintained? (<i>Bridge / Bell / Movement Books / hold bilge &amp; tank soundings / hold temperatures / etc.</i>)</p>	

**Remarks:**



**C2. Communications**

1.	<b>GMDSS Station / Radio Station:</b>  Is equipment operational?  Is Master confident in demonstrating: a) Distress operation? b) Commercial operation of text / voice?  Distress operating instructions displayed in a common language?  Log Book maintained and up to date? Last entry dated?	Yes / No   Yes / No Yes / No Yes / No Yes / No
2.	<b>Handheld Radios:</b>  Portable Radio Sets (VHF / UHF)  Working Sets  GMDSS Sets (Spare Batteries & Chargers?)	

**Remarks:**

**D. SHIPBOARD MANAGEMENT**

1.	<p><b>ISM System:</b></p> <p>Document of Compliance (DOC):</p> <ul style="list-style-type: none"> <li>• Issuing Authority?</li> <li>• Date of issue?</li> <li>• Annual endorsement in date?</li> <li>• Expiry date?</li> </ul> <p>Safety Management Certificate (SMC):</p> <ul style="list-style-type: none"> <li>• Issuing Authority?</li> <li>• Date of issue?</li> <li>• Date of intermediate audit?</li> <li>• Expiry date?</li> </ul> <p>Last internal audit date?</p> <p>All non-conformities cleared?</p> <p>Last external audit date?</p> <p>All non-conformities cleared?</p> <p>Company Operations Manual?</p> <p>Manual pertinent to ship type?</p> <p>Procedures for contacting DPA?</p> <p>Document of Master's Authority?</p> <p>Shipboard training programme?</p>	
2.	<p><b>ILO Maritime Labour Convention 2006 (ILO MLC 2006) Maritime Labour Certificate:</b></p> <ul style="list-style-type: none"> <li>• Issuing Authority?</li> <li>• Date of issue?</li> <li>• Date of intermediate audit?</li> <li>• Expiry date?</li> </ul> <p>Declaration of Maritime Labour Compliance:</p> <p>Part I</p> <ul style="list-style-type: none"> <li>• Issuing Authority?</li> </ul> <p>Part II</p> <ul style="list-style-type: none"> <li>• Issuing Owner or Ship Manager?</li> </ul>	
3.	<p><b>Planned maintenance scheme</b></p> <p>a) On deck</p> <p>b) In engine room</p>	

	<p>c) Hatch covers <i>(Brief description of each)</i></p>	
4.	<p><b>Garbage/Refuse Disposal:</b> MARPOL 73/78 Annex V</p> <p>a) Garbage management plan? b) Arrangements for stowage? c) Adequate garbage bags? <i>(Plastic and/or paper)</i> d) Storage area / spaces clean? e) Garbage disposal log entries?</p>	
5.	<p><b>Bunkering</b></p> <p>a) Standing orders &amp; check lists? b) Piping / valve diagram? c) Savealls at manifold &amp; vents? d) Scupper plugs? e) Oil spill equipment quantities: 1. Absorbents? 2. Dispersants?</p>	
6.	<p><b>Oily Water Separator</b></p> <p>a) Operation tested? b) Checked for by-pass / magic pipe? c) Overboard valve locked closed? d) Warning notice that valve is to not be opened without the permission of the C/E?</p>	

**Remarks:**

**E. SHIPBOARD SECURITY**

1.	<p><b>ISPS Security System</b></p> <p>Ship Security Certificate (ISSC):</p> <ul style="list-style-type: none"> <li>• Issuing authority?</li> <li>• Date of Issue?</li> <li>• Date of intermediate survey?</li> <li>• Date of expiry?</li> </ul> <p>Shipboard security drills / exercises conducted? (Date of last drill)?</p> <p>Control of access to ship effective?</p> <p>Qualified Ship Security Officer (SSO) on board?</p> <p>Ship identification number permanently and visibly marked?</p>	
2.	<p><b>Ro/Ro Security:</b></p> <p>Are gangway and vehicle ramp(s) security provisions effective?</p>	
3.	<p><b>Passenger Ship Safety Certificate:</b></p> <p>a) State maximum number of persons the ship is permitted to carry.</p> <p>b) Are proper records of persons on board maintained?</p>	

**Remarks:**

**F. CARGOWORTHINESS (DRY CARGO)****State cargoworthiness tests conducted during the survey and results of all tests:-**

1.	Hatch covers weathertightness to be tested, (ultrasonic testing preferred).	Yes / No	
2.	Operation of the hold bilge suctions and non-return valves to be tested.	Yes / No	
3.	All ballast tanks surrounding the cargo holds are to be hydrostatically tested to ensure the tanks and their associated sounding pipes, air vents and manhole covers are watertight.	Yes / No	
4.	Number of cargo holds?		
5.	Number and type of hatches?		
6.	Are the hatches properly strengthened and fitted for the carriage of containers?		
7.	Are other deck cargoes certified to be carried - including timber, logs etc.?		
8.	Is the vessel provided with: a) Approved Cargo Securing Manual? b) Adequate lashing equipment for cargo types carried? c) Inspection / maintenance manual? d) Is lashing equipment certified?		
9.	Container capacity:  Reefer container capacity:		

**Remarks:**

**G. ADDITIONAL FOR LARGE DRY BULK VESSELS**

(i.e. Oil/bulk/ore, capesize and VLOC's etc.)

1.	Is any information available on board the vessel regarding loading rates for iron ore and/or other high specific gravity (S.G.) cargoes that have been loaded?	Yes / No	
2.	If such information is available, and if possible, please provide the following information in tabular form as an addendum to this report:		
	Date(s) of loading		
	Loading Ports / Terminals		
	Loading pattern / No. of holds loaded		
	No. of passes during loading		
	Loading rates (tons/hour)	Average:	Maximum:

**Remarks:**

**H. CARGOWORTHINESS (TANKERS)****State cargoworthiness tests conducted during the survey and results of all tests:**

1.	Hydrostatic test of cargo tank bulkheads	Yes / No	
2.	Pressure test of cargo pipelines	Yes / No	
3.	Pressure and function test of heating coils	Yes / No	
4.	Function test of inert gas system	Yes / No	
5.	Function test of pressure/vacuum valves	Yes / No	
6.	Note the number and grade of cargoes which can be carried whilst maintaining 2-valve separation.		
7.	Single or double hulled vessel?		
8.	All Cargo Control Room facilities fully operational?		
9.	Segregated ballast system?		
10.	Vapour return system fitted?		
11.	Loading and discharging operations performed in "Closed" conditions?		
12.	UTI electronic tapes compatible with ullage port vapour locks?		
13.	Cargo instruments correctly calibrated with records and procedures correctly maintained and documented?		
14.	High level alarms operational? (Date of last test)?		
15.	<b>For Floating Storage Offtake - FSO</b> a) Hawsers:		

<ul style="list-style-type: none"> <li>a. Change out programme in place? <ul style="list-style-type: none"> <li>i. FSO Mooring</li> <li>ii. Offtake Tanker</li> </ul> </li> <li>b. Last change out? <ul style="list-style-type: none"> <li>i. FSO Mooring</li> <li>ii. Offtake Tanker</li> </ul> </li> <li>b) Floating export hoses <ul style="list-style-type: none"> <li>a. Change out programme in place?</li> <li>b. Last change out</li> </ul> </li> <li>c) Berthing aid: - Yes / No <ul style="list-style-type: none"> <li>a. Operational?</li> <li>b. Last test date</li> </ul> </li> <li>d) ESD System: - Yes / No <ul style="list-style-type: none"> <li>a. Operational?</li> <li>b. Last test date</li> </ul> </li> </ul>	
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**Remarks:**

The surveyor should attach a copy or sketch of the plan layout of cargo tanks and the pipeline system.



**I. CARGOWORTHINESS (RORO'S)**

(No passengers or less than 12 drivers)

1.	Shell doors/ramps tested for weathertightness	Yes / No	
2.	<b>Vehicle Deck Protection:</b> a) State fire protection system for vehicle decks b) State fire detection system for vehicle decks c) Systems tested and maintained properly? d) Vehicle deck restraint systems		
3.	<b>Emergency Lighting:</b> Does the vessel have autonomous emergency battery lights?		
4.	<b>Damage Control:</b> a) Do all hull doors have remote closed indication? b) Hull doors seals and securing devices correctly maintained? c) Supplemental portable flood barriers fitted on vehicle decks? d) Detail class/flag exemptions for SOLAS compliance or regional regulations in place? e) Side scuppers fitted with emergency non-return valves? f) Emergency shut down arrangements for vehicle deck ventilators fitted and operational? g) No smoking signs displayed?		

**Remarks:**

**J. OFFSHORE VESSELS – Inc. BARGES, ANCHOR HANDLING TUG SUPPLY, PLATFORM SUPPLY, TUG, S-LAY PIPELAYERS & WORKOVER/INSTALLATION VESSELS**

1.	<p><b>Barges</b></p> <p>a) Check the condition of the main towing bridle, including chains/wires/shackles/delta plate, Smit Brackets and recovery winch.</p> <p>b) Check the condition of the emergency towing wire, including Smit Bracket, chain, shackles, wire and pick up rope and buoy.</p> <p>c) Ensure access ladders on the barge hull are in satisfactory condition with safe access to deck.</p> <p>d) Ensure both tyre and half round bar fendering are in satisfactory condition.</p> <p>e) Check that navigation lights and shapes are displayed in line with the requirements of the COLREGS, with adequate spare bottles when gas is the power source.</p>	
2.	<p><b>AHTS / PSV Cargo Systems:</b></p> <p>a) Cargo systems operating satisfactorily:</p> <ol style="list-style-type: none"> <li>a. Dry bulk?</li> <li>b. Potable/drill water?</li> <li>c. Mud/base oil/brine?</li> <li>d. Fuel?</li> <li>e. Other?</li> </ol> <p>b) Couplings, hoses, reducers and air relief valves in good condition?</p> <p>c) Condition of crash rails, wooden deck sheathing, casing posts, lashing points and lashing materials.</p>	
3.	<p><b>Towing / Pushing Gear:</b></p> <p>a) Condition of tow, work and tugger winches.</p> <p>b) Condition of towing, work and tugger wires and their sockets.</p> <p>c) Condition of shackles and ancillary towing rigging such as</p>	

	<p>stretchers and surge chains.</p> <p>d) Condition and operation of ancillary towing equipment such as tow pins, sharks jaw and gog arrangements.</p> <p>e) Check bow connecting pins / bow winches and associated wires for pushing ahead.</p> <p>f) Condition of tyre, rubber and half round bar fendering etc.</p>	
4.	<p><b>S-Lay Pipelay</b></p> <p>a) Condition of ready rack, firing line, welding / NDT and field joint coating stations.</p> <p>b) Condition of tensioners and stinger.</p>	
5.	<p><b>Dynamic Positioning</b></p> <p>a) What DP class is the vessel?</p> <p>b) Are all DP desks, machinery, position measuring equipment; gyro's, motion reference units and anemometers working satisfactorily?</p> <p>c) Is the vessel in date for annual DP trials?</p> <p>d) Date of the last Failure Modes Effects Analysis?</p> <p>e) Have any modifications been made to the vessel since the last FMEA requiring a new analysis?</p>	
6.	<p><b>Workover / Installation Barge / Vessel</b></p> <p>a) Condition of anchor mooring spread, including winches, wires, anchors, and associated mooring line jewellery.</p> <p>b) Helidecks - check internal and external nets, perimeter lights, windsock and floodlights, aeronautical radios, helideck markings, specific firefighting appliances and refuelling or hanger facilities, if fitted.</p> <p>c) Heavy lift cranes: a. Satisfactory condition?</p>	

SIMSL Report ID:

Date:

	<ul style="list-style-type: none"><li>b. Date for proof load testing</li><li>c. Date of last examination</li><li>d. Manriding – Yes / No<ul style="list-style-type: none"><li>i. Basket type and condition</li><li>ii. Crane certified for manriding?</li></ul></li></ul>	
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**Remarks:**

**K. SUPER / MEGA AND GIGA YACHTS**

1.	Tenders – check manning, condition and equipment on all tenders and ancillary craft.	
2.	Helidecks - check internal and external nets, perimeter lights, windsock and floodlights, aeronautical radios, helideck markings, specific firefighting appliances and refuelling or hanger facilities, if fitted.	

**Remarks:**

**L. PASSENGER SHIPS - INC. PAX RO-RO FERRIES****L.1 Fire Control**

1.	<p><b>Fire Screen Doors:</b></p> <p>a) Are remote release doors functioning with proper indication on the bridge?</p> <p>b) Are manually operated doors properly maintained and kept closed?</p> <p>c) Are all doors maintained and recorded in safety records?</p>	
2.	<p><b>Fire Bulkheads:</b></p> <p>a) Are main fire zones marked on fire control plan?</p> <p>b) All improper bulkhead penetrations to be noted.</p>	
3.	<p><b>Sprinkler System:</b></p> <p>a) Are accommodation and storeroom spaces fitted with an automatic sprinkler system?</p> <p>b) Is the system properly tested and maintained?</p>	
4.	<p><b>Ventilation Fire Flaps:</b></p> <p>a) Are internal fire flaps marked, tested and maintained?</p> <p>b) Are external fire flaps marked, tested and maintained?</p>	
5.	<p><b>Fire Detection:</b></p> <p>a) State type of fire detection system.</p> <p>b) Is the system properly tested and maintained?</p> <p>c) Are manual (push button) alarms tested, recorded and maintained?</p>	

**Remarks:**

**L.2 Life Saving**

1.	<p><b>Emergency Organisation:</b></p> <p>a) Is there an effective evacuation plan for passengers and crew?</p> <p>b) Are there procedures for checking passenger names at muster points?</p> <p>c) Are the crew trained in handling passengers in an emergency?</p> <p>d) Are sufficient crew able to communicate with the passengers in an emergency?</p> <p>e) Are the passengers provided with proper emergency instructions by general announcements and signs in cabins and public areas?</p> <p>f) Does the PA system reach all parts of the vessel, including crew areas and outside decks?</p>	
2.	<p><b>Emergency Lighting / Escapes:</b></p> <p>a) Is emergency lighting operable on generator and battery supplies?</p> <p>b) Are all passenger and crew emergency escapes properly marked, lit and free from obstructions?</p>	

**Remarks:**

**L.3    Damage Control**

1.	<p><b>Documentation &amp; Training:</b></p> <p>a) Does the vessel have an approved "Damage Control Plan"?</p> <p>b) Does the vessel have an approved "Damage Stability Book"?</p> <p>c) Could the crew effectively contain flooding in any given compartment following damage?</p>	
2.	<p><b>Powered Watertight Doors:</b></p> <p>a) Are doors operable from the bridge remote station?</p> <p>b) From bulkhead deck remote station?</p> <p>c) From local control?</p> <p>d) By reserve and manual power sources?</p> <p>e) Are watertight doors regularly tested and maintained?</p>	
3.	<p><b>Damage Control Valves:</b></p> <p>Are the following systems operable:</p> <p>a) Emergency bilge pumping system?</p> <p>b) Through bulkhead sewage valves?</p> <p>c) Sewage side valves?</p> <p>d) Cross over valves and lines?</p> <p>e) Any other damage control devices?</p> <p>f) Are all systems operable from the bulkhead deck remote stations?</p> <p>g) Are all systems properly tested and maintained?</p>	

**Remarks:**



**L.4 Public Health**

1.	Has the ship been inspected by local health authorities?	
2.	Has United States Public Health Service inspected the vessel and what points were scored? (Describe major deficiencies.)	
3.	Are crew trained in establishing and maintaining sanitation standards?	
4.	Are food preparation areas and storerooms clean and sanitary?	
5.	Are the potable water system treatment records maintained?	
6.	Are swimming pools / spas treated and records of water quality maintained?	
7.	Does the medical office maintain records of diarrhoea cases?	

**Remarks:****L.5 Security**

1.	<p>a) Does the vessel have a Security Plan, in accordance with the ISPS Code?</p> <p>b) Are the crew trained in accordance with the Security Plan for gangway security, bomb search and other provisions?</p>	
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**Remarks:**

**L.6 Personal Injury**

1.	Is the ship stabilised and the system operable?	
2.	Are passenger and crew accidents properly investigated and reported?	
3.	Are general accident prevention announcements made at the start of the voyage and supplemented by written notices?	
4.	Are stairs, outer decks and other potential hazards properly marked, with warning signs posted?	
5.	Are stairs and handrails well designed, maintained and records kept?	
6.	Are start/end of stairways and differences in deck levels clearly marked by warning colours / designs?	
7.	Do outside decks have adequate anti-skid resistance when wet?	
8.	Are swimming pools / spas equipped with handrails, non-slip decks and pool rules signs posted?	
9.	Are passenger areas fitted with sufficient photoluminescent escape signs sighted below smoke level?	
10.	Are emergency lighting strips, indicating escape routes, fitted and operational?	
11.	Are lifts inspected and certified by an approved company?	

**Remarks:**

**M. LIQUIFIED PETROLEUM GAS CARRIERS****M.1 Cargo Tanks and Systems**

1.	Are cargo tanks suitable for the carriage of nominated cargoes (particularly with reference to types of cargoes and required temperatures/pressures)? <i>Number, design, capacity</i>	
2.	Are cargo pumps, ballast pumps and stripping arrangements, operational including associated monitoring, alarms, instrumentation and controls?	
3.	Are cargo pump emergency stops properly located and regularly tested?	
4.	Are emergency shutdown (ESD) activation points appropriately located and clearly identified, are they regularly tested and the results documented?	
5.	Are cargo and vapour lines clearly marked and are all lines lagged effectively where appropriate?	
6.	Are reducers, removable U-bends and cargo hoses, if carried, in satisfactory condition?	
7.	Are hoses in good condition?	
8.	Is there a programme for the testing, inspection and calibration of cargo hoses?	
9.	Are spill trays and savealls in satisfactory condition with a water bottom where appropriate?	
10.	Is there an overside manifold water spray curtain?  Is it utilised during cargo operations?  Is coverage effective?	
11.	Is the ship provided with portable instruments as required, is span gas available and are records of recent calibration maintained?	

12.	Is fixed and portable electrical equipment appropriate for use in hazardous areas?	
13.	Are superstructure and deckhouse doors, windows, air inlet flaps, etc. facing the cargo area in satisfactory condition?	
14.	Is the compressor house / motor room / re-liquefaction plant space clean and tidy and are bilges free from cargo?	
15.	Are bulkhead seals between compressor house and motor room gas tight and well lubricated?	
16.	Are compressor house / motor room / re-liquefaction plant space fans operational?	
17.	Is motor room ventilation maintaining positive pressure?	
18.	Is the compressor room ventilation maintaining negative pressure?	
19.	Is compressor house / motor room / re-liquefaction plant space floor plating / grating satisfactory?	
20.	Are safe compressor house / motor room / re-liquefaction plant space entry and operational procedures identified and complied with?	
21.	Is the cargo heating system fully operational and well maintained?	
22.	Is the tank insulation (as viewed from void spaces) in satisfactory condition? Confirm no visible cold spots as seen from void space?	
23.	Is the cargo re-liquefaction plant and associated machinery in satisfactory condition?	
24.	Where required, are fire wires properly rigged and in good condition?	

25.	Has the ship been inspected by OCIMF-Sire and / or CDI recently?	
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**Remarks:**

## **M.2 Inert Gas System**

1.	Is the IGS, including instrumentation, alarms, trips, and pressure/oxygen recorders, fully operational and with calibration records maintained?	
2.	If fitted, is the nitrogen generator system operating satisfactorily?	
3.	Are the inter barrier space temperatures and pressures monitored and recorded?	
4.	Are fans, scrubber, deck seals, p/v breakers and non-return valve in satisfactory condition?	

**Remarks:**

**M.3 Closing Appliances**

1.	Are closing devices, associated gaskets and securing arrangements on the freeboard deck in satisfactory condition?	
2.	Are tank domes, hatches, gaskets and securing devices in satisfactory condition?	
3.	Are cargo tank venting arrangements in satisfactory condition?	
4.	Are cargo tank, void spaces and inter barrier spaces (where fitted) relief valves set correctly and in satisfactory condition?  Are relief valves included as part of a programme of routine testing and inspection	
5.	Are air locks between gas dangerous spaces and gas safe spaces, if fitted, in an operational state and in satisfactory condition?  Are interlocks and alarms fitted and tested?	

**Remarks:**

**M.4 Cargo Control**

1.	Are primary and secondary cargo monitoring indicators, controls and panels in satisfactory condition?	
2.	Are detailed cargo handling and tank cleaning plans prepared and are operations carried out and logged in accordance with the agreed plan? Are documented pre and post cargo operation meetings held with terminal staff?  Are pre-cargo operation ESD tests conducted in co-ordination terminal: <ul style="list-style-type: none"> <li>• Warm ESD?</li> <li>• Cold ESD?</li> </ul>	
3.	Is the tank gauging system operational? Is the custody transfer system, where fitted, operational, and approved	
4.	Is the means for emergency discharge inspected and results recorded?	
5.	Are gas detection systems and bilge alarms operational, regularly tested and with results recorded?	
6.	If fixed gas detection and monitoring system is not fitted, are routines in place for regular monitoring with portable instruments?	
7.	Are safety guidelines regarding static hazards in place and strictly adhered to?	
8.	Is appropriate cargo specific information including Material Safety Data Sheets available on board?	
9.	Overside manifold spray system functioning? Last test date?	

**Remarks:**

**M.5 Safety and Operational Tests**  
**(were the following tests carried out and found satisfactory?)**

1.	Engine room bilge high level alarms.	
2.	Emergency fire pump with two fire hoses on separate hydrants.	
3.	Emergency power sources and emergency lighting.	
4.	Engine room remote stops and shutdowns.	
5.	Relevant cargo high level alarms.	
6.	Decontamination showers and eye baths on deck (operational under all ambient weather conditions?)	
7.	Emergency shut down system, including trips and valve timings.	
8.	Deck spray system functioning. Last test date?	

**Remarks:**



**M.6 Planning**

1.	Is a berth compatibility study carried out and available on board?	
2.	Does the study include: <ul style="list-style-type: none"> <li>• Emergency shutdown systems (ESD)?</li> <li>• Back-up ESD?</li> <li>• Cargo arm operating envelope?</li> <li>• Shore gangway operating envelope?</li> <li>• Shore gangway landing area?</li> <li>• OPTIMOOR or equivalent mooring study?</li> </ul>	

**Remarks:**

***This report, and any accompanying documentation or photographs, has been compiled for the sole use of the Association for insurance purposes only. It should not be disclosed to any third parties without prior written permission from the Association.***

***The information contained in this report, and any accompanying documentation or photographs, is not exhaustive as to the general condition of the ship and should not be relied upon by members or by any other party as any assurance, representation or warranty as to the condition of the ship and nothing herein shall prejudice the Club's rights under the insurance policy, in the event of a dispute between the Club and the member relating to the condition of this ship.***

SIMSL Report ID:

Date:

**SHIP NAME:****IMO NO:****PORT:****DATE:****LIST OF DEFICIENCIES****Notes:**

- A. Leave 1 copy onboard with the Master & attach 1 copy to the summary & formal reports.  
 B. Add more rows as required.  
 C. For follow-up surveys the status of all defects, recommendations and outstanding tests & requirements is to be noted as either **COMPLETED**, **IN PROGRESS** or **OUTSTANDING**  
 D. All deficiencies that present a claims risk to the Club are to be noted as Defects. These will have to be rectified to the satisfaction of the Club.

	NO.		DEFECTS		REMEDIAL ACTION REQUIRED
	1				
	2				
	3				
	4				

- E. All outstanding tests, requirements and inspections are to be noted as such and not as defects.

	NO.		OUTSTANDING TESTS / REQUIREMENTS
	1		
	2		

- F. Identify issues considered to be potential risks / enhancements / best practice that the member should consider implementing, but that may not necessarily be a legislative requirement under the vessel's administration

	NO.		OBSERVATION		RECOMMENDATION
	1				
	2				

**TOTALS:**

DEFICIENCY		OUTSTANDING	IN PROGRESS	COMPLETED
Defects				
Tests/Requirements				
Observations				

**Photographs**

Insert photographs of:

- 1) Overview of vessel, holds, tanks and deck.
- 2) Fixtures and fittings.
- 3) So far as possible, all defects and/or rectified defects.
- 4) So far as possible, tests conducted.

**Photo number and detailed caption**