

<b>MARITIME OPERATIONS DEPARTMENT MARINESAFETY</b>	LISCR, LLC Attn: Marine Safety 22980 Indian Creek Dr. Dulles, VA 20166 Phone: +1-703-790-3434 Fax: +1- 703-790-5655 <a href="mailto:audit@liscr.com">Email: audit@liscr.com</a>
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**LETTER REGARDING OPERATIONAL SAFETY INSPECTION**

This Inspection is intended to assist owners in maintaining vessels at all times in compliance with the applicable safety & pollution prevention provisions of SOLAS, MARPOL, STCW, MLC and the Liberian Maritime Regulations. NOTE: The Nautical Inspector will complete this report after each inspection. The names of both the Nautical Inspector and the Master shall be entered in the bottom of the report. The original report will be retained on board and the nautical inspector will send a copy to Audit at LISCR, Dulles, Virginia, USA as an attachment to an email sent to audit@liscr.com. If serious deficiencies are found, the inspector shall immediately notify the Safety Department at safety@liscr.com or 703-790-3434. After hours, please contact the Duty Officer at 703-963-6216

NAME OF VESSEL:		GROSS TONS:	
IMONUMBER:	MANAGING OWNER /OPERATOR OR BAREBOAT CHARTERER		
SHIP TYPE:	NAME:		
YEAR BUILT:	ADDRESS:		
DATE INSPECTED:	Tel:	E-Mail:	
PLACE INSPECTED:			
PREV. INSPECTION:			
INSPECTION TYPE:	Initial	Annual	Special
PURPOSE:	Regular	PSC Pre-Emptive	PSC Follow-Up
			Quarterly
			Other:
			Special Inspection Program

Summary:

	The inspector did not find any deficiencies. We wish to commend you, the vessel's master, and crew for maintaining a high standard of safety on board this vessel.
	The inspector did not find any deficiencies but does have some recommendations. Please see the list on the next page. We encourage you to follow the recommendations.
	The Inspector's list of deficiencies, recommendations, and recommended corrective actions are listed on the next page. Please send your Corrective Action Report regarding the listed deficiencies to the Administration at <a href="mailto:Safety@liscr.com">Safety@liscr.com</a> within thirty days.
	The inspector found serious deficiencies which must be corrected before the vessel is allowed to sail. The serious deficiencies are noted on the list on the next page. This ship may also be required to have a Special Inspection; the Administration will contact you to schedule it if necessary.

1. The Master shall read the report carefully, and if there are any disagreements he should discuss them with the auditor.
2. The Company designated Person Ashore should also read the report, and if he has any disagreement with the findings he is to contact the head of the safety department. An email should be sent to safety@liscr.com with the DPA's comments.
3. Inspectors shall include photographs of the following:
  - a. From the Shore: Bow Quarter and Stern
  - b. On Board: Bridge/Wheel House, Weather Deck from both the Bow and Bridge, Lifeboats and Launching Apparatus
  - c. Any damage, defect, or area of concern

**IMPORTANT NOTICE**

**THE INSPECTION REPORT DOES NOT CONSTITUTE CERTIFICATION, WARRANTY OR OTHER REPRESENTATION AS TO THE SEAWORTHINESS OF THE VESSEL DESCRIBED HEREIN, NOR DOES IT RELIEVE ANY PERSON OR ORGANIZATION FROM THEIR RESPECTIVE RESPONSIBILITIES AND OBLIGATIONS TO ENSURE THAT THE VESSEL IS MAINTAINED IN A SEA WORTHY CONDITION.**

Sincerely,	
Name of Inspector/MID number	Name of the Master or Representative



<b>PART A. STATUTORY CERTIFICATES - SHIP DOCUMENTS - PUBLICATIONS (Primary Deficiency Codes - 1100s, 1300s)</b>									
Class Society	RO	RSO	ILO RO						
Applicable Statutory Certificates are Valid/Present and have been properly endorsed?				N/A	YES	NO			
International Ballast Water Management Certificate on board?				N/A	YES	NO			
CSR: Information up to date with all amendments? SOLAS XI-1/5				N/A	YES	NO			
For Bulk Carriers and Oil Tankers, Hull Survey Report (See IMO Res. A 744.18 as amended)				N/A	YES	NO			
Dangerous Goods Manifest and Stowage Plan (SOLAS VII/4,5 and 7.2; MARPOL Annex III/4)				N/A	YES	NO			
Liberian Maritime Legislation available on board (RLM 300)?				N/A	YES	NO			
RLM 105				N/A	YES	NO			
Required Publications up to date?					YES	NO			
Approved Ballast Water Management Plan (BWMP)				N/A	YES	NO			
<b>Comments:</b>									
<b>PART B. ISM/ISPS CODE (Primary Deficiency Codes - 15000s, 16000s)</b>									
Copy of the current editions of the ISM and ISPS codes on board and guidance from Liberia?									
Does the Master understand and perform his safety management system responsibilities?									
Is the Ship's Safety Officer and/or Ship's Safety Committee designated by the Master									
Are there records of Safety Meetings?				Date of last meeting:					
SMS manual on board?									
Did the crew check and record your ID on boarding?									
Are restricted areas identified?									
Are there records of internal audits?				Date of last audit:					
Are there records of external audits?				Date of last audit:					
Records of communication for inoperable equipment/requisitions									
Annual Security Exercise									
Record any outstanding nonconformities ISPS or ISM:									
<b>PART C. MANNING (Primary Deficiency Codes - 1200s)</b>									
Is there at least the minimum crew as required by Minimum Safe Manning Certificate?				Note: On the attached crew list, identify any officer whose CoC or Liberian Endorsement has expired, or who does not have a Liberian Endorsement, COC, or Certificate of Receipt of Application (CRA). This is a major nonconformity & must be corrected before departure					
Table of shipboard working arrangements is posted as required									
Official record of hours rested/worked? (Check random sampling)									
Record of watches									
GMDSS - One Radio Electronic Operator or 2 Deck/Nav Officers w/ General Operator certificates									
ECDIS- Generic Training Certificates + Type Specific Training Certificates (See 6.18 of RLM118)									
Security Officer Designated in writing has Liberian special qualification endorsement									
Master/Chief Engineer Handover Forms									
Is there a copy of the Seafarer's Employment Agreement on board?									
All crew members holding valid Seafarer's Identification Books?									
All crew members holding valid Medical Examination Certificates (MLC 1.2)?				<b>Comments:</b>					
Min. number of persons holding valid Special Qualifications as required by MSMC/type of vessel									
Crew received safety and security awareness training when they came on board?									
Common language in use on board									
Master, officers and crew able to communicate effectively w/ each other, visitors, & passengers									
Ship's documents and manuals compatible with the language used on board									
All plans/signs in the common language used on board or in English in accordance w/SOLAS V/14									

**PART D. LOG BOOKS – Bridge, Engine Room and Radio Log Book and Records (Primary Deficiency Codes - 1300s, 4000s)**

Note: Free fall lifeboats are only required to be dropped once every six months and a 1 year period

Lessons Learned/Comments:

Language
Date port lifeboat last lowered into water
Date stbd lifeboat last lowered into water
Boat and Fire Drills attended by crew monthly (SOLAS III/19.3)
Lifeboat moved from stowed (once a week) (SOLAS III/20.6.3)
L/B turned out from stowage (once a month) (SOLAS III/20.7.1)
LSA weekly & monthly inspections: (SOLAS III/20.6 and 20.7)
Fast Rescue Boat Started Weekly
Safety Training held: Weekly/Monthly
Bridge/Engine Room Official Log Books properly maintained
Enclosed space entry drill
Security Drills conducted quarterly (ISPS Code)
Ship's articles: Name, rank, port and date of on-signers and off-signers
Steering Gear Test (Arrival/Departure)
Emergency Steering Drills (Qrtly)
Company annual drill schedule followed
Ballast Water Record Book - Appropriate entries recorded

**PART E. RADIO COMMUNICATIONS EQUIPMENT SOLAS IV (Primary Deficiency Codes - 5000s)**

Which radio sea areas:	A1	A2	A3	A4	Comments:
GMDSS equipment operational/testing requirements (SOLAS IV/8 to 11 and IMO Resolution A.702 (17))					Comments:
Reserve sources of energy for radio and navigation equipment in good order					
Is the radio station in working order?					
Valid Radio Station License displayed?					
	A1	A2	A3-INMARSAT	A3-HF	
VHF with DSC	X	X	X	X	
DSC with receiver channel 70	X	X	X	X	
MF telephony with MF DSC		X	X		
DSC watch receiver MF 2187,5 kHz		X	X		
INMARSAT with EGC receiver			X		
MF/HF telephony with DSC and NBDP				X	
DSC watch receiver MF/HF				X	
Duplicated VHF with DSC			X	X	
Duplicated INMARSAT			X	X	
NAVTEX received 518 kHz		X	X		
EGC receiver	X (1)	X (1)		X	
Float-free satellite EPIRB	X	X	X	X	
Search and Rescue Radar Transponder	X (2)	X (2)	X (2)	X (2)	
Hand Held GMDSS VHF Receivers	X (3)	X (3)	X (3)	X (3)	

**PART F. NAVIGATION, CHARTS, PUBLICATIONS AND RECORDS (Primary Deficiency Codes - 10000s)**

Navigation Charts:	Publications
Electronic Charts Last update:	Pilot Books/ Sailing Directions
Paper Charts Last update:	List of Lights/Radio Aids
Chart List or Catalog	Tide Tables
Notices to Mariners	Nautical Almanac
Voyage or Passage Planning (berth to berth)	
Completed	
Security considered as part of the voyage planning	
Pollution included in passage plan if vessel transits No Discharge/SECA areas	

Comments:

<b>PART G. NAVIGATIONAL AIDS (SOLAS V/19 &amp; 20) (Primary Deficiency Codes - 10000s)</b>								
Requirements for	All Ships	>or = 500GT	>or = 3000GT	>or = 10,000	>or = 50,000G	Operational	Comments:	
Standard Magnetic Compass	X	X	X	X	X			
Spare Magnetic Compass		X	X	X	X			
Pelorus	X	X	X	X	X			
Means of correcting Bearings to true	X	X	X	X	X			
ECDIS with Back up	X	X	X	X	X			
GPS/GNSS receiver	X	X	X	X	X			
Sound reception system (enclosed bridge)	X	X	X	X	X			
Telephone to emergency steering	X	X	X	X	X			
Daylight Signal Lamp		X	X	X	X			
Echo Sounder			X	X	X			
Gyro Compass		X	X	X	X			
Gyro repeater at emergency steering		X	X	X	X			
Rudder Angle Indicator		X	X	X	X			
Indicators of propeller, pitch, & revolution								
Speed and Distance Measuring Equipment		X	X	X	X			
9 GHz Radar		X	X	X	X			
3 GHz Radar			X	X	X			
Electronic Plotting Aid		X	X	X	X			
Automatic Radar Plotting Aid				X	X			
Automatic Tracking Aid (ATA)			X	X	X			
Second ATA				X	X			
Rate of turn indicator					X			
SDME Over ground					X			
Heading or track control system.				X	X			
AIS								
LRIT	<a href="mailto:VerifyBroadcasting:LRIT@liscr.com">VerifyBroadcasting:LRIT@liscr.com</a>							
VDR								
Bridge Navigational Watch Alarm System								
Navigation light indicator display								
Maneuvering data on bridge	YES	NO						
SSAS	Verify Confirmation Email from Administration							
<b>PART H. GENERAL SAFETY – (SOLAS II-2; III; the LSA, and FSS Codes) (Primary Deficiency Codes - 7000s &amp; 11000s)</b>								
<input type="checkbox"/>	Pilot boarding arrangements.						Comments:	
<input type="checkbox"/>	Abandoned Ship Drill (During Inspection)							
<input type="checkbox"/>	Fire Drill (During Inspection)							
<input type="checkbox"/>	Equipment maintenance and training manuals							
Lifeboat(s)		Fast Rescue Boat						
<input type="checkbox"/>	Condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Condition		
<input type="checkbox"/>	Inventory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inventory		
<input type="checkbox"/>	Operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operation		
<input type="checkbox"/>	Davits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Davits		
<input type="checkbox"/>	5 year operational testing of on-load release gear							
Liferafts								
<input type="checkbox"/>	Stowage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Hydrostatic Rls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	Davits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Other LSA Equipment								
<input type="checkbox"/>	Lifejackets/TPA's							
<input type="checkbox"/>	Immersion suits							
<input type="checkbox"/>	Lifebuoys							
<input type="checkbox"/>	Pyrotechnics							
<input type="checkbox"/>	Line throwing equipment							
<input type="checkbox"/>	Muster List and Emergency Instructions							

<b>Checked condition of Fire Fighting Equipment, including:</b>		<b>Comments:</b>	
<input type="checkbox"/>	Fixed and portable extinguishers		
<input type="checkbox"/>	Emergency Fire Pump		
<input type="checkbox"/>	EEBDs		
<input type="checkbox"/>	Fireman's Outfits		
<input type="checkbox"/>	Foam analysis		
<input type="checkbox"/>	Vent closures/Dampers		
<input type="checkbox"/>	Emergency escapes		
<input type="checkbox"/>	Smoke/Flame Detectors		
<input type="checkbox"/>	Fire Alarm Panels Operational		
<input type="checkbox"/>	Installed Fire Extinguishing System ( <i>water mist operational, etc.</i> )		
<input type="checkbox"/>	International Shore Connection		
<b>PART I. MEDICINE CHEST AND MEDICAL PUBLICATIONS (Primary Deficiency Codes - 18400s)</b>			
<input type="checkbox"/>	Fully stocked with instructions/Medical Chest Certificate	<b>Comments:</b>	
<input type="checkbox"/>	International Medical Guide Third Edition or equivalent		
<input type="checkbox"/>	Medical Log Book		
<input type="checkbox"/>	Supplement to IMDG Code or equivalent publication		
<input type="checkbox"/>	Hospital room		
<b>PART J. CREW ACCOMMODATIONS - (Primary Deficiency Codes - 18000s)</b>			
Checked condition of:		<b>Comments:</b>	
<input type="checkbox"/>	Ventilation		
<input type="checkbox"/>	Lighting		
<input type="checkbox"/>	Access and emergency escape markings		
<input type="checkbox"/>	Toilets		
<input type="checkbox"/>	Drinking Water (sufficient supply of clean waters)		
<input type="checkbox"/>	Galley (cleanliness/grease traps/range hoods)		
<input type="checkbox"/>	Provisions adequate and properly stored		
<input type="checkbox"/>	Crew Spaces clear of ship's stores or equipment		
<input type="checkbox"/>	Record of weekly inspections		
<b>PART K. GENERAL: Overall condition of vessel (PLEASE PHOTOGRAPH GENERAL CONDITION &amp; ALL CONCERNS)</b>			
Checked condition of decks and superstructure: ( <i>Primary Deficiency Codes - 2000s, 3000s, 7000s, 9000s, 18200s</i> ) ( <i>Cargo - 6000s</i> )			
<input type="checkbox"/>	Weather Deck including forecastle	<b>Comments:</b>	
<input type="checkbox"/>	Cargo gear /cargo manifold		
<input type="checkbox"/>	Mooring equipment		
<input type="checkbox"/>	Winch brakes		
<input type="checkbox"/>	Anchors and anchor windlass		
<input type="checkbox"/>	Electrical fixtures, alarms and lighting		
<input type="checkbox"/>	Rubber mats provided where needed		
<input type="checkbox"/>	Openings; hatches, doors, pipe penetrations, vents		
<input type="checkbox"/>	Watertight Doors		
<input type="checkbox"/>	Fire dampers clearly marked and open/closed properly		
<input type="checkbox"/>	Fire door(s) clearly marked and working properly		
<input type="checkbox"/>	Quick closing valves operational (fuel oil-lube oil)		
<input type="checkbox"/>	Upper decks including bridge		
<input type="checkbox"/>	Pump room or Cargo room as applicable		
<input type="checkbox"/>	Tank gauging equipment		Tankers
<input type="checkbox"/>	Water Ingress detectors & remote pumping (SOLAS XII/12)		Tankers
<input type="checkbox"/>	Oil tankers of 150 GRT: approved/operable ODME		Tankers
<input type="checkbox"/>	ORB Part II/or Cargo Record book properly maintained		Tankers
<input type="checkbox"/>	Portable gas detecting equipment tested (SOLAS XI-1/7)		

Checked condition of engine room and engineering spaces: *(Primary Deficiency Codes - 13000s, 14000s)*

<input type="checkbox"/>	Control Room	<b>Comments:</b>
<input type="checkbox"/>	Electrical Systems (outlets, fittings, junction boxes)	
<input type="checkbox"/>	Lighting	
<input type="checkbox"/>	Ventilation	
<input type="checkbox"/>	Alarms	
<input type="checkbox"/>	Protective guards around moving parts	
<input type="checkbox"/>	Main engine	
<input type="checkbox"/>	Auxiliary Engines	
<input type="checkbox"/>	Fuel lines	
<input type="checkbox"/>	Purifier Space	
<input type="checkbox"/>	Pumps	
<input type="checkbox"/>	Piping for fresh and salt water systems	
<input type="checkbox"/>	Sea chest	
<input type="checkbox"/>	Bilges	
<input type="checkbox"/>	Excessive oil and/or water leaks	
<input type="checkbox"/>	Engine Log up to date	
<input type="checkbox"/>	Low sulfur fuel change over for ECA recorded (MARPOL Annex VI)	
<input type="checkbox"/>	Insulation	
<input type="checkbox"/>	Emergency Generator	
<input type="checkbox"/>	Overdue maintenance items?	
<input type="checkbox"/>	Oil Water Separator (OWS)	
<input type="checkbox"/>	Steering Gear Space	
<input type="checkbox"/>	Incinerator	
<input type="checkbox"/>	Marine Sanitation Device	

**General Comments:**