

Vessel - Kensington LG (IMO: 9525182)

Inspection Type 001 - Vessel Internal Audit Inspection Date 22 Sep 2023 Inspector Athma Gopaul

From Port Bridgetown

To Port Bridgetown

Hours Onboard 12 H

Avg Audit Findings 51 %

No of NCRs 0

No of observation 9

Crew Interview & Attendance Record

Staff Name	Rank	Remarks
10630 - Oleg Myronov	MST	
10656 - Andrii Petrov	C/OFF	
10610 - Saltanovskyy Vadym	2/OFF	
10657 - Chaky Gesta Tamayo	2/E	
10615 - Oleksii Nabyivoz	E/O	
10256 - Rakesh KUMAR	AB	
10620 - Gajendra Kumar .	C/CK	
10621 - Noufal Niamath Manzil	MSM	
10661 - Krishna Pratap Singh	J/OFF	

Auditor Signature

Athma Gopaul



Vessel - Kensington LG (IMO: 9525182)

Negative F	indings						
Defect ID	Chapter	Category	Question	Answer Details	Is Critical	Status	Link
Additional	NCRs						
Defect ID	NCR No	Observati	ons		Date of Disposition	Sta	tus
Additional	Observations						
Defect ID	Observations			Date of	f Disposition	Sta	tus
0	Cargo heater se	nsors				Pend	ding
0	Cargo tank 2 - v	alve not closing fully				Pene	ding
0	ECDIS - overlay	info need update				Pene	ding
0	Emergency gene	erator radiator and coolin	g system corroded			Pene	ding
0	Fire hoses - nee	d spare seals				Pene	ding
0	Free fall lifeboat	missing hand torch				Pene	ding
0	Metal gratings o	n free fall platform - badly	corroded			Peno	ding
0	STBD anchor ch	ain cannot be released f	ee fall			Peno	ding
0	Windlass fwd co	ntrol block has leaking se	al			Peno	ding

Positive / Neutral Findings



Vessel - Kensington LG (IMO: 9525182)

Chapter: 01.00 - Vessel Internal Audit

Category: 01.01 - General Issues - Master's Office

Question	Answer Details	Is Critical	Link
01.01.01 - Are the general condition, visual appearance and cleanliness of the hull satisfactory?	Grade - Yes		
	NA		
01.01.02 - Is the Company's policy up dated, posted at public spaces and formally accepted/understood by all crewmembers?	Grade - Yes		
	NA		
01.01.03 - Check records of ship's Safety and Environmental Committee meetings (every effort should be made to participate in a Committee meeting).	Grade - Yes		
	NA		
01.01.04 - Check records of the Shore Safety Committee (SSC)/Management Review Committee (MRC) minutes/decisions forwarded to the vessel	Grade - Yes		
	NA		
01.01.05 - Are the Master and crew able to describe what Safety and Environmental excellence means in practice?	Grade - Yes		
	NA		
01.01.06 - Is the Master aware of his overriding authority and where is this stated in the SMS?	Grade - Yes		
	NA		
01.01.07 - Is the Master aware of his obligation to submit an SMS review? Check records of previous Masters' reviews.	Grade - Yes		
	NA		
01.01.08 - Check records of rest hours and watch schedules. Are they posted? Are they monitored by the Company?			
	NA		
01.01.09 - Does the Master and the C/E regularly report all maintenance jobs, repair jobs and defects? Check records and follow up.	s Grade - Yes		
	NA		
01.01.10 - Have you received (written or verbal) complaints/protests/claims by clients, ratings, etc. since the last internal audit?			
01.01.11 - Have these been analyzed and all necessary corrective/preventive actions implemented?	Grade - Yes		
	NA		
01.01.12 - Has the Master attended a ship-handling course?	Grade - Yes		
	NA		
01.01.13 - Is the Master handing over form available and signed?	Grade - Yes		
	NA		



KER MANAGEMENI				
	Question	Answer Details	Is Critical	Link
	01.01.14 - Has the Company representatives visited the vessel within the last six months?	Grade - Yes		
		NA		
	01.01.15 - Check Superintendent ship's inspection reports and compare with crew members inspection reports	Grade - Yes		
		NA		
	01.01.16 - Are there any deficiencies/repairs imposed by Company superintendents, the Class, PSC, etc. not yet rectified? If yes, what is the rectification schedule? Check tasks	Grade - Yes		
	assignments.	NA Grade - Yes		
	01.01.17 - Are the Master and crew familiar with the SMS procedures? Are the Master and crew aware of the Company objectives & policy and the concept of continuous			
	improvement?	NA		
Catego	ry: 01.02 - Certificates – Documents			
	Question	Answer Details	Is Critical	Link
	02.01.01 - Are all ship's Certificates available, valid and properly filed? (Original copies	Grade - Yes		
	available, validity, stamps, signatures, endorsements & entries. Continuous Synopsis			
	Record (CSR): Ensure consistency of information).	NA		
	02.01.02 - Is a current Crew List available?	Grade - Yes		
		NA		
	02.01.03 - Is age verification made of newly joining crew? No person below the minimum age of 18 shall be employed or engaged or work on a ship.	Grade - Yes		
_		NA		
	02.01.04 - Are the crewmembers paid on a Monthly basis and is a signed Monthly Statement of Account available for each crew member?	Grade - Yes		
		NA		
	02.01.05 - Are all crew members' employment contracts, including any applicable Collective Bargaining Agreement, available onboard and in the English language?	Grade - Yes		
		NA		
	02.01.06 - Are all crew members' employment contracts according to MLC standard A2.1.and are they signed by both sides?	Grade - Yes		
		NA		
	02.01.07 - Does the manning level meet or exceed that required by the Min. Safe	Grade - Yes		
	Manning Certificate? (It should not be necessary for the Master or C/E to keep regular watches by adopting a three-watch system).	17 Crew Onboard		
	02.01.08 - Are all seafarers' Certificates as per SMS available and valid (medical cards,	Grade - Yes		
	Competency Certs, Flag endorsements, BTM, BRM, etc.)? Check competency in			
	assigned duties.	NA		



NI.			
Question	Answer Details	Is Critical	Link
02.01.09 - Are there at least two officers onboard with GO certificate?	Grade - Yes		
	Master / Chief Off		
02.01.10 - Is vessel's Cook properly certified?	Grade - Yes		
	NA		
02.01.11 - Is documentation (certificate/license etc.) available onboard proving the	Grade - Yes		
compliance of the Manning Agent(s) with MLC 2006 requirements?			
	NA		
02.01.12 - Is the MLC 2006 available onboard?	Grade - Yes		
	NA		
02.01.13 - Is a copy of the applicable national provisions regarding repatriation available			
onboard?	Glade - Tes		
	NA		
02.01.14 - Have any complaints been made? Have these been followed up and closed?			
	NA		
02.01.15 - If the vessel is subject to the ESP, is the report file maintained? (An oil tanker			
> 5 years shall have a file of survey reports, the results of all scantling measurement and			
the statement of structural work carried out. This file shall be available 1 year prior			
vessel's 5th anniversary and accompanied by a Condition Evaluation Report (CER) with			
conclusions on structural condition of ship and its residual scantlings. 'Substantial			
corrosion' is wastage> 25% of allowable margins, but within acceptable limits. Each ES			
File must contain a CER for each ES carried out).			
02.01.16 - If the vessel is over 130 m. and over 10 years old, has the criteria for	Grade - Yes		
longitudinal strength of the hull girder been met? (Evaluations are required at Safety			
Con. Cert. renewal surveys. Results are available within the CER).	NA		
02.01.17 - If the vessel has been enrolled in a CAP what hull rating has been awarded?			
02.01.18 - If the vessel is subject to CAS, are copies of the CAS Final Report and			
Review Record available? (Compliance with CAS is aligned to ESP concurrent with			
intermediate or renewal surveys. CAS is applied to all S/H tankers of 15 years or older).			
02.01.19 - Has a Survey Plan for the CAS been completed and submitted 2 months prior			
commencement?			
02.01.20a - Is the following documentation available on board - Main structural plans for	Grade - Yes		
cargo and ballast tanks			
	NA		
02.01.20b - Is the following documentation available on board - Previous repair history	Grade - Yes		
	NA		



Question	Answer Details	Is Critical	Link
02.01.20c - Is the following documentation available on board - Cargo and ballast history	/ Grade - Yes		
	N 14		
	NA		
02.01.21 - Check (approved) manuals (T&S, Loading manual, ODME manual, IG manual, COW Operations & Equipment manual, P&A manual (for Ch. tankers), etc.)	Grade - Yes		
(The list of cargoes which the vessel is allowed to carry attached to CoF will include Appendix III substances, but that in P&A Manual will not. List in P&A Manual is different	NA		
to that of CoF in that it contains info on miscibility (the percentage of the product which is	3		
soluble in water) and whether cargoes are suitable for cleaning by ventilation. That in CoF contains the conditions of carriage).			
02.01.22 - Is the library up to date and are all manuals and drawings prescribed in SMSM available?	Grade - Yes		
	NA		
02.01.23 - Is an up to date index of Company's Circulars available?	Grade - Yes		
	Electronic		
02.01.24 - Is a ship specific SOLAS training (LSA and FF) manual available in public	Grade - Yes		
spaces and up to date? Check crew awareness.			
	Messroom		
ry: 01.03 - Management Of Change - Document Control / Filing Syste			
ory: 01.03 - Management Of Change - Document Control / Filing Syste		Is Critical	Lin
	Answer Details Grade - Yes	Is Critical	Lin
Question 03.01.01 - Check SMS filing system. Is the SMS available to all prescribed positions and up to date?	Answer Details Grade - Yes NA	Is Critical	Lin
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Question 03.01.01 - Check SMS filing system. Is the SMS available to all prescribed positions and up to date? 03.01.02 - Check awareness of Officers for the filing system. Choose anyone of the department's files and ask an Officer to describe the numbering, the contained documents, the filing procedure, etc.	Answer Details Grade - Yes NA Grade - Yes NA	Is Critical	Lin
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Category: 01.04 - Familiarisation – Handing Over – Training And Evaluation Procedures

Question	Answer Details	Is Critical	Link
04.01.01 - Are familiarization, handover and all other relevant SMS forms properly filed and dully signed?	Grade - Yes		
	NA		
04.01.02 - Was there enough time for the familiarization of the new Master and Officers by their predecessors?	Grade - Yes		
	NA		
04.01.03 - Are the duties and responsibilities relevant to the SMS known and accepted by all personnel?	Grade - Yes		
	NA		
04.01.04 - Is the crew aware of the DPA/EMR name/contact details/duties and responsibilities?	Grade - Yes		
	NA		
04.01.05 - Does the crew communicate satisfactorily in a common language?	Grade - Yes		
	English		
04.01.06 - Is the crew aware of the various alarms and signals (general alarm, fire alarm, UMS alarm, fire identification alarm, Sprinkler alarm, St. Gear alarm, M/E alarms, Dead man alarm, watertight doors alarm, etc.). Are the emergency sound signals posted?	Grade - Yes NA		
04.01.07 - Check appraisals and crew members' comments on their evaluations.	Grade - Yes		
	Glade - Tes		
	NA		
04.01.08 - Are any issues (i.e. training needs) highlighted in appraisals given priority and resolved?			
	NA		
04.01.09 - Check implementation of the Training Plan. Ensure that crew training is undertaken within the specified time frame	Grade - Yes		
	NA		
04.01.10 - Has any training requirement been requested by employees? Check Company's response	Grade - No		
	NA		
04.01.11 - Check methods/aids and audiovisual aids used for training	Grade - Yes		
	NA		
04.01.12 - Is regular training to the use of LSA, FFE, critical systems and equipment, etc. and in survival at sea being undertaken? (Instructions given at drills and all the following			
shall be covered within 2 months: • Operation and use of inflatable liferafts; • Problems of hypothermia, first-aid treatment for hypothermia and other first-aid procedures; • Instructions for use of LSA in severe weather/sea conditions; • Operation/use of fire- extinguishing appliances, etc. Training on davit-launched liferafts & launching appliances at intervals of not more than 4 months).	5/9/2023		



NAGEMENT			
Question	Answer Details	Is Critical	Link
04.01.13 - Is vessel equipped with ECDIS? Have all Deck Officers attended relevant training courses?	Grade - Yes		
	NA		
04.01.14 - Check implementation of disciplinary procedures	Grade - Yes		
	NA		
04.01.15 - Does the Master immediately advise Company of signed on and off crewmembers particulars and amends the crew list accordingly?	Grade - Yes		
	NA		
04.01.16 - Are crew members timely replaced when they request so? What is the average interval required for effecting the replacement?	Grade - Yes		
	Per Contract 4-6		
to some 04.05 Emergency Responses And Dville			
tegory: 01.05 - Emergency Response And Drills			
Question	Answer Details	Is Critical	Link
05.01.01 - Are drills conducted as per schedule?	Grade - Yes		
	NA		
05.01.02 - Does the Master evaluate the result of every drill to identify training needs an lessons learnt?	d Grade - Yes		
	NA		
05.01.03 - Have these evaluations identified any training needs for the crew? Check follows up.	Grade - Yes		
	NA		
05.01.04 - Are the drills providing a comprehensive test of all communication and mobilization systems?	Grade - Yes		
	NA		
05.01.05 - Are drills scenarios credible, realistic and with varied content and duration?	Grade - Yes		
(i.e. Fire drills include: reporting to stations & preparing for duties described in muster	Glade - Tes		
list, starting a fire pump, using at least the 2 required jets of water, checking fireman's	NA		
outfit & other personal rescue equipment, checking relevant communication eq.,	NA		
watertight doors, fire doors, fire dampers & main inlets & outlets of vent. systems in drill			
area; and checking necessary arrangements for abandoning the ship).			
05.01.06 - Check that as far as is reasonable, rescue boats other than lifeboats which	Grade - Yes		
are also rescue boats are launched every 3 months with their assigned crew aboard and			
maneuvered in water.	NA		
05.01.07 - Are drills participants familiar and trained with their roles and responsibilities?			
Check awareness of Emergency Procedures and Duties/Muster list.	Ordue - 165		
	NA		



Question	Answer Detai	ls Is Cr	itical Li	.ink
05.01.08 - Who are the Company's Emergency Response Te	m members? Grade - Yes			
	NA			
05.04.00 la a sustana ta manida a 04 have dance na stabilita				
05.01.09 - Is a system to provide a 24-hour damage-stability a assessment service available (in-house or under contract)?	d structural-integrity Grade - Yes			
	NA			
05.01.10 - Where can you find information pertaining to third				
involved in emergencies (contact details for Rescue centers,				
consultants, Class societies, Flag States, etc.)? Check availa				
	ity and that information is INA			
up to date.				
05.01.11 - Has a SOPEP shore ship drill been carried out dur	g the last 12 months? Grade - Yes			
	20/09/2023			
05.01.12 - Check records of fire rounds after each watch. (A I	kout should not leave the Grade - Yes			
bridge during the watch).				
5 5 ··· - ·······	NA			
05.01.13 - Are all Officers aware of the emergency procedure				
spillage or fire involving the cargo? A sufficient number of the				
	to be trained in first ald			
for a sum a second and	NIA			
for cargoes carried. ory: 01.06 - Environmental Protection	NA			
ory: 01.06 - Environmental Protection			itical Li	ink
ory: 01.06 - Environmental Protection Question	Answer Detai	ls Is Cr	itical Li	.ink
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Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and respon	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA	ls Is Cr	itical Li	.ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices and response	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA	ls Is Cr	itical Li	.ink
Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and respon	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes	ls Is Cr	itical Li	ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities.	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes NA	ls Is Cr	itical Li	ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities. 06.01.04 - Check familiarity of personnel with environmental activities	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes NA	ls Is Cr	itical Li	.ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities.	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes NA pects, impacts and Grade - Yes	ls Is Cr	itical Li	.ink
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Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and responsibilities. 06.01.03 - Check implementation of environmental practices a shipboard activities. 06.01.04 - Check familiarity of personnel with environmental a targets. 06.01.05 - Are all responsibilities relevant to EMS known and	Answer Detai Grade - Yes NA bibilities. Grade - Yes NA d improvements into Grade - Yes NA pects, impacts and Grade - Yes NA	ls Is Cr	itical Li	ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities. 06.01.04 - Check familiarity of personnel with environmental a targets.	Answer Detai Grade - Yes NA bibilities. Grade - Yes NA d improvements into Grade - Yes NA pects, impacts and Grade - Yes NA	ls Is Cr	itical Li	ink
Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities. 06.01.04 - Check familiarity of personnel with environmental a targets. 06.01.05 - Are all responsibilities relevant to EMS known and accepted?	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes NA pects, impacts and Grade - Yes NA re they formally Grade - Yes NA	ls Is Cr	itical Li	.ink
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Ory: 01.06 - Environmental Protection Question 06.01.01 - Environmental Protection 06.01.02 - Identify the Company's EMR, his duties and response 06.01.03 - Check implementation of environmental practices a shipboard activities. 06.01.04 - Check familiarity of personnel with environmental a targets. 06.01.05 - Are all responsibilities relevant to EMS known and accepted?	Answer Detai Grade - Yes NA ibilities. Grade - Yes NA id improvements into Grade - Yes NA pects, impacts and Grade - Yes NA re they formally Grade - Yes NA	ls Is Cr	itical Li	ink



Question	Answer Details	Is Critical	Link
06.01.07 - Assess the policy, procedures, and current practices associated with the Master and C/E's capability to communicate regarding issues relating to the EMS with	Grade - Yes		
shore side personnel and the DPA, and review such communications.	NA		
06.01.08 - Are the legal and other requirements list properly updated to include all applicable legislation?	Grade - Yes		
	NA		
06.01.09 - Are purchasing and supply activities environmentally friendly?	Grade - Yes		
	NA		
06.01.10 - Assess the policy, procedures and current practices to ensure that vendors, technicians, and other non-crew members follow SMS and EMS requirements regarding	Grade - Yes		
pollution prevention and environmental protection.	NA		
06.01.11 - Check all EMS relevant records and reports.	Grade - Yes		
	NA		
06.01.12 - Are there oil spill trays installed below the bunkering manifold and the bunker tanks vent heads? Are the drain plugs in position?	Grade - Yes		
	NA		
06.01.13 - Is the Ballast Water Management Plan followed and are relevant records being maintained? Assess the policy, procedures and current practices.	Grade - Yes		
· · · · ·	Last Entry in Log - 19/9/2023		
06.01.14 - Check records of training of crew on Environmental issues. Assess the frequency/adequacy of shipboard pollution prevention and environmental protection	Grade - Yes		
meetings and training.	Last Entry in Log - 20/9/2023		
06.01.15 - Has the Garbage Record Book been correctly completed? Review garbage disposal receipts. Garbage Record Book is kept onboard 2 years. (Disposal into the sea	Grade - Yes		
of all plastics and incinerator ashes from plastic products is prohibited. If food waste is	NA		
being disposed overboard, there must be strict separation in the galley. Ash disposal			
ashore or at sea should be recorded (start finish time, position, quantity, receiver and			
signed by responsible officer and each page by Master). The burning of plastic			
containing vinyl or PVC below 800oC may produce toxic emissions. Garbage incineration is prohibited in Baltic Sea).			
06.01.16 - Are there garbage disposal instruction and pollution prevention signs posted?	Grade - Yes		
	NA		
06.01.17 - Are various hazardous solid waste (batteries, medical waste, fluorescent	Grade - Yes		
lamps, aerosol cans, chemical waste, old paint, pyrotechnics, fire detectors, plastic, etc.) adequately handled?	NA		
06.01.18 - Is the operating manual for the incinerator available? Check IMO type approval Certificate	Grade - Yes		
	NA		



NI			
Question	Answer Details	Is Critical	Link
06.01.19 - Are specific warning notices posted to safeguard against the accidental opening of the overboard discharge valve from the OWS? (The overboard valve should	Grade - Yes		
be sealed and provided with a notice indicating that the valve should not be opened without the authority of the C/E or Master).	NA		
06.01.20 - Check bunkering procedures and their documentation	Grade - Yes		
	NA		
06.01.21 - Check entries for bunkering in the Oil Record Book.	Grade - Yes		
	NA		
06.01.22 - Are bunker samples (identification, storage, disposal) taken as per SMS requirements?	Grade - Yes		
-	NA		
06.01.23 - Are Bunker Delivery notes taken in accordance with MARPOL requirements? Check sulphur content	Grade - Yes		
	NA		
06.01.24 - Are Officers aware of ECA requirements and Fuel Oil change procedures?	Grade - Yes		
	NA		
06.01.25 - Compare entries for bunker tanks soundings/ROB data in the E/R logbook with actual figures	Grade - Yes		
5	NA		
06.01.26 - Assess the adequacy and performance of the OWS, Incinerator, Sewage	Grade - Yes		
System and any other pollution prevention equipment to handle the quantities and types			
of wastes developed during normal operations (this includes evaluation of capacities for	NA		
all tanks or containers associated with the management of sludges, bilges and oily or			
other wastes. It includes evaluation of documentation tracking, maintenance and repair,			
modifications of all pollution prevention equipment and notifications of equipment failure			
to the Company. Assessment of adequacy and performance of OWS includes an			
operational test under actual operational conditions, as per manufacturer's			
recommendations. Test includes 1 hour of continuous processing of contents of Bilge			
Holding Tank without dilution, conducted in the presence of C/E or 2nd E/R. If an actual			
discharge is not feasible due to vessel's location, then discharge to be made to bilge or			
another tank as per procedures approved by Class. Soundings of Bilge Holding Tank to			
be made before and after the test and made a part of the audit record. All alarms to be			
recorded and retained and made a part of the audit record. All the above to be recorded			
in ORB)	Crada Vaa		
06.01.27 - Is the overboard discharge for the OWS secured?	Grade - Yes		
	NA		



Question	Answer Details	Is Critical	Link
06.01.28 - Are environmental tags on overboard and intermediate flanges installed as necessary? (Bilge-Aux. Boilers-Sewage-Sludge piping system)	Grade - Yes		
	NA		
06.01.29 - Are related E/R Officers aware of the OWS, Incinerator, and etc. operation?	Grade - Yes		
	NA		
06.01.30 - Check OWS, Incinerator, etc. maintenance records	Grade - Yes		
	NA		
06.01.31 - Date of last OWS test	Grade - Yes		
	17-9-2023		
06.01.32 - Are Incinerator operations regularly recorded?	Grade - Yes		
	ER Log Book		
06.01.33 - Compare entries for bilge/sludge tanks soundings in the E/R logbook with actual figures	Grade - Yes		
	NA		
06.01.34 - Assess the policy, procedures, current practices and equipment used to maintain refrigeration units, including availability and status of refrigerant recovery units,	Grade - Yes		
procedures for recovering refrigerants and maintenance of a leak log	NA		
06.01.35 - Check approved and up to date SOPEP/SMPEP/VRP	Grade - Yes		
	MIDSHIP		
06.01.36 - Is the oil pollution prevention equipment available to the SOPEP/SMPEP prescribed positions?	Grade - Yes		
	NA		
06.01.37 - Does the plan include a description of equipment, its location, a plan for deployment, and specific crewmember duties for handling small spills?	Grade - Yes		
	NA		
06.01.38 - Is the crew familiar with the use of the equipment and their duties according to the SOPEP/ SMPEP and emergency response plan?	Grade - Yes		
	NA		
06.01.39 - Is double sided printing in non-official printings encouraged?	Grade - Yes		
	NA		
06.01.40 - Are records concerning fresh water consumption kept?	Grade - Yes		
	NA		
06.01.41 - Are the E/R bilge alarm tests regularly carried out and recorded in the relevant Test Log?	Grade - Yes		
	NA		



Question	Answer Details	Is Critical	Link
06.01.42 - Are the bilge & sludge shore delivery receipts attached to the ORB?	Grade - Yes		
	NA		
06.01.43 - Do quantities on receipts agree with the corresponding ORB entries?	Grade - Yes		
06.01.44a - Are the following entries regularly carried out in the E/R Logbook - •	NA Grade - Yes		
Extraordinary operations related to the bunker and E/R FO and LO tanks (when			
occurred): Records of the problem commencement and resolving, the treatment followed	NA		
and waste products handling procedures must be kept 06.01.44b - Are the following entries regularly carried out in the E/R Logbook -	Grade - Yes		
Unintended/accidental release of water, FO, LO from any E/R machinery (when			
occurred): Records include leakage date, quantity released, root cause and corrective/preventive actions	NA		
06.01.45 - Is all equipment with oil to sea interface in good condition?	Grade - Yes		
	NA		
06.01.46 - Is there any oil leakage from the stern tube system? If yes, is it reported to the Company?			
· ·	NA		
06.01.47 - Check awareness of personnel about relevant SMS procedures	Grade - Yes		
	NA		
pry: 01.07 - Audits, Incidents, Ncrs, Near Misses, Etc			
Question	Answer Details	Is Critical	Link
07.01.01 - Is the annual schedule for internal audits sent onboard on time?	Grade - Yes		
	NA		
07.01.02 - Are audits performed in line with the audit schedule?	Grade - Yes		
07.01.03 - Is a near-miss reporting and hazards identification program followed and	NA Grade - Yes		
promoted?			
	NA		
07.01.04 - Are significant safety deficiencies that cannot be rectified by ships' staff immediately reported? Does a full assessment of the situation undertaken with	Grade - Yes		
Management before the operation can continue?	NA		
07.01.05 - Are deviations from agreed routines recorded and reported to Company for	Grade - Yes		
action if required?	NA		



Question	Answer Details	Is Critical	Link
07.01.06 - Is there a copy of the last vessel internal and external audit available?	Grade - Yes		
	Glade - Tes		
	NA		
07.01.07 - Check NCRs identified by the last internal and external audits	Grade - Yes		
	NA		
07.01.08 - Have all responsible personnel been informed on non conformities, near	Grade - Yes		
misses, etc	NA		
07.01.09 - Are all NCRs thoroughly investigated, analyzed and properly closed out?	Grade - Yes		
Ensure corrective/ preventive actions are implemented. Ensure that all actionable items			
have been closed out as soon as is reasonably practicable	NA		
07.01.10 - Are the Master and the Officers aware of the difference between non	Grade - Yes		
conformities, accidents and near misses? Are they aware of the reporting procedure?			
	NA		
07.01.11 - Has the Master or crew reported any NCRs, incidents or near misses? Check	Grade - Yes		
follow up	NA		
07.01.12 - Was any incident happened since last internal audit? If yes, check Company's			
reaction. Check all reports/records related to all incidents			
07.01.13 - Are conclusions from investigations used to reduce the risk of any recurrence	Grade - Yes		
or related incidents? Check Company's follow up of such incidents and assistance			
provided to the ship	NA		
07.01.14 - Are there at least 2 people on board who are capable of conducting incident	Grade - Yes		
investigations, risk assessments, etc.? (Check qualifications. Describe the basic steps to be followed during an investigation)	NA		
07.01.15 - Check records/database of all Risk Assessments conducted	Grade - Yes		
U. UI. 10 - Oncon records/database of all Mish Assessments conducted			
	Last Entry 08/07/2023		
07.01.16 - Are all recognized potential hazards or otherwise undesirable operations in	Grade - Yes		
the risk-assessment programs fully documented and used to improve the SMS?			
	NA		
ory: 01.08 - Health And Hygiene			
Question	Answer Details	Is Critical	Link
08.01.01 - Check Safety Officer's inspection records	Grade - Yes	10 0111001	
00.01.01 - Olieck Galety Oliicel's inspection records	Glaue - 165		



Question	Answer Details	Is Critical	Link
08.01.02 - Check periodic Health Risk Assessments/Job Hazards Analysis (monitoring of	Grade - Yes		
physical hazards, noise, inventorying hazardous materials, assessing human factors).			
Check health awareness campaigns to promote high standards of housekeeping and	NA		
hygiene?			
08.01.03 - Are public spaces, smoke rooms, mess rooms, sanitary areas, food	Grade - Yes		
storerooms/handling spaces, refrigerators, galleys and pantries clean, tidy and in a			
hygienic condition?(Sanitary facilities: Sufficient, not damaged, clean. Galley/handling	NA		
spaces: Clean, tidy and supply of hot & fresh cold water)			
08.01.04 - Are the galley's filters clean? (A cause of fires is accumulation of unburnt fuel	Grade - Yes		
or fatty deposits in galley ranges, within flue pipes & in filter cowls of galley vents. Oil &			
deep fat fryers fitted with thermostats to cut off the electrical power. Thermostats	NA		
working, fire damper at lowest duct position, fan stop outside galley, fire extinguisher, fire			
blanket, etc.)	Grade - Yes		
08.01.05 - Ensure that the arrangement in any working space is satisfactory to prevent accidents and that there are always free entrances/escapes to and from such spaces	Grade - Yes		
accidents and that there are always nee entrances/escapes to and north such spaces	NA		
08.01.06 - Is there an up to date inventory of medicines? (Locker as per flag	Grade - Yes		
requirements, no expired medicines)			
	NA		
08.01.07 - Check Hospital (venting, alarm system, WC, sterilization equipment,	Grade - Yes		
resuscitation equipment O2, instruction manual, filled spare cylinders, mask with straps,			
anti-AIDS kit, medical gloves, first aid kit, Int. Medical Guide, etc.)	NA		
08.01.08 - Is an Officer designated to take charge of medical care/hospital/medicines	Grade - Yes		
(Medical Officer)?			
	2nd Officer		
08.01.09 - Are Crew Medical Records available?	Grade - Yes		
00.04.40. Is the started an eterm as sitten membred 0	NA Orașila Maz		
08.01.10 - Is the stretcher store position marked?	Grade - Yes		
	NA		
08.01.11 - Is a permanent arrangement provided for lifting an unconscious person from	Grade - Yes		
the pump room, including provisions of a suitable stretcher or harness and is it in order?			
	NA		
08.01.12 - Is the Company D&A policy posted in the public spaces?	Grade - Yes		
	NA		
08.01.13 - Check records of the unannounced alcohol tests carried out by the Master to	Grade - Yes		
all crew members			
	NA		
08.01.14 - Record the date of the last unannounced D&A test by the external contractor			



Question	Answer Details	Is Critical	Lin
08.01.15 - Are adequate resources available to care for the welfare of crew?	Grade - Yes		
(Accommodation, rest/recreation facilities, hygiene, air conditioning, access to ship/shore			
medical facilities, eligibility for compassionate leave, etc.)	NA		
08.01.16 - Are the general condition, visual appearance and cleanliness of the external	Grade - Yes		
and internal spaces and the weather decks satisfactory?			
	NA		
08.01.17 - Are the accommodation spaces in good condition and clean? (Rails, cabin	Grade - Yes		
doors identified for each crew member, lifesaving labels, no uncovered lights, open			
doors securing hooks, ventilation & heating in order, etc.)	NA		
08.01.18 - Is the deck, internal and working spaces lighting adequate?	Grade - Yes		
00.01.10 - 13 the deck, internal and working spaces lighting adequate:	Oldde - Tes		
	NA		
08.01.19 - Are the provision refrigerator spaces alarms and thermometers in good order?			
0.01.19 - Ale the provision reingerator spaces alarms and thermometers in good order?	Glade - Tes		
	NA		
08.01.20 - Are posters/signs and other markings in proper places?	Grade - Yes		
00.01.20 - Are posters/signs and other markings in proper places?	Glade - Tes		
	NA		
08.01.21 - For vessels with an Ice Class notation: Are ALL crew provided with suitable	Grade - No		
clothing and training? (Vessels equipped to maintain temperature in accommodation,	Glade - No		
protect the hull, deck machinery, pipelines, ventilators, air inlets, sea inlets and ballast	NA		
	NA		
system against freezing. Means to receive and display ice charts & ice navigation info to			
be installed. Protection to prevent wheelhouse windows from freezing to be provided. If			
wheelhouse not totally enclosed, protected locations on bridge wings & searchlights on			
each bridge wing to be provided)			
08.01.22 - Are smoking regulations posted and being adhered to and are smoke rooms	Grade - Yes		
identified? (Designated smoking areas within accommodation or E/R should be agreed			
with the terminal. Notices should be posted in public areas stating which the smoking	NA		
areas for this port are, and each smoking area should be identified at the access to the			
area. Smoking areas should not have doors or ports that open directly on open decks)			
08.01.23 - Are all ports and doors into passageways kept closed except when in use?	Grade - Yes		
	NA		
08.01.24 - Are laundries free of accumulations of clothing that could constitute a fire	Grade - Yes		
hazard?			
	NA		
08.01.25 - Is the use of all mechanical lighters, mobile phones, portable lighters with	Grade - Yes		
electrical ignition sources, etc. prohibited?			
	NA		



Question	Answer Details	Is Critical	Link
09.01.01 - Are portable gas and oxygen analyzers appropriate to the cargoes being	Grade - Yes		
carried and are they in order? Check spares and suitable means for calibration. (At least			
2 oxygen, % volume hydrocarbon, LEL and toxic gas analyzers for enclosed space or	NA		
P/R entry. Vessels equipped with IG also carry 2 analyzers for measuring hydrocarbon			
content in an inert atmosphere.)			
09.01.02 - Are the portable gas and oxygen analyzers instruction manuals available?	Grade - Yes		
	NA		
09.01.03 - Are Officers familiar with their use and calibration? (Analyzers are checked for			
correct operation before each use. Nitrogen must generally be used when calibrating			
oxygen analyzers, but some multiple function analyzers use a test gas which serves all	NA		
the functions of analyzer with one sample gas and which has oxygen 20.9%. In case of			
hydrocarbon gas analyzers, the correct test gas specified by the manufacturer must be			
used and Officers must know what the result of using that test gas should be)			
09.01.04 - Check records of regular testing and calibration of portable analyzers, as per	Grade - Yes		
manufacturers' recommendations. (There must be a routine for the replacement of parts			
i.e. filters at recommended intervals. The use of a self-test facility does not necessarily	Last Test 26/08/2022		
mean that an analyzer is operating correctly. It is possible for a machine to satisfactorily	SHore 22/5/2023		
self-test, but then fail to register a lack of oxygen or the presence of gas. The only way to			
be sure that a machine is operating satisfactorily is to use a sample check gas. Crew to			
be aware whether or not these analyzers are in fact capable of doing so accurately. An			
analyzer designed to do so is the MSA Tankscope)			
09.01.05 - Where toxic gases may be encountered, are appropriate toxic gas detection	Grade - Yes		
analyzers available and in order? (Personal H2S gas monitoring instruments for			
personnel engaged in cargo operations is recommended. Two toxic gas detectors are	NA		
required on vessels carrying noxious liquids. There should be an adequate supply of			
valid tubes (e.g. Dragger tubes), specific to cargoes carried. An up to date inventory of			
tubes to be maintained. Personnel to be aware that some instrument sensors could be			
poisoned if exposed to high concentrations of CO2)			
09.01.06 - Is sufficient span calibration gas available for the fixed and portable analyzers	Grade - Yes		
onboard?			
	NA		
09.01.07 - Are hot work procedures in accordance with SMS requirements? Check Head	Grade - Yes		
Office approvals			
	NA		
09.01.08 - Are pump room entry procedures including the checking of the atmosphere			
being complied with? A notice should be displayed at the P/R entrance with entry			
requirements			
09.01.09 - Are all works for which a work permit is required carried out as per SMS	Grade - Yes		
procedures and latest industry requirements?			
	NA		



	Question	Answer Details	Is Critical	Link
	09.01.10 - Is the electric welding equipment in good condition and instructions/safety guidelines posted?	Grade - Yes		
		NA		
		Grade - Yes		
		NA		
egoi	y: 01.10 - Cargo And Other Operations			
	Question	Answer Details	Is Critical	Link
	10.01.01 - Are written procedures for Cargo/Ballast and transfer practiced/known?	Grade - Yes		
	······································			
		Compass SMS		
	10.01.02 - Is the vessel free of inherent intact stability problems? (T&S manuals deal	Grade - Yes		
	only with arrival and departure and crew members to be aware that stability problems			
	may exist at intermediate stages during cargo transfers. Ascertain that vessel meets IMO	NA		
	intact stability criteria by requesting the C/O to demonstrate, using the class approved			
	loading instrument, the intact stability at the worst case condition, i.e. all tanks slack and			
	max. free surface)			
	10.01.03 - Has a Cargo/Ballast plan been prepared (with detailed sequence of cargo and	Grade - Yes		
	ballast transfer) and followed?(It covers all stages of transfer operations and contains: quantity & grade of each parcel, density, temperature and other properties, a plan of	Discharge Plan 22/0/2022		
	distribution, lines & pumps to be used, transfer rates and max. allowable pressures,	Discharge Plan - 22/9/2023		
	critical stages of the operation, notice of rate change, venting requirements, stability &			
	stress info, drafts and trims, ballast operations, Emergency stop procedures, Emergency			
	spill procedures & spill containment & hazards of cargoes, and also, as required:			
	Precautions against static generation, initial start-up rates, control of cargo heating			
	systems, line clearing, COW procedures, UKC limits, bunkering & special precautions			
	required for the particular operation)			
	10.01.04 - Has the Cargo plan been signed by the watch Officers & Junior Officers to	Grade - Yes		
	indicate understanding?	NA		
-	10.01.05 - Are damage stability guidelines available? Is the Master aware of the worst	Grade - Yes		
	damage stability condition? (Damage stability is assessed under the IBC Code)	Glade - Tes		
		NA		
-		Grade - Yes		
	aware of the dangers of high free surface effects and the possibility of structural damage			
		NA		
		Grade - Yes		
	Company as required? Check forms/logbooks for completeness and accuracy of entries			
	i.e. hourly rates, over side and P/R checks, valve position checks, etc	NA		



Question	Answer Details	Is Critical	Link
10.01.08 - Is the ORB Part II updated as per MARPOL requirements?	Grade - Yes		
	NA		
10.01.09 - If a loading computer or program is in use, is it Class approved? (It should calculate SF & BM in any load or ballast condition at specified readout points and should	Grade - Yes		
indicate the permissible values	NA		
10.01.10 - Do records indicate that the loading computer is tested regularly for	Grade - Yes		
operational accuracy? (Class approved data should be used and the tests should be			
carried out at least quarterly)	Last Check 10/03/2023 (BV)		
10.01.11 - Is information on cargo loading limitations available?	Grade - Yes		
	Discharge Plan		
10.01.12 - Is information on maximum cargo loading rates and venting capacities posted in the CCR?	Grade - Yes		
	NA		
10.01.13 - Is the Cargo Record Book correctly completed and up to date? (When carrying chemicals under either a CoF or a NLS Cert.)	Grade - Yes		
	NA		
10.01.14 - When an unfamiliar cargo is to be carried, is there a procedure (e.g. risk assessment) to review the cargo safety aspects and handling procedures? (For each chemical carried a review of the carriage requirements should have been made in order to ensure that the cargo plan contains all necessary information for the safe carriage of the product. The review should reference: IBC Code Ch. 17, CoF, P&A Manual and MSDS)			
10.01.15 - Is a cargo compatibility chart available?	Grade - Yes		
	NA		
10.01.16 - Check records of calibration of key cargo instrumentation and temperature and pressure gauges	Grade - Yes		
	NA		
10.01.17 - Are legible and up to date pipeline and/or mimic diagrams of the cargo, IG and venting systems available in the CCR?	Grade - Yes		
	NA		
10.01.18 - Is a tank cleaning plan established prior to cleaning operations?			
10.01.19 - Is a completed ISGOTT Ship/Shore Safety checklist available and followed?	Grade - Yes		
	NA		
10.01.20 - Is the verbal communication between the ship and the shore adequate? Are records of regular communications checks with the shore maintained?	Grade - Yes		
records or regular communications checks with the shore maintained?	NA		



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Question	Answer Details	Is Critical	Link
10.01.21 - Are Material Safety Data Sheets (MSDS) posted/available for all the products	Grade - Yes		
(including Crude Oil) being handled and are all Officers familiar with their use?			
	Propane / Butane		
10.01.22 - If the vessel is COW, has a checklist been completed and a COW plan			
prepared and followed?			
10.01.23 - Are records maintained of previous COW operations?	Grade - No		
	NA		
10.01.24 - Do records indicate that the COW system has been pressure tested prior to use?			
10.01.25 - Is the person in charge of COW operations suitably qualified? (i.e.: (a) Have			
at least 1 year of experience with duties on discharge of cargo and COW. Where his			
duties have not included COW, he shall have completed training in COW as per Res.			
A.446 (XI); (b) Have participated at least twice in COW one of which on the particular or			
in a similar ship; and (c) Be knowledgeable of contents of the Operations & Equipment			
Manual)			
10.01.26 - Do records indicate that oxygen readings of the tanks to be crude oil washed			
have been checked by portable meter and found to be within maximum permissible			
10.01.27 - Are the trim, the drafts and the mooring arrangement been checked during	Grade - Yes		
cargo operations?	NA		
10.01.28 - Is the calculation of the cargo volume in each tank possible?	Grade - Yes		
10.01.20 - IS the calculation of the cargo volume in each tank possible?	Glade - Tes		
	NA		
10.01.29 - If applicable, please produce ODME print out. Is there evidence of recent			
testing?			
10.01.30 - If the ODME has not been operational, was the fact recorded in the ORB?			
(The time of, and reason for, the failure and the time when the system was made			
operational again should be recorded in the ORB)			
10.01.31 - Are decontamination showers and an eye-wash, where required, provided in	Grade - Yes		
marked locations? (For Chemical tankers on deck in convenient locations and operable			
in all ambient conditions)	NA		
10.01.32 - Is the type of foam compound suitable for the cargoes which the vessel is	Grade - Yes		
certified to carry? (Ship should be provided with a fixed deck foam system. Only one			
type of foam should be supplied. For cargoes for which foam is not effective or	NA		
incompatible, additional arrangements to the satisfaction of the administration should be			
provided. Regular protein foam should not be used)			
10.01.33 - Are weather forecasts received and assessed before commencing any	Grade - Yes		
operations?			
	NA		



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Question	Answer Details	Is Critical	Link
10.01.34 - Are emergency escape sets provided for every person on board, where required? (Ships intended for carriage of some Chemical cargoes shall be provided with	Grade - Yes		
suitable respiratory and eye protection for all on board: Filter type respiratory protection is unacceptable. SCBA duration of service>15 minutes. Emergency escape respiratory	NA		
protection should not be used for fire-fighting or cargo handling purposes and marked to that effect)			
10.01.35 - Is the accommodation air conditioning system maintained on partial re- circulation during cargo operations? (Accommodation should be kept under positive	Grade - Yes		
pressure to prevent entry of vapours. The operation of sanitary & galley extraction fans will cause vacuum, so the air conditioning intakes must not be kept fully closed)	NA		
10.01.36 - Are all required external doors, ports and windows kept closed in port? (If doors have to be opened for access, they should be closed immediately after use.	Grade - Yes		
Where practical, a single door to be used in port. Doors that must be kept closed to be	NA		
marked. Doors and openings can be open if vessel is storing provided there is no possibility of gas entering the accommodation and doors do not remain open for longer			
than necessary) 10.01.37 - Are all cargo hoses and lines in order, tested annually to the design working	Grade - Yes		
pressure and marked accordingly? Check records of all hose tests and inspections. Every 2.5 years, pipelines to be tested to 1.5 times of their designed working pressure.	Last Test - 21/7/2023		
(Each hose should be stenciled or marked with the date of testing, its specified max. working pressure and, if used in services other that the ambient temperature services, it	6		
max. and min. service temperature, as applicable. The specified max. working pressure should be>10 bar gauge. This requirement applies to cargo hoses delivered after 1/7/02			
Each hose should also be individually numbered) 10.01.38 - Are personnel aware of the requirements for the emergency shutdown system	n Grade - Yes		
(ESD)?			
10.01.39 - Is the ESD system tested prior to cargo transfer and are records maintained?	NA Grade - Yes		
10.01.40 - Is a log kept of I.G. operations, test and maintenance?	NA		
10.01.41 - Are the P/V valves in order, tight, inspected and cleaned as part of the PMS? (High jet cones and flaps should not be jacked open, particularly when loading. Verify	Grade - Yes		
that P/V valves are tight and venting system is operated as per SOLAS. High velocity	NA		
vents are not fitted with flame screens and their correct operation relies on a pressure buildup within the compartment, which opens the valve at a predetermined level and			
then results in gas exit velocity> 30 m/sec. This provides protection against passage of			
flame (speed 7.5 m/sec). Request the manual lifting of P/V valves. P/V valves are checked for free movement prior operation as per Ship to Shore Safety Check List. Date			
of last overhaul			



Question	Answer Details	Is Critical	Link
10.01.42 - Check records of cargo system and equipment maintenance, including the overhaul of the non-return valve or equivalent fitted forward of the deck water seal, with	Grade - Yes		
positive means of closure. (As an alternative, an additional valve having such means of closure may be provided forward of the non-return valve to isolate the deck water seal from the IG main)	NA		
10.01.43 - Are cargo pumps and associated equipment fully operational?	Grade - Yes		
	NA		
10.01.44 - Are scuppers properly plugged and is the deck area free of oil?	Grade - Yes		
	NA		
10.01.45 - Are safety procedures related to cargo operations strictly adhered?	Grade - Yes		
	NA		
10.01.46 - Are Ship-to-Ship transfer checklists completed and SMS procedures implemented (if applicable)? (Five checklists are used at time of transfer and when operation is planned: 1. Pre-fixture information; 2. Before operations commence; 3.			
Before run-in and mooring; 4. Before cargo transfer; and 5. Before unmooring)			
10.01.47 - Have senior deck Officers had open-water STS transfer experience within the last 12 months?			
10.01.48 - Are procedures provided for STS operations as per OCIMF/ICS STS Transfer Guide?			
10.01.49 - Please explain the voyage files for the last voyage.	Grade - Yes		
	NA		
10.01.50a - Are voyage instructions and guidelines forwarded to the vessel regarding - Details for the next port and the attending agent?	Grade - Yes		
	NA		
10.01.50b - Are voyage instructions and guidelines forwarded to the vessel regarding - Possible mooring and depth restrictions for the next port of call?	Grade - Yes		
	NA		
10.01.50c - Are voyage instructions and guidelines forwarded to the vessel regarding - Information and Safety Data Sheets for the next cargo?	Grade - Yes		
	NA		
10.01.50d - Are voyage instructions and guidelines forwarded to the vessel regarding - Cargo loading / unloading particular requirements for the next cargo?	Grade - Yes		
	NA		
10.01.50e - Are voyage instructions and guidelines forwarded to the vessel regarding - Expected bunkering operations?	Grade - Yes		
	NA		



Question	Answer Details	Is Critical	Link
10.01.50f - Are voyage instructions and guidelines forwarded to the vessel regarding - Special navigation and sea traffic information?	Grade - Yes		
	NA		
10.01.50g - Are voyage instructions and guidelines forwarded to the vessel regarding - Expected crew changes at next port?	Grade - Yes		
	NA		
10.01.50h - Are voyage instructions and guidelines forwarded to the vessel regarding - Type and quantity of spare parts forwarded for delivery to the next port of call, etc.	Grade - Yes		
	NA		
10.01.51 - Check awareness of crew for SMS procedures related to Static electricity precautions. (When a tank is maintained in an inert condition, when static non-	Grade - Yes		
accumulator cargoes are being handled, or when the tank atmosphere is non-flammable, no anti-static precautions are necessary. Question should only be completed for vessels			
carrying static accumulator cargoes in non-inert tanks. Static accumulator cargoes are all those except fuel with anti-static additive, heavy black fuel oils, crude oil, alcohols,			
ketones, residual fuel oils, black diesel oils and asphalts (bitumen). Some chemicals are known static accumulators i.e. Cumene, Cyclohexane, Diethylether, Heptanes, MTBE,			
Nonene, Octenes, Styrene, Toluene and Xylene. In case of doubt it shall be assumed that a product is a static accumulator)			
10.01.52 - Are precautions relating to maximum flow rates during initial loading being	Grade - Yes		
observed? (Depending upon the trade, a number of loading rates need to be determined for each cargo tank, which will be dependent on max. flow rates in cargo lines for	NA		
different products and loading operations. The following flow rates may need to be calculated for each section of the cargo system: • A loading rate based on a linear			
velocity of 1 m/sec. at the tank inlet for the initial loading rate for static accumulator cargoes into non-inerted tanks; • A loading rate based on a linear velocity of 7 m/sec. for			
bulk loading static accumulator cargoes into non-inerted tanks; • A loading rate based on			
a linear velocity of 12 m/sec. for loading non-static accumulator cargoes and also for loading static accumulator cargoes into inerted tanks. This velocity is provided for			
guidance and is considered as a rate above which pipeline erosion may occur at pipe joints and bends)			
10.01.53 - Are required relaxation periods being observed?	Grade - Yes		
	NA		
10.01.54 - Are metal tapes, UTI tapes, and other gauging or sampling devices bonded			
before being introduced into tanks?(UTI tapes which have quick couplings to connect the unit to the vapour lock may not require bonding wires. However, the internal bonding of			
such units should be checked every 6 months as per manufacturer's requirements)			
10.01.55 - Are natural fiber ropes, as opposed to synthetic, used for dipping etc.? (Dipping, ullaging or sampling with non-metallic equipment lowered on clean natural fiber	Grade - No		
line is permissible at any time)	NA		



INAGENIEINI				
Question		Answer Details	Is Critical	Link
	hoses are used, are continuity tests carried out and	Grade - No		
	washing hoses should have a bonding wire within	NA		
	marked to allow identification. A record to be kept rical continuity testing. Hoses tested for electrical	NA		
	use for tank cleaning. Resistance<6 ohms per meter			
length)	. .			
	ided? (All gasketed cargo pipe joints and hose	Grade - Yes		
	onded. Some gaskets are electrically conductive and	NA		
bonding is not required)	sonnel about relevant SMS procedures	Grade - Yes		
		Last Safety Meeting 31/08/2023		
	• • • • • • • • • • • • • • • • • • • •			
tegory: 01.11 - Mooring And And	cnoring			
tegory: 01.11 - Mooring And And	choring			
tegory: 01.11 - Mooring And And	cnoring	Answer Details	Is Critical	Link
Question	ng equipment completed annually as per PMS?	Answer Details Grade - Yes	Is Critical	Link
Question 11.01.01 - Is maintenance of moorir Check records of inspection and ma	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses,	Grade - Yes	Is Critical	Link
Question 11.01.01 - Is maintenance of moorir Check records of inspection and ma winches, wires, etc. (Splicing of rope	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%.		Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of	Grade - Yes	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of on wires in any strand, or 5 in any adjacent strands in	Grade - Yes Last Check 7/9/2023	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re-	Grade - Yes Last Check 7/9/2023	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet splicing. Check routine for maintena	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re- ance & lubrication of wires. Individually identified &	Grade - Yes Last Check 7/9/2023	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet splicing. Check routine for maintena tagged mooring lines allow tracing.	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re-	Grade - Yes Last Check 7/9/2023	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet splicing. Check routine for maintena tagged mooring lines allow tracing. Vessel MUST be fitted with closed of 11.01.02 - Are certificates available	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re- ance & lubrication of wires. Individually identified & A log of where they are deployed to be maintained. chocks. Smit type brackets are NOT acceptable) for all mooring ropes and wires? (A file showing the	Grade - Yes Last Check 7/9/2023	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet splicing. Check routine for maintena tagged mooring lines allow tracing. Vessel MUST be fitted with closed of 11.01.02 - Are certificates available locations of the winches should be r	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re- ance & lubrication of wires. Individually identified & A log of where they are deployed to be maintained. chocks. Smit type brackets are NOT acceptable) for all mooring ropes and wires? (A file showing the maintained. Test certificates for mooring lines,	Grade - Yes Last Check 7/9/2023 Grade - Yes	Is Critical	Link
Question 11.01.01 - Is maintenance of moorin Check records of inspection and ma winches, wires, etc. (Splicing of rope Splices in eyes and for repairs shou mooring wires. If more than 3 broke a length of wire 10 times the diamet splicing. Check routine for maintena tagged mooring lines allow tracing. Vessel MUST be fitted with closed of 11.01.02 - Are certificates available locations of the winches should be r	ng equipment completed annually as per PMS? aintenance of mooring bitts, ropes, windlasses, es is acceptable but reduces strength by 10%. Ild have a min. of 5 tucks. Attention to eyes of an wires in any strand, or 5 in any adjacent strands in ter, the damaged part requires removal & the wire re- ance & lubrication of wires. Individually identified & A log of where they are deployed to be maintained. chocks. Smit type brackets are NOT acceptable) for all mooring ropes and wires? (A file showing the	Grade - Yes Last Check 7/9/2023	Is Critical	Link



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	Question	Answer Details	Is Critical	Link
1	11.01.03 - Check records of tests of winch brakes. (Winch brakes MUST be tested	Grade - Yes		
	annually and the proper setting recorded. Winch brakes are normally designed to hold			
	80% of the line's min. breaking load and will be set in service to hold 60% of mooring	12/8/2023		
	ine's min. breaking load. Brake holding capacity may be expressed in tonnes or as a			
	percentage of a line's min. breaking load. The primary brake to be set to hold 60% of			
	mooring line's min. breaking load. New equipment to be designed to hold 80% of line's			
	min. breaking load, but can be adjusted down to 60%. Ideally, a brake should hold and			
	render within a very small range and once it renders, should shed only enough load to			
	bring the line tension back to a safe level. The band brake with screw is marginally			
	satisfactory and requires care. Specifications to be available on winch drum to show the			
	design holding capacity and the torque required on hand wheel or lever to achieve this.			
	Where self-storing winches are fitted check awareness of the need to monitor the brake			
	nolding capacity to ensure that brakes will render well before ropes reach their min.			
	breaking load and part. If mooring lines have a min. breaking load in excess of that for			
	which the winch was originally designed, the brakes shall be set to render at 60% of min.			
	breaking load of mooring line for which the winch was designed. If the overstrength line			
1	s of a greater diameter than the mooring line, full stowage on the drum must be made			
	and in the case of split-drum winches, must not result in excess layers on the tension			
	part of the drum when in use)			
	11.01.04 - Are there emergency towing arrangements readily available for deployment	Grade - Yes		
	forward and aft?	Glade - Tes		
		NA		
	11.01.05 - Are the emergencies towing-off wires (fire wires) of appropriate size, in a	Grade - Yes		
	satisfactory condition and do they conform to OCIMF recommendations?			
		NA		
	11.01.06 - Is there a record of routine risk assessment to ensure that all anticipated	Grade - Yes		
	mooring arrangements and equipment ensure the safety of shipboard personnel?			
		NA		
	11.01.07 - Are there spare mooring ropes and wires available?	Grade - Yes		
		NA		
	11.01.08 - Is sufficient crew on board at all times to attend moorings?	Grade - Yes		
_		NA		
	11.01.09 - Are there records of the inspection and maintenance of mooring bitts, mooring	Grade - Yes		
	ropes, windlasses, mooring winches, wires and equipment and are they in good			
	condition?	NA		
	11.01.10 - Are moorings satisfactorily deployed and tended?	Grade - Yes		
		NA		
-				



Question	Answer Details	Is Critical	Link
11.01.11 - Are the mooring ropes properly reeled to the winch drums and secured/turned up correctly to the bitts (one turn prior to figures of eight etc.)?	d Grade - Yes		
	NA		
11.01.12 - Are all powered mooring lines secured on brakes and are the winches out of gear?	Grade - Yes		
	NA		
11.01.13 - On split drum winches are all the lines made fast with no more than one layer on each tension side of the drum?	Grade - Yes		
	NA		
11.01.14 - If mooring tails are fitted to wires, do they have proper connecting links and are they correctly fitted?			
11.01.15 - Are all mooring lines stowed neatly to minimize tripping hazards and are mooring areas clear and unobstructed?	Grade - Yes		
	NA		
11.01.16 - Do mooring winch foundations, brake linings, drums and pins in a satisfactory condition?	/ Grade - Yes		
	NA		
11.01.17 - Are bitter end securing arrangements unobstructed and outside the chain locker?	Grade - Yes		
	NA		
11.01.18 - Are the rollers rotating freely?	Grade - Yes		
	NA		
11.01.19 - Are the anchors ready for use? (anchor chain cables and stoppers in good condition)	Grade - Yes		
	NA		
11.01.20 - Are anchors and chains in good condition?	Grade - Yes		
	NA		
11.01.21 - Other Comments	FWD Windlass has leak on Seal for Control Block		
	NA		
egory: 01.12 - Deck – Deck Officers And Crew			
Question	Answer Details	Is Critical	Link
12.01.01 - Are all deck openings, watertight doors, portholes, etc., in order and capable of being properly secured?	Grade - Yes		
or being property secured:	ΝΙΔ		



Question	Answer Details	Is Critical	Link
12.01.03 - Are all alarms regularly tested (with the main and emergency source of power) and in order?	Grade - Yes		
·····	NA		
12.01.04 - Is the vessel equipped with sufficient number of intrinsically safe portable radios? (to allow communications between CCR, the deck officer, the deck watch,	Grade - Yes		
Master and the pumpman)	NA		
12.01.05 - Are the portable pumps on deck ready for use?	Grade - Yes		
	NA		
12.01.06 - Is personal protective equipment provided and being worn by all personnel, as appropriate?	Grade - Yes		
	NA		
12.01.07 - Are all hand torches approved for use in gas-hazardous area?	Grade - Yes		
	NA		
12.01.08 - Is all loose gear on deck, in stores and in internal spaces properly secured?	Grade - Yes		
	NA		
12.01.09 - Are all emergency systems & equipment operational and are starting/operating instructions posted?	Grade - Yes		
	NA		
12.01.10 - Are all Officers familiar with LSA, FFE and all emergency and critical systems/equipment?(I.e. main and emergency fire pumps, steering gear in emergency	Grade - Yes		
mode, donning and use of BA and oxygen resuscitation eq., etc.)	NA		
12.01.11 - Are alleyways free of obstructions and exits clearly marked?	Grade - Yes		
	NA		
12.01.12 - Are the cables switchboards and other electrical equipment protected from spray and in order?	Grade - Yes		
	NA		
12.01.13 - Is the fire plan available in the accommodation and in watertight containers outside the accommodation P&S? Does it correspond to the actual vessel condition? Is a	Grade - Yes		
crew list included?	NA		
12.01.14 - Are the fire doors operating satisfactorily?	Grade - Yes		
	NA		
12.01.15 - Are the Oxygen / Acetylene bottles located to a dedicated, marked and ventilated space, outside of the accommodation and the E/R? Are there instructions and	Grade - Yes		
warnings signs posted (bottles to be closed when not in use)?	NA		
12.01.16 - Are vent fire flaps, vent fan stops and funnel dampers marked and in good condition?	Grade - Yes		
	NA		



NI			
Question	Answer Details	Is Critical	Link
12.01.17 - Are the ventilation ducts and air pipes marked with serving space name and equipped with satisfactory closing arrangements?	Grade - Yes		
- 1	NA		
12.01.18 - Are inspection records for the Fixed Gas detection equipment available?	Grade - Yes		
	Last Check - 26/08/2023		
12.01.19 - Are the muster stations clearly marked?	Grade - Yes		
	NA		
12.01.20 - Are updated muster lists displayed on the bridge, E/R and accommodation spaces(to show duties assigned to crew: •Closing of watertight doors, fire doors, valves,	Grade - Yes		
scuppers, side scuttles, portholes, etc.; • Equipping of survival craft and other LSE; •	NA		
Preparation and launching of survival craft; • General preparations of other LSE; •			
Muster of passengers; • Use of communication eq.; • Manning of fire parties assigned to			
deal with fires; and • Special duties assigned for use of FFE and installations. The			
muster list to specify which officers are assigned to ensure that LSA and FFE are in			
order/ ready for use and their substitutes. To be prepared before ship proceeds to sea)			
12.01.21 - Are ship-specific LSA maintenance instructions available and are weekly,	Grade - Yes		
monthly, etc. inspections being carried out? (A report of the inspection to be entered in			
the logbook. Instructions illustrated when possible and include for each appliance: •	Weekly / Monthly		
Maintenance & repair instructions; • A schedule of periodic maintenance; • A diagram of lubrication points with recommended lubricants; • A list of replaceable parts; and • A list			
of sources of spare parts)			
12.01.22 - Are there instructions for the use of the LSA and lifejacket donning	Grade - Yes		
instructions been posted in prominent locations?			
	NA		
12.01.23 - Are the positions of the lifejackets marked?	Grade - Yes		
	NA		
12.01.24 - Are the lifejackets available to the forward store, the bridge and the engine	Grade - Yes		
control room in order, equipped with light, whistle and reflective tape and is the vessel's			
name written on them?	NA		
12.01.25 - Are immersion suits in order? Are they distributed as per SOLAS	Grade - Yes		
requirements?			
	NA		
12.01.26 - Are lifeboat and liferaft operating instructions displayed? (Be easily seen under emergency lighting conditions)	Grade - Yes		
5,55,7	NA		
12.01.27 - Are liferafts secured correctly, in good condition and ready for use?	Grade - Yes		
	NA		



Question	Answer Details	Is Critical	Link
12.01.28 - Is there a manrope available to the forward liferaft?	Grade - Yes		
	NA		
12.01.29 - Are the liferaft hydrostatic release units valid, in good condition and correctly mounted?	Grade - Yes		
	NA		
12.01.30 - Is the rescue boat, including its equipment and launching arrangement in order?	Grade - Yes		
	NA		
12.01.31 - Are the lifeboats and their equipment in order and ready for use? (Check for expired equipment)	Grade - Yes		
	NA		
12.01.32 - Is there a maintenance and test schedule for lifeboat on-load release gear?	Grade - Yes		
	NA		
12.01.33 - Are the lifeboat embarkation ladders in good condition and ready for use?	Grade - Yes		
	NA		
12.01.34 - Check the "man-overboard" lifebuoys and the release device	Grade - Yes		
	NA		
12.01.35 - Are safety signs used according to IMO requirements?	Grade - Yes		
	NA		
12.01.36 - Are lifebuoys, lights, buoyant lines, quick release mechanisms and self-	Grade - Yes		
activating smoke floats in order? (Lifebuoys shall be: • So distributed as to be available			
on P&S and as far as practicable on all open decks extending to ship's side; • At least	NA		
one to be placed in vicinity of stern; and • Capable of being rapidly cast loose and not			
permanently secured. At least one lifebuoy on each side of the ship to be fitted with a buoyant line>twice the height at which it is stowed above waterline in lightest seagoing			
condition, or 30 m. whichever is greater. Half of total lifebuoys provided with self-igniting			
lights. Two also provided with lifebuoy self-activating smoke signals capable of quick			
release from bridge. Lifebuoys with lights & those with lights & smoke signals to be			
distributed equally on P&S and shall not be the lifebuoys provided with lifelines.			
Lifebuoys intended to operate the quick-release arrangement provided for the self-			
activated smoke signals and self-igniting lights shall have a sufficient mass)			
12.01.37 - Are there instructions for the use of the FFE been posted in prominent locations?	Grade - Yes		
	NA		
12.01.38 - Are the fire lockers / stations marked and fully equipped?	Grade - Yes		
	NA		



 Question	Answer Details	Is Critical	Link
12.01.39 - Are the fire extinguishers in order, valid and operating instructions posted on them?	Grade - Yes		
	NA		
12.01.40 - Are the fireman outfits in order and their position clearly marked?	Grade - Yes		
	NA		
12.01.41 - Are the BA sets ready for use and their bottles full? Are there spare bottled available?	Grade - Yes		
	NA		
12.01.42 - Is there a BA compressor available and in order?	Grade - Yes		
	NA		
12.01.43 - Are the fire pumps and the emergency fire pump operational and starting/operating instructions posted?	Grade - Yes		
	NA		
12.01.44 - Are hoses and nozzles in order and ready for use? (Randomly select and check isolating valves)	Grade - Yes		
	NA		
12.01.45 - Is there firefighting equipment available in the paint store and in good condition? (Fixed automatic or manually activated system or portable fire extinguisher)	Grade - Yes		
	NA		
12.01.46 - Are EEBD's in accommodation (at least 2), P/R and E/R in order and ready	Grade - Yes		
for use? Training in their use is mandatory. Spares shall be kept. (Duration>10 minutes. Instructions or diagrams illustrating their use to be printed on EEBD. An EEBD, when	NA		
stored, shall be protected from environment. Maintenance requirements, serial No. , date			
of manufacture and shelf life to be also printed. Training EEBD's to be marked)			
12.01.47 - Are ship-specific FFE maintenance instructions available and are weekly,	Grade - Yes		
monthly, etc. inspections being carried out? Check maintenance, testing and inspections.			
(Maintenance plan to include: Fire mains, fire pumps & hydrants, hoses, nozzles & Int.	NA		
shore connections; Fixed fire detection & fire alarm systems; Fixed fire extinguishing			
systems & other fire extinguishing appliances; Automatic sprinkler, Vent. systems, including fire & smoke dampers, fans and their controls; Emergency shutdown of fuel			
supply; Fire doors and their controls; General emergency alarm systems; EEBDs;			
Portable fire extinguishers and spares; Fire fighter's-outfits; IG systems; Deck foam			
systems; Fire safety arrangements in cargo pump rooms; and Flammable gas detectors)			
12.01.48 - Check ship-specific fire safety operational booklets. (With crew's	Grade - Yes		
responsibilities for general fire safety while loading & discharging cargo & while under	NA		
provisions for preventing fire spread to cargo area due to ignition of flammable vapours			
and procedures for cargo tank gas-purging and/or gas-freeing)			
way. It shall provide reference to pertinent firefighting & emergency cargo handling instructions of IBC Code, IGC Code and IMDG Code, as appropriate. It shall include provisions for preventing fire spread to cargo area due to ignition of flammable vapours	NA		



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Question	Answer Details	Is Critical	Link
12.01.49 - Are fixed fire detection & alarm systems in order and tested regularly? (There	Grade - Yes		
shall be a procedure for whenever a zone of fire detection is isolated to ensure that			
relevant crew is aware of isolation & reason and to ensure that zone is reinstated asap.	26/8/2023		
The E/R shall not be operated unmanned with any zone in space isolated. Spaces not			
covered by fire detection shall be covered by regular fire patrols. Such patrols shall not			
utilise bridge lookout during darkness)			
12.01.50 - Are the locations of LSE and FFE marked with IMO symbols and operating	Grade - Yes		
instructions posted (easily seen under emergency lighting conditions, symbols in			
accordance with IMO Res.A760)? (Containers, brackets, racks and stowage locations	NA		
shall be marked. If more than one device is stowed in a location, the number of devices			
shall also be indicated)			
12.01.51 - Are all cargo derricks, cranes and other lifting equipment in order, marked	Grade - Yes		
(SWL) and has periodical testing and inspection been carried out? Check records and			
Register/Certificates of Lifting Appliances. Check records of operators' training (Cargo	NA		
lifting eq. shall be load tested every 5 years & examined by a competent person			
annually. Other lifting eq. is not regulated except as required by Class, but shall be			
tested and examined similarly. The min. SWL for which test is required is 1 ton. A Chain			
Register is not required, but there must be records supporting test and examination)			
12.01.52 - Check records of regular inspection and testing of lifting devices, wire slings,	Grade - Yes		
cranes, portable and beam chain blocks, pad eyes, lifting beams etc			
	NA		
12.01.53 - Is the Garbage Management Plan followed? Is the relevant training been	Grade - Yes		
carried out? (Garbage collection points, garbage segregation / handling / disposal). If an			
incinerator is installed is the ash disposal ashore or at sea been recorded (start finish	NA		
time, position, quantity, receiver and signed by responsible officer and each page by the			
master. Book is kept on board for 2 years)			
12.01.54 - Are there portable approved radios available and operational for	Grade - Yes		
mooring/cargo operations?	N14		
40.04 FF And Officers families with an antice of the standard many in the second	NA Orașla Mar		
12.01.55 - Are Officers familiar with operation of the steering gear in the emergency	Grade - Yes		
mode?	N14		
	NA		
12.01.56 - Do decks in working areas have clearly identified non-slip surfaces?	Grade - Yes		
40.04.57. Is the ballicenter leveling twice bing an analysis	NA Orașla Mar		
12.01.57 - Is the helicopter landing /winching space marked?	Grade - Yes		
	NA		
40.04.50 Is dealers II weight is a longing to the lines of a left fitting of a \0	NA Oracla Mar		
12.01.58 - Is deck well maintained (main deck, pipe lines, deck fittings etc.)?	Grade - Yes		
	ΝΑ		
	NA		



Question	Answer Details	Is Critical	Link
12.01.59 - Check awareness of the department personnel about relevant procedures.	Grade - Yes		
	NA		
jory: 01.13 - Bridge			
Jory Torrito Dridgo			
Question	Answer Details	Is Critical	Link
13.01.01 - Is the bridge ventilation and lighting satisfactory?	Grade - Yes		
	NA		
13.01.02 - Is there adequate lighting, ventilation, ITU publications, electric shock card & clock on the Bridge?	Grade - Yes		
•	NA		
13.01.03 - Are there fire extinguishers available on the bridge and in the radio room?	Grade - Yes		
	NA		
13.01.04 - Is the watch schedule posted on the bridge?	Grade - Yes		
	NA		
13.01.05 - Are the duties of the watch-standing officers and ratings defined/posted?	Grade - Yes		
	NA		
13.01.06 - Are the Master's day and night standing orders posted? Have the deck	Grade - Yes		
officers countersigned them as being read and understood?			
	NA		
13.01.07 - Is a look-out maintained at all times when the vessel is at sea? (The OOBW may be the sole look-out in daylight provided that on each occasion: The situation has	Grade - Yes		
been assessed and it has been established that it is safe to do so; Full account has bee	n NA		
taken of all relevant factors i.e. weather, visibility, traffic density, proximity of dangers to			
navigation and attention necessary when navigating in or near traffic separation			
schemes; Assistance is available to be summoned to bridge when any change so requires).			
13.01.08 - Is navigation and position fixing equipment in order? Are the weekly, monthly	Grade - Yes		
etc. checks carried out and recorded?			



Question	Answer Details	Is Critical	Link
13.01.09 - Are periodical tests of communications equipment being carried out? (Tests to be carried out: Daily: • The proper functioning of the DSC facilities without radiation of	o Grade - Yes		
signals; • Battery voltage checks; • Printers.Weekly: • Function of DSC by means of a test call when within communication range of a coast station; • Where the reserve source of energy is not batteries, the reserve source to be tested.	07/09/2023 9		
Monthly: • Each EPIRB tested to determine its capability to operate properly using the means provided on device and without using the satellite system; • Each SART using the	9		
 in-built test facility and checked for security & signs of damage; • The security and condition of all batteries providing a source of energy for any part of the radio installation • The condition of all aerials and insulators; • Each survival craft two-way VHF 	;		
equipment, on a frequency other than channel 16) 13.01.10 - Are there operating instructions posted for the various navigation and communication eq.?	Grade - Yes		
	NA		
13.01.11 - Are the various alarms operational? Check alarms test schedules, checks carried out and dates/signatures.	Grade - Yes		
·	Alarms Every Saturday		
13.01.12 - Is the bridge visibility adequate, the wiper window operational and the side doors close gastight?	Grade - Yes		
	NA		
13.01.13 - Are all check lists related to navigation correctly completed and properly filed	? Grade - Yes		
	NA		
13.01.14 - Are all OOBW aware with the procedures related to these check lists?	Grade - Yes		
	NA		
13.01.15 - Is the Bridge log book correctly maintained with all required entries in ink and is a record being kept of all the navigational activities and incidents, both at sea and	Grade - Yes		
under pilotage? (Position, course and speed, times and positions when passing waypoints, land or sea marks, weather and sea conditions, incidents, pilot	NA		
embarkation/disembarkation, times of attendance and connection /disconnection of tugs times of berthing/unberthing, etc. An electronic chart display system with GPS input	,		
(provided the equipment is in order and the datum used in each case is the same)			
provides a good record of the navigational activities)	Crede Vee		
13.01.16 - Is the Radar log properly maintained?	Grade - Yes		
	In Deck Logbook		
· · · · ·			
13.01.17 - Is there a flag locker equipped with complete set of signalling flags?	Grade - Yes		



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	Question	Answer Details	Is Critical	Link
	I3.01.18 - Is the wheelhouse poster/ship's maneuvering characteristics posted on the oridge?	Grade - Yes		
	0	NA		
	3.01.19 - Are procedures for the testing of bridge equipment before arrival and departure followed?	Grade - Yes		
		NA		
-	3.01.20 - Is the steering gear auto to manual change-over and emergency steering	Grade - Yes		
	change-over procedure posted?			
		NA		
	3.01.21 - Is there a magnetic compass deviation card available and posted (updated annually)? Do errors recorded in compass error book agree (difference< 3 degree) with	Grade - Yes		
	he deviation card? Are gyro and magnetic compass errors being taken at every watch	NA		
	and are they being recorded? (A comparison between magnetic & gyro headings shall			
	be made at each course alteration & recorded in Bridge Logbook. Where weather			
	conditions or traffic density makes it impractical, this should be noted in Bridge Logbook.			
	or Compass Error Book. The error of gyro shall be determined by external observations,			
	celestial bearings, transits etc. and the gyro & magnetic compass headings then			
	compared to determine the magnetic compass error. Where a gyro repeater is used to			
	ake a bearing, an accurate comparison between the repeater & master gyro shall be			
	nade)			
	3.01.22 - Are all compass repeaters correctly adjusted? Are the indications of all gyro	Grade - Yes		
	compass repeaters same with master gyro compass?			
		NA		
	13.01.23 - Is the GMDSS distress alarm operational and regularly tested?	Grade - Yes		
		NA		
	3.01.24 - Is the GMDSS shore based maintenance contract available and valid?	Grade - Yes		
		NA		
	3.01.25 - Is the GMDSS Log being maintained correctly? (The following to be recorded:	Grade - Yes		
	A summary of distress, urgency & safety communications; • Important incidents relating			
	o radio service; • Where appropriate, the position of ship at least once per day; • A	NA		
	summary of condition of radio eq., including its sources of energy; • Personnel assigned			
	esponsibility for sending a distress alert instructed to operate properly all radio eq.; •			
	Vecessary info on use of radio eq. to relevant crewmembers; • Pre-sailing checks to			
	ensure all equipment is in working condition; • Results of testing of DSC distress & safety			
	adio eq. by means of a test call at least once a week; • Results of testing of distress &			
	safety radio eq. by means of test at least once each day but without radiating any signal;			
	The on-load and off-load daily test of batteries; • Results of weekly hydrometer or load			
1	est of batteries; • Results of monthly security check of each battery and its connections)			



swer Details	Is Critical	Link
de - Yes		
de - Yes		
de - Yes		
da - Vas		
de - Yes		
de - Yes		
de - Yes		
ue - res		
	le - Yes le - Yes le - Yes le - Yes le - Yes le - Yes	le - Yes le - Yes le - Yes le - Yes le - Yes le - Yes le - Yes



IENT				
C	Question	Answer Details	Is Critical	Link
	3.01.35 - Are there more than one position fixing methods used/charted, where ossible? Was radar parallel indexing used to monitor the position of the vessel? (Fixed	Grade - Yes		
p	oints i.e. lighthouses & headlands shall be used in preference to floating objects, which	NA		
р	hall be checked for position before being used for parallel indexing. Visual and radar osition fixing and monitoring techniques should be used whenever possible. GPS			
р	ositions should always be verified)			
	3.01.36 - During pilotage was the position of the vessel adequately monitored?	Grade - Yes		
		NA		
1	3.01.37 - Is the echo sounder operational and logging paper available? Was it in	Grade - Yes		
	peration during approaching, prior departure and while in shallow waters? Is the start-			
s	top date and time recorded? (The date and time of passing significant land or seamarks	NA		
	be marked. Electronic echo sounders have an inbuilt 24-hour memory which can be			
	ecalled. If an electronic memory is not provided, there should be a printed record)			
	3.01.38 - Has the GPS been adjusted to the correct datum? (GPS is referenced to	Grade - Yes		
	VGS84 & GPS receiver shall maintain referenced to that datum. Hydrographic offices			
	re changing charts to WGS84 and these charts include the legend "WGS84 positions	NA		
	an be plotted directly on this chart". Some charts contain info on lat. and long. Shift			
	alues that should be applied to GPS positions before charted. Occasionally these can			
	e significant, and many charts still show land or obstructions in wrong position when			
	ompared with GPS data. Accuracy of positions using GPS can be affected by			
	ifferences in datums, solar activity & powerful radar or radio transmissions, including			
	eliberate jamming. Discrepancies in charted positions of obstructions can also			
	ntroduce differences between GPS positions & traditional methods)			
	3.01.39 - Is there an adequate system for dealing with navigation warnings, NAVTEX	Grade - Yes		
	varnings, weather reports, etc. and are they being charted/properly filed? (Check			
	dequacy and up to date filing system for Temporary & Preliminary Notices, Navaera	NA		
	nd Navtex. Warnings must be charted and chart they have been entered on must be			
	ecorded on the warning notice in order that the warning can be removed when notice is			
	ancelled. The OOW should sign the warnings received to show that they have been			
	hecked. Those which are relevant should be charted)			
	3.01.40 - Is the Bridge equipment Battery logbook correctly completed?	Grade - Yes		
		NA		
1	3.01.41 - Are radio emergency batteries in a satisfactory condition and fully charged?	Grade - Yes		
		NA		
	3.01.42 - If applicable, is the emergency radio battery log up to date? (Where a reserve ource of energy consists of rechargeable accumulator batteries, their capacity shall be	Grade - Yes		
	hecked every 12 months, when the ship is not at sea)	NA		
-				



Q	uestion	Answer Details	Is Critical	Link
	3.01.43 - Is the rudder position indicator, the engine rpm indicator and the propeller tch indicator visible from the bridge wings?	Grade - Yes		
P .		NA		
	3.01.44 - Are pyrotechnics and the line throwing apparatus in date and in order? (12 ocket parachute flares stowed on or near the bridge. Check line throwing appliance	Grade - Yes		
	vith 4 projectiles, 4 lines and instructions). An illustrated table describing the life-saving gnals shall be available to the OOW)	NA		
	3.01.45 - Are instructions for operating the digital selective calling (DSC) and satellite opmunications equipment in an emergency displayed?	Grade - Yes		
		NA		
1;	3.01.46 - Are survival craft portable VHF radios and SARTs in good order and charged?	Grade - Yes		
		NA		
	3.01.47 - Are VHFs provided with dedicated primary batteries, for use in the event of a stress, equipped with a non-replaceable seal to indicate that it has not been used?	Grade - Yes		
		NA		
1	3.01.48 - Is a continuous listening watch maintained on VHF channel 16?	Grade - Yes		
		NA		
	3.01.49 - Are the vessel's Call Sign and Inmarsat ship station identity marked on the idio installation?	Grade - Yes		
		NA		
	3.01.50 - Are Officers aware of the requirements for position updating on two-way ommunications equipment? (All two-way communication equipment which is capable of	Grade - Yes		
w in u	utomatically including ship's position in distress alert shall be automatically provided ith this info from an internal or external navigation receiver. If such a receiver is not stalled, the ship's position and time at which it was determined shall be manually odated every 4 hours, while ship is underway, so that it is always ready for transmission	NA		
	y the equipment)	Over de Mare		
1.	3.01.51 - Is the course recorder operational and set to local or GMT time?	Grade - Yes		
_		NA		
1	3.01.52 - Is the auto pilot off course alarm operational and daily checked?	Grade - Yes		
_		NA		
1	3.01.53 - Check if Daily Noon Report is transmitted to the Head Office as required.	Grade - Yes		
		NA		
	3.01.54 - Has a qualified GO been designated (not the Master) to handle distress ommunications?	Grade - Yes		
		2nd Officer		



Question	Answer Details	Is Critical	Link
13.01.55 - Ensure that Satellite communications eq. normally operates at 1.6 GHz and	Grade - Yes		
the power levels generated are not sufficient to present an ignition hazard (they may b			
used whilst ship is in port).	NA		
13.01.56 - Is EPIRB fitted, armed, labelled correctly and inspected as per manufacture			
requirements? (In accessible position, ready to be manually released & capable of be			
carried by 1 person into a survival craft, capable of floating free if ship sinks,	ŇA		
automatically activated when afloat & capable of being activated manually. EPIRB tes	ed		
every 12 months with emphasis on frequency stability, signal strength & coding. The F			
may extend this to 17 months. Vessel's name, serial number & maritime mobile servic			
dentity (MMSI or 15 Hex ID) to be indicated on EPIRB. Inspection of EPIRB include:			
Inspection of housing to ensure it is undamaged; • Inspection of hydrostatic release u	it		
to ensure it is in order and in date. Releases to be renewed after 2 years; • Inspection	of		
anyard, which should be neatly stowed and not attached to ship; • Ensuring that			
markings remain decipherable; • Checking battery to ensure it is in order & in date; •			
Carrying out a self-test. Most EPIRB's have a self-test facility (usually a spring-loaded			
switch). When activated a light will indicate that test circuits are operating correctly an			
sometimes this will also activate the strobe light. The self-test switch is held for no mo			
than 2 flashes of strobe light, or no longer than 1 min. after the first self-test mode bur			
transmission. When the self-test is activated on a 406 Mhz EPIRB, the EPIRB is allow			
to radiate a single burst which is coded so that it is ignored by COSPAS-SARSAT. EP	RB		
must never be tested by actual operation. The annual testing of 406 MHz satellite			
EPIRB's required by SOLAS IV/15.9 requires test equipment capable of performing al			
measurements as per MSC/Circ. 1040)			
13.01.57 - Check records of Master's Navigational audits	Grade - Yes		
	June 2023		
13.01.58 - Check records of independent Navigational audits	Grade - Yes		
	NA		
13.01.59 - Are the GMDSS and other communication equipment antennae correctly	Grade - Yes		
installed and in order?			
	NA		
13.01.60 - Are all books in bridge library according with inventory list and updated?	Grade - Yes		
	ΝΑ		
13.01.61 - Are there operating instructions posted for the various bridge equipment?	Grade - Yes		
	NA		
13.01.62 - Are VHFs provided with dedicated primary batteries, for use in the event of			
13.01.62 - Are VHFs provided with dedicated primary batteries, for use in the event of distress, equipped with a non-replaceable seal to indicate that it has not been used?			



	uestion	Answer Details	Is Critical	Link
13	3.01.63 - Are fire patrols been carried out and recorded?	Grade - Yes		
		Every Hour / Deck Log		
	3.01.64 - From the checks carried out are checklists correspond to the vessel actual	Grade - Yes		
cc	ondition?	NA		
ory	: 01.14 - Engine Room			
•	•			
Q	uestion	Answer Details	Is Critical	Link
	1.01.01 - Are the C/E and the other E/R staff familiarization and hand over forms vailable and signed?	Grade - Yes		
		NA		
14	4.01.02 - Is the watch schedule posted in the E/R?	Grade - Yes		
		NA		
	4.01.03 - Are the E/R logbook correctly filled in and all SMS prescribed entries regularly arried out?	Grade - Yes		
		NA		
	4.01.04 - Is the engine movement (bell) book correctly maintained, up to date, with htries in ink?	Grade - Yes		
		NA		
	4.01.05 - Is the ORB correctly completed? (Delivery receipts, signatures, remaining antity in sludge and bilge tanks coincides with entries C11 and adequate for the next	Grade - Yes		
	by age. Check of last shore delivery. Calculate the quantity that should be delivered ased on operating hours).	NA		
14		Grade - Yes		
re	sidues i.e. drainage, leakage, exhausted oil, etc. and it should be completed at the end	NA		
	each voyage or weekly if more than one voyage within the week. Sections D and/or E			
	e used for disposal of bilge water. Receipts for all disposals to facilities to be attached)	Crada Vaa		
	4.01.07 - If the disposal of E/R oily water or sludge to a cargo or slop tank has taken	Grade - Yes		
	ace, has this been recorded in both ORBs, was the receiving tank free of cargo and ave the transfer arrangements been approved by Class?	NA		
14	4.01.08 - Are all emergency systems & equipment operational and starting/operating structions posted?	Grade - Yes		
		NA		
	4.01.09 - Is personal protective equipment provided and being worn by all personnel, s appropriate?	Grade - Yes		
20				



Question	Answer Details	Is Critical	Link
14.01.10 - Are all hand torches approved for use in gas-hazardous area?	Grade - Yes		
	NA		
14.01.11 - Are the duties of the watch-standing officers and ratings defined/posted?	Grade - Yes		
	NA		
14.01.12 - Is an engineer's call alarm fitted, in order, tested regularly and the results	Grade - Yes		
recorded? (Sound on bridge, in duty engineer's quarters and in public rooms. If not			
answered within the specified period a back-up alarm system should be activated. A PA announcement prior to the test would be beneficial).	Weekly Sunday		
14.01.13 - Do records indicate the regular testing of emergency equipment? (Emergency	Grade - Yes		
fire pump, main fire & foam pumps, emergency air compressor, emergency generator, emergency generator switchboard, emergency steering, quick closing valves,	NA		
emergency stops and bilge ejectors. Testing of the emergency generator to be carried	NA		
out under load, but to do this may require the vessel to be blacked out. This test is			
carried out annually. Where fitted, the emergency air compressor to be regularly tested to the starting pressure of the diesel generator. The emergency air reservoir to be			
permanently maintained at required pressure)			
14.01.14 - Are there operating instructions of the LSA and FFE (emergency generator,	Grade - Yes		
fire pump, steering gear, and other emergency and critical equipment) posted? (Each emergency generating set arranged to be automatically started shall be equipped with	Water Mist - 14/9/2023		
starting devices with a stored energy capability of at least 3 consecutive starts. A second	Water Mist - 14/9/2023		
source of energy shall be provided for additional 3 starts within 30 minutes unless			
manual starting. Where the emergency generator starting source relies on a single starter motor, then a spare starter motor should be available)			
14.01.15 - Are the main deck, P/R, E/R and other fixed fire extinguishing systems in	Grade - Yes		
order? Are there operating instructions of the fixed fire extinguishing system posted	A14		
outside protected spaces? 14.01.16 - Are chemicals properly stowed and are MSDSs available? (PPE including a	NA Grade - Yes		
face shield, apron, gloves and an eye-wash should be provided at the place where			
chemicals are stored)	NA		
14.01.17 - Is a proper storage and handling of ALL chemicals provided? (tidiness, designation, safety measures)	Grade - Yes		
	NA		
14.01.18 - Check instructions and procedures for E/R emergency preparedness and	Grade - Yes		
actions in emergencies and for ensuring that all essential E/R equipment is available and operational	NA		
14.01.19 - Are the required safety posters posted in the engine room workshop?	Grade - Yes		
	NA		
14.01.20 - Is fixed piping for welding-cutting equipment steel welded and pipe work free			
of grease?			



14			
Question	Answer Details	Is Critical	Link
14.01.21 - Are flashback arrestors fitted at the work station and are they in order?	Grade - Yes		
	NA		
14.01.22 - Is the Engine store in order and all items secured to avoid moving in case of heavy seas?	Grade - Yes		
	NA		
14.01.23 - Are the fixed fire detection and alarm systems in order and tested regularly?	Grade - Yes		
	14/9/2023		
14.01.24 - Are the engine personnel aware of operation of the fixed fire detection and extinguishing system?	Grade - Yes		
	NA		
14.01.25 - Are there F.O., hydraulic oil and L.O. analyses available at the intervals as per the SMSM?			
	NA		
14.01.26 - Are the fire and foam line isolation valves marked and properly working?	Grade - Yes		
	NA		
14.01.27 - Check the fire pump remote control starting devices.	Grade - Yes		
	NA		
14.01.28 - Are the SMS procedures for the changing of the relief valve set pressure followed?			
14.01.29 - Are vent outlet protective or flame screens fitted as required? Are flame screens accessible and removable, in order, inspected and cleaned as per PMS and are	Grade - Yes		
there records available? Date of last overhaul(The vacuum valve of a P/V valve will be fitted with a flame screen)	NA		
14.01.30 - Are there safety goggles for chemicals in the battery room and safety	Grade - Yes		
instructions posted? (batteries must be deeply discharged often and then recharged)	NA		
	NA		
14.01.31 - Where an emergency generator is not fitted, are E/R emergency batteries in order and fully charged? The emergency batteries must supply the designed power load for up to 18 hours			
14.01.32 - Is battery log book correctly completed?	Grade - Yes		
	NA		
14.01.33 - Are the E/R bilge high level alarms regularly tested and the results recorded?	Grade - Yes		
	17/9/2023		
14.01.34 - Are the E/R bilges dry and clean/free of oil?	Grade - Yes		
	NA		



	Answer Details	Is Critical	Link
oard valves marked closed and sealed? (warning sign	Grade - Yes		
	NA		
ventilation system working properly?			
ng in the pump room adequate?			
clean, tidy and free of combustible material?			
e and flooding dampers clearly marked as to their operation			
ge high level alarms regularly tested and the results			
n bilges free of cargo product, leakages and excess oil			
	Grade - Yes		
<i>,</i>	NA		
pipe automatic closing arrangements closed and	Grade - Yes		
	NA		
Separator (OWS) and alarm operational and operating			
OWS/Oil filtering equipment overboard discharge valve(s)			
	NA		
ning/pollution prevention notices posted	Grade - Yes		
a frequency and relevant records	NA		
g rrequency, and relevant records			
analyzer system calibrated?	Grade - Yes		
	ΝΔ		
or maintenance jobs carried out by the crew or external	Grade - Yes		
	NA		
of the department personnel about relevant procedures. nentation of the PMS and the Defect reporting system	Grade - Yes		
	board valves marked closed and sealed? (warning sign ventilation system working properly? ing in the pump room adequate? clean, tidy and free of combustible material? e and flooding dampers clearly marked as to their operation ge high level alarms regularly tested and the results in bilges free of cargo product, leakages and excess oil gency stops and shut offs (ventilation fans, fuel pumps and leal and lub. oil tanks) marked? Check test record. Dipe automatic closing arrangements closed and r Separator (OWS) and alarm operational and operating e OWS/Oil filtering equipment overboard discharge valve(s) ning/pollution prevention notices posted in analyzer system calibrated? or maintenance jobs carried out by the crew or external of the department personnel about relevant procedures.	poord valves marked closed and sealed? (warning sign Grade - Yes NA ventilation system working properly? ing in the pump room adequate? clean, tidy and free of combustible material? e and flooding dampers clearly marked as to their operation ge high level alarms regularly tested and the results n bilges free of cargo product, leakages and excess oil gency stops and shut offs (ventilation fans, fuel pumps and led and lub. oil tanks) marked? Check test record. Grade - Yes NA sipe automatic closing arrangements closed and Grade - Yes Separator (OWS) and alarm operational and operating Grade - Yes NA NA e OWS/Oil filtering equipment overboard discharge valve(s) Grade - Yes NA MA g frequency, and relevant records NA n analyzer system calibrated? Grade - Yes NA MA or maintenance jobs carried out by the crew or external Grade - Yes NA Grade - Yes	board valves marked closed and sealed? (warning sign NA ventilation system working properly? ing in the pump room adequate? clean, tidy and free of combustible material? e and flooding dampers clearly marked as to their operation ge high level alarms regularly tested and the results n bilges free of cargo product, leakages and excess oil gency stops and shut offs (ventilation fans, fuel pumps and lei and lub, oil tanks) marked? Check test record. NA Separator (OWS) and alarm operational and operating Grade - Yes NA Separator (OWS) and alarm operational and operating Grade - Yes NA OVS/Oil filtering equipment overboard discharge valve(s) Grade - Yes NA of fre department personnel about relevant procedures. NA of the department personnel about relevant procedures. OVA Separator provention notices posted Crade - Yes NA Separator closs posted Crade - Yes NA Sepa



	Question	Answer Details	Is Critical	Link
	14.01.51 - Other Comments	Emergency Generator - Cooling System / Radiator in Poor Condition		
		NA		
Catego	ry: 01.15 - Steering Gear			



Question	Answer Details	Is Critical	Lin
15.01.01 - Are the steering gear room communication systems with the bridge (two systems) operational?	Grade - Yes		
	NA		
15.01.02 - Is the steering gear equipment clean with no hydraulic leakages?	Grade - Yes		
	NA		
15.01.03 - Is the steering compartment fitted with suitable handrails, gratings or other non-slip surfaces?	Grade - Yes		
	NA		
15.01.04 - Are the arrangements for provision of heading information adequate? (Ships with emergency steering positions provided with a telephone or other means of	Grade - Yes		
communication for relaying heading information to such positions. In addition, ships	NA		
provided with arrangements for supplying visual compass readings to the emergency. Steering position)			
15.01.05 - Is there a gyro compass repeater installed at the emergency steering gear position?	Grade - Yes		
	NA		
15.01.06 - Is the rudder angle indicator operational and visible from the emergency steering position?	Grade - Yes		
	NA		
15.01.07 - Is the entrance to the steering gear room free of obstacles and independent the E/R?			
	NA		
15.01.08 - Is the steering gear test prior to departure carried out and recorded?	Grade - Yes		
	Before Every Maneuver		
15.01.09 - Has the emergency steering gear been tested within the last 3 months?	Grade - Yes		
Check records (Drills include direct control within steering compartment, communication	IS		
with bridge and, if applicable, operation of alternative power supplies)	NA		
15.01.10 - Are emergency steering gear changeover procedures displayed in the steering compartment?	Grade - Yes		
	NA		
15.01.12 - Are officers familiar with operation of the steering gear in the emergency mode?	Grade - Yes		



Answer Details	Is Critical	Link
Grade - Yes		
NA		
Grade - No		
NA		
NA		
d Grade - Yes		
NA		
? Grade - Yes		
NA		
Grade - Yes		
NA		
Answer Details	Is Critical	Link
I		
	Grade - Yes NA Grade - No NA of Grade - Yes NA Grade - Yes NA Grade - Yes NA d Grade - Yes NA d Grade - Yes NA d Grade - Yes NA d A A A A A A A A A A A A A A A A A	Grade - Yes NA Grade - No NA of Grade - Yes NA s Grade - Yes NA Is Critical