



SUPERINTENDENT'S DETAILED INSPECTION REPORT

VESSEL: MING ZHU

PORT: NIPA ANCHORAGE, INDONESIA

DATE: 19th - 20th April ' 2015





Inspection Report No: 2/ 2015

Date of Last Inspection: 14/01/2015
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Date of Next Planned Inspection: September 2015
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Inspected by: Capt Kulhari B P

Date: 19TH April 2015

Place: At Singapore anchorage

Signature:

**PRINCIPAL PARTICULARS**

SHIP NAME MING ZHU	PORT OF REGISTRY BANGKOK	FLAG THAILAND
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OFFICIAL NUMBER	TG 56013	CALL SIGN	HSB4794	IMO NO	8519966
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BUILDER	HITACHI ZOSEN CORPORATION, INNOSHIMA, JAPAN				
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YEAR OF BUILD	MAR 1987	TYPE OF SHIP	LPG CARRIER
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OWNERS	SIAM LUCKY MARINE CO LTD.,
MANAGERS	SEINE NAVIGATION PTE LTD., SINGAPORE
CLASSIFICATION	NKK
CLASS NOTATION	*A1, OIL CARRIER, E , * AMS , * ACCU, VEC , SH
SHIPS DESCRIPTION :	

LENGTH , OVERALL	219.74 Mtrs
BREADTH, MOULDED	38.429 Mtrs
DEPTH, MOULDED	21.00 Mtrs
DRAFT (SUMMER)	11.024 Mtrs
DEADWEIGHT	51,466 MT
LIGHTWEIGHT	20,049 MT
GROSS TONNAGE (ITC)	
NET TONNAGE	
MAIN PROPULSION TYPE	SINGLE SCREW, ENGINE DRIVEN
MAIN PROPULSION CAPACITY	M.C.O. <u>17,100</u> bhp at <u>102</u> rpm C.S.O. <u>31,190</u> bhp at <u>98.9</u> rpm DG at sea <u>3.5</u> mt at anchorage <u>3.5</u> mt at load port <u>4.4</u> mt at disch. port <u>4.7</u> mt
SERVICE SPEED	<u>14.5</u> knots (max), present 13.5 k (ordered)
FUEL CONSUMPTION IFO ...380..... CST	<u> </u> mt/ <u> </u> knots loaded
LUBE CONSUMPTION	MECC <u>110</u> ltrs/day , Cyl. oil <u>400</u> ~500 ltrs/day
DIESEL GENERATOR L.O. CONSUMPTION	<u>25</u> ltrs/day



EXECUTIVE SUMMARY

PREAMBLE:

Inspection was carried out on 19th April 2015. Boarded vessel at Singapore anchorage.

The vessel was in part loaded condition, presently called Singapore for bunkering and will be sailing for Shantou for discharging.

The vessel has called Nipa for discharging. Vessel has completed class annuals & SEQ renewal survey at Nipa during her call while discharging to daughter vessels.

The Inspection was carried out with reference from checklists as per TEC 03 (attached).

All the vessel's documents were checked for compliance with regulations and procedures.

An overall assessment of all equipments were made and found almost all of them in satisfactory condition.

OVERALL CONDITION:

The overall condition of the vessel was satisfactory, ongoing maintenance jobs could be witnessed on all areas.

The general upkeep was clean and tidy overall, with still scope for improvement.

Hydroblasting team onboard and continuing their upgradation as planned.

Owing to the vessel's trading pattern, with long ballast/loaded voyages, can plan for various upgrade and maintenance easily.

Vessel was advised to update all inventories as well the jobs carried out as PMS on routinely basis.

Vessel completed all services required for class annuals during her last call to Singapore namely, lifeboat servicing, SVDR installation equipment calibrations fixed as well as portables.

NKK class surveyor boarded vessel for class annuals and SEQ renewal at Nipa and after inspection issued SEQ interim certificate and indorsed all statutory certificates for annual inspection.

**STRUCTURAL CONDITION:**

The Main deck, poop deck and ship sides were found to be free of any structural defects, however deck had pitting and hard scale of rust in forward area.

Side shell has deformation at Frame 16 on stbd side engine room above 3rd deck in way of frames and longitudinals, same to be rectified permanently during next dry dock.

Railings, cargo manifold area, cargo pipe lines, fire lines, foam lines all were in satisfactory condition.

Few hydraulic lines & deck spary lines sighted rusty, same will be added in defect list and will renewed in due course of time.

Few minor defects were noticed and same were being included in the Supdt defect list.

OPERATIONAL CONDITION:

There weren't any abnormalities/deficiencies reported so far, all Cargo equipments were reported operating in satisfactory condition, records sighted.

All 4 nos LPG compressors were overhauled by last Gas Engineer and are working satisfactorily. Arrival tests were carried out and found all satisfactory.

In fact, vessel loaded & discharged her cargo smoothly during her previous voyages. Presently vessel discharged part cargo at Nipa and balance cargo is planned to be discharged at Shantou & Zhuhai.

PERFORMANCE:

The vessel is operated commercially by owners and so far since delivery has been able to adhere to charterer's requirements, in terms of speed. Owners, Siam Lucky Marine normally gives commercial orders/fixtures.

On an average she is doing a speed of 13.5 knots in ballast and 13 knots in loaded condition. Both turbo chargers were overhauled and same tried out, found satisfactory. Vessel tried out at 92 RPM and all parameters were found with in range.

Vessel has been loading at fixed loadport as per charterers/owners instructions and was able to maintain her performance as no delays due to vessel noted in last voyage.

**SIGNIFICANT PROBLEMS:**

None

PROJECTS & UPGRADES:

Hydroblasting team has joined vessel for upgradation. Sufficient spares and paints were supplied. RA was carried out and workplan was made as required, vessel will keep reporting on the progress accordingly.

THE SCOPE OF THIS INSPECTION COVERED THE FOLLOWING AREAS

- PREPAIRING VESSEL FOR NAME CHANGE.
- PHYSICAL EXAMINATION OF ALL CLOSED DEFECTS REPORTED LAST INSPECTION AND REVIEW THE ONES DIFFERED.
- VERIFICATION OF DEFECT/DAMAGE LIST
- FOLLOW UP ON PLANNED/UN-PLANNED MAINTENANCE
- REVIEW REPAIRS, UPGRADES AND MODIFICATIONS
- SHIP'S DOCUMENTATION AND CERTIFICATION
- DRAWINGS, MANUALS AND PUBLICATIONS FOR HULL AND MACHINERY
- HULL, STRUCTURAL CONDITION AND STRUCTURAL INTEGRITY
- SAFETY EQUIPMENT AND RELATED PROCEDURES & DRILLS
- SAFETY STANDARDS AND TRAINING
- RANDOM VERIFICATION OF FUNCTIONAL TRIPS AND ALARMS
- RANDOM TEST OF STAND-BY EQUIPMENTS AND OCCASIONALLY USED EQUIPMENT
- CARGO AND BALLAST HANDLING SYSTEMS AND ADHERENCE TO CARGO AND BALLAST PLANS
- NAVIGATION AND COMMUNICATION EQUIPMENT AND DOCUMENTED PROCEDURES
- STEERING SYSTEM AND PROCEDURES
- MOORING EQUIPMENT AND PROCEDURES
- MACHINERY SPACES AND MACHINERY-RELATED PROCEDURES
- MAINTENANCE PROCEDURES
- INVENTORY CONTROL
- VERIFIED CRITICAL AND ESSENTIAL SPARES ROB
- SIGHTED WORK REST HOUR RECORDS
- PERSONNEL PLANNING

A work list has been issued and discussed with the Staff, covering recommendations for improvement and the Maintenance plan for the forthcoming period by Suptd. The Master has been asked to update the company with the progress on the issued work list at regular intervals up to their closure.

SUPERINTENDENT

NAME : Capt Kulhari B P

SIGNATURE



VESSEL CONDITION REPORT

HULL STRUCTURE, OUT FITTINGS COATING AND HULL MARKING

The Top side has scattered spot rusts and chafing of paint due to fenders at some locations.

The antifouling coat has slight damages at few locations, otherwise the general Paint condition can be termed as fair.

The draft and the hull markings are clearly visible/legible on both the sides. No damages/dents were observed on the ship sides.

The fwd and aft part of the hull has the paint work intact.

A thin film of hull marine growth was visible all around on the verticals.

UPPER DECK / MAIN DECK

The Weather deck was generally fairly maintained, with lot of pitting at several places, specially forward of compressor room. Though aft of compressor room was spot chipped and painted.

Hydroblasting team has covered all forecastle and had reached till tank dome No# 1. All deck areas including small superstructures were hydroblasted and thoroughly buffed and painted.

Vessel was in progress of upgrading rest areas. All areas has to be regularly attended to and maintained as required. Could witness ongoing maintenance by way of regular touch-ups.

Vessel was supplied with Hydroblaster & painting machine for upgradation. Vessel to follow up on same and keep office updated on the progress.

The hydraulic equipments, pipelines of Cargo, Fire lines, spray lines and pneumatic lines were found in satisfactory condition.

Few hydraulic lines were planned to be supplied next call for renewal of few section which were noticed weak/rusted.

**CARGO TANKS**

Since vessel was having cargo in cargo Tanks as was in partly loaded condition, same were not available for Inspection.

Noticed last inspected during drydock. Records verified and found satisfactory.

Tankdome skirt and few pipelines on tankdome needs to be attended during next drydock.

MANIFOLD/TANK COMING

Cargo Manifold areas were generally satisfactory, coatings on the deck and the manifolds, pipelines, platform were satisfactory.

The drip trays were maintained well and all the pressure gauges were in working condition.

Tank domes were maintained well, however skirts of tankdomes needs renewal at few locations, same advised to add in defect list, to be planned in next DD.

The dome neoprene rubbers were reported in satisfactory condition. All void spaces were in inerted condition.

WATER BALLAST TANKS

None of the ballast tanks were inspected, as per vessel's records all tanks were in satisfactory condition and were inspected as per planned.

ACCOMMODATION BLOCK AND INTERIOR

The accommodation exterior Paint condition is generally fair, with isolated rust spots on the scuttles/Port hole edges.

Accommodation outer decks are planned for upgradation during next voyage with hydroblaster.

The interiors were clean and tidy. The common areas – toilets, smoke room, mess rooms – were maintained clean. The stairways and the cabin floors were found in satisfactory condition.

The crew and officers smoke room were found well appointed and maintained well by the crew. There is a well equipped Gymnasium, which the crew is fully utilizing. Vessels laundry & drying area is also well maintained.

**GALLEY AND PROVISION ROOMS**

Galley was found maintained well – clean and tidy, the hot plate exhaust filters were found clean. All stores wet, dry Meat & Fish rooms were inspected. Fresh provisions were supplied at Singapore prior departure.

During the time of Inspection, noted that only vegetable room temperatures were maintained and Meat & Fish rooms were not in use and vessel was using portable deep freezers for same.

2 Nos hotplates were supplied to vessel, same to be fitted.

CARGO HANDLING EQUIPMENT AND INSTRUMENTATION

The vessel was in part loaded condition and called Nipah port for part discharge through STS. Balance cargo to be discharged at Shantou & Zhuhai.

It was reported that all cargo equipment's performance were good. The vessel was able to discharge her full cargo without any issues. The maintenance on the equipments were carried out as per PMS schedule.

The pumps were reported to be performing well except 3 Stbd which was not operational. Logs were sighted and were maintained properly.

The Compressor room & Motor room were found to be maintained clean. The compressor room bilges were clean and dry.

The fixed and portable gas detecting equipment's were sighted running and logs/calibration records sighted.

Cargo tank ullage system was reported working satisfactory.

Cargo loading/discharging plans reviewed and found satisfactory. Verified relevant checklists.

All cargo and ballasting/deballasting records were verified and found satisfactory.

Vessel had undergone class annulus during discharging at Nipa and all certificates were endorsed for same.

**CRANES/ GANGWAY**

Hose handling crane was in satisfactory operating condition, no leakages from seals or hoses were witnessed. Aft stbd provision crane was also operating in satisfactory condition. Lifting appliances were endorsed for annual inspection by classNK at Nipa on 18th april'15.

Both Gangway's were tested in drydock and are in satisfactory condition, though winch platform roller guiding plates were rusted, same added in defect list..

VENTILATOR /AIR PIPE HEAD

The ventilators were all maintained in good condition, records were available for periodical Inspection.

The Ballast tank vents were found to be in satisfactory condition and were marked properly.

MOORING MACHINERY

The Mooring equipment were in satisfactory working condition, no abnormalities were reported while in operation.

Fwd stbd windlass to be attended by Hydraulic tech, same planned for next call. Port windlass brake band was renewed recently.

LIFE SAVING APPLIANCES

The Annual services for all equipment's were in line with Class requirements.

All appliances were found to be in good operational condition.

Emergency Generator was tried out and found performing satisfactory.

Emergency compressor was also tried out & found performing satisfactory.

All portble equipments as well as fixed equipments were calibrated by shore on 16th April'15 and found in satisfactory condition.

All records verified and found satisfactory.

**FIRE FIGHTING APPLIANCES**

All the portable extinguishers were checked/serviced onboard by ships staff, in line with PMS. Records verified and found satisfactory.

Fire alarm system was tried out on all areas and found working satisfactory. The sensors are being checked area wise over a period as per PMS procedures. Sufficient spare charges are available for the portable extinguishers.

All fire hoses were reported to be in good working condition.

All records verified and found satisfactory.

NAVIGATION EQUIPMENT

All Navigation equipment are working in good condition.

New SVDR unit was installed & commissioned on 16th april due last unit beyond repairable as no spares are available.

ENGINE ROOM GENERAL CONDITION/CLEANLINESS

The General appearance of the Engine room was satisfactory. Could witness the maintenance being carried out to keep the cosmetic appearance fair.

Noticed few leaks on Auxiliary generators, crew were advised to rectify same. Noticed minor leaks – pump/valve glands – else, it was well maintained.

The workshop and the fuel pump testing room was found generally clean.

The stores/spares room & workshop was organized well. Inventories of same were updated in PMS.

The Engine control room was maintained clean.

The ECR A/C unit was found running satisfactorily.

The purifier room was clean with hardly any oil leakages.

All records were verified and found satisfactory. Few CSM items were also shown to surveyor and same will be credited accordingly.



MAIN ENGINE
<p>Main Engine performance was satisfactory, were able to cope up speed wise as per charterer's requirements. Both turbochargers were overhauled and fitted by shore workshop. Vessel tested same at 92 RPM and found satisfactory, all parameters within range as required.</p> <p>All trips and alarms were verified through records and found working satisfactory.</p>
DIESEL GENERATOR
<p>Noticed all three Aux Engines were being run on max 400 KW load</p> <p>All alarms and trips of all 3 Generators were verified through records and found working satisfactory.</p> <p>Noted minor leaks from all 3 AE's and ships staff was advised to arrest same.</p> <p>Vessel was provided with New shore generator placed at poop deck and was used as additional source of power when required. Turbocharge of deck generator was sent ashore for overhauling at Nipa.</p>
BOILER / E.G.E
<p>Both Oil fired boiler as well as Economizer are working satisfactorily. Records were sighted for alarms.</p>
AUX. MACHINERY (PUMPS, OWS, INCINERATOR, SEWAGE PLANT ETC)
<p>All the auxiliary machineries are performing well and are being attended as per PMS routines.</p> <p>All the sea water pumps are performing well and have sufficient spares.</p> <p>Oily Water Separator alarms were tested and found satisfactory.</p> <p>Note that Incinerator was used only for burning oily rags/garbage and noted that vessel has landed sludge/oily water during last discharge operation at Shantou.</p> <p>Sewage treatment plant was running satisfactorily.</p>

**PIPING**

Sea water, Steam, fire, air lines were found to be in satisfactory condition. The exhaust/gas pipes were free of any leaks.

Sea water pipes in the tank top/bilges were found to be rust free and well maintained.

ELECTRIC /AUTOMATION SYSTEM AND MACHINERY

The equipment monitoring system was observed to be performing without any trouble.

All alarms and trips of various equipments are being tried out as per PMS, the records for same were available onboard.

Engine room was operated manned. Fire alarm, General alarm, tank high level alarms, Bilge alarms were all checked and found working satisfactory.

HYDRO / PNEUMATIC SYSTEM

The Hydraulic system for Mooring equipment's were reported performing satisfactory, the equipments were found generally clean.

The remote valve operating hyd system was found performing satisfactory.

Main engine Pneumatic maneuvering system was performing without any issues.

Vessel's Air compressors were performing well.

STEERING GEAR

The Steering system is observed performing without any issues.

The emergency Steering was being tried out periodically and all ship staff were familiar with the procedures.

All safety records were verified and found satisfactory.

**SURVEY STATUS****CERTIFICATES WHICH WILL EXPIRE WITHIN 3 MONTHS (ITEM & DATE)**

Vessel has completed class annuals as well SEQ renewal. SEQ interim was issued and full term will be issued later by headoffice.

CREW EVALUATION/TRAINING NEEDS

The onboard team has good Team work.

The Officers and ratings had a good understanding among themselves and all duties were being diligently carried out. Few crew change planned at Singapore during her call for bunkering.

Regular work meetings are being conducted prior taking any major maintenance and all critical issues were being discussed.

The training records were checked and found updated regularly, advise were given for improvement which were well taken by the cadets.

The ratings were well aware of their responsibilities and could witness their dedication and affection towards their profession.

**SUPERINTENDENT'S DETAILED INSPECTION CHECKLIST****VESSEL: Ming Zhu****Date: 19th APRIL'15**

SR NO	CHECK BOX	ITEM	NOTES	STATUS
DOCUMENTATION				
1	<input checked="" type="checkbox"/>	CREW CERTIFICATION	CHECK IF CREW CERTIFICATES ARE VALID-RANDOM SAFE MANNING LEVEL ACTUAL MANNING- OFFICERS----- , CREW-----	Yes, CRA checked
2	<input checked="" type="checkbox"/>	ARE WATCH KEEPING SCHEDULES POSTED	BRIDGE , ENGINE ROOM CCR IN PORT	Yes
3	<input checked="" type="checkbox"/>	CHECK SAFETY FAMILIARIZATION FILE		Yes
4	<input checked="" type="checkbox"/>	CHECK HANDING OVER TAKING OVER FILE	ARE THEY COUNTERSIGNED BY MASTER OR C/E LAST MASTERS REVIEW CARRIED OUT DATE - 18/11/13	Yes
5	<input checked="" type="checkbox"/>	PARALLEL FILING SYSTEM	IS IT AS PER COMPANY MANUALS	Yes
6	<input checked="" type="checkbox"/>	NCN	OPEN- NEAR MISS REPORTS - FOR THE YEAR TILL DATE Mar month 26.03.15	Yes
7	<input checked="" type="checkbox"/>	MASTER CHECKLISTS FILE	IS IT MAINTAINED IS SUPERINTENDENT APPROVAL LETTER FILED?	Yes
8	<input checked="" type="checkbox"/>	OPERATING PROCEDURES	ARE INSTRUCTIONS FOR OPERATING ALL CRITICAL EQUIPMENTS PASTED?	Yes
9	<input checked="" type="checkbox"/>	FIRE PLAN	IS IT CLASS APPROVED IS IT PLACED IN THE BOXES PROVIDED	Yes
10	<input checked="" type="checkbox"/>	ME CIRCULARS FILE IF UPDATED		Yes
11	<input checked="" type="checkbox"/>	SOPEP CONTACT LIST	IS CONTACT LIST UPDATED	Yes Mar'15
12	<input checked="" type="checkbox"/>	P & I CONTACT LIST	IS CONTACT LIST UPDATED	Yes
13	<input checked="" type="checkbox"/>	OIL RECORD BOOK		Yes
	<input checked="" type="checkbox"/>	EACH OPERATION SIGNED OFF SEPARATELY BY C/E		Yes



SR NO	CHECK BOX	ITEM	NOTES	STATUS
	<input checked="" type="checkbox"/>	EACH PAGE SIGNED OFF BY MASTER		Yes
	<input checked="" type="checkbox"/>	CHECK ENTRIES FOR ANY ONE TANK — THE QUANTITY OF LIQUIDS RECORDED AT THE START' IN THE LAST ENTRY, SHOULD BE SAME AS THAT RECORDED AT THE 'STOP' IN THE SECOND-LAST ENTRY RELATED TO THAT TANK	Galley oil disposal not mentioned in ORB, same advised to C/E	Yes
	<input checked="" type="checkbox"/>	IF SLUDGE BURNT ONBOARD,	CHECK IF THE INCINERATOR/AUX, BOILER IS LISTED FOR THAT USE IN THE IOPP CERTIFICATE	Yes
	<input checked="" type="checkbox"/>	CHECK LAST DATE OF SLUDGE LANDED ASHORE		22 nd Feb'15
14	<input checked="" type="checkbox"/>	LOW SULPHUR FUEL PLAN	CHECK IF PROPER APPROVED PLAN ONBOARD	Yes
15	<input checked="" type="checkbox"/>	REST HOUR RECORDS	VERIFY LAST MONTH RECORDS	Yes
16	<input checked="" type="checkbox"/>	WEEKLY WORK MEETINGS	ARE THEY BEING HELD - VERIFY.	Yes
17	<input checked="" type="checkbox"/>	UT GAUGING REPORTS	LATEST ONES – ARE THEY AVAILABLE ONBOARD	Yes
18	<input checked="" type="checkbox"/>	SECOND ENGINEERS WORK DONE BOOK	CHECK IF IT IS MAINTAINED PROPERLY	Yes
19	<input checked="" type="checkbox"/>	MASTERS AND CHIEF ENGINEERS VERIFICATION	CHECK IF IT IS BEING CARRIED OUT.	Yes
20	<input checked="" type="checkbox"/>	VERIFY AND TAKE A COPY OF THE LAST PLAN	1) BUNKER PLAN 2) CARGO PLAN 3) PASSAGE PLAN	Yes I
BRIDGE				
1	<input checked="" type="checkbox"/>	PASSAGE PLAN	POSITION PLOTTING INTERVAL STATED IN PLAN MINS ACTUAL PLOTTING INTERVAL OBSERVED ON CHART MINS	Same verified as per Passage Plan
2	<input checked="" type="checkbox"/>	IS THE PASSAGE PLAN PREPARED FORM BERTH TO BERTH	Jebel Ali to Nipah	Yes
3	<input checked="" type="checkbox"/>	HAS PILOT CARD BEEN PREPARED FOR THIS PORTS ARRIVAL AND BERTHING, FOR MASTER-PILOT EXCHANGE INFORMATION FILLED IN ,WITH ALL DATA FILLED IN.	Dep Nipah	YES



SR NO	CHECK BOX	ITEM	NOTES	STATUS
4	<input checked="" type="checkbox"/>	IS THE PRE ARRIVAL MAIN ENGINE TEST DONE AND RECORDED.	Arrival Khor Fakkan	YES
5	<input checked="" type="checkbox"/>	LAST NOTICE TO MARINER RECEIVED ONBOARD	By Chartco	14/15
6	<input checked="" type="checkbox"/>	IS MEMOS FILE BEING MAINTAINED UP TO DATE?	No class memo/coc	YES
7	<input checked="" type="checkbox"/>	IMO /SOLAS/MARPOL		YES
8	<input checked="" type="checkbox"/>	LIFEBOATS LAST RELEASED AND MANEUVERED IN WATER	PORT – 16/04/15 STBD – 16/04/15	YES
9	<input checked="" type="checkbox"/>	IS THERE A GARBAGE MANAGEMENT PLAN AND ARE DISPOSAL RULES POSTERS IN PLACE.	POSTERS - DISPLAYED IN ALL PROMINENT AREAS	YES
10	<input checked="" type="checkbox"/>	NAVIGATION EQUIPMENTS		YES
11	<input checked="" type="checkbox"/>	FIRE PANEL	IF ANY ZONE IS BYPASSED	NO
	<input type="checkbox"/>			
	<input type="checkbox"/>			
ACCOMMODATION				
1	<input checked="" type="checkbox"/>	CONDITION OF CABINS	INSPECT ONE CREW AND ONE OFFICERS CABIN AT RANDOM CHECK CONDITION OF LAVATORIES AND GENERAL HYGIENE CHECK IF ASH TRAYS ARE PROVIDED IN CABINS- OPEN/CLOSE TYPE-IS SMOKING ALLOWED IN CABINS AS PER SHIP TYPE	CLEAN
2	<input checked="" type="checkbox"/>	ALLEYWAYS	ARE THEY CLEAN ARE COMPANY POSTERS PASTED ARE LUMINOUS SIGNS CLEAR AND PASTED ON LOWER PART OF THE BULKHEADS	CLEAN
3	<input checked="" type="checkbox"/>	LAUNDRY	CHECK CONDITION OF WASHING MACHINES,	To be



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			DRYERS AND GENERAL CLEANLINESS ARE THE DRIERS AND WASHING MACHINES SECURED?	cleaned and maintained
4	<input checked="" type="checkbox"/>	SAFETY STORES	CHECK CONDITION OF SCBA BOTTLES AND MASKS- CHARGED NOT CHARGED CONDITION OF FIRE SUITS- IF TORN ARE THE SPARE CHARGES FOR PORTABLE EXTINGUISHERS WITHIN THE EXPIRY DATES IF APPLICABLE? ARE ALL SPARES AND STORES STORED / SECURED PROPERLY IN STORES?	Yes
5	<input checked="" type="checkbox"/>	AIR CON SUPPLY AND CIRCULATION DUCTS	ARE THE AIR CON FLAPS WORKING? ARE THE SUCTION FILTERS FOR AC SYSTEM CLEAN?	YES
6	<input checked="" type="checkbox"/>	ACCOMMODATION DOORS	ARE ALL WATER TIGHT DOORS CLOSING PROPERLY? ARE THE DOOR PACKING'S AND PACKING CHANNELS IN GOOD CONDITION?	Yes,
7	<input checked="" type="checkbox"/>	ELECTRICAL FITTINGS IN ACCOMMODATION	ARE THERE ANY LOOSE WIRING IN ACCOMMODATION	NO
GALLEY				
	<input type="checkbox"/>	GENERAL CLEANLINESS		
1	<input checked="" type="checkbox"/>	IS FIRE BLANKET STORED IN PLACE		YES
2	<input checked="" type="checkbox"/>	CONDITION OF THE FILTER MESH		CLEAN
3	<input checked="" type="checkbox"/>	CONDITION OF HOT PLATES		GOOD
4	<input checked="" type="checkbox"/>	CONDITION OF PROVISION ROOMS.	ANY SIGNS OF COCK ROACHES OR RATS IN THE DRY AND WET PROVISION ROOMS.	NO
5	<input checked="" type="checkbox"/>	ARE DOOR LOCKS OF PROVISION ROOMS WORKING	CHECK THE DOOR PACKING'S ARE DOORS CLOSING PROPERLY	YES
6	<input checked="" type="checkbox"/>	ARE THE TEMPERATURES OF PROVISION ROOMS OK	RECORD THE TEMPERATURES. MEAT ROOM FISH ROOM	Yes, separate deep



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			VEGETABLE ROOM IS AUTO DEFROSTING WORKING CONSUMPTION OF FREON FOR THE PLANT	freezer provided.
7	<input checked="" type="checkbox"/>	ARE THE PROVISIONS STOCKED AND ARRANGED PROPERLY.		YES
8	<input checked="" type="checkbox"/>	IS THE PROVISION ROOM ALARM WORKING	TEST THE ALARM AND RECORD.	Yes
9	<input checked="" type="checkbox"/>	GENERAL CLEANLINESS AND HYGIENE OF THE GALLEY	INTERVIEW CHIEF COOK AND MESS MAN ARE MEAL TIMINGS OBSERVED? DO PEOPLE EAT FOOD IN CABINS YES / NO IS THE FOOD KEPT OPEN IN THE MESS ROOMS AFTER MEAL HOURS? ASK ABOUT GARBAGE MANAGEMENT	YES NO NO YES
10	<input checked="" type="checkbox"/>	ARE THE GALLEY SCUPPERS CLEAR		YES
11	<input checked="" type="checkbox"/>	GARBAGE BINS	ARE THEY METALLIC WITH A LID IS SEGREGATION OBSERVED ARE THEY COLOR CODED	Yes
DECK				
1	<input checked="" type="checkbox"/>	CONDITION OF HULL MARKINGS		SATIS
2	<input checked="" type="checkbox"/>	CONDITION OF SHIP SIDE PAINT	TOPSIDE ANTIFOULING ANY DENT MARKS VISIBLE- IF YES THEN DETAILS	SATIS SATIS NONE
3	<input checked="" type="checkbox"/>	CONDITION OF MAIN DECK, FORE- CASTLE, POOP AND ACCOMMODATION DECK.	CONDITION OF PAINT FOR TANKERS IS ANTI SKID PAINT APPLIED ON MAIN DECK PATHWAYS, FORECASTLE AND POOP DECK.	SATIS YES
3	<input checked="" type="checkbox"/>	CONDITION OF ACCOMMODATION BLOCK FWD BULKHEAD	SPECIAL ATTENTION TO BE PAID TO AREAS WHERE BULKHEAD JOINS THE MAIN DECK	GOOD
4	<input checked="" type="checkbox"/>	CONDITION OF BULKHEADS OF DECK HOUSE	SPECIAL ATTENTION TO BE PAID TO AREAS WHERE BULKHEAD JOINS THE MAIN DECK	Fair
5	<input checked="" type="checkbox"/>	CONDITION OF FWD STORE AFT BULKHEAD	SPECIAL ATTENTION TO BE PAID TO AREAS	Fair



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			WHERE BULKHEAD JOINS THE MAIN DECK	
6	<input checked="" type="checkbox"/>	DECK CRANES – LAST SAFETIES TESTED.	DATE OF SAFETIES TESTED DATE FALLS RENEWED INSULATION OF MOTORS	18 April 2015
7	<input checked="" type="checkbox"/>	CONDITION OF TANK HATCH COVERS, COAMINGS		SATIS
8	<input checked="" type="checkbox"/>	VENTILATORS AND AIR PIPES	CHECK THE MESH /NR VALVE	SATIS
9	<input checked="" type="checkbox"/>	PIPELINE SUPPORTS/CONDITION OF PIPES	CHECK HYDRAULIC PIPES, STEAM PIPES, SEA WATER PIPES, FIRE AND FOAM LINES, DCP PIPES FOR CORROSION. IF HYDRAULIC PIPES FITTED WITH DENSO TAPES- CONDITION OF THE TAPES.	SATIS
10	<input checked="" type="checkbox"/>	CONDITION OF BULWARKS/RAILINGS	CHECK IF BENT /BROKEN.	Fair
11	<input checked="" type="checkbox"/>	CABLE DUCTS/CATWALKS/CATWALK SUPPORTS		Fair,
12	<input checked="" type="checkbox"/>	ACCOMMODATION LADDER	CONDITION OF WINCH, AND ITS MOTOR CONDITION OF STEPS CONDITION OF FOUNDATION LAST LOAD TEST DATE	Tested , April'13 in DD
13	<input checked="" type="checkbox"/>	MOORING FITTINGS	CONDITION OF BOLLARDS, HAWSES, FAIRLEADS CHECK IF THE ROLLERS ARE FREE AND GREASED PROPERLY ARE SWL MARKINGS BEAD WELDED	SATIS welded beads
14	<input checked="" type="checkbox"/>	MOORING WINCHES	CONDITION OF BRAKE LINING CONDITION OF FOUNDATION CONDITION OF DECKS BELOW THE WINCH CONDITION OF HYDRAULIC PIPELINES AND CONTROLS CHECK IF BRAKE RENDERING LOAD STENCILED – HOW THE VESSEL IS ENSURING THAT THE BRAKES ARE NOT OVER TIGHTENED. IS GREASING BEING DONE AS PER PMS? ARE GREASING POINTS CLEAR	SATIS YES YES



SR NO	CHECK BOX	ITEM	NOTES	STATUS
15	<input checked="" type="checkbox"/>	MOORING ROPES	MATERIAL- CONDITION CHECK THE CERTIFICATES- CHECK IF THE CAPACITY IS ADEQUATE SPARE ROPES OLD ROPES TO BE SCRAPPED IF ANY	SATIS ADEQUATE
16	<input checked="" type="checkbox"/>	MOORING WIRES	MATERIAL- CHECK THE CERTIFICATES ARE THE WIRES GREASED? ARE THE WIRE STRANDS COME OUT? ARE WIRES RUSTED?	CHECKED YES NO NO
17	<input checked="" type="checkbox"/>	PAINT STORE	CHECK THE WATER SPRINKLER SYSTEM CHECK SAFETY DATA SHEETS IS IT ARRANGED ARE CANS ARRANGED AS PER GRADE AND THEY ARE CLOSED	YES YES YES
18	<input checked="" type="checkbox"/>	CHEMICAL STORE	CHECK FOR SAFETY DATA SHEETS VENTILATION IF PROVIDED OR NOT- TYPE NATURAL OR FORCED. CANS SHALL NOT BE KEPT OPEN IS PPE PROVIDED CONDITION OF DECK – IS IT SPOILT BECAUSE OF CHEMICALS SPILLAGE	YES NATURAL CHECKED NO
19	<input checked="" type="checkbox"/>	FORE PEAK/AFT PEAK STORE	CONDITION LIGHTING AND VENTILATION- CONDITION OF EXHAUST FAN CONDITION OF ROPES STORED. IS BILGE ALARM FITTED- IF YES TEST IT IS BILGE PUMP / EDUCATOR WORKING, DATE LAST TESTED ARE ALL ITEMS STORED, SECURED PROPERLY? CHECK CHAIN LOCKER CHECK IF BITTER END IS FIXED OR RELEASE	SATIS No YES YES Fixed



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			TYPE- IS HAMMER IN PLACE CHECK CONDITION OF SUEZ CANAL LIGHT MOORING MACHINERY- ANY LEAKS, CONDITION OF HOSES, COOLER LAST CLEANED DATE, HYDRAULIC FILTERS INDICATOR RED OR GREEN CONDITION OF HAWSE PIPES P/S ARE ANCHOR WASH PIPES AND VALVE IN GOOD ORDER AND W/O LEAK? SPARE CANTER SHACKLES, JOINING SHACKLES, D SHACKLES	YES SATIS
20	<input checked="" type="checkbox"/>	WINDLASS AND ANCHOR CHAINS	EXTERNAL APPEARANCE OF WINDLASS CONDITION OF BRAKE LINING CONDITION OF BRAKE LEVERS AND PINS, BUSHING ANCHOR STOPPER – ARE ANCHORS SEATING PROPERLY ARE ADDITIONAL LASHING ARRANGEMENTS IN PLACE IS GREASING BEING DONE AS PER PMS? ARE GREASING POINTS CLEAR CONDITION OF ANCHOR SWIVELS	SATIS SATIS SATIS YES YES YES SATIS
CARGO (TANKERS)				
1	<input checked="" type="checkbox"/>	CARGO TANKS	CHECK CONDITION FROM RECORDS AVAILABLE ONBOARD IF THESE CANNOT BE INSPECTED CONDITION OF HEATING COILS IF APPLICABLE CONDITION OF STEAM INLET OUTLET VALVES ON DECK FOR COILS	NA



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			CONDITION OF STEAM TRAPS ON DECK FOR HEATING COILS CONDITION OF STEAM PIPE, IS COATING ON PIPE IN PLACE? CONDITION OF TK CLEANING MACHINES CONDITION OF LADDERS INSIDE THE CARGO TANKS	
2	<input checked="" type="checkbox"/>	CARGO PIPELINES	CONDITION INCLUDING THEIR EXPANSION JOINT CONDITION OF EARTHING WIRES JOINING THE FLANGES IS PRESSURE TEST DATE STAMPED ON THE CARGO PIPE	NA
3	<input checked="" type="checkbox"/>	CARGO VALVES	GENERAL APPEARANCE OF CARGO VALVES, ARE ALL VALVE HANDLES IN PLACE ANY REPORTS IF THE VALVES ARE PASSING? ARE THERE ANY REPORTS ON LEAKAGE OF MANIFOLD VALVES	YES NO NO
4	<input checked="" type="checkbox"/>	ULLAGING SYSTEMS	ANY MALFUNCTIONS REPORTED CHECK LAST CALIBRATION RECORDS CHECK IF MINIMUM SPARES AVAILABLE ALTERNATE MEANS OF ULLAGING - MMC TAPES CONDITION, NOS,	SATIS
CARGO PUMPS				
1	<input checked="" type="checkbox"/>	PERFORMANCE	CHECK RUNNING RECORDS CHECK PRIME MOVERS- PARAMETERS	Satisfactory except No.3 (s) Pump
2	<input checked="" type="checkbox"/>	COP BEARING -IS IT IN GOOD ORDER	CHECK THE LAST LINE BEARING INSPECTION RECORD AND MAKE SURE IT IS DONE EVERY THREE MONTHS. CHECK LAST PORT CARGO OPERATION PARAMETER.	NA



SR NO	CHECK BOX	ITEM	NOTES	STATUS
3	<input checked="" type="checkbox"/>	CARGO INSTRUMENTATION	CHECK IF ALL GAUGES WORKING CHECK RECORD OF TESTING OF ALARMS AND TRIPS. CHECK CALIBRATION RECORDS	YES
4	<input checked="" type="checkbox"/>	LOADICATOR	IS IT CLASS APPROVED? CHECK THE APPROVAL	YES
5	<input checked="" type="checkbox"/>	CARGO PLAN	CHECK THE LAST CARGO PLAN	YES, Nipah
6	<input checked="" type="checkbox"/>	STRESS/STABILITY CALCULATIONS	CHECK IF THEY HAVE BEEN CARRIED OUT FOR THE CURRENT CALCULATIONS HAVE THESE BEEN DISCUSSED IN THE PRE ARRIVAL MEETING HELD.	Yes
7	<input checked="" type="checkbox"/>	CARGO VALVES	CHECK CONDITION IS ANY VALVE LEAKING ARE MINIMUM SPARES AVAILABLE ONBOARD	SATIS NO YES
PUMP ROOM / COMPRESSOR ROOM				
1	<input checked="" type="checkbox"/>	ALL ENTRY SAFETY CHECKS ARE IN ORDER	BEFORE ENTERING PUMP ROOM CHECKS ALL WARNING SIGN AND NOTICE POSTED PROPERLY .GAS METER IS CONTINUOUSLY RECORDING THE GAS CONTENT. IS PUMP ROOM CLEAN IS PUMP ROOM VENTILATION AND LIGHTING SUFFICIENT	YES YES CLEAN YES
2	<input checked="" type="checkbox"/>	BILGE ALARM	TEST	NA
3	<input checked="" type="checkbox"/>	WATER TIGHTNESS OF SEA CHEST VALVES – IS IT IN ORDER	MAKE SURE THAT THE PRESSURE IS SHOWING ZERO. ALSO CHECK LAST CALIBRATION RECORD OF THE PRESSURE GAUGE.	NA
4	<input checked="" type="checkbox"/>	IS EVACUATION ARRANGEMENT IN PLACE		YES
5	<input checked="" type="checkbox"/>	IS GAS DETECTION SYSTEM WORKING		YES



SR NO	CHECK BOX	ITEM	NOTES	STATUS
6	<input checked="" type="checkbox"/>	PV VALVES OPERATION CONDITION IN ORDER.	CHECK THE PV VALVE MAINTENANCE RECORD ONBOARD AND CHECK THE OPERATION CONDITION MANUALLY BY LIFTING THE HANDLE. LAST DATE OVERHAULED	Yes and in good order
IG SYSTEM				
1	<input checked="" type="checkbox"/>	IG SYSTEM OPERATION AND RECORDS IN ORDER	YES/NO. LAST O2 CALIBRATION DATE. CHECK BY PASS SWITCH. CHECK THE LOGS FOR LAST CARGO OPERATION.	YES,
2	<input checked="" type="checkbox"/>	CHECK SPARE O2 SENSOR ON BOARD OR NOT.	QTY---. STOCK TO BE VERIFIED PHYSICALLY.	Fixed o2 device
3	<input checked="" type="checkbox"/>	IG DECK SEAL AND NON RETURN VALVE		NA, SATIS
4	<input checked="" type="checkbox"/>	IG SCRUBBER	CONDITION OF NOZZLES CONDITION OF DEMISTER	SATIS
5	<input checked="" type="checkbox"/>	IS PERIODIC MAINTENANCE OF SCRUBBER AND DECK SEAL CARRIED OUT	LAST INSPECTION SHOWS ALL CONDITION NORMAL	OCT tried out
6	<input checked="" type="checkbox"/>	IS LIQUID LEVEL IN WATER SEAL AND PV BREAKER CORRECTLY AND CLEARLY VISIBLE	CLEAR & VISIBLE	NA
COW (IF FITTED)				
1	<input type="checkbox"/>	IF OPERATION IN PROGRESS	CHECK IF RECORDS ARE BEING MAINTAINED CHECK THE PLAN CHECK ALL GAUGES ARE WORKING AND RECORDS FOR CALIBRATION ARE HELD.	NA
2	<input checked="" type="checkbox"/>	IS APPROVED COW OPERATIONS MANUAL ON BOARD		
	<input type="checkbox"/>			



SR NO	CHECK BOX	ITEM	NOTES	STATUS
CARGO(GAS TANKERS)				
	<input checked="" type="checkbox"/>	CARGO TANKS	CHECK RECORDS WHEN LAST INSPECTED EXTERNALLY CHECK FOR THE CONDITION OF TANK SKIRTING'S, DOME INSULATION AND DOME MOUNTINGS. CHECK CONDITION OF BELLOWS. IF AVAILABLE FOR INSPECTION GENERAL APPEARANCE/CLEANLINESS-DIRT, CARBON ETC CONDITION OF STEEL CONDITION OF LADDERS CONDITION OF PUMP SUPPORTS, PUMP IMPELLER, SUCTION WELL CONDITION OF RAILINGS	DD in March /April 2013 and All inspection carried out in DD.
	<input checked="" type="checkbox"/>	CARGO HOLDS	GENERAL CLEANLINESS. HUMIDITY- NOTE THE DEW POINT INSIDE(IF POSSIBLE) IS THE HOLD SPACE KEPT UNDER DRY AIR OR INERT GAS? CONDITION OF COATING OF TANK TOP ESPECIALLY BELOW THE TANKS CONDITION OF THE INSULATION-IS IT WET OR IS IT DAMAGED. IF DAMAGED A DETAILED REPORT WITH PHOTOGRAPH AND DIMENSIONS OF DAMAGED AREA SHALL BE ATTACHED. LOOK FOR CRACKS ON BRACKETS AND FRAMES ESPECIALLY NEAR THE SADDLE AREA CONDITION OF SADDLE CHECK CLEARANCE WHERE APPLICABLE. CHECK CLEARANCES AT LINERS OF CHOCKS WHERE APPLICABLE (AT RANDOM). CHECK	DD in March /April 2013 and All inspection carried out in DD. SATIS , all records checked.



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			RECORDS OF LAST INSPECTION CARRIED OUT BY THE VESSEL. TRY OUT BILGE HIGH LEVEL ALARMS CHECK THE CONDITION OF THE TEMPERATURE SENSORS.	
	<input checked="" type="checkbox"/>	CHECK FOR ANY GAS LEAKS ON DECK		NO
	<input checked="" type="checkbox"/>	DATE OF CARGO HEATER AND VAPORIZER LAST PRESSURE TESTED		DD April13
	<input checked="" type="checkbox"/>	CONDITION OF CABLE TRUNKS.		SATISFACTORY
	<input checked="" type="checkbox"/>	CONDITION OF CATWALK	CHECK ITS GENERAL CONDITION, CONDITION OF BRACKETS.	POOR
	<input checked="" type="checkbox"/>	CONDITION OF CARGO PIPELINES AND ITS INSULATION		POOR
	<input checked="" type="checkbox"/>	CONDITION OF INSTRUMENT GAUGES, TRANSMITTERS.		POOR
	<input checked="" type="checkbox"/>	CHECK CONDITION OF PNEUMATIC PIPES FOR ESD	CONDITION OF ESD ACTIVATION POINTS.	SATISFACTORY
	<input checked="" type="checkbox"/>	CHECK CONDITION OF GAS DETECTOR PIPES		POOR
	<input checked="" type="checkbox"/>	CONDITION OF MANIFOLD GAUGES	ARE THEY ALL WORKING DATE OF LAST CALIBRATION DATE -	SATISFACTORY
	<input checked="" type="checkbox"/>	CARGO PUMPS	CHECK THE PERFORMANCE RECORDS INSULATION OF MOTORS CONDITION OF MECHANICAL SEAL IS THE SEAL OIL LEVEL MAINTAINED DOES THE C/O, G/E KNOW THE DIFFERENTIAL BETWEEN SEAL OIL PRESS AND DISCHARGE PRESSURE TO BE MAINTAINED. IS THE COUPLING GUARD KEPT CLOSED AND SECURED DURING THE CARGO OPERATION? CHECK THE RECORDS FOR BEARING	SATISFACTORY // No.3 (S) Cargo Pump inoperational



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			TEMPERATURES ENCOUNTERED IN HOT CLIMATE.	
	<input checked="" type="checkbox"/>	CARGO PLANT	CHECK THE PARAMETERS CHECK FOR LEAKS, BEARING TEMPERATURES, BULKHEAD SEAL TEMPERATURES CHECK IF ALL INSTRUMENTATION IS IN WORKING CONDITION CHECK QUALITY OF AIR FROM THE FILTERS-DEW POINT INSULATION ON PIPE LINES AND CONDENSERS. COMPRESSOR CRANKCASE SEAL- IS IT HOLDING- LEAKAGE PER MINUTE RECORD. CRANKCASE PRESSURE CONDITION OF BILGES- DOES THE VESSEL HAVE SUFFICIENT SPARES FOR THE PLANT? GLYCOL QUALITY TEST PROCEDURE-IS IT IN PLACE. RUNNING HOURS OF COMPRESSORS.	Satisfactor y
	<input checked="" type="checkbox"/>	CARGO LEVEL GAUGING SYSTEM	LAST CALIBRATION DATE ANY PROBLEMS REPORTED ESSENTIAL SPARE PARTS AVAILABLE ARE G/E, C/E AND C/O COMFORTABLE IN HANDLING THE GAUGING SYSTEM-INTERVIEW THEM	Satisfactor y & Calibrated
	<input checked="" type="checkbox"/>	GAS DETECTOR UNIT	LAST CALIBRATION DATE WHO DOES THE CALIBRATION- ASK C/O TO CARRY OUT CALIBRATION? ESSENTIAL SPARES ARE THEY AVAILABLE.	16 April 15
	<input checked="" type="checkbox"/>	CCR	IS THE INSTRUMENTATION IN GOOD ORDER? IS THE BALLASTING SYSTEM IN GOOD ORDER?	Satisfactor y



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			LOADICATOR-ANY PROBLEMS	
CARGO SYSTEMS-DRY CARGO/OBO				
	<input type="checkbox"/>	HATCH COVERS	CHECK CONDITION CHECK HATCH COMINGS, COVERS, WEDGES, CLEATS CHECK CONTAINER SOCKETS ON HATCH COVERS	NA
	<input type="checkbox"/>	HYDRAULIC SYSTEM FOR OPERATING THE HATCHES	CYLINDERS, MOTORS CHECK FOR LEAKAGES IS OPERATION SLUGGISH	NA
	<input type="checkbox"/>	CARGO CRANES		
	<input type="checkbox"/>	GENERAL CONDITION	CHECK FOR GENERAL CLEANLINESS LIGHTING FOUNDATION AND STRUCTURE	
	<input type="checkbox"/>	HOISTING WIRES	CONDITION LAST RENEWED	
	<input type="checkbox"/>	LUFFING WIRES	CONDITION LAST RENEWED	
	<input type="checkbox"/>	HYDRAULIC SYSTEM	CHECK FOR LEAKS CHECK MAINTENANCE RECORDS CONDITION OF CONTROL VALVES AND LAST MAINTENANCE CARRIED OUT INSPECTION OF BRAKES -LAST CARRIED OUT LAST RENEWAL OF OIL CARRIED OUT IS THE CONTROL DIAGRAM READILY AVAILABLE	

[illegible]

BALLAST TANKS



SR NO	CHECK BOX	ITEM	NOTES	STATUS
	<input checked="" type="checkbox"/>		THE RECORDS ONBOARD SHALL BE CHECKED AND ANY TANKS WITH REPORTED PROBLEMS SHALL BE INSPECTED. IF ANY DAMAGE IN STRUCTURE OR COATING HAS BEEN REPORTED THAT TANK SHALL BE INSPECTED.	NO TANKS HAD DAMAGES
1	<input checked="" type="checkbox"/>	INSPECTED FORE PEAK AND AFT PEAK TANKS	TANK INSPECTION REPORT SHALL BE FILLED AND ATTACHED FOR THE TANKS INSPECTED.	Inspected as per sheduale
2	<input checked="" type="checkbox"/>	MANHOLE DOORS	- CHECK FREE EDGE AND WELD LINE FOR CRACKS	SATIS to POOR
3	<input checked="" type="checkbox"/>	COATINGS	- CHECK CONDITION- GOOD, FAIR, POOR	Fair
	<input checked="" type="checkbox"/>		-CHECK FOR BLISTERING	
	<input type="checkbox"/>		-CHECK FOR CORROSION- SURFACE, PITTING, EDGE OR GROOVE	
	<input type="checkbox"/>		- LIGHT, GENERAL, HEAVY PITTING- 5%,10% OR 20%	
	<input type="checkbox"/>	DEFORMATIONS	ANY INDENTATIONS, BUCKLING	None
	<input type="checkbox"/>	CRACKS AND FRACTURES	WEB FRAMES HOPPER- HOPPER WEB PLATING FOR BUCKLING	
	<input type="checkbox"/>		INNER AND OUTER BOTTOM LONGITUDINAL CONNECTION TO TRY BULKHEAD AND ADJACENT FLOORS- FLOORS WITH ASSOCIATED BRACKETS ESPECIALLY IN WAY OF TRANSVERSE BULKHEADS	
	<input type="checkbox"/>		FLOOR STIFFENER INNER BOTTOM CONNECTIONS- FLOORS WITH ASSOCIATED WEB STIFFENERS	
	<input type="checkbox"/>		WEB FRAME LONGITUDINAL- THE SIDE LONGITUDINAL WITH ASSOCIATED BRACKETS BETWEEN BALLAST AND FULLY LOADED WATER	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			LINE WHICH ARE MOST EXPOSED TO FATIGUE CRACKS.	
	<input type="checkbox"/>		THE SIDE LONGITUDINAL WITH ASSOCIATED BRACKETS WHICH ARE MOST EXPOSED TO FATIGUE CRACKS BETWEEN BALLAST AND FULLY LOADED WATER LINE	
	<input type="checkbox"/>		CONNECTION OF LONGITUDINAL TO TRANSVERSE WEB FRAMES AND BULKHEADS	
	<input checked="" type="checkbox"/>	FORE PEAK	SIDE SHELL / KNUCKLE LINE - CRACKS IN HULL PLATING IN WAY OF KNUCKLE LINE WELD SEAM	
	<input checked="" type="checkbox"/>		LONG GIRDER/ STRINGER DECK CONNECTIONS -CRACKING IN BRACKET CONNECTION AT STRINGER DECKS	
	<input checked="" type="checkbox"/>		COLLISION BULKHEAD/SIDE SHELL - CRACKING IN SIDE LONGITUDINAL BRACKET CONNECTION AT THE COLLISION BULKHEAD, ANY DENTS ON THE SIDE SHELL	
	<input checked="" type="checkbox"/>		BREAST HOOKS/STRINGER/WEBS - BUCKLING OF BREAST HOOKS, STRINGERS AND WEBS IN FORE PEAK TANK LONG GIRDERS /STRINGER DECK CONNECTIONS- CRACKING IN BRACKET CONNECTION AT STRINGER DECKS	
	<input checked="" type="checkbox"/>	SEDIMENTS		
	<input checked="" type="checkbox"/>	ANODES	WEAR 30% 30 TO 70% ABOVE 70%	30 to 70%



SR NO	CHECK BOX	ITEM	NOTES	STATUS
ENGINE ROOM				
1	<input checked="" type="checkbox"/>	ARE ANY OF THE FIRE SENSORS BYPASSED OR MALFUNCTIONING?		NO
2	<input checked="" type="checkbox"/>	IS THE FIRE ALARM PANEL FULLY OPERATIONAL AND KEPT ACTIVATED?		YES
3	<input checked="" type="checkbox"/>	ARE ANY OIL SIDE TANKS AND OR DB TANKS KEPT WITHOUT AUTO CLOSING MECHANISM IN THEIR GAUGE GLASSES OR SOUNDING PIPES		YES
4	<input checked="" type="checkbox"/>	IS THE BILGE OVERBOARD DISCHARGE VALVE LOCKED? KEY IN CUSTODY OF?		Sealed
5	<input checked="" type="checkbox"/>	ARE STARTING PROCEDURES PASTED NEAR THE MACHINERIES	EMERGENCY FIRE PUMP EMERGENCY GENERATOR EMERGENCY AIR COMPRESSOR EMERGENCY STEERING LIFE BOAT ENGINES MAIN SWITCH BOARD	YES
4	<input checked="" type="checkbox"/>	IS THE EMERGENCY BILGE SUCTION VALVE PAINTED WITH A DIST COLOR	ARE WORK INSTRUCTIONS AND PIPING DIAGRAM POSTED NEARBY ARE ALL ENGINEERS AWARE OF ITS LOCATION AND OPERATION	YES
5	<input checked="" type="checkbox"/>	ARE ALL DB TANK LOCATIONS MARKED		YES
6	<input checked="" type="checkbox"/>	ARE ALL OVERBOARD VALVES MARKED		YES
7	<input checked="" type="checkbox"/>	ARE ALL FLOOR PLATES SECURED		YES
8	<input checked="" type="checkbox"/>	BILGES	ARE THEY CLEAN AND DRY LIGHTING CONDITION OF PIPES CONDITION OF TANK TOP	SATIS
9	<input checked="" type="checkbox"/>	PUMPS	GENERAL CONDITION ARE THEY LEAK FREE- CONDITION OF MECHANICAL SEAL/GLAND PACKING CONDITION OF PUMP FOUNDATION	Satisfactory



SR NO	CHECK BOX	ITEM	NOTES	STATUS
10	<input checked="" type="checkbox"/>	STORM VALVES	CONDITION OF GAUGES CHECK CONDITION CHECK IF A ROUTINE EXISTS FOR OPERATING THEM TRY OUT ONE OF THEM AT RANDOM	NOT CHECKED
11	<input checked="" type="checkbox"/>	SEA CHEST VALVES	ARE THEY HOLDING CHECK WEATHER A ROUTINE EXISTS FOR TRYING OUT	NOT CHECKED
12	<input checked="" type="checkbox"/>	MGPS	CHECK RECORDS AND WEATHER APPROPRIATE CURRENT BEING MAINTAINED	SATIS
	<input type="checkbox"/>	ICCP	CHECK IF IN OPERATION CHECK LOG	
OILY WATER SEPARATOR				
1	<input checked="" type="checkbox"/>	PHYSICAL APPEARANCE OF UNIT		
2	<input checked="" type="checkbox"/>	DATE FILTER CLEANED/ REPLACED LAST		
3	<input checked="" type="checkbox"/>	DATE 15 PPM ALARM SENSOR CALIBRATED		
4	<input checked="" type="checkbox"/>	OPERATION OF 3 WAY VALVE, BILGE PUMP		
5	<input checked="" type="checkbox"/>	LOCKING ARRANGEMENTS FOR THE OVERBOARD VALVE		
6	<input checked="" type="checkbox"/>	ANY SIGNS OF TAMPERING TO THE OWS?		
1	<input checked="" type="checkbox"/>	PMS	1) MAINTENANCE TASKS IN ORDER? YEAR TO DATE OUTSTANDING TASK > 10 % YEAR TO DATE OUTSTANDING TASK > 6 % < 10 % YEAR TO DATE OUTSTANDING TASK > 2 % < 6 % YEAR TO DATE OUTSTANDING TASK < 2 % 2) CHECK WEATHER ALL ENGINEERS CAN OPERATE PMS SYSTEM 3) CHECK WEATHER DESCRIPTION OF JOB CARRIED OUT IS WRITTEN	PMS installed & all data updated.
	<input checked="" type="checkbox"/>	CBT	VIBRATION MONITORING RECORDS	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			HOT SPOT RECORDS MAIN BEARING TEMP MONITORING RECORDS	
	<input checked="" type="checkbox"/>	WORKSHOP	GENERAL CLEANLINESS SAFETY POSTERS- WELDING INSTRUCTIONS, FIRST AID -BURNS CONDITION OF TOOLS-ARE THEY ARRANGED CONDITION OF WELDING CABLE IS WELDING RETURN CABLE IN PLACE CHECK CONDITION OF WELDING TORCH AND PPE. PORTABLE EQUIPMENTS - ARE GUARDS FITTED. GRINDER- CHECK THE DISTANCE, WATER CONDITION OF EXHAUST VALVE GRINDING MACHINE.	FAIR
	<input type="checkbox"/>			
MAIN ENGINE				
1	<input checked="" type="checkbox"/>	GENERAL CONDITION	FUEL OIL LUBE OIL AIR AND WATER LEAKAGES VISIBLE IF ANY GAS LEAKS VISIBLE (BLACK MARKS) IF ANY ANY BROKEN COVERS, CASING ETC CONDITION OF EXHAUST PIPE LAGGING AND CASING COLOR OF EXHAUST GASES - ANY SPARKING, AS REFLECTED BY AMOUNT OF SOOT ON POOP DECKS	SATIS, MAINTEN ANCE PLANNED AT LAYUP PERIOD
2	<input checked="" type="checkbox"/>	CHECK ON RUNNING HOURS TO CONFIRM IF IT MATCHES WITH PMS, OVERDUE ITEMS AS PER RUNNING HOURS		
3	<input checked="" type="checkbox"/>	LAST TWO UNIT OVERHAUL REPORT WITH CONDITION OF PISTON CROWN AND LINER		AS PER MONTH END EMALS EXCHANGE



SR NO	CHECK BOX	ITEM	NOTES	STATUS
				D WITH SHORE
4	<input checked="" type="checkbox"/>	CONDITION OF PISTON ROD STUFFING BOX INCLUDING LEAKAGE RATE OF LO THROUGH STUFFING BOX		
5	<input checked="" type="checkbox"/>	EXHAUST VALVE OVERHAUL REPORT, INCLUDING WEAR PATTERN OF VALVE SPINDLE AND SEAT		
6	<input checked="" type="checkbox"/>	SCAVENGE SPACE INSPECTION REPORTS WITH REFERENCE TO LINER LUBRICATION & PISTON RINGS CONDITION. IF POSSIBLE CARRY OUT A SCAVENGE SPACE INSPECTION.	IS THE CLEANING OF SCAVENGE DRAIN PIPE CARRIED OUT REGULARLY.	
7	<input checked="" type="checkbox"/>	CRANK CASE INSPECTION AND FINDINGS SPECIALLY ANY METAL PARTICLES, LOOSE FASTENERS ETC		
8	<input checked="" type="checkbox"/>	ALL BEARING CLEARANCES AND CONDITION OF ANY BEARINGS IF OPENED IN LAST 6 MONTHS		
9	<input checked="" type="checkbox"/>	SIGHT THE LAST CRANK SHAFT DEFLECTION REPORT		
10	<input checked="" type="checkbox"/>	TURBOCHARGER - RUNNING HRS, WATER WASHING ROUTINES, SURGING IF ANY, TEMP BEF / AFTER T/C CONDITION OF OIL, SUCTION FILTER ETC		
11	<input checked="" type="checkbox"/>	AIR COOLER CONDITION, PR DROP ACROSS COOLER, CONDITION OF WATER CATCHER IF ANY, LAST O/H DATE	RECORD- PRESSURE DROP ACROSS AIR COOLER. WATER CATCHER LAST INSPECTED-	
12	<input checked="" type="checkbox"/>	ENGINE PERFORMANCE AND POWER BALANCE	COMP PRS, PEAK PRS, TEXH, T/C RPM, AIR COOLER DROP, SCAV AIR TEMP, PR INDICATOR CARDS, CYL AND SYSTEM OIL CONSUMPTION, SPEED FUEL CONSUMPTION AND CONCLUSIONS OF THE LAST PERFORMANCE	
13	<input checked="" type="checkbox"/>	JCW SYSTEM - .	SIGHT WATER TEST REPORTS, ANY CONTAMINATION (S.W., OIL ETC) TO SYSTEM	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
14	<input checked="" type="checkbox"/>	M.E. ALARMS AND SHUT DOWN -	LAST TESTS, PHYSICAL APPEARANCE, ANY OTHER PROBLEMS TRY OUT LO LOW PRESSURE TRIP IF POSSIBLE	
15	<input checked="" type="checkbox"/>	MANEUVERING SYSTEM -	ANY STARTING REVERSING PROBLEMS, MINIMUM ST AIR PR AT WHICH ENGINE KICKS ETC CHECK IF OVERHAUL KITS ARE AVAILABLE BRIDGE MANEUVERING SYSTEM - PROBLEMS IF ANY LOCAL MANEUVERING SYSTEM, WHEN LAST TRIED OPERATING PROCEDURE FOR EMERGENCY MANEUVERING IF DISPLAYED AT LOCATION	EMERGENCY MANEUVERING TRIED OUT SATIS
16	<input checked="" type="checkbox"/>	CONDITION OF FUNNEL EXHAUST, COLOR AMOUNT OF SOOT ON DECKS	AT ECO SPEED - 13k and below WHITTISH (UNBURNT), CLEAR AT HIGHER SPEEDS	NO SMOKE SIGHTED
17	<input checked="" type="checkbox"/>	LAST LO ANALYSIS REPORT	CHECK IF FILED	YES
18	<input checked="" type="checkbox"/>	CONDITION OF LO FO JCW COOLERS	LAST TEST DATE, ANODES, LAST CLEANED, DO THEY COPE UP	
19	<input checked="" type="checkbox"/>	CONDITION OF LO AND HFO FILTERS,	SPARES ON BOARD AND CONSUMPTION	
20	<input checked="" type="checkbox"/>	CONDITION OF JCW, FO HEATERS -	LAST CLEANED, DO THEY COPE UP, ANY LEAKS	
21	<input checked="" type="checkbox"/>	CONDITION OF SPARE PISTON, LINER, EXHAUST V/V, FUEL PUMP, CYLINDER COVER, FUEL VALVES, AIR START V/VS, INDICATOR COCKS COMPLETE	1 SPARE PISTON COMPLETE	
22	<input checked="" type="checkbox"/>	LEVEL OF INVENTORIES OF ESSENTIAL SPARES.	PISTON RINGS, FUEL NOZZLES, PLUNGER BARRELS, MAIN, CROSSHEAD AND BOTTOM END BEARING SHELLS, AND OTHER CONSUMABLES AT RANDOM CHECK WITH THE LIST	
23	<input checked="" type="checkbox"/>	SHAFTING & SEALS	INTERMEDIATE SHAFT BEARING, LUBRICATION, COOLING WATER PIPES ETC.	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			STERN TUBE LO LAST REPORT, PRESENT CONDITION, CONSUMPTION OF OIL, LEAKS IF ANY?	
24	<input checked="" type="checkbox"/>	TIE BOLTS LAST CHECKED	DATE--	
25	<input checked="" type="checkbox"/>	FOUNDATION BOLTS	LAST CHECK DATE NOT AVAILABLE	
26	<input checked="" type="checkbox"/>	ARE ANY MAJOR VIBRATIONS EXPERIENCED		
27	<input checked="" type="checkbox"/>	ME AUXILIARY BLOWERS BLANKING PROCEDURES READ AND UNDERSTOOD BY C/E AND 2/E BLANKING TOOLS AVAILABLE		
28	<input checked="" type="checkbox"/>	ANTI SPLASH TAPES IN PLACE ON FO PIPES		
29	<input checked="" type="checkbox"/>	OVERFLOW SYSTEM IS IN SERVICE CORRECTLY	DATE LAST TESTED THE FO OVERFLOW ALARM	
30	<input checked="" type="checkbox"/>	CONDITION OF BILGES BELOW THE MAIN ENGINE	SLIGHT OIL LKS NEAR FLYWHEEL	
31	<input checked="" type="checkbox"/>	LO PIPE BELOW CONNECTING CRANK CASE TO MAIN LO PIPE		
AUXILIARY ENGINES AND ALTERNATORS				
1	<input checked="" type="checkbox"/>	GENERAL APPEARANCE OF ALL GENERATORS AND GENERATOR PLATFORM INCLUDING BILGES	FO, LO ,JCW ,AIR AND EXHAUST GAS LEAKS IF ANY ON AE ANY BROKEN CASINGS, COVERS, INSTRUMENTS ETC ANY DAMAGED LAGGING ON EXHAUST PIPES ANY VIBRATIONS ON THE RUNNING GENERATORS CONDITION OF THE INSTRUMENTS ATTACHED TO THE ENGINE CONDITION OF FLEXIBLE HOSES ON ENGINES ENGINE EXHAUST AS SEEN FROM THE FUNNEL - SPARKING IF ANY	MAINTENANCE PLANNED AT LAYUP
2	<input checked="" type="checkbox"/>	PERFORMANCE OF ENGINE	LOAD AT WHICH LAST PERFORMANCE TAKEN - CHECK IF THE PERFORMANCE IS BEING TAKEN AT CONSTANT LOAD. FUEL OIL AND LUB OIL INLET TEMPERATURES-	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			RECORD FOR RUNNING ENGINE VISCOSITY OF FO AND VISCOTHERM WORKING ATTACH A COPY OF RUNNING HRS AND LAST PERFORMANCE TAKEN	
3	<input checked="" type="checkbox"/>	DISCUSS WITH C/E	LAST DECARB REPORT FOR GENERATORS W.R.T. CONDITION OF LINERS, PISTONS, BRGS, C/SHAFT JOURNALS, CONRODS, CYLINDER COVERS ANY CONRODS TO LAND FOR RECON ANY CONRODS TO LAND FOR RECON ANY CYLINDER COVERS TO RECON WEAR PATTERN OF LINERS, PISTON RINGS, SCRAPER RINGS, EXHAUST AND INLET VALVES	
	<input checked="" type="checkbox"/>	TAPPETS AND VALVE ROTATORS	ARE VALVE ROTATORS OVERHAULED DURING THE ROUTINE OVERHAULS	
4	<input checked="" type="checkbox"/>	LO CONSUMPTION FOR EACH GENERATOR	CHECK LAST ANALYSIS REPORTS FOR LO, CONDITION OF LO COOLER, LAST CLEAN DATE, LAST RENEWAL OF COMPLETE CHARGE OF LO, ETC	
5	<input checked="" type="checkbox"/>	TURBOCHARGERS	LAST OVERHAULED ARE WATER WASHING ROUTINES BEING FOLLOWED SURGING IF ANY	
6	<input checked="" type="checkbox"/>	AIR COOLERS	LAST CLEANED, DROP ACROSS AIR COOLERS	
7	<input checked="" type="checkbox"/>	CONDITION OF ENGINE FLEXI MOUNTING IF ANY, VIBRATION LEVELS ON THE ENGINE, GENERATORS ETC	ALL RENEWED	
8	<input checked="" type="checkbox"/>	GENERATOR ALARM AND SHUT DOWN SYSTEM - LAST TEST DATES, TEST AT RANDOM,	WHEN WAS LO LOW PRESSURE TRIP TEST CARRIED OUT LAST TIME CARRY OUT TEST ON ONE MACHINE IF POSSIBLE	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			IS THE FO LEAK ALARM WORKING? LAST TEST DATE AND IF POSSIBLE TRY OUT FOR ONE MACHINE.	
9	<input checked="" type="checkbox"/>	IS THERE A PRACTICE OF BLOWING THROUGH THE PIPELINES LEADING TO THE OVERFLOW TANK?	IF NOT THEN EXPLAIN TO THE SHIP STAFF THE DANGERS OF LEAK OFF ALARM NOT WORKING DUE TO THIS.	
10	<input checked="" type="checkbox"/>	DOES THE VESSEL CARRY OUT AIR BLOW BEFORE STARTING		
11	<input checked="" type="checkbox"/>	LAST CRANKSHAFT DEFLECTION TAKEN		
12	<input checked="" type="checkbox"/>	INVENTORY LEVELS -	SPARE CYLINDER COVERS, FUEL PUMPS, PLUNGER BARRELS, PISTONS, PISTON RING SETS, CON RODS, LINERS, FUEL NOZZLES, MAIN & B.E. BRG SHELLS, VALVES & V/V SEATS AND CONSUMABLES	
13	<input checked="" type="checkbox"/>	INTAKE AND EXHAUST VALVES SPARE CORRECTLY IDENTIFIED AND SEPARATED		
14	<input checked="" type="checkbox"/>	IS THE SIGNBOARD TURNING GEAR ENGAGED USED CORRECTLY?		
15	<input checked="" type="checkbox"/>	IS THE CREW FOLLOWING LOCK OUT/TAG OUT SYSTEM ONBOARD?		
	<input checked="" type="checkbox"/>	ALTERNATORS	LAST CLEANING DONE - DATE LAST AIR GAP CHECKED CONDITION OF COOLERS IF APPLICABLE ANY SPARE AVR S ON BOARD?	
	<input checked="" type="checkbox"/>	MAIN SWITCH BOARD	ARE SAFETY PRECAUTIONS POSTED ELECTRICAL SHOCK POSTER AND DANGER 440 VOLTS POSTER-PASTED ELECTRICAL MATTING (HIGH VOLTAGE IN PLACE BOTH IN FRONT AND BEHIND)	



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			METERS LAST CALIBRATION DATE- ARE ALL METERS AND BREAKERS WORKING CHECK IF THE WATTAGE ,VOLTAGE ,AMPERE AND POWER FACTOR ARE CORRESPONDING INSULATION METER READING 440 VOLTS----- INSULATION METER READING 110/220 VOLTS----- - LAST THERMOGRAPHY OF MSB----- SPARE ROB OF BREAKERS OF EACH TYPE-----.	
	<input checked="" type="checkbox"/>	ACB	DATE LAST INSPECTED /SERVICED CONDITION -CHECK FROM RECORDS IF AVAILABLE DATE LAST TRIPS TRIED OUT-	
	<input checked="" type="checkbox"/>	AUTO LOAD SHARING OF GENERATORS	IS IT WORKING- CHECK IF THE GENERATORS ARE ON AUTO PARALLEL OPERATION OF GENERATORS STATUS OF OTHER BREAKERS ON MSB ARE THE GENERATORS NOT RUNNING KEPT ON STD BY MODE WHEN MAINTENANCE IS NOT BEING CARRIED OUT	
PURIFIERS				
1	<input checked="" type="checkbox"/>	LO PURIFIER	IS IT KEPT RUNNING IN PORT WHAT IS THE THROUGH PUT MAINTAINED SIZE OF GRAVITY DISC TEMPERATURE BEING MAINTAINED FREQUENCY OF CLEANING DE-SLUDGING INTERVAL IS DG LUBE OIL PURIFIED- WHAT METHOD IS BEING USED	SATIS
2	<input checked="" type="checkbox"/>	HO/ DO PURIFIER	WHAT IS THE THROUGH PUT MAINTAINED SIZE OF GRAVITY DISC TEMPERATURE BEING MAINTAINED	1 NOS SATIS



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			FREQUENCY OF CLEANING DE-SLUDGING INTERVAL TEMPERATURE AT PURIFIER OUTLET HOW MANY PURIFIERS ARE RUN AND WHAT COMBINATION IS EMPLOYED IS THE FUEL ANALYSIS BEING CHECKED FOR DECIDING IF CHANGE IN GRAVITY DISC IS REQUIRED?	
3	<input checked="" type="checkbox"/>	FO MANAGEMENT	TEMPERATURE AT ME FO HEATER INLET/OUTLET TEMPERATURE AT AE FO HEATER INLET/OUTLET SERVICE TANK TEMP SETTLING TK TEMP FO TEMP AT ME INLET(CHECK RECORDS/LOG BOOK) FO TEMP AT AE INLET(CHECK RECORDS/LOG BOOK)	
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
BOILERS , ECONOMIZER & STEAM PLANT				
1	<input checked="" type="checkbox"/>	WATER TEST REPORTS	CHECK CONDITION OF BOILER WATER, FEED WATER, CASCADE TANK WATER, AND ANALYSIS REPORTS FROM UNITOR. INVENTORY OF TREATMENT CHEMICALS.	SIGHTED REPORTS SATIS
2	<input checked="" type="checkbox"/>	GENERAL LEVEL OF CLEANLINESS AROUND THE BOILER INCLUDING	FO, AIR, FEED WATER, STEAM LEAKS AROUND BOILER PLANT LEAKS IN WAY OF THE BILGES AROUND BOILER PLATFORM BOILER MOUNTINGS.	FAIR



SR NO	CHECK BOX	ITEM	NOTES	STATUS
3	<input checked="" type="checkbox"/>	FLAME AND COMBUSTION OF BOILER		
4	<input checked="" type="checkbox"/>	CHECK	FURNACE CONDITION INCLUDING REFRACTORY AS REPORTED FROM LAST INSPECTION CONDITION OF GAS SIDE AS REPORTED FROM LAST INSPECTION PR DROP OF FLUE GASES ACROSS THE ECONOMIZER IF THE BOILER FURNACE DRAINS ARE CLEAR? FREQUENCY OF SOOT BLOWING AND BOILER BLOW DOWN AND EFFICACY IS SCUM BLOW DOWN CARRIED OUT- CHECK RECORDS COLOR OF BOILER EXHAUST GASES, SPARKS IF ANY	
5	<input checked="" type="checkbox"/>	BOILER AUTOMATION, LAST TEST DATE FOR ALARMS AND TRIPS		
6	<input checked="" type="checkbox"/>	SPARE BOILER TUBES, PLUGS, BURNER SPARES, AUTOMATION SPARES,		
7	<input checked="" type="checkbox"/>	CONDITION OF DUMP CONDENSER, DATE LAST CLEANED,		
8	<input checked="" type="checkbox"/>	CONDITION OF MAIN CONDENSER, VACUUM LEVELS, AUTO DUMP VALVE, LEAKS IF ANY AFFECTING BUILD UP OF VACUUM		
9	<input checked="" type="checkbox"/>	CONDITION OF HOT WELL - LOSS OF STEAM FROM HOT WELL IF ANY		
10	<input checked="" type="checkbox"/>	CONDITION OF STEAM TRAPS. IS ROUTINE INCORPORATED IN THE PMS?		
11	<input checked="" type="checkbox"/>	CONDITION OF STEAM PIPES AND VALVES IN ER & DECK		
12	<input checked="" type="checkbox"/>	CONDITION OF FD FAN AND MOTOR FOR BOILERS		



SR NO	CHECK BOX	ITEM	NOTES	STATUS
13	<input checked="" type="checkbox"/>	ARE GAUGE GLASSES CLEANED		
14	<input checked="" type="checkbox"/>	IS REGULAR BLOW THROUGH OF GAUGE GLASS BEEN CARRIED OUT?	REQUEST VESSEL STAFF TO CARRY OUT BLOW OFF GAUGE AND CONFIRM WATER LEVEL IS MOVING IN FRONT OF SI.	
15	<input checked="" type="checkbox"/>	CARRY OUT BLOW OFF THE LEADING PIPE FOR LEVEL TRANSMITTER? HOW OFTEN?		
16	<input checked="" type="checkbox"/>	LEVEL CONTROLLER IS WORKING PROPERLY	CONFIRM WORKING PROPERLY BY CHANGING THE SETTING. DO NOT FORGET TO SET IT AT THE ORIGINAL SETTING.	
17	<input checked="" type="checkbox"/>	SAFETY DEVICE TEST IS CARRIED OUT PERIODICALLY AND RESULTS ARE IN GOOD CONDITION.	REQUEST VESSEL STAFF TO CARRY OUT LOW LOW WATER LEVEL TRIP IN FRONT OF SI AND RECORD THE FIGURE ON C/R LEVEL GAUGE AND LEVEL GAUGE IN SIGHT.	
LO ANALYSIS				
1	<input checked="" type="checkbox"/>	IS LUBE OIL BEEN LANDED ASHORE AS PER COMPANY GUIDELINES	WHEN WAS THE SAMPLE LANDED LAST? DESCRIBE THE LAST ANALYSIS REPORT.	22 nd Jan'15
2	<input checked="" type="checkbox"/>	IS LO ANALYSIS CARRIED OUT AT SHORE PERIODICALLY.		
3	<input checked="" type="checkbox"/>	DOES THE VESSEL ANALYZE LO FOR AIR COMPRESSOR AFTER CHANGING THE LEAD COMPRESSOR		
4	<input checked="" type="checkbox"/>	CRITICAL MACHINERIES AND SYSTEMS		
STEERING GEAR				
1	<input checked="" type="checkbox"/>	GENERAL APPEARANCE		SATIS
2	<input checked="" type="checkbox"/>	HYDRAULIC LEAKS IF ANY		MINOR
3	<input checked="" type="checkbox"/>	DATE LAST TESTED EMERGENCY STEERING		24 Feb'15
4	<input checked="" type="checkbox"/>	EMERGENCY STEERING INSTRUCTIONS IN PLACE?		YES
5	<input checked="" type="checkbox"/>	CONDITION OF HYDRAULIC RAMS IF APPLICABLE		
6	<input checked="" type="checkbox"/>	ANY DEFECTS, BREAKDOWNS REPORTED?		
7	<input checked="" type="checkbox"/>	VISUAL INSPECTION OF FOUNDATION FOR		



SR NO	CHECK BOX	ITEM	NOTES	STATUS
		CRACKS		
8	<input checked="" type="checkbox"/>	CONDITION OF OIL		SATIS
9	<input checked="" type="checkbox"/>	ANY WATER INGRESS FROM RUDDERSTOCK?		NONE
10	<input checked="" type="checkbox"/>	MOTORS FOR HYDRAULIC PUMP - OPERATIONAL PERFORMANCE, LAST MEGGER ETC		SATIS
11	<input type="checkbox"/>			
EMERGENCY FIRE PUMP				
1	<input checked="" type="checkbox"/>	GEN CONDITION OF FIRE PUMP RECONDITION- CONDITION OF PAINT, PIPES, SUPPORTS, PUMP FOUNDATION ETC		SATISFAC TORY
2	<input checked="" type="checkbox"/>	PRIME MOVER CONDITION - GENERAL CONDITION OF ENGINE / MOTOR, PROBLEMS REPORTED IF ANY	MOTOR	SATIS
3	<input checked="" type="checkbox"/>	ACTUAL RUNNING TEST INSPECTION OF FIRE P/P	IS PERFORMANCE RECORDED IN BALLAST CONDITION AND REPORTED QUARTERLY	CHECKED ON BALLAST CONDITIO N - SATIS
4	<input checked="" type="checkbox"/>	NON RETURN VALVE ON FIRE PUMP		OPRTNL
5	<input checked="" type="checkbox"/>	PERFORMANCE OF PUMP IN BALLAST CONDITION.		SATIS
6	<input checked="" type="checkbox"/>	CONDITION OF COUPLING BETWEEN P/P AND PRIME MOVER		SATIS
7	<input checked="" type="checkbox"/>	SPARES FOR EMERGENCY FIRE PUMP		MIN REQD AVLBL
	<input type="checkbox"/>			
EMERGENCY GENERATOR				
1	<input checked="" type="checkbox"/>	GEN CONDITION OF THE EMERGENCY GEN ROOM INCLUDING VENTILATION LIGHTING ACCESS ETC		SATIS
2	<input checked="" type="checkbox"/>	DATE LAST TESTED OFF LOAD AND ON LOAD, RESULTS AT LAST BLACKOUT TEST		14 nd Mar'15



SR NO	CHECK BOX	ITEM	NOTES	STATUS
3	<input checked="" type="checkbox"/>	CONDITION OF ENGINE - OIL, WATER, LEAKS IF ANY, LEVEL OF VIBRATIONS, COOLING FAN , VENTILATION ETC		SATIS
4	<input checked="" type="checkbox"/>	STATUS OF ALTERNATIVE STARTING ARRANGEMENTS		SATIS
5	<input checked="" type="checkbox"/>	SPARES FOR EMERGENCY GENERATOR		
6	<input checked="" type="checkbox"/>	GENERAL CONDITION AND PERFORMANCE OF THE UNIT		SATIS
7	<input checked="" type="checkbox"/>	DATE LAST TESTED		14 Mar'15
8	<input checked="" type="checkbox"/>	PROBLEMS REPORTED IF ANY		None
1	<input checked="" type="checkbox"/>	GENERAL CONDITION OF THE VALVES, LEAKS IF ANY	DATE LAST TESTED SPARE SEAL SETS AVAILABLE ON BOARD IF APPLICABLE	
REMOTE STOPS				
	<input checked="" type="checkbox"/>	GENERAL CONDITION, DAMAGED SWITCHES IF ANY	DATE LAST TESTED	
FIRE FLAPS & REMOTE STOPS				
1	<input checked="" type="checkbox"/>	GENERAL CONDITION AND APPEARANCE ARE FLAPS FREE TO MOVE, ARE WIRES CLOSING THE FLAPS, IF ANY, IN GOOD CONDITION?	ARE THEY AIR TIGHT? DATE LAST GREASED DATE LAST TESTED	SATIS
2	<input checked="" type="checkbox"/>	EMERGENCY BATTERIES	CHECK CONDITION DATE LAST BATTERIES RENEWED DATE LAST DISCHARGE TEST CARRIED OUT VERIFY BATTERY LOG	SATIS
INCINERATOR				



SR NO	CHECK BOX	ITEM	NOTES	STATUS
1	<input checked="" type="checkbox"/>	GENERAL APPEARANCE AND PHYSICAL CONDITION OF THE UNIT	CONDITION OF REFRACTORY ANY HOTSPOTS ON THE INCINERATORS, EXHAUST PIPING? ARE THE THERMOMETERS IN EXHAUST TRUNKING WORKING IN GOOD ORDER?	
2	<input checked="" type="checkbox"/>	ARE THE ALARMS AND TRIPS WORKING IN GOOD ORDER?		
3	<input checked="" type="checkbox"/>	RATE OF BURNING SLUDGE - DOES THIS COPE UP WITH SLUDGE GENERATION?		
CO2 FIXED FIRE FIGHTING SYSTEM				
1	<input type="checkbox"/>	ARE ALARMS AND TRIPS WORKING NORMAL?		FULL SYSTEM SATIS
	<input type="checkbox"/>	IS THE KEY AVAILABLE EASILY?		
	<input type="checkbox"/>	IS BREAK GLASS ARRANGEMENT IN ORDER		
	<input type="checkbox"/>	DATE OF CO2 LINES PURGED THROUGH		
	<input type="checkbox"/>	ARE ALL BOTTLES CONNECTED?		
	<input type="checkbox"/>	IS EXHAUST FAN WORKING IN GOOD ORDER?		
	<input type="checkbox"/>	ARE BOTTLES STAMPED WITH LAST PR TEST?		
	<input type="checkbox"/>	ARE BOTTLES STAMPED WITH LAST SERVICE DATE?		
	<input type="checkbox"/>	ARE BOTTLES STAMPED WITH LAST WEIGH DATE?		
	<input type="checkbox"/>	IS HORN AUDIBLE IN ER?		
	<input type="checkbox"/>	GENERAL HOUSEKEEPING OF CO 2 ROOM		
	<input type="checkbox"/>			
FIXED FOAM FIRE FIGHTING SYSTEM				
1	<input checked="" type="checkbox"/>	IS QUANTITY OF FOAM IN TANK CORRECT?		NA
2	<input checked="" type="checkbox"/>	DATE WHEN FOAM SAMPLE LAST ANALYZED		



SR NO	CHECK BOX	ITEM	NOTES	STATUS
3	<input checked="" type="checkbox"/>	CAN FOAM PUMP TURN BY HAND?		
4	<input checked="" type="checkbox"/>	CAN THE SYSTEM VALVES ETC WORK FREELY?		
5	<input checked="" type="checkbox"/>	IS ANY SPARE FOAM ON BOARD?		
6	<input checked="" type="checkbox"/>	ARE THERE ANY LEAKS IN FOAM ROOM?		
7	<input checked="" type="checkbox"/>	IS FOAM LINE IN GOOD CONDITION?		
8	<input checked="" type="checkbox"/>	DATE WHEN FOAM LAST TESTED ON DECK THROUGH FOAM MONITORS		
9	<input checked="" type="checkbox"/>	ARE ALL FOAM MONITORS FREE TO TURN		
10	<input checked="" type="checkbox"/>	ARE THE LINES & VALVES TAGGED PROPERLY?		
11	<input checked="" type="checkbox"/>	ARE OPERATING INSTRUCTIONS POSTED AT FOAM STATION?		
12	<input checked="" type="checkbox"/>	FIRE PUMPS, HYDRANTS, HOSES, NOZZLES		
13	<input checked="" type="checkbox"/>	ARE FIRE PUMPS LEAKING?		
14	<input checked="" type="checkbox"/>	ARE GAUGES ON THE PUMPS IN GOOD ORDER?		
15	<input checked="" type="checkbox"/>	ARE FIRE HYDRANTS TIGHT UNDER PRESSURE?		
16	<input checked="" type="checkbox"/>	DO FIRE HOSES LEAK?		
17	<input checked="" type="checkbox"/>	GENERAL CONDITION OF HOSES, SPECIALLY ER HOSES AS THEY ARE SUSCEPTIBLE TO DAMAGE		
18	<input checked="" type="checkbox"/>	ARE NOZZLES LEAKING?		
19	<input checked="" type="checkbox"/>	CONDITION OF FIRE HOSE CABINETS, ARE THE DOORS CLOSING?		
20	<input checked="" type="checkbox"/>	ARE THERE ANY DOUBLERS ON THE FIRE LINE?		
21	<input type="checkbox"/>	IS DECK ISOLATION VALVE MARKED?		
	<input type="checkbox"/>			
EMERGENCY BILGE SUCTION				
1	<input checked="" type="checkbox"/>	IS EMERGENCY BILGE SUCTION MARKED?		YES
2	<input checked="" type="checkbox"/>	DATE LAST TESTED		VALVE MOVEMENT SMOOTH



SR NO	CHECK BOX	ITEM	NOTES	STATUS
SCBA COMPRESSOR				
1	<input checked="" type="checkbox"/>	GENERAL CONDITION OF SCBA COMPRESSOR		SATIS
2	<input checked="" type="checkbox"/>	CAN THE COMPRESSOR FILL TO REQUIRED PR?		YES
3	<input checked="" type="checkbox"/>	DATE WHEN SCBA COMPRESSOR SERVICED		
4	<input checked="" type="checkbox"/>	DATE WHEN SCBA SAMPLE TESTED ASHORE		June'14
5	<input checked="" type="checkbox"/>	IS SPARE FILTER AND LO AVAILABLE?		YES
6	<input checked="" type="checkbox"/>	CAN THE COMPRESSOR FILL ALL TYPES OF BOTTLES?		YES - ADAPTORS AVLBL
	<input type="checkbox"/>			
PORTABLE FIRE EXTINGUISHERS				
1	<input checked="" type="checkbox"/>	IS THE QUANTITY MATCHING THE REQUIREMENTS		YES
2	<input checked="" type="checkbox"/>	DATE LAST SERVICED ASHORE?		APRIL'13
3	<input checked="" type="checkbox"/>	GENERAL CONDITION OF EXTINGUISHERS		SATIS
4	<input checked="" type="checkbox"/>	ARE SPARES AS LISTED & AS REQUIRED?		YES
5	<input type="checkbox"/>	TEST AND RECHARGE AT RANDOM		NT DONE
	<input type="checkbox"/>			
EMERGENCY SHUT DOWN SYSTEM				
1	<input checked="" type="checkbox"/>	IS ESD SYSTEM WORKING?	DATE LAST TESTED ARE THERE ANY LEAK ON THE SYSTEM	SATIS
BUNKERING SYSTEM				
1	<input checked="" type="checkbox"/>	GENERAL CONDITION OF BUNKER LINES, VALVES	LAST PRESSURE TESTED AND AT WHAT PRESSURE IS DATE STENCILED ON THE MANIFOLD	SATIS FWD TK NOT IN USE
2	<input checked="" type="checkbox"/>	RANDOM CHECK AT THE BUNKER PLAN & CHECK LIST		SATIS
3	<input checked="" type="checkbox"/>	ARE THE GAUGES IN ORDER?		
4	<input checked="" type="checkbox"/>	IS CONTINUOUS SAMPLING IN USE?		



SR NO	CHECK BOX	ITEM	NOTES	STATUS
5	<input checked="" type="checkbox"/>	ARE BUNKER LINES, TANK CAPACITIES HIGHLIGHTED?		
	<input checked="" type="checkbox"/>	ANY PROBLEMS EXPERIENCED BY VESSEL		
GAS DETECTION SYSTEM				
1	<input checked="" type="checkbox"/>	WHETHER THE VESSEL HAS SUFFICIENT CALIBRATION GAS FOR GAS DETECTION EQUIPMENT	CHECK INVENTORY.	YES
HYDRAULIC SYSTEM				
	<input checked="" type="checkbox"/>	CONDITION OF FWD AFT HYDRAULIC SYSTEM.	RED OR GREEN. VERIFY AT LOCATION.	SATIS
TURBO GENERATOR				
	<input type="checkbox"/>	PROPER PROCEDURE FOR STARTING AND DRAINING IS IMPLEMENTED.	CHECK THE OPERATIONAL PARAMETERS. IS THE OPERATING PROCEDURE DISPLAYED IS THE PRACTICE OF DRAINING THE STEAM LINES PROPERLY AND WARMING UP THE STEAM LINES BEFORE THE START OF TG INCORPORATED IN THE PROCEDURE. CONDITION OF ALTERNATOR COOLER CHECK RECORDS OF TESTING OF T/G TRIPS AND ITS FREQUENCY TEMPERATURE OF THE COUPLING AND BEARINGS IS BEING CHECKED. VIBRATIONS IF ANY—STATE THE READING ON VIBRATION METER.	NA
ELECTRICAL SYSTEMS				
1	<input checked="" type="checkbox"/>	SIGHT THE LAST INSULATION REPORT		SIGHTED
2	<input checked="" type="checkbox"/>	IS THE VESSEL MAINTAINING ESSENTIAL SPARE PARTS INVENTORY FOR ELECTRONIC CARDS.		YES
3	<input checked="" type="checkbox"/>	IS THE PRACTICE OF ELECTRICAL ISOLATION BEING FOLLOWED? CHECK IF THE MEN AT WORK PLACARD IS BEING		YES - FOLLOWE D



SR NO	CHECK BOX	ITEM	NOTES	STATUS
		USED TO LOCK OUT/ TAG OUT.		
4	<input checked="" type="checkbox"/>	CHECK AT RANDOM SOME OF THE LOCAL STARTER PANELS IF THE CLEANING ROUTINES ARE BEING CARRIED OUT.		YES
5	<input checked="" type="checkbox"/>	CHECK THE TESTING OF ALARMS AND TRIPS RECORD.		CHECKED
6	<input checked="" type="checkbox"/>	IS THERE A ROUTINE AND RECORD FOR CHECKLING THE EXPIRY DATES OF THE BATTERIES IN THE CONTROL BACK UP SYSTEM		YES
7	<input checked="" type="checkbox"/>	IS THERE A PRACTICE OF INTERCHANGING THE CONTROL SYSTEM EVERY TWO MONTHS.		YES
8	<input checked="" type="checkbox"/>	GENERAL CONDITION OF MOTORS.		SATIS
9	<input checked="" type="checkbox"/>	EXTERNALLY COOLED MOTORS -ARE THEY PROVIDED WITH FELT FILTERS		YES
10	<input type="checkbox"/>	CHECK THE ALTERNATOR FILTERS-ARE THEY CLEAN		YES
COMPRESSED AIR SYSTEMS				
1	<input checked="" type="checkbox"/>	CONTROL AIR DRYER	WHAT TYPE-MEMBRANE, REFRIGERATION OR REGENERATION	REFRIGERATOR
2	<input checked="" type="checkbox"/>		CHECK THE PERFORMANCE BY CHECKING THE QUALITY OF OUTLET AIR- IF AVAILABLE TAKE THE DEW POINT—	CLEAN/DRY
3	<input checked="" type="checkbox"/>		EDUCATE THE SHIP STAFF OF THE IMPORTANCE OF DRY AIR.	YES
4	<input checked="" type="checkbox"/>	DRAINING OF AIR BOTTLE	IS AN AUTO DRAIN FITTED	AUTO DRAIN
5	<input checked="" type="checkbox"/>		IS AN OIL SEPARATOR FITTED IN THE LINE- IF YES CHECK CONDITION	FITTED / COND N SATIS
6	<input checked="" type="checkbox"/>		IS THE STD BY AIR BOTTLE KEPT DRAINED DURING THE MANOEUVRING	YES
7	<input checked="" type="checkbox"/>	AIR COMPRESSORS	DOES THE VESSEL KEEP A TRACK OF THE	R/HRS RECORDE



SR NO	CHECK BOX	ITEM	NOTES	STATUS
			RUNNING HOURS OF THE AIR COMPRESSORS	D
8			IS A DECK AIR COMPRESSOR PROVIDED?	YES
9			ARE ESSENTIAL SPARES AVAILABLE?	MIN REQD AVLBL1
FUNNEL				
1	<input checked="" type="checkbox"/>	AREAS IN WAY OF FUNNEL INSIDE ER	GENERAL CLEANLINESS AND APPEARANCE, CONDITION OF PAINT	POOR
2			ARE THERE ANY SIGNS OF EXHAUST GAS LEAKS?	NO
3			ARE THERE ABNORMAL VIBRATIONS FELT	NO
4			ARE THEIR ANY CRACKED SUPPORTS	NO
5			ANY LOOSE OR MISSING U BOLTS OR FASTENERS	CHEKD / SATIS
1	<input checked="" type="checkbox"/>	FUNNEL TOP EXTERNAL	ARE ALL EXHAUST PIPES SECURED PROPERLY?	YES
2			CONDITION OF THE FUNNEL DECK AND COAMING	SATIS
3			CONDITION OF SPARK ARRESTORS	No saprk arrestors
4			ARE THERE ANY LO VENT PIPES ON THE FUNNEL DECK? CONDITION OF THE SAME	NONE
	<input checked="" type="checkbox"/>	FUNNEL FLAPS	ARE THEY MARKED CORRECTLY?	YES
1			ARE THEY OPERABLE EASILY, DATE LAST TESTED, CONDITION OF WIRES OPERATING FUNNEL FLAPS	SATIS , 12 th April 2015
E/R STORES				
1	<input checked="" type="checkbox"/>	GENERAL APPEARANCE	ARE THEY NEATLY ARRANGED? ARE SPARES BOXES NUMBERED? ARE THE SPARES SECURED FOR PROTECTION AGAINST INCLEMENT WEATHER ?	YES YES YES
2	<input checked="" type="checkbox"/>	INVENTORY	CARRY OUT A RANDOM CHECK OF SOME SPARE PARTS FROM THE PMS AMD CONFIRM THAT THESE CAN BE LOCATED EASILY	YES



SR NO	CHECK BOX	ITEM	NOTES	STATUS
3	<input checked="" type="checkbox"/>	IS THE VESSEL FOLLOWING COMPANY POLICY OF QUARTERLY STORES PROCUREMENT?	NO OF REQUISITIONS TILL DATE STORES NUMBER OF REQUISITIONS SPARE NUMBER OF REQUISITIONS	Vessel following the procedures

Date: 21st April 2015

Name of Superintendent: CAPT KULHARI BP

Signature: _____



Painting in progress after hydroblasting



Painting in progress after hydroblasting under catwalk railing and supports













































































