



Maritec Tanker Management Private Limited

Vessel - Bitu River (IMO: 9918133)

Inspection Type 006 - Vessel Inspection Report

Inspection Date 05 Feb 2024

Inspector Judas Fernandes

From Port Lome

To Port Lome

Hours Onboard 6 H

Avg Audit Findings 88 %

No of NCRs 0

No of observation 8



Crew Interview & Attendance Record

| Staff Name | Rank | Remarks |
|------------|------|---------|
|------------|------|---------|

Auditor Signature

Judas Fernandes



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Negative Findings

| Defect ID | Chapter | Category | Question | Answer Details | Is Critical | Status | Link |
|-----------|---------|----------|----------|----------------|-------------|--------|------|
|-----------|---------|----------|----------|----------------|-------------|--------|------|

Additional NCRs

| Defect ID | NCR No | Observations | Date of Disposition | Status |
|-----------|--------|--------------|---------------------|--------|
|-----------|--------|--------------|---------------------|--------|

Additional Observations

| Defect ID | Observations | Date of Disposition | Status |
|-----------|--------------|---------------------|--------|
|-----------|--------------|---------------------|--------|

| | | | |
|----|---|-------------|-----------|
| 80 | One no. Foam monitor was found leaking at the portside - break of accommodation. | | Pending |
| 81 | Deck stores to be cleaned and arranged | | Pending |
| 82 | All the emergency lights getting power supply from emergency generator requires to be identified properly and same to be painted with red colour for proper identification. | | Pending |
| 83 | Lifeboat launching instructions are faded, suggest either renew the instruction poster or stancil the instructions on bulkheads. | 21 Feb 2024 | Completed |
| 84 | ENgine room blower trunking mesh found partly chocked near Aux engines.To clean . | | Pending |
| 85 | Several lights were either fused or found missing in pumproom and so giving rise to poor lighting condition in pumproom. | | Pending |
| 86 | To fabricate working stands for AE no.2 and 3 as difficult to carry out maintenance routines. | | Pending |
| 87 | Fire retardant curtains are not provided in designated welding bay area in E/R workshop.To order and fix. | | Pending |

Positive / Neutral Findings



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Chapter: 01.00 - Area/Item Inspected

Category: 01.01 - Part I - External Condition

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.01.01 - External Condition - Propeller | Grade - No | | |
| 01.01.02 - External Condition - Rudder | Grade - No | | |
| 01.01.03 - External Condition - Ship's name and Port of Registry | Grade - Yes | | |
| 01.01.04 - External Condition - Hull - Topside area | Grade - Yes | | |
| 01.01.05 - External Condition - Hull - Boot top area | Grade - Yes | | |
| 01.01.06 - External Condition - Draft marks | Grade - Yes | | |
| 01.01.07 - External Condition - Plimsoll mark | Grade - Yes | | |
| 01.01.08 - External Condition - Bow thruster / Bulb mark / tank marks | Grade - Yes | | |

Category: 01.02 - Part II - Decks

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.02.01 - Decks - Accommodation Ladders - Platform / Wires / Motor | Grade - Yes | | |
| 01.02.02 - Decks - Ships name - bridge wings | Grade - Yes | | |
| 01.02.03 - Decks - MOT Gangway | Grade - Yes | | |
| 01.02.04 - Decks - Railings and Bulwark | Grade - Yes | | |
| 01.02.05 - Decks - Superstructure / Funnel | Grade - Yes | | |
| 01.02.06 - Decks - Forecastle deck plating | Grade - Yes | | |
| 01.02.07 - Decks - Windlass | Grade - Yes | | |
| 01.02.08 - Decks - Anchor / cables - port and STBD | Grade - Yes | | |
| 01.02.09 - Decks - Mooring ropes and wires | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.02.10 - Decks - Mooring winches on forecastle deck | Grade - Yes | | |
| 01.02.11 - Decks - Deck Light masts and fittings | Grade - Yes | | |
| 01.02.12 - Decks - Forward mast | Grade - Yes | | |
| 01.02.13 - Decks - Forward and aft Talk back system | Grade - Yes | | |
| 01.02.14 - Decks - Main deck plating | Grade - Yes | | |
| 01.02.15a - Pipelines - Ballast | Grade - Yes | | |
| 01.02.15b - Pipelines - Cargo | Grade - Yes | | |
| 01.02.15c - Pipelines - Steam/Thermal Oil | Grade - Yes | | |
| 01.02.15d - Pipelines - Fire | Grade - Yes | | |
| 01.02.15e - Pipelines - Foam | Grade - Yes | | |
| 01.02.15f - Pipelines - Hydraulic | Grade - Yes | | |
| 01.02.15g - Pipelines - Electrical conduit | Grade - Yes | | |
| 01.02.15h - Pipelines - Insulation | Grade - Yes | | |
| 01.02.16 - Decks - Cargo manifold and drip tray/Various Pressure & Temp. gauges | Grade - Yes | | |
| 01.02.17 - Decks - Air pipes / Sounding pipes / Filling pipes | Grade - Yes | | |
| 01.02.18 - Decks - Cranes / Derricks and associated loose gear, motors and winches | Grade - Yes | | |
| 01.02.19 - Decks - Mooring winches on main deck | Grade - Yes | | |
| 01.02.20 - Decks - Aft deck / poop deck plating | Grade - Yes | | |
| 01.02.21 - Decks - Mooring winches on aft / poop deck | Grade - Yes | | |
| 01.02.22 - Decks - Condition of spare propeller, anchor | Grade - Yes | | |
| 01.02.23 - Decks - Monkey island deck plating | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.02.24 - Decks - Main mast and fittings | Grade - Yes | | |
| 01.02.25a - Tugs - Towing winch | Grade - Yes | | |
| 01.02.25b - Tugs - Deck rollers | Grade - Yes | | |
| 01.02.25c - Tugs - Fenders | Grade - Yes | | |
| 01.02.25d - Tugs - Aft control station | Grade - Yes | | |
| 01.02.26a - Tankers - Cargo tank domes | Grade - Yes | | |
| 01.02.26b - Tankers - Ballast tank openings | Grade - Yes | | |
| 01.02.26c - Tankers - Deck valves including stub pieces | Grade - Yes | | |
| 01.02.26d - Tankers - Ullage ports / vapor locks | Grade - Yes | | |
| 01.02.26e - Tankers - Level gauging systems | Grade - Yes | | |
| 01.02.26f - Tankers - PV valves / air vents / Mast risers | Grade - Yes | | |
| 01.02.26g - Tankers - Deck Seal / PV Breaker on IG line | Grade - Yes | | |
| 01.02.27 - Deck Lighting and Emergency Lighting | Grade - Yes | | |

Category: 01.03 - Part III - Internal Hull Structure

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.03.01 - Internal Hull Structure - Fore peak store(s) | Grade - Yes | | |
| 01.03.02 - Internal Hull Structure - Paint room including its fixed fire extinguishing system | Grade - Yes | | |
| 01.03.03 - Internal Hull Structure - Fore peak tank | Grade - Yes | | |
| 01.03.04 - Internal Hull Structure - Chain lockers and void spaces | Grade - Yes | | |
| 01.03.05 - Internal Hull Structure - For'd hydraulic room for mooring winches | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.03.06 - Internal Hull Structure - Cargo tank No 1 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.07 - Internal Hull Structure - Cargo tank No 2 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.08 - Internal Hull Structure - Cargo tank No 3 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.09 - Internal Hull Structure - Cargo tank No 4 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.10 - Internal Hull Structure - Cargo tank No 5 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.11 - Internal Hull Structure - Cargo tank No 6 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.12 - Internal Hull Structure - Cargo tank No 7 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.13 - Internal Hull Structure - Cargo tank No 8 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.14 - Internal Hull Structure - Cargo tank No 9 C/P/S(includes insulation) | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.15 - Internal Hull Structure - Water ballast topside tanks | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.16 - Internal Hull Structure - Water ballast D.B. tanks | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.17 - Internal Hull Structure - Slop tanks | Grade - Yes | | |
| | NOT ISPECTED | | |
| 01.03.18 - Internal Hull Structure - Butterworth machines | Grade - No | | |
| | NA | | |
| 01.03.19 - Internal Hull Structure - COW system | Grade - No | | |
| | NA | | |



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| Question | Answer Details | Is Critical | Link |
|---|------------------------------|-------------|------|
| 01.03.20 - Internal Hull Structure - IG system and valves | Grade - No | | |
| 01.03.21 - Internal Hull Structure - Deep tanks outside E/R | NA Grade - Yes | | |
| 01.03.22 - Internal Hull Structure - Cofferdams outside E/R | NOT INSPECTED Grade - Yes | | |
| 01.03.23 - Internal Hull Structure - Pipe tunnel | NOT INSPECTED | | |
| 01.03.24 - Internal Hull Structure - Aft peak stores | NA Grade - Yes | | |
| 01.03.25 - Internal Hull Structure - E/R L.O. tanks | Grade - Yes | | |
| 01.03.26 - Internal Hull Structure - E/R D.B. tanks | Grade - Yes | | |
| 01.03.27 - Internal Hull Structure - E/R bunker tanks | Grade - Yes | | |
| 01.03.28 - Internal Hull Structure - Cofferdams inside E/R | Grade - Yes | | |

Category: 01.04 - Part IV - Mast Houses / Midship Stores

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.04.01 - Mast Houses/ Midship Stores - Internal area | Grade - Yes | | |
| 01.04.02 - Mast Houses / Midship Stores - Hydraulic motors | Grade - Yes | | |
| 01.04.03 - Mast Houses / Midship Stores - Electric panels | Grade - Yes | | |
| 01.04.04 - Mast Houses / Midship Stores - Doors | Grade - Yes | | |
| 01.04.05 - Mast Houses / Midship Stores - Top decks | Grade - Yes | | |
| 01.04.06 - Mast Houses / Midship Stores - Ladders | Grade - Yes | | |
| 01.04.07 - Mast Houses / Midship Stores - Fittings | Grade - Yes | | |
| 01.04.08 - Mast Houses / Midship Stores - House keeping | Grade - Yes | | |



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Category: 01.05 - Part V - Cargo Pump Room

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.05.01 - Cargo Pump Room - Housekeeping and general condition | Grade - Yes | | |
| 01.05.02 - Cargo Pump Room - Cargo pumps / Ballast pumps/Pressure & Temp. gauges | Grade - Yes | | |
| 01.05.03 - Cargo Pump Room - Stripper pump / Cargo eductors | Grade - Yes | | |
| 01.05.04 - Cargo Pump Room - Vacuum stripping system | Grade - No | | |
| 01.05.05 - Cargo Pump Room - Pipe lines/Insulations | Grade - Yes | | |
| 01.05.06 - Cargo Pump Room - Bilges | Grade - Yes | | |
| 01.05.07 - Cargo Pump Room - Ventilation/Bottom Flap Operation from outside P/P Room | Grade - Yes | | |
| 01.05.08 - Cargo Pump Room - Ladders, Platforms and gratings | Grade - Yes | | |
| 01.05.09 - Cargo Pump Room - Bilge Alarm(s) | Grade - Yes | | |
| 01.05.10 - Cargo Pump Room - Butterworth heater | NA | | |
| 01.05.11 - Cargo Pump Room - Lighting | Grade - Yes | | |
| 01.05.12 - Cargo Pump Room - Hydraulic and pneumatic valves and pipelines in p/p room | Grade - Yes | | |
| 01.05.13 - Cargo Pump Room - Gas detection system | Grade - Yes | | |

Category: 01.06 - Part VI - Accommodation Spaces

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.06.01 - Accommodation Spaces - Companionways on open decks | Grade - Yes | | |
| 01.06.02 - Accommodation Spaces - Vent flaps - natural and forced | Grade - Yes | | |
| 01.06.03 - Accommodation Spaces - Accommodation decks | Grade - Yes | | |
| 01.06.04 - Accommodation Spaces - Doors - Watertight / Weather tight | Grade - Yes | | |



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|---|----------------|-------------|------|
| 01.06.05 - Accommodation Spaces - Deck lighting and cable fitting | Grade - Yes | | |
| 01.06.06 - Accommodation Spaces - Railings | Grade - Yes | | |
| 01.06.07 - Accommodation Spaces - Companionways inside accommodation | Grade - Yes | | |
| 01.06.08 - Accommodation Spaces - Alleyways | Grade - Yes | | |
| 01.06.09 - Accommodation Spaces - Lighting inside alleyways | Grade - Yes | | |
| 01.06.10 - Accommodation Spaces - Galley | Grade - Yes | | |
| 01.06.11 - Accommodation Spaces - Pantries | Grade - Yes | | |
| 01.06.12 - Accommodation Spaces - Provision rooms | Grade - Yes | | |
| 01.06.13 - Accommodation Spaces - Fridge rooms | Grade - Yes | | |
| 01.06.14 - Accommodation Spaces - Laundries and dry rooms | Grade - Yes | | |
| 01.06.15 - Accommodation Spaces - Hobby room | Grade - Yes | | |
| 01.06.16 - Accommodation Spaces - Crew Wash rooms | Grade - Yes | | |
| 01.06.17 - Accommodation Spaces - Crew change rooms | Grade - Yes | | |
| 01.06.18 - Accommodation Spaces - Crew cabins | Grade - Yes | | |
| 01.06.19 - Accommodation Spaces - Officers cabins | Grade - Yes | | |
| 01.06.20 - Accommodation Spaces - Officers Mess room | Grade - Yes | | |
| 01.06.21 - Accommodation Spaces - Officers lounge / smoke room | Grade - Yes | | |
| 01.06.22 - Accommodation Spaces - Crew mess room | Grade - Yes | | |
| 01.06.23 - Accommodation Spaces - Crew lounge / smoke room | Grade - Yes | | |
| 01.06.24 - Accommodation Spaces - Welfare equipment | Grade - Yes | | |
| 01.06.25 - Accommodation Spaces - Deck office / Cargo control room and its equipments | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.06.26 - Accommodation Spaces - Conference room | Grade - Yes | | |
| 01.06.27 - Accommodation Spaces - Engineers office | Grade - Yes | | |
| 01.06.28 - Accommodation Spaces - Store rooms and lockers | Grade - Yes | | |
| 01.06.29 - Accommodation Spaces - Cable ducts | Grade - Yes | | |
| 01.06.30 - Accommodation Spaces - Garbage bins | Grade - Yes | | |

Category: 01.07 - Part VII - Navigation Bridge

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.07.01 - Navigation Bridge - General maintenance and house keeping | Grade - Yes | | |
| 01.07.02 - Navigation Bridge - Chart room | Grade - Yes | | |
| 01.07.03 - Navigation Bridge - Battery room | Grade - Yes | | |
| 01.07.04 - Navigation Bridge - Navigation light masts and fittings | Grade - Yes | | |
| 01.07.05 - Navigation Bridge - Magnetic Compass - standard / gyro and repeaters | Grade - Yes | | |
| 01.07.06 - Navigation Bridge - Auto Pilot | Grade - Yes | | |
| 01.07.07 - Navigation Bridge - Helm indicators - inside wheelhouse and on bridge wings | Grade - Yes | | |
| 01.07.08 - Navigation Bridge - Tachometers - inside wheelhouse and on bridge wings | Grade - Yes | | |
| 01.07.09 - Navigation Bridge - Deck IG manometer | Grade - Yes | | |
| 01.07.10 - Navigation Bridge - Radars and ARPA | Grade - Yes | | |
| 01.07.11 - Navigation Bridge - VHF | Grade - Yes | | |
| 01.07.12 - Navigation Bridge - Echo sounder | Grade - Yes | | |
| 01.07.13 - Navigation Bridge - AIS | Grade - Yes | | |
| 01.07.14 - Navigation Bridge - SSAS | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.07.15 - Navigation Bridge - BNWAS | Grade - Yes | | |
| 01.07.16 - Navigation Bridge - Voyage data recorder | Grade - Yes | | |
| 01.07.17 - Navigation Bridge - Speed log | Grade - Yes | | |
| 01.07.18 - Navigation Bridge - GPS / Satellite Navigator | Grade - Yes | | |
| 01.07.19 - Navigation Bridge - Chronometer | Grade - Yes | | |
| 01.07.20 - Navigation Bridge - Barometer | Grade - Yes | | |
| 01.07.21 - Navigation Bridge - Sextants | Grade - Yes | | |
| 01.07.22 - Navigation Bridge - Binoculars | Grade - Yes | | |
| 01.07.23 - Navigation Bridge - Aldis lamp | Grade - Yes | | |
| 01.07.24 - Navigation Bridge - Flags | Grade - Yes | | |
| 01.07.25 - Navigation Bridge - Charts and status of correction | Grade - Yes | | |
| 01.07.26 - Navigation Bridge - ECDIS | Grade - Yes | | |
| 01.07.27 - Navigation Bridge - Nautical Publications | Grade - Yes | | |
| 01.07.28 - Navigation Bridge - Notices to Mariners | Grade - Yes | | |
| 01.07.29 - Navigation Bridge - Technical Library | Grade - Yes | | |
| 01.07.30 - Navigation Bridge - Radio room | Grade - Yes | | |
| 01.07.31 - Navigation Bridge - Main transmitter / Main Receiver | Grade - Yes | | |
| 01.07.32 - Navigation Bridge - Emergency transmitter / Emergency Receiver | Grade - Yes | | |
| 01.07.33 - Navigation Bridge - GMDSS Walkie Talkies | Grade - Yes | | |
| 01.07.34 - Navigation Bridge - GMDSS VHF DSC (Operation) | Grade - Yes | | |
| 01.07.35 - Navigation Bridge - GMDSS batteries | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.07.36 - Navigation Bridge - Satcom / GMDSS terminal | Grade - Yes | | |
| 01.07.37 - Navigation Bridge - Computer / UPS / Stabilizer | Grade - Yes | | |
| 01.07.38 - Navigation Bridge - Hospital alarm | Grade - Yes | | |

Category: 01.08 - Part VIII - Engine Room

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.08.01 - Engine Room - Housekeeping and general maintenance | Grade - Yes | | |
| 01.08.02a - Engine Room - Main engine - Turbo charger | Grade - Yes | | |
| 01.08.02b - Engine Room - Main engine - Control stand | Grade - Yes | | |
| 01.08.02c - Engine Room - Main engine - Thrust block | Grade - No | | |
| 01.08.02d - Engine Room - Main engine - Shaft bearings | Grade - No | | |
| 01.08.02e - Engine Room - Main engine - Shaft tunnel | Grade - No | | |
| 01.08.02f - Engine Room - Main engine - Turning gear system | Grade - No | | |
| 01.08.02g - Engine Room - Main engine - Crankcase doors | Grade - No | | |
| 01.08.02h - Engine Room - Main engine - Under Piston area | Grade - No | | |
| 01.08.02i - Engine Room - Main engine - Scavenge space | Grade - No | | |
| 01.08.02j - Engine Room - Main engine - Exhaust manifold | Grade - No | | |
| 01.08.02k - Engine Room - Main engine - Fuel oil booster pump | Grade - No | | |
| 01.08.02l - Engine Room - Main engine - Fuel oil heating system | Grade - No | | |
| 01.08.02m - Engine Room - Main engine - L.O.pumps | Grade - No | | |
| 01.08.02n - Engine Room - Main engine - Alarms and Trips | Grade - No | | |
| 01.08.02o - Engine Room - Main engine - Air cooler manometers | Grade - No | | |



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| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.08.02p - Engine Room - Main engine - Uptake manometers | Grade - No | | |
| 01.08.02q - Engine Room - Main engine - Sheathing on HP fuel pipes | Grade - No | | |
| 01.08.02r - Engine Room - Main engine - Spark arrestors on exh. uptakes | Grade - No | | |
| 01.08.02s - Engine Room - Main engine - Exh. boiler gas passage drains clear | Grade - No | | |
| 01.08.02t - Engine Room - Main engine - T/C gas passage drains clear | Grade - No | | |
| 01.08.03 - Engine Room - Main S.W pumps | Grade - Yes | | |
| 01.08.04 - Engine Room - Cooling F.W pumps | Grade - Yes | | |
| 01.08.05 - Engine Room - Fire pump | Grade - Yes | | |
| 01.08.06 - Engine Room - Bilge pump | Grade - Yes | | |
| 01.08.07 - Engine Room - General Service pump | Grade - Yes | | |
| 01.08.08 - Engine Room - Ballast pump | Grade - Yes | | |
| 01.08.09 - Engine Room - Bilge & floor plates (safety aspects and cleanliness) | Grade - Yes | | |
| 01.08.10 - Engine Room - Fuel oil transfer pump | Grade - Yes | | |
| 01.08.11 - Engine Room - L.O transfer pump | Grade - Yes | | |
| 01.08.12 - Engine Room - Sludge pump | Grade - Yes | | |
| 01.08.13 - Engine Room - Domestic F.W pump | Grade - Yes | | |
| 01.08.14 - Engine Room - Sanitary water pump | Grade - Yes | | |
| 01.08.15 - Engine Room - Fridge cooling pump | Grade - Yes | | |
| 01.08.16 - Engine Room - A/C S.W pump | Grade - Yes | | |
| 01.08.17 - Engine Room - Harbor service pump | Grade - Yes | | |
| 01.08.18 - Engine Room - All S.W. valves | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.08.19 - Engine Room - Tank top | Grade - Yes | | |
| 01.08.20 - Engine Room - Piping - general and in bilge areas | Grade - Yes | | |
| 01.08.21 - Engine Room - H.O Purifier | Grade - Yes | | |
| 01.08.22 - Engine Room - D.O Purifier | Grade - Yes | | |
| 01.08.23 - Engine Room - L.O Purifier | Grade - Yes | | |
| 01.08.24 - Engine Room - Main air compressor | Grade - Yes | | |
| 01.08.25 - Engine Room - Top up compressor | Grade - Yes | | |
| 01.08.26 - Engine Room - Emergency air compressor | Grade - Yes | | |
| 01.08.27 - Engine Room - Air bottles, Control air dryers | Grade - Yes | | |
| 01.08.28 - Engine Room - M/E coolers | Grade - No | | |
| 01.08.29 - Engine Room - A/E coolers | Grade - Yes | | |
| 01.08.30 - Engine Room - Fuel heater & Lagging on hot fuel pipes | Grade - Yes | | |
| 01.08.31 - Engine Room - Metal sheathing on H.P fuel pipes | Grade - Yes | | |
| 01.08.32 - Engine Room - Viscometers | Grade - Yes | | |
| 01.08.33 - Engine Room - Hydrophore tanks | Grade - Yes | | |
| 01.08.34a - Engine Room - Aux. Engines - General condition and maintenance | Grade - Yes | | |
| 01.08.34b - Engine Room - Aux. Engines - Turbo charger | Grade - Yes | | |
| 01.08.34c - Engine Room - Aux. Engines - Alarms and trips | Grade - Yes | | |
| 01.08.34d - Engine Room - Aux. Engines - Crankcase doors | Grade - Yes | | |
| 01.08.34e - Engine Room - Aux. Engines - Pressure and Temperature gauges | Grade - Yes | | |
| 01.08.34f - Engine Room - Aux. Engines - Nozzle cooling pump | Grade - Yes | | |



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|---|----------------|-------------|------|
| 01.08.34g - Engine Room - Aux. Engines - Attached F.W. pump | Grade - Yes | | |
| 01.08.34h - Engine Room - Aux. Engines - Nozzle cooling pump | Grade - Yes | | |
| 01.08.34i - Engine Room - Aux. Engines - Governor | Grade - Yes | | |
| 01.08.34j - Engine Room - Aux. Engines - Exh. pipe lagging / metal sheathing | Grade - Yes | | |
| 01.08.34k - Engine Room - Aux. Engines - F.W. / L.O. Coolers | Grade - Yes | | |
| 01.08.34l - Engine Room - Aux. Engines - Floor plates under A/Es clean & oil free? | Grade - Yes | | |
| 01.08.34m - Engine Room - Aux. Engines - m. Deck-head & pipes / cables above A/Es clean and oil free? | Grade - Yes | | |
| 01.08.34n - Engine Room - Aux. Engines - n. Auto temperature controllers L.O. / F.W. temp | Grade - Yes | | |
| 01.08.35 - Engine Room - Alternators | Grade - Yes | | |
| 01.08.36 - Engine Room - Motors / starters | Grade - Yes | | |
| 01.08.37 - Engine Room - Main switchboard | Grade - Yes | | |
| 01.08.38 - Engine Room - Emergency switchboard | Grade - Yes | | |
| 01.08.39 - Engine Room - Cable trays | Grade - Yes | | |
| 01.08.40 - Engine Room - Emergency Generator / Batteries | Grade - Yes | | |
| 01.08.41 - Engine Room - Fridge compressor | Grade - Yes | | |
| 01.08.42 - Engine Room - Condensers / coolers | Grade - Yes | | |
| 01.08.43 - Engine Room - Thermostatic valves | Grade - Yes | | |
| 01.08.44 - Engine Room - Coils / fans | Grade - Yes | | |
| 01.08.45 - Engine Room - E/R blowers | Grade - Yes | | |
| 01.08.46 - Engine Room - Engine Control Room | Grade - Yes | | |
| 01.08.47 - Engine Room - F.W generator | Grade - No | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.08.48 - Engine Room - Oily water separator | Grade - Yes | | |
| 01.08.49 - Engine Room - Sewage Plant | Grade - Yes | | |
| 01.08.50 - Engine Room - Incinerator | Grade - Yes | | |
| 01.08.51a - Engine Room - Boilers (steam and thermal oil) - Condition and general maintenance | Grade - Yes | | |
| 01.08.51b - Engine Room - Boilers (steam and thermal oil) - Feed water pumps | Grade - Yes | | |
| 01.08.51c - Engine Room - Boilers (steam and thermal oil) - Circulation pump | Grade - Yes | | |
| 01.08.51d - Engine Room - Boilers (steam and thermal oil) - Safety valve | Grade - Yes | | |
| 01.08.51e - Engine Room - Boilers (steam and thermal oil) - Gauge glass | Grade - Yes | | |
| 01.08.51f - Engine Room - Boilers (steam and thermal oil) - Automatic Combustion. C | Grade - Yes | | |
| 01.08.51g - Engine Room - Boilers (steam and thermal oil) - F.D. fan | Grade - Yes | | |
| 01.08.51h - Engine Room - Boilers (steam and thermal oil) - Boiler uptake lagging | Grade - Yes | | |
| 01.08.51i - Engine Room - Boilers (steam and thermal oil) - All temperature and pressure gauges | Grade - Yes | | |
| 01.08.51j - Engine Room - Boilers (steam and thermal oil) - F.O. pump | Grade - Yes | | |
| 01.08.51k - Engine Room - Boilers (steam and thermal oil) - F.O. heater | Grade - Yes | | |
| 01.08.51l - Engine Room - Boilers (steam and thermal oil) - Lagging on hot fuel oil and Heating steam pipes | Grade - Yes | | |
| 01.08.51m - Engine Room - Boilers (steam and thermal oil) - Steam dump valve and other steam valves | | | |
| 01.08.51n - Engine Room - Boilers (steam and thermal oil) - Warning notices and operating instructions | Grade - Yes | | |
| 01.08.52a - Engine Room - IG system - IG generator | Grade - No | | |
| 01.08.52b - Engine Room - IG system - IG control panel and control system | Grade - No | | |
| 01.08.52c - Engine Room - IG system - Pneumatic system | Grade - No | | |
| 01.08.52d - Engine Room - IG system - IG blower | Grade - No | | |



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Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.08.52e - Engine Room - IG system - Scrubber unit | Grade - No | | |
| 01.08.52f - Engine Room - IG system - Oxygen analyzer | Grade - No | | |
| 01.08.53 - Engine Room - Soot blower | Grade - Yes | | |
| 01.08.54 - Engine Room - Exhaust boiler | Grade - Yes | | |
| 01.08.55a - Engine Room - COP turbines - Condition and general maintenance | Grade - No | | |
| 01.08.55b - Engine Room - COP turbines - Alarms and trips | Grade - No | | |
| 01.08.55c - Engine Room - COP turbines - governor | Grade - No | | |
| 01.08.55d - Engine Room - COP turbines - L.O. pump | Grade - No | | |
| 01.08.55e - Engine Room - COP turbines - L.O. cooler | Grade - No | | |
| 01.08.55f - Engine Room - COP turbines - Control panel | Grade - No | | |
| 01.08.55g - Engine Room - COP turbines - Tachometer | Grade - No | | |
| 01.08.55h - Engine Room - COP turbines - Local temp and pressure gauges | Grade - No | | |
| 01.08.56 - Engine Room - Vacuum condenser | Grade - No | | |
| 01.08.57 - Engine Room - Condenser S.W. pump | Grade - No | | |
| 01.08.58 - Engine Room - Hot well | Grade - No | | |
| 01.08.59 - Engine Room - CO2 room | Grade - Yes | | |
| 01.08.60 - Engine Room - Quick closing valves | Grade - Yes | | |
| 01.08.61 - Engine Room - Remote switches and cut-offs | Grade - Yes | | |
| 01.08.62 - Engine Room - Sky light | Grade - Yes | | |
| 01.08.63 - Engine Room - Blower flaps | Grade - Yes | | |
| 01.08.64 - Engine Room - Steering flat | Grade - Yes | | |



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| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.08.65 - Engine Room - Storage of chemicals | Grade - Yes | | |
| 01.08.66 - Engine Room - Workshop | Grade - Yes | | |
| 01.08.67 - Engine Room - E/R crane | Grade - Yes | | |
| 01.08.68 - Engine Room - Stores | Grade - Yes | | |
| 01.08.69 - Engine Room - Spares | Grade - Yes | | |
| 01.08.70 - Engine Room - Tools / instruments | Grade - Yes | | |
| 01.08.71 - Engine Room - LO and water treatment test kits | Grade - Yes | | |

Category: 01.09 - Part IX - Record Keeping

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.09.01 - Record Keeping - Deck Log Book | Grade - Yes | | |
| 01.09.02 - Record Keeping - Official Log Book | Grade - Yes | | |
| 01.09.03 - Record Keeping - Night Order Book | Grade - Yes | | |
| 01.09.04 - Record Keeping - Movement (Bell) Book | Grade - Yes | | |
| 01.09.05 - Record Keeping - Sounding Book | Grade - Yes | | |
| 01.09.06 - Record Keeping - Compass error Book | Grade - Yes | | |
| 01.09.07 - Record Keeping - Chronometer Log | Grade - Yes | | |
| 01.09.08 - Record Keeping - Radio Log | Grade - Yes | | |
| 01.09.09 - Record Keeping - Radar Log | Grade - Yes | | |
| 01.09.10 - Record Keeping - Chart correction folio | Grade - Yes | | |
| 01.09.11 - Record Keeping - Garbage Log | Grade - Yes | | |
| 01.09.12 - Record Keeping - Videotel / Training Log | Grade - Yes | | |



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Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.09.13 - Record Keeping - Calibration Log | Grade - Yes | | |
| 01.09.14 - Record Keeping - Stores inventory (deck and saloon) | Grade - Yes | | |
| 01.09.15 - Record Keeping - Spare Part Inventory (Deck) | Grade - Yes | | |
| 01.09.16 - Record Keeping - Planned Maintenance Records(Deck, Radio, Safety Equipment) | Grade - Yes | | |
| 01.09.17 - Record Keeping - Masters Filing System | Grade - Yes | | |
| 01.09.18 - Record Keeping - Chief Engineers Filing System | Grade - Yes | | |
| 01.09.19 - Record Keeping - E/R Log Book | Grade - Yes | | |
| 01.09.20 - Record Keeping - Oil Record Book | Grade - Yes | | |
| 01.09.21 - Record Keeping - E/R tank sounding book | Grade - Yes | | |
| 01.09.22 - Record Keeping - Survey records / Quarterly listing | Grade - Yes | | |
| 01.09.23 - Record Keeping - Spare Part Inventory (E/R) | Grade - Yes | | |
| 01.09.24 - Record Keeping - Planned Maintenance Records (Main, Aux. and Electrical machinery) | Grade - Yes | | |
| 01.09.25 - Record Keeping - Ships drawings and manuals | Grade - Yes | | |
| 01.09.26 - Record Keeping - Ship Security Records | | | |

Category: 01.10 - Part X - Certificates And Approvals



Maritec Tanker Management Private Limited

Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.10.01 - Certificates and Approvals - Statutory certificates as per Form D-13 | Grade - Yes | | |
| 01.10.02 - Certificates and Approvals - Type approval Certificates for L/Jackets, L/Buoys, Pyrotechnics, Navigation Lights, Sound Signal equipment, shapes, fireman's outfits, fire detection system, alarms, ODME, ODMCS, Sewage plant | Grade - Yes | | |
| 01.10.03 - Certificates and Approvals - Wires and Ropes Test Certificates | Grade - Yes | | |
| 01.10.04 - Certificates and Approvals - Chain Register | Grade - Yes | | |
| 01.10.05 - Certificates and Approvals - Life raft Certificate | Grade - Yes | | |
| 01.10.06 - Certificates and Approvals - Administration approved LSA, LSS and FFA plans | Grade - Yes | | |

Category: 01.11 - Part XI - Safety Equipment And Alarms

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.11.01 - Safety Equipment and Alarms - General Alarm | Grade - Yes | | |
| 01.11.02 - Safety Equipment and Alarms - Fire detection system (Accommodation/E.R/Cargo holds) | Grade - Yes | | |
| 01.11.03 - Safety Equipment and Alarms - Hospital Bell | Grade - Yes | | |
| 01.11.04 - Safety Equipment and Alarms - Medical locker / equipment | Grade - Yes | | |
| 01.11.05 - Safety Equipment and Alarms - Fridge room alarm | Grade - Yes | | |
| 01.11.06 - Safety Equipment and Alarms - E/R Bilge High level alarms | Grade - Yes | | |
| 01.11.07 - Safety Equipment and Alarms - CO2 / Halon release alarm | Grade - Yes | | |
| 01.11.08 - Safety Equipment and Alarms - Vent fans flaps / funnel flaps / Remote closing flaps | Grade - Yes | | |
| 01.11.09 - Safety Equipment and Alarms - Fixed foam system | Grade - Yes | | |
| 01.11.10 - Safety Equipment and Alarms - Portable foam system | Grade - Yes | | |
| 01.11.11 - Safety Equipment and Alarms - Steam smothering | Grade - No | | |
| 01.11.12 - Safety Equipment and Alarms - Inert gas system | Grade - Yes | | |



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Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.11.13 - Safety Equipment and Alarms - Sprinkler system | Grade - Yes | | |
| 01.11.14 - Safety Equipment and Alarms - Fire mains / hydrants | Grade - Yes | | |
| 01.11.15 - Safety Equipment and Alarms - Hoses / nozzles | Grade - Yes | | |
| 01.11.16 - Safety Equipment and Alarms - Pollution Locker and equipments | Grade - Yes | | |
| 01.11.17 - Safety Equipment and Alarms - Emergency fire pump | Grade - Yes | | |
| 01.11.18 - Safety Equipment and Alarms - Emergency generator | Grade - Yes | | |
| 01.11.19 - Safety Equipment and Alarms - Emergency lights | Grade - Yes | | |
| 01.11.20 - Safety Equipment and Alarms - Life boat operation | Grade - Yes | | |
| 01.11.21 - Safety Equipment and Alarms - Life boat equipment | Grade - Yes | | |
| 01.11.22 - Safety Equipment and Alarms - Life boat engines | Grade - Yes | | |
| 01.11.23 - Safety Equipment and Alarms - Extinguishers - Foam, Water, DCP, CO2 | Grade - Yes | | |
| 01.11.24 - Safety Equipment and Alarms - Tankscope, Explosimeter, O2 analyzer and Toxic gas detector | Grade - Yes | | |
| 01.11.25 - Safety Equipment and Alarms - Breathalyzer | Grade - Yes | | |
| 01.11.26 - Safety Equipment and Alarms - CABA, Resuscitation equipment | Grade - Yes | | |
| 01.11.27 - Safety Equipment and Alarms - Fireman's outfit with accessories | Grade - Yes | | |
| 01.11.28 - Safety Equipment and Alarms - Emergency Towing System | Grade - Yes | | |

Category: 01.12 - Part XII - Environmental



Maritec Tanker Management Private Limited

Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.12.01 - Environmental - Ballast water management | Grade - Yes | | |
| 01.12.02 - Environmental - Garbage management | Grade - Yes | | |
| 01.12.03 - Environmental - Ship Energy efficiency plan | Grade - Yes | | |
| 01.12.04 - Environmental - Safety Meeting conducted with entire crew by Superintendent | Grade - Yes | | |

Category: 01.13 - Part XIII - Security

| Question | Answer Details | Is Critical | Link |
|---|----------------|-------------|------|
| 01.13.01 - Security - Ship Security Records | | | |
| 01.13.02 - Security - Security Equipments | Grade - Yes | | |
| 01.13.03 - Security - Security Communications and SSAS | | | |
| 01.13.04 - Security - Vessel Hardening | | | |
| 01.13.05 - Security - Security Charts, Publications and Guidance | | | |
| 01.13.06 - Security - Cyber Security incl. Access to IT/OT Terminals, Workstation Security etc. | | | |
| 01.13.07 - Security - Cyber Response Plan | | | |
| 01.13.08 - Security - Personal Devices usage | | | |

Category: 01.14 - Comments of the Superintendent Conducting Inspection

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.14.01 - Any additional comments by Superintendent | | | |

Category: 01.15 - Drills



Maritec Tanker Management Private Limited

Vessel - Bitu River (IMO: 9918133)

| Question | Answer Details | Is Critical | Link |
|----------------------------------|----------------|-------------|------|
| 01.15.01 - Drills Held | Grade - Yes | | |
| 01.15.02 - Description of Drills | | | |
| 01.15.03 - Drill Assessment | | | |

Category: 01.16 - Meetings held

| Question | Answer Details | Is Critical | Link |
|-------------------------------------|----------------|-------------|------|
| 01.16.01 - Was Safety Meeting held? | Grade - Yes | | |

Category: 01.17 - Near Miss(es) identified

| Question | Answer Details | Is Critical | Link |
|-----------------------------|----------------|-------------|------|
| 01.17.01 - Near Miss Report | Grade - Yes | | |

Category: 01.18 - Training needs identified and addressed

| Question | Answer Details | Is Critical | Link |
|--|----------------|-------------|------|
| 01.18.01 - Training Identified during the Inspection | | | |