



Maritec Tanker Management Private Limited

Vessel - Bitu Atlantic (IMO: 9382085)

Inspection Type 025 - Navigational Verification Assessment

Inspection Date 01 Oct 2020

Inspector Wasi Ahmad

From Port Agioi Theodoroi

To Port Agioi Theodoroi

Hours Onboard

Avg Audit Findings

No of NCRs 0

No of observation 0



Crew Interview & Attendance Record

Staff Name	Rank	Remarks
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Auditor Signature

Wasi Ahmad



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Negative Findings

Defect ID	Chapter	Category	Question	Answer Details	Is Critical	Status	Link
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Additional NCRs

Defect ID	NCR No	Observations	Date of Disposition	Status
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Additional Observations

Defect ID	Observations	Date of Disposition	Status
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Positive / Neutral Findings

Chapter	Category	Question	Answer Details	Is Critical	Link
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.01 - Bridge team knowledge/understanding and implementation of Company's navigation policy		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02a - OOW taking over and performing a bridge watch		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02b - Duties of watchkeeping		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02c - Circumstances when the Master must be called		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02d - Taking the con		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02e - Operating condition of navigation equipment		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02f - Availability of all essential navigation equipment		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02g - Maintenance, tests, familiarisation with navigation equipment		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02h - Ship position reporting		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02i - Recording of voyage events		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02j - Minimum underkeel clearance and squat		No	



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Chapter	Category	Question	Answer Details	Is Critical	Link
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02k - Correct maintenance of deck log books, engine bell books, radar log book and recording of all navigation activities both at sea and under pilotage		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02l - Navtex / Speed and distance indicator		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02m - Proper notice and filing of navigational warnings and weather reports		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.02n - Equipment testing and recording before the arrival and departure		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.03 - Pre-arrival, pre-departure, watch hand over and pilot-Master interchange checklists		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.04 - Records of safety round to each watch		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.05 - Auto to manual steering change over and recording		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.06 - Master's standing and night orders, countersigning and understanding		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.07 - Gyro and magnetic compass errors being taken and record		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.08 - Magnetic compass error to agree with deviation card		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.09 - Underkeel clearance		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.10 - Squat		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.11 - Watch conditions		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.12 - Navigation in coastal waters and traffic separation schemes		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.13 - Navigation in narrow waters and straits		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.14 - Navigation in restricted visibility		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.15 - Navigation in heavy weather and tropical storms		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.16 - Navigation in ice		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.17 - Position fixing in defined periods.		No	



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Chapter	Category	Question	Answer Details	Is Critical	Link
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.18 - Noon position, arrival, departure reports		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.19 - Pilotage (Master/pilot interface).		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.20 - Working with tugs		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.21 - Steering procedures and the use of auto pilot		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.22 - Safety and fire patrols		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.23 - Anchoring		No	
01.00 - Navigational Verification Assessment	01.01 - Procedures/Documentation	01.01.24 - Masters Navigational Audit		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.01 - Appropriate watch conditions		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.02 - Assignment of tasks to team members		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.03 - Bridge manning		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.04 - Management of stress and distractions		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.05 - Team environment.		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.06 - Bridge team / pilot information exchange		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.07 - Formulation, usage, monitoring of passage plans		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.08 - Compliance with passage plan		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.09 - Identification of training needs		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.10 - Familiarity with duties and responsibilities		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.11 - Ability to communicate and cooperate		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.12 - Sharing of workload		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.13 - Constant awareness of situations like traffic, visibility, etc		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.14 - Exchange of information "up and down"		No	



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01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.15 - Communication, external and internal		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.16 - Operational and emergency checklists		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.17 - Bridge team assistance to work within the team		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.18 - Bridge team apprise of conning Officer of intended maneuvers		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.19 - Announcement of the "Order" to those present on the bridge		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.20 - Physical condition of bridge team		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.21 - Knowledge by bridge team member the concept of "BTM"		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.22 - "One man error" / error chain		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.23 - Foresight and planning		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.24 - Challenge of decisions – orders		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.25 - Feedback of conning Officer with information from other team members		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.26 - Understanding and application of navigation priorities		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.27 - Wellbeing		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.28 - Moral		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.29 - Proper con		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.30 - Look out		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.31 - Manning the wheel		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.32 - Bridge team briefing before start		No	
01.00 - Navigational Verification Assessment	01.02 - Bridge Team Management	01.02.33 - Back-up / contingency procedures / practices in place		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.01 - Plan (berth to berth) preparation by Navigating Officer, approved by the Master and countersigned by all OOBW		No	



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01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.02 - Use of appropriate charts and publications for the intended voyage		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03a - Should be marked on the chart - Parallel Indexing		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03b - Should be marked on the chart - Chart changes		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03c - Should be marked on the chart - Methods and frequency of position fixing		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03d - Should be marked on the chart - No go areas		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03e - Should be marked on the chart - Landfall targets and lights		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03f - Should be marked on the chart - Clearing lines and bearings		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03g - Should be marked on the chart - Transits, heading marks and leading lines		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03h - Should be marked on the chart - Significant tides or currents		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03i - Should be marked on the chart - Safe speed and necessary alterations		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03j - Should be marked on the chart - Changes in machinery status.		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03k - Should be marked on the chart - U.K.C		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03l - Should be marked on the chart - Echo sounder activation position		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03m - Should be marked on the chart - Crossing and high density areas		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03n - Should be marked on the chart - Anchor clearance		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03o - Should be marked on the chart - Contingency plans		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03p - Should be marked on the chart - Abort position		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03q - Should be marked on the chart - VTS and reporting points, etc		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.03r - Should be marked on the chart - Course alterations		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.04 - Methods of position fixing and frequency of plotted fixes according to the passage plan		No	



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01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.05 - Understanding of the capability and limitation of navigational aids and systems		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.06 - Performance monitoring of all navigational aids and systems		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.07 - Use of echo sounder		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.08 - Use of dead reckoning techniques		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.09 - Position fixes cross checking		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.10 - Use of visual navigation aids		No	
01.00 - Navigational Verification Assessment	01.03 - Passage Plan and Navigation safety	01.03.11 - Monitoring of safe progress of the ship along the planned tracks of passage plan		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.01 - Records of charts and publications		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.02 - Records of corrections and time effected for charts and publications		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.03 - Charts condition (hard copies).		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.04 - Correction of all Paper of electronic Charts for the Intended Voyage		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.05 - Notices to Mariners (NTM) adequate with the charts		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.06 - Comprehension of chart's Correction		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.07 - Last NTM Onboard		No	
01.00 - Navigational Verification Assessment	01.04 - Marks and Publications	01.04.08 - Maintenance up to date of list lights, tide tables, sailing directions, nautical almanacs, annual summary of NTM, chart catalogues		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.01 - Knowledge and familiarization of bridge team with ECDIS and IBS		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.02 - Adequacy of ECDIS operating procedures onboard		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.03 - Mode of ECDIS operation in use onboard		No	



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01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.04 - ECDIS used for Navigation purposes either as the Primary or Secondary means		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.05 - Specify the ECDIS back up arrangements onboard		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.06 - Operational competency of watch-keepers in the use of ECDIS		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.07 - Training in ECDIS (generic / type specific), Electronic charts, AIS, IBS		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.08 - Awareness about the actions required in case of identified ECDIS failure		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.09 - Electronic charts condition (up to date)		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.10 - ADMIRALTY Information Overlay (AIO) in use		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.11 - README.TXT file in use		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.12 - Controlling operational parameter entries in the system (draft, air draft, turning rate, UKC, distance, etc.)		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.13 - GPS position system input (WGS 84).		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.14 - ECDIS alarm operation condition		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.15 - Adequate E/C coverage for intended voyage		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.16 - Marking / high lighting of E/C		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.17 - Voyage simulation before voyage starts		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.18 - Marking of estimating position for each watch, in advance		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.19 - Cross check of ECDIS position fixing by the use of other means		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.20 - Monitoring of gyro compass, speed log, echo sounder and other electronic equipment data input to the system		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.21 - Use & Understanding of CATZOC in ECDIS		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.22 - Use Of ADP's & ENP's		No	



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01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.23 - Use of BNWAS		No	
01.00 - Navigational Verification Assessment	01.05 - Electronic Passage Planning/Charts	01.05.24 - Other Comments		No	