

Maritec N.V.	ECR. 11.0 - DAILY WORK DONE REPORT	Date : 01/06/2018
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		Made by : QHSE
		Approved by : MD
		Rev. No : 01

Vessel: Bitu Atlantic

Year: 2018

Department: Engine

Date (dd/mm/yy): 31/10/18

Month: October

Note:

- This form must be filled up on daily basis
- For each department (Deck / Engine / Electrical) a separate work done report is to be prepared.
- The Deck work done report to include Bridge & Accommodation
- Every Sunday the updated electronic copy shall be sent to technical@maritec.be
- At the end of the month, complete signed report shall be sent along with the monthly documents

Date	Place	Work Description
1 st	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Main engine & Auxiliary engine's jacket cooler # 1, boxed back, fresh & sea water drain valve remove, overhaul, same fitted back. Tried out found okay. Main sea chest, port side & stbd side painting in progress. Reassemble Auxiliary engine lube oil purifier. Open Main engine lube oil purifier for cleaning. Cleaning of jacket cooler o-rings (old o-rings) in progress. Attended provisions in tranfering to refer room. Out Fitting Jobs: Fabrication & fittings Air condition sea water pipe lines carried - out. Fabrication of Main engine lube oil cooler back wash pipes lines, in progress.
2 nd	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fill up fresh water OWS 1-4 th chambers & tried-out 15 ppm alarms & 3-way valve & found working satisfactory. Filling up stern tube oil system (naturelle S4) 460 ltrs. & intermediate bearing (Melina S30) 20 ltrs. Overhauling ME lube purifier in progress. Fabricate main sea chest cover gaskets. Cleaning & painting Main sea chest (P & S) sides carried-out, both cover gaskets renewed. Transfer old oil (stern tube system) from drums to fuel oil overflow tank. Out Fitting Jobs: Cargo tank hydraulic pipe line support on deck renewed. Weld catwalk flatbar on midship. Fabrication of anchor wash pipe line in progress.
3 rd	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Attended undocking operation. Check all Engine room overboard valve's for any leakages. Start Auxilliary engine # 1 & put in service. Clean Auxilliary engine # 1 & 2 lube oil duplex filter, rectify oil & exhaust pipesgas leakages, tried-out & found satisfactory. Out Fitting Jobs: Fabrication of anchor wash pipe line carried-out. Remove & fabricate goose neck of I.G. sea water pipe line in progress.
4 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fitting of Auxilliary engine # 1 & 2 exhaust pipes insulation covers carried-out & turbo charger in progress. Overhauling of Main engine lub oil purifier carried-out. Receive engine spares. Remove pipe lines & open sewage plant top cover. Check emergency pump suction valve remote operation (open / close) & found working satisfactory. Started Auxilliary boiler for testing & found working.satisfactory. Out Fitting Jobs: Repair provision crane support. Cutting / renewal hose crane base plates in progress.
5 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fitting of Auxilliary engine # 1 & 2 turbo charger inlet & outlet pipes insulation covers carried-out. Fittings Main enginr exhaust & fuel oil drain pipeline insulation cover in progress. Testing ogf auxilliary boiler done. Cleaning of main sea chest filter casing (outside) in progress. Out Fitting Jobs: Repair of hose crane base plates carried-out..

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6 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fittings of Auxilliary engine # 1, 2 & 3 fuel oil pipelines insulation covers in progress. Fittings Main engine, fuel oil drain pipelines & steam lines insulation cover carried-out, exhaust pipes & fuel oil pumps pipe lines in progress. Cleaning by chipping & painting with primer paint of main sea chest filter casing (outside) carried-out. Cargo valve's hydraulic pump filter remove, check, clean & same fitted back. Saturday routines carried-out. Out Fitting Jobs: Main engine, fuel oil drain pipelines & steam lines insulation cover carried-out.
7 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fittings Main engine, fuel oil drain pipelines & steam lines insulation cover carried-out, exhaust pipes & fuel oil pumps pipe lines in progress. Clean ME exhaust pipe. Fittings Auxilliary boiler fuel oil heater # 2, steam inlet & outlet pipes flange gaskets carried-out & # 1 in progress. Checked ER air lines for any possible leakages. Out Fitting Jobs: Welding cargo valve's hydraulic line tray & cover at midship in progress.
8 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fittings Main engine, exhaust pipes & auxilliary boiler insulation cover in progress. Renew gasket on sterilization compartment of sewage plant. H.F.O. purifier # 1 & 2 suction filters clean. Thermal boiler heater tank gasket renew. Fittings Auxilliary boiler fuel oil heater # 1, steam inlet & outlet pipes flange gaskets carried-out. Out Fitting Jobs: Welding cargo valve's hydraulic line tray & cover at midship in carried-out..
9 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Fittings Main engine, exhaust pipes insulation cove carried-out, fuel oil pipe lines & auxilliary boiler in progress. Check steam pipe lines in Engine room & rectify steam leakages in progress. Clean thermal boilers suction filters. Open stern tube cooling tank manhole door for inspection for filling fresh water. Out Fitting Jobs: Fittings Main engine fuel oil lines insulation cover in progress. Renew steam inlet valve gasket on fuel oil storage tank (S1).
10 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Blowdown auxilliary boiler to reduce water; remove / renew leaking flange gaskets of blowdown valve's (8 nos), renew steam return valve & rectify leaky line to transmitter, overhaul leaking steam valv'e's, renew leaky drain valve's fo economizer (2 nos.), sootblower steam line (1 no.) & renew several steam gaskets in engine room. Out Fitting Jobs: Remove ecomizer drain pipe line, clean & same fitted back, Rectify leaky steam tracing line main engine fuel oil manifold (2 nos.) & renew ecomizer steam drain valves, (2 nos.) Fittings Main engine fuel oil lines insulation cover in progress.
11 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Start Auxiliary engine 2 and 3 and pu on load. Keep runnig Auxiliary boiler, running saatisfactory. Receved stores. Out Fitting Jobs: Remove ecomizer drain pipe line, clean & same fitted back, Rectify leaky steam tracing line main engine fuel oil manifold (2 nos.) & renew ecomizer steam drain valves, (2 nos.) Fittings Main engine fuel oil lines insulation cover in progress
12 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Check steam pipe lines in Engine room & rectify steam leakages. Clean HFO/MDO transfer pump suction filters. Check MDO leakages; remove / fit back Auxiliary engine's return pipe lines for inspection. Out Fitting Jobs: Fabrication Engine room workshop stand in progress.
13 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Saturrday routines carried-out. Retighten manhole door cover Thermal boiler HFO sevice tank. Remove, clean & same fitted back fuel oil inlet solenoid HFO, oil inlet solenoid valve's Main engine & Auxiliary engine's purifiers. Securing the received engine stores in progress, Out Fitting Jobs: Remove & renew aft port side ladder steps, (4 nos.). Securing

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		engine store in progress. Fittings steam pipe lines insulation cover in progress.
14 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out Securing the received engine stores carried-out. Attended shore technician working & try-out CO2 alarms (Thermal Boiler, Engine Room & Pump Room). Out Fitting Jobs: Fabrication Engine room workshop stand & securing Engine room stores carried-out.
15 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Auxiliary engine # 1, found cylinder head unit #4 oil leakage in indicator cock when blowing, remove, replace with overhaul spare, renew gasket & o-rings & reassemble back. Fittings of Fuel & oil heaters steam pipe lines (Inlet & outlet) insulation covers of HFO & L.O. purifiers in progress. A/E # 2, turbo charger duplex filter clean. Out Fitting Jobs: Remove & renew port side ladder steps, (Fwd. & Aft), one step each. Remove for fabrication, leaky steam paypass return line to atmospheric condenser.
16 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Auxiliary engine # 1, replacing cylinder heads works carried-out & tried-out. Rectify fuel oil leakages Auxiliary engine # 2. Fittings of Fuel & oil heaters steam pipe lines (Inlet & outlet) insulation covers of HFO & L.O. purifiers carried-out. Secure Main engine turbo charger spare in box to spare part rack. Remove cement bags, wood floorings & Lube oil racks in place in steering gear for modification, cut angular bars use for Lube oil racks modification Out Fitting Jobs: Fabrication, leaky steam baypass return line to atmospheric condenser carried-out. Cut 6 nos. angular bar for lube oil racks modification.
17 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Auxilliary boiler fuel oil pump # 1, 2 suction filters cleaned & pilot burner overhaul, same fitted back. Started Auxilliary boiler & put in service. Clean ME fuel oil pumps driving gear unit # 1-6 & boxed back covers, clean fuel oil pump & maneuvering stand leakages. ME fuel oil & lube oil system tried-out & found satisfactory. Out Out Fitting Jobs: Fitted back fabricated steam baypass return line to atmospheric condenser. Modification of Lube oil & greaase racks in steering gear in progress.
18 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. ME 2 nd , 3rd F.O. & 2nd A/E's autobackwash filter pneumatic pistons are leaking, remove, overhaul, renew all o-rings & fitted back. Replace gravity disc of HFO purifier # 1 & put in operation. Incenerator pilot burner remove, overhaul & same fitted back. E/R crane cable wire renewed by drydock. ME soap wash in progress. Out Fitting Jobs: Modification of Lube oil & greaase racks in steering gear in progress
19 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Replace with new spare HFO purifier # 2, solenoid valve of the sealing water. Rectify the leaking control air filter A/E # 1. Fitted A/E's spares cylinder heads securing flatfom & working table in E/R. Secured all A/E's spares cylnider heads in securing flatfom. E/r crane load test (5T) carried-out by drydock. Out Fitting Jobs: Fitted A/E's spares cylinder heads securing flatfom & working table in E/R. Fabrication of name plate on deck in progress.
20 th	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Saturday routines carried-out. Auxiliary engine # 1, lube oil & turbo charger duplex filters cleaned. Attended Engine room General cleaning by drydock personnel. Transfer & secure Main engine piston crows, 3 nos. Overhaul Main engine lube oil solenoid of automatic inlet valve, Clean feed pump suction filter & cover gasket renewed. Out Fitting Jobs: Modification of Lube oil & greaase racks in steering gear in progress.
21 st	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Attended Engine room General cleaning by drydock personnel. Try out Emergency fire pump & renew gland packings. MDO transfer pump suction filter cleaned. Attended provision stores. Out Fitting Jobs: Modification of Lube oil & greaase racks in steering gear in progress. LEMAC sensor, wirings & cable trays fabrication in progress.

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22 nd	DryDock	Daily routine checks carried out of all running machinery's and cleaning carried out. Attended Engine room General cleaning by drydock personnel. ME exhaust valve driving gear pump duplex filters cleaned. HFO purifiers duplex suction filters cleaned. Prepare / try-out ME ahead & astern movements & found working satisfactory. Rectify ME lubricator line leakages. Paint lube oil racks in steering gear. A/E # 1, L.O. & T/C duplex filters cleaned. Out Fittings Jobs: Two fire hydrant boxes in ER repair. LEMAC sensor, wirings & cable trays fabricated & fitted in place, full installation completed..
23 rd	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. Attended / Throuble shoot Steering Gears. Modification of Lube oil & greaase racks in steering gear carried-out. Transfer of Various oils & grease in cans to racks in steering gear in progress. Attended manueverings from repair yard to anchorage area. Out Fitting Jobs: Modification of Lube oil & greaase racks in steering gear carried-out. Repair steering gear wood floorings in progress.
24 th	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. Prepare ME / Attended manueverings departure / transitting canal Nantong, China. Secure All loose gears in E/R & arrange all greases & oils in cans in Steering lube oil racks. Clean A/E's F.O. autobackwash filters. Out Fitting Jobs. Fabrication of fuel & lube oils filters cleaning arrangement in progress. Secure all scubber spares part at B-deck.
25 th	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. Remove FWG ejector non return valve for inspection, found the flaps is broken, repair in progress. Securing all spares in E/R in progress. Clean Main sea chest (High/Low) suction & spare filters. Take following oil samples for sending to shore for Laboratory test; ME, A/E # 1, 2 & 3, Steering gear # 1 & 2, Mooring winches Fwd & aft, Remote control valve's & Thermal boilers. Out Fitting Jobs; Clean Main sea chest (High/Low) suction & spare filters. Clean A/C condenser tubes & suction air filters, Thermal oil circulating pump # 1, 2 & 3 suction filters & secure with clamps spare span gas bottle.
26 th	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. Repair & same fitted back FWG ejector non return valve, ejector pump discharge line to pressure gauge found chocked, remove & renew. Rectify oil leakage A/E # 1. Control air dryer inlet & outlet filters cleaned. Out Fitting Jobs: Arrangement / securing stores, oil drums & renewal of wood gratings steering gear room in progress.
27 th	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. Take all fuel oil tanks sounding. Transfer diesel oil to Thermal boiler diesel service tank. Backwashing jacket cooler # 1 & 2. Cleaned spares & replace candles A/E's fuel oil autobackwash secondary filters. Out Fittings Jobs: Arrangement / securing stores, oil drums & renewal of wood gratings steering gear room in progress. Clean Thermal boiler oil circulating pump # 1, 2 & 3 suction filters.
28 th	At Sea	Daily routine checks carried out of all running machinery's and cleaning carried out. FWG brine ejector non return valve, remove & found broken again. Clean spare candles & replace A/E's fuel oil autobackwash secondary filter. Clean spares candle filters ready for use. E/R Cleanings starboard bulkheads & paintings in progress. ME performance taken & recorded. Out Fittings Jobs: Fabricated save all diesel oil tank. Clean Thermal boiler oil circulating pump # 1, 2 & 3 suction filters all cover gaskets renewed.
29 th	At Sea	Daily routine checks carried out of all running machinery's.carried out. ME performance tanken. A/E's F.O. autobackwash candle & bypass filters cleaned. E/R general cleaning in progress. Out Fittings Jobs: Repair Port & Stbd lifeboat winch manual handles. Clean Thermal boiler oil circulating pump # 1, 2 & 3 suction filters. Prepared/ fabricated handles for Thermal boiler circulating pump # 1, 2 & 3 suction filter covers.
30 th	At Sea	Daily routine checks carried out of all running machinery's.carried out. Cleaned A/E's F.O. autobackwash candle filter . H.F.O. prurifiers duplex suction &

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		A/E #2, L.O. & T/C duplex filters. A/E # 1,2 & 3 performance tanken & recorded. Out Fittings Jobs : Repair steering door pacing. Inventories of gasses taken. Fabricate hinges, 2 nos. Stbd. Side bottom floor plate. Cleaned & arranged E/R workshop. Transfer E/R garbage to upper for disposal. Fitted blank plate to scubber pipe.
: 31 th	At Port	Daily routine checks carried out of all running machinery's carried out. Attended manueverings arrival Kemaman, Malaysia for loading cargo.

ANDRIESANU Dumitru
Name Chief Engineer



Signature