VESSEL: Bitu Atlantic   DATE (dd/mm/yy) : 30/11/18

| | PARTICULAR | MIN SPARE | MAIN ENGINE | | | | |
			NEW	USED	ASHORE	REQUISITION NUMBER	REMARKS
1	CYLINDER LINER	1	1	1	0	0	
2	CYLINDER COVER	1	1	1	0	0	
3	PISTON COMPLETE	1	1	1	0	0	
4	PISTON CROWN	1	1	0	0	0	
5	CONNECTING ROD COMPLETE w/GUDGEON PIN & BUSH	1	1	1	0	0	N/A FOR 2 – STROKE ENGINES
6	PISTON RINGS SET	3	3	3	0	0	50% OF THE TOTAL NUMBER OF UNITS
7	FUEL PUMP ASSY	1	1	0	0	0	
8	INTAKE VALVE COMPLETE	2	2	0	0	0	
9	INTAKE VALVE SPINDLE	2	2	0	0	0	
10	INTAKE VALVE SEAT	2	2	0	0	0	
11	EXHAUST VALVE COMPLETE	2	2	0	0	0	
12	EXHAUST VALVE SPINDLE	4	0	0	0	0	FOR 2 –STROKE ENGINES 2 PCS
13	EXHAUST VALVE SEAT	4	0	0	0	0	FOR 2 –STROKE ENGINES 2 PCS
14	AIR STARTING VALVE COMPLETE	1	1	1	0	0	
15	FUEL INJECTOR COMPLETE	4	0	0	0	0	

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16	CRANKPIN BEARING	1	1	1	0	0	
17	CROSSHEAD BEARING	1	1	1	0	0	
18	MAIN BEARING	1	1	1	0	0	
19	THRUST BEARING	1	1	1	0	0	FOR 2 –STROKE ENGINES 1 SET
20	GOVERNOR	1	1	0	0	0	N/A FOR 2 – STROKE ENGINES
21	LUBRICATOR COMPLETE	1	1	0	0	0	N/A FOR 4 – STROKE ENGINES
22	T/CHARGER ROTOR	NIL	0	0	0	0	FOR 4-STROKE ENGINES 1 SET
23	T/CHARGER BEARING SET	1	1	1	0	0	
24	T/CHARGER LO PUMP SET	1	1	0	0	0	
25	T/CHARGER BEARING BUSHES SET	1	1	1	0	0	
26	OIL MIST DETECTOR - LENS		0	0	0	0	
27	OIL MIST DETECTOR - FILTERS	1	1	1	0	0	

ITEM		MIN SPARE	AUXILIARY ENGINE			REQUISITION NUMBER	REMARKS
			NEW	USED	ASHORE		
1	CYLINDER LINER	1	2	0	0	0	
2	CYLINDER COVER	1	0	5	0	0	
3	PISTON COMPLETE	1	1	0	0	0	
4	PISTON CROWN	1	0	0	0	0	N/a
5	CONNECTING ROD COMPLETE	1	1	0	0	0	
6	PISTON RINGS SET	3	7	0	0	0	
7	FUEL INJECTORS ASSY COMPL	3	0	4	0	0	
8	FUEL PUMP ASSY	1	0	3	0	0	
9	INTAKE VALVE COMPLETE	2	0	0	0	0	N/a
10	INTAKE VALVE SPINDLE	2	3	0	0	0	
11	INTAKE VALVE SEAT	2	3	0	0	0	
12	EXHAUST VALVE COMPLETE	2	0	0	0	0	N/a
13	EXHAUST VALVE SPINDLE	4	1	0	0	0	
14	EXHAUST VALVE SEAT	4	8	0	0	0	
15	AIR STARTING VALVE	1	0	0	0	0	IF APPLICABLE
16	AIR STARTING MOTOR – OVERHAUL KIT	1	1	0	0	0	IF APPLICABLE
17	CRANKPIN BEARING	2	12	0	0	0	
18	PISTON GUDGEON PIN & BUSH	1	2	0	0	0	

19	MAIN BEARING	1	4	0	0	0	
20	THRUST BEARING	1	4	0	0	0	
21	GOVERNOR	1	1	0	0	0	
22	T/CHARGER ROTOR	1	0	1	0	0	
23	T/CHARGER NOZZLE RING	1	0	2	0	0	
24	T/CHARGER BEARING SET	1	2	0	0	0	
25	T/CHARGER LO PUMP SET	1	0	0	0	0	N/a

ITEM		MAIN AIR COMPRESSOR				
		MIN SPARE	NEW	USED	ASHORE	REQUISITION NUMBER	REMARKS
1	LP SUCTION VALVE COMPL	1	0	1	0	0	
2	LP DISCHARGE VALVE COMPL	1	0	1	0	0	
3	HP SUCTION VALVE COMPL	2	1	2	0	0	
4	HP DISCHARGE VALVE COMPL	2	0	3	0	0	
5	LP PISTON COMPLETE W/CON ROD	1	0	0	0	0	N/a
6	LP PISTON RING SET COMPL	1	3	0	0	0	
7	HP PISTON COMPLETE W/CON ROD	1	0	0	0	0	N/a
8	HP PISTON RING SET COMPL	1	3	0	0	0	
9	LUB OIL PUMP	1	1	0	0	0	
10	LP – SET OF GASKETS	1	2	0	0	0	
11	HP – SET OF GASKETS	1	1	0	0	0	
12	LO FILTER CARTRIDGE	2	3	0	0	0	
13	LP SAFETY VALVE COMPL	1	1	0	0	0	
14	HP SAFETY VALVE COMPL	1	1	0	0	0	
15	CRANKPIN BEARING	2	1	0	0	0	
17	MAIN BEARING	2	2	0	0	0	
18	THRUST BEARING	1	1	0	0	0	
19	COOLING WATER PUMP	1	1	0	0	0	

ITEM		MIN SPARE	OTHER AUXILIARY EQUIPMENT			REQUISITION NUMBER	REMARKS
			NEW	USED	ASHORE		
1	SEWAGE TREATMENT TANK – DISCHARGE PUMP SPARES	1 Set	1	0	0	0	
2	SEWAGE TREATMENT TANK – SPARE MOTOR	1	1	0	0	0	
3	CARGO HEATING BOILER – FD FAN MOTOR	1	0	0	0	0	
4	CARGO HEATING BOILER BURNER MOTOR	1	0	0	0	0	
5	CARGO HEATING BOILER – BURNER ELECTRODES	1 SET	0	0	0	0	
6	CARGO HEATING BOILER – BURNER NOZZLE	1	0	0	0	0	
7	CARGO HEATING BOILER – FLAME SCANNER	1	0	0	0	0	
8	CARGO PUMPS – SHAFT GLAND PACKING	2 SETS	0	0	0	0	
9	CARGO HOSES	4	4	0	0	0	
10	MOORING ROPES	3	3	0	0	0	
11	FOAM PUMP – SPARES FOR OVERHAUL	1	0	0	0	0	N/a
12	FOAM PUMP MOTOR	1	0	0	0	0	N/a

ANDRIESANU Dumitru
Name Chief Engineer

Signature

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