

Performance Sheet -- Main Engine

Vessel	MT Bitu Atlantic		Ship No.	5455	
Voyage No.	ATL-001B1	From:	Nantong	To:	Kemaman
Temperature	Eng. Room 41 Sea Water 29	Engine Type	6UEC60LA	Eng. No.	UE-2727
Main Engine Make	Kob		Last Overhaul Date	2018/09/25	Running Hour From Last Overhaul
Date & Hour	2018/10/29 9:00		Rated Output	8436 kW	Govt Load Index
Output & Speed	Ave.	1	2	3	4
Cylinder No.	Max. Pressure (Pmax)	111.83 kg/cm2	116.00 kg/cm2	113.00 kg/cm2	111.00 kg/cm2
	Comp Pressure (Pcomp)	79.33 kg/cm2	80.00 kg/cm2	79.00 kg/cm2	80.00 kg/cm2
	Pmax-Pcomp	0.00 kg/cm2			
	Indicated MEP	0.00 kg/cm2			
	Exhaust Gas Temp.	deg C 337.50	352.00 deg C	322.00 deg C	341.00 deg C
	CW Outlet Temp.	deg C 82.00	82.00 deg C	82.00 deg C	82.00 deg C
	Piston CO Temp	deg C 50.17	50.00 deg C	50.00 deg C	51.00 deg C
	Bott End Brg Temp	deg C 0.00			
	Main Brg Temp	deg C 0.00			
	Fuel Pump Rack	mm 55.33	55.00 mm	55.00 mm	56.00 mm
	VIT Index	mm 0.00			


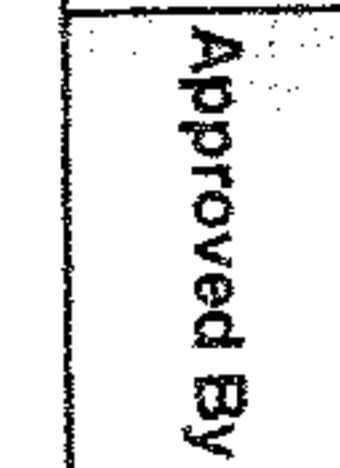
Temp: deg C	Lub Oil Eng Inlet 48	PCO Eng Inlet 48	C/shaft LO Eng Inlet 48	CW Eng Inlet 72	FO Inlet 130	Fuel Inj Cool Inlet	
	Scav Air Manifold Inlet 48	Gear Box LO Inlet 53	Thrust Bearing Inlet 116	Intermediate Shaft 26 Inlet 19	Vibration Damper Inlet 360	No. 1 T/C Cool LO Inlet 47	
	Lub. Oil Cooler Outlet 47	Main Air Cooler No 1 - Air Temp Inlet	Main Air Cooler Outlet 44	Main Air Cooler No 2 Inlet	Exhaust Gas Outlet 275	No. 2 T/C Cool LO Inlet	
	Camshaft Oil Cooler Inlet	Main Air Cooler No 2 - Air Temp Inlet	Main Air Cooler Outlet	Main Air Cooler No 2 Inlet	No. 1 T/Charger Exhaust Gas Outlet	No. 2 T/Charger Cooling Water Inlet	
	Engine Cooling Water Cooler Inlet	T/C Blower No.1 Inlet	Air Inlet 34	Gear Box LO Inlet	No. 1 T/Charger Cooling Water Outlet	No. 2 T/Charger Cooling Water Outlet	
	Water Cooler Outlet 71	T/C Blower No.2 Inlet	Air Inlet	Cooler Outlet			

Press : kg/cm2	Main LO Eng Inlet 2.80	PCO Eng Inlet 2.80	C/shaft LO Eng Inlet 2.80	CW Eng Inlet 2.20	FO Inlet 6.50	Fuel Inj Cool Inlet	
	Scav Air Manifold 1.30	Gear Box LO Inlet	Thrust Bearing LO 2.80	Intermediate Shaft 56	Vibration Damper Exh Gas Back Pr after T/C No.1	Exh V/V Spring Air 5.40	Control Air 6.5
	No.1 T/C Cool LO 2.80	Pr Drop No 1 Main Air Cooler	Pr Drop No 1 T/C Filter	56	Exh Gas Back Pr after T/C No.2	Pressure Drop across EGB	30.00
	No.2 T/C Cool LO	Pr Drop No 2 Main Air Cooler	Pr Drop No 2 T/C Filter				

Fuel Oil	F. Mtr Reading at start of test	FO Cons during test	hrs	FO in use during test % Sulphur	LCV	M/J/Kg	CSt
	F. Mtr Reading at end of test	FO Cons during test	g/kV-h	at deg C	Density @15 deg C		

Cylinder Oil	Grade	Load Dependent Lubrication	CO Cons during test	Rated Sp CO Cons	gms/kW-Hr
	Density @ 15 deg C	RPM Dependent Lubrication	CO Cons during test	Current Sp CO Cons	gms/kW-Hr

Formulas	Specific FO Cons (SFOC) gms/kW-Hr = (Fo x D x 10^3) / (h x Pe)	Specific Cyl O Cons (SCOC) gms/kW-Hr = (Co x D) / (h x Pe)
	Fo = Fuel Oil Cons measured period(cu mtrs) D = Temp Corrected Sp Gravity (kg/cu mtrs) h = measured period (hrs) Pe = BHP (= 0.7457 kW)	Co = Cylinder Oil Cons over measured period(hrs) D = Temp Corrected Sp Gravity (kg/cu mtrs) h = measured period (hrs) Pe = BHP (= 0.7457 kW)

Chief Engineer: **PNB PIESKALU D**  Approved By: 

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