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Machinery Spaces

Main Engine

Main engine is a Mtsui B&W 7S60MC, Two Cycle, Single acting, Cross head type, direct reversible type with MCR of 12,100 PS at 94 rpm and NCR of 10,890 PS at 90.8 rpm. Engine runs on IFO 380.

Main engine running hours were recorded as 84,364 to date. Records indicated that all liners were renewed in the past.

Cylinder No.	Last Overhaul Date	Liners Hrs	Maximum Liner Wear in mm	Running hours since last Piston Overhaul
1	29 Jul 2011	No Info	0.49	15,634
2	03 Jul 2011	No Info	0.34	15,956
3	06 Aug 2013	No Info	0.40	6029
4	Sep 8, 2012	No Info	0.28	14,414
5	30 Sep 2013	No Info	0.47	13,189
6	20 Dec 2011	No Info	1.40	2646

Maintenance and Overhauling reports were made available and checked. Latest cylinder liner inspection and measurement was carried out during the third quarter of 2013 and liner no. 4 was replaced in the occasion. Owners must be queried on cause. According to C/E the replacement was due to excessive wear and this was only noticed on that unit, no other records available from that period.

RH since last overhaul are between 4,260 and 4,740 for most units.

Latest crankshaft deflection measurement was carried out in May 2014 as satisfactory.

Performance records are maintained and records of June 2008 were sighted. The sighted exhaust temperature of 360 – 370 deg C at 93.4 rpm were seen to be satisfactory.

No major problems were reported by staff. Externally the engine was seen in satisfactory condition without any significant visible leakage or damage.

Main Engine Tick/ MouseClick only once	None	Minimal	Intermediary	Considerable	Not Sighted
Repair/Upgrade required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Auxiliary Engines

For electrical power vessel has three Bergen Diesel, KTG-5 engines of 740 KW driving Taiyo Electric Alternators of capacity 680 KW, 450 Volts AC, 3 Phase, 60Hz. Engines are operated on IFO 380 CST.

Contact Us

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