

20 JUN 1960

on the ~~SS~~ M.S. "BURSA"

BOILER REPAIRS:-

Two lower row shell/C.C. stays (Stbd) fractured, now renewed.

Star fractures approx. 1½" long noted in boiler back end plate in way of lower and second row (s) centre combustion chamber end stays.

Stays removed and fractures trepanned out. Spiggotted compensating plates made, fitted and electrically welded to plate and new stays refitted.

Boiler subsequently hydraulically tested and found sound and tight.

W. A. Taylor

- 32 Essential Independent Pumps (Identify by position) Boiler Fuel (Stbd); Oil Fuel Transfer (Stbd); Boiler Feed (Aft)-All
- 33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
- 34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
- 35 Fresh Water Coolers 36 Lub. Oil Coolers 37 Heaters (state service) Blr. Oil Fuel (Upper)-Hyd. T. - Good.
- 38 Independent Air Compressors, Coolers & Safety Devices Starboard - Good.
- 39 Air Receivers & Safety devices—Main Starboard - Good 40 Auxiliary
- 41 Oil Fuel Tanks (Not forming part of hull structure)
- 42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?
- 44 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

Starboard Air Compressor Driving Engine - Good.

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			n Switchboards & Fittings
e Air Coolers			o Circuit Breakers
f Control Gear, Cables, etc.			p Cables
g Insulation Resistance			q Insulation Resistance
h Insulating Oil Test			r Steering Gear Generators and Motors
i Overspeed Governors			s Navigation Light Indicators
Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN	AUXILIARY, DONKEY & PRESS	Good (11-5-60).
Superheaters		Good
Safety Valves		Good
Mountings, Doors & Fastenings		150 lb. per sq. inch.
Safety Valves Adjusted to { Sat.		
{ Spt.		
Boiler Securing Arrangements		Good
Main Economisers	Exhaust Gas Heated Economisers	
Steam Heated Steam Generators	Steam Generator Safety Valves Adjusted to	
Were Oil Burning System & Remote Controls examined working in accordance with Rules?	Yes	Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?		Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main	Auxiliary (over 3 in. bore)
Were Copper Pipes annealed?	Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

DAMAGE REPAIR & CONDITION OF CLASS

Propeller, stated damaged by striking a submerged object whilst on passage from Pladju to Belawan on a date not specified (please see Sng Rpt. No. 13222), now removed and new bronze spare fitted without and with key and found satisfactory. New propeller marked. R.I.H. 4964 SCIMITAR LLOYDS DMC 23-10-59 Dia. 15' 0" Pitch varying 12.55' at 4' 8½" RAD. SURFACE 86.5 sq. ft. Weight 6 tons 18 hundredwt.

It is recommended that the item re. the propeller be now deleted from the S. R. List.

WEAR AND TEAR REPAIRS.

Stern bush wood worn, rewooded entirely.

Main Engine Nos. 2 & 3 centre bottom end spherical landings heavily ridged on connecting rod foot and bearing shells, now ground and satisfactorily adjusted.

Oil fuel transfer pump and boiler fuel pump cylinders barrelled now rebores and new pistons made and fitted.

Cont.

Survey fees	\$150	CS
	\$105	TSCI
	\$120	ABS

Repair

XXXXX fee

Expenses .. \$ 15

Date when A/c rendered

9/6/60



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