

32 Essential Independent Pumps (Identify by position) 2-Fuel oil Service-(1)-Ballast, (1) Steering Eng.,(1)-Ballast-(2)-Boiler Feed Pumps, Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes- Good

35 Fresh Water Coolers - 36 Lub. Oil Coolers - 37 Heaters (state service) -

38 Independent Air Compressors, Coolers & Safety Devices -

39 Air Receivers & Safety devices—Main - 40 Auxiliary -

41 Oil Fuel Tanks (Not forming part of hull structure) -

42 Evaporators Good 43 Have Evaporator Safety Valves been tested under steam? As required.

44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position)

(3)-Steam Generator Engines opened, examined, the cylinders, pistons, rings, valves, top and bottom end bearing and pins, crankshaft and main bearing and found or placed in good order.

PROPULSION	PORT	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
		STARBOARD		
a Generators	-	-	-	l Generators & Governors Good
b Exciters	-	-	-	m Motors Good
c Air Coolers	-	-	-	n Switchboards & Fittings Good
d Motors	-	-	-	o Circuit Breakers Good
e Air Coolers	-	-	-	p Cables Good
f Control Gear, Cables, etc.	-	-	-	q Insulation Resistance Megger Tested and found to be less than 100,000 OHMS
g Insulation Resistance	-	-	-	r Steering Gear Generators and Motors -
h Insulating Oil Test	-	-	-	s Navigation Light Indicators -
i Overspeed Governors	-	-	-	
j Magnetic Couplings	-	-	-	
k Air Gap	-	-	-	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler) (p&s) - Sept. 7/56

(2) MAIN Internally and Externally, all Boiler fixtures, MOUNTINGS, connections, steam pipes (tested) and found or placed in good order. AUXILIARY, DONKEY or PRESS -

Superheaters -

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 180 P.S.I.
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 Steel 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 the subjects of class)

Tailshafts (p&s) were drawn, examined, found or placed in good order Shafts, Propellers and Stern Bearings satisfactory.

Lower Fuel Oil Service Pump-Piston rings, renewed, slide valve and valve faces machined true. Suction and Discharge valves, examined, pump closed in good order. Valves (Boilers, p&s), Main and Auxiliary Stops, Twin Safety Valve Water columns, Steam Water and Drain Cocks, (3) Test Cocks, Blow Down and scum Salinometer cocks, pressure gauge cocks, Main and Aux. Feed shell and distribution valves. Valves ground in as necessary, repaired closed up with new gaskets, etc., renewing defective bolts, studs and washers.

Port Boiler-Found leaking at bottom of riveted girth seam, at the front and in back of the burner were removed and magnetic test disclosed fractures in the shell plate between rivet holes at bottom centre line, up the inboard girth seam, approx. 25". Also two (2) fractures from rivet running forward longitudinally into shell plate, the lower one and the centre line from hole to the bottom drain plug opening. The second begins at the 4th rivet; top side of boiler centre line. All fractures, were cut out and welded and a stopper hole was placed at the end of the upper longitudinal bracket. Hole was closed with a rivet. Approvals were renewed.

LEAVE THIS SPACE BLANK

Survey fees	\$130.00
B.S.	60.00
TS(2)	60.00
Electrical	30.00
Damage fee	
Expenses...	10.00



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