



32 Essential Independent Pumps (Identify by position) Bilge pump - centrifugal type - and spare lubricating oil pump driven by aux. oil engine, Bilge pump - piston pump - driven by electric motor, all starboard side - 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

35 Fresh Water Coolers ..... 36 Lub. Oil Coolers Good ..... 37 Heaters (State Service) .....

38 Independent Air Compressors, Coolers & Safety Devices Good.

39 Air Receivers & Safety devices—Main Good ..... 40 Auxiliary Good.

41 Oil Fuel Tanks (Not forming part of hull structure) 1 port side 2 starboard side in engine room - Good.

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

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

AUXILIARY ENGINES (Identify by position) Port side (Gardner 6 cy.) Good. Starboard side (Lister 6 cy.) Good.

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators			i Generators & Governors Good.
b Exciters			m Motors Good.
c Air Coolers			n Switchboards & Fittings Good.
d Motors			o Circuit Breakers "
e Air Coolers			p Cables "
f Control Gear, Cables, etc.			q Insulation Resistance "
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)

MAIN ..... AUXILIARY, DONKEY or PRESS .....

Superheaters .....

Safety Valves .....

Mountings, Doors & Fastenings .....

Safety Valves Adjusted to { Sat. ....  
Spt. ....

Boiler Securing Arrangements .....

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? ..... Forced Circulating Pumps .....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... Funnel .....

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)

ME:- All valves ground in and overhauled. Bearings dressed and adjusted as necessary. All piston rings renewed. Coupling flange at forward end of screw shaft found slightly loose on shaft. Toper dressed and flange refastened. Screw shaft nut heavily corroded, repaired by electric welding. Oil retaining gland overhauled.

Aux. Oil Eng. :- No. 3 piston of starboard aux oil engine found scored. Was renewed.

Both main and aux. air receivers were now tested with water pressure 50 kg. pr. cm.<sup>2</sup> and found good.

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Survey fees	Kr.	2.940,00
Screwshaft	"	300,00
Repair	"	400,00
Damage fee	...	.....
Expenses...	...	.....

Date when A/c rendered.....

