

23 Essential Independent Pumps (Identify by position)
 24 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
 25 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

26 Lub. Oil Coolers 27 Heaters (state service)
 28 Auxiliary
 29 Oil Fuel Tanks (Not forming part of hull structure)
 30 Evaporators 31 Have Evaporator Safety Valves been tested under steam?
 32 Steering Machinery 33 Windlass 34 Fire Extinguishing Arrangements

ELECTRICAL EQUIPMENT			AUXILIARY EQUIPMENT
PORT	STARBOARD		
a Generators			1 Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
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 Port and starboard boilers, Good. 18/10/57
 AUXILIARY, DONKEY or PRESS
 Safety Valves Good
 Mountings, Doors & Fastenings Good
 Safety Valves Adjusted to Sat. 180lbs/sq. ins.
 Boiler Securing Arrangements Good
 Steam Generator Safety Valves Adjusted to
 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)
WEAR & TEAR REPAIRS:- Port Boiler. Port Combustion Chamber.
3 rivet landing fractures on furnace Gourley veed out and welded. 1 rivet landing fracture on C.C. back plate veed out and welded.
Centre Combustion Chamber:- 3 rivet landings on furnace Gourley veed out and welded.
Starboard Combustion Chamber:- 1 rivet landing on furnace Gourley veed out and welded.
Mountings:- 1 press gauge cock renewed auxiliary check valve spindle renewed, blow down valve lid renewed.
Starboard Boiler:- Port Comb. Chamber. 1 rivet landing fracture on furnace Gourley veed out and welded. 1 rivet landing fracture on combustion chamber back plate veed out and welded.
Starboard Comb. Chamber:- 2 rivet landing fractures on furnace Gourley veed out and welded.
Mountings:- 1 press gauge cock renewed, dynamo valve spindle renewed, main check valve spindle renewed. A number of tubes expanded each boiler.
 (Continued on page 3.....)

Survey fees M.B.S. £16. 0. 0.
 T.S.S. £5. 0. 0.
 Damage fee
 Expenses... ..
 Date when A/c rendered 8.4 NOV 1957

Rpt. 9a- Contⁿ. Sheet 3.
 Port of on the S.S. "REDRIFF".
 Continuation of ~~114~~ Mch. Report No. 114786 dated
 Continuation of Report No. 114786 dated

WEAR & TEAR REPAIRS:- (Continued).
Stern Bush:- Rewooded.
S.R. List:-
Condenser water boxes to be renewed by 10.57 (12 months limit). Both water boxes now renewed. This item to be now deleted from special reasons list.

E Hardcastle