

32 Essential Independent Pumps (Identify by position) 2 G.S. (PSF); circulating (PSF); feed SSF; 2 FO (PSF); feed SSF
stokehold; transfer (Fd); air (SSF); Good
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good Except controls to fit.
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
35 ~~35~~ 36 ~~36~~ 37 Heaters (state service) Feed (tested) good; Upper F.O. (tested) Good
38 ~~38~~ 39 ~~39~~ 40 ~~40~~
41 ~~41~~ (Not forming part of hull structure)
42 ~~42~~ 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) PS Upper Good
SS Upper Good

ELECTRICAL EQUIPMENT			
PROPOSITION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			Generators & Governors Good - + Governor
b Exciters			To fit starboard
c Air Coolers			
d Motors			
e Air Coolers			
f Control Gear, Cables, etc.			n Switchboards & Fittings Good
g Insulation Resistance			o Circuit Breakers Good
h Insulating Oil Test			p Cables Good
i Overspeed Governors			q Insulation Resistance Good
j Magnetic Couplings			r Navigation Light Indicators
k Air Gap			s Navigation Light Indicators Good

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Good 16-9-57

~~SAFETY VALVES~~
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. 225 Lbs
Boiler Securing Arrangements Good
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes Control to
Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main Steel Good Auxiliary (over 3 in. bore) Copper Good
Were Copper Pipes annealed? Yes

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)
Six circulating boiler tubes renewed. Boiler tested by hydraulic pressure to 230 Lbs per sq ins.
New TSCL. Lloyd's SLD. 2738. A.G. 15-1-57 fitted, certificate attached hereto. Stern bush wood bored out.
Shaft now removed requires to be examined when liner removed.
Sundry minor repairs effected.

To Complete the Machinery Survey:- The following items require to be dealt with.
It is stated that the vessel will be offered for completion on return from present voyage about one month hence.
Pumping to test; F.O. heater (lower) to test; controls for O.F. suction lines to fit; controls for F.O. unit steam fire extinguishing to fit; drip trays under F.O. burners to fit. Foam extinguishers to charge.
Governor to fit to dynamo engine starboard.

Survey fees Reclassing and Mch. 100,000.-
Survey 25,000.-
Boiler Survey 30,000.-
Electrical 15,000.-
Screwshaft 7,200.-
Late Att. 21,264.-
Damage fee 4,000.-
12% Tax
Expenses...

Date when A/c rendered