

Rpt. 9

Date of writing report 17<sup>th</sup> November 1955

Received London

Port ANTWERP

No. 30700

Survey held at Ostend

No. of visits 4

First date 6/10/55

Last date 9/11/55

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 23969 Name S.S. "PRINCE CHARLES"  
Owners Belgian Government Managers --  
Engines made 1930 By S.A. John Cockerill. Seraing. Type 6 Steam turbines SR.  
No. of Main Engines 2 No. of Screws 2  
No. of Main Boilers 6 WTB W.P. 370 lb. (Spt).  
No. of Aux./Donkey Boilers W.P.  
Surveyed Afloat or in Dry Dock afloat  
Nature of Survey  
Was Damage Report issued? Int. Cert.?  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+ 100. A.1.	+ LMC. 3.55
with freeboard	WTB. 3.55
6.55	pds 2.53
(Dr) Ant. 3.55	sps 3.55
For service between Ostend and Dover	

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus + should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections  
Fastenings Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?  
Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods  
2 Valves & Gears  
3 Connecting Rods, Side Top Ends & Guides Centre  
4 Crankpins & Bearings, Side Centre  
5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods  
7 Connecting Rods & Top Ends  
8 Crankpins & Bearings  
9 Journals & Bearings  
10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods  
12 Connecting Rods & Top Ends  
13 Crankpins & Bearings  
14 Journals & Bearings  
15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in good and efficient condition and eligible, in my opinion, to remain as now classed and to have fresh record of BB 11.55

TUESDAY - 6 DEC 1955  
Date of Committee  
Decision BB 11.55



32 Essential Independent Pumps (Identify by position).....  
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).....  
38 Independent Air Compressors, Coolers & Safety Devices..... 40 Auxiliary.....  
39 Air Receivers & Safety devices—Main.....  
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 *Good*.....

AUXILIARY ENGINES (Identify by position).....  
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		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....			i 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 *Good* *The 3 fwd boilers ex. 10/10/55* AUXILIARY, DONKEY or PRESS.....  
*The 3 aft boilers ex. 17/10/55*  
Superheaters *Good*  
Safety Valves *Good*  
Mountings, Doors & Fastenings *Good*  
Safety Valves Adjusted to Sat. *370 lbs*  
Spt. *370 lbs*  
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. Good* 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)  
*Minor repairs effected to the boiler mountings.*

BS. due 3. 56 new field.  
It is submitted that this vessel is eligible for THE RECORD. BS. V. 55.

*B/C*  
29 NOV 1955

LEAVE THIS SPACE BLANK

*38*

Survey fees *BS. Fr. 10590.-*  
Damage fee .....  
Expenses... *Fr. 1761.-*  
Date when A/c rendered *21-11-55*