Rpt. 9.

No. 66403

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 10 DEC 1942)

Date of writing Report 5-12-1942 When handed in at Local Office 7.12.1942 Port of GLASGOW

No. in Reg. Book. 82643 Survey held at GLASGOW Date. First Survey Nov. 12 Last Survey 2-12-1942 (No. of Visits 6)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. SOUTHERN PRINCESS

Tonnage { Gross 12156 / Net 7603

Nominal Horse Power 947

No. of Main Boilers 5 SB

No. of Donkey Boilers /

Steam Pressure— in Main Boilers 220LB

in Donkey Boilers /

Vessel built at NEWCASTLE By whom ARMSTRONG WHITWORTH & Co. LD When 1915 (Year. Month.)

Engines made at ~ D° ~ By whom N.E. MARINE ENG. Co. LD When 1915

Boilers, when made (Main) +NB(FC) 6,29 REFITTED 8,34 (~~Donkey~~)

Owners THE SOUTH GEORGIA Co. LD. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers CHR. SALVESEN & Co Port LONDON Voyage

If Surveyed Afloat or in Dry Dock BOTH GOVAN N°3 D.D & QUEENS DOCK (State name of Dock.)

Last Report No. Port

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned on expiral.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A1 WITH		+LMC 9,39
FREEBOARD		+NB(FC) 6,29
WHALING SERVICE		REFITTED 8,34
2,42		B.S. 2,42
S.S. NWC. 2ND N°3 - 9,39		PR B.S 11,40
		T.S CL 6,40
CARRYING OIL FUEL IN BULK	FP	ABOVE 150°F
FITTED FOR OIL FUEL 5,15	FP	ABOVE 150°F

Particulars of Examination and Repairs (if any) DKG. & B.S.

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined —

Was a damage report made by anyone else? If so, by whom? —

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

" " Donkey " " " —

If this was not done, state for what reasons —

And what parts of the Boilers could not be thus thoroughly examined? —

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? —

State latest date of internal examination of each boiler FOR° CENTRE 18/11/42 FOR° P & S 23/11/42 AFT. P & S 27/11/42 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 220lb/sq. inch

Did the Surveyor examine the Safety Valves of Donkey Boiler? — To what pressure were they afterwards adjusted under steam? —

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? —

Did the Surveyor examine the drain plugs of the Main Boilers? —, and of the Donkey Boilers? —

Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? —

Has the screw shaft now been drawn and examined? No Is it fitted with continuous liner? — Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? —

Has shaft now been changed? — If so, state reasons —

Has the shaft now fitted been previously used? — Has it a continuous liner? — Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? —

State date of examination of Screw Shaft — State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft 1/8"

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or power fitted —

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? —

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? —

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done COMPLETE

NOW DONE.

Vessel placed in dry dock propeller, after end of stern tube and outside fastenings examined and found in good order FOR B.S. Main boilers examined internally and externally together with their safety valves mountings and doors and found or placed in good order. Oil fuel installation examined under working conditions and found in good order. Safety valves adjusted under steam to stated pressure

REPAIRS. FOR° S.B. BLR - 4 C.C. screwed stays renewed. AFT. PORT BLR. 6 C.C. screwed stays renewed

Minor repairs to boiler mountings also effected

Subject to the Press. Boilers not being used until surveyed

General Observations, Opinion, and Recommendation:— The machinery of this vessel

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC 140 lb., F.D., &c.) CS 3,34,

so far as now seen is in efficient condition and eligible in our opinion to remain as classed with fresh record of B.S 12.42 subject to Pressure boilers not to be used until surveyed

Survey Fee (per Section 29) B.S £ 6 : - : - Fees applied for 8 DEC 1942

Special Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me, 19

LICENCE CASE

Travelling expenses (if chargeable) £ : :

N. Russell & J.H. Sam

Engineer Surveyors to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 8 DEC 1942

Assigned B.S. 12.42 Subject

Insert Character of Ship and Machinery precisely as in the Register Book

Is a Certificate required? If so, to be sent to

Hunter.

Entirely to the Firm

BOILERS

not being used again until surveyed.

R.E.
16/12/62.