t. 9.

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

No. 1146

Date of writing Report April 9th 19 47. When handed in at Local Office 19 (Received at London Office 21 APR 1947)

No. in Book. Survey held at Malta Date. First Survey 19/2/47 Last Survey 9/4/47 19 (No. of Visits 4)

940 on the Machinery of the Wood, Iron or Steel SAN GIORG M"

nage { Gross	506	Vessel built at	Aberdeen	By whom	Hall Russel, Co Ltd
{ Net	373	Engines made at	Aberdeen	By whom	Hall Russel, Co Ltd
ominal se Power	93	Boilers, when made (Main)	1920	When	1944
of Main Boilers	Two	(Donkey)		When	1944
of Donkey Boilers		Owners	Colvin Bros Ltd	Owners' Address (if not already recorded in Appendix to Register Book.)	Malta
m Pressure— Main Boilers	180lb	Managers	Colvin Brothers Ltd	Port	Malta
Donkey Boilers		If Surveyed Afloat or in Dry Dock (State name of Dock.)	both in H.M Dockyard Malta	Voyage	Local Trading

t Report No. 1108 Port Malta

Particulars of Examination and Repairs (if any)

ical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be 1) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly narised at the end of the report. State also the dates and initials of any letters respecting this case ✓

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

damage report made by anyone else? If so, by whom? ✓

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

" Donkey " " " ✓

state for what reasons ✓ What parts of the Boilers could not be thus thoroughly examined? ✓

special means, in the absence of internal examination, were adopted by the eyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

atest date of internal examination of ~~each~~ boiler April 1st 1947 Present condition of funnel(s) Good

Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 180lb

Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓

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

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

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

screw shaft now been drawn and examined? No Has it a continuous liner? ✓ Is an approved oil retaining appliance fitted at the after end? No

ft now been changed? No If so, state reasons ✓ Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓

proved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft ✓ State the wear down in the bush ✓ Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓

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

rvey is not complete, state what arrangements have been made for its completion and what remains to be done Boiler survey complete

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

The boiler of this vessel has been examined internally and externally together with all mountings, doors and fastenings. As the boiler tubes had been giving trouble, several were cut for examination and found in bad condition. I Recommended a complete retubing of the plain tubes of the boiler. This was agreed to by the owner and carried at. When plain tubes had been withdrawn the stay tubes were scaled, examined and found in good condition. Boiler subsequently tested hydraulically to 270 lbs per sq in and afterwards examined under working conditions and the safety valves set to the above-stated pressure.

Main Engines The following work has been carried out:- All cylinders opened up, positions examined and units adjusted. H.P. Piston Valve examined (good). I.P valve face removed, together with valve machined-fitted & lined upon L.P. Valve, face examined (good). Air Pumps. Circulating Pumps, General Service Pump and Donkey Feed Pumps overhauled (good)

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
+ 100 A 1		
~~8,45~~ 6.46		~~Examined 8.45~~
S.S Alm 2 ua 03.728		+ L.M.C.
SS Alm 02.37		M.S 2.43; B.S. 4.46
bx'a 9.46		+NB made 20
C.B'o ust fitted		refitted 8.38
		CL 6.46

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

al Observations, Opinion, and Recommendation:—

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, BS 9,11, B&MS 9,11 ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.) CS 8,34,

The Machinery of this vessel is, in my opinion, in a satisfactory condition for Light Ice to remain as now classed with fresh Record of B.S. 4.47 made in the Old Book

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

ee (per Section 29) Boiler Survey £ 8 : - : -

mage or Repair Fee (if any) (per Section 29.) Survey of Repairs £ 31 : 10 : -

g expenses (if chargeable) £ - : - :

Fees applied for 19

Received by me, 19

ittee's Minute FRI. 13 JUN 1947

ed As now B.S. 4.47

Engineer Surveyor to Lloyd's Register of Shipping.

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