Rpt. 9.

No. 7872A

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

(Received at London Office 20 SEP 1949)

Date of writing Report 28-7- 1949 When handed in at Local Office ..... 19..... Port of Singapore

No. in Reg. Book. 5741 (B.C.) Survey held at Singapore Date. First Survey 19-7-49 Last Survey 22-7- 1949 (No. of Visits 4)

on the Machinery of the ~~XXXXXXXXX~~ Steel S.S. "HONG TAT"

Tonnage { Gross 394 / Net 112 } Vessel built at Hessle By whom Henry Scarr Ltd. When Year 45 Month 11

Nominal Horse Power 35 Engines made at Hull By whom Amos & Smith Ltd. When 45 11

Boilers, when made (Main) 11-45 (Donkey) -

No. of Main Boilers 1 Owners Ho Hong Steamship Co. (1932) Ltd. Owners' Address 65, Chulia Street, Singapore (if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers Nil Managers ..... Port Singapore Voyage E.I. Archipelago

Steam Pressure— in Main Boilers 200 in Donkey Boilers -

If Surveyed Afloat or in Dry Dock on Slip (State name of Dock.) Singapore Slipway & Engineering ~~Co. Ltd.~~

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 now expired.	Machinery and Boiler Surveys (including date of N.E., if any)
BS* (with		MBS* 11-45
freeboard. African		09 8.48.
Coasting Service)		
~~7-47~~ 8.50		Rltd fwd F
A S ~~7-47~~ 8.54		

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

Particulars of Examination and Repairs (if any) Boiler and Part Special Survey

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

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 19-7-49 Present condition of funnel (✓) Good

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 200 lbs.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? - 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? Not fitted, 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 Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

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

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft State the wear down in the stern bush 0.028" Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done (Engine parts, when referred to by numbers, should be counted from forward.) Pending. Remaining items of S.S.

The Boiler was opened up for Survey. All internal parts examined, and external where available, and found in good condition. All Mountings opened up, overhauled, and replaced in good order. Safety Valves set to open at 200 lbs. per sq. inch.

Main Engine completely opened up for Survey. Cylinders, Pistons, Piston Rings, Piston Rods, Connecting Rods, Top & Bottom-end Bearings, Crankpins, Main Bearings, and Crankshaft M.B. Journals found in good condition. M.E.D. Bilge, Feed, and Air Pumps opened up, and all parts found in order.

Thrust Shaft and Bearing, Pads & Collars in good order.

Independent Feed Pump opened up and placed in good order; bucket renewed.

Fan Engine opened up and placed in good order; Piston Valve renewed.

Circulating Pump & Engine opened up and placed in good order; Impeller Shaft renewed.

Propeller found in good condition. Tailshaft not drawn; bearing clearance 0.028".

All Sea Valves and Overboard Discharge Valves in Engine Room, opened up, ground in, examined, and replaced in good order.

General 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.)

The Boiler and Machinery examined were in good condition and eligible in my opinion to be retained in Class with the records Blr S.7-49, and MBS* with date when this survey has been completed.

Survey Fee (per Section 29) S$300-00

Special Damage or Repair Fee (if any) £ : :

Travelling expenses (if chargeable) £ : :

Fees applied for 19

Received by me, 19

Committee's Minute FRI. 11 NOV 1949

Assigned Blr. S 7.49

Asst. Engineer Surveyor to Lloyd's Register of Shipping.

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

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