

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

(Received at London Office)

Date of writing Report 1st Dec., 53. When handed in at Local Office 1st December, 53. Port of HONG KONG
No. in Survey held at HONG KONG Date. First Survey 26th Oct. Last Survey 12th Nov., 1953.
Reg. Book. 28572 on the Machinery of the M.S. "SUNETTA"

Tonnage { Gross 7965 Vessel built at Rotterdam By whom N.V. Rotterdam Droogd. Maats. When 1935 2
Net 4701 Engines made at Hengelo By whom Gebr. Stork & Co. When 1935
Nominal 720 MN Boilers, when made (Main) (Donkey) 1935
Horse Power No. of Main Boilers Owners N.V. Petroleum Mij. "La Corona" Owners' Address
No. of Donkey Boilers 1 Managers Port The Hague Voyage
Steam Pressure in Main Boilers 180 Lb. If Surveyed Afloat or in Dry Dock Both
in Donkey Boilers Taikoo Dockyard

ast Report No. Port DOCKING, D.B.S. & C.S.

Particulars of Examination and Repairs (if any) DOCKING, D.B.S. & C.S.
Periodical Surveys, when held, must be reported in detail and serially 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.

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

as 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?

Donkey Yes

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

That 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? Examined complete

State latest date of internal examination of each boiler 31-10-53 Present condition of funnel Good

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

Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam? 180 Lb. Sq. In.

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 Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end? No

Has the 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 3/16" 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

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

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

WORK DONE :- Vessel placed in dry dock. Propeller, after end of stern bush & all outside underwater fastenings examined & in good order. All underwater fittings opened, examined & found or now placed in good order.

Main Engines :- Opened, examined, found or now placed in good order & boxed up after minor repairs & running adjustments.

Nos.1 & 8 cylinder liners, covers, valves, pistons & rods.

Nos.3 & 6 crosshead journals & bearings, guide shoes & faces & connecting rods.

Nos.5, 6, 7, 8, 9 & 10 main bearings & crankshaft journals.

Attached jacket cooling water pump.

Attached piston cooling water pump.

Piston cooling water cooler (tested).

Lubricating oil cooler (tested).

(P. T. O.)

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 Machinery of this vessel, so far as now seen, is in good condition & eligible, in my opinion, to remain as classed with fresh record of D.B.S. 11,53 now & +LMC(CS) with date when the Machinery Continuous Survey Cycle has been completed.

Survey Fee (per Section 29) DBS \$160.00: C.S. \$200.00: Fees applied for 12/11/19 53.

Special Damage or Repair Fee (if any) £ : (per Section 29.)

Travelling expenses (if chargeable) \$ 33.00: Received by me, 19

Committee's Minute THURSDAY - 7 JAN 1954

Signed DBS 11.53

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

Foundation

Repairs :- Nos. 3 & 6 crosshead bearings - lower halves remetalled & refitted.
After section of crankshaft main bearings remetalled as necessary to
rectify excessive deflection readings. Deflection satisfactory & within close
limits upon completion.
Attached J.C.W. pump - new scrolls fitted.

Auxiliary Machinery:- Opened, examined & closed in good order after minor repairs and
running adjustments.

Stand by P.C.W. pump.
Steam driven generator engine.
Boiler fuel pumps (2 in No.) heaters & installation generally.
Forced draught fan (engine & impeller).
Circulating pump - steam engine entablature found repaired & now renewed
complete.
Windlass.

Donkey Boiler :- Opened, cleaned & examined internally & externally in its entire
including chocks & ties, manholes & fastenings & all mountings. General condition
found good & minor repairs as under only recommended & satisfactorily effected
this time.

Repairs - 4 new plain tubes renewed.
10 combustion chamber stays renewed.
13 combustion chamber lower wrapper plate rivets renewed.

- Boiler later examined under steam, found in all respects satisfactory
factory & safety valves adjusted to pressure stated.

This Boiler was also examined at this time on behalf of the
Dutch Government - Certificate A/C No. 2004 (Copy attached) issued.

Oil fuel installation, fuel unit, extended spindles, remote control
steam smothering etc. examined, tested & proved efficient.

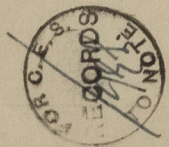
Lower Air Receiver :- Opened, cleaned & examined internally & externally in its entire
including manhole door & fastenings & all mountings. General condition found
no repairs recommended or effected at this time.

Interim Certificate "B1(CS)" issued - Copy attached.

*Donkey - Cl. Advanced
Donkey 1. 54 renewed
& minor repairs effected*

*It is submitted that this
vessel is eligible for THE
RECORD No. 4. 13*

*Don
11.54*



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