

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

30 OCT 1954

(Received at London Office)

NEWCASTLE-ON-TYNE.

Writing Report... 19... When handed in at Local Office 29 OCT 1954 19... Port of NEWCASTLE-ON-TYNE.

Survey held at South Shields Date First Survey 30 August 1954 Last Survey 20 October 1954 (No. of Visits 15)

on the Machinery of the Wood, Iron or Steel SS 'SOUTHERN VENTURER.'

ROSS 14418 Vessel built at Hewerton Hill-on-Tees By whom Furness S.B. Co. Ltd. When 1945 10
Net 7369 Engines made at Wallsend-on-Tyne By whom N.E. Marine Eng. Co. Ltd. When 1945
Rule 900 Boilers, when made (Main) 1945 (Donkey) ✓
Boilers 8 SB(Sp) Owners Sevilla Mailing Co. Ltd. Owners' Address ✓
Managers Chr. Salvesen & Co. Port Leith Voyage ✓
If Surveyed Afloat or in Dry Dock Both.
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Table with columns HULL and MACHINERY. HULL: BS*, 10-haling service, 9-53, SS. Skl. 10-53. MACHINERY: M. BS*, 7-53, Blv. S. 7-53, SPS. 10-53, CL. P 10-50, S. 9-53.

Port No. Port
Reasons of Examination and Repairs (if any) DR, COMP, BLS, P, TS, & SRL
Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the pairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides ed in the body of the report, should be briefly summarised at the end of the report. State also the dates and any letters respecting this case.

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.
Age report made by anyone else? If so, by whom?
Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
For what reasons?
What parts of the Boilers could not be thus thoroughly examined?

Internal 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?
Date of internal examination of each boiler
Surveyor examine the Safety Valves of the Main Boilers?
Surveyor examine the Safety Valves of the Donkey Boilers?
Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?
Surveyor examine the drain plugs of the Main Boilers?
Surveyor examine all the mountings of the Main Boilers?
Screw shaft now been drawn and examined?
Screw shaft now been changed?
Covered oil retaining appliance fitted at the after end?
Bush... Is electric light and power fitted?
Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.
Survey is not complete, state what arrangements have been made for its completion and what remains to be done.
Done for docking & P. TS:- Vessel placed in drydock, propellers (P2S) aft end of sternbrushes and outside fastenings of sea connections examined.
Sea cocks and valves opened out and examined.
Port screwshaft drawn in and examined, all found or placed in good order. Lower half of sternbrush renewed.
Done for completion Blv. S:- The forward starboard outboard boiler and the after starboard inboard boiler examined throughout together with their superheaters, de-superheaters, doors and fastenings and their safety valves afterwards adjusted under steam to the pressure stated. The OF and steam smothering and deck control tested.
Repairs:- all plain tubes of these two boilers renewed (Owners stock). The tube plates specially examined after removal of tubes and found - see follower.

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, etc.)

Machinery of this vessel as now seen is in efficient condition eligible in my opinion to remain now classed and have fresh record of Blv. S. 7-54, as previously recommended and without special condition regarding the steel fuel outboard blv. repairs, also notation of it screwshaft seen 9-54(C1).

Fee (per Section 23) Comp. Blv. S £12 0 0 P.T.S. £4 0 0
Repair Fee (per Section 23) £12 0 0
Other Add. CH. 18 0 0
Fees applied for, 29 OCT 1954
Received by me,
TUESDAY 6 NOV 1954

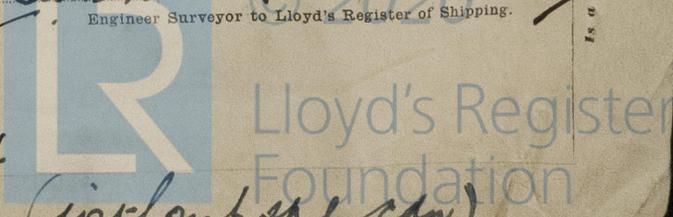
R.D. Sutherst R. Wilson W. Mann
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Deferred but assign Blv. S. 7.54 Port S 9.54 (inherent spl. chn)

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

13
0092732 - 00934 - 0094
4600 - 0094
22600

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



ntol:-

"SOUTHERN VENTURER"

- in good order.

Other minor repairs effected.

List:- Forward starboard outboard boiler:-

The inboard high furnace now renewed and satisfactorily fitted. The boiler hydraulically tested to WP and found tight. (See advice note dated 23/8/54 attached). It is submitted that the item re these repairs may now be deleted from the S.R. list.

TE. The Owners have, at this time fitted an additional sea water filter:- stamped:-

LLOYDS TEST.

JP.

No. 9516

550 LBS.

15.7-54

The filter, pipes, tee-pieces and change over valves fitted and tested in accordance with the Rules and left in good order.

R.P.S.

SURVEYOR TO LLOYD'S REGISTER.
NEWCASTLE-ON-TYNE.

© 2020

Lloyd's Register
Foundation

009232.009234.00942/3

S.S. "SOUTHERN VENTURER"

SURVEY OF ELECTRICAL INSTALLATION.

No. in Reg. Bk 78287 NAME OF VESSEL "Southern Venturer." (B.C.)

Capacity of Installation K.W. —

Nature of Survey Owners' Modifications and Additions.

No. of Visits 6 Where Surveyed Middle Dock South Shields.

Attended vessel & examined following additions made this time:

Helicopter Hangar & Associated Equipment.Motor flameproof lighting fittings & 'Walball' flameproof type switch sockets fitted in hangar
wired with LCAB cables from distribution board now fitted in new control station for^g of hangar.Electrically safe 'ATM' telephone also fitted in hangar. 5HP 'L.D.C.' 20.5 amp 220 volt flameproof petrol
pump motor fitted in steering gear flat & controlled by flameproof starter fitted outsidehangar. Motor supplied from Engine Room section box & cable = 71.044 V/LCAB. 0.2HP 1.1 amp 220 volt
with Blackeman exhaust fan motor fitted on after boat deck, wired with 31.036 V/LCAB cable
controlled from adjacent electrical store. Arrangements as per plan approved L.O.Order dated 7th July 1954. Motor/Alt^r/Gen^r. set & control gear for helicopter starting motor

a.c. testing equipment fitted in control station. All machines manufactured by 'L.D.C.'

with following nameplate particulars. Generator No. 31744, 1/2 hour rated, compd., BS168, 1954, 26 volts
10 amp, 1500 rpm, separately excited 220 v. field. Motor No. 31745 Cont. Compd. 1954, BS168, 220 v.1 amp, 14HP, 1500 rpm. Alternator No. 31746, Cont. BS168, 1954, 230 volts, 43.4 amp, 1500 rpm, 10 KVA,
3 cycles, 1 phase, 0.8 P.F. separately excited 220 volt field. Motor mains = 191.064 V/LCAB from aft.

starboard switchboard, generator & helicopter starting motor cable to junction box outside

hangar = 87.093 V/LCAB. Alternator main cables & supply to a.c. equipment in control

station = 71.064 V/LCAB. Other minor additions also carried out.

Work

Following additional motors fitted this time:

14HP Grinder, 14HP S.W. Circulating Pump, 3x8HP Drives, 1x4HP & 2x3HP Conveyors, 2x20HP separators

and 5x15HP Desludgers. Various other motors & their control gear were repositioned & cables

renewed as necessary. New motors supplied from existing circuit breakers or switches

or from new section boxes fitted this time. Other minor alterations also

carried out.

Essential Services.

Additional 4HP 220 volt Boiler Room Vent. Fan motor fitted. Motor cables = 71.044 V/LCAB

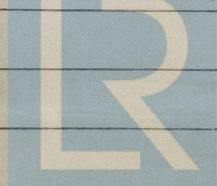
faner fitted in Boiler Room fiddle top with emergency stop in accommodation

wayway. Motor Test Certificate attached.

All cables and arrangements in accordance with Rule Requirements.

On completion, the above were examined and megger tested, motor/gen^r/alt^r set been running & all found satisfactory.

W. Morris

SURVEYOR TO LLOYD'S REGISTER
NEWCASTLE-ON-TYNE.

© 2020

Lloyd's Register
Foundation

009232 - 009234 - 0094 3/3