

(Received at London Office

Date of writing Report 7.8.42 10 When handed in at Local Office 5 10 Port of 1

22624 on the Machinery of the Wood, Iron or Steel TSMV DORSET Year. Month.

Engines made at W. H. L. & Co. Ltd. By whom W. H. L. & Co. Ltd.

No. of Main Boilers.	✓	Owners	Federal Steam Nav Co Ltd	Owners' Address	
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No. of Donkey Boilers	Managers	Particulars of Classification (which must be inserted
Steam Pressure—	112 lb. per sq. in. and	

in Donkey Boilers.	CHARACTER.	Machinery and Boiler
	X for Special Survey	Surveys

Particulars of Expenditure and Repairs (if any) CS. DBS. +100A1 10.41 +LMC.

(Periodical Surveys, when held, must be reported in detail, and the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on *With Hqd.* should be separated from Repairs due to other causes; and *8-38*

dates and initials of any letters respecting this case.

offered his services for this purpose, and why they were deemed	(found safe - del) ✓ income insured?			
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..... personally go inside each Main Boiler separately and make a thorough examination at this time?.....

Donkey

11 - continued -

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

State latest date of internal examination of each boiler.....

To what pressure were they afterwards adjusted under steam? *Not adjusted*

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

Did the Surveyor examine the drain plugs of the main boilers: *yes*

Is it fitted with continuous liner?	Is an approved appliance fitted at the after end of
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Has shaft now been changed?..... If so, state reasons.....

Has the shaft now fitted been previously used ☒ *no*

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

..... has 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

(N. 2. 1 * United Kingdom) :-

The machinery examined generally in fine condition. 11-27-21

ad. (See report attached to hull report). It is recommended

The propeller & pump of spring

C.S. Examined PORT Nos 1.2.4.7. + 8 and STARBOARD N: 1.2.3.7. Cylinders

OVER

(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

2. 11 CS 3, 34. * remain as closed with fresh records of

+ LMC, CS (with date) and DBS 1-42 82 Conf

at the nest - Dr. J. C. Perkins

Survey Fee (per Section 29)..... \$ 3.00

Received by me,

LICENCE OABE *one day* *7-9-51* *In 7A Findley & say*

Assigned: Defense in Completion Donkey Roker Survey

DORSET

C.S. continued.

Examine Port No 2 and 4, and Starboard No 2
Crossheads and top end bearings.

The Port AFT (No 2) Generator engine complete, with
all cylinders, pistons, ~~cores~~ scavenger cylinders & crankshaft.
(No 1, 2, 4 liners renewed on account of wear; stated
No 3, 5, 6 liners recently renewed).

The two piston-cooling & two jacket cooling, & the
lub. oil coolers.

The Steering engine (hull-shaft pump).

DBS.

The Donkey boilers surveyed throughout with doors &
mountings & found in good order.

Some rivets in bottoms seem caulked (7rd boiler).

To complete the survey the safety valves remain to be
adjusted & the oil-burning installation examined
under working conditions: at first opportunity.

C. Reed

Electrical Survey: - Examined main switchboard, sub-distribution, switchboards,
fittings, connections & wiring of all circuits including refrigerating, steering
gear & wireless.

Generators, and all service motors examined, insulation resistance

checked of all circuits, motors & generators & found satisfactory

All generators & motors run, main switches & circuit breakers & relays
& reverse circuit breakers satisfactory. Mains & distribution gear & wiring all

satisfactory & found in good order. A few minor defects noted & corrected.

Generators of 300 KW each & bus of 200 KW. Total 1100 KW.

Article

New C.S. & Part - DBS

Subject as recommended

7/11/20/8/20

OVER

C. Reed



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