

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

(Received at London Office)

Date of writing Report 27th Jan. 53

When handed in at Local Office 27th Jan. 53

Port of KIEL

Survey held at KIEL Date First Survey 10th December 52 Last Survey 14th January 53  
(No. of Visits 10)

The Machinery of the ~~M.V. "HUSVIK"~~ Steel M.V. "HUSVIK"

Year. Month.

6476 Vessel built at Glasgow By whom Barclay, Curle &amp; Co. Ltd. When 1930 11

3807 Engines made at Glasgow By whom Barclay, Curle &amp; Co. Ltd. When 1930

687 MN Boilers, when made (Main) 1930 (Donkey) 1930

Owners Skibs A/S Leiesten Owners' Address (if not already recorded in Appendix to Register Book.)

Managers A.C. Olsen Port Tönsberg Voyage

If Surveyed Afloat or in Dry Dock Howaldtswerke Kiel afloat  
(State name of Dock.) Howaldtswerke floating dock

Particulars of Classification (which must be inserted precisely as in Register Book &amp; 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 + LMC CS 11,50

5,52 DBS 5,52

ss S.fj.-11,50 TS(CL) 5,52

Carrying petroleum in bulk

Where the Surveyor has not made a special damage report he is required to state whether he offered his

this purpose, and why they were declined

Work made by anyone else? If so, by whom?

personally go inside each Main Boiler separately and make a thorough examination at this time? none

Donkey yes

What parts of the Boilers could not be thus thoroughly examined?

In the absence of internal examination, were adopted by the

donkey p.blr. 15.12.52, s.blr. 18.12.52

of internal examination of each boiler Present condition of funnel(s) good

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

examine the Safety Valves of the Donkey Boilers? yes To what pressure were they afterwards adjusted under steam? 120 lbs/□"

examine all the manholes, doors and their fastenings of the Main Boilers? yes

examine the drain plugs of the Main Boilers? yes

examine all the mountings of the Main Boilers? yes

Shaft now been drawn and examined? no Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

been changed? If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

oil retaining appliance fitted at the after end? State date of examination of Screw Shaft State the wear down in the

2.5 mm Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? no

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

When referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

not complete, state what arrangements have been made for its completion and what remains to be done C.S. case

Vessel placed in dry dock, propeller, aft end of stern bush and outside fastenings of sea

connections examined and found in good order.

The following machinery parts have now been opened out, examined and found or placed in good order:

M.E. - all cylinders, piston liners and transverse beams,

Auxiliary condenser tested,

L.O. and fresh water coolers.

P+S donkey boilers examined internally and externally together with their mountings, manholes,

doors and their fastenings. Safety valves adjusted under steam to the above stated pressure.

O.F. burning arrangements examined under working conditions and found in good order. Steam

smothering arrangement verified. Control rods checked.

P.T.O.

## 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 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 140 lb., FD, &c.)

CS 3,34

Machinery of this vessel, as far as now seen, is in good condition and eligible in my opinion to remain

classified with fresh records of DBS 1,53 now and \*LMC(CS) with date when the survey has been completed.

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

OIL ENGINES  
CONTINUOUS SURVEY.

6. Schamber  
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register  
Foundation

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**MACHINERY REPAIRS (Wear & Tear)**

All M.E. pistons dressed, piston rings partly renewed.  
Nos. 3+4 top transverse beam pins renewed.  
Auxiliary condenser lengthened by 300 mm, all tubes renewed (tested).  
A new Butterworth heater, built up by Howaldtswerke Kiel according to approved plan  
No. MR 3066 dated 8.12.52, has now been installed together with the necessary pipe lines  
and fittings (Kiel Cert. No. 437 attached.)

Sundry minor repairs effected.

Main and auxiliary machinery examined under working conditions on completion of repairs and  
found in good order.

**BOILER REPAIRS:**

S. boiler, 20 smoke tubes expanded, auxiliary feed water line renewed.

*Boatyard CL advanced  
MS. due 5.53 amended*

*It is submitted that this  
vessel is eligible for THE  
RECORD MS. 1.53*

*Jan  
19/2/53*



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