

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

(Received at London Office 25 AUG 1948)

Date of writing Report 22<sup>nd</sup> August 1948 When handed in at Local Office 19 Port of Nantes

Survey held at Brest Date. First Survey 13<sup>th</sup> July Last Survey 20<sup>th</sup> August 1948  
(No. of Visits 6)

on the Machinery of the Wood, Iron or Steel twin screw motor tanker "Krossfarn"

Gross 9323 Vessel built at Odenae By whom Odenae H. A. P. Möller When 1935 8  
 Net 5550 Engines made at Copenhagen By whom Burmeister & Wain C<sup>o</sup> When 1935 8  
 Main Boilers (Main) (Donkey) 1935  
 Owners Sold to Norway by French Government Owners' Address \_\_\_\_\_  
 Managers \_\_\_\_\_ Port Petroleum Trade  
 If Surveyed Afloat or in Dry Dock in Annual dry dock 1947  
 (State name of Dock.) \_\_\_\_\_

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.B., if any)
* 5.40		oil engine

Report No. \_\_\_\_\_ Port \_\_\_\_\_

## Particulars of Examination and Repairs (if any)

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, 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.

Where 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.

Damage report made by anyone else? If so, by whom? H. B. Mylchreest & Co

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Do Donkey Boilers? No

State for what reasons full of mud What parts of the Boilers could not be thus thoroughly examined? all inside

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? \_\_\_\_\_

Test date of internal examination of each boiler \_\_\_\_\_ Present condition of funnel (S) rusted - some damaged

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

Surveyor examine the Safety Valves of the Donkey Boilers? \_\_\_\_\_ To what pressure were they afterwards adjusted under steam? \_\_\_\_\_

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? \_\_\_\_\_, and of the Donkey Boilers? \_\_\_\_\_

Surveyor examine the drain plugs of the Main Boilers? \_\_\_\_\_, and of the Donkey Boilers? \_\_\_\_\_

Surveyor examine all the mountings of the Main Boilers? \_\_\_\_\_, and of the Donkey Boilers? \_\_\_\_\_

Screw shaft now been drawn and examined? No Has it a continuous liner? \_\_\_\_\_ Is an approved oil retaining appliance fitted at the after end? \_\_\_\_\_

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

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

Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? \_\_\_\_\_

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

Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Keel cut in two parts and sunk by enemy action in August 1944 - Both parts refloated in June 1948 and temporarily repaired in order to have the two parts separately towed from Brest to Kiel.

All main and auxiliary machinery rusted, full of mud and out of order -

board shaft broken and propeller missing. No pump in working condition -

both coolers very dirty, rusted and full of mud. All pipes and valves in bad condition -

two generators and equipment completely out of order -

two donkey Main motors and auxiliaries taken to pieces and many pieces cleaned and

sand, but not the totality owing to lack of time -

both coolers partly cleaned.

portable motor pump fitted in the stern part and 2 in the forward part with seducers in all bilges

& propeller taken off and shipped. Tail shaft stuffing boxes made watertight.

All sea connections blinded over by welded plates.

## General Observations, Opinion, and Recommendation:—

The totality of the main and auxiliary machinery

(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.)

This vessel, including the electricity, immersed during 4 years will have to be unshipped and

partly overhauled in shop and nothing of it can be used during the voyage in tow from

Brest to Kiel. Nevertheless, the two parts of the vessel can, in my opinion, be safely towed in

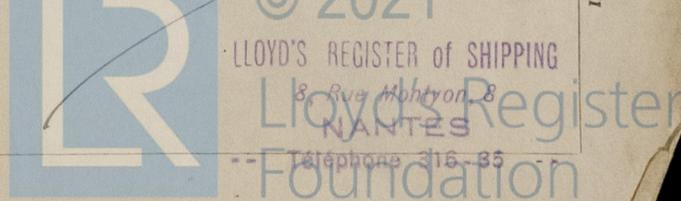
Brest to Kiel, separately and by calm sea

Fee (per Section 29) £ : :  
 Damage or Repair Fee (if any) £ 7.000  
 (per Section 29.)  
 Other expenses (if chargeable) £ : :  
 Fees applied for 21/8 1948  
 Received by me, \_\_\_\_\_  
 19 \_\_\_\_\_

FRI. 24 SEP 1948

Deferred

Engineer Surveyor to Lloyd's Register of Shipping.



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

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