No. 2542

t of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office 16 MAR 1936)

RETAIN

Report 24th Feb. 1936. When handed in at Local Office 19 Port of PORT NATAL

rvey held at PORT NATAL Date, First Survey 6th Feb. Last Survey 22nd Feb. 1936 (No. of Visits 8)

the Machinery of the [redacted] Steel SS. "NORDLAND"

6559 Vessel built at Kinghorn By whom Kinghorn S.B. Co. When 1921-5

2996 Engines made at Glasgow By whom J. Hamilton & Co. Ltd When 1921

278 Boilers, when made (Main) 1921 (Donkey) —

3 Owners Reederei Nordmark Owners' Address (if not already recorded in Appendix to Register Book.)

rs — Managers Port Hamburg Voyage Mozambique

00 0d — If Surveyed Afloat ~~or in Dry Dock~~ (State name of Dock.) Yes.

s —

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).
+100. A.1.		+L.M.C. 12.33.
11.34.		B.S. 6.35.
S.S. HAM. No 3-12.33		S.2.33. C.L.

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

No. Port

s of Examination and Repairs (if any) Damage

, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on e (the cause of which must be stated) should be separated from Repairs due to other causes; and lled in the body of the report, should be briefly summarised at the end of the report. State also the s of any letters respecting this case.

where the Surveyor has not made a special damage report he is required to state whether he vices for this purpose, and why they were declined Attached

port made by anyone else? If so, by whom? —

sonally go inside ~~each~~ CENTRE Main Boiler separately and make a thorough examination at this time? Yes

" Donkey " " " —

, state for what reasons? —

he Boilers could not be thus thoroughly examined? —

ans, in the absence of internal examination, were adopted by the himself of the thorough efficiency of those parts of each Boiler? —

internal examination of each boiler Centre Blr. 18/2/36 Present condition of funnel(s) —

nine the Safety Valves of the CENTRE Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 200 lbs.

amine the Safety Valves of Donkey Boiler? — To what pressure were they afterwards adjusted under steam? —

mine all the manholes, doors and their fastenings of the CENTRE Main Boilers? Yes, and of the Donkey Boilers? —

nine the drain plugs of the Main Boilers? —, and of the Donkey Boiler? —

nine all the mountings of the CENTRE Main Boilers? Yes, and of the Donkey Boiler? —

been drawn and examined? — Is it fitted with continuous liner? — Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? —

changed? — If so, state reasons —

tted been previously used? — Has it a continuous liner? — Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? —

tion of Screw Shaft — State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft —

hen referred to by numbers, should be counted from forward. Is electric light and/or power fitted? —

complete, state what arrangements have been made for its completion and what remains to be done Complete.

ge, stated to have been sustained on the 5th February 1936.
examination at this port 161 tubes of the Centre Boiler were
d to be badly distorted and overheated.
was recommended that all the distorted tubes be cut out and
ed, and all leaking tubes expanded.
was further recommended that the mountings of the Centre
be opened up for examination and all the boilers be
d up, cleaned and examined.
completion of the above repairs, the Centre Boiler was tested
draulic pressure to 235 lbs. and subsequently under steam with
tisfactory results.

bservations, Opinion, and Recommendation:— The machinery of this
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 ration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&N.S. 9,11, ✠ L.M.C. 9,11, or 140 lb., F.D., &c.)

is eligible in my opinion to remain as classed,
t fresh record of survey.

For. T. G. McClimy & Sons

C. H. Boyle

Engineer Surveyor to Lloyd's Register of Shipping.

ion 29) £ : :

or Repair Fee (if any) £18 : 18 : 0
ection 20.)

ses (if chargeable) £ 1 : 16 : 0

Fees applied for 21/2/1936

Received by me, 19

FRI. 27 MAR 1936

FRI. 12 JUN 1936

ee's Minute

As noted

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

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