

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

(Received at London Office

30 AUG 1933

Writing Report 22nd August 1933

When handed in at Local Office

28th Aug. 1933

in 33

Port of

Göthenburg

Size of ship

Survey held at

Göthenburg

Date, First Survey 20th July

Last Survey 22nd Aug. 1933

(No. of Visits 7)

on the Machinery of the Wood, Iron or Steel L. "KOSMOS"

Gross 17801

Net 11789

er } 988

n Boilers 5

ss Boilers 40

ssure- Boilers 250 lbs

ss Boilers 38-60 lbs

ss Boilers 2-65 lbs

Vessel built at Belfast

By whom Workman, Clark & Co.

When 1929-7

Engines made at Belfast

By whom Workman, Clark & Co.

When 1929

Boilers, when made (Main)

1929

(Donkey)

Owners Hvalfangeri Selskapet "Kosmos" Owners' Address

(if not already recorded in Appendix to Register Book.)

Managers A. Jahre

Port Sandefjord Voyage

If Surveyed Afloat or in Dry Dock

Both

(State name of Dock.)

Götawerken

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 A1		+ LMC 7.29
with freeboard		
8.32		
Whaling Service		
Strengthened for navigation in Ice.		
Carrying Petroleum in Bulk.		CL 8.32.
FITTED FOR OIL FUEL 7/29		
I.P. ABOVE 150° F.		

Report No. Port

Particulars of Examination and Repairs (if any) Part LMC & Pr. BS.

Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the repairs, 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 any detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

cases where the Surveyor has not made a special damage report he is required to state whether he has made 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? No

" Press Donkey " " Yes.

not done, state for what reasons? Main boilers not made ready for survey.

Parts of the Boilers could not be thus thoroughly examined? ✓

Special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of these parts of each Boiler? ✓

Date of internal examination of each boiler? Press during August 1933.

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

Surveyor examine the Safety Valves of Donkey Boiler? Press ✓ 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? Press ✓

Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boiler? Press ✓ None fitted

Surveyor examine all the mountings of the Main Boilers? ✓, and of the Donkey Boiler? Press ✓

Shaft now been drawn and examined? No 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? No

Shaft now been changed? No If so, state reasons ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Shaft now fitted 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? ✓

Examination of Screw Shaft ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft ✓

If not complete, state what arrangements have been made for its completion and what remains to be done. See below

The propeller, sea cocks and valves and fastenings of the sea connections examined.
The after I.P. cylinder, cover, piston and rod examined.
All press boilers examined in & externally with fittings and connections.

Repairs effected due to wear & tear.

The tips of the propeller blades which were corroded cut off and new tips welded on electrically.
The after I.P. cylinder liner which was worn renewed.
I.P. piston skimmed in lathe and rings renewed.
The I.P. piston rod packing gland renewed. P.T.O.

General Observations, Opinion, and Recommendation:—The machinery of this vessel is in good order and no 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, B.S. 9,11, B.A.M.S. 9,11, or L.M.C. 9,11, 140 lb., F.P., &c.)

Eligible in my opinion to remain as now classed in the Register Book and to have notation of Pr. BS 8.33 and when the survey is completed to have record of LMC 8.33.

Fee (per Section 29) £ 425.00
Damage or Repair Fee (if any) £ : :
Expenses (if chargeable) £ : :
Received by me, 11.9.1933

Committee's Minute TUE. 26 SEP 1933

Deferred

TUE. 12 DEC 1933
FRI. 28 SEP 1934
TUE. 16 OCT 1934

S. Berner
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 23 OCT 1934

FRI. 21 DEC 1934

FRI. 5 JUL 1935

TUE. 26 NOV 1935

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

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

The shell of 4 bone-press-boilers found thin in way of the chain driving the internal drum. In order to avoid the chain chafing the shell a box has been fitted on the shell under the chain and a hole taken up in the shell allowing free space for the chain as approved in London 14.8.33.

Plan submitted (except for bolts) as far as the repair is concerned alterations.

Four vertical press boilers have been removed and 2 horizontal bone and meat boilers fitted instead.

Marking of new boilers.

LLOYDS TEST 10 KG.

W P 4.5 KG.

P.B.R. 28.6.33 2 P.B.R. 22.6.33

Marking of receivers

LLOYDS TEST 160 LBS

W P 80 LBS

P.E. 6.6.33

The boilers and receivers have been made by Kampens Verkested, Oslo.

The mountings and pipe-connections of 26 vertical pressboilers have been renewed and altered to suit new arrangement of boiling.

The press boiler plant now consists of 26 vertical press boilers for 60 lbs.

8 horizontal " " " 60 " (rubber boilers)

4 " " " 60 " (bone meat boilers)

2 " " " 65 "

To complete LMC survey all the Rules requirements remain to be complied with except the examination of the above.

It was stated that the LMC survey will be completed before the expiration of the year of grace as approved in the Secretary's letter addressed to the Oslo Surveyors.