Rpt. 9.

No. 53024

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

(Received at London Office AUG -5 1939)

Date of writing Report 1st Aug. 1939, When handed in at Local Office 4th Augt. 1939 Port of CARDIFF

No. in Reg. Book. ~~78037~~ 28149 Survey held at Cardiff. Date, First Survey 6th July. Last Survey 29th July 1939 (No. of Visits 10)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. "Labud"

Tonnage { Gross 5334 / Net 3415

Nominal Horse Power 476

No. of Main Boilers 2

No. of Donkey Boilers 1

Steam Pressure— in Main Boilers 180lbs

in Donkey Boilers 100lbs

Vessel built at Port-Glasgow. By whom Wm Hamilton & Co Ld When 1918-7.

Engines made at Greenock By whom J. G. Kincaid & Co Ld When 1918.

Boilers, when made (Main) 1918. (Donkey) 1934.

Owners Jugoslavenska Plovidba D.D. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Susak. Voyage

If Surveyed Afloat or in Dry Dock (State name of Dock.) Mountstuart Dry Dock & Royal Dock

Last Report No. Port

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).
+100A1		+LMC 10-34
3-39.		M.B.S. 2-38.
SS Hpl No3. 8-31.		T.S.CL 5-37.
SS Shl No1-34.		
		NSB 34

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

Particulars of Examination and Repairs (if any) M.S. Compl B.S. T.S.

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

In damage 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 ✓

Was a damage report made by anyone else? If so, by whom? ✓

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

" " Donkey " " " No

If this was not done, state for what reasons? Boilers previously examined at Cardiff. see Cff Rpt 52846.

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also what 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? ✓

State latest date of internal examination of each boiler ✓ Present condition of funnel(s) good

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

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boilers? ✓

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

Has screw shaft now been drawn and examined? Yes. Is it fitted with continuous liner? Yes. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has shaft now been changed? No If so, state reasons ✓

Has the 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? ✓

State date of examination of Screw Shaft 6-7-39. State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft 5/32"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light ~~and/or power~~ fitted? Yes.

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? Yes.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

Now done:- Vessel placed in dry dock. propeller, sternbush and sea connection fastings examined. Sea Cocks & Valves opened out & examined. Propeller shaft drawn in and examined.
Examined Cylinders, pistons, slide valves, Crank, Thrust & intermediate shafting and bearings, pumps, Condenser (tested) Auxiliaries & pumping arrangements
Steam pipes over 3" tested @ 360lbs/□" hydraulic pressure. pipes removed for test.
Electric light installation examined and Megger tested. Dynamo engine tried under working conditions Governor tested. Windlass & steering Engine examined.
A new feed waterheater has now been fitted Marked Lloyds No N270 DRW. 27-4-39. all pipes & fittings tested as required by the Rules.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel is

(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, B.S. 9,11, B.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC 140 lb., F.D., &c.) CS 3,34,

eligible in my opinion to remain as classed and to have record of +LMC M.S. 7-39 substation of T.S. CL 7-39. and B.S. 3,39 as previously recommended.

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

Survey Fee (per Section 29) M.S.	£ 9 : 0 : 0	Fees applied for 4th Augt. 1939
Electric Light	1 0 0	
Special Damage or Repair Fee (if any) (per Section 29.)	£ : :	
Feed water heater	2 2 0.	Received by me, 12 8 1939
Travelling expenses (if chargeable)	£ : :	

Hamish McPatson. J. Pendrue
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI 25 AUG 1939

Assigned +LMC: MS 7.39
BS 3.39

CERTIFICATE WRITTEN

W982-0276 1/2

Rpt. 9a.

Port of Cardiff Continuation of Report No. 53024 dated 4th August 1939. on the

S.S. "Labud"

Compl. B.S. One stay tube in port main boiler renewed.

Repairs:- After main Engine feed pump ram renewed.
Weirs feed pumps. S & D Valves & Seats machined, bucket ring renewed, for'd pump. bucket rod renewed.
Dynamo Engine:- Valve spindle renewed, piston ring renewed.
Fan Engine:- Cylinder & Valve chamber bored out; new piston & slide Valve fitted, Valve spindle renewed. Piston rod skummed.
Electric Installation. Fore & main mast's part rewired, Saloon circuits through bunkers renewed, new Junction boxes fitted in bunkers.
Engineers Accommodation, Feeds for stbd side from Messroom renewed.
Engine room, Two lights & one plug rewired. Tunnel fwd lights renewed.

S.S. ko 2 due 8.39 now held on engines
B.D. due 2.39 Completed

It is submitted that
this vessel is eligible for
THE RECORD.

+due. ms 7.39
B.B. 3.39
S. 7.39

Hm
23. 8. 39

RETAIN

RETAIN