

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 27-11-31 When handed in at Local Office 27-11-31 Port of Copenhagen

No. in Reg. Book 31259 Survey held at Copenhagen Date, First Survey 30-10-1931 Last Survey 20-11-1931 (No. of Visits 10)

TONNAGE: GROSS 4612 UNDER DK. 4134 NET 2894 Built at Glasgow By whom W. Beardmore & Co When 1907-9 Owners H. A. Elfving Managers Owners' Address Port belonging to Hangö

Surveyed Afloat or in Dry Dock? Dry dock Name of Dock Burne & Wain Destined Voyage WB=CellDBorDBa feet; uE&B feet; f feet total capacity tons. FPT tons; APT tons; MT feet tons.

N.B.—All alterations in the existing records should be underlined. If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Report, No. 748 Port Hfs. 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. * 100 A 1 Shell dk. with fuelboard 12.30 SS Liv. No. 3-9.19 SS Aut. No. 2-28 Machinery and Boiler Surveys (including date of N.B., if any) * LMC 7.28 BS 12.30 Rail shaft seen: 9.29 Ch

Age cases where the Surveyor has not made a special damage report he is required to state whether he has rendered his services for this purpose and to whom and why they were declined. Society's Freeboard (if assigned) as painted on Ship and now verified 3 ft. 8 ins.

Was a damage report made by anyone else? If so, by whom? Yes. Damage & part 2nd SS No. 3

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage & part 2nd SS No. 3

Damage stated to have been sustained through: 1) grounding in Evessquind at Hangaför (Iceland) on the 25th July 1931 2) & 3) cause not known

How done: Vessel placed in dry dock, bottom & rudder cleaned, examined & recoated. Keelplate no. 17 renewed, keelplates nos. 16-18 taken out, faired & replaced incl. 4 double hull-shapes. 2 lengths of keel-bar taken out, faired & replaced. (ps) shellplates A 16 renewed, A 15 taken out, faired & replaced & B 16 faired in place. bottom frames taken out, faired & replaced & 3 bottom frames faired in place. P.T.O.

Table with 8 columns: TYPE OF DAMAGE REPAIRS, Shell Plates, Frames, R. Frames, Floors, Beams, Str. Plates, Dk. Plates, Other Items. Rows include Renewed, Removed and Faired or Repaired, Faired or Repaired in place.

Table with 2 columns: PART CONDITION OF THE, State if Tanks have been examined inside, Dblg. Plates under Sounding Pipes, Copper, or Y.M. of Wood Vessels, etc. Rows include Decks, Bulkheads, Ceiling, Cement, Rudder, Steering gear, Windlass, Pumps, Watertight Doors, Ventilators, etc.

General Observations, Opinion as to Class, Recommendation, &c.:-

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—"to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptND24, &c."

This vessel is eligible in my opinion to remain as classed in the Register Book and to have record of survey 11.31 and the notation of SS Cpn. 2nd No. 3 - 11.31 when the survey has been completed subject to rudder and gears being specially examined (E.W. repairs) next docking. The notes in the S.P.-list regarding indented bottom plating, length of cables, grounding and shell plating can now be deleted.

Fee (per Section 29) 400:00 Special Damage or Repair Fee (if any) 185:00 Travelling Expenses (if chargeable) 8:85 Received by me. S. Sandeman. Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 18 DEC 1931 Character Assigned Deferred for completion of 2nd SS No. 3 + L.M.C. 11-31 subject to S(N) 11-31. TU 16 AUG 1932 FRI. 7 JUL 1933 Lloyd's Register Foundation W69-0185

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(cont'd)

6 floors taken off, paired & replaced. 3 floors paired in place.
 centre girder paired in place; 2 lengths of angles for same taken
 paired & replaced. 5 side girders (intercostals) taken off, paired & replaced.
 4 lengths of bilge keel taken off, paired & replaced.
 (SS) 3 lengths of bilge keel taken off, paired & replaced.
 also rudder lifted and pulleys with bushes etc. overhauled.
 Steering gear with chain blocks, quadrant etc. overhauled.
 Copy of damage-report forwarded herewith.

2) (SS) shell plates B 3, 4 & 5 paired in place and a few rivets in same removed.
 3) (PS) shell plates I 8 & K 8 removed; frames in way paired in place
 Part 2nd SS No. 3:-

Vessel placed in dry dock, bottom & rudder cleaned, examined & recoated.
 The holds, peaks, chain locker, bunks, tween-decks, E & B spaces (above &
 below platforms) and accommodation spaces cleaned & examined.
 Ceiling removed as required by rules. The plating, framing and all ironwork
 sealed & coated as necessary.

Plating in way of side lights and ash-vents examined.
 Plating partly drilled (thickness given in drilling report forwarded herewith)
 and all bilges & limbers cleaned out & examined.

All D.B. and peak tanks water-tight according to rules and
 internally, except upper deck in way of wood deck aft.

The decks, cement anchors, cables, masts, wedges, spars, rigging, general
 equipment, hatchways (except shifting beams, wood fore & aft), ventilator examined.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:-

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX-STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested by Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower															
	2nd "															
	3rd "															
	Collective Weight.															
	Stream															
	Kedge															

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Rule.		Description.	Makers of Cables.	When and where tested by Superintendent.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.		Per Rule.		Length.	Diam.				
					Fathoms.	Inch.	Tons.	Tons.						Cwts.

Iron Stream Chain or Steel Wire...

and covers and E & B casings examined and found or made in good condition.
 The steering engine and its connections, the steering rods, chains, blocks, quadrant, steering gear, windlass, pumps, W.T. doors, air-c sounding and doubling plates under sounding pipes (except in all D.B. tanks) examined and found or placed in good and efficient condition.
 Freeboard verified.

Copy of repair report forwarded herewith.

To complete the 2nd SS No. 3:-

Shell-deck aft in way of wood deck, wood fore & aft, hatch covers, shifting be...

... of ... repairs to rudder ...
 ... as a ... repair:-
 ... air ducts doubled in way of aft end of no. 2 hatch.
 ... fore mast doubled in way of the old look-out box which has been removed.
 ... rudder chain stopper now removed and new foundation made of steel plates & angles now fitted.
 ... number of air-c sounding pipes & scupper pipes removed.
 ... 3 hold pillars in no. 1 hold taken out, repaired & refitted.
 ... as the handtop in way of 5 of these pillars had given way the
 ... handtops & floors in way of same paired in place; also these floors
 ... are now been fitted with a back bar & a vertical angle stud in way
 ... of the pillars and a heavy doubling plate has been attached on the
 ... handtop in way of each pillar.
 ... number of minor repairs effected.
 ... the shell plates in 1st & 2nd stabs below main deck sheer-stake on port side
 ... have been carefully examined & drilled for the full half length amidships
 ... and apart from I 8 which has now been removed no plate could be
 ... found to measure less than 9 1/2/20 of an inch.
 ... per special repair list:-
 ... the rudder gudgeons which have been electrically welded now examined &
 ... found satisfactory. Also the notes in the S.R.-list regarding indented
 ... bottom plating, length of chain cables, grounding & shell plating can now
 ... be deleted as these questions have been dealt with here and are now in
 ... order.

SS.

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