

# REPORT of SURVEY for REPAIR

Date of writing Report 19... When handed in at Local Office 12.5.1931 Port of GLASGOW

No. in Survey held at BOWLING. Date, First Survey 9th May Last (No. of Visits) 4

Reg. Book. 30343 on the Wood, Iron or Steel SCREW STEAMER "OPAL".

30327 TONNAGE - Built at ABERDEEN. By whom J. LEWIS & SONS LD.

GROSS 573 Owners W. ROBERTSON. Owners' Address (if not already recorded in Appendix)

UNDER DK. 393 Managers Port belonging to

NET 248

Surveyed Afloat or in Dry Dock? BOTH Name of Dock BOWLING. Destined Voyage

WB=CellDBorDBa feet; uE&B feet; f feet } Particulars of Classification precisely as in Register

total capacity tons. FPT tons; APT tons; MT feet tons. N.B.-All alterations in the existing records should be underlined.

Last Report, No. 51459 Port Glasgow

(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 summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported, the particulars should be clearly stated in the space provided on the back of this form. 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 to whom and why they were declined offered to Owners Society's Freeboard (if assigned) as painted on Ship and now verified

Was a damage report made by anyone else? If so, by whom? Underwritten not required.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Locking and Damage stated to have been caused by pounding on the ground whilst lying in DOUGLAS I.O.M. harbour on 2nd March 1931.

Vessel placed on slipway, bottom, stemplates and rudder cleaned, examined, found in good condition and repaired.

Hatchways, Ventilators and coverings examined

Deck and general equipment examined and found in order.

Freeboard margin checked.

(OVER)

SUMMARY OF DAMAGE REPAIRS :-	Shell Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :-
Renewed	2	5		5				Ridge keel partly renewed
Removed and Faired or Repaired	2			9				Rudder plate faired
Faired or Repaired in place	1							

PRESENT CONDITION OF THE		General Observations, Opinion as to Class, Recommendation, &c. :-	
Decks	Soak	State if Tanks have been examined inside	partly
Caulking of Decks	"	State if Tanks now tested	see over
Coamings	"	Bulkheads	"
Beams & Fastenings	"	Ceiling	Soak
Outside Plating	"	Cement or Asphalt (State which.)	Cement
Breasthooks	"	Rudder	Soak
Transoms	"	Steering gear and its connections	"
Frames	Soak	Windlass	"
Reverse Frames	"	Have Pumps now been examined and found efficient?	no
Longitudinals	"	Have Sluice Valves now been examined and found efficient?	no
Transverses	"	Have Watertight Doors now been examined and found efficient?	none
Floors	"	Have Ventilators and their Coamings been examined and found efficient?	no
Keelsons	"		
Stringers	"		
Inner Bottom Plating	"		
Dblg. Plates under Sounding Pipes	"	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."	
Engine Room Skylights	Soak	This vessel is eligible, in my opinion, to remain as now classed in the Register Book and to have fresh record of survey BWA 5.31 subject to stem and stem plating being repaired at Owners expense.	
Coal Bunkers, Open'gs, Lids, &c.	"		
Scuppers	"		
Cargo Hatchways	Soak		
Hatches	"		
Planking of Wood Vessels	"		
Caulking ditto	"		
Treenails ditto	"		
Breasthooks & Stemson ditto	"		
Transoms, Pointers, & Crutches ditto	"		
Timbers of Frame at openings ditto	"		
Ditto ditto at other places ditto	"		
Stringers, Clamps & Shelves ditto	"		
Salting ditto (State if examined.)	"		
Copper, or Y.M. of Wood Vessels (State if on Felt). When put on, Month Year			
Boats	Soak		
Masts, Yards, &c.	Soak		
Condition, how ascertained	free deck		
(State if wedges removed)	no		
Sails	"		
Equipment letter	h		
Anchors, No. of	3 B 15		
Cables (State if now ranged)	no		
length (on board) size	"		
Rule length	195 size 1 3/16		
Hawser & Warps	Soak		
Standing and Running Rigging	"		

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."

Survey Fee (per Section 29) £ 4 : 4 : Fees applied for 19 MAY 1931 Received by me. 29.5.1931

Committee's Minute GLASGOW 19 MAY 1931 TUE. 20 OCT 1931 Character Assigned 100 A1. } subject to 5.31. Cargo battens not fitted.



If so, is the Report sent now, or when will it be sent?

Mon 11.29 - Transfer Ink. (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Is Certificate required? If so, do so sent to

W645-0007

repairs effected.

Side. shell plates B8, B9 removed  
 " " " " A7, A8 removed, faired and replaced.  
 Keel plate W-10 faired in place.  
 3 solid floors removed  
 2 skeleton floors removed  
 3 solid floors faired in place and stiffened with vertical angles  
 5 frames removed  
 5 intercostal plates with shell and vertical angles removed  
 25 vertical angles connecting tank side brackets to margin plate removed  
 faired and replaced and 5 removed.  
 Port side. shell plate A7 removed, faired and replaced.  
 6 solid floors faired in place.  
 24 vertical angles connecting tank side brackets to margin plate  
 removed, faired and replaced and 5 removed.  
 a number of defective shell and tank top nuts removed.  
 4 pillar legs on tank top removed.  
 7 one peak and double bottom tanks tested as per Rule after repairs effected  
 Bilge keel on p + s sides partly removed and partly removed, faired & replaced  
 Rudder plate removed, faired and replaced.  
 Ceiling in holds and hatches partly removed.  
 Suction and air pipes to fore peak and double bottom tanks overhauled & partly  
 removed.  
 steering gear chains partly removed.

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 and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
	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 and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.			

The stem and stem plating damage mentioned in Special Resolutions has been examined and found efficient. The fore peak tank has also been tested by water pressure.  
 The Owners propose to repair this damage at a more convenient opportunity and this proposal is recommended for approval.

N.B.—If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.