

Rpt. 8.

(Received at London Office 16 DEC 1943)

No.

67830

## REPORT OF SURVEY FOR REPAIRS, &amp;c.

Date of writing Report 26<sup>TH</sup> NOV<sup>R</sup> 1943 When handed in at Local Office 4. 12. 43 Port of GLASGOW  
 No. in Survey held at BOWLING Date, First Survey 17<sup>TH</sup> NOV<sup>R</sup> Last Survey 25<sup>TH</sup> NOV<sup>R</sup> 1943  
 Reg. Book. on the Wood, Iron or Steel S.S. "EMERALD" (No. of Visits 3)

23230 TONNAGE: Built at PT. GLASGOW By whom A. RODGER & CO. When 1904 8  
 GROSS 806 Owners W.M. ROBERTSON Owners' Address  
 UNDER DK. 557 Managers Port belonging to GLASGOW  
 NET 351

Surveyed Afloat or in Dry Dock? ON SHIPWAY Name of Dock SCOTT'S, BOWLING Destined Voyage

Cell/Dor/Dk/Ba feet; uE & B feet; f feet  
 total capacity tons. FPT tons; APT tons; MT feet tons.

Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.

Last Report, No. 20930 Port L.H.

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and Items remaining to complete the Surveys should be summarised. 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 Yes. Not desired.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER * for Special Survey Date of last Survey and of Periodical Survey.	Machinery and Boiler Surveys (Including date of N.R., if any).
+ 100A1	+ LMC. 8.42.
10.42	+ N.B. 2.29
S.S. LON. 3 <sup>RD</sup> NO. 3.7.42.	T.S. C.L. N. 7.42.

CARGO BATTENS

NOT FITTED.

Society's Freeboard (if assigned) as 4 ft. 4½ ins.  
 painted on Ship and now verified

Was a damage report made by anyone else? if so, by whom? J. White Boyd.

REPAIRS, OR EXAMINATION AS PER RULE, FOR DAMAGE & DOCKING

DAMAGE N° 1 - stated to have been sustained through vessel colliding with S.S. "William L. Gandy" whilst coming alongside in Holy Loch, on 3<sup>RD</sup> October, 1943.

On examination on shipway - found. (all damage on starboard side)  
 Forward boat davit fractured, davit guide plate twisted, one boat deck beam & one T bar support bent, boat platform planks broken.

NOT DONE - PERMANENT REPAIRS.

Davit bar & guide plate renewed  
 Boat deck beam removed, faired & replaced.

(SEE PAGE 2)

SUMMARY OF DAMAGE REPAIRS :-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items :-
Renewed ...								
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks	good	Bulkheads	good in spaces exam <sup>d</sup>	Engine Room Skylights	good	Copper, or Y.M.	
Caulking of Decks	"	Ceiling	good	Coal Bunkers, Openings, Covers, &c.	"	(State if on Felt)	
Coamings	"	Cement on Deck	not examined	Oil Bunkers	"	When fitted, Month	Year
Beams & Fastenings	good in spaces exam <sup>d</sup>	Rudder	good	Scuppers	good	Boats	not examined
Outside Plating	efficient	Steering gear and its connections	"	Cargo Hatchways	"	Masts, Yards, &c.	good
" " In way of sidelights	not exam <sup>d</sup>	Windlass	"	Hatches	"	Condition, how ascertained	from deck
Frames	good in spaces exam <sup>d</sup>	Have pumps been examined and found efficient?	not examined	Planking		(State if wedges removed)	no
Reverse Frames	not examined	Have Sluice Valves been examined and found efficient?	not examined	Caulking		Equipment letter	to
Longitudinals		Have Watertight Doors been examined and found efficient?	not examined	Treenails		Anchors, No. of	2-1
Transverse		Have Ventilators and their Coamings been examined and found efficient?	yes	Breasthooks & Stemson		Cables (State if changed)	no
Floors	not examined	Air and Sounding Pipes	not examined	Transoms, Pointers & Crutches		" length 180 fms. mean diam.	
Keelsons		Doubling Plates under Sounding Pipes	not exam <sup>d</sup>	Timbers of Frame at openings		" Rule length 210 fms. size	
Stringers	good in spaces exam <sup>d</sup>			" at other places		Chain Locker	not examined
Inner Bottom Plating	not examined			Stringers, Clamps & Shelves		Hawsers & Warps	sufficient
Have the Tanks been examined internally?	no			Siding		Standing and Running Rigging	good
Have the Tanks been tested?	no			(State if examined.)		Sails	

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 classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1.38," or "to remain as classed and to have record of survey, 1.38, and the notations of ss No. 1.38."

This vessel as far as now seen is in an efficient condition & eligible in my opinion to remain as at present classed in the Register Book with fresh record of survey B.W.G. 11.43 subject to permanent repairs to bottom shell (p.+s. f.+a.) (grounding) at the first convenient opportunity.  
 (Bower anchor & 30 fms. cable to supply)

It is submitted that the summer freeboard recorded in the Register Book be amended to 4' 4½"

Survey Fee (per Section 29) £ : : Fees applied for, 14 DEC 1943  
 Special Damage or Repair Fee (if any) (per Sec. 29) £ 3 : 3 : 0  
 Travelling Expenses (if chargeable) £ : :  
 Second Surveyor's Fee (if any) £ : : LICENCE CASE

J. W. Bolwell.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute 14 DEC 1943 GLASGOW

Character Assigned 11.43 Bwg  
 S11.43 Subject  
 BS 11.43



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S.S. "EMERALD".

T bar support cropped, fayed + replaced.

Boat platform planking part renewed.

Nav + disturbed work re-coated.

DAMAGE N° 2 - stated to have been sustained through vessel grounding approximately 3 miles off Rathray Head whilst on a voyage from Clyde Anchorage to London, on 11<sup>th</sup> October, 1943.

On examination on slipway - found -

Port side - Shell A (garboard) N° 1 (from F) set up + torn at bottom landing.

N° 4 (from A) set up.

C strake N° 4 (from A) set up.

Bilge keel bulk plate buckled at aft end for approx. 10 ft.

Starboard side - Shell A (garboard) N° 3 (from A) set up.

N° 4 (from A) indented.

D strake N° 2 (from F) set in.

Bilge keel bulk plate buckled at fore end for approx. 4 ft.

NOW DONE - TEMPORARY REPAIRS -

A number of shell rivets renewed, others set up, + shell seams recaulked.

The Owners' Representative proposed to effect permanent repairs at the first convenient opportunity, + this proposal in my opinion merits favourable consideration.

DOCKING. -

NOW DONE - Vessel placed on slipway, bottom + rudder cleaned, examined, now efficient for the present, + recoated.

Decks, cranks, hatches, crammings, ventilators, etc. examined + found satisfactory.

Large holds, machinery space + crew spaces examined + found satisfactory.

Steering gear (rod + chain type) opened up for examination, chains annealed, sheaves, pins, etc. examined + found or made satisfactory.

Freeboard verified. Auxiliary steering gear examined + found satisfactory.

REPAIRS - WEAR & TEAR -

A number of shell rivets renewed.

Steering gear - 2 rod pins + 2 shackles renewed.

A number of repairs were carried out in connection with the A.S.I., held at this time.

Some minor voyage repairs have also been effected.

M.S.R. Licence N° R 6335 dated 4<sup>th</sup>, 16<sup>th</sup> + 18<sup>th</sup> November, 1943, has been supervised.

S.G. SPARES - 1 length of chain, 1 spring buffer + some spare shackles stated to be on board.

RECORD FOR REGISTER BOOK - The summer freeboard per L.H. Certificate is 4' 4 1/2" in lieu of 4' 5 1/4" as at present recorded in the Register Book. It is stated that a new freeboard was assigned at the last Special Survey.