

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 18. When handed in at Local Office 18. Port of London
 No. in Reg. Book. Survey held at London Date, First Survey Oct 15 Last Survey Nov 4 18 96
103 on the Wood, Iron or Steel SS. Urmskou Grange Master Bennett 96
 TONNAGE:— Built at Belfast By whom Workman Clark & Co When 1894-11
 GROSS 3444 Owners Houlder Bros & Co Port belonging to London
 UNDER DK. 3116 Owners' Address
 NET 2220 (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock Dry Dock Name of Dock Millwall Destined Voyage Buenos Ayres
 WB=Cell DBor DBa 86 feet; uE&B 44 feet; f 142 feet;
 total capacity 535 tons. FPT 20 tons; APT 36 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.

Last Survey, No. 11108 Port Lon Rpt.

(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, Chains, or Hawsers is reported, the particulars of weight or size and test of the articles should be clearly stated, and also the weight or size, &c., required by the Rules, together with the vessel's Equipment Letter, if any. State also the dates and initials of any letters respecting this case.)

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 since last survey.
 Machinery and Boiler Surveys (including State of N.B., if any).
+ 100A.1.
Spar Deck
5/96
+ RUC 11/94

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage.

This vessel was reported to have encountered severe weather & that the after end of Engine Seating worked. whilst on voyage home words The. Engine bearers were strengthened under the Low Pressure Cylinders by fitting two pairs of plate brackets with double angles between the longitudinal bearers. The engine & boiler room tank tested with water to light line

SUMMARY OF DAMAGE REPAIRS:—

	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ...	2	5	3					New Bowes Anchor
Faired or Repaired ...	4	3			2			
PRESENT CONDITION OF THE	Good							
Decks	Good							
Waterways	Good							
Coamings	Good							
Up'r Dk. Beams & Fastenings	Good							
Low'r Dk. Beams & Fastenings	Good							
Plating	Good							
Planking	Good							
Rivets or Treennails	Good							
Breasthooks & Stemson	Good							
Transoms, Pointers, & Crutches	Good							
Plates of Frame at the openings	Good							
Keelsons	Good							
Stringers, Cleats & Stitches	Good							
Ceiling	Good							
Cement on Deck	Good							
Tanks	Good							
Caulking of Bot'm, D'k, & Wat'rwys	Good							
Copper on Tank	Good							
When put on, Month	Good							
Rudder	Good							
Windlass & Capstan	Good							
Have Pumps now been examined and found efficient?	Good							
Have Sluice Valves now been examined and found efficient?	Good							
Have Watertight Doors now been examined and found efficient?	Good							
Dblg. Plates under Sounding Pipes	Good							
Engine Room Skylights	Good							
Coal Bunker, Open'gs, Lids, &c.	Good							
Scuppers	Good							
Cargo & Main H'tch'wys	Good							
Hatches	Good							
Boats	Good							
Masts, Yards, &c.	Good							
Condition, how ascertained	Good							
Sails	Good							
Equipment letter	Good							
Anchors, No. of	33-18-2K							
Cables (State if now ranged)	Good							
Rule length (per Table 22)	Good							
Hawsers & Warps	Good							
Standing & Running Rigging	Good							

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, 9,91" or "to remain as classed and to have record of survey, 9,91, and the notations of ss No. 1-91 and ptND91, &c."

This steamer now appears to be in a sound and efficient condition, eligible in my opinion to remain as classed without fresh record of survey. Lon 11/96

Office Fee (if chargeable) per Scale II., Sec. 27 £

Survey Fee (per Section 28) £

Special Damage or Repair Fee (if any) £

Travelling Expenses (if chargeable) £

Second Surveyor's Fee (if any) £

Committee's Minute

Character assigned

Fees applied for,

4/12 1896

Received by me,

11/12 96

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Surveyor to Lloyd's Register of British & Foreign Shipping.



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Lloyd's Register Foundation

LON711-0093 2

S.S. "Armstrong Grange"

On account of collision with the S.S. "Stuart" off Blackwall on ~~Dec~~ Oct 29th 1896, the following permanent repairs have been effected.

2 plates on Port Bow renewed & 3 faired or repaired; 3 plates on Starb bow faired; 5 frames & 3 reverse bars on Port bow renewed from below Main dk up; & 3 frames & 2 reverse bars faired in place; a double angle bar stringer fitted & riveted to the frames & reverse bars from the Stern to the collision B head on Port side in compensation for the somewhat short drift of buds on the new frames; both haule pipes renewed; 2 forecastle dk beams ~~renewed~~ repaired with part new; The Forecastle Berth & Linings &c on Port side renewed; Main & Forecastle decks recaulked for about 30 feet from the Stern. The Port Bow Anchor ^(2nd Power) renewed. Patent Cast Steel Shackles

N^o cert 30153 Old 1-9-96

Weight 46:2:14

Weight by Rule 46½ Tons

Proof strain 40.5-1.7

Mark 18-96 RWCTB 30153

(Signed) F. J. Wilford

(Supt)

on Port side abaft the Bridge dk, 1 Bulwark plate & rail taken off faired & replaced; 3 bulwark stanchions faired & repaired & temporarily fastened to the stringer plate by sap bolts. The stringer plate in way of these stanchions was badly set down, but owing to the space below being insulated & full of cargo, this will be dealt with on vessel's return. One riveted bridge berthing plate on Port side of Bridge dk will also be faired on vessel's return.

F. J. Wilford