

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report **18** When handed in at Local Office **18** Port of **London**
 No. in Survey held at **London** Date, First Survey **16-6-88** Last Survey **29-6-89**
 Reg. Book. **810** on the **Wood, Iron or Steel** **S.S. "Minnesota"** (No. of Visits) Master

TONNAGE:— Built at **Belfast** By whom **Harland & Wolff** When **1887** YEAR. MONTH.
 GROSS **3216** Owners **Atlantic Transp. Co. Ltd.** Port belonging to **London**
 UNDER DE. **2988** Owners' Address
 NET **2080** (If not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? **Dry Dock** Name of Dock **London G.D.** Destined Voyage **America**
 WB=CellDBorDBa feet; uE&B feet; J 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.

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

CHARACTER. **LOCAL** In red
 for Special Survey. **Shelter dk for cattle R.M.C.**
 Date of last Survey and of **with freeboard.**
 Periodical Surveys. **S.S. Lon No 3-5-94** **8.98**

Last Report, No. **60867** Port **Lon**
 Periodical Surveys, when held, must be reported in detail and serially 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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR **Special Survey No 1 Completion Vessel**
stated to have grounded, now repaired.

Vessel placed in dry dock, bottom examined cleaned and coated.
Holds peaks and bunkers cleared as required, cleaned and coated.

Ceiling lifted, double bottom tested as required and found satisfactory.
After peak tank tested. ceiling relaid part new. Remainder of bottom inside
ballast tanks examined, including E. & B. Space and found efficient. decks examined.
Chain cables ranged and with masts spars and general equipment ^{found} good and
sufficient. Hand pumps sluices and water tight doors efficient.

Now done—Wear & tear. bunker sides repaired and made efficient. No 2 ballast
tank repaired with four doubling plates, blugs riveted, 4 brackets renewed. 5 beam
pillars repaired and refitted, 4 orlop deck beams taken out, repaired and refitted

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	5	—	—	2	—	—	—	—
Removed and Faired or Repaired	—	3	—	1	—	—	—	—
Faired or Repaired in place	—	—	—	—	—	—	—	—

PRESENT CONDITION OF THE	Stringers	Engine Room Skylights	Boats
Good	Good	Good	Good
Decks	Inner Bottom Plating	Coal Bunkers, Open'gs, Lids, &c.	Masts, Yards, &c.
Caulking of Decks	State if Tanks now tested	Scuppers	Condition, how ascertained by inspection
Waterways	Bulkheads	Cargo Hatchways	(State if wedges removed Good)
Coamings	Ceiling	Hatches	Sails
Beams & Fastenings	Cement or Asphalt (State which.)	Planking of Wood Vessels	Equipment letter W
Outside Plating	Rudder	Treenails ditto	Anchors, No. of 3/3-15-14
Caulking of ditto	Windlass	Breasthooks & Stemson ditto	Cables (State if now ranged) not seen
Rivets	Have Pumps now been examined and found efficient?	Transoms, Pointers, & Crutches ditto	" length 300 size 2 1/2
Breasthooks & Crutches	Have Sluice Valves now been examined and found efficient?	Timbers of Frame at openings ditto	" (on board) 270 size 2 1/2
Transoms	Have Watertight Doors now been examined and found efficient?	Ditto ditto at other places ditto	" Rule length 270 size 2 1/2
Frames	Have Watertight Doors now been examined and found efficient?	Salting (State if examined.)	Hawsers & Warps Good
Reverse Frames	Have Watertight Doors now been examined and found efficient?	Copper, or Y.M. (State if on felt.)	Standing & Running Rigging
Floors	Have Watertight Doors now been examined and found efficient?	When put on, Month Year	
Keelsons	Dblng. Plates under Sounding Pipes		

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, 1,98," or "to remain as classed and to have record of survey, 1,98, and the notations of ss No. 1-98 and ptND98, &c."

This vessel being now in a good and efficient condition and having completed the requirements of S.S. No 1 is eligible in my opinion to remain as classed and to have record of survey 6.99. with notation S.S. No 1-99.

Office Fee (if chargeable) per Scale II, Sec. 27 £
 Survey Fee (per Section 28) £
 Special Damage or Repair Fee (if any) (per Sec. 28.) £
 Travelling Expenses (if chargeable) £
 Second Surveyor's Fee (if any) £

Fees applied for, **30/6** 18.99
 Received by me, **T. Shilstone**
 10/7/ 18.99
 Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute
 Character assigned **LOCAL Shelter dk. for cattle w. fbd.**
no. 1-99
At. No. 1-99
TUES. 4 JUL 1899
Lloyd's Register Foundation
Low 118-04322

S/S "Minnesota" continued.

and 8 new beam pillars fitted to same.

Now done in consequence of grounding.

On starboard side.

3 shell plates indented now taken out joined & replaced.

2 floors joined and replaced one floor joined in place.

83 frames joined in place.

On port side.

2 indented shell plates taken out joined & replaced.

Bilge keels now fitted of tee bar & bul-plate section. on owners account.

J. Shilstou.