

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 25th July 1899 When handed in at Local Office 18 Port of London
 No. in Sup Survey held at London Date, First Survey 1 Last Survey 21/7 1899
 Reg. Book 4 on the Wood, Iron or Steel S.S. "Norman" (ex "Albert Dumois") Master W. Hawthorn
 TONNAGE:—
 GROSS 1041 Built at Grangemouth By whom Grangemouth Dockyard Co. When 1891
 UNDER DE. Owners E. Hawthorn Port belonging to London
 NET 523 Owners' Address (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? Name of Dock London Dock Destined Voyage
WB=CellDBorDBa 35'-8" feet; uE&B 18'-4" feet; DBf 69'-8" feet;
total capacity 136 tons. FPT 28 tons; APT 38 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 Report, No. 100 A1 Port Class contemplated
 (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.)
 Society's Freeboard (if assigned) as painted on Ship and now verified 6 ft. 10 ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR classification, See Report No. 19754
chain cables have now been put on board this vessel as follows—

	Weight	Certificate Tested at
120 fathoms of $1\frac{1}{2}$ " stud link	131-3-12	18824 - LPH-N 6 th July/88 by D.G. Lewis
30 " " $1\frac{1}{2}$ " " "	35-2-12	6580 LPH-LW 1 st Feby/92, L.G. Perrins
30 " " $1\frac{1}{2}$ " " "	29-2-14	7980 LPH-LW 1 st Feby/97 "Thos Lindale
15 " " $1\frac{1}{2}$ " " "	15-0-21	8556 LPH-LW 1 st Feby/98 "Thos Lindale
15 " " $1\frac{1}{2}$ " " "	15-3-14	8558 LPH-LW 1 st Feby/98 "Thos Lindale

Total 210 fathoms Weight 228-0-17

Particulars of chain cable as required by rule:—
210 fathoms of $1\frac{1}{2}$ " stud-chain cable weight 203-0-18

SUMMARY OF DAMAGE REPAIRS:—		Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	...								
Removed and Fair'd or Repaired	...								
Fair'd or Repaired in place	...								

PRESENT CONDITION OF THE		Stringers	Engine Room Skylights	Boats
Decks	Inner Bottom Plating	State if Tanks now tested	Coal Bunkers, Open'gs, Lids, &c.	Masts, Yards, &c.
Caulking of Decks	Bulkheads	Ceiling	Scuppers	Condition, how ascertained
Waterways	Cement or Asphalt (State which.)	Rudder	Cargo Hatchways	(State if wedges removed)
Coamings	Windlass	Have Pumps now been examined and found efficient?	Hatches	Sails
Beams & Fastenings	Have Sluice Valves now been examined and found efficient?	Have Watertight Doors now been examined and found efficient?	Planking of above	Equipment letter
Outside Plating	Have Watertight Doors now been examined and found efficient?	Dblg. Plates under Sounding Pipes	Breasthooks & Stemson	Anchors, No. of
Caulking of ditto			Transoms, Pointers, & Crutches ditto	Cables (State if now ranged)
Rivets			Timbers of Frame at openings ditto	" length (on board) size
Breasthooks & Crutches			Ditto ditto at other places ditto	" Rule length (per Table 22) size
Transoms			Stringers, Clamps & Shelves ditto	Hawsers & Warps
Frames			Salting (State if examined.) ditto	Standing & Running Rigging
Reverse Frames			Copper, or Y.M. (State if on Felt.) ditto	
Floors			When put on, Month Year	
Keelsons				

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."
chain cables of suitable size & weight having now been put on board, this vessel is eligible in our opinion to be classed 100 A1 "Steel" Ironing Dk" with record of survey 7,99 and notation of S.S. Sld No 3-7-99-

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) £
 Committee's Minute
 Character assigned
 Fees applied for, 18.
 Received by me, 18.
 Thos Robertson
 Surveyor to Lloyd's Register of British & Foreign Shipping.
 FRI. 4 AUG 1899