

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 27th Dec 97 When handed in at Local Office 1897 Port of London
No. in Reg. Book 497 Survey held at London Date, First Survey 1st Dec 97 Last Survey 18th Dec 1897
on the Wood, Iron or Steel S. S. Minerva Master Belding
TONNAGE: Built at Stretton By whom H. S. Edwards & Co When 1888.3
GROSS 1588 Owners J. Stephens & Son Port belonging to London
UNDER DEK 1199 Owners' Address
NET 1012 (if not already recorded in Appendix to Register Book.)
Surveyed Afloat or in Dry Dock? Y Name of Dock Gilbury Destined Voyage

WB=CellDBorDBa feet; u&B feet; f feet; }
total capacity - tons. FPT - tons; APT - tons; MT - feet - tons. }
S.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. 18212 Port Sunderland

(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.)

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage through Brooming in the Baltic and
and stress of weather in voyage from Bremen to London.

Hull and bottom examined in dry dock; On the starboard side of flat
of bottom ten plates in A strake faired in place, six plates in B strake
removed, faired and refitted, and three other plates faired in place,
five plates in C strake removed, faired and refitted, and five other
plates faired in place, eight plates in D strake faired in place; On the
port side three plates in A strake faired in place, two plates in B strake
removed, faired and refitted, one plate in C strake removed, faired & refitted
and two plates in D strake faired in place; Ten frames in No. 1 Stow, nine frames
in No. 2, fourteen frames in No. 3, & ten frames in No. 4 Stow faired in place; Cement
in flat of bottom port removed; Rudder lifted, repaired & refitted, and steering
gear overhauled; One bulkhead plate removed, and one other plate repaired; The
Windlass & Steam winches repaired, also deck steam pipes and covers,
and the Bottom cleaned and recoated.

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed
Faired or Repaired ...	45	43	✓	1	✓	✓	✓	Bulkhead rails &c.

PRESENT CONDITION OF THE	Timbers of Frame at the openings	Rudder	Hatches
Decks <u>Good</u>	<u>Good</u>	<u>Good</u>	<u>Good</u>
Waterways <u>Good</u>	Keelsons <u>Good</u>	Windlass & Capstan <u>Good</u>	Boats <u>Good</u>
Coamings <u>Good</u>	Stringers, Clamps & Shells <u>Good</u>	Have Pumps now been examined and found efficient? <u>✓</u>	Masts, Yards, &c. <u>Good</u>
Up'r Dk. Beams & Fastenings <u>Good</u>	Selling (State if examined.) <u>Good</u>	Have Sluice Valves now been examined and found efficient? <u>✓</u>	Condition, how ascertained <u>from Ex</u>
Low'r Dk. Beams & Fastenings <u>Good</u>	Ceiling <u>Good</u>	Have Watertight Doors now been examined and found efficient? <u>✓</u>	(State if wedges removed <u>No</u>)
Plating <u>Good</u>	Cement on Asphalt (State which.) <u>Good</u>	Dblng. Plates under Sounding Pipes <u>✓</u>	Sails <u>Good</u>
Planking <u>Good</u>	Tanks (State if now tested.) <u>Good</u>	Engine Room Skylights <u>Good</u>	Equipment letter <u>9</u>
Rivets or Treenails <u>Good</u>	Caulking of Bot'm, D'k, & Wat'r'ys <u>Good</u>	Coal Bunker, Open'gs, Lids, &c. <u>Good</u>	Anchors, No. of <u>3 No. 1 & 1 No. 2</u>
Breasthooks & Stemson <u>Good</u>	Copper or F.M. (State if on Bell.) <u>Good</u>	Scuppers <u>Good</u>	Cables (State if now ranged) <u>No</u>
Transoms, Pointers, & Crutches <u>Good</u>	When put on, Month <u>Year</u>	Cargo & Main H'tch'w'ys <u>Good</u>	„ length (on board) <u>size</u>
			„ Rule length (per Table 22) <u>size</u>
			Hawsers & Warps <u>Good</u>
			Standing & Running Rigging <u>Good</u>

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 pND91, &c.”

This vessel is now in good and
efficient condition, and eligible to remain as Classed,
with record 2.97.

Office Fee (if chargeable) per Scale II., Sec. 27 £ : : Fees applied for, 2/3 18.97
Survey Fee (per Section 25) £ : : Received by me, J. M. Moverly
Special Damage or Repair Fee (if any) £ : :
Travelling Expenses (if chargeable) £ : :
Second Surveyor's Fee (if any) £ : :
Committee's Minute FRI. MAR 5 1897
Character assigned 100A