

REPORT of SURVEY for REPAIRS, &c.

No. 10440 Date of Writing Report 24 June 1891 Port of Glasgow Received in London Office, 25 JUN 1891

No. in Survey held at Glasgow Date, First Survey 6 March Last Survey 15 June 1891

on the Iron S.S. "City of Agra" Master W. M. Grime

TONNAGE:— NET 2133 Built at Glasgow By whom C. Connell & Co. When 1879 5

GROSS 3274 Owners George Smith & Sons Port belonging to Glasgow

UNDER DK. 3109 Owners' Address (if not already recorded in Appendix to Register Book.)

If Surveyed Afloat or in Dry Dock Both Name of Dock Govan & Queens Destined Voyage Calcutta

Length of Poop ft.: of Forecastle ft.: of Raised Or. Deck ft.: Moulded Depth ft. ins.

Last Survey, No. 9975 Port GLS B. 7/90 Classified S.S. No. 7-2-88 100A1 7.90

State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Society's Freeboard (if assigned) in Summer ft. ins.

as painted on Ship in Winter ft. ins.

PAIRS, OR EXAMINATION AS PER RULE, FOR Part S.S. No. 3. Repairs and Alterations.

Vessel placed in dry dock - bottom examined, found satisfactory and repainted. Chain cables ranged and examined. All ceiling removed in No. 1, 4 and 5 holds and in bunkers - floors, frames, keelsons, stringers &c. sealed and examined. Masts, spars and rigging examined.

Repairs - Twenty-eight feet 2½ in. ceiling renewed in No. 1 hold, forty feet in No. 4 and thirty-six feet in No. 5 hold. Present spare bunker hold (12 ft. long) laid with new ceiling and sparred with 6½" x 2½" pitch pine. All ceiling in Fore cross bunker renewed of 3" x 2½" pitch pine. All rigging renewed and stays to Fore and Main masts. Six new winches fitted. Ten floors in stokehold wasted now renewed; five reverse frames each side doubled from bilge keelson to bilge stringer in boiler space and reverse angles fitted to eight alternate frames between Main and Upper decks.

Several iron plates in Main deck, at sides of and before and abaft of Boiler hatchway, renewed of ¾" iron for a length of 15 ft. 6 ins.

Alterations - Engines tripled and, for accommodation of new engines, the seating

SENT CONDITION OF THE	Good	Blank (Bottom) & Counter	Good	Ceiling	Good	Boats	Good
Corways	"	Transoms or Rivets	"	Rudder	"	Masts, Yards, &c.	"
ings	"	Breasthooks & Stemson	"	Windlass & Capstan	"	Condition, how ascertained	By again
DK. Beams & Fastenings	"	Transoms, Pointers, & Crutches	"	Pumps	"	Sails	Good
r DK. Beams & Fastenings	"	Timbers of Frame at the openings	"	Cement (if Iron Ship)	"	Anchors No. of	3 B. 13 2 K.
sheers	"	Ditto ditto at other places	"	Caulking of Bot'm, D'k, & Wat'rways	"	Cables	300 fms. Good
strakes	"	Keelsons	"	Copper, or Y.M. (State if on Felt.)	✓	Hawsers & Warps	"
ties	"	Clamps & Shelves	✓	When put on	✓	Standing & Running Rigging	"
Room Skylights	"	Coal Bunker, Openings, Lids, &c.	"	Schoppers	Good	Cargo & Main Hatchways	Good
Hatches	"						

General Observations, Opinion as to Class, Recommendation, &c.: This vessel is in a good and efficient condition, eligible, in our opinion, to remain as classed with record of survey S.S. 6.91 and notation S.S. No. 3 deferred until completion of above.

Fee (if chargeable) per Scale I, Sec. 27... £ : : Fees applied for, 20/6/1891
 Fee (if chargeable) per Scale II, Sec. 27... £ : : Received by me, 20/6/1891
 Fee (per Section 28) £ 9 : 10 :
 on Damage, Fee (if any) (per Sec. 28) £ : :
 Scale (if required) to be sent as per margin £ : :
 ling Expenses (if chargeable) £ : :
 Surveyor's Fee (if any) £ : : 10 : :

Committee's Minute FRI 10 JUL 1891 FRI 15 JAN 1892 FRI 22 JAN 1892
 Character assigned Deferred for completion of survey
 11/7/91 + L. M. B. 6/91 + N. B. 4/91

S. S. "City of Agra"

seating was extended two feet forward. Two new boilers fitted in place of four as formerly, and the space (12 ft. in length) thereby saved now converted into a spare bunker hold. New bulkhead fitted 24 ft. aft of former spare bunker, and hatchways formed at Main and Upper decks 13 ft. 6 ins. x 9 ft. with iron coamings and 3½ ins. solid hatches on main deck and grating hatches on Upper deck. Upper and Bridge decks amidships, in way of these alterations renewed respectively of yellow pine and teak, and coamings & angles attaching same to deck plating at sides of Boiler hatchway on Upper deck partly renewed. Several iron stanchions fitted in this hold from top of tunnel (leading from Boiler space to spare bunker) to lower deck beams - tunnel being efficiently stiffened to receive same, and bulkhead additionally stiffened by means of gusset plates at stringers and by double angles on beams with brackets fitted midway between tie-plates and stringers. Bridge house enclosed at front by means of an iron bulkhead now fitted at fore end, with two doors 30 ins. wide for passages on both sides. Bridge house plating additionally stiffened with angles 5 x 3½ x ½ - thereby obtaining an average space of 2 ft. - and these attached by means of angles and brackets to Upper deck stringer and waterway. Steering gear house removed to after end of Engine room and casing of Engine room stiffened with T angle bars along both sides.

For completion of S. S. No 3. - Holds No 2 & 3 to be cleared, ceiling removed, and the various parts therein cleaned for examination

B. R. C.