

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 20 Dec 92 When handed in at Local Office is Port of Glasgow 20 DEC 1892

No. in Reg. Book Survey held at Ardrossan Date, First Survey 11 Nov 1892 Last Survey 23 Dec 1892 (No. of Visits 15) Master R. Smith

On the Iron Screw Steamer Ardabhan Built at Port Glasgow By whom H. Murray & Co When 1880. 6

TONNAGE: GROSS 1132 Owners Ardan S.S. Co. Ld. & Clarke & Service, Mgrs Port belonging to Glasgow UNDER DK. 923 NET 718 Owners' Address (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock 2 Ardrossan Name of Dock Eglinton Wet Dock Destined Voyage Guadaloupe

WB=DBa tons; f 234 tons; uE&B tons; CellDB tons; FPT 28 tons; APT 30 tons; MT tons. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey, No. 5387a Port SWV CHARACT. 100A.1 11.91 S.S. Gls No. 2. 88- B.S. 11.91 L.M.C. 8.88 Society's Freeboard (if assigned) as painted on Ship and now verified 1 ft 9 ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Part Special Survey No. 3. Vessel placed in dry dock, bottom sighted, cleaned, topsides sealed to light line and recoated. Rudder lifted and pintles rebushed; all close ceiling from top of tanks and in holds lifted. Sparring in holds and between decks removed; Iron work in holds sealed and repainted; lining in way of sidelights in after cabins taken down and plating sealed and painted; twenty-five frames and reverse frames unriveted, rust cleaned and re-riveted, one washed frame fitted with reverse frame angle, three broken frame angles fitted with doubling straps and two angle lug pieces renewed; six broken reverse frames cut and new pieces fitted, five lug pieces fitted to ends of half beams in way of main hatchway; rider plates fitted on lower deck beams 22' x 9 1/2" and 9' x 11 1/2" respectively; four hold stanchions straightened and riveted and

SUMMARY OF DAMAGE REPAIRS: Plates, Fairred or Repaired; Frames, ditto; Plates, Renewed; Frames, ditto; Other Repairs. PRESENT CONDITION OF THE Decks Good Transoms, Pointers, & Crutches Good Copper, or Y.M. Composition Paint Hatches Good Waterways Timber of Frame at the openings Boats Coamings Ditto ditto at other places Rudder Good Masts, Yards, &c. Up'r Dk. Beams & Fastenings Keelsons Windlass & Capstan Condition, how ascertained By exam? Low'r Dk. Beams & Fastenings Clamps, Shelves & Stringers Pumps Sails Good Anchors No. of 35, 15, 25 Cables, length 240 size 1 5/16 (State if now ranged Ranged) Plating Ceiling Cement Cement Tanks now tested Scuppers Hawers & Warps Good Rivets Caulking of Bot'm, D'k, & Wat'rw'ys Cargo & Main H'tchw'ys Standing & Running Rigging

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 vessel is now in good and efficient condition and eligible in our opinion to remain as classed, and on the completion of the S. Survey to be noted in the Register Book S. S. No. 3.

Office Fee (if chargeable) per Scale II, Sec. 27 £ : : Fees applied for, Survey Fee (per Section 28) £ 6 : 10 : 26/12/1892 Special Damage or Repair Fee (if any) (per Sec. 28.) £ : : Received by me, Travelling Expenses (if chargeable) £ 3 : 13 : 28/12/1892 Second Surveyor's Fee (if any) £ : 10 : £ : 10 :

Signature: C. Edwards J. Dodd Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute Character assigned Deferred for enquiry + L.M.C. 12.92 Computer of No. 3 Deferred Rpt. 14/8/93 record APT 30k. Rpt. 1/1/93 No. 3

In a Report also to be made on the repairs, and when, one if not, state whether, and when, one

N.B.—All alterations in the existing records should be underlined.

GLS 166-0335 (112)

S. S. "Ardanhan"

and tween deck ladder repaired; wood lining on top of tunnel removed in way of the hatchways & plating scaled, two patch plates fitted over fractures in tunnel plating. Fore peak tank cleaned out, iron work scaled and cement washed; Ballast tanks cleaned, cement where found defective now repaired. After peak tank cleaned out deck planks removed from top, additional strengthening now fitted in this Compartment by fore and aft double angle stringer $3 \times 3 \times \frac{7}{16}$ below beams, four angle stays of $5 \times 3 \frac{1}{2} \times \frac{7}{16}$ and four $9 \times \frac{3}{8}$ bulk stiffeners fitted to bulkhead in order to make this Compartment efficient to be noted as a tank in the Register Book. Capacity 30 tons. Each of the ballast tank compartments tested by water pressure and found satisfactory; Chain lockers cleared, cables ranged (240 fms $1 \frac{5}{16}$) a number of links restraded; main deck plating scaled and two strakes in way of the main hatchway on each side fitted with doubling plates $\frac{3}{8}$ " in thickness for a length of 38 feet, iron fore and afters in each hatch repaired; about 3000 feet of 6×2 " white pine sparring now renewed, masts and spars examined, ^{wedges lifted} fore-castle deck re-caulked, Raised quarter deck bored for thickness and found satisfactory, caulking tested and found good. The following spare sails and ropes now supplied:— upper topsail, fore trysail and staysail. Two coils of 90 fms each 5 " manila and one of 120 fms $3 \frac{1}{2}$ " manila rope.

To complete the requirements of S. S. No 3 the following remains to be done. Engine and Boiler spaces with bunkers and cabins amidships to be examined. This will be done before the end of June next as sanctioned by the Secretary's letter to Owners dated 28th Oct. 1892

C. J. H.