

## REPORT of SURVEY for REPAIRS, &amp;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 Mar 26 Last Survey Apr. 27 1896  
 Reg. Book. 104 on the Wood, Iron or Steel 3.5. "Harrison Crane" Master 'Bennett

TONNAGE:— Built at Belfast By whom Portman Park When 1894 11  
 GROSS 3444 Owners Double Bros Port belonging to London  
 UNDER DE. 3116  
 NET 2201 Owners' Address

Surveyed Afloat or in Dry Dock Afloat Name of Dock W. F. Dks Destined Voyage Antioch  
 W.B.=CellDBorDBa tons; uE&B tons; f tons; }  
 FPT tons; APT tons; MT tons. }

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

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.

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned Assured expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 AI 3 pas Dk 5-95		+LMC 1194

Last Survey, No. 626 Port Inel

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 ft. ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage, stated to have been caused by heavy weather &c. & by the engines vibrating heavily through loss of propeller blade. Engine sealing found damaged, defective rivets in same renewed & additional gussets fitted between the girders. Engine room tank cleaned out & examined & afterwards tested by water pressure. Forecastle & upper bridge decks recaulked. Steering gear rods &c overhauled. Capstan overhauled & made good. One saloon door renewed & one repaired. Fittings in saloon repaired & saloon repolished & painted where necessary; a number of small damages on the deck made good. One 3/4 wire & 2.6 Manila

SUMMARY OF DAMAGE REPAIRS :—		Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :—
Renewed ... ..									
Faired or Repaired ...									
PRESENT CONDITION OF THE		Timbers of Frame at the openings .....				Rudder.....			Hatches.....
Decks .....		Ditto ditto at other places.....				Windlass & Capstan .....			Boats.....
Waterways.....		Keelsons.....				Pumps.....			Masts, Yards, &c.....
Coamings .....		Stringers, Clamps & Shells.....				Sluice Valves.....			Condition, how ascertained..... (State if wedges removed)
Up'r Dk. Beams & Fastenings .....		Salting..... (State if examined.)				Watertight Doors .....			Sails.....
Low'r Dk. Beams & Fastenings.....		Ceiling.....				Ding. Plates under Sounding Pipes.....			Equipment letter.....
Plating.....		Cement or Asphalt..... (State which.)				Engine Room Skylights.....			Anchors, No. of.....
Planking.....		Tanks..... (State if new tested.)				Coal Bunker, Open'gs, Lids, &c.....			Cables (State if now ranged).....
Rivets or Treennails.....		Caulking of Bot'm, D'k, & Wat'rw'ys.....				Scuppers.....			„ length..... size
Breasthooks & Stemson .....		Copper, or Y.M. .... (State if on Felt.)				Cargo & Main H'tchw'ys.....			„ Rule length..... size
Transoms, Pointers, & Crutches.....		When put on, Month..... Year.....							Hawsers & Warps.....
									Standing & Running Rigging.....

## General Observations, Opinion as to Class, Recommendation, &amp;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, where seen, is now in good condition & eligible in our opinion, to remain as classed without fresh record of survey

Office Fee (if chargeable) per Scale II., Sec. 27 £ : : Fees applied for, 7/5/96  
 Survey Fee (per Section 28) £ : : Received by me, J. Puck Peene  
 Special Damage or Repair Fee (if any) £ 6 : 6 :  
 Travelling Expenses (if chargeable) £ 0 : 13 :  
 Second Surveyor's Fee (if any) £ 5 : 13 :  
 Committee's Minute FRI, MAY 8 1896  
 Character assigned Deferred for dry docking &c.

Surveyor to Lloyd's Register of British & Foreign Shipping.

TUES. JUN 2 1896

Lloyd's Register Foundation

LON 709 - 00172



Port of London

Continuation of Report No. 5642 dated THUR, MAY 7 1896 on the

348. 3.3 "Armstrong Gange"

hawsers & 7 Japaulins renewed.

The vessel is also stated to have grounded at Buenos Ayres in February last. She has proceeded to Newport, where she will be dry docked for examination of the bottom, & to have a new rudder fitted.

A. Buck-Keene