

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 15 When handed in at Local Office 15 Port of Glasgow
No. in Reg. Book 172 Survey held at Glasgow Date, First Survey 12th June 1895 Last Survey 20th June 1895
on the Wood, Iron or Steel Steamer "Mangara" Master James 25 (No. of Vessels)

TONNAGE: Built at Glasgow By whom A. Stephen & Son When 1889 MONTH 10
GROSS 178.4 Owners S. S. Mangara & Co. Ltd Port belonging to Glasgow
UNDER DECK 127.0 Owners' Address (MacLay & MacInyre)
NET 115.7 (if not already recorded in Appendix to Register Book.)
Surveyed Afloat or in Dry Dock? by the Name of Dock Meadowside Destined Voyage Bilbao
WB=Cellar Deck 351 tons; uE&B 34 tons; f 34 tons; }
FPT 34 tons; APT 34 tons; MT 34 tons. } Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

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 Survey, No. 13107 Port G

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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage sustained through grounding at Staten Island 5th March 1895 and by heavy weather on the 9th April 1895.

The flat keel plate at fore end of after hold set fair in place, the garboard plate immediately above same on both sides of vessel taken off, faired and replaced. rudder head repacked withignum vitae bushes. two new six inch and one seven inch hawseholes supplied.
Damage by heavy weather - the framing of engine room doorways repaired and stiffened by an angle iron; weather boarding of ridge beam part renewed

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Other Items:—
Renewed						<u>E. R. hawseholes, hawsers &c</u>
Faired or Repaired ...	<u>3</u>					
PRESENT CONDITION OF THE	Frames at the openings.	Rudder.	Hatches.			
Decks <u>faired</u>	Ditto ditto at other places <u>faired</u>	Windlass & Capstan <u>faired</u>	Boats <u>faired</u>			
Waterways <u>faired</u>	Keelsons <u>faired</u>	Pumps <u>faired</u>	Masts, Yards, &c. <u>faired</u>			
Coamings <u>faired</u>	Clamps, Shells & Stringers <u>faired</u>	Sluice Valves <u>faired</u>	Condition, how ascertained <u>from deck</u>			
Up'r Dk. Beams & Fastenings <u>faired</u>	Safety (State if examined.) <u>faired</u>	Watertight Doors <u>faired</u>	Sails <u>faired</u>			
Low'r Dk. Beams & Fastenings <u>faired</u>	Ceiling <u>faired</u>	Dblg. Plates under Sounding Pipes <u>faired</u>	Equipment letter <u>9.91</u>			
Plating <u>faired</u>	Cement <u>faired</u>	Engine Room Skylights <u>faired</u>	Anchors, No. of <u>3B-1S-2K</u>			
Planking <u>faired</u>	Tanks <u>faired</u>	Coal Bunker, Open'gs, Lids, &c. <u>faired</u>	Cables (State if now ranged) <u>no</u>			
Transverse Rivets <u>faired</u>	Caulking of Bot'm, D'k, & Wat'rw'ys <u>faired</u>	Souppers <u>faired</u>	" length size <u>faired</u>			
Breasthooks & Stemson <u>faired</u>	Copper <u>faired</u>	Cargo & Main H'tch'w'ys <u>faired</u>	" Rule length size <u>faired</u>			
Transoms, Pointers, & Crutches <u>faired</u>	When put on <u>Month</u> <u>Year</u>		Hawsers & Warps <u>faired</u>			
			Standing & Running Rigging <u>faired</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 ptND91, &c."

This vessel is in my opinion eligible to remain as classed and have record of survey 6.95

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) £
Fees applied for, 25/6/1895
Received by me, 26/6/1895
Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute 100.11
Character assigned Engin (M)
FRI 28 JUN 1895
Lloyd's Register
G7LS172-0233