

## REPORT of SURVEY for REPAIRS, &amp;c.

Date of writing Report 22<sup>nd</sup> May 1897 When handed in at Local Office 24<sup>th</sup> May 1897 Port of GlasgowNo. in Reg. Book 173 Survey held at Ardrossan Date, First Survey 2<sup>nd</sup> Last Survey 18<sup>th</sup> May 1897  
on the Wood, Iron or Steel S. S. "Mangara" Master George Clausen

## TONNAGE:-

Built at Glasgow By whom A. Stephen & Sons When 1859. 10  
GROSS 1784 Owners S. S. Mangara (C. (Lum) (MacLay & McIntyre) Port belonging to Glasgow  
UNDER DK. 1270 Owners' Address  
NET 1157 (if not already recorded in Appendix to Register Book.)

Surveyed Afloat or in Dry Dock? Afloat Name of Dock Ardrossan Dock Destined Voyage Bilbao

WB=Cell DBorDBa 208 feet; uE&B feet; f feet;  
total capacity tons. FPT tons; APT 34 tons; MT feet tons.

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. 15042 Port GLS

(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, &amp;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.

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KK KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ	Years A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KK KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ
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Society's Freeboard (if assigned) as painted on Ship and now verified } 1 ft. 6 ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Completion of S. S. H<sup>o</sup> 2, see transfer report No. 15042.

Now done:- The coal bunkers cleared, ceiling removed as required and vessel examined in way of bunkers, and in way of engine and boiler space, above double bottom; H<sup>o</sup> 3 tank also A.P.T. tested by water pressure as per Rules & found tight.

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 Good	Ditto ditto at other places possible	Windlass & Capstan do	Boats 340 do
Waterways	Keelsons	Have Pumps now been examined and found efficient? no	Masts, Yards, &c. do
Coamings do	Stringers, Clamps & Shells	Have Sluice Valves now been examined and found efficient? no	Condition, how ascertained from deck
Up'r Dk. Beams & Fastenings do	Salting (State if examined.)	Have Watertight Doors now been examined and found efficient? yes	(State if wedges removed no.)
Low'r Dk. Beams & Fastenings where possible	Ceiling	Dblg. Plates under Sounding Pipes	Sails reported do
Plating	Cement or Asphalt Cement	Engine Room Skylights Good	Equipment letter 9
Planking	Tanks 2 named above tested (State if now tested.)	Coal Bunker, Open'gs, Lids, &c. do	Anchors, No. of 6 do
Rivets or Treennails	Caulking of Bot'm, D'k, & Wat'rw'ys. hardly	Scuppers do	Cables (State if now ranged) no
Breasthooks & Stomson	Copper, or Y.M. (State if on Fell.)	Cargo & Main H'tch'w'ys. do	" length (on board) size
Transoms, Pointers, & Grutches	When put on, Month Year		" Rule length (per Table 22) size
			Hawsers & Warps Good
			Standing & Running Rigging do

## 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 is now in good and efficient condition and eligible in my opinion to remain as classed without fresh record of Survey; the remaining parts of S. S. H<sup>o</sup> 2 being now completed with, the same to be recorded.

Office Fee (if chargeable) per Scale II, Sec. 27	£	:	:	Fees applied for,
Survey Fee (per Section 28)	£	:	:	24.5.18.94
Special Damage or Repair Fee (if any) (per Sec. 28.)	£	:	:	Received by me,
Travelling Expenses (if chargeable)	£	:	:	24.5.18.94
Second Surveyor's Fee (if any)	£	:	:	

Committee's Minute FRI. 28 MAY 1897

Character assigned

100.41 as now  
S.S. H<sup>o</sup> 2. 9.91.

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



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GLS177-0368

In a Report also sent now on P's Machinery of the vessel, and when, one will be sent.

Rpt. 8.—205.—5000.—21/5/96.—Transfer Ink.  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Is Certificate required? If so to be sent to