

1st 2 Dks., R.Q. Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 15026.

TUES. APR 23 1907

State if Report is also sent on the Machinery of the Vessel *Yes*.  
Date of completion of Report *17<sup>th</sup> APRIL 1907.*

Received at London Office,

Port of *GREENOCK*

Date, First Survey *28<sup>th</sup> November 1906* Last Survey *13<sup>th</sup> APRIL 1907*

Survey held at *PORT GLASGOW*  
On the *STEEL SCREW STEAMER*

*"MAKAMBO"* (YARD N<sup>o</sup> 273)

Rig *SCHOONER*

TONNAGE under  
Tonnage Deck *757.95*  
Do. of Poop & Bridge *234.46*  
Do. of Raised Deck *✓*  
Dk. or Break *✓*  
Do. of Bridge House *✓*  
Do. of Forecastle *25.00*  
Do. of Houses on Deck *71.23*  
Do. of excess of Hatchways *9.60*  
Do. above Crown of *60.61*  
Engine Room *1158.85*  
Gross Tonnage *107.74*  
Less Crew Space *107.74*  
Less above Crown of *60.61*  
Engine Room *1158.85*  
TONNAGE FOR FEES *990.50*  
Less Engine Room *438.29*  
Less Navigation Spaces *15.60*  
+ LIGHT & AIR *536.81*  
+ REGISTER TONNAGE *60.61*  
as cut on Beam *597.22*

ONE OR TWO DECKED VESSEL.  
CLASS *100A1.*

Master *J. WILLIAMS*

Year of appointment *(1) As master in service of owner of present vessel: 1907*  
*(2) As master of this vessel: 1907*

Built at *PORT GLASGOW*

When built *1907* Launched *16<sup>th</sup> March 1907*

By whom built *THE CLYDE SHIPBLD<sup>g</sup> AND ENG<sup>g</sup> C<sup>o</sup> LTD.*

Owners *BURNS, PHILP & C<sup>o</sup> LTD.*

Managers *D<sup>o</sup> D<sup>o</sup>*  
(Where necessary to be entered in Reg. Book.)

Residence *SYDNEY*

Port belonging to *SYDNEY*

Half Breadth (moulded) *15.62*  
Depth from upper part of Keel to top of Main Deck Bms. *17.89*  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) *31.08*  
1st Number *64.59*  
Length on deck from after part of stem to fore part of stern post *208.81*  
2nd Number *13487.03*  
Proportions—Breadths to Length *6.68*  
Depths to Length—Main Deck to top of Keel *11.67*  
Destined Voyage *SYDNEY*

If Surveyed while Building, Afloat, or in Dry Dock *BUILT UNDER SPECIAL SURVEY.*

LENGTH on Deck as per Rule *208* Feet. *994* Inches.  
BREADTH—Moulded *31* Feet. *3* Inches.  
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *14* Feet. *11 1/4* Inches.  
No. of Decks with Flat laid *ONE*  
No. of Tiers of Beams *ONE*  
Dimensions of Ship per Register, Length, *210.3* breadth, *31.45* depth, *14.80* Moulded Depth, *17* ft. *3* ins. Round of Beam, Actual *7 3/4* ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>L</i> , <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships <i>6</i> <i>3</i> <i>9</i> <i>6</i> <i>3</i> <i>9</i>				KEEL, Bar or Side Plates depth and thickness <i>8" x 7/8"</i>			
Do. for $\frac{1}{2}$ at each end <i>6</i> <i>3</i> <i>8</i> <i>6</i> <i>3</i> <i>8</i>				STEM, moulding and thickness <i>7" x 2 1/4"</i>			
Do. in way of Double Bottoms at Solid Floors <i>3 1/2</i> <i>3</i> <i>7</i> <i>3 1/2</i> <i>3</i> <i>7</i>				STERN-POST for Rudder do. do. <i>7 1/4" x 4 3/4"</i>			
Spacing of Frames from centre to centre <i>23</i>				" for Propeller <i>5 1/4"</i>			
REVERSED FRAME, Angles <i>ON FLOORS</i> <i>3</i> <i>3</i> <i>7</i> <i>3</i> <i>3</i> <i>7</i>				MAIN PIECE of Rudder, diameter at head <i>4</i>			
DEEP FRAMING, depth of girder <i>6" B.A. FRAMING</i>				do. at heel <i>4</i>			
FLOORS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships <i>CELLULAR DOUBLE</i>				RUDDER, how constructed <i>FORGED IRON FRAME AND SINGLE PLATE</i>			
" in way of Engines and Boilers <i>BOTTOM</i>				Can the Rudder be unshipped afloat? <i>YES</i>			
" thickness at the ends of vessel				KEELSONS AND STRINGERS.			
" depth at $\frac{1}{2}$ the half breadth, as per Rule				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate			
" height extended at the Bilges				Rider Plate			
FLOORS & BRACKETS, in Cell Dble Bottoms <i>34 1/2</i> <i>6</i> <i>34 1/2</i> <i>6</i>				" Bulb Plate to Intercostal Keelson			
" state if flanged (top & bottom) <i>No</i>				" Horizontal Plates on Floors			
Spacing <i>23</i>				" Angles <i>CELLULAR DOUBLE</i>			
CENTRE GIRDER, in Double Bottom, depth and thickness <i>42 1/2</i> <i>8</i> <i>42 1/2</i> <i>8</i>				SIDE KEELSON, Angles			
" Angles, Top <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>				" Bulb or Plate above floors for lng. Intercostal Plate for length			
" Bottom <i>SIDE BARS FITTED</i>				" Attached to outside plating with Angle			
SIDE GIRDERS, number on each side & thickness <i>ONE</i> <i>6</i> <i>ONE</i> <i>6</i>				BILGE KEELSON, Angles			
" state if flanged (top & bottom) <i>No</i>				" Bulb or Plate above floors for lng. Intercostal Plate for length			
" Angles <i>3</i> <i>3</i> <i>7</i> <i>3</i> <i>3</i> <i>7</i>				" Attached to outside plating with Angle			
MARGIN PLATE, depth (exclusive of flange) and thickness <i>26</i> <i>7</i> <i>23</i> <i>7</i>				BILGE STRINGER Angles			
" Angles to Outside Plating <i>3 1/2</i> <i>3 1/2</i> <i>7</i> <i>3 1/2</i> <i>3 1/2</i> <i>7</i>				" Bulb Plate for lng. Intercostal Plate for length			
" Floors <i>3</i> <i>3</i> <i>7</i> <i>3</i> <i>3</i> <i>7</i>				" Attached to outside plating with Angle			
" Height of Floors at the Bilges <i>47 1/2</i>				SIDE STRINGERS Angles			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake <i>34</i> <i>8</i> <i>34</i> <i>8</i>				" Bulb or Intercostal Plate for FULL lng. Attached to outside plating with Angle			
" thickness in Engine and Boiler space <i>E=7/16; B=10/16</i>				Main and Raised Quarter Deck Stringer Plate, breadth and thickness <i>44</i> <i>9</i> <i>44</i> <i>9</i>			
" Remainder in Holds <i>64 7</i>				" Angle on ditto <i>3 1/2</i> <i>3 1/2</i> <i>8</i> <i>3 1/2</i> <i>3 1/2</i> <i>8</i>			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>7 1/2</i> <i>3</i> <i>11</i> <i>7 1/2</i> <i>3</i> <i>11</i>				" Tie Plates, outside Hatchways <i>4</i> <i>4</i> <i>9</i> <i>4</i> <i>4</i> <i>9</i>			
" Angles on Upper Edge <i>46</i>				" Diagonal Tie Plates on Bms., No. of Pairs <i>6-9</i>			
" Spacing <i>46</i>				" Main Dk* Iron or Steel for IN WAY OF EX. B. lng. R. Q. Dk* Iron or Steel for lng.			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <i>6</i> <i>3</i> <i>9</i> <i>6</i> <i>3</i> <i>9</i>				" Wood Deck, Material & thickness <i>P. PINE</i>			
" Angles on Upper Edge <i>46</i>				Lower Deck Stringer Plate, breadth and thickness <i>3 1/2</i> <i>3 1/2</i>			
" Spacing <i>46</i>				" Angles on ditto, No. Tie Plates, outside Hatchways			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb <i>SEE UNDER POOP</i>				" Deck* Material and thickness			
" Angles on Upper Edge <i>46</i>				Hold Stringer Plate			
" Spacing <i>46</i>				" Angles on ditto, No. Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb <i>6</i> <i>3</i> <i>9</i> <i>6</i> <i>3</i> <i>9</i>				" Deck, Material and thickness			
" Angles on Upper Edge <i>46</i>				Forecastle Deck Stringer Plate, brdth & thcknss <i>22</i> <i>6</i> <i>22</i> <i>6</i>			
" Spacing <i>46</i>				" Angle on ditto <i>3 1/2</i> <i>3 1/2</i> <i>7</i> <i>3 1/2</i> <i>3 1/2</i> <i>7</i>			
ILLARS, In 'tween Decks, Size and Spacing <i>2 1/4" DIA<sup>s</sup>, 46"</i> <i>2 1/4" DIA<sup>s</sup>, 46"</i>				" Tie Plates <i>9</i> <i>8-6</i> <i>9</i> <i>8-6</i>			
" Hold <i>3" D<sup>s</sup>, 46"</i> <i>3" D<sup>s</sup>, 46"</i>				" Deck, Material and thickness <i>P. PINE</i>			
" Quarter, 'tween Dks., " " <i>ONE, AS PER PROFILE</i>				W.T. BULKHEADS			
" in Hold <i>15</i> <i>7</i> <i>15</i> <i>7</i>				PARTITION			
WEB FRAMES, In Fore Body, No. and Spacing <i>ONE, AS PER PROFILE</i>				LONGITUDINAL			
" Brdth. & Thickness <i>15</i> <i>7</i> <i>15</i> <i>7</i>				Are the outside Plates doubled two spaces of Frames in length? <i>FITTED</i>			
WEB FRAMES, In After Body, No. and Spacing <i>ONE, AS PER PROFILE</i>				Are the Sluice Valves and Watertight Doors in efficient working order? <i>YES</i>			
" Brdth. & Thickness <i>15</i> <i>7</i> <i>15</i> <i>7</i>							
" No. of Side Stringers <i>ONE, AS PER PROFILE</i>							
" Size of Angles or Tee Bars to Web Frames <i>ONE, AS PER PROFILE</i>							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness <i>ONE, AS PER PROFILE</i>							

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					Double or Treble.				
Breadth.					Thickness.					Breadth.					Thickness.				
RIVETS 1 1/8" DIA. SPACED 5 1/2" APART					DOUBLE 1 1/2" DIA. SPACED 5 1/2" APART					DOUBLE 1 1/2" DIA. SPACED 5 1/2" APART					DOUBLE 1 1/2" DIA. SPACED 5 1/2" APART				
34					9					34					9				
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				
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					LL					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				
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					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				

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.: SIEMENS PROCESS

PLATES, ANGLES, ETC.: STEEL C<sup>o</sup> OF SCOTLAND; CALDERBANK.

Has the Steel been tested as required by the Rules YES.

FRAMES extend in one length from CENTRE LINE to MARGIN AND THENCE TO GUNWALE state if ordinary or joggled JOGGLED

REVERSED FRAMES on floors and frames extend from CENTRE LINE TO MARGIN. B.H. FRAMING. state if ordinary or joggled D<sup>e</sup>

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.		Number.	Size.	Seams.	Butts.
Fore	STEEL	56'-9"	18" x 1/2"	14" x 1/2"	12" x 3/4"	TWO	-	SINGLE	TRIPLE & DOUBLE
Main	D <sup>e</sup>	42'-0"	"	"	"	D <sup>e</sup>	-	D <sup>e</sup>	"
Mizen	"	"	"	"	"	"	-	"	"

Bowsprit

Topmasts, Yards and Remainder of Spars OF PINE.

Rigging, Material and Size, Shrouds G.W. 2 1/4" Stays G.W. 3 1/2"

Sails. ONE Suit of SCHOONERS' Sails and the following spare sails ✓

Equipment No. 15981 Letter M.

ANCHORS. Tonnage U.D. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
1217	1st Bower	25	3	14	-	-	-	25	10	1	7	25	2	0	BRITANNIC PAT.	SYKES & SON, CHADHEA 7-2-07 DUDLEY
1219	2nd "	24	1	12	-	-	-	24	4	0	7	25	2	0	D <sup>e</sup>	D <sup>e</sup> D <sup>e</sup> D <sup>e</sup> D <sup>e</sup>
1216	3rd "	24	1	14	-	-	-	24	1	3	14	22	0	0	D <sup>e</sup>	D <sup>e</sup> D <sup>e</sup> D <sup>e</sup> D <sup>e</sup>
	Collective weight	74	2	2				74	2	2		74	2	0		
1221	Stream	6	2	2	1	2	18	8	15	0	0	6	2	0	COMMON	D <sup>e</sup> D <sup>e</sup> D <sup>e</sup> D <sup>e</sup>
5142	Kedge	3	2	7	0	3	21	6	0	0	0	3	2	0	D <sup>e</sup>	OFF. 11-5-06 PENN.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.				
6637	210 1 1/2	40% 58% 10	246-0	0-242-0-5	210 1 1/2	STUD.	SYKES & SON, OFF. 4-2-07 PENN.	
	75 3 1/2	- 26	-	-	75 3 1/2	S.W.	NEWALL & SON.	

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Breaking Test of Steel Wire.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
6637	210 1 1/2	40% 58% 10	246-0	0-242-0-5	210 1 1/2	STUD.	SYKES & SON, OFF. 4-2-07 PENN.
	75 3 1/2	- 26	-	-	75 3 1/2	S.W.	NEWALL & SON.

Boats THREE LIFEBOATS & ONE OTHER

Pumps, Number FIVE H. PUMPS AND ONE TO FORE PEAK Diameter of Barrel 4 1/2" State whether they are in efficient working order YES

Windlass is EMERSON, WALKER & C<sup>o</sup> Capstan ✓

Engine Room Skylights.—How constructed? OF STEEL

What arrangements for deadlights in bad weather? STEEL FLAPS AND BULL'S EYES.

Coal Bunker Openings.—How constructed? FLUSH WITH DECK How are lids secured? DAYNET JOINTS Height above deck? FLUSH.

Number of Scuppers, and number and dimensions of Freeing Ports, &c. THREE SCUPPERS AND THREE WATER PORTS (31" x 18") EACH SIDE.

Ceiling in Holds, thickness and material PINE 2 1/2" Cargo Battens, thickness and material PINE 2"

Cargo Hatchways.—How formed? OF STEEL Hatches.—If strong and efficient? YES, SOLID.

State size No. 1 Hatch (Forward). 9'-7" x 11'-0" No. 2 Hatch 16'-3" x 11'-0" No. 3 Hatch 15'-4" x 11'-0" No. 4 Hatch ✓

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch. No. 2 & 3: ONE WEB. THREE FORE & AFTERS TO EACH HATCH.

No. of Breasthooks THREE No. of Crutches TWO DEEP FLOORS.

Bulwarks, height above deck and description PLATE 42" x 7/8" Main Rail and Stays, material and size B.A. 6" x 5" x 1/2"

The above is a correct description.

Builder's Signature (here only). GLYDE SHIPBUILDING & ENGINEERING CO. LIMITED, Surveyor's Signature David M. Anslan Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

(M) 17, OCT 1906; 2 APRIL 1907. (E) 7 NOV 1906.

Workmanship. Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED.

Is the riv