

Awning or Shelter Deck,

STEEL STEAMER.

No. 13816.

or Pt. Awning Deck

State if Report is also sent on the Machinery of the Vessel *No*

Port of *Leith* Date of completion of Report 16th October 1912 Received at London Office THU. OCT. 17. 1912
Survey held at *Grangemouth* Date, First Survey 5th February, 1912 Last Survey 1st October 1912
On the *S.S. "Cabo Mayor"* Rig *Fore & Aft Schooner*

TONNAGE under Tonnage Deck 1193.62
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 664.94
Total under Upper Dk. 1961.56
Do. of Poop
Do. of R. Qr. Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck 36.80
Do. of excess of Hatchways 7.14
Do. above Crown of Engine Room 36.64
Gross Tonnage 2042.20
Less Crew Space
Less above Crown of Engine Room 36.64
TONNAGE FOR FEES 2005.53
Less Engine Room 653.50
Less Navigation Spaces 32.92

CLASS 100A1 Awning Deck
Breadth (greatest moulded) 38.33
Depth at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 26.0
Deduct height of 'tween deck when this does not exceed 8ft. 4.45
Transverse Number 56.58
Length on deck from fore part of stem to after part of sternpost 265.0
Longitudinal Number 14993.4
Depth "d" at middle of length. See Secs. 2 & 13 7.92
Proportions, Depth to Length, Uppermost Continuous Deck at side to top of keel 10.19
" " Upper Deck at side to top of keel 14.52

Master
Year of Appointment (1) As Master in service of owner of present vessel: 1912
(2) As Master of this vessel: 1912
Built at Grangemouth
When built 1912 **Launched** 15th August 1912
By whom built The Greenock & Grangemouth S.S. Co.
Owners Messrs. Gbarra & Co.
Managers
(Where necessary to be entered in Reg. Book.)
Residence *Seville*
Port belonging to *Seville*

Register Tonnage 1355.48
as cut on Beam....

Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
265	0		38	4		26	Upper Deck Beams	16	11	Three	Three

Dimensions of Ship per Register, Length 265.2 breadth 38.5 depth 16.1 Awn. or Shelter Dk. Moulded depth, ft. 26. ins. 0.5 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 9 1/2 ins.
Upper Deck. Moulded depth, ft. 18. ins. 3 To Upper Dk.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or For L Bars, amidships 3 3 38 3 38						KEEL, Bar, depth and thickness Flat Plate Keel					
Do. in peaks (Ang. L.) 3 3 40 3 40						STEM, moulding and thickness 1/2 x 23/8 1/2 x 23/8					
Do. in way of Double Bottoms at Solid Floors at intermdt. Bkts. 3 3 32 3 32						STERN-POST for Rudder do. do. 6 3/4 x 5 1/2 6 3/4 x 5 1/2					
Spacing of Frames from centre to centre amidships from 2 24 24						RUDDER-A x D Table 22 88-1 x 1.82 160 34					
" length to collision bulkhead 24 24						" Main Piece, diameter at head 4 1/2 4 1/2					
REVERSED FRAME, Angles, on floors 3 x 3 x 32 3 x 3 x 32 85 42						" " " " at heel 4 4					
FRAMING, depth of girder						RUDDER, how constructed Forging single Plate 1 inch.					
FLOORS, depth and thickness of Floor Plate						Can the Rudder be unshipped afloat? Yes					
at mid-line for 1/2 length amidships						KEELSONS AND STRINGERS.					
" in way of Engine and Boiler spaces						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
FLOORS & BRACKETS, in Cell Dble Bottoms 35 x 32 85 42 35 x 32 85 42						" Rider Plate					
state if flanged (top & bottom) 24 24						" Flat Keel Plate Angles					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness 35 x 32 85 42 35 x 32 85 42						" Horizontal Plates on Floors					
" Angles, Top 3 x 3 x 32 3 x 3 x 32 85 42						" Angles or Bulb Angles					
" Bottom 4 4 50 4 4 50						SIDE KEELSONS, Number					
" to Floors 3 3 32 3 3 32						" Angles or Bulb Angles					
SIDE GIRDERS, number and thickness 0.1 32 85 42 0.1 32 85 42						" Plate above floors, for length					
" state if flanged (top & bottom) 3 3 32 3 3 32						" Intercoastal Plate, for length					
MARGIN PLATE, depth (exclusive of flange) and thickness 23 x 36 85 46 23 x 36 85 46						" Attached to outside plating with Angle					
" Angles to outside plating 3 3 36 3 3 36						BILGE KEELSON, Angles					
" to floors 3 3 32 3 3 32						" Intercoastal Plate, for length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 35 x 42 36 35 x 42 36						" Attached to outside plating with Angle					
" thickness in Engine and Boiler space 44 x 55 44 x 55						SIDE STRINGERS, Number 14 x 30 14 x 30					
" Remainder in Holds 34 x 32 34 x 32						" Angle (flange) 3 3 34 3 3 34					
BEAMS, Awng or Shltz Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 5 3 40 5 3 40						" Intercoastal Plate, for 2 x 2 85 lng. 3 3 34 3 3 34					
" Angles on upper edge Half beam 5 3 40 5 3 40						" Attached to outside plating with Angle 3 3 34 3 3 34					
" Spacing 24 24						Awning or Shelter Deck Stringer Plates, breadth and thickness 39 x 48 25 x 36 39 x 48 25 x 36					
BEAMS, Upper or Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 5 3 40 5 3 40						" Angle on ditto 4 x 4 48 4 x 4 48					
" Angles on upper edge Half beam 5 3 40 5 3 40						" Tie Plates, fore and aft, outside Hatchways					
" Spacing 24 24						" Deck * Iron or Steel, for full lng. 34 x 33 34 x 33					
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 9 5 60 9 5 60						" Wood Deck. Material & thickness 30 x 35 30 x 35					
" Angles on upper edge Half beam 9 5 48 9 5 48						Upper or Second Deck Stringer Plate, breadth and thickness 38 x 38 25 x 36 38 x 38 25 x 36					
" Spacing 48 48						" Angles on ditto, No. 3 3 36 3 3 36					
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb or Channel 5 3 40 5 3 40						" Tie Plates, outside Hatchways					
" Angles on upper edge 5 3 40 5 3 40						" Deck * Iron or Steel, for full lng. 30 x 25 30 x 25					
" Spacing 48 48						" Wood Deck. Material & thickness 30 x 25 30 x 25					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel 5 3 40 5 3 40						Third Deck Stringer Plates, br'dth & th'kns 42 x 36 25 x 36 42 x 36 25 x 36					
" Angles on upper edge 5 3 40 5 3 40						" Angles on ditto, No. 3 3 36 3 3 36					
" Spacing 48 48						" Tie Plates, outside Hatchways					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel 5 3 40 5 3 40						" Deck * Material and thickness 32 x 50 11 x 38 32 x 50 11 x 38					
" Angles on upper edge 5 3 40 5 3 40						Fourth and Fifth Deck Stringer Plate, breadth and thickness 42 x 36 25 x 36 42 x 36 25 x 36					
" Spacing 48 48						" Angles on ditto, No. 3 3 36 3 3 36					
PILLARS, In 'tween Deck, size and spacing 2 3/4 x 3 1/2 48 2 3/4 x 3 1/2 48						" Tie Plates, outside Hatchways					
" Hold 3 3/4 x 3 3/4 48 3 3/4 x 3 3/4 48						" Deck * Material and thickness 5 x 2 1/2 5 x 2 1/2					
" Quarter, 'tween Dks., " 3 3/4 x 3 3/4 48 3 3/4 x 3 3/4 48						Poop Deck Stringer Plate, breadth & thickness 24 x 34 24 x 34					
" in Hold 3 3/4 x 3 3/4 48 3 3/4 x 3 3/4 48						" Angles on ditto 3 x 3 34 3 x 3 34					
WEB FRAMES, In Fore Body, No. and spacing 5 3 52 5 3 52						" Tie Plates 8 x 34 8 x 34					
" No. of Side Stringers 5 3 52 5 3 52						" Deck. Material and thickness 5 x 2 1/2 5 x 2 1/2					
WEB FRAMES, In E. & B. Space, No. & spacing 5 3 52 5 3 52						Forecastle Deck Stringer Plate, br'dth & th'kns 24 x 34 24 x 34					
" br'dth. & thickness 5 3 52 5 3 52						" Angle on ditto 3 x 3 34 3 x 3 34					
WEB FRAMES, In After Body, No. and spacing 5 3 52 5 3 52						" Tie Plates 8 x 34 8 x 34					
" br'dth. & thickness 5 3 52 5 3 52						" Deck. Material and thickness 5 x 2 1/2 5 x 2 1/2					
BRACKET PLATES to Stringers between Web Frames, depth and thickness 5 3 52 5 3 52						Are the outside Plates doubled two spaces of Frames in length? Yes					
						Are the Plate Valves and Watertight Doors in efficient working order? Yes					

PLATING.														RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.											
		AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.					
		Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.				
		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.				
FLAT PLATE KEEL		43	58	56	56	43	48	Double	6	1	4	Double 1/2	1	3 1/2	-	-	14	5 L					
GARBOARD OR A STRAKE		58	50	50	50	58	50	"	5 1/2	1/8	3 1/2	"	5/8	3 1/8	-	-	12	"					
B "		"	"	42	50	"	"	"	"	"	"	"	"	"	-	-	"	"					
C "		"	"	50	50	"	"	"	"	"	"	"	"	"	-	-	"	"					
D "		"	52	46	"	"	52	"	"	"	"	"	"	"	-	-	"	"					
E "		52	"	44	"	52	52	"	"	"	"	"	"	"	-	-	9	"					
F "		58	"	42	"	58	"	"	"	"	"	"	"	"	-	-	12	"					
G "		54 1/2	"	44	42	54 1/2	"	"	"	"	"	"	"	"	-	-	12	"					
H "		54 1/2	50	40	40	54 1/2	50	"	"	"	"	"	"	"	-	-	9	"					
J "		54	"	40	50	54	"	"	"	"	"	"	"	"	-	-	"	"					
K "		42 1/2	56 x 50	"	"	42 1/2	56 x 50	"	"	"	"	"	"	"	-	-	10 1/2	9					
L "																							
M "																							
N "																							
O "																							
P "																							
Q "																							
R "																							
S "																							
DOUBLING OF FLAT PLATE KEEL																							
" OF SHEER STRAKES																							
(Length and Thickness)																							
POOP SIDES			40 x 34				40 x 34	Single	2 1/2	3/4	3	Double	3/4	2 1/2	-	-	5	5 L					
SHORT BRIDGE SIDES																							
FORECASTLE SIDES																							
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, Plating, &c. The Steel Company of Scotland Ltd.; The Lanarkshire Steel Co. Ltd.; Wm Beardmore & Co. Ltd.; The Glasgow Iron & Steel Co. Ltd.; Stewarts & Lloyds Ltd.; James Dunlop & Co. Ltd.; David Colville & Sons Ltd.														Awning or Shelter Deck Stringer Plate (Butts, Full riveted for 1/2 length amidship. Straps, single, double or overlapped for full length amidship. Second Deck Stringer Plate (Butts, Double riveted for full length amidship. Straps, single, or overlapped for full length amidship. Butts of Side Stringers riveted. Tie Plates Double riveted. Inner Bottom Plating, riveting of Edges Single Butts Double & L. Centre Girder Butts, Full riveted Keelson Butts, riveted. Frames, riveted through Plates with 1/8 in. Rivets, about 6/4 apart. Rivets, state whether Iron or Steel Iron									
Has the Steel been tested as required by the Rules? Yes														FRAMES extend in one length from Tank margin plate to Awning deck state if ordinary or joggled? joggled. REVERSED FRAMES on floors and frames extend from Centre girder to margin plate state if ordinary or joggled? joggled.									
MASTS, SPARS, &C.																							
LOWER MASTS....		Fore	Main	Mizen	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.									
							At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.								
					Steel	54' 9"	18 1/2 x 20	18 x 6	15 x 5	12 1/2 x 20	Two	-	-	2 1/2 Single	1/2 Full								
					"	"	"	18	15	12 1/2	"	-	-	"	"								
					"	"	"	"	"	"	"	-	-	"	"								
Bowsprit																							
Topmasts, Yards and Remainder of Spars Wood up to 12' pine																							
Rigging, Material and Size, Shrouds Steel wire 2 3/4																							
Sails, Two staysails & two topsails Suit of four Sails, and the following spare sails Stays Steel wire 3 1/2 x 3 1/4																							
EQUIPMENT No. 16495 LETTER 12 ANCHORS.																							
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.							
		Cwts.	qrs.	lbs.	Cwts.	q																	

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) 1912 January 23rd M; 23rd M; 24th M; 24th copy M; 31st M; February 5th M; 21st M; March 6th M; 6th E; April 12th M; May 16th M; August 8th E; 24th M; 24th M;

Workmanship. Are the butts of plating planed or otherwise fitted? *planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *a few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *The workmanship & materials are good under special survey and*

This vessel has been built in accordance with the approved plan of Midship Section forwarded to London on the 30th Sep. 1912 and in conformity with the Rules for the class contemplated.

The vessel has proceeded to Messrs Oschin & Co. Engineers, Hockley-on-Sea to receive machinery & fittings.

To complete the survey for classification the following remains to be done:—

Weatherlight door, Downton pump to be tested, pillars in engine & boiler room, casing & tunnel top to be painted & tunnel tested with water. Purveyors at Middlesbrough advised. Plan of Profile, forgings, pumping plan, lower deck webs in hatches & forging report enclosed. Captain's name, date of appointment &c. to be obtained. not yet appointed.

Arthur Vearse, Leith & Q. Report 12455, S. S. Cabo La Plata

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., ^{Roost} Bridge 52.0 ft., F'castle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *3 decks. Awaiting dk. iron F. Length. Upper dk. steel F. Length. 2nd deck wood 2 1/2" pine & tiers of beams.*

Official No. ☒; Signal Letters ☒ State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Paint & cement* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular system*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	88	134	Fore peak tank,		
Double bottom, under Engines and Boilers,	34	44	After peak tank,	12	32
Double bottom, if under Engines only,			Deep tank aft,		
Double bottom, if under Boilers only,			Deep tank forward,		
Double bottom, forward,	106	199	Other tanks, if fitted,		
Total capacity of double bottom		407	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. <i>945</i>	DATES of Surveys held while building	1912 February 5. March 18. 22. 26. 29. April 3. 4. 9. 16. 19. 22. May 3. 8. 10. 14. 16. 21. 29. June 4. 10. 14. 17. 19. 21. 25. July 2. 10. 24. 25. 31. August 4. 9. 13. 21. 26. 29. September 20. 24. October 1.
Date <i>25th January, 1912</i>		
No. <i>350</i> in builder's yard.		
Total No. of Visits <i>39</i>		

The amount of Entry Fee £ *5* : 0 : 0 Fees applied for, *16/10/1912*

Special £ *45* : 3 : 0 Received by me, *18.10.1912*

Travelling Expenses, if any £ *8* : 15 : 0

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *+100 A1 Awaiting DR (L.A.C.P.)*

With, or without Freeboard, as condition of Class *With*

Certificate to be sent to *Leith* Hull & Leith 29/1/12
Machinery to Hull & Leith 30/1/12

W. Anderson
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. NOV. 1-1912*

Character assigned *100 A1*
await dk with fld.

Leith ASDP + LMB 1012

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