

STEEL STEAMER or MOTORSHIP.

12 SEP 1935

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *9 September 1935*Port of *Leith*No. *18899*Survey held at *Burntisland*Date First Survey *8 January 1935*Last Survey *3rd September 1935*

On the (State if Machinery fitted Aft and

(if Single, Twin or Triple Screw)

Steel single screw steamer, AURETTA

(machinery amidships)

State Type (Full scantling, Complete Superstructure

with or without Tonnage Openings)

*Continuous superstructure Tonnage*State Type of Erections *C.S.S. with Focle*

TONNAGE under 4244.74

CLASS *T100A1*

WITH FREEBOARD

State if with freeboard

as condition of Class

Built at *Burntisland*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 402.0

Launched *18/6/35* Yard No. *186*

Total 4244.74

Breadth (greatest moulded) B 55.06

Builders *The Burntisland S.B. Co. Ltd.*

Gross Tonnage 4563.75

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 27.625

Owners *Galpean Shipping Co. Ltd.*

Net Tonnage 2765.61

1st Longitudinal Number (L x D) = 14320

Managers

2nd Numeral L x (B + D) = 36700

(Where necessary to be entered in Reg. Book.)

STERED DIMENSIONS.

FEET.

412.0

56.0

25.15

Framing Depth "d," at middle of length. See Sec. 3 (1d)

23.75

Residence *Gibraltar*

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.287

Port of Registry *Gibraltar*

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Draught Moulded

24'-9 3/8"

While building & afloat.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Spacing amidships	30 ✓		Bracket Floors, Frame	L 6 3/2 .36	
" from 3/4 length to Collision bulkhead	27 ✓		" " Reversed Frame	L 5 1/2 3 .36	
" in peaks	24 ✓		" " Vertical Struts	L 8 3/4 3 1/2 .42	
FRAMING.			Centre Girder, depth and thickness amidships	42 1/2 .53	
Amidships, Angle, E or L	12 3 1/2 .52 ✓		" " top Angles	double 3 1/2 3 1/2 .47	
(+6 in cross member)	2 1/4 11 1/4 ✓		" " bottom Angles	6 6 .53	
" Extends up to			Side Girders, No. each side and thickness	one .37	
Reversed Frame Amidships, Angle	✓		Margin Plate depth (excl. of flange) and thickness	39 .53	
" Extends up to	✓		" " Vertical Angle to Tank side	double 3 1/2 3 1/2 .46	
of Framing Girder	12 ✓		" " Bracket abaft 1/2 len. from stem	double 3 1/2 3 1/2 .46	
Spaces in Uppermost Continuous 'tween	7 3 1/2 .34 ✓		" " Vertical Angle to Tank side	double 3 1/2 3 1/2 .46	
Decks, Angle, E or L	on alternate main frames		" " Bracket forward 1/2 len. from stem	double 3 1/2 3 1/2 .46	
" Second 'tween Decks, Angle, E or L	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	Every frame 3 1/2 x 3 1/2 x 36 in after 4th up in plate gusset fitted	
" Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	continuous plate 41	
Spacing in Peaks, Angle, E or L	7 1/2 3 .36 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	6-4	
Center and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 3/4 c 10 ✓		INNER BOTTOM PLATING.		
If Frame Joggled	yes		Breadth and thickness of Middle Line Strake	7 1/8 x 49 5/16 .42	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	12 3 1/2 .55 (Note: There is no shear in 2nd 7 1/2 ft. forward.)		Thickness of remainder in Holds	43 5/16 .39	
STRENGTHENING OF BOTTOM FOR PLATING. State Particulars	27" apart		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	yes	
DOUBLE BOTTOM.			BEAMS.		
Spaces, Depth and thickness at mid-line in Holds	12 3 1/2 .55		Uppermost Continuous Deck, amidships	7 3 1/2 .31	
Height of Brackets at side above base line at toe of frame	27" apart		" " in Wells, Angle, E or L	9 3 1/2 .38	
Line Keelson, on Floors, Angles, E or L	7 3 1/2 .34		" " in way of Bridge, Angle, E or L	every frame	
" " Through Plate or Intercoastal Plate	7 3 1/2 .34		Second Deck, amidships, Angle, E or L	7 3 .39	
" " Foundation Plate on Floors	7 3 1/2 .34		Spacing	every frame	
" " Flat Plate Keel Angles	7 3 1/2 .34		Third Deck, amidships, Angle, E or L		
Keelsons, No. each side			Spacing		
" thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or L		
" Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or L		
Solid Floors, thickness and spacing	41. 90" apart		Spacing		
" " Are Frame and Reversed Frame joggled?	yes		Bridge Deck, Angle, E or L		
Bracket Floors, breadth and thickness at middle line	3-2" 41		Spacing		
" " breadth and thickness at margin plate	3-2 1/4 41		Forecastle Deck, Angle, E or L	8 3 .38	
			Spacing	every frame	

2230-0284(12)

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing <i>side girder with pillars as per plan</i>						
in Holds <i>side girder with pillars as per plan</i>						
Centre Line Bulkhead <i>in Tonnage</i>	5	3	31	as per plan		
Stiffeners and Spacing <i>in hold</i>	10	3 1/2	41	"		
Plating, thickness of <i>in Tonnage</i>	26					
in hold.	30					
STRINGERS AND DECKS.						
Uppermost Continuous Deck.						
Stringer Plate, breadth and thickness in Wells <i>amidships</i>	84	62				
in way of Bridge						
Angle in Wells	6	6	62			
Thickness of Plating abreast Deck openings in way of Wells	60	6	48			
Thickness of Plating abreast Deck openings in way of Bridge						
Thickness of Plating within line of openings	38	6	36			
If Sheathed, material and thickness						
Second Deck.						
Stringer Plate, breadth and thickness in Wells	80	62				
Stringer Plate, breadth and thickness in way of Bridge						
Thickness of Plating abreast Deck openings in way of Wells						
Thickness of Plating abreast Deck openings in way of Bridge						
Thickness of Plating within line of openings						
If Sheathed, material and thickness						
Third Deck.						
Stringer Plate, breadth and thickness						
If Plated, state thickness						
Fourth Deck.						
Stringer Plate, breadth and thickness						
If Plated, state thickness						
Poop Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
Bridge Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
Forecastle Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	61	76	46	46		Double	7/8	3 1/2	Quadruple	1	3/4	Lapped	
„ DBLG. (if any)			Increased to 64 at Ponting.										
BOTTOM PLATING, No. of Strakes ... 3	82 1/2	58	49	48		"	"	"	Tribble	7/8	3	"	
BILGE PLATING, No. of Strakes ... 2	82 1/2	58	49	48		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes ... 3	76 1/2	58	46	46		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells	57 1/2	58	46	46		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Bridge ...	82	68	46	46		"	"	"	See Letter	"	"	"	
STRAKE BELOW Sheer-strake in Wells													
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING			40			Double	7/8	3 1/2	Double	7/8		Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)

Deck next below

As per Rule

FORGINGS and CASTINGS.

Casting or Forging. Scantlings. Maker's Name. Any departure from approved plans to be noted.

KEEL, Bar

STEM

STERN FRAME

Rudder

RUDDER—A x D

Speed of Vessel

RUDDER mainpiece at head

heel

how constructed

double or single plate

coupling, vertical or horizontal

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks <i>Frame No 35</i>	40	20	12 x 3 1/2	56	30
" " Second	59	29	29 1/2 x 3 1/2	45	30
" " Third	82	29	29 1/2 x 3 1/2	53	30
" " Holds	30	39	29 1/2 x 3 1/2	53	30
COLLISION (in Hold)	54	31	10 x 3 1/2	50	26
AFTER PEAK	70	30	9 x 3	50	26

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Has the Steel been tested as required by the Rules?

yes

EQUIPMENT No 37014										LETTER Z		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX-STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
35303	1st Bower	64	0	7				50	12	2	0	63 3/4	Ocean Improved	✓	London 3/6/35 J.H.O.
35305	2nd "	63	3	0				50	7	2	0	63 3/4	" "	✓	" 4/6/35 "
35304	3rd "	54	0	0				48	4	1	14	54 1/2	" "	✓	" 3/6/35 "
	Collective weight	182	3	7								182	✓		
48749	Stream	17	3	0	4	1	21	18	16	1	0	47 1/2	Ordinary	✓	Grading Team 12/4/35 J.P.

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Sta- tory.	Break- ing.	Supplied.	Per Rule.						Length.	Diam.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwt. lbs.	Cwt.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.
5083	270	2 1/4	9 1/8	13 1/2	68 1 1/4	68 2 1/4	270	2 1/4	Steel	Bradley/Hatch 18/2/35 L.P.	TOWLINE...	120	5	52 5	120	5
											HAWSERS & WARPS	2@ 90	2 1/4	15 2	90	2 1/4
												2@ 90	2 1/4	13 2	90	2 1/4
Iron Stream Chain or Steel Wire	90	4 3/4	4 3/4				90	4 3/4	Wire							

Steering Gear, Steam *Donnan & Co. Ltd.* Steering Gear, Hand *retaining handle, etc. to be used.*
Boats *2 life boats & 1 dinghy* Steering Chains, Size and Test *✓* Windlass *Jum. (Laid Chapman).*
Ceiling in Holds, thickness and material *2 1/2" W.W.* Cargo Battens, thickness, material and spacing *6 x 2 W.W. 9' apart.*
Cargo Hatchways. (Upper Deck) *4 plates & 4 bulk angles* Thickness of Hatches *2 1/2" (incl. upper covers).*
Size of No. 1 Hatchway (Forward) *30' x 26'* No. 2 *30' x 26'* No. 3 *30' x 26'* No. 4 *30' x 26'* No. 5 *30' x 26'* No. 6
Number of Shifting Beams and/or Fore & Afters *4 in each hatchway.*
FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.
Builder's Signature *J. L. Lyle* MANAGING DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans and in general conformity with the Rules. The material & workmanship are good. The weather deck, the double bottom tanks, the forward and after peak tanks, and the fuel tanks have been tested in accordance with the Rule requirements with satisfactory results. The W.T. doors, the hand pump, the steering engine & gear, and the davids have been run in good working order. The steel plates to the stem frame are of Rule thickness.

The following plans are forwarded herewith: - Midship Section, Profile Deck, Forward & After Beams, Stem & Stern frames, Armored Bulwark Port Section, Stern arrangement, Masts, Midship Brewhouses.

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for.
Special Survey Fee £ 303 : 4 : 0 11-9-1935
Travelling Expenses, if any £ 3 : 8 : 3 Received by me, 2-11-1935
Freeboard £ 15.0.0 4/11

I am of opinion the Vessel should be Classed *+ 100 A.I.*
WITH FREEBOARD

Signature *Ernest Edwards*
Surveyor to Lloyd's Register of Shipping.

Hull Certificate to be sent to *Leith* Date of issue *4/11/35*
Glasgow
Committee's Minute *TUL. 24 SEP 1935*

Character assigned

+ 100 A.I. (on N.W.C. 929 29)
With Free board + Linc 9.35
Lloyd's A.C.P. S.B. 220 lb.
Wub L.P. (24M) 30 lb.
Eds L. 24/9

The Surveyors are requested not to write on or below the Committee's Minute.



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W230-0284 (2/2)

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Bracelet to frame 23, 2nd Deck, stiffeners on W. T. Bulkhead
N^o 83. Alternative Arrangement of Second IInd Girders.
Alternative arrangement of Centre line Deck Hatch end
connections. Deck ends second Dth Hatches. Hatch Deck stoppers.
UDth Hatch Deck stoppers as fitted, Pumping plan.
Also (5) reports on Castings & one on forgings.

* do not appear to have been received

Note:— Please return the above mentioned plans for use during the completion
of Sister Vessel N^o 187.

2. Peak frame
3. Barge keel
4. Barge keel
5. Barge keel

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	cut 9. 11. 9. J.D.	485.	10/5/35.
	2nd "	37. 2. 21 "	495.	23/5/35.
	3rd "	34. 0. 14 "	348.	20/2/35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 40.25 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Dth Deck 7 Shutter deck (H.C.).
Cruiser deck.

Official No. 15 3734 Signal Letters ✓ Is bottom of Vessel coated with cement yes if not give
particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130	396	Fore peak tank,	20.5	109
Double bottom, under Engines and Boilers,	20	97	After peak tank,	18.0	159
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	198.5	790	Other tanks, if fitted,		
	Total capacity of double bottom	1283	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1233

Date 8/2/35

Dates of Surveys held while building

1935. January 8. 11. 15 18 22 25 29. Feb 1. 5. 8. 12. 15
19. 21. 26. March 1. 5. 8. 12. 15. 19. 22. 26. 29. April 2. 4. 10. 12. 16
19. 23. 26. 30. May 2. 7. 10. 13. 15. 17. 21. 22. 24. 28.
May 29. 31. June 4. 7. 11. 14. 18. 28. July 1. 11. 29. Aug 1. 7. 9. 15. 20. 23.
Sept 3.

Total No. of Visits 61