

STEEL STEAMER OF MOTORSHIP.

25 APR 1928

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 from Mdb: (Rpt. q. Rowwith.)

Date of completion of report

April 23rd 1928Port of SunderlandNo. 29707

Survey held at

Sunderland

Date First Survey

18th Aug. 1927

Last Survey

April 21st

1928.

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)Single Screw Steamer "LLANDILO"

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)Full Scantling

State Type of Erections

Comb. B & F, P.TONNAGE under
Tonnage Deck4574.65CLASS +100 A1.State if with freeboard
as condition of ClassNo

Built at

SunderlandDo. 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 400.0

Breadth (greatest moulded)

B 53.25

Total

4574.65Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)D 27.83

Gross Tonnage

4966.12

Register Tonnage

2985.021st Longitudinal Number (L x D) = 11,1322nd Numeral L x (B + D) = 32,432Framing Depth "d," at middle of length. See
Sec. 3 (1d)23.57Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel14.37Do. Long Bridge to top
of keel11.16

Draught Moulded

24' 5"

Launched

6th February 1928

Builders

Messrs Bartram & Sons & Co.

Owners

Gwenllian Steamships & Co.

Managers

Evan Thomas Radeliffe & Co.

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

Residence

Mount Stuart Square Cardiff

Port of Registry

London

If surveyed while building, afloat, & in dry dock

Yes

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.
FRAMES, Spacing amidships	27		Bracket Floors, Frame	B.A. 6 3 1/2 .36	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	B.A. 5 3 .38	
" " in peaks	24		" " Vertical Struts	C 10x3x3x.38	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42" x 52	
Frame Amidships, Angle, E or C	N.B.S. 12 3 1/2 .48		" " top Angle	5 5 .50	
" " Extends up to	Upper D ²		" " bottom Angles	6 6 .56	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One .38	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	38" x 50	
Depth of Framing Girder	12		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 .42	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	6 1/2 3 1/2 .47	on alternate frames.	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 .48	
" " Second 'tween Decks, Angle, E or C			" " Gussets, spacing and scantling abaft 1/2 len. from stem	Every 3 1/2 x 3 1/2 x .42	
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	Every 3 1/2 x 3 1/2 x .42	
Framing in Peaks, Angle or C	8 3 1/2 .40		Tank Side Brackets, height above base line at toe of Frame and thickness	80" x 4 1/4	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 - 5 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	70" x .48	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	4 sub-stimons Deep frames 6x3 1/2 x 38 Riv. for Double frame bottoms.	Replan	Thickness of remainder in Holds	.42	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	4 extra 1/2 at intervals 3 strakes shell midship thickness.		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	
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Well, Angle, E or C	6 1/2 3 1/2 .40	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or C	6 1/2 3 .38	
Middle Line Keelson, on Floors, Angles, E or C			Spacing	Every	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or C		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or C		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or C		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or C	7 3 .35	
Solid Floors, thickness and spacing	38. Every 3"		Spacing	Every	
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, E or C	6 3 1/2 .42	
Bracket Floors, breadth and thickness at middle line	32 x 38		Spacing	Every	
" " breadth and thickness at margin plate	32 x 38		Forecastle Deck, Angle, E or C	7 3 .40	
			Spacing	Every	

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....		3				Stringer Plate, breadth and thickness in way of Bridge		✓			
" in 'tween Decks, Size and Spacing.....		4 1/2" 3" dia spacing 2 1/2" 2 1/2" alternate		wide		Thickness of Plating abreast Deck openings in way of Wells		✓			
" " " " " "		ford 60 14" dia 58 15" "		14" dia wide		Thickness of Plating abreast Deck openings in way of Bridge		✓			
" in Holds " " "		alt 58 16" " 46 15" "		skewed		Thickness of Plating within line of openings...		✓			
" " " " " "						If Sheathed, material and thickness		✓			
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....		R.A. 7x3x38 to 12x3 1/2x53 N.B.S.		alternate		Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of		30.				If Plated, state thickness.....		✓			
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....		✓			
Stringer Plate, breadth and thickness in Wells.....		74x1.25-70		copy 66"		If Plated, state thickness		✓			
" " " " " in way of Bridge.....		70x56-38				Poop Deck.					
" Angle in Well.....		6 6 78				Stringer Plate, breadth and thickness		54 30			
Thickness of Plating abreast Deck openings in way of Wells.....		16 70				Plating, Sheathing, material and thickness		26 P. Pine 3"			
Thickness of Plating abreast Deck openings in way of Bridge		40x34				Bridge Deck.					
Thickness of Plating within line of openings...		4 2-30				Stringer Plate, breadth and thickness.....		66 72-58			
If Sheathed, material and thickness		No Sheathing				Plating, Sheathing, material and thickness		48 sheathed not Replans			
Second Deck.						Forecastle Deck. Combined with Bridge					
Stringer Plate, breadth and thickness in Wells...		✓				Stringer Plate, breadth and thickness.....		55 40			
						Plating, Sheathing, material and thickness		34 4" P. Punder windlass only			

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.
FLAT PLATE KEEL	49	74	66	66	✓	Double	1 3/8	4 R	1	4	lapped		
" DBLG. (if any)	✓	✓	✓	✓									
BOTTOM PLATING, No. of Strakes		58	58	48		Double	7/8 3 3/8	3 R	7/8	3 1/2	lapped		
BILGE PLATING, No. of Strakes		58	46	46		do	7/8 3 3/8	3 R	7/8	3 1/2	do		
SIDE PLATING, No. of Strakes		58	44	44		do	7/8 3 3/8	3 R	7/8	3 1/2	do		
UPPER DECK, Sheer-strake in Wells.....	50 1/2	✓	✓	70		do	7/8 3 3/8	4 R	7/8	3 1/2	do		
UPPER DECK, Sheer-strake in Bridge ...	50 1/2	58	44	44		do	7/8 3 3/8	3 R	7/8	3 1/2	do		
STRAKE BELOW Sheer-strake in Wells.....	69	✓	✓	66		do	7/8 3 3/8	4 R+3 R	7/8	3 1/2 3 1/2	do		
STRAKE BELOW Sheer-strake in Bridge ...	69	58	44	44		do	7/8 3 3/8	3 R	7/8	3 1/2	do		
POOP SIDE PLATING				38		Single	3/4 3	2 R	3/4	2 5/8	do		
BRIDGE SIDE PLATING (3)		60				Double	7/8 3 3/8	3 R	7/8	3 1/2	do		
FORECASTLE SIDE PLATING			40			Single	3/4 3	3 R	7/8	3 1/2	do		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		
Extending to Upper Deck (Sec. 3 c)	6	✓
" Deck next below	1	✓
As per Rule	6	✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds	50-38	12x3 1/2x50	38x30		
COLLISION " (in Hold)	50-26	9x3 1/2x42	24	2 S.B. Beam W.T. Plating	✓
AFTER PEAK " "	46-30	7x3x44	24	2 S.B. Beam W.T. Plating	✓

FORGINGS and CASTINGS.

	Casting or Forging	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Forging	9x2 1/2		✓
STERN FRAME { Propeller Post	do	10x7 1/2		✓
{ Rudder "		9x7 1/2	Darlington Forge	
RUDDER—AxD		481.		
Speed of Vessel	Under 10 knots			✓
RUDDER mainpiece at head ...		10" dia		✓
" " heel ...		7 1/8 "		✓
" how constructed	Forged			✓
" double or single plate		1.08		✓
" coupling, vertical or horizontal	Vertical			✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Messrs. Consett, Dorman Long, Cargo Fleet, Pease & Partners.

Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 34911										LETTER Z	ANCHORS.				
Number of Certificate.	Anchors.	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.			
30722	1st Bower ...	61	1	0	✓			49	0	2	14		Byer Imp. S. S. 6.	✓	L.P.H.S. 24.1.28. J.H.B.
30723	2nd " ...	61	1	0	✓			49	0	2	14		" " "	✓	L.P.H.S. 24.1.28. J.H.B.
30720	3rd " ...	61	1	0	✓			49	0	2	14		" " "	✓	L.P.H.S. 24.1.28. J.H.B.
	Collective weight.	183	3	0	✓							✓ 182			
43160	Stream	17	3	6	✓	4	2	20	18	16	1	0	Ordinary	✓	L.P.H.C.H. 17.10.27. H.C.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.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Tons.	Fathoms.	Ins.
	Fathoms.	Ins.	Tons.		Owts. qrs. lbs.	Owts.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.	
15509	270	2 1/4	9 1/8	12 1/2	682.2.21.	682-1-0.	270	2 1/4	St. S. S. S. S. S.	✓	L.P.H.S. 31.10.27. J.H.B.	TOWLINE...	120	5	59	120	5.	
												HAWSERS & WARPS	4-120	3 1/2	22	2-90	2 3/4	
Iron Stream Chain or Steel Wire	90	4 3/4	4 1/2	✓			90	4 3/4								2-90	2 1/2	

Steering Gear, Steam John Gynn & Co. Sunderland Steering Gear, Hand No. Auxiliary tackles + brake gear at.

Boats 2 Lifeboats, 1 Cutter, 1 Dinghy Steering Chains, Size and Test 1 7/16" 24 1/2 tons Windlass Emerson Walker.

Ceiling in Holds, thickness and material 2 1/2" W.W. under Hatches Cargo Battens, thickness, material and spacing 7" x 2" R.W. 9".

Cargo Hatchways.—(Upper Deck) Steel plates + angles. Thickness of Hatches 3".

Size of No. 1 Hatchway (Forward) 33'-9" x 25'-0" No. 2 33'-9" x 25'-0" No. 3 29'-3" x 20'-0" No. 4 36'-0" x 25'-0" No. 5 33'-9" x 25'-0" No. 6 9'-0" x 10'-0".

Number of Shifting Beams and/or Fore and Afters No. 1-7: No 2-7: No 3-6: No 4-7: No 5-7: No 6-1.

Builder's Signature

J.H. Bartlett

GENERAL DECLARATION This vessel has been constructed in accordance with the approved plans, the Society's Rules and the Secretary's letters.

The materials and workmanship are good.

The freeboard has been verified, and the marks cut in on the vessel's sides.

The double bottom and the peak tanks have been tested.

The decks and waterways, bulkheads and tunnel have been tested.

The windlass, steering gear, hand pumps, and W. Y. Doors have been tried and found satisfactory.

The following approved plans are forwarded herewith:—

Midship Section, Profiles Decks, Pillars + Girders, Amended Girders, Bulkheads, Pumping Arrangements, Painting Arrangements—Peak Bulkheads.

Sister Ship:—S.S. "LLANOVER".

Three forging certificates enclosed.

These plans are required in this Office for sister ships building.

The amount of Entry Fee £ 8 : : : Fees applied for, 18 Apr 1928
Special Survey Fee.... £ 323: 6 : : Received by me, 20 Apr 1928
Freeboard 9: 3: 4
Travelling Expenses, if any £ : : : Now.

I am of opinion the Vessel should be Classed + 100 A1

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

Signature

Colin Bartlett
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to: SUNDERLAND Date of issue 8/5/28.

Committee's Minute

TUES. 8 MAY 1928

Character assigned

+ 100 A1

Lloyd's A.V.C.P.

+ L.M.C. 4:28

Thos M. de G. p.p.

M. H.



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Lloyd's Register Foundation

W191-0029 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.)

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 38.3.7 M.K. 13.1.28 3474
2nd „ 38.2.21 M.K. 13.1.28 3458
3rd „ 38.2.14 M.K. 13.1.28 3475

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.5 ft., R.Q.D. ☒ ft., Bridge and Forecastle 318.4 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 D⁵ (STL)

Official No. 160,414; Signal Letters _____ Is bottom of Vessel coated with cement yes if not gi
particulars of composition _____

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	137.25	333	Fore peak tank,	20.45	13
Double bottom, under Engines and Boilers,	42.75	187	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	177.75	621	Other tanks, if fitted,	—	—
Total capacity of double bottom	—	1141	(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. 562

Date 9.2.27

Dates of Surveys held while building

1927 Aug. 18, 22, 25, 29, 30. Sep. 1, 5, 7, 8, 9, 14, 15, 16, 19, 23, 26, 27, 28. Oct. 4, 5, 6, 7, 10, 12, 14, 20, 25, 27, 31. Nov. 1, 2, 3, 4, 8, 9, 14, 17, 21, 23, 24, 29. Dec. 9, 13, 16, 19, 20, 21, 29. 1928 Jan. 4, 9, 11, 13, 17, 20, 23, 25, 27, 31. Feb. 1, 3, 8, 9, 13, 23, 28. Mar. 27. Apr. 3, 11, 12, 17, 21

Total No. of Visits _____