

STEEL STEAMER ~~OR~~ MOTORSHIP

Received at London Office

5 DEC 1928

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 1st September 1928Port of GREENOCKNo. 18953Survey held at PORT - GLASGOWDate First Survey 24th October 1924Last Survey 31st August 1928

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW "AELYBRYN"

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

FULL SCANTLINGState Type of Erections POOP, BRIDGE & FunnelTONNAGE under Tonnage Deck 4202.27CLASS 100A1State if with freeboard as condition of Class NoBuilt at PORT - GLASGOW

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 384.0Launched 31st JULY 1928 Yard No. 811Total 4202.27Breadth (greatest moulded) B 51.75Builders LITHGOWS LIMITEDGross Tonnage 4436.87Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 28.5Owners THE BRYNMYR STEAMSHIP COMPANY LIMITEDRegister Tonnage 2769.131st Longitudinal Number (L x D) = 10944Managers ✓
(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

Length 385.0
Breadth 52.0
Depth 26.152nd Numeral L x (B + D) = 30816
Framing Depth "d," at middle of length. See Sec. 3 (1d) E & B SPACE 17.09 24.43Residence COLERIDGE HOUSE, SWANSEAProportions—Depth to Length—Uppermost continuous deck to top of keel 13.47Port of Registry SWANSEADo. Long Bridge to top of keel 10.6

If surveyed while building, afloat, or in dry dock

Draught Moulded 24.4BUILDING & 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.
FRAMES, Spacing amidships	28"		Bracket Floors, Frame ... ANGLE	6 3 1/2 34	
" " from 1/2 length to Collision bulkhead	27"		" " Reversed Frame ANGLE	5 1/2 3 34	
" " in peaks	24"		" " 1 ANGLE	5 1/2 3 34	
			" " Vertical Struts 2 CHANNEL	9 x 3 x 3 38	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	41 50	
Frame Amidships, Angle, [or] N.B.S.	12 3 1/2 56		" " top Angles	3 3 50	
" " Extends up to	UPPER DECK		" " bottom Angles	4 4 54	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 2 38	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	48	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	5 5 45	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 45	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	No GUSSETS. ADDITIONAL RIVETING IN VERTICAL ANGLE.	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	D ²	
Framing in Peaks, Angle or [7 1/2 3 35		Tank Side Brackets, height above base line at toe of Frame and thickness	78 45 HOLDS. 61 1/4 x 43 1/2 x 53 1/2	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 DIA. 6 1/8"		INNER BOTTOM PLATING.		
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake	76 46	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAME SYSTEM. WITH 3 SIDE STRINGERS BELOW UPPER DECK AS PER APPROVED PLAN.		Thickness of remainder in Holds	40	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE FRAMES TO FLOORS FOR 1/2 LENGTH AND ADDITIONAL GIRDERS IN D. BOTTOM AS APPROVED.		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	ES 48 BS 58	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	10 N.B.S. 3 1/2 41	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	10 N.B.S. 3 1/2 42	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	EVERY FRAME	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [or]	✓	
" " Foundation Plate on Floors			Spacing	✓	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]	✓	
Side Keelsons, No. each side			Spacing	✓	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, [or]	✓	
" " Angles			Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	8 1/2 3 38	
Solid Floors, thickness and spacing	39 EVERY 30" FB		Spacing	ALT FRAMES.	
" " Are Frame and Reversed Frame joggled?	YES		Bridge Deck, Angle, [or]	8 3 45	
Bracket Floors, breadth and thickness at middle line	31 39		Spacing	EVERY FRAME.	
" " breadth and thickness at margin plate	31 39		Forecastle Deck, Angle, [or]	9 N.B.S. 3 48	
			Spacing	ALT FRAMES.	

PILLARS AND DECKS.									
		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.	
PILLARS. No. of Rows.....		ONE							
" Bridges in 'tween Decks, Size and Spacing.....		2 3/4 Dia x 56"							
" " " " " "		CENTRE LINE 5 1/2"							
" " " " " "		IN HOLDS.							
Centre Line Bulkhead.									
Stiffeners and Spacing.....		12 x 3 1/2 x 42 BA. SPACED 56" AND AS APPROVED.							
Plating, thickness of		30							
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells.....		61" 68							
" " " " in way of Bridge.....		42 38							
" Angle in Wells		6 6 89							
Thickness of Plating abreast Deck openings in way of Wells		58							
Thickness of Plating abreast Deck openings in way of Bridge		38 x 34 34							
Thickness of Plating within line of openings.....		IN BRIDGE 32 IN WELLS 42							
If Sheathed, material and thickness		✓							
Second Deck.									
Stringer Plate, breadth and thickness in Wells.....		✓							

SHELL PLATING. X Long Bridge over 3/5th LTH Amidships.

SCANTLINGS.									
		AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.		RIVETING.	
						State if jogged? No			
STRAKES.									

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.)

List of Plans.

Midship Section; Profile & Decks; Stern Frame; Rudder; W. T. Bulkheads; Hatches; 2nd Deck in E & B Space; Tunnel; Strengthening in B. Bottom forward Fore Peak Bulkhead; upper Deck Plating at Bridge Ends; Alternative Arrangement of Hatch Side Beams at Nos 2 & 4 Hatches; Pumping Arrangement; Midship Section, & Profile & Decks (as built). Forging Reports Stern Frame; Rudder; Quadrant;

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		WEIGHT HEAD & PIN.	SURV INIT ^s	N ^o OF CERTIFICATE	DATE OF TEST.
1st Bower		39 - 0 - 21	N. B.	3664	30.5.28
2nd "		39 - 2 - 14	N. B.	3775	15.6.28
3rd "		31 - 3 - 21	N. B.	3759	15.6.28

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 28.75 ft., R.Q.D. ✓ ft., Bridge 237.92 ft., Forecastle 43.83 (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 DE (STL).

Official No. 143991; Signal Letters. Is bottom of Vessel coated with cement YES. if not particulars of composition PORTLAND CEMENT ON BOTTOM IN PEAKS & D.B. TANK UNDER BOILERS; ELSEWHERE CEMENT FILLETS.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap Tons
Double bottom, aft,	119	333	Fore peak tank,		116
Double bottom, under Engines and Boilers,	21	80	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only, DRY TANK.	18.67	-	Deep tank, forward,		
Double bottom, forward,	170.6	541	Other tanks, if fitted,		
Total capacity of double bottom		954	(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. 3233

Date 21st September 1927

Dates of Surveys held while building

(1924) Oct 24 Nov 10 21 Dec 8 14 20 28 (1925) Jan 6 10 12 14 23 25 24 Feb 2 6 13 14 23 24 Mar 1 6 13 16 20 26 28 30 April 9 10 13 18 24 30 May 2 8 10 15 18 22 24 25 29 31 June 5 12 15 18 20 22 26 July 13 16 14 18 20 24 26 24 Aug 8 10 13 14 15 20 21 22 24 31

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Total No. of Visits