

STEEL STEAMER or MOTORSHIP.

Received at London Office 27 MAR 1925

London Dock

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 *19th March 1925* Port of *Newcastle-upon-Tyne* No. *79027*

Survey held at *Walker-on-Tyne* Date First Survey *11th June 1924* Last Survey *19th March 1925*

On the *Steel Screw Steamer "WEST WALES"*

State Type *Complete Superstructure with Lornage Opening* State Type of Erections *Shelter Deck*

TONNAGE under Tonnage Deck *4081.43* CLASS *100A1* State if with freeboard as condition of Class *Yes* Built at *Walker-on-Tyne*

Do. of space or spaces between Tonnage Dk. and Upper Dk. *None* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 400.0* Launched *24th December 1924* Yard No. *224*

Total *4081.43* Breadth (greatest moulded) *B 52.75* Builders *Wm Dobson & Co.*

Gross Tonnage *4353.50* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 35.83* Owners *Messrs Gibbs & Co.*

Register Tonnage *2627.48* 1st Longitudinal Number (L x D) *= 14332* Managers *✓*

2nd Numeral L x (B + D) *= 35432* (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *23.6* Residence *Cardiff*

Length *400.0* Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.16* Port of Registry *Cardiff*

Breadth *53.0* Do. Long Bridge to top of keel *✓* If surveyed while building, afloat, or in dry dock

Depth *25.35* Draught Moulded *24.6 1/2* *Special Survey*

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	31	✓	Bracket Floors, Frame <i>B.A.</i>	8 1/2 3 1/2 50	✓
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame <i>B.A.</i>	8 3 50	✓
" " in peaks	24	✓	" " Vertical Struts <i>B.A.</i>	8 3 50	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 x 55	✓
Frame Amidships, Angle, [<i>4</i>]	12 x 3 1/2 x 3 1/2 x 53	✓	" " top Angles <i>Single</i>	5 5 53	✓
" " Extends up to	2 nd Deck	✓	" " bottom Angles <i>Single</i>	6 6 59	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One - 41	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39 x 53	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	5 5 43	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [<i>E</i> or []	6 1/2 x 3 1/2 x 44	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 43	✓
" " Second 'tween Decks, Angle, [<i>E</i> or []	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2 3 1/2 43	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	3 1/2 3 1/2 43	✓
Framing in Peaks, Angle or []	1/2 3 375	36	Tank Side Brackets, height above base line at toe of Frame and thickness	3-3 x 41	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Seven Deck - 012 frames joggled Channel plates ordinary</i>	✓	Breadth and thickness of Middle Line Strake	61 x 50	52 1/2 x 51
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	3 plate stringers 34 x 42 and Channel beams as per profile	✓	Thickness of remainder in Holds	43	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	5 x 5 x 50 Angle frames double riveted 7/2 height interval forward of 3/5 length	✓	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	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Walls, Angle, [<i>E</i> or []	9 3 40	✓
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [<i>E</i> or []	✓	✓
Middle Line Keelson, on Floors, Angles, [<i>E</i> or []	✓		Spacing	on every frame	✓
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, [<i>E</i> or []	11 3 1/2 49	✓
" " Foundation Plate on Floors	✓		Spacing	on every frame	✓
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [<i>E</i> or []	✓	✓
Side Keelsons, No. each side	✓		Spacing	✓	✓
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, [<i>E</i> or []	✓	✓
" " Angles	✓		Spacing	✓	✓
DOUBLE BOTTOM.			Poop Deck, Angle, [<i>E</i> or []	✓	✓
Solid Floors, thickness and spacing	41 every 3 rd frame	✓	Spacing	✓	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	Bridge Deck, Angle, [<i>E</i> or []	✓	✓
Bracket Floors, breadth and thickness at middle line	4-3 x 41	✓	Spacing	✓	✓
" " breadth and thickness at margin plate	4-3 x 41	✓	Forecastle Deck, Angle, [<i>E</i> or []	✓	✓
			Spacing	✓	✓

W11391 - 0192

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.....	✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells	36 6 30	✓
" " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " "	✓		Thickness of Plating within line of openings...	34 6 30	✓
" " " " "	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing. <i>on alternate frames</i> 73-46 6 12-32-52	✓		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 58 x 56	✓		If Plated, state thickness	✓	
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	6 6 56	✓	Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells	48-36	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓	✓	Bridge Deck.		
Thickness of Plating within line of openings...	38 and 36	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells... 44 x 40	✓		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.		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.
FLAT PLATE KEEL	51	.77	.67	.67	✓	Double	7/8	3 1/16	4 to 3	1	3 3/4	Lapped	
" DELG. (if any)	✓					✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes .3.....	83	.59	.49	.59	✓	Midships thickness maintained to Col. Pld	"	"	3	✓	7/8	3 1/8	"
BILGE PLATING, No. of Strakes .2.....	67 & 49 1/4	.59	.49	.59	✓		"	"	"	✓	"	"	"
SIDE PLATING, No. of Strakes .3.....	83	.59	.46	.59 & 46	✓		"	"	"	✓	"	"	"
UPPER DECK, Sheer- strake in Wells.....	63	.65	.46	.46	✓	50 x .66	"	"	4 to 3	✓	7/8	3 1/2	"
UPPER DECK, Sheer- strake in Bridge ...	✓						✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer- strake in Wells.....	83	.61	.46	.46	✓	80 x .61	"	"	4 to 3	✓	7/8	3 1/2	"
STRAKE BELOW Sheer- strake in Bridge ...	✓						✓	✓					
POOP SIDE PLATING	✓						✓						
BRIDGE SIDE PLATING ...	✓						✓						
FOREC'TLE SIDE PLATING	✓						✓	✓	✓				

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.						
Extending to Upper Deck (Sec. 3 c) <i>One (Fore Peak),</i>												
" Deck next below <i>Five</i>												
As per Rule <i>Side</i>												
MIDSHIP BULKHEAD	Plating Thickness.	STIFFENERS.				STERN FRAME	RUDDER—A×D.	Speed of Vessel	RUDDER mainpiece at head	" " heel	" how constructed	" double or single plate coupling, vertical or horizontal
		VERTICAL.		HORIZONTAL.								
		Scantlings.	Spacing.	Scantlings.	Spacing.							
" " {	Upper tween decks	<i>Fore Peak</i>	<i>26</i>	<i>4 1/2 × 3/4</i>	<i>24</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
		<i>Second</i>	<i>30</i>	<i>6 × 3/4</i>	<i>24</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
		<i>Third Bulkhead</i>	<i>36</i>	<i>7 1/2 × 3/4</i>	<i>36</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
"	"	Holds	<i>45</i>	<i>35</i>	<i>26</i>	<i>12</i>	<i>3 1/2</i>	<i>45</i>	<i>30</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
COLLISION	"	(in Hold)	<i>52</i>	<i>30</i>	<i>8 1/2 × 3/4</i>	<i>24</i>	<i>2 Semi-bro beams</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
AFTER PEAK	"	"	<i>47</i>	<i>30</i>	<i>6 1/2 × 3/4</i>	<i>24</i>	<i>Turned Flat</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>(Open hearth) South Durham Steel & Iron Co. Ltd. Cargo Flat Iron Co. Ltd. Gutehoffnungshütte Oberhausen. The Lanarkshire Steel Co. Ltd.</i>												
Has the Steel been tested as required by the Rules? <i>Yes</i>												

EQUIPMENT No. 35760										LETTER Z		ANCHORS.		27 MAR 1925	
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.	
24215	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Ryers, Stockless	✓	Longbaker 24 1/4 A. Green
24214	2nd " ...	60	3	0	80			48	15	0	0	63 3/4	Ditto	✓	" " 24 1/4 "
24213	3rd " ...	60	0	14	80			48	10	0	0	54 1/2	Ditto	✓	" " 24 1/4 "
	Collective weight.	181	3	21								182			
24212	Stream	18	1	0	4	2	14	19	4	1	14	17 1/2	Common	J. Westwood & Co.	" " 21 1/2 "

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.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
13883	Fathoms.	Ins.	Tons	Tons	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.	Light Link J. Westwood & Co. Ltd. Longbaker 11 1/2 J. H. Butler			TOWLINE...	Fathoms.	Ins.	Tons	Fathoms.	Ins.
	270	2 1/4	9 1/8	12 7/10	683	2	14	682 1/4	270	2 1/4					120	5	7 1/2	120	5
														HAWSERS & WARPS	2-90	2 3/4	15 1/2		
														"	2-90	2 1/2	12 1/2		
Stream Chain or Steel Wire		Cir.								Cir.				"					
	90	4 1/4		47					90	4 3/4									

Steering Gear, Steam *Doukin & Co.* Steering Gear, Hand *Releving tackle*

Boats *4om* Steering Chains, Size and Test *1 1/2 dia - 18 1/2 tons, prof. Stead Short link* Windlass *Emmerson, Walker & Thompson*

Ceiling in Holds, thickness and material *2 1/2 W. W. Under hatchways over timbers* Cargo Battens, thickness, material and spacing *6 x 2. W. W.*

Cargo Hatchways.-(Upper Deck) *Steel plates and angles.* Thickness of Hatches *2 1/2*

Size of No. 1 Hatchway (Forward) *31-6 x 20-0 x 2-6 No. 2 31-0 x 20-0 x 2-6 No. 3 25-0 x 20-0 x 2-6 No. 4 31-0 x 20-0 x 2-6 No. 5 31-0 x 20-0 x 2-6 No. 6*

Number of Shifting Beams and Fore and Afters *No 1-6, No 2-4+5-5, No 3-4*

Builder's Signature

William Dobson & Co.

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and the Secretary's letters of instruction, as well as with the printed rules. The materials and workmanship employed during the construction are of good quality. The freeboard has been verified and cut in on the vessel's sides. The double bottom tanks, fore and aft peak tanks, weather decks, Bulkheads, Tunnel and W. S. rooms have been satisfactorily tested in accordance with rule requirements.*

The following plans accompany this report:- Midship section, Profile and Deck plans, Hatch details, Cast steel stem frame & Long Iron Rudder frame, Pumping arrangement, Strengthening of bottom forward and 4 forging supports.

Note:- Please return the accompanying plans to this office for reference in dealing with a sister vessel.

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for, 19/3/1925

Special Survey Fee.... £ 292 : 14 : 0 Received by me, *APB*

Freeboard Travelling Expenses, if any £ 10 : 0 : 0 24/3/1925

I am of opinion the Vessel should be Classed **100A1** With Freeboard

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

Signature *Alex. Munro* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Newcastle-on-Tyne* Date of issue *27.3.25.*

Committee's Minute **TUES. 31 MAR 1925**

Character assigned

+ 100A1

With freeboard

W. H. H. (M)

Lloyd's A&CP

+ Lmb 3, 25

My



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Lloyd's Register Foundation

26110-0119 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 *Weight including pin* 38-3-0, M.B. No 2129, 3rd October 1924
2nd " " " " 38-3-0, M.B. No 2112, 3rd October 1924
3rd " " " " 38-1-7, M.B. No 2111, 3rd October 1924

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ (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) *2 Stk (Stl)*

Official No. *148283* : Signal Letters

Is bottom of Vessel coated with cement *yes* if not

particulars of composition

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water C.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	129.16	351	Fore peak tank,	22.0	11
Double bottom, under Engines and Boilers, ✓	✓	✓	After peak tank,	30.33	19
Double bottom, if under Engines only,	23.3	98	Deep tank, aft,		
Double bottom, if under Boilers only, Dry Tank	18.1	77	Deep tank, forward,		
Double bottom, forward,	177.66	610	Other tanks, if fitted,		
	Total capacity of double bottom	1059 ✓	(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. *8094*

Date *9.24*

Dates of Surveys held while building

1924 June 11, July 10, 23, 28, Aug 11, 20, 29, Sept. 5, 11, 18, 25, Oct. 16, 31, Nov. 7, 10, 12, 14, 17, 24, 28, Dec. 16, 18, 1925 Jan. 5, 7, 15, 27, 30, Feb. 6, 12, 18, Mar. 4, 6, 19.

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