

STEEL STEAMER or MOTORSHIP.

Received at London Office - 1 OCT 1929

State of Report has been sent on the Freeboard of the Vessel *Yes*State of Report is sent on the Machinery of the Vessel *No. From Sld.*Date of completion of report *3.10.29*Port of *Hebburn-on-Tyne*No. *84791*Survey held at *Hebburn-on-Tyne*Date First Survey *11 June 1929*Last Survey *24 Sept. 1929*On the *(State if Machinery fitted Aft and)**Single Screw Steamer "WILLIAM CASH"*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Full Scantling*State Type of Erections *R.O.D., B., FOSLE*

TONNAGE under Tonnage Deck...

*891.46*CLASS *100A1*State if with freeboard as condition of Class *without*Built at *Hebburn-on-Tyne*

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

Total

Gross Tonnage

1185.92

Register Tonnage

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

FEET.

*225.0*Breadth (greatest moulded) *B**35.83*Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D**16.0**R.O.D. 19.42*1st Longitudinal Number (L x D) *= 3600*2nd Numeral L x (B + D) *= 11661*Framing Depth "d" at middle of length. See Sec. 3 (1d) *R.O.D.**13.32**16.79*Proportions—Depth to Length—Uppermost continuous deck to top of keel *UDK**14.04*Do. Long Bridge to top of keel *11.60*

Draught Moulded

Launched *3rd Sep 1929* Yard No. *567*Builders *R.W. Hawthorn, Leslie & Co. Ltd.*Owners *Stephenson Clarke & Co. Ltd.*

Managers

*(Where necessary to be entered in Reg. Book.)*Residence *London*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Building & afloat

REGISTERED DIMENSIONS.

FEET.

*225.5**36.1**14.0*

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.
MES, Spacing amidships	27"	✓	Bracket Floors, Frame	✓	
" from 1/2 length to Collision bulkhead	27"	✓	" " Reversed Frame	✓	
" in peaks	24	✓	" " Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	32 40	
Amidships, Angle, [or [<i>UDK</i>	6 3 34	✓	" " top Angles	3 3 38	
" " Extends up to <i>R.O.D.</i>	7 3 33	✓	" " bottom Angles <i>single</i>	3 1/2 3 1/2 40	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	one 30	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	25 1/2 37	✓
th of Framing Girder	6" 7"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 3 30	✓
mes in Uppermost Continuous 'tween Decks, Angle, [or [	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 34	✓
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 panels 18" x 18" x 37	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem		
ning in Peaks, Angle or [	6 3 36	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
meter and Spacing of Rivets through Frame and Shell Plating amidships	7 clear 3/4" 5 1/2" d in for bottom	✓	INNER BOTTOM PLATING.		
If Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	all 50"	✓
NG ARRANGEMENTS (Sec. 7), state system and particulars	<i>straps as plan</i>	✓	Thickness of remainder in Holds	<i>no ceiling</i>	✓
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	<i>double riveted frame bottoms extra intercostal bottom plating midships thickness</i>	✓	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?	<i>yes</i>	✓
DOUBLE BOTTOM. in Boiler Space			BEAMS.		
s, Depth and thickness at mid-line in Holds	24 46	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or [	7 3 38	✓
Height of Brackets at side above base line at toe of frame	none	✓	" " " " in way of Bridge, Angle, [or [	7 3 34	✓
Line Keelson, on Floors, Angles, [or [	4 1/2 3 1/2 44	✓	Spacing	every frame	✓
" " Through Plate or Intercostal Plate	52	✓	Second Deck, amidships, Angle, [or [✓	
" " Foundation Plate on Floors	12 52	✓	Spacing		
" " Flat Plate Keel Angles	3 1/2 3 1/2 48	✓	Third Deck, amidships, Angle, [or [✓	
Keelsons, No. each side	one	✓	Spacing		
" thickness of Intercostal Plate	44	✓	Fourth Deck, amidships, Angle, [or [✓	
" Angles	5 3 42	✓	Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [✓	
Solid Floors, thickness and spacing <i>every frame</i>	30	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	<i>yes</i>	✓	Bridge Deck, Angle, [or [	5 3 30	✓
Bracket Floors, breadth and thickness at middle line	<i>nil</i>	✓	Spacing	every frame	✓
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, [or [	6 1/2 3 44	✓
			Spacing	<i>every frame & alternate frames as plan</i>	✓

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	✓	
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „ „ „			Thickness of Plating within line of openings..	30 x 26	✓
„ „ „ „ „			If Sheathed, material and thickness	2" WP in accommodation	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.	✓	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	72	58	If Plated, state thickness		
„ „ „ „ in way of Bridge			Poop Deck.	✓	
„ Angle in Wells	55	58	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	30 x 26	✓	Stringer Plate, breadth and thickness.....	33	30
If Sheathed, material and thickness	no		Plating, Sheathing, material and thickness ...	26 x 2 1/2	0. Pine
Second Deck. (R.O.D.)			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	70	40	Stringer Plate, breadth and thickness.....	19	34
			Plating, Sheathing, material and thickness ...		34

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	41	✓ 50	✓ 46	✓ 46		double	3/4	3"	✓ 3	3/4	2 5/8	lapped	
" DBLG. (if any)		✓		✓									
BOTTOM PLATING, No. of of Strakes 2..		✓ 45	✓ 40	✓ 41		double	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes one		✓ 45	✓ 37	✓ 37		double	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes one		✓ 45	✓ 37	✓ 45		double	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells.....	46	✓ 59	✓ 37	✓ 37		-			"	"	"	"	
UPPER DECK, Sheer- strake in Bridge ...		✓ 77				double	1"	4"	"	"	"	"	
STRAKE BELOW Sheer- strake in Wells.....		✓ 49	✓ 37	✓ 37		double	"	"	"	"	"	"	
STRAKE BELOW Sheer- strake in Bridge ...		✓ 46				double	"	"	"	"	"	"	
POOP SIDE PLATING	46	✓ 49		✓ 37		-			✓ 1	"	"	"	
BRIDGE SIDE PLATING ...		✓ 34				single	"	"	✓	✓	✓	✓	
FOREC'TLE SIDE PLATING		✓ 30				-			✓	✓	✓	✓	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				4
Extending to Upper Deck (Sec. 3 c).....				✓
" Deck next below.....				✓
As per Rule.....				4

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	"			
"	"	Third	"			
"	"	Holds	33' 26	6x3x36	2' 6"	
COLLISION	"	(in Hold)	42' 26	8 1/2 x 3 x 50	2' 0"	Flat
AFTER PEAK	"	"	42' 30	7x3x34	2' 0"	Flat

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat Plate		
STEM		Roll'd $6\frac{3}{4} \times 1\frac{3}{4}$	✓	
STERN FRAME {	Propeller Post	$6\frac{1}{2} \times 4\frac{3}{4}$	✓	Forster Sons
	Rudder "	Forged $5\frac{3}{4} \times 4\frac{3}{4}$	✓	Sld.
RUDDER—A × D		142.5"		
Speed of Vessel		10		
RUDDER mainpiece at head ...	Forged	$5\frac{3}{4}$	✓	Forster Sons Stock & mainpiece by J. Ferguson & Co.
" " heel ...		44" ✓		
" how constructed		arms shrouds keyed to mainpiece		
" double or single plate		single .90	✓	
" coupling, vertical or		horizontal		
" horizontal				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
South Durham, Dorman Long, Boldon Vaughan Consett.
open heart process
Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. 12357												LETTER	n	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, BY 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.				
32303	1st Bower ...	25	3	7	Stockless			25	10	1	7	25 1/2 ✓	Byers Improved Stockless	—	Sld. 7.8.29 JHB.	
32302	2nd „ ...	25	3	7	“			25	10	1	7	25 1/2 ✓		—	Sld. 3.8.29 JHB.	
32276	3rd „ ...	22	2	21	“			22	18	3	0	22 ✓		—	Sld. 25.7.29 B.A.S.P.	
	Collective weight.	74	1	7								73				
18013	Stream	6	2	0	✓ 1	2	21	8	15	0	0	6 1/2 ✓	exc Stock Ordinary forged wrought iron	Kendrick + Mole Ltd	Cff. 2.8.29 LLW.	

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.		Tons.	Length.	Cir.
	Fathoms.	Inch.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Inch.					Fathoms.	Inch.	Tons.	Fathoms.	Inch.
33403	210	1 1/2	40 1/2	58 1/4	243-3-21	242	210	1 1/8	Stud link	Kendrick & Mole Ltd	Off. 4.7.29 L.L.W.	TOWLINE	40	3 1/2	22	40	3 1/2
Stream or Steel Wire	75	Cir. 3 1/2		26			75	Cir. 3 1/2				HAWSERS & WARPS	40	2 1/4	9 1/2	40	2 1/4
													90	1 3/4	6	90	1 3/4

Steering Gear, Steam

Donkin & Co

Steering Gear, Hand

Donkin & Co (Screw gear)

Boats

2 @ 19' 1 @ 14'

Steering Chains, Size and Test

7/8" - Test 9-2-2-0

Windlass

Steam Clarke Chapman

Ceiling in Holds, thickness and material

no

Cargo Battens, thickness, material and spacing

no

Cargo Hatchways.-(Upper Deck)

Thickness of Hatches

3"

Size of No. 1 Hatchway (Forward)

26 x 23'6" 20'6" No. 2 23 x 23'6" No. 3 28'3" x 23'6" No. 4 28'3" x 23'6" No. 5 — No. 6 —

Number of Shifting Beams and/or Fore and Afters

4 in No. 1 & 2 5 in No. 3 & 4

FOR R. & W. HAWTHORN, LESLIE & Co. LIMITED.

Builder's Signature

M. J. Rosenthal

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans the Society's Rules and the Committee's instructions. The workmanship and materials are good and to my satisfaction. All ballast tanks have been tested by filling with water to rule head. H.T. bulkheads have been tested by hoisting. Weather decks have been tested by flooding with hose. The assigned firebricks have been marked on vessel's sides, rumpel and cut in.

All approved plans, and plan of midship section and of profile and decks showing vessel as built are enclosed, also fitting reports.

The amount of Entry Fee

£ 5 : 0 : 0

Special Survey Fee

£ 118 : 12 : 0

F'd

4 : 3 : 4

Travelling Expenses, if any

£

Fees applied for,

25.9.1929

Received by me,

26.9.29

I am of opinion the Vessel should be Classed

+ 100 A1

State whether the Vessel has been built under Special Survey

yes

Signature

W. Brown

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Newcastle

Date of issue

4/10/29

Committee's Minute

4 OCT 1929

Character assigned

+ 100 A1

Lloyd's A.C.P.

Cargo battens not fitted

+ L.M.C. 9.29

R.B. C.L.

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

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 the Plans should be embodied.)

Particulars of **Drop Test** of Cast Steel Anchors, ^{HEAD} including Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 16-3-7 (pin 1-2-13) M.B. 6673. 19-7-29
2nd " 16-3-7 " 1-2-13 MB 6643. 19-7-29
3rd " 13-3-0 " 1-1-26 K.H. 6630. 28-6-29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 127.2 ft., Bridge 13.5 ft., Forecastle 20 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) one dk (ste)

Official No. 161303 ; Signal Letters Is bottom of Vessel coated with cement yes if particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	20' 3"	27.8	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	146' 3"	292.2	Other tanks, if fitted,		
	Total capacity of double bottom	320.0	(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. 5359

Date 29.8.29

Dates of Surveys held while building

1929 June 11. 17. 18. 20 July 3. 4. 10. 17. 19. 23. 24 Aug 2. 8. 12. 15. 21. 22. 27. 29. 30. Sep 2. 3. 10. 12. 23. 24

Total No. of Visits