

## STEEL STEAMER or MOTORSHIP.

Received at London Office

9 MAR 1928

DISCLOSED  
SECTIONState if Report has been sent on the Freeboard of the Vessel *No* (N.V. *Freeboard*)State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *8<sup>th</sup> March, 1928*Port of *Sunderland*No. *29666*Survey held at *Sunderland*Date First Survey *11<sup>th</sup> August, 1927*Last Survey *8<sup>th</sup> March 1928*On the (State if Machinery fitted Aft and  
if Single, Twin or Triple Screw)*Single Screw Steamer**ST. THERESE*

(Machinery fitted amidships)

State Type (Full Scantling, Complete Superstructure  
with or without Tonnage Openings)*Full Scantling*State Type of Erections *Prop. Bridge + Fide.*TONNAGE under  
Tonnage Deck... *2012.69*CLASS *100A1*State if with freeboard  
as condition of Class *No*Built at *Sunderland*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 292.0*Launched *5<sup>th</sup> Jan. 1928* Yard No. *1327*Total *✓*Breadth (greatest moulded) *B 44.0*Builders *Swan Hunter & Wigham Richardson Ltd.*Gross Tonnage *2279.57*Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) *D 21.5*Owners *Jens Lund & Co*Register Tonnage *1353.53*1st Longitudinal Number (L x D) = *6278*Managers *✓*

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

REGISTERED DIMENSIONS.  
FEET.Length *293.1*Framing Depth "d," at middle of length. See  
Sec. 3 (1d) *18.07*Residence *Jonsberg*Breadth *44.2*Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel *13.63*Port of Registry *Jonsberg*Depth *19.4*Do. Long Bridge to top  
of keel *10.07*

If surveyed while building, afloat, or in dry dock

Draught Moulded *18.37**While building*

## 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.
<b>FRAMES, Spacing amidships</b> .....	24"	✓	<b>Bracket Floors, Frame</b> .....	7 x 3 x .41	✓
" " from $\frac{1}{2}$ length to Collision bulkhead.....	24"	✓	" " Reversed Frame .....	6 1/2 x 3 x .41	✓
" " in peaks.....	24"	✓	" " Vertical Struts .....	6 1/2 x 3 x .41	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	36" x .44	
<b>Frame Amidships, Angle, E or C</b> .....	8 1/2 x 3 x .40	✓	" " top Angle <i>Single</i> .....	5 x 5 x .42	✓
" " Extends up to .....	<i>Upper deck</i>	✓	" " bottom Angles <i>Single</i> .....	5 x 5 x .47	✓
<b>Reversed Frame Amidships, Angle</b> .....			<i>Double</i> 3 1/2 x 3 1/2 x .45 fwd		
" " Extends up to...			<b>Side Girders, No. each side and thickness</b> .....	One .34	
<b>Depth of Framing Girder</b> .....	8 1/2	✓	<b>Margin Plate depth (excl. of flange) and thickness</b> .....	33" x .39	
<b>Frames in Uppermost Continuous 'tween</b> <i>Bridge</i> <b>Decks, Angle, E or C</b> .....	5 x 3 x .45	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem .....	3 x 3 x .40	
" " <b>Second 'tween Decks, Angle, E or C</b> .....			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem .....	<i>single</i> 5 x 5 x .40	
" " <b>Third</b> " " " " .....			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	<i>No gussets.</i> <i>Tank ribs bars</i> <i>and riveting</i> <i>increased in line</i>	
<b>Framing in Peaks, Angle or C</b> .....	5 1/2 x 3 x .45	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem.....		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amid-</b> <b>ships</b> .....			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	57" x .37	
<b>State if Frame Joggled</b> .....	<i>Yes</i>	✓	<b>INNER BOTTOM PLATING.</b>		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars) <i>Deck frames 11 x 3 1/2 x .54 B.A. with two side stringers</i>			Breadth and thickness of Middle Line Strake ...	45 1/4" x .41 1/2 .35	
<b>STRENGTHENING OF BOTTOM FOR WARD.</b> State Particulars .....	<i>Double frames. Additional girders these strakes of shell of medium thickness to collision bulkhead</i>	✓	Thickness of remainder in Holds .....	.35	
<b>INGLE BOTTOM.</b>			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>	
<b>Floors, Depth and thickness at mid-line in Holds</b> .....			<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame .....			<b>Uppermost Continuous Deck, amidships</b> in Wells, Angle, E or C .....	8 x 3 1/2 x .50	
<b>Middle Line Keelson, on Floors, Angles, E or C</b> .....			" " in way of Bridge, Angle, E or C .....	8 x 3 1/2 x .46	
" " Through Plate or Intercostal Plate .....			Spacing .....	24"	
" " Foundation Plate on Floors .....			<b>Second Deck, amidships, Angle, E or C</b> .....		
" " Flat Plate Keel Angles			Spacing .....		
<b>Side Keelsons, No. each side</b> .....			<b>Third Deck, amidships, Angle, E or C</b> .....		
" " thickness of Intercostal Plate...			Spacing .....		
" " Angles .....			<b>Fourth Deck, amidships, Angle, E or C</b> .....		
<b>DOUBLE BOTTOM.</b>			Spacing .....		
<b>Solid Floors, thickness and spacing</b> .....	34 24" x 72"	✓	<b>Poop Deck, Angle, E or C</b> .....	5 1/2 x 3 x .36	
" " Are Frame and Reversed Frame joggled? .....	<i>Yes</i>	✓	Spacing .....	24"	
<b>Bracket Floors, breadth and thickness at middle line</b> .....	27" x .34	✓	<b>Bridge Deck, Angle, E or C</b> .....	6 1/2 x 3 x .37	
" " breadth and thickness at margin plate .....	27" x .34	✓	Spacing .....	24"	
			<b>Forecastle Deck, Angle, E or C</b> .....	7 1/2 x 3 x .32	
			Spacing .....	24"	

015366 - 015379 - 0404 1/2



# 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.
<b>PILLARS, No. of Rows</b> .....	Centre Line Bulkhead				Stringer Plate, breadth and thickness in way of Bridge				
" Poop, Bridge & Fore	One row				Thickness of Plating abreast Deck openings in way of Wells				
" in 'tween Decks, Size and Spacing.....	2 7/8" diam 48"				Thickness of Plating abreast Deck openings in way of Bridge				
" " " " "					Thickness of Plating within line of openings...				
" in Holds " "					If Sheathed, material and thickness				
" " " " "					<b>Third Deck.</b>				
<b>Centre Line Bulkhead.</b>	from 9 x 3 x .44 B.A				Stringer Plate, breadth and thickness.....				
Stiffeners and Spacing.....	to 5 x 3 x .38 O.A				If Plated, state thickness.....				
Plating, thickness of	spaces 48" .30				<b>Fourth Deck.</b>				
<b>STRINGERS AND DECKS.</b>					Stringer Plate, breadth and thickness.....				
<b>Uppermost Continuous Deck.</b>					If Plated, state thickness				
Stringer Plate, breadth and thickness in Wells	46 x .69				<b>Poop Deck.</b>				
" " " " in way of Bridge	46 x .68 .56				Stringer Plate, breadth and thickness	28 x .32			
" Angle in Wells	6 x 6 x .69				Plating, Sheathing, material and thickness	2 1/2 p. p. sheathing			
Thickness of Plating abreast Deck openings in way of Wells	.42				<b>Bridge Deck.</b>				
Thickness of Plating abreast Deck openings in way of Bridge	.38 & .30				Stringer Plate, breadth and thickness.....	46 x .38			
Thickness of Plating within line of openings...	.34				Plating, Sheathing, material and thickness	.34			
If Sheathed, material and thickness					<b>Forecastle Deck.</b>				
<b>Second Deck.</b>					Stringer Plate, breadth and thickness.....	28 x .32			
Stringer Plate, breadth and thickness in Wells...					Plating, Sheathing, material and thickness	.30			

## 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. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	44 1/2	.60	.56	.56		Double	7/8	3 3/7	3	7/8	3/8	Lapped
" DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes	73	.47	.40	.40		Double	3/4	3	3 to 2	3/4	2 5/8	Lapped
BILGE PLATING, No. of Strakes	70	.47	.40	.40		"	3/4	3	3 to 2	3/4	2 5/8	"
SIDE PLATING, No. of Strakes	75	.47	.40	.40		"	3/4	3	3 to 2	3/4	2 5/8	"
UPPER DECK, Sheer-strake in Wells	48	.71	.40	.40		"	7/8	3 3/7	4 to 3	1 1/8	4"-3 1/8"	"
UPPER DECK, Sheer-strake in Bridge	48	.47	✓	✓		"	3/4	3	3	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Wells	48	.60	.40	.40		"	7/8	3 3/7	3	7/8-3/4	3 1/8-2 5/8	"
STRAKE BELOW Sheer-strake in Bridge	48	.47	✓	✓		"	3/4	3	3	7/8	3/8	"
POOP SIDE PLATING	✓	✓	✓	.34		Single	3/4	3	1	3/4	2 5/8	"
BRIDGE SIDE PLATING	45 50	.46	✓	✓		Double	3/4	3	3	3/4	2 5/8	"
FORECASTLE SIDE PLATING	✓	✓	.36	✓		Single	3/4	3	1	3/4	2 5/8	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— Four (as approved)

Extending to Upper Deck (Sec. 3 c) Four

" Deck next below ✓

As per Rule Five

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓			
<b>STEM</b> .....	✓ Rolled bar	7 3/4 x 2 1/4	A. Hickinson Ltd	
<b>STERN FRAME</b> { Propeller Post	✓ Forging	8 1/2 x 5 3/4	Sunderland	
{ Rudder	✓ Forging	7 1/2 x 5 3/4	Eng. Co. Ltd	
<b>RUDDER—A x D</b> .....		255		
<b>Speed of Vessel</b> .....		Under 10 knots		
<b>RUDDER</b> mainpiece at head	✓ Forging	7 3/8 x 5 1/2	Sunderland	
" " heel	✓ Forging	5 1/2	Eng. Co. Ltd	
" how constructed	Forged arms riveted on			
" double or single plate	Single plate	1.00		
" 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) Open Hearth.

Smith Durham S & S. Co. Ltd; Bolton Vaughan & Co. Ltd; Consett Iron Co. Ltd; Pease & Partners Ltd;

Dorman Long Co. Ltd; Cargo Fleet Iron Co. Ltd.

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



9 MAR 1928

EQUIPMENT No. 20115											LETTER S	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.				
30639	1st Bower ...	39	0	7	.	.	.	35	4	0	7	38 3/4	Byers Improved Stockless	—	Sld 5/1/28 J. H. Butler
30640	2nd „ ...	38	1	0	.	.	.	34	13	0	14	38 3/4	„ „ „	—	„ „ „
30579	3rd „ ...	33	1	14	.	.	.	31	3	0	14	32 1/2	„ „ „	—	„ 15/12/27 J. H. Butler
	Collective weight.	110	2	21								110			
17102	Stream .....	10	1	14	2	2	21	12.3	.	.	.	10	Rodger Anchor & Stockless, Kendrick & Moore Ltd.		Eff. 20/9/27 A. Jones

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.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
31173	Fathoms.	Ins.	Tons.		Cwts. qrs. lbs.	Cwts. lbs.	Fathoms.	Ins.	Steel	Kendrick & Moore	Eff 3/9/27. A. Jones	TOWLINE ...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	240	13/16	59 1/8	82 3/4	401.0	14	397.3	0					240	13/16	90	4	33
Iron Stream Chain or Steel Wire }	75	Cir. 4 1/4	.	35			75	Cir. 4 1/4	Wire	British Rope Co. Ltd. Gateshead		HAWSERS & WARPS }	90	7	Manilla	90	7
													90	2 1/2	12 1/2	90	2 1/2
													90	6	Manilla	90	6
													90	2 1/4	9 1/2	90	2 1/4

Steering Gear, Steam by Messrs Caldwell & Co. Steering Gear, Hand The Westminster Eng. Works Co. Ltd.

Boats 2 @ 22'-0" x 7'-6" x 2'-10" Steering Chains, Size and Test 1 1/16" chains, 13 1/2 tons Windlass Emerson Walker & Thompson Bros Ltd.

1 dinghy 18'-0" x 6'-0" x 2'-3"  
1 pump 16'-0".

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) Steel plates and angles Thickness of Hatches 3"

Size of No. 1 Hatchway (Forward) 28'-0" x 20'-0" No. 2 30'-0" x 20'-0" No. 3 30'-0" x 20'-0" No. 4 28'-0" x 20'-0" No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Four to 1<sup>st</sup> & 4 hatches. Five to 1<sup>st</sup> 2 & 3 hatches

FOR  
SWAN HUNTER & WIGHAM RICHARDSON LTD.  
Builder's Signature *Maxwell Ballantyne*

# GENERAL DECLARATION

This vessel has been constructed in accordance with the approved plans, The Rules and Secretary's letters. The materials and workmanship are good. The forward intermediate bulkhead has been dispensed with as approved (Owner's letter of request forwarded to the Secretary on 27<sup>th</sup> July 1927).

The peak tanks and double bottom tanks have been satisfactorily tested to rule requirements. The bulkheads, decks and tunnel have been hose tested and found satisfactory. The windlass, winches, steering gear, W.T. doors and handpump have been worked and found satisfactory.

The approved plans (6 in number) are forwarded herewith together with two forging certificates.

List of approved plans:— Midship Section; Profile and Decks; Pumping Arrangements & Strengthening of Bottom Forward; Pumping Plan; Shell etc in way of Bridge; Hatches and Bulkheads.

The amount of Entry Fee ..... £ 6 : 0 : 0 Fees applied for,  
Special Survey Fee.... £ 189 : 0 : 0 1<sup>st</sup> March 1928  
Travelling Expenses, if any £ : : Received by me, 23.3.28

I am of opinion the Vessel should be Classed  $\nabla$  100 A1

State whether the Vessel has been built under Special Survey Yes

Signature *A. D. Jones & H. Urwin*  
Surveyors to Lloyd's Register of Shipping.

Communicate to be sent to SUNDERLAND Date of issue 7/6/28

Committee's Minute

TUES. 13 MAR 1928

Character assigned

+ 100 A1

note BLKds.  
Write Mr

Lloyd's A&CP, + Lmb 3.28

*John*

*CL*

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



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Lloyd's Register Foundation

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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 <b>Drop Test</b> of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	<i>23-2-0</i>	M.R.	602	22/11/27 & 2/12/27
	2nd "	23-2-0	R.W.F	6701	23/12/27
	3rd "	22-0-21	K.H	5013	15/11/27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *26.62* ft., R.Q.D. \_\_\_\_\_ ft., Bridge *72* ft., Forecastle *25.37* 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 Dh (5th)*  
Official No. \_\_\_\_\_; Signal Letters *L.G.N.F* Is bottom of Vessel coated with cement *Cemented in boiler*  
particulars of composition *room, cement filled at seams and butts in remainder of bottom tanks.* if not given

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—				*Length.	Water Capac
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	Feet.	Tons.
	Feet.	Tons.		14.5	29
Double bottom, aft,	94.0	183	Fore peak tank,	18.0	85
Double bottom, under Engines and Boilers,	36.0	120	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, if under Boilers only,	120.0	321	Other tanks, if fitted,		
Double bottom, forward,	Total capacity of double bottom	624	(If necessary, furnish further information by sketch.)		
			lengths of the tanks.		

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

Order for Special Survey No. *57465*

Date *13. 8. 27*

Dates of Surveys held while building

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

Total No. of Visits *56*