

STEEL STEAMER or MOTORSHIP.

Received at London Office

-5 MAR 1936

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

29th February 1936

Port of

Newcastle on Tyne

No.

93528

Survey held at

WallSEND on Tyne

Date First Survey

15 July 1935

Last Survey

27 Feb. 1936

On the (State if Machinery fitted Aft and

Single Screw Steamer Hopestar Machinery fitted amidships

State Type

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

Complete Superstructure with tonnage opening State Type of Erections

Fide on

TONNAGE under Tonnage Deck...

4885.28

CLASS

+ 100 A1

State if with freeboard as condition of Class

Yes

Built at

WallSEND on Tyne

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 410.0

Breadth (greatest moulded)

B 57.25

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

D 38.0

1st Longitudinal Number (L x D) 410 x 37.5 = 15380

2nd Numeral L x (B + D) 410 (57.25 + 37.5) = 38850

Framing Depth "d" at middle of length. See Sec. 3 (1d)

29.5 - 3.63 = 25.87

Proportions—Depth to Length—Uppermost continuous deck to top of keel

410 = 10.79 38

Do. Long Bridge to top of keel

25' 10 7/8"

Draught Moulded

25' 10 7/8"

Launched

22 Jan. 1936 Yard No. 1573

Builders

Swan Hunter & Wigham

Owners

The WallSEND Shipping Co. Ltd.

Managers

Arthur Stott & Co. Ltd.

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

Residence

Newcastle on Tyne

Port of Registry

Newcastle

If surveyed while building, afloat, or in dry dock

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.
FRAMES, Spacing amidships	30		Bracket Floors, Frame	7 x 3 1/2 x 36	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	6 x 3 1/2 x 36	
" " in peaks	24		" " Vertical Struts	6 x 3 1/2 x 36	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x 54	
Frame Amidships, Angle, E or F	9 x 3 1/2 x 52		" " top Angles	3 1/2 x 3 1/2 x 48	Stale
" " Extends up to	Shell 5K at alternate frs.		" " bottom Angles	5 x 5 x 53	Stale
Reversed Frame Amidships, Angle	8 x 3 1/2 x 52		Side Girders, No. each side and thickness	one 38	
" " Extends up to	2nd 5K.		Margin Plate depth (excl. of flange) and thickness	41 x 54	
Depth of Framing Girder	13 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 1/2 x 6 1/2 x 55 T 4 fr. 142	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	9 x 3 1/2 x 52 on all frs.		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 1/2 x 6 1/2 x 55 T 143-154	
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/2 len. from stem	20 @ 7/8 Rivets Every fr. 6 @ 7/8 R.	
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	Every fr. 10 @ 7/8 R	
Framing in Peaks, Angle or F	8 x 3 x 35		Tank Side Brackets, height above base line at toe of Frame and thickness	70 1/2 x 45	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 x 5 3/4		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	53 1/2 x 51	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames 15 x 4 x 4 x 65 L + 2nd 5K. 4 side stringers as approved		Thickness of remainder in Holds	.43	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	3 Strakes of Shell 9Ks. 10% min. excess of midship thickness from 1/2 L to Collision Bulk. H.K. intercostals Bottom frames double riveted.		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?	+ .08 in way Hatches Yes 5 Owners extra floors .50 in E.R.	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Walls, Angle, E or F	8 x 3 x 36	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	38	
Middle Line Keelson, on Floors, Angles, E or F			Spacing	30	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	8 x 3 x 41	
" " Foundation Plate on Floors			Spacing	9 x 3 1/2 x 37.5 5' 4"	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	30	
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	41 5.42 4rd 3/8 L every 3rd frame frames joggled		Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line	33 x 41		Spacing		
" " breadth and thickness at margin plate	33 x 41		Forecastle Deck, Angle, E or F	8 x 3 x 38	
			Spacing	27 5/8 x 4	

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.....	Two C.L. P.M.S.			
" in 'tween Decks, Size and Spacing.....	2 1/2 dia Solid closely spaced in centre			
" " " " " "	12 x 36 6 1/2 x 40 at sides			
" in Holds " " " "	11 x 48			
" " " " " "	6 x 15 x 53 at sides			
Centre Line Bulkhead.	7 x 3 x 38 L			
Stiffeners and Spacing.....	12 x 45 B.P. 5			
Plating, thickness of	@ 5/16			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	60 x 59			
" " " " in way of Bridge	✓			
" Angle in Wells	6 x 6 x 59			
Thickness of Plating abreast Deck openings in way of Wells	.50			
Thickness of Plating abreast Deck openings in way of Bridge	.38			
Thickness of Plating within line of openings...	2 1/2 wood over keel			
If Sheathed, material and thickness	2 1/2 wood over keel			
Second Deck.				
Stringer Plate, breadth and thickness in Wells...	66 x 40			

SHELL PLATING.

SCANTLING.												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	5 1/2	.78	.68	.68		Double	1	3 3/4	4 + 3	1	4	Lapped					
„ DELG. (if any)	✓																
BOTTOM PLATING, No. of Strakes	A } B } C }	.59	.50	.59	to Gen. B.M.S. locally	“	7/8	3 3/4	3	7/8	3 3/8	“					
BILGE PLATING, No. of Strakes	D	.59	.50	.59	“	“	“	“	3	“	“	“					
SIDE PLATING, No. of Strakes	E } F } G }	.59	.46	.59	locally	“	“	“	3	“	“	“					
UPPER DECK, Sheer-strake in Wells	51	.66	.46	.46	✓	“	“	“	4 + 3	7/8	3 1/2	“					
UPPER DECK, Sheer-strake in Bridge ...	✓																
STRAKE BELOW SHEER-strake in Wells	84	.63	.46	.46	✓	Double	7/8	3 3/4	3	7/8	3 3/8	“					
STRAKE BELOW SHEER-strake in Bridge ...																	
POOP SIDE PLATING				✓													
BRIDGE SIDE PLATING ...	✓																
FORECASTLE SIDE PLATING			.42			Single	3/4	3	Single	3/4	2 7/8	“					

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	Fore Peak M.S.
" Deck next below	6
As per Rule	7

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Real plate			
STEM	10 x 2 1/4 Rolled bar			
STERN FRAME				
Propeller Post	Cast	Stream	Stream	
Rudder "	Steel	Line	Line	
RUDDER—A x D. 14 1/2 x 4 1/2	71	690	Stream	Verked
Speed of Vessel		10 3/4 knots		
RUDDER mainpiece at head	Forged	Rudder stock 11 1/2 dia		
" " " " " "	Steel	Stream		
" " " " " "		Line		
" " " " " "		per plan		
" how constructed	Cast steel			
" double or single plate	Double 50 plates			
" 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)
	Cussett Iron Co. Appleby, Frodingham, Shrimmingrove Iron, Cargo Steel
	Donnan Long, Colliers, L. Mark Shire Steel Co.
	Has the Steel been tested as required by the Rules?
	Yes

EQUIPMENT No. 39540

LETTER

27

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 15.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
35487	1st Bower	68 1 7	Stockless	52 18 3 0		Proper improved	✓	Under test 19.10.35 J. H. Butler
35486	2nd "	68	"	52 12 2 0		"	✓	"
35497	3rd "	58 2 21	"	47 12 2 0		"	✓	"
35454	Stream	19 0 21	4 3 7	20 1 3 14		Rogers type	S. Taylor & Sons	Under test 22.8.35 J. H. Butler

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size per Table 15.	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 15.
87643	270 2 1/2	100 5 1/4 1/10	577.2.21	720 3 1/4	270 2 1/2	S. Taylor & Sons	Under test 25.11.35 J. H. Butler	TOWLINE	120 4 3/4	64.6	120 C 4 3/4
								HAWKERS & WARPS	2090 8	25.2	2090 8
									2090 7	19.6	2090 7

Steering Gear, Steam	Douglas (Wilson Prime type)	Steering Gear, Hand	Tackle to which
Boats	2 wood lifeboats each 45 persons	Steering Chains, Size and Test	✓
Ceiling in Holds, thickness and material	2 1/2 over timbers only	Cargo Battens, thickness, material and spacing	6 x 2 1/2 9' apart
Cargo Hatchways.—(Upper Deck)	Plates & angles	Thickness of Hatches	2 1/2
Size of No. 1 Hatchway (Forward)	27-3 x 22	No. 2	30 x 22
No. 3	22-6 x 22	No. 4	15 x 22
No. 5	30 x 22	No. 6	34 x 22
Number of Shifting Beams and/or Fore and Afters	5 webs each at No. 1, 2, 3 & 4 Hatches, 4 at No. 2 A		
	5 2 at the deep tank hatch - no fore & afters.		
	FOR SWAN, HUNTER, & WIGHAM RICHARDSON, LTD.		
	Builder's Signature		

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel ☒ (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been constructed in accordance with the approved plans, the Secretary's letters, & generally conforms with the Society's Rules for the Class contemplated. The materials & workmanship are good. The weather decks, W.T. Bulkheads, tunnel & W.T. doors have been close tested & found satisfactory. All double bottom tanks, deep tank, & fore & after peak tanks have been tested as required by the Rules & found satisfactory. The assigned freeboards have been marked on vessel's sides, verified & cut in. The transverse and longitudinal bulkheads have been constructed by electric welding, and the plating connections of the

The amount of Entry Fee	£ 9 : 0 : 0	Fees apply	
Special Survey Fee	£ 331 : 13 : 6	Received by me,	
Freeboard	£ 16 : 0 : 0	12-3 1936	
Travelling Expenses, if any £	:		

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

State whether the Vessel has been built under Special Survey ☒ Signature **H. T. A. Kester**

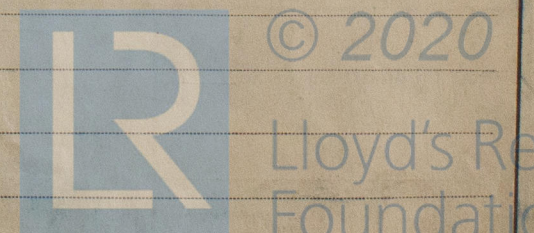
Certificate to be sent to **Newcastle on Type** Date of issue **10/3/36** Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI. 13 MAR 1936**

Character assigned **+ 100 A1 with 2nd**

Lloyd's A & C.P. Part Electrically welded including decks.

+ LMC 2.36 F.D. C.L.



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.)

hulk top, hulk side and decks have been made in a similar manner, the reverse frames and beams, however being riveted to the plating. Murex Cresta electrodes of gauge 10, 8 & 6 have been used throughout. Deck houses, masts, derrick posts, pillars & many other items have also been electrically welded. Generally the plate connections are of the butt type.

The approved plans (28 in number) also forming Certificate are sent herewith, together with midship Section profile as built.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		with pin		without pin		
		Cuts.	grs. lbs.	Cuts.	grs. lbs.	
	1st Bower.	43 . 3 . 7	12	No 509	23 . v . 35	39 . 2 . 24
	2nd „	43 . 3 . 7	12	No 514	24 . v . 35	39 . 2 . 6
	3rd „	37 . 3 . 7	12	No 616	19 . vi . 35	33 . 3 . 24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *Complete Shelter deck*

with tonnage opening. Shelter dk (8k) & 1 dk. (8k)

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *Cruiser Stern* (part e.w. incl. Dks) Engine & Boiler Room tanks if not g only

Official No. *161592*; Signal Letters *Bilges throughout coated with cement.* Is bottom of Vessel coated with cement *only*

particulars of composition

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	°Length.	Water Capacity.	Where Fitted.	°Length.	Water Ca.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	14.5	407	Fore peak tank,	20.75	10
Double bottom, under Engines and Boilers,	42.5	216	After peak tank,	34.25	10
Double bottom, if under Engines only,	✓		Deep tank, aft,	32.5	136
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	168.25	592	Other tanks, if fitted,	✓	
Total capacity of double bottom		1215	(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					
355.75 = 256					

Order for Special Survey No. *5497*

Date *2.8.35*

Dates of Surveys held while building

1935 July 15. 23. 26. 27. Aug. 6. 13. 15. 19. 23. 27. 30. Sep. 3. 4. 6. 9. 11. 12. 16. 17. 18. 20. 23. 24. 25. 26. Oct. 1. 4. 7. 8. 9. 10. 14. 16. 18. 21. 22. 23. 25. 28. 30. 31. Nov. 4. 5. 6. 11. 13. 14. 15. 18. 21. 22. 28. Dec. 3. 10. 12. 13. 18. 23. 24. 27. 30. 1936 Jan. 6. 7. 8. 9. 10. 14. 17. 21. 22. 24. 31. Feb. 5. 10. 13. 14. 18. 19. 24. 26. 27.

Lloyd's Register Foundation

Total No. of Visits *86*