

# RECEIVED STEEL STEAMER OR MOTORSHIP.

Received at London Office 25 AUG 1948  
 DISCLOSED SECTION  
 No. 796  
 105481  
 95564

30 AUG 1948  
 IN D. SECTION  
 No. 796  
 Date of completion of report 20<sup>th</sup> August 1948 Port of NEWCASTLE-ON-TYNE No. 105481  
 Survey held at Helburn-on-Tyne Date First Survey 11<sup>th</sup> December 1947 Last Survey 28<sup>th</sup> July 1948  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "STANFIRTH" Machinery amidships  
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Intermediate between Full Scantling & Complete Super-structure State Type of Erections Focle & Raised Quarter Deck.

TONNAGE under } 6649.22  
 Tonnage Deck ... }  
 Do. of space or spaces }  
 between Tonnage Dk. }  
 and Upper Dk. }  
 Total  
 Gross Tonnage 7284.84  
 Register Tonnage 5146.95

CLASS +100A1 State if with freeboard } 45  
 as condition of Class } FEET  
 Length from fore part of stem to after part of stern } L 425'-0"  
 post on summer L.W.L. See Sec. 3 (1a) }  
 Breadth (greatest moulded) } B 56'-0"  
 Depth, at middle of length from top of keel to top } D 37'-0"  
 of beam at side of uppermost continuous }  
 deck. See Sec. 3 (1c) }  
 1st Longitudinal Number (L x D) = 15.725  
 2nd Numeral L x (B + D) = 39.525  
 Framing Depth "d," at middle of length. See } 21.83'  
 Sec. 3 (1d) }  
 Proportions—Depth to Length—Uppermost con- } 11.18  
 tinuous deck to top of keel }  
 Do. Long Bridge to }  
 top of keel }  
 Draught Moulded 26'-8 3/16"

Built at South Shields  
 Launched 17<sup>th</sup> October 1944 Yard No. 541  
 Builders Messrs J. Readhead & Sons Ltd  
 Owners Stanhope Steamship Co. Ltd.  
 Managers  
 (Where necessary to be entered in Reg. Book)  
 Residence  
 Port of Registry London  
 If surveyed while building, afloat, or in dry dock  
 Yes

## REGISTERED DIMENSIONS.

FEET

Length 431.2  
 Breadth 56.3  
 Depth 35.6

## 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	36"	✓	Bracket Floors, Frame	✓	
" " from 1/3 length amidships to Collision bulkhead	27"	✓	" " Reversed Frame	✓	
" " in peaks	24"	✓	" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	43 1/4" x 54"	✓
Frame Amidships, Angle, E or F	12" 3 1/2" 5/8"	✓	" " top Angles	double 3 1/2" 3 1/2" x 48"	✓
" " - Extends up to { Second deck and to upper deck every 3rd frame and where cantilever or transverse fitted		✓	" " bottom Angles	4" 4" x 54"	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 7" 3 1/2" 42 BA to shell	✓
" " Extends up to	✓		" " thickness	7" 3" 42 BA to tank top	✓
Depth of Framing Girder	✓		" " 7" 3" 42 BA vertical struts	56"	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	6" 3 1/2" 44	✓	Margin Plate depth (excl. of flange) and thickness	✓	
" " Second 'tween Decks, Angle, E or F	✓		" " Vertical Angle to Tank side	✓	
" " Third	✓		" " Bracket abaft 1/4 len. from stem	welded	✓
" " from 1/2 len. for'd. to 15% len. from Stem	12" 3 1/2" 5/8 BA	✓	" " Vertical Angle to Tank side	✓	
" " in Peaks, Angle or F	8" 3 1/2" 35	✓	" " Bracket from forward 1/4 len. from stem to Panting Area	welded	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" dia multiple spacing 3" 6" apart	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	14" x 42" flanged 3 1/2"	✓
State if Frame Joggled	Yes	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	14" x 42" flanged 3 1/2"	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	11 1/16" x 48"	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	✓	INNER BOTTOM PLATING.		
DOUBLE BOTTOM.			Breadth and thickness of Middle Line Strake	46" plated transversely	✓
Floors, Depth and thickness at mid-line in Holds			Thickness of remainder in Holds	46" x 54" inside patchway	✓
Height of Brackets at side above base line at toe of frame			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	✓
Middle Line Keelson, on Floors, Angles, E or F			BEAMS.		
" " Through Plate or Inter-costal Plate			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6" 3 1/2" x 40 BA	✓
" " Foundation Plate on Floors			" " in way of Bridge, Angle, E or F	longitudinals with transverse beams of 12" x 4" x 4" x 59/60 channels spaced 9'-0" apart	✓
" " Flat Plate Keel Angles			Spacing		
Keelsons, No. each side			Second Deck, amidships, Angle, E or F	7" x 3" x 40 BA	✓
thickness of Intercoastal Plate			Spacing	longitudinals with cantilevers of 50" plate with 14" x 1" top & 16" x 1" bottom face plates, spaced 9'-0" apart	✓
Angles			Third Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	42" sp. 36"	✓	Fourth Deck, amidships, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	Frames joggled	✓	Spacing		
Bracket Floors, breadth and thickness at middle line	✓		RAISED QUARTER.		
" " breadth and thickness at margin plate	✓		Peep Deck, Angle, E or F	7 3 33 spaced 24"	✓



# PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing	✓				
in Holds	✓				
Centre Line Bulkhead. Stiffeners and Spacing		10" x 3 1/2" x 3/8" BA.			
Plating, thickness of		sp. 3/16" to 4/16"			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		90 1/4" x 70"			
in way of Bridge	✓				
Angle in Wells		6" x 6" x 68"			
Thickness of Plating abreast Deck openings in way of Wells next to stringer		.65"			
Thickness of Plating abreast Deck openings in way of Bridge next to hatchways		.70"			
Thickness of Plating within line of openings		.40"			
If Sheathed, material and thickness		2 1/2" Oregon Pine			
Second Deck.					
Stringer Plate, breadth and thickness in Wells		.44"			
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating within line of openings					
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness	✓				
If Plated, state thickness					
Fourth Deck.					
Stringer Plate, breadth and thickness	✓				
If Plated, state thickness					
RAISED QUARTER					
Peep Deck.					
Stringer Plate, breadth and thickness		.54 to .42"			
Plating, Sheathing, material and thickness		.44" to .36"			
Bridge Deck.					
Stringer Plate, breadth and thickness					
Plating, Sheathing, material and thickness					
Forecastle Deck.					
Stringer Plate, breadth and thickness		.36"			
Plating, Sheathing, material and thickness		.32"			

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	No.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Flat Plate Keel.....	55 7/8	.80	.70	.70		Double	7/8	3 1/2	Welded	-	3 1/2	
„ Dblg. (if any) .....	✓											
Bottom Plating, No. of Strakes .....	72 7/8	A x C .64	.50	.50		Double	7/8	3 1/2	Four	7/8	3 1/2	Lapped
Bilge Plating, No. of Strakes .....	94	.68	.50	.50		- do -	- do -	- do -	- do -	- do -	- do -	Single str
Side Plating, No. of Strakes .....	94 7/8	.68	.46	.46		- do -	- do -	- do -	Three	- do -	3 1/8	Lapped
Upper Deck, Sheer-strake in Wells.....	92 7/8	.73	.46	.46		- do -	- do -	- do -	Four	1	4	- do -
Upper Deck, Sheer-strake in Bridge .....												
Strake below Sheer-strake in Wells.....												
Strake below Sheer-strake in Bridge .....												
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating.....												

✓ Bottom shell for of 1/2 length .75" thick

„ „ „ 3/5 „ .70" "

✓ Plating increased to .58" in painting area in lieu of side stringers

Single	3/4"	3"	Single	3/4"	2 5/8	Lapped
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FORGINGS AND CASTINGS.

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	6
Deck next below	1
As per Rule	7

### STIFFENERS.

MIDSHIP BULKH'D, Upper 'tween decks	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
Second	.375"	5 x 3" x 40' OA with 41" to 3 x 3" x 36" x 47"			
Third	.26"	3 1/2 x 3 1/2" OA with 5 x 3 1/2" x 40" x 30"			
Holds	.34 x .38	Corrugated 2 x 8 x 3 x 38 6A	19 1/2" to 22 3/4"		
COLLISION	.36" - .53"	6 x 3 1/2" x 30' OA	24"	2 semi-box beams	
AFTER PEAK	.30" - .75"	6 x 3 1/2" x 30' OA	24"	2 semi-box beams and tunnel recess	

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Dep. from App. Plans to be Noted.
KEEL, Bar				
STEM				
STERN FRAME				
Speed of Vessel				
RUDDER—Type				
A x D.				
Diam. of head				
Mainpiece at top pintle				
heel				
how constructed				
double or single plate coupling, vertical or horizontal				

### STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Corsett Iron Co. Appleby Frodingham Steel Co. Dorman Long & Co. Cargis Fleet & South Durham Steel

Skinner's Iron Co.

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







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