

## STEEL STEAMER or MOTORSHIP.

Received at London Office

6 AUG 1930

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 2/8/30

Port of

No. 86043Survey held at Blyth

Date First Survey

20 Jan 1930Last Survey 1st August

1930

On the not SteamerHolmside

State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening)

Full scantlingsState Type of Erections Coop Bridge & ForecastleTONNAGE under Tonnage Deck... 2932.28

GLASS

100 A

State if with freeboard as condition of Class

NoBuilt at BlythLaunched 11 June 1930 Yard No. 248Builders Cowper D.D. & S.B.C. LtdOwners Burnett S.S.C. LtdManagers D.  
(Where necessary to be entered in Reg. Book.)Residence Newcastle-on-TynePort of Registry Newcastle

Surveyed while building, afloat, or in dry dock

Built under Special Survey

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

Total 2932.28Gross Tonnage 3433.01Register Tonnage 2038.30REGISTERED DIMENSIONS.  
FEET.Length 338.0Breadth 48.05Depth 22.4Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) } L 338.0Breadth (greatest moulded) ..... B 47.83Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 25.461st Longitudinal Number (L x D) ..... = 86052nd Numeral L x (B + D) ..... = 24772Framing Depth "d," at middle of length. See Sec. 3 (1d) ..... 21.74Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... 13.27Do. Long Bridge to top of keel ..... 10.1Draught Moulded ..... 21.94

## 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	<u>25 1/2</u>	—	Bracket Floors, Frame	<u>B.A.</u>	<u>7 1/2</u> <u>3 1/2</u> <u>4.6</u> —
" " from 1/4 length to Collision bulkhead	<u>25 1/2</u>	—	" " Reversed Frame	<u>B.A.</u>	<u>7</u> <u>3</u> <u>4.6</u> —
" " in peaks	<u>Fore peak 21</u> <u>after peak 24</u>	—	" " Vertical Struts	<u>B.A.</u>	<u>7</u> <u>3</u> <u>4.6</u> —
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>48 1/2</u> <u>5 1/2</u> <u>4.8</u>	—
Frame Amidships, Angle, E or F	<u>@ 4' 0" D.B.</u> <u>10</u> <u>3 1/2</u> <u>5.4</u>	—	" " top Angles	<u>Single</u>	<u>5</u> <u>5</u> <u>4.5</u> —
" " Extends up to	<u>Upper Dk. + Bridge alternately</u>	—	" " bottom Angles	<u>Single</u>	<u>6</u> <u>6</u> <u>5.2</u> —
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<u>One</u> <u>3.6</u>	—
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<u>4 1/2</u> <u>5 1/2</u> <u>4.3</u>	<u>31</u> <u>4.3</u>
Depth of Framing Girder	<u>Built angle 10</u>	—	" " Vertical Angle to Tank side	<u>3 1/2</u> <u>3 1/2</u> <u>3.6</u>	—
Intermediate Frames in Uppermost Continuous Deck, Angle, E or F	<u>3 1/2</u> <u>3</u> <u>3.6</u>	<u>Extra</u>	" " Bracket abaft 1/4 len. from stem	<u>3 1/2</u> <u>3 1/2</u> <u>3.6</u>	—
" " Second between Decks, Angle, E or F	<u>at Bridge Ends as per plan.</u>	—	" " Vertical Angle to Tank side	<u>3 1/2</u> <u>3 1/2</u> <u>3.6</u>	—
" " Third " " "			" " Bracket forward 1/4 len. from stem	<u>3 1/2</u> <u>3 1/2</u> <u>3.6</u>	—
Framing in Peaks, Angle or F	<u>6 1/2</u> <u>3</u> <u>4.4</u>	—	" " Gussets, spacing and scantling	<u>Continuous plate 3.6</u>	—
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>7/8</u> <u>S = 6 1/2</u>	—	" " Gussets, spacing and scantling	<u>Double angles as above.</u>	—
State if Frame Joggled	<u>Joggled at peaks.</u>	—	Tank Side Brackets, height above base line at toe of Frame and thickness	<u>60</u> <u>63</u> <u>4.1</u>	—
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>Frames 12 x 3 1/2 x 3 1/2 x 5.6</u> <u>3 Side Stringers 4.0</u>	—	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>Floors every frame 2 1/2 x 2 1/2 x 5.6</u> <u>Single 5 1/2 x 3.6 S = 2 1/2</u> <u>Double " " S = 2 1/2</u> <u>Extra in forecabin.</u> <u>3 Shakes. Shell increased 5/8 S.</u>	—	Breadth and thickness of Middle Line Strake	<u>Fore 70 x 6.1</u> <u>after 78 1/2 x 4.5</u>	<u>4.7 1/2 x 4.5</u>
SINGLE BOTTOM.			Thickness of remainder in Holds	<u>59</u> <u>54</u>	—
Floors, Depth and thickness at mid-line in Holds			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?	<u>Yes</u>	—
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, E or F			Uppermost Continuous Deck, amidships	<u>7</u> <u>3</u> <u>3.4</u>	—
" " Through Plate or Intercoastal Plate			" " in Wells, Angle, E or F	<u>5</u> <u>3 1/2</u> <u>4.2</u>	—
" " Foundation Plate on Floors			" " in way of Bridge, Angle, E or F	<u>9</u> <u>3 1/2</u> <u>4.2</u>	—
" " Flat Plate Keel Angles			" " Spacing	<u>1/2 Beams</u>	—
Side Keelsons, No. each side			Second Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Third Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	<u>3.6</u> <u>Every 3rd frame</u>	—	Fourth Deck, amidships, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	<u>Frames Yes</u> <u>Rev " No</u>	—	Spacing		
Bracket Floors, breadth and thickness at middle line	<u>3' 0" 3' 4 1/2" x 3.6</u>	—	Poop Deck, Angle, E or F	<u>6 1/2</u> <u>3</u> <u>3.2</u>	—
" " breadth and thickness at margin plate	<u>3' 0" 3' 4 1/2" x 3.6</u>	—	Spacing	<u>0.2</u> <u>Every frame</u>	—



# 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>	<i>Can filer Brackets 40</i>					Stringer Plate, breadth and thickness in way of Bridge .....			
" in 'tween Decks, Size and Spacing .....	<i>at hatch sides, spaced as per plan.</i>					Thickness of Plating abreast Deck openings in way of Wells .....			
" " " " " " " "	<i>Also can filer Brackets at hatch ends.</i>					Thickness of Plating abreast Deck openings in way of Bridge .....			
" " " " " " " "	<i>Bridge 'tween decks</i>					Thickness of Plating within line of openings .....			
" " " " " " " "	<i>One row 2 3/4</i>					If Sheathed, material and thickness .....			
" " " " " " " "	<i>all beams.</i>					<b>Third Deck.</b>			
<b>Centre-Line Bulkhead.</b>						Stringer Plate, breadth and thickness .....			
Stiffeners and Spacing .....						If Plated, state thickness .....			
Plating thickness of .....						<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	77	90		—		<b>Poop Deck.</b>			
" " " " in way of Bridge	78 x 36	85 x 90		—		Stringer Plate, breadth and thickness .....			
" " " " Bridge Ends		1-16		—		Plating, Sheathing, material and thickness			
" Angle in Wells	6	6	78	—		Sheathed 30 26			
Thickness of Plating abreast Deck openings in way of Wells	60	40		—		Not sheathed 35 30			
Thickness of Plating abreast Deck openings in way of Bridge	72	48		—		<b>Bridge Deck.</b>			
Thickness of Plating within line of openings	90	32		—		Stringer Plate, breadth and thickness .....			
If Sheathed, material and thickness	at Bridge	30		—		Plating, Sheathing, material and thickness			
	at winch platforms	38		—		Not Sheathed 38 52			
	at accommodation only			—		Sheathed 35 32 x 26			
<b>Second Deck.</b>						<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells				—		Stringer Plate, breadth and thickness .....			
				—		Plating, Sheathing, material and thickness			
				—		35 32			
				—		Sheathed at windlass only.			

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.	STRAPPED OR LAPPED.	
	Inches.	Inches.	Inches.	Inches.			Diam. Spacing or to cr.		Diam. Spacing or to cr.		
FLAT PLATE KEEL .....	47	67	61	61	—	Double.	7/8 35	Treble 7/8	7/8 35	Lapped	
" <b>BALG.</b> (if any)											
BOTTOM PLATING, No. of Strakes .....	76	53	43	53	—	"	7/8 35	"	7/8 35	"	
BILGE PLATING, No. of Strakes .....	72 1/2	53	45	53	—	"	7/8 "	"	7/8 35	"	
SIDE PLATING, No. of Strakes .....	70	53	42	53	—	"	7/8 "	"	7/8 35	"	
UPPER DECK, Sheer-strake in Wells .....	49	78	42	42	—	D° Lower edge	1 35	Quad 1/2 L.	1 4	"	
UPPER DECK, Sheer-strake in Bridge ...	49	53	—	—	—	Double.	7/8 35	Treble.	7/8 35	"	
STRAKE BELOW Sheer-strake in Wells .....	49	67	42	42	—	D° Lower edge	7/8 "	Quad 1/2 L.	7/8 35	"	
STRAKE BELOW Sheer-strake in Bridge ...	49	53	—	—	—	Double.	7/8 "	Treble.	7/8 35	"	
POOP SIDE PLATING .....			36	—	—	Single.	3/4 3	Single.	5/8 2 1/4	"	
BRIDGE SIDE PLATING ...			51	—	—	Double.	7/8 35	Treble.	7/8 35	"	
FORECASTLE SIDE PLATING			38	—	—	Single.	3/4 3	Single.	3/4 2 1/8	"	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		Six				
" Deck next below		None N. J. = Two				
As per Rule		Six				
		Plating Thickness,	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings,	Spacing.	Scantlings,	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks		26-38	B. a. 11 x 3 1/2 x 51 ft 10 x 3 1/2 x 48 ft 30"		—	
" " Second		26-37	8 1/2 x 3 x 40 10 x 3 1/2 x 46 ft 30"		—	
" " Third		26-43	10 x 3 1/2 x 53 30"		—	
" " Holds		26-38	12 x 3 1/2 x 48 ft 30" 11 x 3 x 43		—	
COLLISION		35-48	5 1/2 x 3 x 34 ft 8 x 3 x 48		N. J. Flat 24 Semi. Box	
AFTER PEAK		35-47	6 x 3 x 42		24" recess top 2 semi. box 1 1/2 oz. stiff. 6	
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				
		Dorman Long, South Durham, Consalt, Appleby Ironworks, Cargo Fleet, Frodingham.				
Has the Steel been tested as required by the Rules?		Yes.				

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....		<i>Flat Plate Keel.</i>		
<b>STEM</b> .....	<i>Rolled</i>	<i>8 1/2 x 2 3/8</i>	<i>Frodingham</i>	
<b>STERN FRAME</b>	Propeller Post .....	<i>Forged</i>	<i>9 5/8 x 6 1/4</i>	<i>Darlington</i>
	Rudder .....		<i>8 5/8 x 6 1/4</i>	<i>Forge Co. Ld.</i>
<b>RUDDER—A x D</b> .....		<i>Balanced Rudder as per approved plan.</i>		
<b>Speed of Vessel</b> .....		<i>10</i>	<i>Knots.</i>	
<b>RUDDER</b>	mainpiece at head .....	<i>Stock</i>	<i>7 1/4 dia.</i>	<i>Darlington.</i>
	mainpiece heel .....		<i>7 3/4 x 10 3/4 dia.</i>	<i>Forge Co. Ld.</i>
" " "			<i>7 5/8 dia.</i>	
" how constructed .....	<i>Balanced reaction:— Forged &amp; built.</i>			
" double or single plate .....	<i>85.</i>			
" coupling, vertical or horizontal .....	<i>19 3/4 x 2 1/4</i>			

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

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Lloyds Register Foundation



EQUIPMENT No. <u>26175</u>												LETTER <u>V</u>		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.	Cwts.					
63573	1st Bower ...	48	3	10	Stockless			41	13	1	21	48 <sup>3</sup> / <sub>4</sub>	Byers' Type	S. Taylor & Son, I.P.H.T.	28-3-28		
63564	2nd " ...	48	2	7	D°			41	8	3	0	48 <sup>3</sup> / <sub>4</sub>	" "	D° L°	" "	# C. Leeson	
63572	3rd " ...	41	3	7	D°			36	19	1	14	41 <sup>1</sup> / <sub>2</sub>	" "	D°	" "	8-4-30 " "	
	Collective weight.	139	0	24								139.				" "	9-4-30 " "
63611	Stream .....	13	2	14	3	2	12	15	5	3	21	13.	Common	D°	" "	" "	23-4-30 " "

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.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Tons.	Length.	Cir.	
14347.	Fathoms. 270	Ins. 2	Tons. 72	Tons. 100 <sup>8</sup> / <sub>10</sub>	Cwts. qrs. lbs. 548-1-7	Cwts. 538 <sup>3</sup> / <sub>4</sub>	Fathoms. 270	Ins. 2	Shed Link.	S. Taylor & Son L <sup>d</sup> .	I. P. H. I. N. 1-2-30 a Green.	TOWLINE...	Fathoms. 120	Ins. 4	Tons. 35-2	Fathoms. 120	Ins. 4		
												HAWSERS & WARPS	4-90	2 <sup>1</sup> / <sub>2</sub>	21-1	4-90	2 <sup>1</sup> / <sub>2</sub>		
												"	2-90	3 <sup>1</sup> / <sub>2</sub>	35-2				
Iron Stream Chain or Steel Wire	90	Cir. 4 <sup>1</sup> / <sub>2</sub>	43-3	-			90	Cir. 4 <sup>1</sup> / <sub>2</sub>											
Steel wires certified by "British Rope L <sup>d</sup> ."																			

Steering Gear, Steam *Donkin & Co L°* Steering Gear, Hand *Blocks & wire tackles led to winch*

Boats *2 Lifeboats, Dinghy 15-0"* Steering Chains, Size and Test *1" Test = 12 tons, I.P.H.I.N.* Windlass *Emerson Walker & Thompson L°*

Ceiling in Holds, thickness and material *None.* Cargo Battens, thickness, material and spacing *None.*

Cargo Hatchways.-(Upper Deck) *Usual construction: - on top of bunks* Thickness of Hatches *Pine 3"*

Size of No. 1 Hatchway (Forward) *22'-6" x 27'-0" No. 2 25'-6" x 27'-0" No. 3 28'-7 1/2" x 27'-0" No. 4 7'-6" x 17'-0" No. 5 37'-1 1/2" x 27'-0" No. 6 40'-4 1/2" x 27'-0"*

Number of Shifting Beams and/or Fore and Afters *No. 1 & 2 Hatches = 4 webs. No. 3 = 5 webs. No. 4 = 1 web. No. 5 = 6 webs. No. 6 = 7 webs*

Builder's Signature

For and on behalf of  
COY. L. N. DRY DOCK & SHIPBUILDING CO., LTD.  
*W. H. G. G. G.*  
General Manager.

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans. The Secretary's Letters & in other respects in conformity with the Society's Rules & Regulations. The materials & workmanship are good.*

*The weather decks, the W. & S. Bulkheads & the tunnel were holed & found in good order. The peak & the double bottom tanks were all tested as required by the Rules & found satisfactory. The freeboard assigned in the Secretary's Letter dated 24<sup>th</sup> June 1930, has been duly marked, verified & cut in on the vessel's side. Freeboard Report No. 85899. Both the steering gears were found to be working satisfactorily. The W. & S. door & the hand pump to the top of the fore peak tank were tested & found to be efficient.*

The amount of Entry Fee ..... £ *7: 0: 0* Fees applied for, *5 AUG 1930*  
Special Survey Fee.... £ *246: 13: 0* Received by me, *29.8.30*  
Freeboard *7 10 0*  
Travelling Expenses, if any £ : : :  
I am of opinion the Vessel should be Classed *100 A.1.*

State whether the Vessel has been built under Special Survey *Yes* Signature *T. H. Osborn* Thomas S. Shuck  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Newcastle-on-Tyne* Date of issue *1/9/30*

Committee's Minute *TUE. 12 AUG 1930*  
Character assigned *+ 100 A.1*

*Lloyd's A&CP*  
*Cargo Battens not fitted*  
*L.M.C. 8.30*  
*Cl.*

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



and Name of any

The approved plans (10 in number) are enclosed.

	<i>C. g. lbs</i>	<i>Wish. pers.</i> <i>C. g. lbs.</i>				
1st Bower	27-0-1.	30-0-12.	No 3622.	N Berg	28-3-28	Dusseldorf
2nd "	27-0-3.	30-1-0.	- 3621.	" "	"	"
3rd "	24-3-17.	27-1-10.	- 2167.	A. Benneft.	7-2-29	Antwerp.

No. and Material of Decks (this information is to be given as it should appear in the Register Book). 1. D<sup>4</sup> (S<sup>10</sup>). No cargo battens.  
Trunk in forward & after wells.

Official No. 161556 ; Signal Letters ..... Is bottom of Vessel coated with cement ..... if not give particulars of composition Full cement fore & aft in double bottom

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	116-7½	445	Fore peak tank,	—	107
Double bottom, under Engines and Boilers,	40-4½	206	After peak tank,	—	162
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	136-9	547	Other tanks, if fitted,		
	Total capacity of double bottom	1198	(If necessary, furnish further information by sketch.)		

Date 9.12.29

Dates of Surveys held while building

1930  
Jan 20 27 Feb 1 3 11 14 17 24 Mar 3 6 10 15 17 26 31 Apr 8 10 11 15 25 28 30 May 1 5 6 16 19 20  
21 22 23 26 27 28 29 June 3 4 5 7 11 12 16 17 18 20 23 27 July 4 28 29 30 Aug 1

Total No. of Visits.....52.