

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office 25 FEB 1930

State if Report has been sent on the Freeboard of the Vessel *No*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

22 Feb. 1930

Port of

HULL

No.

40670

Survey held at

Beverley & Hull

Date First Survey

26 Oct/29

Last Survey

11 Feb 1930

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single screw hutch "LOCH INVER" having machinery aft.

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

Steam hawler

State Type of Erections

W. P. & F. C.

TONNAGE under Tonnage Deck...

317.46

CLASS

100 A1

State if with freeboard as condition of Class

No

Built at

Beverley

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. 2 (1a)

L 140.0

Launched

15-1-30

Yard No.

537

Total

317.46

Breadth (greatest moulded)

B 23.87

Builders

Cook, Welton & Gemmell, Ltd.

Gross Tonnage

356.13

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 2 (1c)

D 14.00

Owners

A. & M. Smith, Ltd.

Register Tonnage

151.44

1st Longitudinal Number (L x D)

= 1960

Managers

✓

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

REGISTERED DIMENSIONS.

FEET.

Length

140.3

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

✓

Breadth

24.0

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

10.0

Depth

13.2

Do. Long Bridge to top of keel

✓

Port of Registry

Aberdeen.

If surveyed while building, afloat, or in dry dock

B. & A.

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	20		Bracket Floors, Frame		
" " from length to Collision bulkhead	20 16 20		" " Reversed Frame		
" " in peaks	20		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle $\frac{1}{2}$ or $\frac{3}{8}$	$4\frac{1}{2}$ 3 $\frac{8}{10}$		" " top Angles		
" " Extends up to	deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 $\frac{3}{8}$		Side Girders, No. each side and thickness		
" " Extends up to	across floors		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	Where no cement.		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle $\frac{1}{2}$ or $\frac{3}{8}$			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle $\frac{1}{2}$ or $\frac{3}{8}$			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{8}$	$4\frac{1}{2}$ 3 $\frac{8}{10}$		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ 5 $\frac{1}{4}$		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7, state system and particulars)	12		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	closer frame spacing, & rivetting. Lower deck beams & stringers.		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		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	17 $\frac{6}{16}$		Uppermost Continuous Deck, amidships	6 3 $\frac{9}{10}$	
Height of Brackets at side above base line at toe of frame	flat topped.		" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{8}$		
Middle Line Keelson, on Floors, Angle $\frac{1}{2}$ or $\frac{3}{8}$	8 3 $\frac{1}{2}$ 44		Spacing	Alternate frames.	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle $\frac{1}{2}$ or $\frac{3}{8}$		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle $\frac{1}{2}$ or $\frac{3}{8}$		
Side Keelsons, No. each side	5 4 42		Spacing		
" " thickness of Intercoastal Plate	none		Fourth Deck, amidships, Angle $\frac{1}{2}$ or $\frac{3}{8}$		
" " Angle	5 4 $\frac{8}{10}$		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle $\frac{1}{2}$ or $\frac{3}{8}$		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled			Bridge Deck, Angle $\frac{1}{2}$ or $\frac{3}{8}$		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle $\frac{1}{2}$ or $\frac{3}{8}$	4 3 $\frac{3}{8}$	
			Spacing	30	

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.....	1			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..			
„ „ „ „ „				If Sheathed, material and thickness			
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	28	6/16		If Plated, state thickness			
„ „ „ „ in way of Bridge			✓	Poop Deck.			
„ Angle in Wells	3	3 3/8		Stringer Plate, breadth and thickness			
Thickness of ^{TIE} Plating abreast Deck openings in way of Wells	10	36		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge ^{E. & B.}	5/16	4 6/16		Bridge Deck.			
Thickness of Plating within line of openings...	5/16	4 7/16		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	3	P.A.		Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck. <i>Whaleback</i>			
Stringer Plate, breadth and thickness in Wells...			✓	Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness ...			

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 4

„ Deck next below 1

As per Rule 3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		rolled 8x2	Frodingham	
STEM		" "	" "	
STERN FRAME { Propeller Post		F.S. 6x3 1/4	Emerson, Walker	
{ Rudder "		" "	" "	
RUDDER—AxD		42.5 x 2.13 = 90		
Speed of Vessel		under 12 knots		
RUDDER mainpiece at head		F.S. 5 1/2	Emerson, Walker	
" " heel		4 x 3	" "	
" how constructed		stock, Bow & arms in one piece.		
" double or single plate30		
" coupling, vertical or		none		
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	"			
"	"	Third	"			
"	"	Holds				
COLLISION		"	(in Hold)			
AFTER PEAK		"	"			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*
Consett Iron Co., Ltd. — South Durham S. & L. Co., Ltd. — Pease & Partners, Ltd. —

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

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.)

This hauler has been built in accordance with the approved plans, with the Secretary's letters and otherwise with the Society's Rules. The material and workmanship are satisfactory. The two peaks, the W.T. flat, deck, gutterway, casing, pumps, windlass, sheering gear and W.T. door have been tested.

The launch of this vessel was not witnessed, owing to the early hour at which it was done.

The approved plans are
Midship Section.
Stern Frame & Rudder.

Profile & Deck.
Pumping Arrangement.

Sister vessels are

No. 532	Westray Firth	Report No. 40366
" 531	Solway Firth	" " 40333
" 524	St. Gerontius	" " 40135
" 523	St. Honorius	" " 40087

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower
2nd "
3rd "

Forged open hearth ingot steel.
" " " " "
" wrought iron.

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.

No. and Material of Decks (this information is to be given as it should appear in the Register Book).

Official No. 148942 Signal Letters

Is bottom of Vessel coated with cement ☒ yes if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

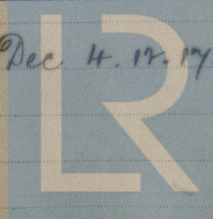
Order for Special Survey No. 2976

Date

18 Sept, 1929.

Dates of Surveys held while building

1929. Oct 24. 30. Nov 4. 22. 27 Dec 4. 12. 17. 31. 1930. Jan 6. 13. 14. 20. 23. 28. 31. Feb 11.



Lloyd's Register
Foundation

Total No. of Visits 17.