

Rpt. 1.

WRECK
SECTION
No.

STEEL STEAMER MOTORSHIP.

WRECK
SECTION
No.

Received at London Office

12 AUG 1936

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

10 August 1936

Port of MIDDLESBROUGH.

No. 15773

Survey held at SOUTH BANK MIDDLESBROUGH.

Date First Survey

31st March

Last Survey

6th August

1936

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

SINGLE SCREW STEEL TRAWLER "INDIAN STAR"

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

FULL SCANTLING.

State Type of Erections RQ'D & FILE

TONNAGE under Tonnage Deck...

410.49

CLASS

100A1 STEAM

State if with freeboard as condition of Class

No

Built at SOUTH BANK MIDDLESBROUGH.

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 161.75

Breadth (greatest moulded)

B 27.00

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

D 15.25

1st Longitudinal Number (L x D)

161.75 x 15.25 = 2469.05

2nd Numeral L x (B + D)

161.75 x (27.00 + 15.25) = 6838

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

15'-3"

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

✓

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

Launched JULY 8th 1936 Yard No. 999

Builders MESSRS SMITHS DOCK CO. LTD

Owners GRESHAM TRAWLERS LIMITED

Managers

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

Residence FISH DOCKS.

Port of Registry GRIMSBY

If surveyed while building, afloat, or in dry dock

SURVEYED WHILE BUILDING AND AFLOAT.

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	21		Bracket Floors, Frame	5 3 50	
" " from 2 nd length to Collision bulkhead	18		" " Reversed Frame		
" " in peaks	18 A 21		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle	5 3 50		" " top Angles		
" " Extends up to	UPPER DECK.		" " bottom Angles		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness		
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [✓		" " Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or [✓		" " Vertical Angle to Tank side		
" " Third " " " "	✓		" " Bracket forward 1/4 len. from stem		
Framing in Peaks, Angle	4 3 40	KA. 4-3-40	" " Gussets, spacing and scantling abaft 1/4 len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 52	AP. 4-3-38	" " Gussets, spacing and scantling forward 1/4 len. from stem		
State if Frame Joggled	No		Tank Side Brackets, height above base line at toe of Frame and thickness		
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	SIDE KEELSON & LOWER DECK BEAMS.		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SHELL PLATING MIDDLE IR THICKNESS TO COLLISION BULKHEAD.		Breadth and thickness of Middle Line Strake		
DOUBLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	18 38		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?		
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angle, [or [10 33 33 44		Uppermost Continuous Deck, amidships in Wells, Angle, E or [6 3 40	
" " " Through Plate or Intercoastal Plate	✓		" " in way of Bridge, Angle, [or [
" " " Foundation Plate on Floors	✓		Spacing	ALTERNATE	
" " " Flat Plate Keel Angles	✓		Second Deck, amidships, Angle, [or [✓	
Side Keelsons, No. each side	ONE		Spacing	✓	
" " thickness of Intercoastal Plate	✓		Third Deck, amidships, Angle, [or [✓	
" " Angles	✓		Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or [
Solid Floors, thickness and spacing	✓		Spacing		
" " Are Frame and Reversed Frame joggled?	✓		RQ' BEAMS UNDER TRAWL WINCH.	7 8 3 50	
Bracket Floors, breadth and thickness at middle line	✓		POOP DECK, Angle, E or [6 3 43	
" " breadth and thickness at margin plate	✓		Spacing		
			Bridge Deck, Angle, [or [
			Spacing		
			Forecastle Deck, Angle, E or [6 3 40	
			Spacing	ALTERNATE	

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Lloyd's Register
Foundation

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.
2 Rows in Fish Room.									
" in 'tween Decks, Size and Spacing.....									
" " " " " "									
" in Holds " " " "									
" " " " " "									
Centre Line Bulkhead. IN BUNKER.									
Stiffeners and Spacing.....	6-3	3-3	38	5-3	32				
Plating, thickness of		30			26				
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells		36	45		34	38			
" " " " in way of Bridge									
" Angle in Wells	33	33	45		3	3	38		
Thickness of Plating abreast Deck openings in way of Wells									
Thickness of Plating abreast Deck openings in way of Bridge									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness									
Second Deck.									
Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings in way of Wells									
Thickness of Plating abreast Deck openings 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									
Poop Deck.									
Stringer Plate, breadth and thickness									
Plating, Sheathing, material and thickness ...									
Bridge Deck.									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									
Forecastle Deck.									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL BAR.											
GALVANIZED STRAKE											
" DELG. (if any)											
BOTTOM PLATING, No. of Strakes											
BILGE PLATING, No. of Strakes											
SIDE PLATING, No. of Strakes											
UPPER DECK, Sheer-strake in Wells.....											
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											

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c)				4
" Deck next below				✓
As per Rule				4.
BULKHEADS ALL WELDED EXCEPT FORMES TO SHELL.				
	Plating Thickness.	STIFFENERS.		
		VERTICAL.	HORIZONTAL.	
		Scantlings, Spacing.	Scantlings, Spacing.	
MIDSHIP BULKHEAD, Upper tween decks				
" " Second "				
FORE END BUNKER Third "		38-26	5-44	28
FORE END FISH ROOM Holds		38-26	6-36	24
COLLISION " (in Hold)		38-26	5-44	24
AFTER PEAK " "		75-31	33-32	24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar ROLLED BULB PLATE.		75-15/8	BUTTS E.W.	
STEM				
STERN FRAME { Propeller Post	FORGED.	8-3 3/8		
{ Rudder "	IRON.	5-5 1/2		
RUDDER—A x D.	54-96	167.		
Speed of Vessel	12 KNOTS			
RUDDER mainpiece at head ...		7 5/8		7 1/2
" " heel ...		5 1/2		5 3/8
" how constructed	ARMS STRUNG ON ANCHORED TO MAINPIECE.			
" double or single plate coupling, vertical or horizontal.....		34' E.W. TO RUDDER FRAME.		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth process.
 Sections (Kamies Appleby Frodingham Steel Co. Ld.) Skinning from Iron Co. Ld.
 Plates. Norman Lemp Co. (Shell Appleby-Frodingham Steel Co. Ld.)
 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.)

Additional stiffening fitted.

Side stringer in Bunker and fish room 6" x 3" x 35 angle welded to frames
Girders under windlass P.S. 8" x 1" x 35 flanged plate from companion 9 frame spaces
forward.

Girders under transom winch P.S. 15" x 4" 8 frame spaces aft of bulkhead at
fore end of bunker.

Sister Vessel "MELBOURNE" MILDENHALL. Smiths Dock C.N. 1001-2.

Shell plating as fitted.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5.3.0	J.D. N° 1017.	27.2.36
	2nd "	5.2.19.	G.H.B. N° 212.	21.2.36.
	3rd "			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 84 ft., Bridge r ft., Forecastle 29.3 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 Deck.

Official No. 164414 ; 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,	8.9	6.00
Double bottom, if under Engines only,			Deep tank, aft, <u>SIDE TANK IN ENGINE ROOM</u>	7.0	5.75
Double bottom, if under Boilers only,			Deep tank, forward,	7.0	5.75
Double bottom, forward,			Other tanks, if fitted,	7.6	12.00
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. 1506

Date 7.5.36

Dates of Surveys
held while building

1936: Mar 31. May 1. 7. 8. 15. 20. 28 June 4. 12. 15. 25. 26. 30 July 2. 3. 7
8. 10. 18. 22. 27. 31 Aug 4. 6.

Lloyd's Register
Foundation

Total No. of Visits 24