

Received at London Office 24 JUL 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 July 18th 1936 Port of MIDDLESBROUGH No. 1010

Survey held at SOUTH BANK MIDDLEBROUGH. Date First Survey 6 January Last Survey 17 July 1936

On the (State if Machinery Fitted Aft and if Single, ~~Twice on Trip~~) STEEL SINGLE SCREW TRAWLER ANGLE

State Type (Full Scantling, Complete Bays, or with or without Tonnage Openings) FULL SCANTLING State Type of Erections R.O.D. FOLE

TONNAGE under Tonnage Deck... 470.86

CLASS 100 R.I. STEAM TUGS (State if with freeboard as condition of Class)

Built at SOUTH BANK MIDDLESBROUGH

FEET. 116.00

11.00 27.00 236.00

120.00

Do. of space or spaces between Tonnage Dk. and Upper Dk. } Length from fore part of stem to after part of stern } L 168.75
post on summer L.W.L. See Sec. 3 (1a)
Breadth (greatest moulded) B 28.00

Total 470.80 Depth, at middle of length from top of keel to top of uppermost continuous 16.00 Owners HULL NORTHERN FISHING CO. LTD.

Gross Tonnage 530.71

Register Tonnage 194.84 1st Longitudinal Number (L x D)..... = 2755 Managers
(Where necessary to be entered in Reg. Book.)

2nd Numeral $L \times (B + D) \dots\dots\dots = 1425$

Residence *ST ANDREW'S DOCK HULL.*

REGISTERED DIMENSIONS. Framing Depth "d," at middle of length. See Sec. 3 (1d) 16-00

length 170.75 Proportions—Depth to Length—Uppermost continuous deck to top of keel } Port of Registry ALL.

Length 28' 15" Do. Long Bridge to top of keel } If surveyed while building, afloat, or in dry dock

breadth 14.85 Draught Moulded SURVEYED WHILE BUILDING & 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.
RAMES, Spacing amidships	21'			
" " from 1/4 length to Collision bulkhead.....)	18'			
" " in peaks.....	A 21' F 18'			
DE FRAMING.				
Frame Amidships, Angle, [or]	5 1/2 3 38			
" " Extends up to ...	UPPER DECK.			
Reversed Frame Amidships, Angle ...	4 x 3 = 40 EVERY 4" FRAME			
" " Extends up to ...	UPPER DECK.			
Depth of Framing Girder.....	5 1/2			
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓			
" " Second 'tween Decks, Angle, [or]	✓			
" " Third " " " "	H 5' 3' 38' 4 1/2 x 3' 38'			
Framing in Peaks, Angle or [or]	E 5' 3' 40' 4 1/2 x 3' 40'			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5 1/2			
Date if Frame Joggled	No.			
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars)	SIDE KEELSON AND LOWER DECK BEAMS.			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SHELL PLATING MIDSHIP THICKNESS TO COLLISION BNC.			
DOUBLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	19' 38'			
Height of Brackets at side above base line at toe of frame	✓			
Middle Line Keelson, on Floors, Angle, [or]	10' 3 1/2 x 3 1/2' 50'			
" " Through Plate or Intercostal Plate...)	✓			
" " Foundation Plate on Floors	✓			
" " Flat Plate Keel Angles	✓			
Side Keelsons, No. each side ONE,	5 4 48			
" " thickness of Intercostal Plate....	✓			
" " Angles	✓			
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing	✓			
" " Are Frame and Reversed Frame joggled?	✓			
Bracket Floors, breadth and thickness at middle line.....)	✓			
" " breadth and thickness at margin plate.....)	✓			
Bracket Floors, Frame				
" " Reversed Frame				
" " Vertical Struts				
Centre Girder, depth and thickness amidships				
" " top Angles				
" " bottom Angles				
Side Girders, No. each side and thickness				
Margin Plate depth (excl. of flange) and thickness				
" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem				
" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem				
" " Gussets, spacing and scantling abaft 1/4 len. from stem.....)				
" " Gussets, spacing and scantling forward 1/4 len. from stem.....)				
Tank Side Brackets, height above base line at toe of Frame and thickness)				
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake ...				
Thickness of remainder 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 ?				
BEAMS.				
Uppermost Continuous Deck, amidships) in Wells, Angle, [or]	7 6 3 40			
" " in way of Bridge, Angle, [or]	✓			
Spacing . ALTERNATE.				
Second Deck, amidships, Angle, [or]				
Spacing.....				
Third Deck, amidships, Angle, [or]				
Spacing.....				
Fourth Deck, amidships, Angle, [or]				
Spacing.....				
RQE UNDER WINDEN JOFF	8 3 50			
Deep Deck, Angle, [or]	6 3 43			
Spacing..... ALTERNATE.				
Bridge Deck, Angle, [or]				
Spacing				
Forecastle Deck, Angle, [or]	7 6 3 40			
Spacing . ALTERNATE.				

PILLARS AND DECK.				
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		
PILLARS, No. of Rows. <i>2 ROWS IN FISH ROOM</i>				
" in 'tween Decks, Size and Spacing.....	✓			
" " " " "	✓			
" in Holds " "	✓			
" " " " "	✓			
Centre Line Bulkhead.				
Stiffeners and Spacing..... <i>6'3" x 3'38" C. ALTERNATE 5'3" x 32" PL. 26</i>				
Plating, thickness of	30			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	36	50	✓	38
" " " " in way of Bridge				
" Angle in Wells	3 1/2	3 1/2	50	3'3" x 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	5'3" A.P.			
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 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 ...				

SCANTLINGS.				RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if Joggled? <i>Yes.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		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 Deck KEEL <i>Bulk Plate</i>	<i>7 1/2</i>	<i>1 5/8</i>			<i>7 1/2</i>	<i>1 1/2</i>	<i>B.P.</i>						
GARBAGE STRAKE " Deck (if any)	<i>A.</i>	<i>50</i>	<i>50</i>	<i>50</i>	<i>48</i>	<i>44</i>	<i>DOUBLE.</i>	<i>3/4</i>	<i>10 W</i> <i>SPAC.</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED.</i>
BOTTOM PLATING, No. of Strakes	<i>B.</i>	<i>42</i>	<i>40</i>	<i>40</i>									
BILGE PLATING, No. of Strakes	<i>C.</i>	<i>42</i>	<i>38</i>	<i>50</i>									
SIDE PLATING, No. of Strakes	<i>D.</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>40</i>							
UPPER DECK, Sheer- strake in Wells	<i>F.</i>	<i>56</i>	<i>38</i>	<i>38</i>	<i>48</i>	<i>48</i>				<i>3.</i>			<i>STRAPPED.</i>
UPPER DECK, Sheer- strake in Bridge ...													
STRAKE BELOW Sheer- strake in Wells	<i>E.</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>40</i>				<i>2.</i>			<i>OVERLAPPED.</i>
STRAKE BELOW Sheer- strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING			<i>32</i>			<i>28</i>	<i>SINGLE.</i>						

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	<i>4.</i>
" Deck next below.....	
As per Rule.....	<i>4.</i>

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar <i>RAIL PLATE</i>	$7\frac{1}{2} \times 5\frac{1}{8}$	BUTTS E.N.		
STEM	Do	"	"	
STERN FRAME { Propeller Post	FORGED.	$5-6 \times 4'$		$7\frac{1}{2} \times 6 \times 4'$
{ Rudder ..	IRON	$5 \times 5\frac{3}{4}$		$4\frac{1}{2} \times 5\frac{3}{4}$
RUDDER—A x D	<i>18"</i> FORGED			
Speed of Vessel <i>12 1/2 KNOTS</i>	STEEL			
RUDDER mainpiece at head ...		$7\frac{3}{4} \times 1'$	See sketch how built	$7\frac{3}{4} \times 1'$
" " heel ...		$5\frac{3}{4} \times 1'$	sketch how built	$5\frac{3}{4} \times 1'$
" " how constructed		ARMS SAILING ON AND KEYED TO MAIN PIECE.		
" double or single plate		$3\frac{1}{2} \times$	E.N. TO FRAME.	
" coupling, vertical or horizontal		VERTICAL.		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth process.*
Plates, Appleby Hockingham steel Co. Ld. Dorman Long & Co. Ld. Corbett Iron Co. Ld.
Sections Skinnington Iron Co. Ld. Dorman Long & Co. Ld.
 Has the Steel been tested as required by the Rules? *Yes.*

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.				
95206.	1st Bower ...	11	1	14	2	-	-	13.	5	0	0	11-1-0		STOCKLESS.	STAYLOR. SONS.	NEHEMION. 22. 5.36 J.A.R.
95186	2nd „ ...	10	2	0.	-	-	-	12	8	3	0	10-1-0		STOCKLESS.	STAYLOR. SONS.	NEHEMION. 21. 5.36 J.A.R.
	3rd „ ...															
	Collective weight.	21	3	14	1							21-2-0				
49096	K504E K504E	4	0	14	1	0	7	6	10	0	0	4-0-0		COMMON. W.I	✓	CEADLEY HEATH. 20.5.36 L.S.

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.	Status.	Breaking.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
52782	150	1 1/2"	28 1/2	42 1/2	120.0	0.7	120-0.0	150	1 1/2"	STUD. LINKS.	✓	CRADLEY HEATH. 28-4-36 L.C.P.	TOWLINE...	60	6"	17 1/2"	60	6	
													HAWSEERS & WARPS	60	5 1/2"		60	5 1/2"	
		Or.							Or.				"						
Iron Steam Chain or Steel Wire													"						

Steering Gear, Steam <i>HAND & STEAM COMBINED DOWN IN 1st FLOOR.</i>			Steering Gear, Hand <i>HAND, SPARE TILLER WITH BLOCKS & TACKLE.</i>		
Boats <i>1 HEADST. 18'5" x 7'5" x 3'0"</i>	Steering Chains, Size and Test <i>CHAIN 1 1/2" DIA. TEST 15 TONS 1 3/4 DOGS.</i>		Windlass <i>HAND & STEAM COMBINED DIRECT ACTING, QUICK WARPING, GENERAL & FROM 1st FLOOR.</i>		
Ceiling in Holds, thickness and material <i>CLEARED & INSULATED.</i>			Cargo Battens, thickness, material and spacing <i>✓</i>		
Cargo Hatchways.—(Upper Deck) <i>STEEL CORRINGS 20" x 30"</i>			Thickness of Hatches <i>2 1/2" W.P.</i>		
Size of No. 1 Hatchway (Forward) <i>10FF. 3'0" x 3'6"</i>			No. 2 <i>3OFF. 3'6" x 3'6"</i>		
No. 3 <i>10FF. 4'6" x 3'6"</i>			No. 4 <i>✓</i>		
No. 5 <i>✓</i>			No. 6 <i>✓</i>		
Number of Shifting Beams and/or Fore and Afters					

For SMITH'S DOCK COMPANY L^{td}

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 built in accordance with the approved plans, Secretary's letter and in general conformity with the Rules and regulations for the class contemplated. The fore and after peak tanks, side tanks in engine room, and dup tank forward Bulkhead, Lumel, Decks, waterways, Watertight door etc have been tested to rule requirements with satisfactory results. The hand and steam steering gear, windlass, trawl winch and pumps have been tested under working conditions and found satisfactory. The bulkhead bounding bars to bulkheads, seams & stiffeners to bulkheads electrically welded as per approved plans with approved electrodes.

The amount of Entry Fee £ *3 : 0 : 0* } Fees applied for,
Special Survey Fee.... £ *53 : 2 : 0* } *23.7.1922* *alm* I am of opinion the Vessel should be Classed *100.2.15 ton Franch*
Travelling Expenses, if any £ : : } Received by me, *1.9.1922* *219*
State whether the Vessel has been built under Special Survey *Yes* Signature *Cyril B. Seamer*
Certificates to be sent to *The Collector of Customs* Date of issue *21/2/26*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned
Steam Trawler
Wrote Jpl Lloyd arcp + dmb 7.36 30, L.
Jpl

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.)

Reverse frames have been fitted on frames No 15 port side 5 1/2 x 3 x 42 Angles.

No 223 Starboard side.

Bulk angles on.

No 35, 44, 50, 54, 58, 62, 66, P.S. 4 x 3 x 40 Angles

No 5 Starboard 8 x 3 x 50 B.A.

No 17, 23, Port side

No 19, 21 port and starboard

Side stringer in Bunker and fish room. 26 to 70 7 x 3 1/2 x 38 welded to frames & shell.

Grider under Haul winch plate 15 x 40 flanged 6" on bottom 40 tripping brackets on every frame.

Bumms under Haul winch 2 off 8 x 3 1/2 x 50 B.A.

Strong beam in engine room 9 x 3 1/2 x 50 B.A.

The approved plans are being retained at this Office until the sister vessel is completed.

Sister Vessels Built by Messrs Smiths Dock Co.

LOCK MONTEITH No 1003.

Gaul. No 1004.

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	7 cwt.	2 QRS 14 LB.	J.A.R.	No 95206.	22 nd MAY 1936
2nd "	7 "	0 " 7 "	J.A.R.	No 95186	21 st MAY 1936
3rd "					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 86 ft., Bridge ☒ ft., Forecastle 31.75 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 OK.

Official No. 164938. : Signal Letters

particulars of composition Is bottom of Vessel coated with cement ☒ Yes. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	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, <i>SIDE TANKS IN ENGINE ROOM.</i>	<i>8.75</i>	<i>138.50</i>
Double bottom, if under Boilers only,			Deep tank, forward,	<i>5.25</i>	<i>10.00</i>
Double bottom, forward,			Other tanks, if fitted,	<i>6.5</i>	<i>25.00</i>
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 505

Date 10.3.36

Dates of Surveys held while building

1935 Dec 1936 Jan 8. 29 30 Feb 9. 19 24 25 Mar 3. 17. 23 31 Apr. 2. 3. 6. 9. 15. 21
24. 28 30 May 4. 12. 15 25. 26 27. 28 June 4 5. 17. 25. 30 July 1. 2. 9. 16. 17

Total No. of Visits 29