

STEEL STEAMER ~~OF~~ MOTORSHIP.

Received at London Office 17 DEC 1934

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

Port of MIDDLESBROUGHNo. 15281Survey held at SOUTH BANK, MIDDLESBROUGHDate First Survey 14th SeptLast Survey 11th Dec1934On the (State if Machinery Fitted Aft and if Single, ~~Double~~ Triple Screw)SINGLE SCREW STEAM TRAWLER JEAN EVA

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

FULL SCANTLINGState Type of Erections R.Q.D.^k & F.C.L.E

TONNAGE under Tonnage Deck

374.49CLASS 100. A.I. STEAM

State if with freeboard Trawler as condition of Class

NOBuilt at SOUTH BANK MIDDLESBROUGHLaunched Nov 8th 1934 Yard No. 977Builders MESSRS SMITHS DOCK CO LTDOwners MESSRS CONSOLIDATED FISHERIES LTD

Managers

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

Residence AUCKLAND ROAD, FISH DOCKS GRIMSBYPort of Registry GRIMSBY

If surveyed while building, afloat, or in dry dock

SURVEYED WHILE BUILDING & AFLOAT

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)

155.0

Breadth (greatest moulded)

B 26.5

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

D 15.01st Longitudinal Number (L x D) = 23252nd Numeral L x (B + D) = 6432

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

15'-0"

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

✓

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

REGISTERED DIMENSIONS.

FEET.

Length 157.0Breadth 26.7Depth 12.3

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"	45	5" x 3" x 38"
" " from 1/4 length to Collision bulkhead	18"				" " Reversed Frame	3" x 30"	FLAT IRON	E.W. TO TANK TOP	
" " in peaks. FORE, AFTER PEAK	18"	21"			" " Vertical Struts	6" x 3" x 30"	E.W. TO REVERSE BARS	INTERCOSTALS RIVETTED TO FLOORS	
SIDE FRAMING.					Centre Girder, depth and thickness amidships			30"	
Frame Amidships, Angle, <u>E or F</u>	5"	3"	45	5" x 3" x 38"	" " top Angle	E.W. TO TANK TOP			
" " Extends up to UPPER DK.					" " bottom Angle	E.W. TO KEEL BAR			
Reversed Frame Amidships, Angle	✓				Side Girders, No. each side and thickness	ONE	30"		
" " Extends up to	✓				" " ON TOP OF FLOORS				
Depth of Framing Girder	5"				Margin Plate depth (excl. of flange) and thickness	✓			
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>	✓				" " Vertical Angle to Tank side	✓			
" " Second 'tween Decks, Angle, <u>E or F</u>	✓				" " Bracket abaft 1/4 len. from stem	✓			
" " Third " " " A.P.	4"	3"	40	4" x 3" x 38"	" " Vertical Angle to Tank side	✓			
" " F.P.	4"	3"	40		" " Bracket forward 1/4 len. from stem	✓			
Framing in Peaks, Angle <u>E or F</u>	✓				" " Gussets, spacing and scantling	✓			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4"	5/4"			" " abaft 1/4 len. from stem	✓			
State if Frame Joggled	NO				" " Gussets, spacing and scantling	✓			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	SIDE KEELSON & LOWER DECK BEAMS.				" " forward 1/4 len. from stem	✓			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SHELL PLATING MIDSHIP THICKNESS TO COLLISION BULKHEAD.				Tank Side Brackets, height above base line at toe of Frame and thickness	✓			
SINGLE BOTTOM.					INNER BOTTOM PLATING.				
Floors, Depth and thickness at mid-line in Holds	18"	38"			Breadth and thickness of Middle Line Strake	37"		30"	
Height of Brackets at side above base line at toe of frame	✓				8 T.T. PLATING IN BUNKER				
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	10" x 3 1/2" x 3 1/2" x 44"				Thickness of remainder in Holds	30			
" " Through Plate or Intercostal Plate	✓				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>				
" " Foundation Plate on Floors	✓				BEAMS.				
" " Flat Plate Keel Angles	7" x 50" FLAT IRON				Uppermost Continuous Deck, amidships	6"	3"	40"	
Side Keelsons, No. each side	ONE	E.W. TO FRAMES & SHELL PLATING	5" x 3" x 46		" " in Wells, Angle, <u>E or F</u>	✓			
" " thickness of Intercostal Plate	✓				" " in way of Bridge, Angle, <u>E or F</u>	✓			
" " Angles	✓				Spacing <u>ALTERNATE</u>				
DOUBLE BOTTOM. IN BUNKER					Second Deck, amidships, Angle, <u>E or F</u>	✓			
Solid Floors, thickness and spacing	18"	38"			Spacing	✓			
" " Are Frame and Reversed Frame joggled?	NO				Third Deck, amidships, Angle, <u>E or F</u>	✓			
Bracket Floors, breadth and thickness at middle line	✓				Spacing	✓			
" " breadth and thickness at margin plate	✓				Fourth Deck, amidships, Angle, <u>E or F</u>	✓			
					Spacing	✓			
					R.Q.D. ^k BEAMS E.W. TO PLATING AFT	5"	3"	40"	J TO E TO PLATING
					Peep Deck, Angle, <u>E or F</u> RIV. UNDER TRAWL WINCH	6"	3"	43"	
					Spacing <u>AS PER APP^r PLAN</u>	✓			
					Bridge Deck, Angle, <u>E or F</u>	✓			
					Spacing	✓			
					Forecastle Deck, Angle, <u>E or F</u>	6"	3"	40"	
					Spacing	✓			

PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows. <u>2 IN FISH ROOM</u>			
" in 'tween Decks, Size and Spacing.....	✓		
" " " " "	✓		
" in Holds " "	✓		
" " " " "	✓		
Centre Line Bulkhead. IN BUNKER <u>6x3x3x38</u>			
Stiffeners and Spacing <u>ALTERNATE BEAMS, CHANNELS</u>			
Plating, thickness of	31		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	34 45		
" " " " in way of Bridge	✓		
" Angle in Wells	3 1/2 3 1/2 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	5x3 PITCH PINE		
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. R. & D.			
Stringer Plate, breadth and thickness.....	32		
Plating, Sheathing, material and thickness	✓		
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	32 38		
Plating, Sheathing, material and thickness			

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? YES			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
PEAK PLATE KEEL BAR		7 1/2 x 1 5/8	BULB PLATE	7 1/2 x 1 1/2	BULB PLATE							
GARBOARD STRAKE " DELG. (if any)	A	.46"	.46"	.48"	.44" - .40"	DOUBLE	3/4"	10 IN SPACE	2	3/4"	2 5/8" OVERLAPPED	
BOTTOM PLATING, No. of Strakes ONE ...	B	.42"	.40"	.40"		"	"	"	"	"	"	
BILGE PLATING, No. of Strakes TWO ...	C	.42"	.38"	.50"		"	"	"	"	"	"	
D	.40"	.38"	.50"		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes												
UPPER DECK, Sheer- strake in Wells.....)	48"	.56"	.38"	.38"		"	"	"	"	"	STRAPPED	
UPPER DECK, Sheer- strake in Bridge ...)												
STRAKE BELOW Sheer- strake in Wells.....)	E	.42"	.38"	.38"		"	"	"	"	"	OVERLAPPED	
STRAKE BELOW Sheer- strake in Bridge ...)												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			.32"			SINGLE	"	"	"	"	OVERLAPPED	

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c).....		4			
" Deck next below.....		✓			
As per Rule.....		4			
THE BULKHEADS ELECTRICALLY WELDED, BOUNDARY BARS RIVETTED TO SHELL.	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings / Spacing.		Scantlings / Spacing.	
MIDSHIP BULKHEAD , Upper tween decks					
" " Second "					
FORE END BUNKER Hold "		38"-26"	5' x 34"	30"	
FORE END FISH ROOM Holds		38"-26"	6' x 36"	30"	5' x 34"
COLLISION " (in Hold)		38"-26"	5' x 48"	24"	DECK 1/2 HT.
AFTER PEAK " "		75"-50"	3' x 36"	24"	FLAT + DK

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar ROLLED STEEL PLATES		$7\frac{1}{2}'' \times 5''$	BUTTS TO STEM & STERN FRAME RIVETED, REMAINDER ELECTRICALLY WELDED	
STEM		$7\frac{1}{2}'' \times 5''$		
STERN FRAME { Propeller Post	FORGED	$8'' \times 3\frac{1}{2}''$		
"	IRON	$5'' \times 5\frac{3}{4}''$		$5\frac{3}{4}'' \times 3\frac{3}{4}''$
RUDDER—A x D. 192	FORGED STEEL			
Speed of Vessel BETWEEN 10 & 12 KNOTS				
RUDDER mainpiece at head ...	STEEL	$7\frac{1}{2}''$		$7\frac{1}{4}''$ dia.
" " heel ...	IRON	$5\frac{1}{2}''$		
" how constructed	FORGED			
" double or single plate		$34''$	E. W. TO RUDDER FRAME	
" coupling, vertical or horizontal		1		

EQUIPMENT No. 6432 LETTER S 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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.			
34952	1st Bower ...	9	0	0				11	2	2	0	9-1-0	BYERS IMPROVED STOCKLESS	✓	SUNDERLAND, 13/9/34
34954	2nd „ ...	9	1	14				11	9	0	7	8-3-0	Do.	✓	J.H.B. Do
	3rd „ ...														
	Collective weight.	18	1	14								18-0-0			
47987	KEOGES Sunderland	3	3	8	1	0	0	6	5	1	7	3-3-0	ORDINARY FORGED WROUGHT IRON	✓	CRADLEY HEATH, 31/8/34 W.V.N.

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.	Ins.		Length.	Ins.	Length.	Ins.
	Fathoms.	Inch.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Inch.					Fathoms.	Inch.		Fathoms.	Inch.	Fathoms.	Inch.
50266	135	1 7/16	25-72-0	38	97-3-14	97-3-0	135	1 3/16	STUD LINK	✓	CRADLEY HEATH 9/10/34, S.C.P.	TOWLINE... HAWSEERS & WARPS	60	6"		60	6"		
									Cir.				60	5"		60	5"		
Iron Stream) Chain or) Steel Wire)		Cir.										"							

Boats 18-6 x 7-6 x 3-0 LIFEBOAT Steering Chains, Size and Test 7/8" CHAIN 9-2-2-0 1 Rods 12 Tons Windlass HAND & STEAM COMBINED
DOUBLE PURCHASE DIRECT ACTING QUICK WARPING
TYNE MATE CO LTD

Ceiling in Holds, thickness and material **CLEARED & INSULATED IN FISH ROOM** **Cargo Batts,** thickness, material and spacing.

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS .30" 24' HIGH Thickness of Hatches 2 1/2" W.P.

Size of No. 1 Hatchway (Forward) $3'-6" \times 3'-0"$ No. 2 $3'-6" \times 3'-6"$ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6

Number of **Shifting Beams** and/or **Fore** and **Afters**

For ~~SALE~~ H's BOOK COMPANY Ld

Builder's Signature *W. Cairns*

GENERAL DECLARATION This vessel has been built in accordance with the approved plans, Secretary's letters and in general conformity with the Rules and regulations for the class contemplated.

The fore and after Peak tanks, side tanks in engine room, double bottom tank under bunkers, bulkheads, tunnel, decks, water tight door, waterways etc have been tested to rule requirements with satisfactory results.

The hand and ^{steering} gear, windlass, trawl winch, and pumps have been tested under working conditions and found satisfactory.

The bulkhead boundary bars to bulkheads, seams of plating, stiffeners to bulkheads, Double bottom tank, Side tanks in engine room, butts of keel bars, Raised quarter deck up to after end of engine room and engine seating have been electrically welded as per approved plans, with approved electrodes.

The materials and workmanship are good.

The amount of Entry Fee	£	3	:	:	Fees applied for, 15-12-1924 Received by me, 5-2-1925	<i>am</i> <i>SD</i> <i>6/2</i>
Special Survey Fee....	£	42	:	4		
Travelling Expenses, if any	£	:	:	:		

I am of opinion the Vessel should be Classed 100 A. I. Steam
Trawler

State whether the Vessel has been built under Special Survey Yes Signature Cyril B. Leeson
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Middlesbrough Date of issue 6/2/35

Committee's Minute
Character assigned

Raised Quarter
deck plating Welded

Write up!

Lloyd's arch
+ limb 12.34 L

[Handwritten signature]

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Lloyd's R
Foundat

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.)

Forging Certificate now sent

Stem frame Rudder & tiller

Additional stiffening etc

Side stringers fitted in bunker and fish room 7" x 3½" x .44" angle electrically welded to frames and shell plating

Plate girder 15" x 40" flanged on under side has been fitted under the trawl winch and electrically welded to beams (rivetted to deck plating) 8 frame spaces long from forward bulkhead of bunker P & S sides

A plate girder has been fitted under the windlass 8½" x .38" plate flanged on under side.

Approved plans retained at this office for sister vessels now building

Sister Vessels

"Brimnes"	Smiths Dock Co Ltd	No	965
"Reykjanes"	"	"	967
"Grunnsby Town"	"	"	968
"Preston Northend"	"	"	969
"Blackburn Rovers"	"	"	976

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

1st Bower 5-1-19, J.D, 190, 31/8/34
2nd " 5-2-0, J.D, 194, 31/8/34
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 84 ft., Bridge ✓ ft., Forecastle 27 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 DR

Official No. 162891 ; 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,		9¾
Double bottom, if under Engines only,			Deep tank, aft, SIDE TANKS IN ENGINE ROOM P	9'-0"	5
Double bottom, if under Boilers only,			S	10'-6"	8
Double bottom, forward,	26.25	33	Deep tank, forward,		
	Total capacity of double bottom		Other tanks, if fitted,		
			(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. 494

Date 25-9-34

Dates of Surveys held while building

1934: Sep. 14, 19, 21, 22, 25, 26 Oct. 1, 8, 10, 16, 18, 22, 26, 29, 31 Nov. 1, 5, 8, 16, 19, 22 Dec. 5, 7, 10, 11

Lloyd's Register Foundation
Total No. of Visits 25