

STEEL STEAMER ~~OF~~ MOTORSHIP.

Received at London Office 18 SEP 1935

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 *SEPT. 16<sup>th</sup> 1935* Port of *MIDDLESBROUGH* No. *15491*  
 Survey held at *SOUTH BANK MIDDLESBROUGH* Date First Survey *18 May/35* Last Survey *10<sup>th</sup> Sept 1935*  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *STEAM TRAWLER "MOONLEI"*

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) *FULL SCANTLING* State Type of Erections *File*

TONNAGE under Tonnage Deck... *244.11* CLASS ☒ 100.A.1 STEAM Trawler as condition of Class *No* Built at *SOUTH BANK*  
 Do. of space or spaces between Tonnage Dk. and Upper Dk. *244.11* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 127.00* Launched *AUG 16<sup>th</sup> 35* Yard No. *990*  
 Total *244.11* Breadth (greatest moulded) *B 23.83* Builders *MESSRS SMITHS DOCK CO L*  
 Gross Tonnage *251.52* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 14.00* Owners *THE NATIONAL TRAWLING & FISHING CO L*  
 Register Tonnage *87.79* 1st Longitudinal Number (L x D) = *1778* Managers *(Where necessary to be entered in Reg. Book.)*  
 2nd Numeral L x (B + D) = *4804* Residence *GWALE STREET CAPE TOWN SOUTH AFRICA*  
 REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.00* Port of Registry *CAPE TOWN*  
 Length *129.25* Proportions—Depth to Length—Uppermost continuous deck to top of keel *✓* If surveyed while building, afloat, or in dry dock  
 Breadth *23.90* Do. Long Bridge to top of keel *✓* *WHILE BUILDING Afloat & IN DRY DOCK*  
 Depth *13.15* Draught Moulded *✓*

## 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.
<b>FRAMES, Spacing amidships</b> .....	<i>21</i>		<b>Bracket Floors, Frame</b> .....		
" " from $\frac{3}{4}$ length to Collision bulkhead.....	<i>21</i>		" " Reversed Frame .....		
" " in peaks.....	<i>21</i>		" " Vertical Struts .....		
<b>DE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, <i>E or F</i> .....	<i>42 3 44</i>	<i>42 x 3 = 38</i>	" " top Angles .....		
" " Extends up to .....	<i>Upper Deck.</i>		" " bottom Angles .....		
Reversed Frame Amidships, Angle .....	<i>✓</i>		<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to...	<i>✓</i>		<b>Margin Plate</b> depth (excl. of flange) and thickness .....		
Depth of Framing Girder.....	<i>42</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i> .....	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem .....		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i> .....	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third " " " " .....	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
Framing in Peaks, Angle <i>E or F</i> .....	<i>4 3 36</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	<i>3/4 54</i>		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled .....	<i>No</i>		Breadth and thickness of Middle Line Strake ...		
<b>STRENGTHENING ARRANGEMENTS</b> (Sec. 7), state system and particulars)	<i>SIDE KEELSON AND LOWER DECK BEAMS.</i>		Thickness of remainder in Holds .....		
<b>LENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....	<i>SHELL PLATING MIDSHIP THICKNESS TO COLLISION END.</i>		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?.....	<i>Yes.</i>	
<b>DOUBLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds .....	<i>17 36 17 x 35</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i> .....	<i>5 3 52 52 x 3 = 42</i>	
Height of Brackets at side above base line at toe of frame .....	<i>✓</i>		" " in way of Bridge, Angle, <i>E or F</i> .....	<i>7 3 50 52 x 3 = 42</i>	
Middle Line Keelson, on Floors, Angle, <i>E or F</i> .....	<i>8 x 3 1/2 x 3 1/2 = 44</i>		Spacing .....	<i>ALTERNATE.</i>	
" " Through Plate or Intercoastal Plate...	<i>✓</i>		<b>Second Deck, amidships, Angle, <i>E</i> or <i>F</i> .....</b>		
" " Foundation Plate on Floors .....	<i>✓</i>		Spacing.....		
" " Flat Plate Keel Angles .....	<i>✓</i>		<b>Third Deck, amidships, Angle, <i>E</i> or <i>F</i> .....</b>		
Side Keelsons, No. each side <i>ONE</i> .....	<i>5 4 40</i>		Spacing.....		
" " thickness of Intercoastal Plate...	<i>✓</i>		<b>Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i> .....</b>		
" " Angles .....	<i>✓</i>		Spacing.....		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, <i>E</i> or <i>F</i> .....</b>		
Solid Floors, thickness and spacing .....	<i>✓</i>		Spacing.....		
" " Are Frame and Reversed Frame joggled?.....	<i>✓</i>		<b>Bridge Deck, Angle, <i>E</i> or <i>F</i> .....</b>		
Bracket Floors, breadth and thickness at middle line.....	<i>✓</i>		Spacing.....		
" " breadth and thickness at margin plate.....	<i>✓</i>		<b>Forecastle Deck, Angle, <i>E or F</i> .....</b>	<i>5 3 42</i>	
			Spacing .....	<i>ALTERNATE.</i>	



PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows.....</b> <i>2 - 1/4 P.A. Roofs</i>			
"    in 'tween Decks, Size and Spacing.....			
"    "    "    "    "    "			
"    in Holds    "    "			
"    "    "    "    "			
<b>Centre Line Bulkhead.</b>			
Stiffeners and Spacing.....			
Plating, thickness of .....			
<b>STRINGERS AND DECKS.</b>			
<b>Uppermost Continuous Deck.</b>			
Stringer Plate, breadth and thickness in Wells	<i>27 35</i>		
"    "    "    "    in way of Bridge	<i>✓</i>		
"    Angle in Wells .....	<i>3 3 38 3 x 3 = 35</i>		
Thickness of Plating abreast Deck openings/ in way of Wells .....	<i>✓</i>		
Thickness of Plating abreast Deck openings/ in way of Bridge .....	<i>✓</i>		
Thickness of Plating within line of openings...	<i>✓</i>		
If Sheathed, material and thickness .....	<i>5-3 P.P.</i>		
<b>Second Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>		
Stringer Plate, breadth and thickness.....			
If Plated, state thickness.....			
Plating, Sheathing, material and thickness .....			
Thickness of Plating within line of openings...			
If Sheathed, material and thickness .....			
<b>Third Deck.</b>			
Stringer Plate, breadth and thickness.....			
If Plated, state thickness.....			
<b>Fourth Deck.</b>			
Stringer Plate, breadth and thickness.....			
If Plated, state thickness .....			
<b>Poop Deck.</b>			
Stringer Plate, breadth and thickness .....			
Plating, Sheathing, material and thickness .....			
<b>Bridge Deck.</b>			
Stringer Plate, breadth and thickness.....			
Plating, Sheathing, material and thickness .....			
<b>Forecastle Deck.</b>			
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.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAINED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.			DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.							Inches.
PLATE KEEL <i>B.R.</i>	<i>7 1/2</i>	<i>1 1/2</i>	<i>2 1/2</i> PLATE											
<del>Garboard Strake</del>	<i>53</i>	<i>.44</i>	<i>.44</i>	<i>.44</i>	<i>30 x 42 to .38</i>	<i>DOUBLE.</i>	<i>3/4</i>	<i>10 W</i> <i>SPACE.</i>	<i>2.</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED</i>		
" <i>Deck (if any)</i>														
BOTTOM PLATING, No. of Strakes <i>.A.N.A....</i>	<i>B.</i>	<i>.375</i>	<i>.375</i>	<i>.36</i>	<i>37 to .32</i>	-	-	-	-	-	-	-		
BULGE PLATING, No. of Strakes <i>.A.N.A....</i>	<i>C.</i>	<i>.375</i>	<i>.34</i>	<i>.34</i>	<i>37 to .32</i>	-	-	-	-	-	-	-		
SIDE PLATING, No. of Strakes .....														
UPPER DECK, Sheer-strake in Wells .....	<i>54</i>	<i>.50</i>	<i>.375</i>	<i>.36</i>	<i>30 x 46 to .32</i>	-	-	-	-	-	-	<i>STRAPPED</i>		
UPPER DECK, Sheer-strake in Bridge ...														
STRAKE BELOW SHEER-strake in Wells .....		<i>.42</i>	<i>.375</i>	<i>.375</i>	<i>37 to .32</i>	-	-	-	-	-	-	<i>OVERLAPPED.</i>		
STRAKE BELOW SHEER-strake in Bridge ...														
POOP SIDE PLATING .....					<i>STRAKE BELOW SHEER IN WAY OF GALLONS .50</i>									
BRIDGE SIDE PLATING ...														
FOREC'TLE SIDE PLATING			<i>.32</i>		<i>.26</i>	<i>SINGLE.</i>	<i>3/4</i>	<i>10 IN</i> <i>SPACE</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED.</i>		

<b>Total No. of W.T. BULKHEADS in Vessel—</b>			
Extending to Upper Deck (Sec. 3 c)		4	
"    Deck next below		✓	
<b>As per Rule</b>		4	25

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
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		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks						
"	" Second "					
FORE END BUNKER Third "		38'-26	6" x 38'	24	OBER TANK 3 AT	
FORE END BUNK ROOM FORTH " "		35'-26	6" x 38'	30	5' x 34' OK	
COLLISION " (in Hold) .....		35'-28	6" x 38'	24	OBER 1 AT	
AFTER PEAK " " .....		425'-30	4" x 30'	21'	CABIN OK.	

FRAME	Rudder	1400	4'-5 1/2"	33'-3"
RUDDER—A x D	45' x 28'	126'		
Speed of Vessel	BETWEEN 10-12 KNOTS			
RUDDER mainpiece at head	FORGED	6 1/2'		6 1/2'
" "	heel	1400	4 7/8'	4 1/2'
" "	how constructed	ARMS SWIRLING ON		KEYED TO MAIN PIECE
" "	double or single plate			30' E.W. TO RUDDER FRAME.
" "	coupling, vertical or horizontal		VERTICAL.	

STEEL. *Plates Roman Iron + C% Corsett Iron C%*  
*Sections Sigs. Heat. Corsett Iron C%*  
 Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No 4804				LETTER 76				ANCHORS.									
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintended.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.						
35290	1st Bower ...	7	2	0				9	13	3	0	7	2	0	Byles Stockless.	✓	SUNDERLAND, MAY 21 <sup>st</sup> 35 J.H.B.
35290	2nd " ...	7	0	21				9	9	1	14	7	0	0	Do	✓	- MAY 13 <sup>th</sup> 35 J.H.B.
	3rd " ...																
	Collective weight.	14	2	21								14	2	0			
48513.	85092 Stanchion	3	0	10	3	6	5	12	0	21		3	0	0	COMMON	✓	CRAIDLEY HEATH JUNE 14 <sup>th</sup> 35 L.C.P.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 33.		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 33.				
	Length.	Diam.	Statu- tory.	Break- ing. Tons.	Supplied.	Per Rule.	Gwts. qrs. lbs.	Cwts.					Length.	Diam.	Fathoms.	Ins.	Length.	Cir.	Tons.	Fathoms.	Ins.
51456	120	1 1/8	22	600	34	220	77	2-2	77	3-0	120	1 1/8	STUO	✓	CROADLEY HEATH, June 7/35 L.C.P.	TOWLINE...	60	5 1/2	MAN	60	5 1/2
															HAWSEY & WARPS		60	5	-	60	5
															"						
															"						
															"						
Iron Stream } Chain or Steel Wire															"						

Steering Gear, Steam	HAND COMBINED DUNKIN + COK		Steering Gear, Hand	AND SPACE TILLED WITH BLOOMS + TACKLE	
Boats	LIFEBOATS 2995	16'-0" x 5'-9" x 2'-4"	Steering Chains, Size and Test	7/8" CHAIN 9, 2, 20 12 TONS DOUBLE PURCHASE	
Ceiling in Holds, thickness and material	CLEANED + INSULATED IN FISH ROOM		Cargo Battens, thickness, material and spacing	WINDLASS HAND AND STEAM COMBINED DIRECT ACTING QUILL WARPING TYNE METAL	
Cargo Hatchways, —(Upper Deck)	STEEL GORDINGS 16' x 30'		Thickness of Hatches	2 1/2" W.P.	
Size of No. 1 Hatchway (Forward)	STORE 3'-0" x 3'-0"	FISH ROOM No. 2 2'-6" x 2'-6"	FISH ROOM No. 3 3'-4" x 3'-4"	No. 4	No. 5
Number of Shifting Beams and/or Fore and Afters			No. 6		

Builder's Signature *J. W. Gairns*

**GENERAL DECLARATION.** It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Yes 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 peaks, side tanks in engine room, and deep tank windships Bulkheads, decks, waterways, 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 bulkheads, Deep tank, side tanks in engine room, <sup>upper seating</sup> bath of keel bars, Raised Quarter deck from stern to aft end of engine casing have been welded as per approved plans with approved electrodes.

The amount of Entry Fee ..... £ 3 : 0 : 0 } Fees applied for,  
Special Survey Fee.... £ 25 : 4 : 0 } 17 9 1920  
Travelling Expenses, if any £ : : } Received by me, 1 11 1925  
I am of opinion the Vessel should be Classed ☒ 100. A.1. Steam  
Hawker.

Travelling Expenses, if any £ : : 1. 11 1935 2/11 WT

State whether the Vessel has been built under Special Survey Yes *Class* *Construct to lower*

Certificate to be sent to Middlebrough. Date of issue 2/11/35

Committee's Minute

Character assigned  $+100A'$

Steam Trawler

Loudi A+CP + Linc 9.35. Ch

work Appl.



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.)

Certificates now sent.

1 Stern frame.

1 Rudder

1 Giller

1 Still pads for Maresoni apparatus.

Approved plans now sent.

1 Midships section & profile

1 Stern frame & Rudder

1 Side tanks in Engine room & deep tank midships

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

1st Bower

4-2-0 J.D. No 461. 2-5-35.

2nd "

4-0-17 J.D. No 356. 4-2-35.

3rd "

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle **23.5** ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. **1.50**

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

Official No.

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,	<b>8.75</b>	<b>2.75</b>
Double bottom, if under Engines only,			Deep tank, <del>aft</del> <b>MIDSHIPS</b>	<b>7.00</b>	<b>21.00</b>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, <b>SIDE TANKS IN ENGINE ROOM.</b>	<b>8.75</b>	<b>P. 2.85</b>
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		<b>S. 2.85</b>

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

Order for Special Survey No. **1498**

Date **18-6-35**

Dates of Surveys held while building

1935 May 15. 20. 21. 24. 27. 28. 29. 30. 31. Jun. 3. 4. 5. 6. 7. 13. 14. 17. 18. 19. 20. 21. 24. 26. 27. 28. July 2. 6. 8. 9. 10.  
11. 15. 17. 18. 19. 22. 23. 24. 25. 26. 31. Aug 1. 2. 6. 7. 12. 14. 16. 23. 27. 28. Sep 3. 4. 7. 9. 10.

Total No. of Visits **56**

For S.S.O.F. see Mdb 15481. on 5th Blanket