

## STEEL STEAMER or MOTORSHIP.

Received at London Office APR 24 1937

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YESDate of completion of report 20th April 1937Port of HULLSurvey held at BEVERLEY AND HULL Date First Survey 2nd December 1936 Last Survey 15th April 1937On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW KETCH "LADY SHIRLEY"State Type (Full Scantling, Complete Superstructure with or without Ponnage Openings) STEAM TRAWLER State Type of Erections RAISED QUARTER DECK AND WHALEBACKTONNAGE under Tonnage Deck... 406.23 CLASS A100A1 State if with freeboard as condition of Class NO Built at BEVERLEYDo. 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 162.0 Launched 25th FEBRUARY 1937 Yard No. 615Total 406.23 Breadth (greatest moulded) B 27.0 Builders COOK, WELTON & GEMMELL LTDGross Tonnage 471.85 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 15.0 Owners SUTLAND AMALGAMATED TRAWLERS LTDRegister Tonnage 176.57 1st Longitudinal Number (L x D) = 2430.0 Managers ✓ (Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. Residence ST. ANDREW'S DOCK, HULLLength 163.5 Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓ Port of Registry HULLBreadth 27.2 Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.8 ✓ If surveyed while building, afloat, or in dry dockDepth 14.2 Draught Moulded ✓ 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	20 To 20½ also		Bracket Floors, Frame		
" " from ½ length to Collision bulkhead	17 1/16	See plan	" " Reversed Frame		
" " in peaks	19 Aft, 16 Forward. plan		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 38 ✓		" " top Angles		
" " Extends up to	DECK		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 38 ✓		Side Girders, No. each side and thickness		
" " Extends up to	WHERE NO CONCRETE		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	13 FITTED ✓		" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Vertical Angle to Tank side Bracket forward ¼ len. from stem		
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Gussets, spacing and scantling abaft ¼ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward ¼ len. from stem		
Framing in Peaks, Angle or $\frac{1}{2}$	5 3 38 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾ 5¼ ✓		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS. BILGE KEELSON.		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	CLOSER FRAME SPACING AND RIVETING.		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	18 x 38 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6 3 40 ✓	
Height of Brackets at side above base line at toe of frame	FLAT TOPPED ✓		" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$	8 3½ 44 ✓		Spacing	ALTERNATE FRAMES	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
Side Keelsons, No. each side	ONE 5 4 46 ✓		Spacing		
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Angles	SIDE STRINGER 5 4 40 ✓		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			WHALEBACK Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 40 ✓	
			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.
<b>PILLARS</b> , No. of Rows..... <i>ONE</i>				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 .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of .....				If Plated, state thickness.....			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	<i>34</i>	<i>38</i>	✓	If Plated, state thickness .....			
„ „ „ „ in way of Bridge	✓			<b>Poop Deck.</b>			
„ Angle in Wells .....	<i>3</i>	<i>38</i>	✓	Stringer Plate, breadth and thickness .....			
Thickness of Plating abreast Deck openings in way of Wells .....	<i>11</i>	<i>38</i>	✓	Plating, Sheathing, material and thickness ..			
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>38</i>	<i>31</i>	✓	<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	<i>44</i>	<i>31</i>	✓	Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness .....	<i>5</i>	<i>3</i>	✓	Plating, Sheathing, material and thickness ..			
<b>Second Deck.</b>				<b>Whaleback Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	<i>14</i>	<i>OAK WATERWAY.</i>	✓	Stringer Plate, breadth and thickness.....	<i>30</i>	✓	
				Plating, Sheathing, material and thickness ..	<i>30</i>	✓	

# SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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.	
<del>FLAT PLATE KEEL</del> GAR. A	32	50	44	44	✓	2 Rows	3/4	3"	3 Rows	3/4	2 5/8	STRAPS
„ Deck (if any)	B 57	40	38	38	✓	"	"		2 "	"	"	LAPS
BOTTOM PLATING, No. of Strakes	C 57	43	38	38	✓	"	"		2 "	"	"	"
BILGE PLATING, No. of Strakes	D 56	40	38	38	✓	"	"		3 "	"	"	STRAPS
SIDE PLATING, No. of Strakes	E 57	43	38	38	✓	"	"		3 "	"	"	"
UPPER DECK, Sheer-strake in Wells	F 57	40	38	38	✓	"	"		3 "	"	"	"
UPPER DECK, Sheer-strake in Bridge	G 42	625	44	44	✓	"	"		3 "	"	"	"
STRAKE BELOW SHEER-strake in Wells												
STRAKE BELOW SHEER-strake in Bridge												
POOP SIDE PLATING												
BRIDGE SIDE PLATING												
WHALEBACK FORECASTLE SIDE PLATING	-	-	30	-	✓							

# WATERTIGHT BULKHEADS.

# FORGINGS and CASTINGS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>						Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)			<i>4</i>	✓					
„ Deck next below			<i>3</i>	✓					
As per Rule									
	Plating Thickness.	STIFFENERS.							
		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
<b>MIDSHIP BULKH'D</b> , Upper tween decks									
„ „ Second „									
„ „ Third „									
„ „ Holds .....		<i>42-30</i>	<i>6 x 3 x 34</i>	<i>30</i>	✓				
<b>COLLISION</b> „ (in Hold) .....		<i>40-30</i>	<i>5 x 3 x 34</i>	<i>24</i>	✓				
<b>AFTER PEAK</b> „ „ .....		<i>44-38</i>	<i>5 x 3 x 36</i>	<i>24</i>	✓				

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<i>APPLEBY FRODINGHAM STEEL CO LTD, CONSETT IRON CO LTD, TORMAN LONG &amp; CO, LARGO FLEET IRON CO LTD, SOUTH DURHAM &amp; I. CO, SWINNINGROVE IRON CO LTD</i>
	Has the Steel been tested as required by the Rules? <i>YES</i>







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.)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower ✓  
2nd „ ✓  
3rd „ ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 86.5 ft., Bridge ✓ ft., Forecastle 31.5 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 10<sup>th</sup> ✓

Official No. : Signal Letters Is bottom of vessel coated with cement Yes ✓ if not give particulars of composition Bitumastic also bottom cement ✓

#### 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 (See Circular No. 1284).

Order for Special Survey No. 3124

Date

7<sup>th</sup> DECEMBER 1936.

Dates of Surveys held while building

1936:—Dec. 2. 8. 10. 14. 16. 23. 29. 31.

1937:—Jan. 4. 7. 13. 20. 27. Feb. 2. 4. 10. 16. 23. Mar. 3. 10. 17. 22.

Apr. 1. 5. 8. 10. 14. 15.

Total No. of Visits

28.