Rpt. 1.

STEEL STEAMER ~~or MOTORSHIP~~.

Received at London Office 14 FEB 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 8th February 1936. Port of HULL. No. 146555.

Survey held at BEVERLEY AND HULL. Date First Survey 1st November, 1935. Last Survey 4th February, 1936

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW KETCH "LADY PHILOMENA"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) STEAM TRAWLER. State Type of Erections RAISED QUARTER DECK AND WHALEBACK.

TONNAGE under Tonnage Deck... 372·36

Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓

Total 372·36

Gross Tonnage 417·14

Register Tonnage 157·21

REGISTERED DIMENSIONS.

	FEET.
Length	155·75
Breadth	26·15
Depth	14·15

CLASS ✠ 100 A.1. STEAM TRAWLER

State if with freeboard as condition of Class No

		FEET.
Length *from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)*	L	155·0 ✓
Breadth *(greatest moulded)*	B	26·0 ✓
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 ✓
1st Longitudinal Number (L × D)	=	2325 ✓
2nd Numeral L × (B + D)	=	6355 ✓
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		✓
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		10·33 ✓
Do. Long Bridge to top of keel		✓
Draught Moulded		✓

Built at BEVERLEY.

Launched 9TH JANUARY 1936 *Yard No.* 606.

Builders COOK WELTON & GEMMELL LTD

Owners JUTLAND AMALGAMATED TRAWLERS LTD

Managers ✓

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

Residence ST. ANDREWS DOCK.

Port of Registry HULL.

If surveyed while building, afloat, or in dry dock BUILDING AND AFLOAT.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	16" To 21"	✓
" " from 1/2 length to Collision bulkhead	16"	✓
" " in peaks	20" AND 16"	✓
SIDE FRAMING.		
Frame Amidships, Angle, ~~⊏ or ⊏~~	5 3 8/20"	✓
" " Extends up to	DECK.	✓
Reversed Frame Amidships, Angle	3 3 ·38	✓
" " Extends up to	WHERE NO CEMENT IS FITTED.	✓
~~**Depth of Framing Girder**~~		✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [		
" " **Second 'tween Decks,** Angle, [or [		
" " **Third** " " " "		
Framing in Peaks, Angle ~~or ⊏~~	5 3 8/20"	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" 5 1/4"	✓
State if Frame Joggled	NO	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS. CLOSER FRAME SPACING AND.	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	RIVETING. ✓	
SINGLE BOTTOM.		
Floors, Depth and thickness at mid-line in Holds	18" × ·38	✓
Height of Brackets at side above base line at toe of frame	FLAT TOPPED.	✓
Middle Line Keelson, on Floors, Angles, ⊏ or [2	8 3 1/2 ·44	✓
" " " Through Plate or Intercostal Plate		
" " " Foundation Plate on Floors		
" " " Flat Plate Keel Angles		
Side Keelsons, No. each side	ONE 5 4 ·46	✓
" " thickness of Intercostal Plate	NONE.	✓
" " Angles SIDE STRINGER	5 4 8/20"	✓
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		

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
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 ⊏~~	6 3 9/20"	✓
" " in way of Bridge, Angle, ⊏ or [	✓	
Spacing	ALTERNATE FRAMES. ✓	
Second Deck, amidships, Angle, ⊏ or [		
Spacing		
Third Deck, amidships, Angle, ⊏ or [		
Spacing		
Fourth Deck, amidships, Angle, ⊏ or [		
Spacing		
Poop Deck, Angle, ⊏ or [		
Spacing		
Bridge Deck, Angle, ⊏ or [		
Spacing		
WHALEBACK ~~Forecastle~~ **Deck,** Angle, ~~⊏ or ⊏~~	4 3 ·40	✓
Spacing	32"	

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PILLARS AND DECKS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows ONE.				
„ in 'tween Decks, Size and Spacing		✓		
„ „ „ „ „		✓		
„ in Holds „ „		3" Dia.rs		✓
„ „ „ „ „		✓		
Centre Line Bulkhead. Stiffeners and Spacing				
Plating, thickness of				
STRINGERS AND DECKS. **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness ~~in Wells~~	31"	×	·40	✓
„ „ „ „ in way of Bridge		✓		
„ Angle in Wells	3	3	·40	✓
Thickness of Tie Plating abreast Deck openings in way of Wells	11"	×	·38	✓
Thickness of Plating abreast Deck openings in way of ~~Bridge~~ E. & B.	·38	To	·31	✓
Thickness of Plating within line of openings	·31 -	·28 -	·44 -	·30 ✓
If Sheathed, material and thickness Pitch Pine		5" × 3"		✓
Oak Waterway		14" × 3"		✓
Second Deck, Stringer Plate, breadth and thickness in Wells		✓		

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
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				
Whaleback **~~Forecastle~~ Deck.** Stringer Plate, ~~breadth and~~ thickness		·31	✓	
Plating, ~~Sheathing, material and thickness~~		·31	✓	

SHELL PLATING.

SCANTLINGS.

STRAKES.	As in Vessel. Amidships. Breadth.	Amidships. Thickness.	Forward. Thickness.	Aft. Thickness.	Any Departure from Approved Plans to be Noted.
	Inches.	Inches.	Inches.	Inches.	
Gar A ~~Flat Plate Keel~~	32"	·50	·50	·50	✓
„ ~~Dble. (if any)~~ B	56"	8/20	6/16	6/16	✓
Bottom Plating, No. of Strakes 1 C	54"	7/16	6/16	6/16	✓
Bilge Plating, No. of Strakes 1 D	52	8/20	6/16	6/16	✓
Side Plating, No. of Strakes 1 E	56	7/16	6/16	6/16	✓
~~Upper Deck, Sheer-strake in Wells~~ F	56	8/20	6/16	6/16	✓
Upper Deck, Sheer-strake ~~in Bridge~~ G	42	10/16	7/16	7/16	✓
~~Strake below Sheer-strake in Wells~~					
~~Strake below Sheer-strake in Bridge~~					
~~Poop Side Plating~~					
~~Bridge Side Plating~~					
Whaleback ~~Forc'tle~~ Side Plating			·31		✓

RIVETING.

	Edges. State if joggled? No ✓ Single or Double.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Butts. No. of Rows of Rivets.	Butts. Rivets. Diam.	Butts. Rivets. Spacing cr. to cr.	Butts. Strapped or Lapped.
		Inches.	Inches.		Inches.	Inches.	
~~Flat Plate Keel~~	Double	3/4"	3"	2 Rows	3/4"	2 5/8"	Straps
„ ~~Dble. (if any)~~	"	"	"	3 "	"	"	Laps
Bottom Plating	"	"	"	3 "	"	"	"
Bilge Plating	"	"	"	3 "	"	"	Straps
Side Plating	"	"	"	3 "	"	"	"
~~Upper Deck, Sheer-strake in Wells~~	"	"	"	3 "	"	"	"
Upper Deck, Sheer-strake ~~in Bridge~~	"	"	"	3 "	"	"	"
~~Strake below Sheer-strake in Wells~~							
~~Strake below Sheer-strake in Bridge~~							
~~Poop Side Plating~~							
~~Bridge Side Plating~~							
Whaleback ~~Forc'tle~~ Side Plating							

4 Rivets per frame space

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 *c*) 4 ✓

„ Deck next below ✓

As per Rule 3

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Stiffeners. Vertical. Spacing.	Stiffeners. Horizontal. Scantlings.	Stiffeners. Horizontal. Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds	·38 - ·30	T.B.A. 6 × 3 × ·34	30"	✓ ~	✓
COLLISION „ (in Hold)	·30	4 × 3 × ·34	24"	✓ ~	✓
AFTER PEAK „ „	·38	5 × 3 × ·36	24"	✓ ~	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Rolled	8" × 2"	Frodingham Steel Co.	
STEM	"	"	"	"
STERN FRAME Propeller Post	Forged Scrap Steel	6" × 3 3/4"	T. S. Forster & Sons	✓
STERN FRAME Rudder „	"	"	Sunderland.	
RUDDER—A × D	Oertz Patent Rudder.			
Speed of Vessel 11½ Knots.				
RUDDER mainpiece at head	Forged Scrap Iron	6" Dia.	T. S. Forster & Sons	
„ „ heel	✓	✓	Sunderland.	
„ how constructed	Plates and Angles As Per Approved Plan.			✓
„ double ~~or single~~ plate		·40 Side Plates		✓
„ coupling, ~~vertical or~~ horizontal	Horizontal.			✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth Process. Consett Iron Co, Skinningrove Iron Co, Appleby-Frodingham Steel Co, South Durham Steel & Iron Co, Dorman Long & Co, Cargo Fleet Iron Co.

Has the Steel been tested as required by the Rules? Yes.

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EQUIPMENT No. 6355 LETTER S. ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
94804	1st Bower ...	9	2	10	NONE			11	13	1	21	9¼	DREADNOUGHT TYPE	S. TAYLOR & SONS.	NETHERTON 14-12-35 H GREEN
94805	2nd „ ...	8	3	20	NONE			11	2	2	0	8¾	" "	" "	" " "
~	~~3rd~~ „ ...		~			~			~			~			
	Collective weight.	18	2	2								18·0			
94788	Stream	3	3	19	1	0	2	6	7	2	0	3¾	RODGERS IRON STOCK	" "	" 4-12-35 "

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
101953	15	1 3/16	25 3/8	38	10-3-9	97¾	135	1 3/16	STUDLINK	NOT GIVEN	NETHERTON 25-11-35 J.A. REID
101954	"	"	"	"	10-3-8				"	"	"
101955	"	"	"	"	10-3-9				"	"	"
101956	"	"	"	"	10-3-3				"	"	"
101957	"	"	"	"	10-3-6				"	"	"
101958	"	~~Cir.~~	"	"	10-3-13			~~Cir.~~	"	"	"
101959	"	"	"	"	11-0-0				"	"	"
~~101960~~ Iron Stream Chain or Steel Wire	"	"	"	"	10-3-18				"	"	"
101961	135	"	"	"	10-3-13				"	"	"

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms.	Cir. Ins.
TOWLINE...	~	~	~	~	~
HAWSERS & WARPS	60	4"	~	60	6"
"	60	4"	~	60	5½"
"	COMBINATION WIRE ROPES				
"					

Steering Gear, Steam BY DOWNIE & Co NEWCASTLE-ON-TYNE No 6300 **Steering Gear, Hand** TILLER.

Boats 1 WOOD CUTTER **Steering Chains,** Size and Test 7/8" DIA. AND 9 TONS TEST. **Windlass** BY GEMMELL & FROM HULL.

Ceiling in Holds, thickness and material 3" OAK AND 2½" PITCH PINE. **Cargo Battens,** thickness, material ~~and spacing~~ 2" PITCH PINE CLOSE LINED

Cargo Hatchways.—(Upper Deck) STEEL PLATES AND ANGLES **Thickness of Hatches** 3"

Size of **No. 1 Hatchway** (Forward) To STORE 3'-6" x 3'-6" **No. 2** 3'-5" x 3'-1" **No. 3** 5'-1" x 3'-1" **No. 4** 3'-6" x 3'-1" **No. 5** 4'-0" x 3'-1" **No. 6** ~

Number of **Shifting Beams** and/or **Fore** and **Afters** NONE.

COOK, WELTON & GEMMELL, LTD.

Builder's Signature Chas Cole
Secretary & Director.

GENERAL DECLARATION. *It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel* No. *(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo* No. *The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.*

This trawler has been built in accordance with the approved plans and Society's Rules. The workmanship and materials appear to be satisfactory. The fore and after peaks, the watertight flat aft, and cod liver residue space in cruiser stern, decks and gutterways, casings and hand pumps and W.T. door tested. The vessel is fitted with cruiser stern and Certy rudder. The approved plans are:- Midship section, profile and decks, stern frame and Certy rudder, and pumping arrangements. The vessel has been supplied with two 60 fathoms of 4" Ameum. combination wire ropes instead of the 6" and 5½" hemp ropes. (Desired by Owners)

This trawler is a sister ship to the "LADY BERYL" HULL. F.E. REPORT No. 46425.

The amount of Entry Fee ..... £ 3-0-0 | Fees applied for, 13 FEB 1936 alm

Special Survey Fee.... £ 41-14-0 | Received by me, 11-3 1936 12/3

Travelling Expenses, if any £ 9-3

I am of opinion the Vessel should be Classed ✠ 100 A.1. STEAM TRAWLER.

State whether the Vessel has been built under Special Survey YES.

Certificate ~~to be~~ sent to HULL. Date of issue 12/2/36

Signature W E Congledow
Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 18 FEB 1936

Character assigned + 100 A1
Steam Trawler

Lloyd's a.o.c.l.
+ Lm.C. 2.36 B.M.C. C.L.

The Surveyors are requested not to write on or below the Committee's Minute.

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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.*)

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. 84·16 ft., Bridge ✓ ft., ~~Forecastle~~ WHALEBACK. 28·25 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 Dk

Official No. ; Signal Letters Is bottom of Vessel coated with cement YES if not give particulars of composition BITUMASTIC ABOVE BOTTOM CEMENT.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total capacity of double bottom		

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,		
After peak tank,		
Deep tank, aft,		
Deep tank, forward,		
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. 3083

Date 4TH NOVEMBER 1935.

Dates of Surveys held while building

1935:- Nov 1·5·8·12·13·18·22·27·29 Dec 3·6·9·16·18·19·20·24·31.

1936:- Jan 3·4·9·11·16·20·23·28·31 Feb 3·4·

Total No. of Visits 29.

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