

STEEL STEAMER ~~OR~~ MOTORSHIP

Received at London Office 16 MAY 1946

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 6th April 1946 Port of HULLNo. 53467Survey held at 13 EVERLEY (HULL) Date First Survey 3rd September 1945 Last Survey 23rd March 1946On the (State of Machinery fitted Aft and STEEL STEAM TRAWLER "BORELLA"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLINGState Type of Erections FORECASTLE & R.Q. DECKTONNAGE under Tonnage Deck ... 406.03CLASS 100A.1.
STEAM TRAWLERState if with freeboard as condition of Class NOBuilt at 13 EVERLEYDo. 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) 162.00Launched 19/1/46 Yard No. 762Total 406.03Breadth (greatest moulded) B 27.50
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 15.25Builders COOK, WELTON & GEMMELL LTD.Gross Tonnage 523.581st Longitudinal Number (L x D) 2470.50Owners City Steam Fishing Co. Ltd.Register Tonnage 185.872nd Numeral L x (B + D) 6925.50Managers J. Mann & Son, Ltd.
(Where necessary to be entered in Reg. Book)REGISTERED DIMENSIONS.
FEETLength 165.3Breadth 27.7Depth 14.4Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.67

Residence

Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.62Port of Registry HULLDo. Long Bridge to top of keel ✓

If surveyed while building, afloat, or in dry dock

Draught Moulded ✓13 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.
FRAMES, Spacing amidships.....	21 1/2 : 21 L20	✓	Bracket Floors, Frame	— — —	
" " from 1/2 length amidships to Collision bulkhead.....	17	✓	" " Reversed Frame.....	— — —	
" " in peaks.....	FR 17 1/2 A.P.	✓	" " Vertical Struts	— — —	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	3' 3" x 38	✓
Frame Amidships, Angle, <u>E or F</u>	5 1/2 3 40	✓	" " top Angles.....	DOUBLE 3 x 3 x 38	
" " Extends up to.....	UPPER L.R.Q. DECK	✓	" " bottom Angles.....	— — —	
Reversed Frame Amidships, Angle.....	3 3 38	✓	Side Girders, No. each side and thickness.....	TWO 38	
" " Extends up to.....	ACROSS FLOORS	✓	Margin Plate depth (excl. of flange) and thickness.....	— — —	
Depth of Framing Girder.....	5 1/2	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	— — —	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>	— — —		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area.....	— — —	
" " Second 'tween Decks, Angle, <u>E or F</u>	— — —		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	— — —	
" " Third " " " ".....	— — —		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	— — —	
" " from 1/2 len. for'd. to 15% len. from Stem.....	5 1/2 3 40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness.....	— — —	
" " in Peaks, Angle <u>E or F</u>	5 1/2 3 40	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	3/4 : 5/4	✓	Breadth and thickness of Middle Line Strake.....	78 1/2 x 38	✓
State if Frame Joggled.....	YES	✓	Thickness of remainder in Holds.....	38	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	YES	✓	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?.....	— — —	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships <u>Wells, Angle, E or F</u>	6 3 40	✓
Floors, Depth and thickness at mid-line in Holds.....	19 x 40 1/4 1/4 E & B SPACE	✓	" " in way of Bridge, Angle, <u>E or F</u>	— — —	
Height of Brackets at side above base line at toe of frame.....	— — —		Spacing.....	ON ALTERNATE FRAMES	
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	12 x 4 x 4 3/4 33 LBS	✓	R.Q. Second Deck, amidships, Angle, <u>E or F</u>	6 3 40	✓
" " Through Plate or Intercoastal Plate.....	6/6 in dbl bottom	✓	Spacing.....	ON ALTERNATE FRAMES	
" " Foundation Plate on Floors.....	— — —		LOWER FORWARD Third Deck, amidships, Angle, <u>E or F</u>	5 3 32	✓
" " Flat Plate Keel Angles.....	— — —		Spacing.....	ON ALTERNATE FRAMES	
Side Keelsons, No. each side.....	ONE	✓	LOWER AFT Fourth Deck, amidships, Angle, <u>E or F</u>	4 3 34	✓
" " thickness of Intercoastal Plate.....	— — —		Spacing.....	EVERY FRAME	✓
" " Angle.....	5 4 46 35.50	✓	Poop Deck, Angle, <u>E or F</u>	— — —	
DOUBLE BOTTOM. IN WAY OF BUNKER			Spacing.....	— — —	
Solid Floors, thickness and spacing.....	40 2 1/2 22 1/2	✓	Bridge Deck, Angle, <u>E or F</u>	— — —	
" " Are Frame and Reversed Frame joggled?.....	YES	✓	Spacing.....	— — —	
Bracket Floors, breadth and thickness at middle line.....	— — —		Forecastle Deck, Angle, <u>E or F</u>	6 3 40	✓
" " breadth and thickness at margin plate.....	— — —		Spacing.....	ON ALTERNATE FRAMES	

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.
PILLARS, No. of Rows 2 (P.S.) IN WAY OF TRAWL WINCH						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 BELOW FORECAST						Thickness of Plating within line of openings					
" " " " "						If Sheathed, material and thickness					
Centre Line Bulkhead Stiffeners and Spacing						Third Deck.					
Plating, thickness of						Stringer Plate, breadth and thickness					
STRINGERS AND DECKS.						If Plated, state thickness					
Uppermost Continuous Deck.						Fourth Deck.					
Stringer Plate, breadth and thickness in Wells						Stringer Plate, breadth and thickness					
" " " " in way of Bridge						If Plated, state thickness					
" Angle in Wells						Poop Deck.					
Thickness of Plating abreast Deck openings in way of Wells TIE PLATES						Stringer Plate, breadth and thickness					
Thickness of Plating abreast Deck openings in way of Bridge						Plating, Sheathing, material and thickness					
Thickness of Plating within line of openings TIE						Bridge Deck.					
If Sheathed, material and thickness						Stringer Plate, breadth and thickness					
Second Deck.						Plating, Sheathing, material and thickness					
Stringer Plate, breadth and thickness in Wells						Forecastle Deck.					
						Stringer Plate, breadth and thickness					
						Plating, Sheathing, material and thickness					

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
Flat Plate Keel	—	—	—	—		—	—	—	—	—	—
GARBOARD STRAKE	—	—	—	—		—	—	—	—	—	—
" Bilge (if any)	32	.50	.44	.44		DOUBLE	6" SPACING	TWO	3/4	2 5/8	STRAPPED
Bottom Plating, No. of Strakes TWO	57	.42	.38	.38		"	"	"	"	"	LAPPED
Bilge Plating, No. of Strakes ONE	55	.42	.38	.38		"	"	"	"	"	"
Side Plating, No. of Strakes TWO	58	.42	.38	.38		"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells	.42	.625	.44	.44		"	7/8	"	THREE L	7/8	3/8
Upper Deck, Sheer-strake in Bridge	—	—	—	—		"	"	"	TWO AT ENDS	3/4	2 5/8
Strake below Sheer-strake in Wells	—	.52	—	—		"	3/4	"	TWO	3/4	2 5/8
Strake below Sheer-strake in Bridge	—	—	—	—		"	"	"	"	"	"
Poop Side Plating	—	—	—	—		"	"	"	"	"	"
Bridge Side Plating	—	—	—	—		"	"	"	"	"	"
Forecastle Side Plating	—	—	.31	—		SINGLE	5/8	"	TWO	5/8	2 1/4

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	FOUR
Extending to Upper Deck (Sec. 3 c)	FOUR (TWO TO UPPER DECK AND TWO TO R.Q. DECK)
" Deck next below	✓
As per Rule	THREE

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	ROLLED	8" x 2"	APPLEBY - FRODINGHAM	
STEM	"	"		
STERN FRAME {	Propeller Post	FABRICATED		✓
	Rudder "			
Speed of Vessel		10 1/2 KNOTS		✓
RUDDER—Type	SEMI BALANCED			✓
" A x D		✓		
" Diam. of head		6" DIAM		
" Mainpiece at top pintle		M.S. TUBE 9 5/8" DIAM x 7 3/4"		✓
" " heel				
" how constructed		DOUBLE PLATED		✓
" double or single plate		40		✓
" coupling, vertical or				
" horizontal		HORIZONTAL		✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	—	—	—	—	—
" " Second	—	—	—	—	—
" " Third	No. 51	.30	6" x 3" x 36"	30"	—
" " Holds	No. 74	.30	6" x 3" x 36"	30"	✓
COLLISION	(in Hold) No. 92	.30	4" x 3" x 30"	24"	3 x 3 x 40
AFTER PEAK	No. 81 & 82	.26	6" x 3" x 30"	30"	—

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH ✓									
	PLATES: - Corbett Iron Works, Dorman Long & Co., Appleby Frodingham Steel Works.									
	SECTIONS: - — " — — " — — " — Steel Co. of Scotland, Ltd., Sharncliffe Iron Works.									
	Has the Steel been tested as required by the Rules? YES ✓									

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

CHAIN CABLES. HAWSERS AND WARPS.[illegible]

Builder's Signature.....

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel No ✓

1898 This vessel was built in conformity with the Society's

The workman and life and materials are of good quality.

The creek, nearly straight, runs N. 1. close water marked by a hole

Notes	✓ Fees applied for,	
-------	---------------------	--

State whether the Vessel has been built under Special Survey yes 1.000

Committee's Minutes FRI- 14 JUN 1946

0352²/₂

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.)

A SOFT-NOSED PLATE STEM IS FITTED ABOVE 15'-0" DRAFT MARK. PLATE 50 THK.
AN ECHO-SOUNDING DEVICE IS FITTED (MARCONI & HUGHES)
COPIES OF THE APPROVED PLANS ARE RETAINED IN THE LONDON OFFICE.

CERTIFICATES ATTACHED.

RUDDER HEAD:- SUNDERLAND, No 229.

TWO BOSS PIECES:- MANCHESTER: No M.490 (YARD Nos 762/3).

TILLER:- SUNDERLAND: No 6049.

TRUNNION:- " No 6060.

PARTICULARS OF ELECTRIC WELDING (if employed)

STIFFENING TO PLATE STEM

APPROVED ELECTRODES USED ON THIS WORK.

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

100A.1. "STEAM TRAWLER."

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

1st Bower 6-1-26 A.E.G. 1680 : 28/6/44.
2nd " 6-1-11 " 7363 : 8/10/45.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 40.75 ft., Bridge ft., Forecastle 32.35 ft. U.D. 29.00 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 180481 Signal Letters Extreme Breadth over BEADING 27.83 Over-all Length 179.5

No. and Material of Decks ONE WOOD DECK WITH STEEL STRINGERS AND TIE PLATES

Parts of Bottom of Vessel coated with cement or approved composition. SKIN CEMENT THROUGHOUT SHIP FROM KEEL TO LOWER TURN OF BILGE, SOLID CEMENT TO TOP OF FLOORS IN BUNKERS AND PEAKS

Particulars of composition (if fitted) and of approval Sect. 25, Clause 1 of Trawler Rules re cementing complied with.

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	—	—	Fore peak tank,	10.66	7
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, under Boilers only, BUNKER R-FEED	15.63	23 (3.4)	Deep tank, forward,	—	—
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity.	—	—	(If necessary furnish further information by sketch.)	—	—

Order for Special Survey No. 3491.

Date 26.3.45.

Dates of Surveys held while building

1945. Sept 3. 15. 29. Oct 1. 9. 11. 16. Nov. 12. 30.
1946. Jan 3. 10. 12. 17. 18. 19. 24. 25. Feb. 8. 14. Mar. 5. 14. 23.

Total No. of Visits 22.