

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

(TRAWLER)

WRECK SECTION
Received at London Office 23 MAR 1942

SECTION

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

13th March 1942

Port of Hull

Survey held at

Beverly & Hull

Date First Survey

17th February '41

Last Survey

12th March

1942

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw 1/2 Trawler "PORTSDOWN"

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

Full Scantlings

State Type of Erections

RAISED QUARTER DECK AND WHALEBACK

TONNAGE under Tonnage Deck

440.76

CLASS 100 A.I. STEAM TRAWLER (State if with freeboard as condition of Class)

No

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

✓

Total

440.76

Gross Tonnage

510.65

Register Tonnage

160.22

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L 165

Breadth (greatest moulded)

B 28

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

1st Longitudinal Number (L x D)

= 2475

2nd Numeral L x (B + D)

= 7095

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

✓

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

11

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

Built at

Beverly

Launched 24th September 1941 Yard No. 685

Builders Messrs. Lock, Helton & Gemmell Ltd.,

Owners The Admiralty

Managers

(Where necessary to be entered in Reg. Book)

Residence

London

Port of Registry

✓

If surveyed while building, afloat, or in dry dock

Building & Afloat

REGISTERED DIMENSIONS.

FEET.

Length

167.7

Breadth

28.15

Depth

14.1

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	18" to 21"	✓	Bracket Floors, Frame		
" " from $\frac{2}{3}$ length amidships to } Collision bulkhead.....			" " Reversed Frame		
" " in peaks.....	STERN TO AFT 1/4" 21" FORD 16" 1/4" 7" FR 19 1/2"	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	5 x 3 x .38	✓	" " top Angles		
" " IN E & B SPACE [.....	5 x 3 x .42	✓	" " bottom Angles		
" " Extends up to	DECK.	✓	Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle	3 x 3 x .38	✓	Margin Plate depth (excl. of flange) and thickness		
" " Extends up to.....	ACROSS FLOORS WHERE NO CONCRETE	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Depth of Framing Girder	5"	✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween } Decks, Angle, [or]			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....		
" " Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			INNER BOTTOM PLATING.		
" " in Peaks, Angle or [.....	5 x 3 x .38	✓	Breadth and thickness of Middle Line Strake ...		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" — 5/4"	✓	Thickness of remainder in Holds		
State if Frame Joggled	No	✓	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 the Panting Area in accordance with the Rules and/or as approved?	LOWER DECK STRINGER AND BEAMS, BILGE KEELSONS CLOSER FRAME SPACING AND RIVETING. see plan	✓	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Uppermost Continuous Deck, amidships } Wells, Angle, [or]	5 x 3 x .40	0.A. ✓
SINGLE BOTTOM.			" " in way of Bridge, Angle, [or]		✓
Floors, Depth and thickness at mid-line in Holds	18 x .38	✓	Spacing	EVERY FRAME	✓
Height of Brackets at side above base line at toe of frame	42 IN E & B SPACE	✓	LOWER AFT		
Middle Line Keelson, on Floors, Angle, [or]	12 x 4 x 4 x 36 LBS	✓	Second Deck, amidships, Angle, [or]	5 x 3 x .32	0.A. ✓
" " Through Plate or Intercoastal Plate...	12 x 4 x 4 x 31 lbs specially approved see Call 18.2.41 with bondslip.	✓	Spacing	EVERY FRAME	✓
" " Foundation Plate on Floors			LOWER FORD		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]	FR. 53 to 59 6 x 3 x .35 0.A. ✓ FR. 59 to 82 5 x 3 x .32 0.A. ✓	
Side Keelsons, No. each side	ONE L 6 x 4 x .40	✓	Spacing	EVERY FRAME	✓
" " thickness of Intercoastal Plate...			STORE FLAT FORD		
" " Angles			Fourth Deck, amidships, Angle, [or]	5 x 3 x .30	0.A. ✓
DOUBLE BOTTOM.			Spacing	ALTERNATE FRAMES.	✓
Solid Floors, thickness and spacing			POOP DECK, Angle, [or]		
" " Are Frame and Reversed Frame } joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line.....			BRIDGE DECK, Angle, [or]		
" " breadth and thickness at margin plate.....			Spacing		
			WHALEBACK		
			Forecastle Deck, Angle, [or]	5 x 3 x .40	0.A. ✓
			Spacing	30"	✓

WRECK SECTION No. 5783

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	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.....	TWO ✓		Stringer Plate, breadth and thickness in way of Bridge	/	
" " " " " FORWARD	3" DIA - AS APP ^d ✓		Thickness of Plating abreast Deck openings) in way of Wells	/	
" " " " "	✓		Thickness of Plating abreast Deck openings) in way of Bridge	/	
" " " " " STORE ROOM FORD	3" DIA - AS APP ^d ✓		Thickness of Plating within line of openings...	/	
" " " " " FT A			If Sheathed, material and thickness	/	
Centre Line Bulkhead.	IN CROSS BUNKER		LOWER Third Deck. FORD PLATED		
Stiffeners and Spacing.....	FRS 40-53 SPACED 41"	7 x 3 x .405 ✓	Stringer Plate, breadth and thickness.....	ATHWARTSHIPS 26 ✓	
Plating, thickness of26 ✓		If Plated, state thickness.....	26 ✓	
STRINGERS AND DECKS.			LOWER Fourth Deck. AFT		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	30 ✓	
Stringer Plate, breadth and thickness in Wells	60 x 32 - 31 ✓		If Plated, state thickness	30 ✓	
" " " " " in way of Bridge	✓		STORE FLAT FORD POOP DECK.		
" " Angle in Wells	3 1/2 x 3 x .38 ✓		Stringer Plate, breadth and thickness	15 x .30 ✓	
Thickness of Plating abreast Deck openings) in way of Wells CASING	.38 ✓		Plating, Sheathing, material and thickness ...	2 1/2" W.W. ✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.28 ✓		Stringer Plate, breadth and thickness.....	/	
If Sheathed, material and thickness	FRS 170/18 ✓ AND 56 TO 82 ✓ 5 x 2 1/2" BORNED WHITE PINE ✓		Plating, Sheathing, material and thickness ...	/	
Second Deck.			WHALEBACK FORECASTLE DECK.		
Stringer Plate, breadth and thickness in Wells...	/		Stringer Plate, breadth and thickness.....	30 ✓	
			Plating, Sheathing, material and thickness ...	30 ✓	

[illegible]

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

STIFFENERS.	VERTICAL	HORIZONTAL	Plating Thickness.	STIFFENERS.			
				VERTICAL		HORIZONTAL	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween deck	FR 53 ✓	30	6 x 3 x 34 OA	27 ✓	✓	✓	✓
" " Second	FR 82 ✓	30	6 x 3 x 44 OA	30 ✓	✓	✓	✓
" " Third	"						
" " Holds	"						
COLLISION	(in Hold)	FR 100 ✓	30-38	4 x 3 x 30 OA	24 ✓	✓	✓
AFTER PEAK	"	FR 7 ✓	38	5 x 3 x 36 OA	24 ✓	✓	✓
		FR 18 ✓	26	3 x 2 1/2 x 5 1/2 OA	30 ✓	✓	✓
		FR 1 ✓	30	3 x 3 x 40 OA	26-24 ✓	✓	✓
				3 x 3 x 30 OA	26-24 ✓	✓	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		OPEN HEARTH PROCESS. ✓	
PLATES:—		Dorman Long & Co Ltd. Appleby Frodingham Steel & Iron Co. Bessett Iron Co.	
ANGLES:—		Shinningrove Iron & Steel Co Ltd. Dorman Long & Co Ltd. Appleby Frodingham Steel & Iron Co. Bessett Iron Co.	
Has the Steel been tested as required by the Rules?		Yes. ✓	

CASTING OR FORGING.	SCANTLINGS.	MAKER'S NAME.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
KEEL, Bar	ROLLED BAR 8" x 2"	APPLEBY FRODINGHAM	
STEM	8" x 2"	STEEL CO LTD,	
STERN FRAME	Propeller Post	FORGED SCRAP STEEL 8" x 3 3/4"	T.S. FORSTER & SONS
	Rudder	8" x 3 3/4"	SUNDERLAND.
Speed of Vessel	12 KNOTS.		
RUDDER—Type	FORGED FRAME ORDINARY DOUBLE PLATE		
" A x D	50.28 x 2.85 = 143.3		
" Diam. of head	FORGED SCRAP STEEL 6 1/2" DIA		
" Mainpiece at top pintle	7 x 4 1/4		
" " heel	5 x 3 1/4		
" how constructed	FORGED FRAME AND SIDE PLATES.		
" double single plate	32		
" coupling, vertical or horizontal	HORIZONTAL.		

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwts. qrs. lbs.	Cwts.			
41549	1st Bower ...	10 2 7	NONE	12 10 3 21	10 1/2 ✓	STOCKLESS	NOT GIVEN	SUNDERLAND 7/1/42 W.N. NORMAN
41581	2nd „ ...	10 0 14	NONE	12 2 0 21	9 3/4 ✓	„	„	SUNDERLAND 17/1/42 W.N. NORMAN
	3rd „ ...							
	Collective weight.				20			
54401	Stream	3 3 24	1 0 0	6 7 2 0	4 ✓	LOCKTAW FORGED OPEN HEARTH INGOT STEEL	NOT GIVEN	CRANLEY HEATH 10/1/51 S.C. PAUL

[illegible]

Steering Gear, Type (Power or hand) *Donkin Hydraulic Steering Gear* Alternative Means of Steering *Hand Gear by Donkin Ltd.,*

Steering Chains (Size and Test) *None* ✓ Windlass *Steam and Hand by Gannell & Co. Ltd., Hull* Boats *1-16 ft Dinghy* ✓

Ceiling in Holds, thickness and material *None* ✓ Cargo Battens, thickness, material and spacing *None* ✓

Cargo Hatchways.—(Upper Deck) *None* Thickness of Hatches ✓

Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature

BOOK, WELTON & GEMMELL LTD

As Campbell
General Manager

The vessel has been built in accordance with the approved plans and specification.

The materials and workmanship are good.

The Fore & aft peak tanks, Fresh Water tanks, Reserve Feed tank and cod liver oil tanks, have been tested in accordance with rule requirements and found satisfactory.

Bottom flooded in way of chain locker, space for store ford, asdic space, magazine & spirit rooms, coal bunkers, engine & boiler spaces, and found satisfactory, shell holed, ford & aft W.T. Flats flooded and found in order.

Decks, carings & deckhouses, windlass, steering gear and arrangements have been tested and found satisfactory.

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 100A1. STEAM TRAWLER
"FOR GOVERNMENT SERVICE."

Signature W. J. Gordon & R. A. J. Gordon.
Surveyor to Lloyd's Register of Shipping

TUE 24 MAR 1942

+ 10000

Steam Trawler

Government Service

Lycopodium *asc. E. S. D. ex*

Windle, Bul

+ Lumb. 3.42
J.D., C.

Lloyd's Register
Foundation

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.)

The approved plans are being retained for reference in dealing with sister vessels, copies of these are in the Nottingham Office.

An Echo Sounding Device has been fitted.

Two fuzing reports are forwarded herewith.

Sister vessel to "BIRDLIP" Rpt Hul 51492
" " " " "DUNTON" Rpt Hul 51525

PARTICULARS OF ELECTRIC WELDING (if employed)

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

* 100 A.I. STEAM TRAWLER "FOR GOVERNMENT SERVICE"

		Burts.	gms.	lbs.	SURVEYOR	CERT. NO.	DATE OF TEST	LLOYD'S NO.
Particulars of Drop Test of Cast Steel Anchors, viz.:—	1st Bower	5	3	25	R.H.T.G.	41549	30/8/41	4221
Weight, Surveyor's Initials, Number of Certificate, Date of Test.	2nd "	5	3	13	K.L.	41581	11/10/41	4318
	3rd "							

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 89.41 ft., Bridge ☒ ft., Forecastle 28.40 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

Official No. ☒ Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length 182.17' (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Dth STEEL WITH R. Q. DECK.

Parts of Bottom of Vessel coated with cement or approved composition

floor top

Peaks & E.B. spaces & Bunkers concrete to level of

Particulars of composition (if fitted) and of approval

Bitum Solution in Fresh Water Tanks.

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,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft, RESERVE FEED TANK (AMIDSHIPS).	4.5	24.3
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward, FRESH WATER TANK (")	3.5	18.7
Double bottom, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Other tanks, if fitted, FRESH WATER TANKS AFT (P&S)	11.08	11.75 (TOTAL)
Total length (if continuous) and Capacity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(If necessary, furnish further information by sketch.)	12.66	

Order for Special Survey No. 3259.

Date 30th January, 1941.

Dates of Surveys held while building

1941. Feb. 17. Mar. 14. Apr. 3. 11. 17. 24. 29. May 2. 6. 10. 13. 16. 17. 19. 21. 23. 27. June 4. 10. 13. 25. 27. July 1. 4. 8. 9. 15. 18. 21. 23. 25. 26. 29. Aug. 8. 12. 16. 20. 29. Sept. 1. 3. 6. 10. 12. 16. 18. 19. 20. 22. 24. 26. Oct. 1. 2. 4. 8. 13. 17. 18. 21. 24. 25. 27. 29. Nov. 1. 4. 5. 7. 11. 14. 18. 20. 22. 25. 27. 29. Dec. 1. 4. 17. 29. 1942. Jan. 6. 12. 27. 28. Feb. 6. 7. 9. 10. 12. 14. 16. 17. 18. 21. 25. 27. Mar. 2. 3. 4. 12.

Total No. of Visits

98.