

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

Received at London Office.

SECTION  
WRECKState 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

19th January 1942

Port of

Hull

Survey held at

Beverley &amp; Hull

Date First Survey

17th February

Last Survey

15th January

1942

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

Steel single screw 1/2 Trawler

"BUTSER"

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

Full Scantling

State Type of Erections

RAISED QUARTER DECK AND WHALEBACK

TONNAGE under Tonnage Deck...

440.76

CLASS 100 A-1 STEAM TRAWLER State if with freeboard *No*  
FOR GOVERNMENT SERVICE condition of Class

Built at

Beverley

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

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

L 165

Launched 29th July 1941

Yard No. 683

Total

440.76

Breadth (greatest moulded)

B 28

Builders Messrs Cook, Welton &amp; Gemmell Ltd.

Gross Tonnage

510.65

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

Owners

The Admiralty

Register Tonnage

160.22

1st Longitudinal Number (L x D) = 2475

2nd Numeral L x (B + D) = 7095

Managers

(Where necessary to be entered in Reg. Book)

Residence

London

REGISTERED DIMENSIONS.

FEET.

Length

167.7

Breadth

28.15

Depth

14.1

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

11

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

11

Draught Moulded

11

Port of Registry

If surveyed while building, afloat, or in dry dock

Building &amp; 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	18 To 21	one space 22	Bracket Floors, Frame		
" " from 3/4 length amidships to Collision bulkhead			" " Reversed Frame		
" " in peaks	STEAM TO 1/2 FOR 21" FOR 16" 19 1/2		" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	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		
Depth of Framing Girder	5		" " Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, E or F			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " Third " " " "			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " from 1/4 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " in Peaks, Angle or E	5 x 3 x 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	3/4 — 5/4		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake		
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.		Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			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?		
INGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	18 x 38		Uppermost Continuous Deck, amidships in Holds, Angle, E or F	5 x 3 x 40 O.A.	
Height of Brackets at side above base line at toe of frame	42 IN E & B SPACE		" " in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F	12 x 4 x 4 x 36 LBS.		Spacing	EVERY FRAME	
" " Through Plate or Intercoastal Plate			LOWER AFT.		
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F	5 x 3 x 32 O.A.	
" " Flat Plate Keel Angles			Spacing	EVERY FRAME	
Side Keelsons, No. each side	ONE L 6 x 4 x 40		LOWER FORD		
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, E or F	FR. 53 To 59 6 x 3 x 35 O.A. FR. 59 To 82 5 x 3 x 32 O.A.	
" " Angles			Spacing	EVERY FRAME	
DOUBLE BOTTOM.			STORE FLAT FORD		
Solid Floors, thickness and spacing			Fourth Deck, amidships, Angle, E or F	5 x 3 x 30 O.A.	
" " Are Frame and Reversed Frame joggled?			Spacing	ALTERNATE FRAMES	
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, E or F		
" " breadth and thickness at margin plate			Spacing		
			Bridge Deck, Angle, E or F		
			Spacing		
			WHALEBACK		
			Forecastle Deck, Angle, E or F	5 x 3 x 40 O.A.	
			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.....	Three ✓		Stringer Plate, breadth and thickness in way of Bridge .....		
<i>FORWARD.</i>			Thickness of Plating abreast Deck openings in way of Wells .....		
"    in 'tween Decks, Size and Spacing.....	3" DIA - AS APP'D ✓		Thickness of Plating abreast Deck openings in way of Bridge .....		
"    "    "    "    "    "	✓		Thickness of Plating within line of openings...		
"    in <del>Holds</del> <i>STORE ROOM FORWARD</i>	3" DIA - AS APP'D ✓		If Sheathed, material and thickness .....		
"    "    "    "    "    "			<i>LOWER</i> <i>FORD</i> <i>PLATED</i> <i>AT HARTSHIPS</i>	26	
<i>F &amp; A</i> <b>Centre Line Bulkhead.</b> <i>IN CROSS BUNKER</i>			Stringer Plate, breadth and thickness .....	26	
Stiffeners and Spacing.....	<i>FRS. 40-53</i> 1 x 3 x 40 5" SPACED 41" ✓		If Plated, state thickness.....	26	
Plating, thickness of .....	26 ✓		<i>LOWER</i> <i>AFT.</i>		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>	30	
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	30	
Stringer Plate, breadth and thickness in Wells	60 x 32 x 31 ✓		If Plated, state thickness .....	30	
"    "    "    "    in way of Bridge	✓		<i>STORE FLAT FORD</i> <i>POOP DECK.</i>		
"    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 .....	38 ✓		Plating, Sheathing, material and thickness ...	2 1/2" W.W.	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	28 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	<i>FRS. 1 to 18</i> 5 x 2 1/2 BORNED ✓ <i>AND 56 to 82</i> WHITE PINE ✓		Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<i>WHALEBACK</i> <b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....	30	
			Plating, Sheathing, material and thickness ...	30	

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c)			4				
Deck next below			3				
As per Rule							
			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper between decks			FR 53 30	6 x 3 x 34 BA	27	✓	✓
" " Second			FR 82 30	6 x 3 x 44 BA	30	✓	✓
" " Third							
" " Holds							
COLLISION			FR 100 30-38	4 x 3 x 30 OA	24	✓	✓
" (in Hold)			FR 7 38	5 x 3 x 36 OA	24	KEEL TO W.T. FLAT.	
AFTER PEAK			FR 18 26	3 x 2 1/2 x 5 1/6 OA	30	W.T. FLAT TO MAIN D.K.	
" "			FR 1 30	3 x 3 x 40 OA	26-24	TO LOWER D.K.	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....		ROLLED BAR 8"x2"	APPLEBY FRODINGHAM	
<b>STEM</b> .....		" " 8"x2"	STEEL CO. LTD.,	
<b>STERN FRAME</b> {	Propeller Post .....	FORGED SCRAP 8"x3 3/4"	T. S. FORSTER & SONS	
	Rudder " .....	" " 8"x3 3/4"	SUNDERLAND	
<b>Speed of Vessel</b> .....		12 KNOTS		
<b>RUDDER—Type</b> .....		FORGED FRAME ORDINARY	DOUBLE PLATE	
" A x D .....		50.28 x 2.85 = 143.3	T. S. FORSTER & SONS	
" Diam. of head .....		FORGED SCRAP 6 1/2" DIA	SUNDERLAND	
" Mainpiece at top pintle .....		" 7 x 4 1/4"		
" " heel ... ..		" 5 x 3 1/4"		
" how constructed .....		FORGED FRAME AND SIDE PLATES		
" double or single plate .....		32		
" coupling, vertical or horizontal .....		HORIZONTAL		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH PROCESS*

**STEEL.** *PLATES:- Dorman Long & Co., Appleby-Frodingham, Consett Iron Co. Ltd.,*  
*ANGLES:- Skinningrove I & Co., Appleby-Frodingham I & Co., Dorman Long & Co., Cargo Fleet I & Co., Consett Iron Co. Ltd.,*  
Has the Steel been tested as required by the Rules? *YES.*



EQUIPMENT No.											LETTER	ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
41397	1st Bower ...	10	1	4	STOCKLESS			12	6	2	7	10 3/4	STOCKLESS	NOT GIVEN	SUNDERLAND 12/11/41 W.V. NORMAN
41476	2nd " ...	10	2	0	"			12	8	3	0	9 3/4	"	"	" 11/12/41 "
	3rd " ...														
	Collective weight.														
54404	Stream .....	3	3	2 1/2	1	0	0	6	7	2	0	4	RODGERS STEEL STOCK.	NOT GIVEN	CRADLEY HEATH 10/9/41 S.C. PAUL

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		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 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
64566	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.	STUD LINK	RICHARD SYKES & SON	CRADLEY HEATH 31.12.41 S.C. PAUL	TOWLINE	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	1015 E&B 15 FMS	1 3/16	25 3/8	38	109.0.6.		108 1/2	150	1 3/16									30	6"
														HAWSERS & WARPS	150	2 1/2"	Admiralty Pattern		
														"	120	2 1/2"	Mooring rope.		
														"	120	1 1/2"	all supplied by Admiralty.		
														"	120	4"	Cable		
Iron Steam Chain or Steel Wire	150	2 1/2"	SUPPLIED BY ADMIRALTY																

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

Steering Chains (Size and Test) *None* Windlass *Steam & Hand by Gemmell & Trow 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 *✓*

No. 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

*W. J. Campbell*  
General Manager

GENERAL 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*  
(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 (where required to be inserted in the Notation).

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

*The materials and workmanship are good.*

*The Fore & After peak tanks, Fresh Water Tanks, Reserve Feed tank and oil fuel oil tanks, have been tested in accordance with rule requirements and found satisfactory.*

*Hold flooded in way of chain locker, space for stores forward, and in space, magazine & spirit rooms, coal bunkers, engine & boiler spaces, and found satisfactory.*

*Well headed, forward and aft W.T. plates flooded and found in order.*  
*Wells, casings & deckhouses, windlass, steering gear and arrangements have been tested and found satisfactory.*

The amount of Entry Fee ..... £ - : - : -

Fees applied for  
28 JAN 1942

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

Special Survey Fee... £ 78 : 0 : 0

SUPERVISION OF SPECIFICATION £ 78 : 0 : 0

Travelling Expenses, if any £ 1 : 13 : 0

Received by me  
11 FEB 1942

I am of opinion the Vessel should be Classed *\*100.A.1. STEAM TRAWLER*  
"FOR GOVERNMENT SERVICE."

State whether the Vessel has been built under Special Survey *Yes*

Signature

*W. J. Campbell*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull*

Date of issue *20/3/42*

Committee's Minute

Character assigned *+100.A.1*

*Steam Trawler*

*For Government Service*

*Lloyd's Assoc. 2.5.42 Od.*

*W. J. Campbell*  
*W. J. Campbell*

*+100.A.1.42*  
*2d. Ch.*

Lloyd's Register  
Foundation

0106 2/2



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.)

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

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.L. STEAM TRAWLER "FOR GOVERNMENT SERVICE"

ESD See letter 23.2.42

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

1st Bower	6.	0.	17	GGY	3929	21/4/41.
2nd "	6.	0.	3.	R.H.J.G.	4160	21/8/41.
3rd "						

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 89.41 ft., Bridge ☒ ft., WHALEBACK 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 (Circ. 1611) ☒ Over-all Length 182.17' (Circ. 1708)

No. and Material of Decks 1 DK STEEL WITH R.Q.D.S

Parts of Bottom of Vessel coated with cement or approved composition

Floor tops. Bath & E & B spaces & Bunkers concrete to level of

Particulars of composition (if fitted) and of approval Bitumen 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) 3	11.08		
Total length (if continuous) and Capacity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			12.66	11.75 (Total)	

Order for Special Survey No. 3257

Date 10-1-41.

Dates of Surveys held while building

1941. Oct. 17. Mar. 14. 31. Apr. 3. 11. 17. 22. 24. 29. May. 2. 6. 10. 13. 16. 17. 19. 21. 23. 27. June 4. 10. 15. 25. 27. July. 1. 4. 8. 9. 15. 18. 21. 23. 25. 26. 28. 29. Aug. 8. 12. 16. 20. 29. Sep. 1. 3. 6. 12. 18. 19. 20. 22. 24. 26. Oct. 1. 2. 4. 8. 13. 17. 18. 21. 24. 25. Nov. 5. 19. 24. 25. 27. Dec. 1. 7. 29. - 1942. Jan. 6. 10. 13. 15.

Total No. of Visits 73