

RECEIVED

NOV 1949

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office

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

14-10-49

Port of

IPSWICH

No.

119121

Survey held at

LOWESTOFT

Date First Survey

14 JULY 1948

Last Survey

5-10-

1949

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

MOTOR TRAWLER "BOSTON SWALLOW"

MACH. FITTED AFT.

State Type

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

FULL SCANTLING.

State Type of Erections PORTABLE FORECASTLE.

TONNAGE under Tonnage Deck ...

139.06

CLASS +100A1 "Motor Trawler" State if with freeboard as condition of Class No.

Built at LOWESTOFT.

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

17.58

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 100.0

Launched 16.5.49 Yard No. 384.

Total

156.64

Breadth (greatest moulded) B 22.0

Builders RICHARDS IRONWORKS LTD.

Gross Tonnage

156.64

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 11.0

Owners BOSTON DEEP SEA & ICE FISHING CO. LD.

Register Tonnage

60.34

1st Longitudinal Number (L x D) 1100 = 2200

Managers

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length

102.3

Framing Depth "d," at middle of length. See Sec. 3 (1d) 9.84

Residence

Breadth

22.1

Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.09

Port of Registry LOWESTOFT.

Depth

10.3

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock


Draught Moulded

BUILDING.

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	✓	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	20	✓	" " Reversed Frame		
" " in peaks	20	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	4" 2 1/2" 5/16"	✓	" " top Angles		
" " Extends up to	UPPER DECK		" " bottom Angles		
Reversed Frame Amidships, Angle		✓	Side Girders, No. each side and thickness		
" " Extends up to		✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4"	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous Decks, Angle, E or F		✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, E or F		✓	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " "		✓	" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. from stem to 15% len. from Stem	4" 2 1/2" 5/16"	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle of F	4" 2 1/2" 5/16"	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" - 4 1/2"	✓	Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5" x 3" x 50"	5 1/2" x 3" x 3/8"
Floors, Depth and thickness at mid-line in Holds	1/4" x 32"	✓	" " in way of Bridge, Angle, E or F		
Height of Brackets at side above base line at toe of frame		✓	Spacing	40"	✓
Middle Line Keelson, on Floors, Angles, E or F	7" x 3 1/2" x 3 1/2" x 20 LBS.	✓	Second Deck, amidships, Angle, E or F		
" " Through Plate or Inter-costal Plate		✓	Spacing		
" " Foundation Plate on Floors		✓	Third Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles		✓	Spacing		
Side Keelsons, No. each side	ONE	✓	Fourth Deck, amidships, Angle, E or F		
" " thickness of Inter-costal Plate		✓	Spacing		
" " Angles	6" 3 1/2" x 3 1/2"	✓	Poop Deck, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, E or F		
" " Are Frame and Reversed Frame joggled?		✓	Spacing		
Bracket Floors, breadth and thickness at middle line		✓	Forecastle Deck, Angle, E or F	5" x 3" x 50"	✓
" " breadth and thickness at margin plate		✓	Spacing		

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	Two		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 „ „ „ „ „ 	2 x 2 x 1/4 CHANNELS		Thickness of Plating within line of openings...		
„ „ „ „ „			If Sheathed, material and thickness.....		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing	✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	30 34		If Plated, state thickness.....		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 x 3 x 3/8	3 x 3 x 3/8	Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings } in way of Wells	✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings } in way of Bridge.....	✓		Bridge Deck.		
Thickness of Plating within line of openings...	30		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness.....	3 - PINE		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness FORECASTLE	26	
			Plating, Sheathing, material and thickness...	26	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
BAR KEEL												
Flat Plate Keel.....	6	1 1/4	THROUGHOUT									
„ Dblg. (if any)												
Bottom Plating, No. of		.36	.34	.34		D.R.	5/8	2 7/8	D.R.	3/4	2 5/8	STRAPPED.
Strakes THREE..}		.34	.32	.32		D.R.			D.R.	5/8	2 1/4	LAPPED.
Bilge Plating, No. of		.35	.35	.35		D.R.	5/8	2 7/8	DR	5/8	2 1/4	LAPPED.
Strakes ONE.....}												
Side Plating, No. of		.40	.35	.35		DR.	5/8	2 7/8	DR.	3/4	2 5/8	STRAPPED
Strakes ONE.....}												
Upper Deck, Sheer- strake in Wells.....}		✓										
Upper Deck, Sheer- strake in Bridge ...}		✓										
Strake below Sheer- strake in Wells.....}		✓										
Strake below Sheer- strake in Bridge ...}		✓										
Poop Side Plating.....		✓										
Bridge Side Plating.....		✓										
Forecastle Side Plating			.26			S.R.	5/8	2 7/8	S.R.	5/8	2 1/4	STRAPPED

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)	3 ✓
„ Deck next below	✓
As per Rule	3

FORGINGS AND CASTINGS.

	Casting or Forging.	Scanflings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	ROLLED ✓	6 x 1 1/4 ✓		
STEM	✓			
STERN FRAME { Propeller Post	FORGED ✓	5 1/4 x 2 1/2 ✓		
{ Rudder "	" ✓	5 1/2 x 2 1/2 ✓		
Speed of Vessel	10 KNOTS. ✓			
RUDDER—Type	ORDINARY ✓			
" A x D.	55.8 ✓			
" Diam. of head	4 1/2" ✓			
" Mainpiece at top pintle	5" ✓			
" " heel	3/2 - ✓	3 7/8 ✓		
" how constructed	FORGED ✓	ARMS ✓	SHRINK ON.	
" double or single plate	DOUBLE ✓			
" coupling, vertical or		✓		
" horizontal	NONE ✓			

STEEL.

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

APPLEBY FRODINGHAM STEEL CO. LD.

Has the Steel been tested as required by the Rules? YES ✓

EQUIPMENT No. 3300										LETTER R	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.		
65746	1st Bower	5	2	21	✓			8	0	2	14	✓	CRADLEY HEATH
65748	2nd "	5	0	12	✓			7	9	2	21	✓	3-5-48 H. PHILLIPS
	3rd "												Do
	Collective weight	10	3	5									
66178	Stream	2	2	7		2	21	5	2	2	0	✓	CRADLEY HEATH
													12-7-48 H. PHILLIPS

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.	Ins.		Tons.	Length.	Ins.	Fathoms.
77037	75 ⁵ / ₁₆	1 ⁵ / ₁₆	15 ¹ / ₄	23 ¹ / ₂	34-0-6	34	75	1 ⁵ / ₁₆	STUD LINK	CONNOP BROS CRADLEY HEATH	CRADLEY HEATH 20-7-48 H. PHILLIPS	TOWLINE	75	7 ¹ / ₂		60	5 ¹ / ₂		
												HAWSERS & WARPS }	75	3 ¹ / ₂		60	5 ¹ / ₂		
C. 6657. Iron Stream Chain Steel Wire	60	1 ¹ / ₂	3	✓	9-3-6		60	1 ¹ / ₂	SHORT LINK	CONNOP BROS CRADLEY HEATH	CRADLEY HEATH 26-8-49. H. COBBOURNE		"						

Steering Gear, Type (Power or hand) HAND Alternative Means of Steering TILLER

Steering Chains (Size and Test) 5/8" DIAM. 9 1/4 TONS. CERT. NO. 56693 Windlass DECK WINCH Boats ONE

ing in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing ✓

Hatchways.—(Upper Deck) HATCH TO FISH HOLD (No 1) HATCH TO AFTER WELL (No 2) Thickness of Hatches 2 1/2"

f Hatchways No. 1 (Fwd.) 13' 4" x 6' 6" No. 2 3' 4" x 3' 4" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

ber of Shifting Beams ✓

l/or Fore and Afters ✓

Builder's Signature For RICHARDS IRONWORKS LIMITED.

CRD

ERAL 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).

This ship has been built in conformity with the Society's Rules & Regulations and the Secretary's letter. The scantlings and arrangements are in accordance with or equivalent to, those shown on the approved plans.

The tank & fuel bunkers have been tested with lead & water to Rule Requirements.

The deck, casing, bulkheads & waterways have been hose tested.

The anchors, deck winch, steering gear & emergency gear have been examined under working conditions.

The materials & workmanship are sound & of good description.

The amount of Entry Fee..... £ : : Fees applied for, 26 Oct 1949 (Special notations, where part of class, to be stated.)

Special Survey Fee..... £ 25:15:0 Received by me, _____

Travelling Expenses, if any £ 12:18:2 19 _____

I am of opinion the Vessel should be Classed 100A1

" MOTOR TRAWLER "

State whether the Vessel has been built under Special Survey Yr. Signature D. J. Russell

Certificate to be sent to BUILDERS Date of issue 23/1/50 Surveyor to Lloyd's Register of Shipping.

Committee's Minute 2 DEC 1949

Character assigned +100A1 Motor Trawler.

Regs ATCP.

+LMC 10.49 Oil Eng.

O.B.

Working certificate thereon

hobbe spr.

Lloyd's Register Foundation

002330-002339-0097 1/2

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.)

"As Built" plans will be forwarded on receipt of same from Builder.

PARTICULARS OF ELECTRIC WELDING (if employed)

SIDE BUNKERS (FUEL OIL)

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

"MOTOR TRAYLER"

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

1st Bower 3 CWTs, 1 QR, 3 LBS. AEG. N° 840 13-11-47.
2nd " 2 CWTs, 3 QRS, 24 LBS. AEG. N° 25 17-3-47.
3rd " "

Not for Record
Portable

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 16 ft.

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

Official No. 166723

Signal Letters

Extreme Breadth over Belting 22'-2 7/8"

Over-all Length 110'-2"

No. and Material of Decks ONE STL

Parts of Bottom of Vessel coated with cement or approved composition CEMENT

Particulars of composition (if fitted) and of approval

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'-8"	6
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 length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date 25/5/49

Dates of Surveys held while building

1948: July 14, Aug 18, Oct 12, 26, Nov 4, 12, 22, Dec 20, 29

1949: Jan 11, 21, Feb 3, 17, 23, Mar 3, 9, 16, 22, 25, Apr 8, May 6, 16, 30, June 12, July 6, 22, Aug 24, 30

Sent 7.15.26 Oct 6

Total No. of Visits 32