

State if Report is sent on the Machinery of the Vessel yes.

Survey held at Selby and Hull. Date First Survey 12th. August 1942 Last Survey 3rd. April 1943.

On the (State if Machinery fitted with and if Single, Twin or Triple Screw) *Steel Single Screw 4/5 Yawler "BREAM".*

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* Full Scantling State Type of Erections R.G. DECK & FORECASTLE

TONNAGE under } 339.88
Tonnage Deck ... }

CLASS 100 A1.
"STEAM TRAWLER"

State if with freeboard } ✓
as condition of Class }

Built at Selly

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

Length from fore part of stem to after part of stern } L 146.5 ✓
post on summer L.W.L. See Sec. 3 (1a)

Launched 10th December 1942 Yard No. 1259.

Total 339.88

Breadth (greatest moulded) B 25.0 ✓
 Depth, at middle of length from top of keel to top }
 of beam at side of uppermost continuous }
 deck. See Sec. 3 (1c) D 14.0 ✓

Builders *Bochane & Sons Ltd*

Gross Tonnage 388.53

1st Longitudinal Number (L \times D).....= 2051 ✓

Owners The Admiralty

Register Tonnage 127.98

2nd Numeral $L \times (B + D)$ = 5713 ✓

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

REGISTERED DIMENSIONS.

FEET

Length 147.8

Framing Depth "d," at middle of length. See } 12.58 ✓
Sec. 3 (1d).....

Residence London

Breadth 25.15

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 10.46

Port of Registry.....

Depth 13.25

Do. Long Bridge to } ✓
top of keel }

If surveyed while building, afloat, or in dry dock

Draught Moulded ✓

During construction

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	✓	Bracket Floors, Frame			
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....		16	✓	" " Reversed Frame.....			
" " in peaks.....		21	✓	" " Vertical Struts			
SIDE FRAMING.		16	✓	Centre Girder, depth and thickness amidships			
Frame Amidships, Angle, \square or \square		5	3	40	✓		
" " Extends up to.....		UPPER 2	R.Q. DECKS.	✓	" " top Angles		
Reversed Frame Amidships, Angle		3	3	38	✓	" " bottom Angles.....	
" " Extends up to.....		main floors.	✓	Side Girders, No. each side and thickness.....			
Depth of Framing Girder.....		5	✓	Margin Plate depth (excl. of flange) and thickness			
Frames in Uppermost Continuous 'tween Decks, Angle, \square or \square				" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem			
" " Second 'tween Decks, Angle, \square or \square				" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area			
" " Third				" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....			
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem				" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area			
" " in Peaks, Angle or \square		5	3	40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		$\frac{3}{4}$	-	$5\frac{1}{4}$	✓	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?		AS APPROVED		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?		Yes.	✓
SINGLE BOTTOM.				BEAMS.			
Floors, Depth and thickness at mid-line in Hold.....		17"	x	38	✓	Uppermost Continuous Deck, amidships in Walls, Angle, \square or \square	
Height of Brackets at side above base line at toe of frame.....		50 E.R.M.	-	43 B. R.M.	✓	" " in way of Bridge, Angle, \square or \square	
Middle Line Keelson, on Floors, Angle, \square or \square		12x4x4	x	96x47	No.	Spacing	
" " Through Plate or Intercoastal Plate			✓	RAISED QUARTER			
" " Foundation Plate on Floors			✓	Second Deck, amidships, Angle, \square or \square		5	3
" " Flat Plate Keel Angles			✓	Spacing		42	✓
Side Keelsons, No. each side.....		ONE	✓	Third Deck, amidships, Angle, \square or \square			
" " thickness of Intercoastal Plate.....			✓	Spacing.....			
" " Angle.....		5	4	50	✓	Fourth Deck, amidships, Angle, \square or \square	
DOUBLE BOTTOM.				Poop Deck, Angle, \square or \square			
Solid Floors, thickness and spacing				Spacing.....			
" " Are Frame and Reversed Frame joggled?				Bridge Deck, Angle, \square or \square			
Bracket Floors, breadth and thickness at middle line				Spacing.....			
" " breadth and thickness at margin plate.....				Forecastle Deck, Angle, \square or \square		4	3
				Spacing.....		21"	to 32"

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	ONE ✓		Stringer Plate, breadth and thickness in way of Bridge	 A vertical rectangular diagram representing the hull section where stringer plates are located. It has horizontal lines at the top and bottom, and several diagonal lines connecting them, indicating the placement of various plating sections like boiler casing, engine casing, forecastle deck, etc.	
" " in tween Decks, Size and Spacing	3" DIAR. AS APPROVED ✓		Thickness of Plating abreast Deck openings in way of Wells		
" " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge.....		
" " in Holds " " " "	✓		Thickness of Plating within line of openings...		
Centre Line Bulkhead. IN CROSS BUNKER Stiffeners and Spacing	F 5 3 .30 ✓ SP. 40" x 42"		If Sheathed, material and thickness.....		
Plating, thickness of30		Third Deck. Stringer Plate, breadth and thickness.....		
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	50" x 31 R.O. DECK		If Plated, state thickness		
" " " " in way of Bridge	53" x 31		Fourth Deck. Stringer Plate, breadth and thickness.....		
" Angle in Wells	3 3 -375 ✓		If Plated, state thickness.....		
Thickness of Plating abreast Deck openings } in way of Well BOILER CASING.....}	.35		Poop Deck. Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings } in way of Bridge ENGINE CASING.....}	.31.		Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings...	.31 ✓		Bridge Deck. Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness (UPPER DW) 5" x 2½" BORNEO PINE. ✓			Plating, Sheathing, material and thickness ...		
Second Deck. Stringer Plate, breadth and thickness in Wells	✓		Forecastle Deck. (WHALEBACK) Stringer Plate, breadth and thickness.....	30" x 30 ✓	
			Plating, Sheathing, material and thickness... " UNDER WINDLASS	.28 .31 ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
GARBOARD Flat Plate Keel	"A"	32	50	42	42	DOUBLE	3/4	5 PR. R.	DOUBLE	3/4	2 5/8	STRAPPED
„ Dblg. (if any)	✓	✓				✓						
Bottom Plating, No. of Strakes	"B"	51	40	37 1/2	37 1/2	DOUBLE	3/4	5 PR. R.	DOUBLE	3/4	2 5/8	LAPPED
Bilge Plating, No. of Strakes	"C"	51	43	37 1/2	37 1/2	"	"	"	"	"	"	"
Side Plating, No. of Strakes	"D"	53	40	37 1/2	37 1/2	"	"	"	"	"	"	"
Side Plating, No. of Strakes	"E"	51	43	37 1/2	37 1/2	"	✓	"	"	"	"	"
Upper Deck, Sheer- strake in Wells	"G"	42	62 1/2	50	50	DOUBLE	3/4	5 PR. R.	DOUBLE	3/4	2 5/8	STRAPPED
Upper Deck, Sheer- strake in Bridge	✓	✓				✓						
Strake below Sheer- strake in Wells	"F"	51	40	37 1/2	37 1/2	DOUBLE	3/4	5 PR. R.	DOUBLE	3/4	2 5/8	LAPPED
Strake below Sheer- strake in Bridge	✓	✓				✓						
Poop Side Plating	✓	✓				✓						
Bridge Side Plating	✓	✓				✓						
Forecastle Side Plating	53	31				SINGLE	3/4		SINGLE	3/4	2 5/8	STRAPPED

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)	4 ✓
„ „ Deck next below	✓
As per Rule	4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scanblings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	ROLLED	8" x 2"		
STEM	"	8" x 2"		
STERN FRAME {	Propeller Post	7 1/2" x 3 1/2"	T. S. FORSTER & SONS.	
	Rudder	7 1/2" x 3 1/2"	12 ft. 3 in. x 14 in. x 16 in. vessels	
Speed of Vessel		12 KNOTS.		
RUDDER—Type	ORDINARY	STREAM LINE TYPE		
" A x D		116-86		
" Diam. of head		6"		
" Mainpiece at top pintle		6 1/2" x 4 1/2"		
" " heel		3 1/2" x 6 1/2"		
" how constructed	FORGED & BUILT.			
" double or single plate	DOUBLE			
" coupling, vertical or	HORIZONTAL.			
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D,	ON FRAME N ^o 47 ✓ Upper between decks	40--26	6"x3"x30F ✓	24" ✓	W.T. FLAT ✓
"	"	" " Second " 67 ✓	36--26	6"x3"x30F } 4"x3"x30F }	30" ✓	W.T. FLAT ✓
"	"	" " Third " 84 ✓	36--26	6"x3"x30F } 4"x3"x30F }	24" ✓	✓
"	"	" " Hold " 5 ✓	43--28	4"x3"x40F ✓	24" ✓	✓
COLLISION	"	" " (in Hold) " 12 ✓	26	3"x3"x30F ✓	30" ✓	✓
AFTER PEAK	"	" " " " " "				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
 PLATES:- APPLEBY-FRODINGHAM STEEL CO. LD. CONSETT IRON CO. LD.
 SECTIONS:- DORMAN, LONG & CO. LD. SKINNINGROVE IRON CO. LD. DORMAN, LONG & CO. LD. CARGO FLEET IRON CO. LD.
 Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. ✓				LETTER ✓ 9				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
42839	1st Bower	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
42838	2nd "	8	2	0	Stockless			10	12	2	0
	3rd "	8	0	0	"			10	2	2	0
	Collective weight	16	2	0							
1991A	Stream	4	0	18	0	3	5	6	12	2	0

(SUPPLIED BY ADMIRALTY) 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.		Length.	Ins.
2275	60	1 3/16	25 3/8	38	44-1-0		50	1 3/16	Steel B. Angley, Hanks	Netherlin	25.3.43 J.A. Bell	TOWLINE	30	6	MANILA FITTED WITH 35 F. S.W.R. EACH END.	60	6
66666	45	1 3/16	25 3/8	38	32-3-12	87	120	1 3/16	Link	Not stated	Cradley Heath 27.2.43 W.V. Worman	HAWSERS WARPS	120	6	MANILA	60	6
66742	14 5/16	1 3/16	25 3/8	38	10-2-23				"	"	Cradley Heath 25.3.43 W.V. Worman		120	4	COIR	60	5
Iron Stream Chain or Steel Wire	150	2 1/2	SUPPLIED BY ADMIRALTY.				100	2	F.S.W.R. unalloyed		at ship		150	2 1/2	IN 3 LENGTHS OF 50 FATHOMS.		
	(SUPPLIED BY ADMIRALTY)																

Steering Gear, Type (Power or hand) STEAM HYDRAULIC TYPE BY DONKIN & CO. LTD. Alternative Means of Steering TILLER WITH BLOCKS & TACKLE.

Steering Chains (Size and Test) NONE Windlass STEAM - J. S. DOIG (GRIMSBY) LTD. Boats 1-16'0" 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 FOR COCHRANE & SONS, LTD. Builder's Signature V. Gray DIRECTOR

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).

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, the specification, and in conformity with the Rules for the class contemplated. The materials and workmanship are good. Fore & after peaks, fresh water & feed water tanks tested to rule requirements and found satisfactory. Bottom of vessel and watertight flats flooded; shell plating and watertight bulkheads hoistested and found in order. Decks, casings &c. hoistested and found in order. Windlass, steering gear &c. tried under working conditions and found in order. No freeboard has been assigned.

The amount of Entry Fee... Fees applied for 16 APR 1943 Received by me, I am of opinion the Vessel should be Classed *100 A1 TRAWLER "FOR GOVERNMENT SERVICE".

State whether the Vessel has been built under Special Survey Yes. Certificate to be sent to Hull. Date of issue 10/5/43 Signature J. W. A. Clerk Surveyor to Lloyd's Register of Shipping.

Committee's Minute WED. 28 APR 1943 Character assigned +100 A1 Steam Trawler For Government Service Lloyd's Accr. + Line 4. 432080

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 under construction.

The following reports are enclosed herewith:-

Helm frame Sld. Rpt. No. 7692 ✓
Rudder frame Rudder head. " " 9406. ✓

This vessel is a sister ship to Bocheane Sld. Rpt. No. 1253 - "MULET". Hull Rpt. No. 51820.

✓ An echo sounding device has been fitted.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck forward + cabin flat aft electrically welded at ship's sides.
Approved electrodes used.

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

*100 A1. "STEAM TRAWLER".
"FOR GOVERNMENT SERVICE".

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5-1-21 incl. pins	A.E.G.	4392.	9-10-42.
	2nd "	5-1-0 " "	A.E.G.	4391.	9-10-42.
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 81.33 ft., Bridge ✓ ft., Forecastle 25.08 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 Bolting 25.17' Over-all Length 162.1' (Circ. 1611) (Circ. 1703)
No. and Material of Decks 1 DK (STL)
Parts of Bottom of Vessel coated with cement or approved composition. Fore & after peaks, E & B. spaces, bunkers & chain lockers coated with bituminous solution. Fresh water tank coated with "Biltum".
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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
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. 3323

Date 14th June 1942

Dates of Surveys held while building

1942:- Aug. 12-19. 21. Sept. 2. 9. 15. 18. 22. 29. Oct. 2. 9. 14. 19. 27. 30. Nov. 3. 9. 11. 18. 24. 27. Dec. 1. 8. 11. 16. 22. 29. 30. 1943:- Jan. 5. 18. 27. Feb. 1. 5. 12. 19. 26. Mar. 1. 4. 23. 29. April 1. 3.

Total No. of Visits 45