

16 AUG 1941
ADMIRALTY
CASE

WRECK (TRAWLER).
STEEL STEAMER or MOTORSHIP.
RECEIVED
LONDON OFFICE
15 AUG 1941

Rpt. No. 1323
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 13 June 1941. Port of Hull. No. 51286
Survey held at Selby and Hull. Date First Survey 17th Sept 1940. Last Survey 12th June 1941.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single screw M/S A/S Trawler "FLOTTA".
State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Hull scantling
State Type of Erections Forecastle

TONNAGE under Tonnage Deck... 406.54 CLASS * 100A - STEAM TRAWLER State if with freeboard as condition of Class No.
Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓ Length from fore part of stem to after part of stern } L 150'0"
Total 406.54 Breadth (greatest moulded) B 27'6"
Gross Tonnage 450.34 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 15'0"
Register Tonnage 143.15 1st Longitudinal Number (L x D) = ✓
2nd Numeral L x (B + D) = ✓

REGISTERED DIMENSIONS. FEET.
Length 153.8
Breadth 27.65
Depth 14.1
Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓
Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓
Do. Long Bridge to top of keel ✓
Draught Moulded ✓
Built at Selby.
Launched 15th Feb, 1941. Yard No. 1227.
Builders Messrs Cochrane & Sons, Ltd.
Owners The Admiralty.
Managers ✓
(Where necessary to be entered in Reg. Book.)
Residence London.
Port of Registry ✓
Surveyed while building, afloat, and in dry dock 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	22 ✓		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame		
" " in peaks	22 ✓		" " Vertical Struts		
IDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	5 3 40 ✓		" " top Angles		
" " Extends up to	Upper deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 40 } $3\frac{1}{2}$ " flange on floors.		Side Girders, No. each side and thickness		
" " Extends up to	across floors		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 ✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]			" " 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. for'd. to $\frac{1}{4}$ len. from Stem	5 3 46 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle $\frac{1}{4}$ or $\frac{1}{2}$	5 3 30 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$3\frac{1}{4}$ " - $5\frac{1}{4}$ " ✓		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?	No 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?	No approved.		BEAMS.		
NGLE BOTTOM.			Uppermost Continuous Deck, amidships	5 3 40 ✓	
Floors, Depth and thickness at mid-line in Holds	18" 40 ✓		" " in way of Bridge, Angle, [or]		
Height of Brackets at side above base line at toe of frame	44 B.R. - 42 E.R. ✓		Spacing	22 ✓	
Middle Line Keelson, on Floors, Angles, [or]	5 x 3" 40 - 30 ✓		LOWER FORWARD.		
" " Through Plate or Intercoastal Plate	42 - 38 ✓		Second Deck, amidships, Angle, [or]	5 3 35 ✓	
" " Foundation Plate on Floors	✓		Spacing	22 ✓	
" " Flat Plate Keel Angles	3 x 3" 44 - 40 ✓		LOWER AFT.		
Side Keelsons, No. each side	One. ✓		Third Deck, amidships, Angle, [or]	5 3 35 ✓	
" " thickness of Intercoastal Plate	✓		Spacing	22 ✓	
" " Angle	5 3 50 ✓		Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing		

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	One ✓	
" in 'tween Decks, ^{FORWARD} Size and Spacing.....	2 3/4" DIA - 44" ✓	
" " " " " " ✓		
CROSS BUNKER		
" in Hole " " ✓	2 7/8" DIA - 44" ✓	
" " " " " " ✓		
Centre Line Bulkhead.		
Stiffeners and Spacing (FRAMES 14-19) ✓	6 3 34 ✓	
Plating, thickness of	22" SP. 26 ✓	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	68 1/2 x 32 ✓	
" " " " in way of Bridge ✓		
" Angle in Wells	3 3 38 ✓	
Thickness of Plating abreast Deck openings) in way of Wells	32 ✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓	
Thickness of Plating within line of openings... ✓	28 ✓	
If Sheathed, material and thickness (FRS 13-33) ✓	BORNEO W.W. 2 1/2" ✓	
LOWER Second Deck. PLATED ATHWART SHIPS		
Stringer Plate, breadth and thickness in Wells...	26 ✓	
Stringer Plate, breadth and thickness in way of Bridge		
Thickness of Plating abreast Deck openings) in way of Wells		
Thickness of Plating abreast Deck openings) in way of Bridge		
Thickness of Plating within line of openings... ✓		
If Sheathed, material and thickness		
Third Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
Fourth Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness		
Poop Deck.		
Stringer Plate, breadth and thickness		
Plating, Sheathing, material and thickness ...		
Bridge Deck.		
Stringer Plate, breadth and thickness.....		
Plating, Sheathing, material and thickness ...		
Forecastle Deck.		
Stringer Plate, breadth and thickness.....	26 ✓	
Plating, Sheathing, material and thickness ...	26 ✓	
" UNDER WINDLASS	40 ✓	

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.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	39 1/2	46	42	42		Double	3/4	6 PR. Exc. F. Riv.	Two	3/4	2 5/8"	Strapped
„ DELG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
B. BOTTOM PLATING, No. of Strakes	66	40	40	40		Double	3/4	6 PR. Exc. F. Riv.	Two	3/4	2 5/8"	Lapped
C. BILGE PLATING, No. of Strakes	66	40	40	40		"	"	"	"	"	"	"
D. BILGE PLATING, No. of Strakes	66	40	40	40		"	"	"	"	"	"	"
E. SIDE PLATING, No. of Strakes	66	40	40	36		"	"	"	"	"	"	"
F. UPPER DECK, Sheer-strake in Wells	58	50	43	42		"	"	"	"	"	"	"
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	75	28	N°1 PLATE	50								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	7
Deck next below	3
As per Rule	4.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Flat plate keel.	✓	
STEM		72 x 1 7/8" Lonsdale & Co		
STERN FRAME {	Propeller Post	Cast	to	Stewarts &
	Rudder	Steel	approved	Lloyds Ltd
Speed of Vessel		12-13 knots	✓	
RUDDER—Type		Spade type		
" A x D		✓		
" Diam. of head		Cast 7" x 1 1/2"	✓	Stewarts &
" Mainpiece at top pin		Steel 9 1/2" x 1 1/2"	✓	Lloyds Ltd
" " heel		6" x 6"	✓	
" how constructed		Cast steel frame with side plates		
" double or single plate		Double-32	✓	
" coupling, vertical or		None.	✓	
" horizontal				

STIFFENERS.

		Plating Thickness.		VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
	ON FRAME N ^o 19	40	30	6 x 3 ³ / ₄ 5	30"	✓	✓
MIDSHIP BULKHEAD,	Upper tween decks	40	30	3 x 3 ³ / ₄ 5	30"	✓	✓
"	" " " Second "	52	42	3 x 3 ³ / ₄ 5	30"	✓	✓
"	" " " Third "	64	40	6 x 3 ³ / ₄ 5	27"	✓	✓
"	" " " Holds "	77	40	5 x 3 ³ / ₄ 5	30"	✓	✓
COLLISION	" (in Hold)	5	40	6 x 3 ³ / ₄ 5	24"	✓	✓
AFTER PEAK	" "	72	40	5 x 3 ³ / ₄ 5	27" 30"	✓	✓

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-Grudingham Steel Co. Ltd.; Corsett Iron Co. Ltd.; Dolman, King & Co. Ltd.*
 SECTIONS:- *Corsett Iron Co. Ltd.; Appleby Grudingham Steel Co. Ltd.; Dolman King & Co. Ltd.*
 Has the Steel been tested as required by the Rules? *Yes.*

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:

Rudder frame.

Propeller post + rudder bearing.

Lbs Rpt. No. 9949.

Lbs Rpt. No. 9949.

This is a sister vessel to Messrs Cochrane & Sons Ltd. Yant No 1225 - an Rpt. No. "CUMBRAE"

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at ship's sides; butts also E. welded. Approved electrodes used.

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

*100A- 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
2nd "
3rd "

9-2-21 incl. pins. J.T. 3823. 7-3-41.
8-2-19 " " J.T. 3863. 22-3-41.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 26.8 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 164.5 ft.
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK (STL).

Parts of Bottom of Vessel coated with cement or approved composition brass & side bunkers, and fresh water tank.

Particulars of composition (if fitted) and of approval Bitumastic solution in Bunkers; Bitumastic in fresh water tank.

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. 3238

Date 16th Sept. 1940

Dates of Surveys held while building

1940: Sept. 17. 20. Oct. 4. 8. 11. 17. 23. 28. 31. Nov. 7. 12. 15. 21. 27.
Dec. 3. 13. 17. 20. 1941: Jan. 3. 7. 10. 16. 21. 28. 31. Feb. 5. 7. 13.
Mar. 7. 11. 14. 31. April 9. 10. 17. 26. 28. 30. May. 3. 5. 7. 10. 12. 15. 16. 18.
May. 26. 27. 28. 29. 30. June 3. 6. 12.

Lloyd's Register
Foundation
Total No. of Visits 54.