

STEEL STEAMER or MOTORSHIP.

Received at London Office 14 MAY 1941

ADMIRALTY
CASE

State of Report has been sent on the Freeboard of the Vessel No.

State of Report is sent on the Machinery of the Vessel Yes.

Date of completion of report 2nd May 1941.

Port of Hull

No. 51198.

Survey held at Selby + Hull.

Date First Survey 9th August 1940.

Last Survey 22nd April 1941.

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

Single screw M/S AIS Trawler "COPINSAY".

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

Full scantling

State Type of Erections

Yorkecastle

TONNAGE under Tonnage Deck... 406.54

CLASS *100A - TRAWLER State if with freeboard No. "FOR GOVERNMENT SERVICE".

Built at Selby.

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

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

FEET.

Launched 2nd Decr. 1940. Yard No. 1224.

Total 406.54

Breadth (greatest moulded) B

27'6"

Builders Messrs. Lochrane & Sons Ltd.

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"

Owners The Admiralty

Register Tonnage 143.15

1st Longitudinal Number (L x D) =

✓

Managers

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

2nd Numeral L x (B + D) =

✓

Residence

London

REGISTERED DIMENSIONS. FEET.

Length 153.8

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

✓

Breadth 27.65

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

✓

Port of Registry

Depth 14.1

Do. Long Bridge to top of keel

✓

If 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		
SIDE 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 ✓		Side Girders, No. each side and thickness		
" " Extends up to	across floors } 3 1/2" flange on floors.	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	6 ✓		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " "			Bracket 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 ✓		Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " in Peaks, Angle $\frac{1}{4}$ or $\frac{1}{2}$	5 3 34 ✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No. ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	No. ✓		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	No. ✓		Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds	18 x 40 ✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	44 B.R. - 42 E.R. ✓		Uppermost Continuous Deck, amidships	5 3 40 ✓	
Middle Line Keelson, on Floors, Angles, $\frac{1}{4}$ or $\frac{1}{2}$	5 x 3 x 40 - 30 ✓		" " in way of Bridge, Angle, [or]		
" " Through Plate or Intercoastal Plate	42 - 38 ✓		Spacing	22 ✓	
" " Foundation Plate on Floors	✓		LOWER FORWARD.		
" " Flat Plate Keel Angles	3 x 3 x 44 - 40 ✓		Second Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	5 3 35 ✓	
Side Keelsons, No. each side	One ✓		Spacing	22 ✓	
" " thickness of Intercoastal Plate	✓		LOWER AFT.		
" " Angles	5 3 50 ✓		Third Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	5 3 35 ✓	
DOUBLE BOTTOM.			Spacing	22 ✓	
Solid Floors, thickness and spacing			Fourth Deck, amidships, 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		
			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	5 3 32 ✓	
			Spacing	22 ✓	

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		
" " FORWARD. in 'tween Decks, Size and Spacing.....	2 3/4" DIA - LUL ✓		Thickness of Plating abreast Deck openings) in way of Wells		
" " CROSS BUNKER ✓ in Hull " "	2 7/8" DIA. - LUL ✓		Thickness of Plating abreast Deck openings) in way of Bridge		
" " " " " "	✓		Thickness of Plating within line of openings....		
Centre Line Bulkhead.			If Sheathed, material and thickness		
Stiffeners and Spacing (FRAMES 14 TO 19)	6 3 .34 ✓ @ 22" sp. ✓ .26 ✓		Third Deck.		
Plating, thickness of			Stringer Plate, breadth and thickness.....		
STRINGERS AND DECKS.			If Plated, state thickness.....		
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	68 1/2 x .32 ✓		Stringer Plate, breadth and thickness.....		
" " " " in way of Bridge	✓		If Plated, state thickness		
" Angle in Wells	3 3 .38 ✓		Poop Deck.		
Thickness of Plating abreast Deck openings) in way of Wells32 ✓		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings....	.28 ✓		Bridge Deck.		
If Sheathed, material and thickness (F.R.S 13 to 33)	BORNEO W.W. 2 1/2 ✓		Stringer Plate, breadth and thickness.....		
LOWER Second Deck. PLATED ATHWARTSHIPS			Plating, Sheathing, material and thickness ...		
Stringer Plate, breadth and thickness in Wells...	.26 ✓		Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	.26 ✓	
			Plating, Sheathing, material and thickness26 ✓	
			" UNDER WINDLASS	.40 ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	39 1/2	.46	.42	.42		Double	3/4	6 pr. 4 pr.	Two	3/4	2 5/8	Strapped
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes ... 2	B 66	.40	.40	.40		Double	3/4	6 pr. 4 pr.	4 two	3/4	2 5/8	Lapped
BILGE PLATING, No. of Strakes	D 66	.40	.40	.40		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes	E 66	.40	.40	.36		"	"	"	"	"	"	"
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 ...	✓											
FOREC'TLE SIDE PLATING	75	.28	No. 1 PLATE	.50								

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

Deck next below

As per Rule

FORGINGS and CASTINGS.

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

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
	ON FRAME	19	40-30	6 x 3 x 44	30	✓	✓
WULFED	Upper	30	40-30	3 x 3 x 35	30	✓	✓
"	"	52	42-26	6 x 3 x 42	27	✓	✓
"	"	64	40-26	6 x 3 x 40	24	✓	✓
"	"	77	40-26	5 x 3 x 35	30	✓	✓
COLLISION	(in Hold)	5	40-26	6 x 3 x 31	24	✓	✓
AFTER PEAK	"	72	40-26	5 x 3 x 40	27	✓	✓
				3 x 3 x 35	30	✓	✓

STEEL.

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

PLATES:- Mild steel

PLATES:- Apply- Rodnigham Steel Ltd. Crisett Iron Co. Ltd. Dorman Langthorpe.
SECTIONS:- Skinning Iron Co. Ltd. Apply- Rodnigham Steel Co. Ltd. Crisett Iron Co. Ltd.

Has the Steel been tested as required by the Rules?

yes.

Domain, Lang Hotel:

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 at present under construction

This vessel is a sister vessel to the same Builders yard No 1223 - our report No. 51179.

The following reports are enclosed herewith:-

Rudder frame.	Lbs. Rpt. No. 9871.
1 Liller	Wab. - - 6214.
Rudder bearing	Lbs. - - 9871.
1 Quadrant (auxiliary) + 1 pinion	Wab. - - 6215.
Propeller post.	Lbs. - - 9871.
1 Quadrant	Wab. - - 6212.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at ship's sides; butts also E. welded.
Munox electrodes (homex) employed on this work.

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	8-3-0.	J.D.	2874.	14.5.40.
	2nd "	8-3-19.	J.D.	2987.	6.6.40.
	3rd "				

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 (Circ. 1611) Over-all Length (Circ. 1703) 164.5 ft.

No. and Material of Decks 1 DK (STL)

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

Particulars of composition (if fitted) and of approval Bitumastic solution in bunkers; Bitum 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. 3235

Date 16th Sept. 1940

Dates of Surveys held while building

1940. Aug. 9. 14. 21. 28. Sept. 3. 6. 11. 17. 20. Oct. 4. 8. 11. 17. 23. 28. 31.
Nov. 7. 12. 15. 21. 24. 27. Dec. 3. 13. 17. 20. 1941. Jan. 3. 7. 10. 16.
Jan. 21. 28. 31. Feb. 25. March. 5. 13. April 4. 7. 10. 15. 17. 19. 21. 22. 23.

Total No. of Visits 45