

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office... WED 23 1916

Date of completion of report 22/8/16 Port of Hull
Survey held at 5-Elby & Hull Date, First Survey 28-9-16 Last Survey 16-8-1916
"55 MARCONI" Rig Ketch

On the (State of Single, Twin, or Triple Screw)

TONNAGE under
Tonnage Deck... 286.41
Do. between Tonnage Dk. and 3rd and 4th Dk. 17.03
Total under Upper Dk. 1.16
Do. of Poop 5.34
Do. of R.Q.Dk. 12.41
Do. of Bridge House 322.35
Do. of Forecastle 22.24
Do. of Houses on Dk. 12.41
Do. of excess of Hatchways 287.70
Do. above Crown of Engine Room 159.62
Gross Tonnage 9.90
Less Crew Space 130.59
Less above Crown of Engine Room
TONNAGE FOR FEES...
Engine Room
Navigation Spaces

CLASS "100A1"
STEAM TRAWLER
Breadth (greatest moulded) 23.83
Depth, at middle of length from top of keel to top of upper deck beams at side 13.62
Transverse Number 37.45
Length on deck from fore part of stem to after part of stern post 136.00
Longitudinal Number 15093.20
Depth "d," at middle of length (See Secs. 2 & 13) 12.25
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 10.01
" " Long Bridge Deck Beam at side to top of keel

Master
Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel:—191
Built at Selby
When built 1916 Launched 8th Decr 1916
By whom built Cochrane Bros Ltd
Owners J. & J. Ross Ltd
Managers
(Where necessary to be entered in Reg. Book.)
Residence Hull
Port belonging to Hull

Destined Voyage Fishing If Surveyed while Building Afloat, or in Dry Dock YES

LENGTH on Deck 136 Feet. 0 Inches. BREADTH—Moulded 23 Feet. 10 1/2 Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 12 Feet. 11 1/2 Inches. No. of Decks with flat laid one
as per Rule 136 0 Moulded 23 10 1/2 Do. do. do. do. Second Dk. Beams 12 11 1/2 No. of Tiers of Beams one

Dimensions of Ship per Register, Length 136.2 breadth 24.0 depth 12.95 Moulded depth, ft. 13 ins. 7 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 1/2 ins.
Moulded depth, ft. 13 ins. 7 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.							
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.			
FRAME, Angles, or E or L Bars amidships	4 1/2	3	40	4 1/2	3	40	PILLARS, In 'tween Deck, size and spacing						
Do. in peaks	4 1/2	3	40	4 1/2	3	40	" " Hold	25/8 + 23/4	25/8 + 23/4				
Do. in way of Double Bottoms at Solid Floors...							" Quarter 'tween Dks.,	as arranged.					
" " at intermdt. Bkts.							" in Hold						
acing of Frames from centre to centre amidships	Spaced as per profile						KEELSONS & STRINGERS.						
" " length to Collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above	7 1/2	43	7 1/2	43		
" " in peaks..	2 1/2	2 1/2	25	2 1/2	2 1/2	25	" Rider Plate...						
EVERSED FRAME, Angles...	Straight across						" Flat Plate Keel Angles						
Do. in way of Double Bottoms at Solid Floors...							" Horizontal Plates on Floors						
" " at intermdt. Bkts.							" Angles or Bulb Angles	5	3	45	5	3	45
FRAMING, depth of girder	16	37	16	37			SIDE KEELSONS, Number						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships...	E. 50 B. 43	E. 50 B. 43					" Angles or Bulb Angles						
" in way of Engine and Boiler Spaces							" Plate above floors, for length...						
" thickness at the ends of vessel	37	37					" Intercoastal Plate, for length						
" depth at 1/2 the half breadth, as per Rule	Straight across						" Attached to outside Plating with Angle...	5	4	40	5	4	40
" height extended at the Bilges							BILGE KEELSON, Angle						
FLOORS in Cell Double Bottoms							" Intercoastal Plate for length						
" state if flanged (top & bottom)							" Attached to outside Plating with Angle						
" Spacing of Solid floors							SIDE STRINGERS, Number one	5	4	40	5	4	40
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							" Angle						
" Angles, Top							" Intercoastal Plate, for length						
" Bottom							" Attached to outside plating with Angle						
" to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50-30	31	50-30	31		
" Brackets at intermdt. frmng., wdth & thknss							" " " " br'dth & thickness (in way of Bridge)	3x3x	37	3x3x	37		
SIDE GIRDERS, number on each side & thickness							" " Angle (clear of Bridge)	8	37	8	37		
" state if flanged (top and bottom)							" Tie Plate at sides of Hatchways						
" Angles (top and bottom)							" Deck * Iron or Steel, for E.H.B. lng.						
" to Floors							" Thickness (clear of Bridge)		31		31		
MARGIN PLATE, depth (exclusive of flange) and thickness							" (in way of Bridge)						
" Angle to Outside Plating							" Wood Deck. Material & thickness PPINE	5x3		5x3			
" Floors							Second Deck Stringer Plate, br'dth & thickness						
" Brackets at intermdt. frmng., wdth & thknss							" Angles on ditto, No.						
" Height of Outside Brackets above at bilge							" Tie Plates outside Hatchways						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Deck * Iron or Steel, for lng.						
" in Engine and Boiler space							" Wood Deck. Material & thickness						
" Remainder in Holds							Third Deck Stringer Plate, br'dth & thickness						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	50	" Angles on ditto, No.						
" In way of Long Bridge	alternate frames						" Tie Plates, outside Hatchways						
" Spacing							" Deck * Material and thickness						
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" Spacing							" Angles on ditto, No.						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Tie Plates outside Hatchways						
" Angles on upper edge							" Deck. Material & thickness						
" Spacing							Poop Deck Stringer Plate, breadth & thickness						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Angle on ditto						
" Angles on upper edge							" Tie Plates						
" Spacing							" Deck. Material and thickness						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Bridge Deck Stringer Plate, br'dth & thickness						
" Angles on upper edge							" Angle on ditto						
" Spacing							" Tie Plates						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	30	4	3	30	" Deck. Material and thickness						
" Angles on upper edge							Forecastle Deck Stringer Plate, b'dth & th'kns						
" Spacing	27		27				" Angle on ditto						
							" Tie Plates						
							" Deck. Material and thickness STEEL		25		25		

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

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WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. Size of Face Angles to Web-Frames. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Single or Double Frames. Height up, state deck.

W.T.BULKHEADS. No. 1. No. 2. No. 3.

COLLISION PARTITION. LONGITUDINAL.

Are the outside Plates doubled two spaces of Frames in length? Are the Sluice Valves and Watertight Door in efficient working order?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. UPPER EDGES, Ordinary or Joggled? BUTTS.

THICKNESS OF STRAKE (CLEAR OF LONG BRIDGE) DO. OF STRAKE BELOW DELG. of Flat Plate Keel. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES.

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate. Butts, riveted for. Straps, single, double or overlapped for. Second Deck Stringer Plate. Butts, riveted for. Straps, single or overlapped for.

FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails.

EQUIPMENT No. LETTER. ANCHORS. TONNAGE U.S. OR PLATING No. FOR TRAWLERS.

Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent.

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

CHAIN CABLES. HAWSERS AND WARPS.

Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. State whether they are in efficient working order. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch.

Bulwarks, height above deck and description. Main Rail, material and size. No. of Breasthooks. No. of Crutches. The foregoing is a correct description. FOR COCHRANE & SONS LTD. Surveyor's Signature. Builder's Signature (here only).

Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? State results of tests. Have all the gutterways been tested as required by the Rules (Sec. 29, par. 20)? State results of tests.

General Remarks (State quality of workmanship, &c.). This Vessel has been built under Special Survey in accordance with the approved plans, the Secretary's Letters referred to and in general conformity with the Rules for the class contemplated. The materials and workmanship are sound and good.

SISTER VESSEL. S.S. MAGNETA HULL RPN 28877. S.S. KELVIN D: D: N: 28914.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. Fees applied for. Received by me. Certificate to be sent to. Date of issue.

State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With or without Freeboard, as condition of Class. Committee's Minute. Character assigned.

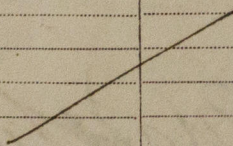
FRID. 25 AUG. 1916. 10001. S.S. Trawler. L.L. 1916-0078(212)

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 75.5 ft., Bridge ft., Forecastle 20 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated —

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 104
Official No. 139288; Signal Letters State if Machinery is fitted aft Mach aft
How are the surfaces preserved from oxidation? Inside Paint and current Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

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 capacity of double bottom			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules.

Order for Special Survey No. 2417
Date 31/12/15
No. 656 in builder's yard.

DATES of Surveys held while building

1915:—Sep 28. Oct 12. 15. 26. Nov 24. 26. Dec 6. 10. 29. 1916:—Jan 10. 19. 21.
Feb. 2. 4. 24. Jun 13. Jul 20. Aug 3. 16

Total No. of Visits 19

Surveyor's Signature

Matthew Blackwood