

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office MON JUN 29 1920

Date of completion of report  
Survey held at *Beverly & Hull*

State if Report is also sent on the Machinery of the Vessel *Yes*  
26. 6. 20 Port of *Hull*  
Date, First Survey 3. 7. 19 Last Survey

No. *31913*  
15-6-1920

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

TONNAGE under  
Tonnage Deck... *300.72*  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
under Upper Dk.

Poop *BREAK 13.55*  
Bridge House *CHART 1.89*  
Forecastle *7.84*  
Tousses on Dk. *12.15*  
Access of Hatchways to Crown of Room... *324.00*  
Engine Room *15.8.76*  
Navigation Spaces *7.88*

Net Tonnage *169.51*  
Gross Tonnage *169.51*

CLASS *100 A.1.*  
STEAM TRAWLER

Breadth (greatest moulded) *25.00*  
Depth, at middle of length from top of keel to top of upper deck beams at side *13.83*  
Transverse Number *38.83*  
Length on deck from fore part of stem to after part of stern post *140.00*  
Longitudinal Number *5436.20*  
Depth "d," at middle of length (See Secs. 2 & 13) *12.41*  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *10.12*  
Long Bridge Deck Beam at side to top of keel

Master  
Year of appointment  
Built at *Beverly*  
When built *1920* Launched *20.2.20*  
By whom built *Cook, Weller & Gummel Ltd*  
Owners *The Fishing Co. Island Ltd*  
Managers  
Residence *Kykjavik*  
Port belonging to *Kykjavik*

Destined Voyage *Iceland* If Surveyed while Building Afloat, or in Dry Dock *Yes*

Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
140	0	25	0	140	0	25	0	one	one
Moulded depth, ft. 13 ins. 10 To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.									

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
NAME, Angles, or E or L Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	4 1/2	3	9/20	" Hold	3' 6"	as arranged		" Rider Plate	8 1/2	5	8 1/2
Do. in way of Double Bottoms at Solid Floors	4 1/2	3	9/20	" Quarter 'tween Dks.,				" Flat Plate Keel Angles			
" at intermdt. Bkts.				" in Hold				" Horizontal Plates on Floors	5	3	5
acing of Frames from centre to centre amidships								" Angles or Bulb Angles	5	3	5
" " length to Collision bulkhead								" Intercoastal Plate, for			
" " in peaks								" Attached to outside Plating with Angle	5	4	8/20
EVERSED FRAME, Angles	3	3	6/16					" BILGE KEELSON, Angle	5	4	8/20
Do. in way of Double Bottoms at Solid Floors								" Intercoastal Plate for			
" at intermdt. Bkts.								" Attached to outside Plating with Angle	5	4	8/20
RAMING, depth of girder								" SIDE STRINGERS, Number ONE	5	4	8/20
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	17	6/16	17					" Angle	5	4	8/20
" in way of Engine and Boiler Spaces		7/16						" Intercoastal Plate, for			
" thickness at the ends of vessel		6/16						" Attached to outside plating with Angle			
" depth at 1/2 the half breadth, as per Rule											
" height extended at the Bilges											
LOORS in Cell. Double Bottoms											
" state if flanged (top & bottom)											
" Spacing of Solid floors	28	6/16	28								
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	3	3	6/16								
" Angles, Top	3	3	6/16								
" Bottom	3	3	6/16								
" to Floors											
Brackets at intermdt. frmg., wdth & thcknss		6/16									
SIDE GIRDERS, number on each side & thickness	TWO	6/16									
" state if flanged (top and bottom)	NO										
" Angles (top and bottom)	2 1/2	2 1/2	5/16								
" to Floors											
MARGIN PLATE, depth (exclusive of flange) and thickness											
" Angle to Outside Plating											
" Floors											
Brackets at intermdt. frmg., wdth & thcknss											
Height of Outside Brackets above at bilge											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake											
" in Engine and Boiler space											
" Remainder in Holds											
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	3	1/20								
" In way of Long Bridge											
" Spacing											
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel											
" Spacing											
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 1/2	3	3/8								
" Angles on upper edge											
" Spacing											



WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Ap- proved.	Inches per Rule. Or as Approved.
<b>WEB-FRAMES, In Fore Body,</b> No. and spacing					
" " " brdth. & thickness					
" " " No. of Side Stringers " "					
<b>WEB-FRAMES, In E. &amp; B. Space,</b> No. & spacing					
" " " brdth. & thickness					
<b>WEB-FRAMES, In After Body,</b> No. and spacing					
" " " brdth. & thickness					
" " " No. of Side Stringers " "					
" " " Size of Face Angles to Web-Frames.....					
<b>BRACKET PLATES to Stringers between)</b>					
<b>Web Frames, depth and thickness.....)</b>					

  

BULKHEADS.		Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
Vessel.	Per Rule.	Inches.	Horizontal.	Vertical.	Size.	Spacing.	Size.	Spacing.	
<b>W.T. BULKHEADS</b>	4	3							
" "	Nº 4	30	WT. FLAT	4x34x30	24	SINGLE	WT. FLAT	D°	DECK
" "	Nº 3	40	30	5x22x31	30	D°	5x22x31	24	D°
" "	Nº 2	30	30	5x22x31	24	D°	5x22x31	24	D°
" "	Nº 1	30	30	5x22x31	24	D°	5x22x31	24	D°

  

Are the outside Plates doubled two spaces of Frames in length? *Approved by Rules*

Are the Staircase Valves and Watertight Doors in efficient working order? *Yes*

  

FORGINGS or CASTINGS.				Inches in Ship.	Inches per Rule, Or as Approved.
<b>KEEL, Bar, depth and thickness</b> <i>BULB</i>				<i>7½ x 15/8</i>	<i>7½ x 15/8</i>
<b>STEM, moulding and thickness</b> <i>D°</i>				<i>7½ x 15/8</i>	<i>7½ x 15/8</i>
<b>STERN-POST for Rudder do. do.</b>				<i>6 x 3½</i>	<i>6 x 3½</i>
" " " for Propeller <i>10/12 KNOTS</i>				<i>73</i>	<i>4¾</i>
<b>RUDDER—A x D*</b> Table 22. Speed				<i>4¾</i>	<i>4¾</i>
" Main-Piece, diameter at head				<i>3½ x 3</i>	<i>3½ x 3</i>
" " " at heel					

  

**RUDDER, how constructed** *Forged Scrap Iron*

Thickness of Plates or Single Plate *.28*

Can the Rudder be unshipped afloat? *Yes*

  

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? *Open hearth.*

Cargo Ship, South Durham

Has the Steel been tested as required by the Rules? *Yes*

  

PLATING.						RIVETING.											
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		UPPER EDGES Ordinary or joggled?						BUTTS.				
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.
FLAT PLATE KEEL.....	32	8/16	8/16	8/16	32	8/16	D.R.	4½	3/4	5	T.R. ½ L	3/4	25/8	14½	11/8	FULL	
GARBOARD OR A Strake		6/16	6/16	6/16		6/16											
B "IN"		7/16	6/16	6/16		7/16											
C OUT		6/16	6/16	6/16		6/16											
D "IN"		7/16	6/16	6/16		7/16											
E OUT		6/16	6/16	6/16		6/16											
F "IN"		10/16	7/16	7/16		10/16											
G SHEER	43				43												
H "																	
J "																	
K "																	
L "																	
M "																	
N "																	
O "																	
P "																	



EQUIPMENT No.		LETTER			ANCHORS.			TONNAGE U. BK. 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.				
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.						
32367	1st Bower ...	8	3	12	STOCKLESS			11	0	✓	0	8	3	0	✓	STOCKLESS	James Lloyd & Co. CH. 9.9.19	Brues		
32368	2nd " ...	8	2	6	D <sup>2</sup>			10	12	✓	2	0	8	2	0	✓	D <sup>2</sup>	CH. 9.9.19	D <sup>2</sup>	
32369	3rd " ...	3	3	2	0 3 22			6	3	✓	0	14	3	2	0	✓	ORDINARY	D <sup>2</sup>	CH. 28.8.19	Paul
	4th " ...																			
	Collective weight.	21	0	20								20	2	0						
	Stream .....																			
	Kedge.....																			

If Patent state Name of Patentee

If Stockless state Mechanical Tests

Description of Anchor	Makers.	Where and when tested and Superintendent.
STOCKLESS	James Lloyd & Co. H. 9. 9. 19	Brues
02	02	CH. 9. 9. 19 02
ORDINARY	02	CH. 28. 8. 19 Paul

If Patent state Name of Patentee

If Stockless state Mechanical Tests.

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

1st Bower	
2nd "	forged.
3rd "	
4th "	

CHAIN CABLES.				HAWSERS AND WARPS.			
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.	Description.
	Length.	Diam.		Supplied.	Per Rule.		
	Fathoms.	Ins.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.
27832	90	1 1/8	22 1/2	54 1/8	59.0.8	116.2.5	180 1 1/8
27833	90	1 1/8	22 1/2	54 1/8	58.0.22		
Iron Stream Chain or Steel Wire					117.1.6		

**Boats** *Two* **Steering Gear, Steam** *James Lloyd & Co.* **Steering Gear, Hand** *James Lloyd & Co.*

**Pumps, Number** *6* **Diameter of Barrel** *6"* **State whether they are in efficient working order** *Yes*

**Windlass is** *Steam James Lloyd & Co.* **Capstan** *✓*

**Engine Room Skylights.**—How constructed? *Steel plates & angles* **What arrangements for deadlights in bad weather?** *Strong flaps & bulwarks*

**Coal Bunker Openings.**—How constructed? *C.I. discs* **How are lids secured?** *locked* **Height above deck?** *flush*

**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** *7 Scuppers and 5 ports 18" x 9" & 20 27" x 9" ea side*

**Ceiling in Holds,** thickness and material *Seventies, Steel plates & angles* **Cargo Battens,** thickness and material *✓*

**Cargo Hatchways.**—How formed? *Seventies, Steel plates & angles* **Hatches, If strong and efficient?** *Yes*

**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 *48" x 39" x 5/16 Steel* **No. of Breasthooks** *3* **No. of Crutches** *deep floors*

**The foregoing is a correct description.** *COOK, WELTON & GEMMELL, LTD.* **Main Rail, material and size** *6 1/2 x 3 1/2 x 7/8 R.R. & 3 x 1 1/2 Solid & Round.*

**Builder's Signature** (here only) *W. Patterson* **DIRECTOR.** **Surveyor's Signature** *Matthew Blackwood* **Surveyor to Lloyd's Register of Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *Secretary's letters 17.2.19, 19.5.19, E 12.9.19*

**Workmanship:** Are the butts of plating planed or otherwise fitted? *Planed*

**Is the riveted work properly closed?** *Yes*

**Are the liners between the frames and plates solid single pieces?** *Yes* **Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?** *Yes*

**Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?** *Yes* **Do any rivets break into or through the seams or butts of the plating?** *a few*

**Are the butts of Plating, Stringers, &c., properly shifted and strapped?** *Yes*

**Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?** *✓* **State results of tests** *Trawler*

**Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?** *✓* **State results of tests** *Trawler*

**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 above, and in general conformity with the Rules of this Society. The materials and workmanship are good throughout*

**SISTER VESSEL** *S.S. 'APRIL' HULL REPT NO. 31822*

*approved plans are in London Office.*

**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** ..... £ *2* : 0 : 0 **Fees applied for,** *25/6/1920*

**Special Survey Fee** .... £ *16* : 16 : 0 **Received by me,** *13/6/1920*

**Travelling Expenses, if any** £ : *6* : 4

**State whether the Vessel has been built under Special Survey** *Yes*

**I am of opinion this Vessel should be Classed** *100A1. STEAM TRAWLER*

**With, or without Freeboard, as condition of Class** *Without*

**Signature** *Matthew Blackwood* **Surveyor to Lloyd's Register of Shipping.**

**Committee's Minute** *FRI. JUL. 21 1920*

**Character assigned** *100A1*

*Steam Trawler*

*Lloyd's A.R.C.P. + L.M.C 5.30*

The Surveyors are requested not to write on or below the Committee's Minute.



PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 75.5 ft., Bridge ☒ ft., Forecastle ☒ 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 in the Register Book) 104 ✓

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_

State if Machinery is fitted aft mach aft.

How are the surfaces preserved from oxidation? Inside Paint & Cement.

Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors 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,		
			(If necessary, furnish further information by sketch.)		
			State whether the above have been tested as required by the Rules <u>Yes</u> ✓		

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

Order for Special Survey No. ✓

Date ✓

No. 423 in builder's yard.

DATES of Surveys held while building

1919:—Jul 3. 7. 24. 30. Sep 23. Oct 1. 17. 21. 30 Nov 5. Dec 3.  
1920:—May 28. 29. Jun 7. 15

Surveyor's Signature

Matthew Blackwood

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Total No. of Visits

Lloyd's Register Foundation