Rpt. 1.

STEEL STEAMER ~~or MOTORSHIP~~.

Received at London Office 16 JUL 1931

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 7th July 1931. Port of HULL. No. 142012.

Survey held at BEVERLEY AND HULL. Date First Survey April 13th 1931 Last Survey 6th July 1931.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW KETCH "EUCLASE"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) STEAM TRAWLER State Type of Erections QUARTER DECK AND WHALEBACK.

TONNAGE under Tonnage Deck	266·93
Do. of space or spaces between Tonnage Dk. and Upper Dk.	-
Total	266·93
Gross Tonnage	294·96
Register Tonnage	130·73

CLASS ~~⊠~~ 100 A.1. STEAM TRAWLER

State if with freeboard as condition of Class: No

	FEET.	
Length *from fore part of stem to after part of stern post ~~on summer L.W.L. See Sec. 3 (1a)~~*	L	128·5
Breadth *(greatest moulded)*	B	23·87
Depth, *at middle of length from top of keel to top of beam at side of uppermost continuous deck. ~~See Sec. 3 (1c)~~*	D	13·75
1st Longitudinal Number (L × D)	=	1767
2nd Numeral L × (B + D)	=	4834
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		✓
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		9·35
Do. Long Bridge to top of keel		✓
Draught Moulded		✓

REGISTERED DIMENSIONS.

	FEET.
Length	129·0
Breadth	24·0
Depth	12·95

Built at BEVERLEY.

Launched 30TH MAY 1931. Yard No. 565

Builders COOK, WELTON & GEMMELL LTD

Owners KINGSTON STEAM TRAWLING Co. LTD

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

Residence HULL

Port of Registry HULL.

If surveyed while building, afloat, or in dry dock BUILDING AND AFLOAT.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	19½	To	21"	✓
„ „ from ¼ length to Collision bulkhead		18		✓
„ „ in peaks	18	AND	20"	✓
SIDE FRAMING.				
Frame Amidships, Angle, ~~⊏~~	4½	3	·40	✓
„ „ Extends up to	DECK.			✓
Reversed Frame Amidships, Angle	3	3	·36	✓
„ „ Extends up to	ACROSS FLOORS WHERE NO CONCRETE IS FITTED			✓
~~**Depth of Framing Girder**~~				
Frames in Uppermost Continuous 'tween Decks, Angle, ⊏ or ⊏				
„ „ **Second 'tween Decks,** Angle, ⊏ or ⊏				
„ „ **Third** „ „ „ „				
Framing in Peaks, Angle ~~or ⊏~~	4½	3	·40	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾"		5¼"	✓
State if Frame Joggled	No			✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER ANGLE AND BEAMS CLOSER FRAME SPACING AND RIVETING.			✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars				✓
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	17		·36	✓
Height of Brackets at side above base line at toe of frame	FLAT TOPPED			✓
Middle Line Keelson, on Floors, ~~Angles~~, 2 ~~⊏~~ or ⊏	7	3½	·40	✓
„ „ „ Through Plate or Intercostal Plate				
„ „ „ Foundation Plate on Floors				
„ „ „ Flat Plate Keel Angles				
Side Keelsons, No. each side ONE.	5	4	·42	✓
„ „ thickness of Intercostal Plate	NONE.			
„ „ Angles 1 SIDE STRINGER	5	4	8/20	✓
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing				
„ „ Are Frame and Reversed Frame joggled ?				
Bracket Floors, breadth and thickness at middle line				
„ „ breadth and thickness at margin plate				

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame				
„ „ Reversed Frame				
„ „ Vertical Struts				
Centre Girder, depth and thickness amidships				
„ „ top Angles				
„ „ bottom Angles				
Side Girders, No. each side and thickness				
Margin Plate depth (excl. of flange) and thickness				
„ „ Vertical Angle to Tank side Bracket abaft ¼ len. from stem				
„ „ Vertical Angle to Tank side Bracket forward ¼ len. from stem				
„ „ Gussets, spacing and scantling abaft ¼ len. from stem				
„ „ Gussets, spacing and scantling forward ¼ len. from stem				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake				
Thickness of remainder in Holds				
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 ?				
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, ~~⊏ or~~	6	3	3/8"	✓
„ „ in way of Bridge, Angle, ⊏ or ⊏		✓		
Spacing	ALTERNATE FRAMES			✓
Second Deck, amidships, Angle, ⊏ or ⊏				
Spacing				
Third Deck, amidships, Angle, ⊏ or ⊏				
Spacing				
Fourth Deck, amidships, Angle, ⊏ or ⊏				
Spacing				
Poop Deck, Angle, ⊏ or ⊏				
Spacing				
Bridge Deck, Angle, ⊏ or ⊏				
Spacing				
Forecastle Deck, Angle, ~~⊏ or~~ WHALEBACK	4	3	·38	✓
Spacing		30"		✓

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PILLARS AND DECKS.

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	1	
" in 'tween Decks, Size and Spacing		
" " " " "		
" in Holds " "	3" Dia.	
" " " " "		
Centre Line Bulkhead. Stiffeners and Spacing		
Plating, thickness of		
STRINGERS AND DECKS. **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness in Wells	27 x .36	
" " " " in way of Bridge	~	
" Angle in Wells	3 3 .36	
Thickness of Plating abreast Deck openings in way of Wells (TIE.)	10 x .36	
Thickness of Plating abreast Deck openings in way of ~~Bridge~~ E.R.	.30	
Thickness of Plating within line of openings	.30 ~ 7/16	
If Sheathed, material and thickness	3" Pitch Pine	
Second Deck. Stringer Plate, breadth and thickness in Wells	~	

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
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		
WHALEBACK. ~~Forecastle~~ **Deck.** Stringer Plate, breadth and thickness	.31	
Plating, ~~Sheathing~~, material and thickness	.31	

SHELL PLATING.

SCANTLINGS.

STRAKES.	AS IN VESSEL. Amidships. Breadth.	Amidships. Thickness.	Forward. Thickness.	Aft. Thickness.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	Inches.	Inches.	Inches.	Inches.	
A ~~Flat~~ Plate Keel	32	7/16	7/16	7/16	
B " ~~Dble.~~ (~~if any~~)	50	6/16	6/16	6/16	
C Bottom Plating, No. of Strakes 7	48	6/16	6/16	6/16	
D Bilge Plating, No. of Strakes 7	47	6/16	6/16	6/16	
E Side Plating, No. of Strakes 7	42	7/16	6/16	6/16	
F ~~Upper Deck~~, Sheer-strake ~~in Wells~~ 7	50	6/16	6/16	6/16	
G Upper Deck, Sheer-strake ~~in Bridge~~	42	10/20	8/20	8/20	
Strake below Sheer-strake in Wells					
Strake below Sheer-strake in Bridge					
Poop Side Plating					
Bridge Side Plating					
Whaleback ~~Forecastle~~ Side Plating			.31		

RIVETING.

	EDGES. State if jogged? NO. Single or Double.	Rivets. Diam.	Rivets. Spacing cr. to cr.	BUTTS. No. of Rows of Rivets.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Strapped or Lapped.
		Inches.	Inches.		Inches.	Inches.	
A ~~Flat~~ Plate Keel	Double	3/4	3"	Double	3/4	2 5/8	Straps
B " ~~Dble.~~ (~~if any~~)	"	-	"	"	-	"	Laps
C Bottom Plating, No. of Strakes 7	"	-	"	"	-	"	"
D Bilge Plating, No. of Strakes 7	"	-	"	"	-	"	Straps
E Side Plating, No. of Strakes 7	"	-	"	"	-	"	Laps
F ~~Upper Deck~~, Sheer-strake ~~in Wells~~ 7	"	-	"	"	-	"	"
G Upper Deck, Sheer-strake ~~in Bridge~~	"	-	"	"	-	"	Straps
Strake below Sheer-strake in Wells							
Strake below Sheer-strake in Bridge							
Poop Side Plating							
Bridge Side Plating							
Whaleback ~~Forecastle~~ Side Plating							

5 Rivets per frame space

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 *c*) 4

" Deck next below ~

As per Rule 3

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Vertical. Spacing.	Horizontal. Scantlings.	Horizontal. Spacing.
				B.H.	
MIDSHIP BULKH'D, Upper tween decks	.40-.28	6x3x.32	30"	3x3x3/8	48"
" " Second "					
" " Third "					
" " Holds					
COLLISION " (in Hold)	.36-.30	5x3x3/8	24"	~	~
AFTER PEAK " "	.26-.38	5x3x.36	24"	~	~

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Rolled	8x2	Frodingham Steel Co.	
STEM	"	8x2"		
STERN FRAME Propeller Post	Forged	6x3	Emmerson Walker Dunston-on-Tyne	
STERN FRAME Rudder "	"	6x3		
RUDDER—A×D	39.36 x 1.926 = 75.8			
Speed of Vessel Under 10 Knots				
RUDDER mainpiece at head	Forged	5"	Emmerson Walker Dunston-on-Tyne	
" " heel	"	3½x3		
" how constructed	Stock, Bow and Arms in One Piece.			
" double ~~or single~~ plate		.28		
" coupling, vertical or horizontal	None			

STEEL.

Manufacturer's Name or ~~Trade~~ Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth Process.

Consett Iron Co and Frodingham Steel Co

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

EQUIPMENT No. 4834 LETTER M. ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
64730	1st Bower	8	2	0	None			10	12	2	0	7½	Taylors Drednought	Samuel Taylor.	Tipton 27-4-31 W.A. Drysdale
64733	2nd "	7	2	19	None			9	15	3	21	7	" "	" "	" " "
~	~~3rd~~ "	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	Collective weight.	16	0	19								14½			
64736	Stream	3	1	19	3	18		5	16	2	7	3	Rodgers Iron Stock	" "	" 28-4-31 "

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Length supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. cwts. qrs. lbs.	Per Rule. cwts.	Length and Size per Table 53. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
67380	120⅔	1⅛	22¾	34⅛	78-1-6	77¾	120	1⅛	Stud Link	Name Not Given	W.A. Drysdale Tipton 30-8-31.
		Cir.						Cir.			
Iron Stream Chain or Steel Wire		~						~			

Material.	Hawsers & Warps. Length. Fathoms.	Size. Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length per Table 53. Fathoms.	Size per Table 53. Cir. Ins.
Towline	~	~	~	~	~
Hawsers & Warps	60	4"	-	60	5½
"	60	4"	7	60	5
"	~	~	Combination Wire Ropes ~	~	~
"	2 of 25 F.	2½	Steel Wire.		

Steering Gear, Steam By Gemmell & Frow. Hull. **Steering Gear, Hand** Tiller.

Boats 1 Wood Cutter. **Steering Chains,** Size and Test ¾" Dia. Test 6¾ Tons. Test Certificate No 31410 Cradley Hearth. **Windlass** Combined Hand & Steam. By Gemmell & Frow. Hull.

Ceiling in Holds, thickness and material Concrete and 2½" Pitch Pine. **Cargo Battens,** thickness, material and spacing 2" Redwood close lined.

Cargo Hatchways.—(Upper Deck) Steel Plate Coamings **Thickness of Hatches** 3"

Size of **No. 1 Hatchway** (Forward) 2·9 x 3·1 **No. 2** 3·6 x 3·1 **No. 3** 3·6 x 3·1 **No. 4** 3·4 x 3·1 **No. 5** ~ **No. 6** ~

Number of **Shifting Beams** and/or **Fore** and **Afters** None.

Builder's Signature Cook, Welton & Gemmell, Ltd. Alfred Holt Secretary & Director.

GENERAL DECLARATION. *It should be stated (a) whether the vessel 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.*

This trawler has been built in accordance with the approved plans and Society's Rules.
The workmanship and materials appear to be satisfactory.
The approved plans are:—Midship section, profile and deck plan, stem frame and rudder, and pumping arrangement.
This vessel is a sister ship to the trawler "SIBERITE" Hull Report No 42000
The vessel has been supplied with two 60 fathoms combination wire ropes 4" Circ instead of the 5½" and 5 manilla ropes (as desired by Owners)

The amount of Entry Fee ..... £ 3 : 0 : 0 Fees applied for, 15.4.1931

Special Survey Fee .... £ 29 : 10 : 0 Received by me, 17 8 1931

Travelling Expenses, if any £ : 5 : 5

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

H+M Certificate ~~to be~~ sent to Hull Date of issue 12/8/31

I am of opinion the Vessel should be Classed ✠ 100 A1. Steam Trawler.

Signature W. B. Engledow Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 21 JUL 1931

Character assigned + 100A1 Steam Trawler

RW + S.Mrc. 7.31

Lloyd's A+CP. C.L.

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

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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.*)

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

1st Bower ✓

2nd ,, ✓

3rd ,, ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 72 ft., Bridge ✓ ft., ~~Forecastle~~ Whaleback. 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 (*this information is to be given as it should appear in the Register Book*) 1D.E

Official No. ✓ ; Signal Letters ✓ Is bottom of Vessel coated with cement YES if not give particulars of composition BITUMASTIC ABOVE BOTTOM CEMENT.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total capacity of double bottom		

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,		
After peak tank,		
Deep tank, aft,		
Deep tank, forward,		
Other tanks, if fitted,		
(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 2994

Date 21.3.31

Dates of Surveys held while building: 1931:- Apr. 13. 22. 24. May 4. 11. 12. 18. 21. 28. June 16. 22. 24. 26. 29 July 4. 6.

Total No. of Visits 16

For Cert. see Liberia Sister Vessel No. 42000

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