Rpt. 1.

STEEL STEAMER ~~or MOTORSHIP~~.

Received at London Office 11 MAY 1935

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 8th May 1935. Port of HULL No. 45462.

Survey held at BEVERLEY AND HULL. Date First Survey 20th November 1934 Last Survey 8th May. 1935

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) STEAM TRAWLER State Type of Erections ~~Poop~~ Bridge Deck and Wheelhouse

TONNAGE under Tonnage Deck 393·83

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

Total 393·83

Gross Tonnage 447·94

Register Tonnage 173·77

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	160·0
Breadth *(greatest moulded)*	B	26·5
Depth, *at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)*	D	15·25
1st Longitudinal Number (L × D)	=	2440·0
2nd Numeral L × (B + D)	=	6680·0
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		✓
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		10·49
Do. Long Bridge to top of keel		✓
Draught Moulded		✓

REGISTERED DIMENSIONS.

	FEET.
Length	160·6
Breadth	26·65
Depth	14·35

Built at BEVERLEY.

Launched 9th MARCH 1935 *Yard No.* 602.

Builders COOK WELTON & GEMMELL LTD

Owners KINGSTON STEAM TRAWLING CO. LTD

Managers ✓

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

Residence ST. ANDREWS DOCK, 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	16	To	21	✓
„ „ from ½ length to Collision bulkhead		16		✓
„ „ in peaks	20	AND	16	✓
SIDE FRAMING.				
Frame Amidships, ~~Angle~~, ~~T~~ ~~or~~ [	5	3	·38	✓
„ „ Extends up to	DECK.			✓
Reversed Frame Amidships, Angle	3	3	·38	✓
„ „ Extends up to	WHERE NO			✓
~~**Depth of Framing Girder**~~ CONCRETE	IS	FITTED		✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [				
„ „ **Second 'tween Decks,** Angle, [or [				
„ „ **Third** „ „ „ „				
Framing in Peaks, ~~Angle or~~ [	5	3	·38	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4		5¼	✓
State if Frame Joggled	NO			✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS. CLOSER FRAME SPACING AND RIVETING.			✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars				
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	19	×	·40	✓
Height of Brackets at side above base line at toe of frame	FLAT TOPPED			✓
Middle Line Keelson, on Floors, ~~Angles~~, ~~T~~ ~~or~~ [2	8	3½	·46	✓
„ „ „ Through Plate or Intercostal Plate				
„ „ „ Foundation Plate on Floors				
„ „ „ Flat Plate Keel Angles				
Side Keelsons, No. each side ONE.	5	4	·46	✓
„ „ thickness of Intercostal Plate	NONE.			✓
„ „ Angles 1 SIDE STRINGER	5	4	·40	✓
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~~, ~~T~~ ~~or~~ [	6	3	·40	✓
„ „ 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				
WHALEBACK ~~Forecastle~~ **Deck,** Angle, ~~T~~ ~~or~~ ~~T~~	4½	3	·40	✓
Spacing	30"			✓

© 2020 Lloyd's Register Foundation

PILLARS AND DECKS.

	Inches in Ship.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows ONE		✓
" in 'tween Decks, Size and Spacing		
" " " " "		
" in Holds " "	3" Diam.	✓
" " " " "	✓	
Centre Line Bulkhead. Stiffeners and Spacing		
Plating, thickness of		
STRINGERS AND DECKS. **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness in Wells	34" × ·38	✓
" " " " in way of Bridge	✓	
" Angle in Wells	3 3 ·38	✓
Thickness of Plating abreast Deck openings in way of Wells (TIE)	11" × ·38	✓
Thickness of Plating abreast Deck openings in way of ~~Bridge~~ E.R.	·38	✓
Thickness of Plating within line of openings	·44 – ·31	✓
If Sheathed, material and thickness	3" Pitch Pine.	✓
Second Deck. OAK WATERWAY	15" × 3"	
Stringer Plate, breadth and thickness in Wells	✓	
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.	
~~Flat Plate Keel~~ GAR A	32	·50	·50	·50	✓
" ~~Dble. (if any)~~ B	56	·40	·50	·38	
Bottom Plating, No. of Strakes C	56	·43	·50	·38	
Bilge Plating, No. of Strakes D	54	·40	·40	·38	
Side Plating, No. of Strakes E	57	·43	·38	·38	
~~Upper Deck, Sheer strake in Wells~~ F	57	·40	·38	·38	
Upper Deck, Sheer strake ~~in Bridge~~ G	42	·625	·44	·44	
~~Square below Sheer-strake in Wells~~					
~~Square below Sheer-strake in Bridge~~					
~~Poop Side Plating~~					
~~Bridge Side Plating~~					
WHALEBACK ~~Forecastle~~ Side Plating		·31			

RIVETING.

EDGES. State if joggled? No. Single or Double.	Rivets. Diam. (Inches.)	Rivets. Spacing cr. to cr. (Inches.)	BUTTS. No. of Rows of Rivets.	Rivets. Diam. (Inches.)	Rivets. Spacing cr. to cr. (Inches.)	Strapped or Lapped.
Double	3/4	3"	2 Rows	3/4	2 5/8"	Straps
"	"	"	3 ·	·	·	Laps
"	·	·	3 ·	·	·	·
"	·	·	3 ·	·	·	Straps
"	·	·	3 ·	·	·	Laps
"	·	·	3 ·	·	·	"
"	"	"	3 ·	·	·	Straps

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.	Stiffeners. Vertical. Spacing.	Stiffeners. Horizontal. Scantlings.	Stiffeners. Horizontal. Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "		B.A.			
" " Holds	·44-·30	6 × 3 × ·34	30	✓	✓
COLLISION " (in Hold)	·40-·30	T.B.A. 6 × 3 × ·34	24	✓	✓
AFTER PEAK " "	·44-·38	6 × 3 × ·36	24	✓	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Rolled	8 × 2	Frodingham Steel Co.	
STEM	·	·	·	·
STERN FRAME Propeller Post	Forged	6 × 3 3/4	T. S. Forster & Son Sunderland.	
STERN FRAME Rudder "	·	·		
RUDDER—A × D	Oertz Patent Rudder.			
Speed of Vessel 11 3/4 Knots				
RUDDER mainpiece at head	Forged	6 1/2" Diam	T. S. Forster & Son Sunderland.	
" " heel	"	–		
" how constructed	of Plates and Angles as per Approved Plan.			
" double ~~or single~~ plate		·40	Side Plates	
" coupling, ~~vertical or~~ horizontal	Horizontal.			

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, South Durham S. I. Co, Dorman Long Co, Swinnygrove Iron Co, Appleby Steel Co, Frodingham Steel Co.

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

EQUIPMENT No. 6680·0 LETTER t. 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.
48285	1st Bower	9	3	7	None			11	19	3	7	9 3/4	Halls Type Stockless	Name not given	Cradley Heath 26-2-35 S.C. Paul
48286	2nd "	9	1	8	None			11	9	0	7	9 1/4	· · ·	· · ·	· · ·
–	3rd "	–			–			–				✓	–		
	Collective weight.	19	0	15	–			–				19·0			
48287	Stream	3	3	0	3	24		6	3	0	14	3 3/4	Ordinary Forged Wrought Iron Anchor	· · ·	· 28-2-35 S.C. Paul

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Length and size 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.
50842	135	1 3/16	25 3/8	38	104-0-21	97 3/4	135	1 3/16	Stud Link.	Jones & Lloyd Ltd	Cradley Heath 28-2-35 S.C. Paul.
~~Iron Stream Chain or Steel Wire~~	–	–	–	–	–	–	–	–	–	–	–

Material	Length and Size supplied. Length. Fathoms.	Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms.	Cir. Ins.
Towline	–	–	–	–	–
Hawsers & Warps	60	4"	–	60	6"
"	60	4"	–	60	5 1/2"
"	Combination Wire Ropes.				

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

Boats 2 Wood Cutters **Steering Chains,** Size and Test 15/16" Dia. and 10 1/2 Tons Test. **Windlass** By Gemmell & Fron, Hull.

Ceiling in Holds, thickness and material 3" Oak and 2 1/2" Pitch Pine. **Cargo Battens,** thickness, material and spacing After Fish Room Insulated With 2" Slab Cork. Middle & Forward Fish Rooms Close Lined With 9" & 2" Pitch Pine

Cargo Hatchways.—(Upper Deck) Steel Plates and Angles. **Thickness of Hatches** 3"

Size of **No. 1 Hatchway** (Forward) 2·5 × 4·0 To Store. **No. 2** 4·0 × 4·0 **No. 3** 5·6 × 4·0 **No. 4** 4·6 × 4·0 **No. 5** 5·6 × 4·0 **No. 6** ✓

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

Builder's Signature COOK, WELTON & GEMMELL, LTD. Spiers 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 Rules. The workmanship and materials appear to be satisfactory. The fore and after peaks, the watertight flat aft, the cod line under space in engine room, decks and gutterways, casings and hand pumps have been tested. The vessel is fitted with a counter stern and Oertz rudder.

The approved plans are:- Midship section, profile and deck, stem, frame and rudder, cod line under space in engine room and pumping arrangements.

The vessel has been supplied with two 60 fathoms of 4" circum. combination wire ropes instead of the 6" and 5 1/2" hemp ropes (As desired by the Owners).

This vessel is a sister ship to the Trawler "Kingston Chrysolite" Hull F.E. Report No 45543.

The amount of Entry Fee ..... £ 3·0·0 Fees applied for, 26 APR 1935 aftr

Special Survey Fee .... £ 44·16·0 Received by me, 27 APR 1935

Travelling Expenses, if any £ 5·11

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

Certificate to be sent to Hull. Date of issue 3/6/35

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

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

Committee's Minute TUE. 14 MAY 1935

Character assigned +100A1 Steam Trawler

Lloyd's arch. +Lmb. 5.35

Write &c

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

© 2020 Lloyd's Register Foundation

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 86·45 ft., Bridge ~ ft., ~~Forecastle~~ Within Bridge 29·0 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*) 1 D^k ✓

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. 3058

Date 17th NOVEMBER 1934.

Dates of Surveys held while building

1934:- Nov. 20. 26 Dec. 3. 5. 7. 12. 17. 19. 21. 24.

1935:- Jan. 2. 4. 7. 15. 17. 18. 22 25. 29. Feb. 5. 6. 11. 13. 18. 19. 21. 26. 28.

Mar. 5. 7. 11. 13. 18. 22. 25. 27. Apr. 2. 9. 12 15. 24. 30. May 2. 8.

Total No. of Visits 44.

for £3.0.0 re Hull Regn No. 145343 Kingston Olympic

© 2020 Lloyd's Register Foundation