

STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

24/4/43

Port of Hull

No.

52002

Survey held at

Beverly & Hull

Date First Survey

18th September '42

Last Survey

16th April

1943

On the

(State if Machinery fitted with Single, Twin or Triple Screw)

Steel Screw 1/5 Steam Trunk "Coldstreamer"

State Type

(Full scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

Painted Quarter Deck & White Black

TONNAGE under Tonnage Deck

498.62

CLASS

+100A, Steamer

State if with freeboard as condition of Class

No

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

Total

498.62

Gross Tonnage

579.79

Net Tonnage

181.53

REGISTERED DIMENSIONS.

FEET

Length

178.15

Breadth

30.05

Depth

15.2

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

L 175'-0"

Breadth (greatest moulded)

B 30'-0"

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 16'-0"

1st Longitudinal Number (L x D)

2800

2nd Numeral L x (B + D)

8050

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

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

Do. Long Bridge to top of keel

Draught Moulded

Built at

Beverly

Launched

10/12/42

Yard No. 706

Builders

Cook, Welton & Gemmell Ltd.

Owners

The Admiralty

Managers

Residence London

Port of Registry

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.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	21"		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	17"		" " Reversed Frame		
" " in peaks	R.P. 17" A.P. 20"		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle	5 1/2" x 3" x 38" BA		" " top Angles		
" " Extends up to	Deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3" x 3" x 38" BA		Side Girders, No. each side and thickness		
" " Extends up to	Across Floors		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 1/2"		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " in Peaks, Angle [or]	5 1/2" x 3" x 38" BA		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" - 5/8"		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 as approved?	Lower Deck Stringer and Beams, Bilge Keelson. Yes.		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and as approved?	Closer frame spacing and riveting. Yes.		Thickness of remainder in Holds		
DOUBLE 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	19" x 40"		BEAMS.		
Height of Brackets at side above base line at toe of frame	None		Uppermost Continuous Deck, amidships		
Middle Line Keelson, on Floors, Angle	15" x 4" x 4" x 36" 47 LBS CHANNEL		" " " " " "		
" " Through Plate or Inter-costal Plate			" " " " " "		
" " Foundation Plate on Floors			" " " " " "		
" " Flat Plate Keel Angles			" " " " " "		
Keelsons, No. each side	one L		" " " " " "		
" " thickness of Inter-costal Plate	5" x 4" x 50"		" " " " " "		
" " Angles			" " " " " "		
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			" " " " " "		

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>See plan</i> State if jogged?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel GARB?	36	.52	.46	.46				3 Rows for 1/2 L To 2 Rows	3/4	2 7/8	STRAPPED	
" DLG. (if any)	A 60	.44	.40	.40		"	"	2 ROWS.	"	"	LAPPED	
Bottom Plating, No. of Strakes 1	B 56	.44	.40	.40		"	"	"	"	"	"	
Bilge Plating, No. of Strakes 1	C 56	.44	.40	.40		"	"	"	"	"	"	
Side Plating, No. of Strakes 2	D 63	.44	.40	.40		"	"	3 ROWS FOR 1/2 L To 2 ROWS	"	"	"	
Upper Deck, Sheer strake in W.H.	E 57	.44	.40	.40		"	"	3 ROWS FOR 1/2 L To 2 ROWS.	"	"	"	
Upper Deck, Sheer-strake in Bridge ...	F 48	.625	.50	.50		"	7/8 3 1/2	3 ROWS FOR 1/2 L To 2 ROWS	7/8	3 1/8	STRAPPED	
Strake below Sheer-strake in Wells	✓											
Strake below Sheer-strake in Bridge ...	✓											
Poop Side Plating.....	✓											
Bridge Side Plating.....	✓											
Whaleback Side Plating	✓	✓	.30	✓								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel — 8

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

„ Deck next below 4

As per Rule 3

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar <i>23. 42.</i>	<i>FLAT BAR ROLLED</i>	<i>8" X 2"</i>	<i>APPLEBY - FRODINGHAM</i>	
STEM <i>3407</i>	"	"	"	
STERN FRAME {	Propeller Post <i>FORGED</i>	<i>8" X 4"</i>	<i>FORSTER</i>	<i>4 1/4"</i>
{	Rudder " <i>7" X 1 1/4"</i>	"	"	<i>see propeller</i>
Speed of Vessel <i>12-14 KTS</i>				
RUDDER—Type <i>BOY</i>	<i>FORGED</i>	—	"	
" A x D.....		<i>175.4</i>	✓	
" Diam. of head		<i>7 1/2" DIA</i>	✓	
<i>23. 42.</i> Mainpiece at top pintle <i>23. 42.</i>		<i>7 3/4"</i>	✓	
" " heel		<i>5 3/4"</i>	✓	
" how constructed	<i>3 ARMS</i>	<i>SHRUNK & KEYED</i>		<i>see plan</i>
" double or single plate coupling, vertical or horizontal		<i>.34"</i>	✓	
	<i>HORIZ.</i>		✓	

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
For thickness of floor plate i.e bottom strake see approved plan						
MIDSHIP	BULKH'D, Upper	FRAME 55	30	7' X 3" X .34 BA	30"	✓
"	"	Second " 79	30	5 1/2" X 3" X .34 OA	24"	TO LOWER DECK ✓
"	"	" 60	30	4" X 3" X .30 OA	24"	LOWER DK TO UPPER ✓
"	"	Third " 68	30	6" X 3" X .44 OA	22 1/2 - 31 1/2	TO LOWER DECK ✓
"	"	" 83	30	"	22 1/2 - 30"	"
"	"	Hold " 87	30	6 X 3" X .34 OA	24"	"
			30	"	"	"
COLLISION	(in Hold)	100	30-40	4 X 3" X .30 OA	"	
		8	38	6" X 3" X .36 OA	"	KEEL TO INT. FLAT ✓
AFTER PEAK		18	26	3 1/2" X 2 1/2" X .31 OA	30"	INT. FLAT TO MAIN D ✓
			30	3" X 3" X .24	"	

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

Plates:- *Apply Fordingham, Barman, Long, & Consett.*

Sections:- " " " & Skinningrove

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

See letter 31.5.43

Rule 26

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
43218	1st Bower	13	3	21	13	3	21	13	15	9	Bygone Improved Standard
43216	2nd	13	0	21	13	0	21	13	19	1	" " " "
	3rd										" " " "
	Collective weight										" " " "
2000A	Kedge	4	0	14	3	5	6	10	0	0	Admiralty Pattern. Supplied from Admiralty Stores.

CHAIN CABLES.

4 1/2 (ex stock)

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statur.	Break.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.		Length.	Ins.
2277	180	1 1/2	31	46	163-3-16					Stud link	N. Hingley & Son	Nethercote 7/4/43	TOWLINE	30	6	Manilla fitted with 35FT of 3" SWR each end.		
2296	15	1 1/2	"	"	14-0-6					"	"	"	HAWSERS & WARPS	150	2 1/2	Admiralty pattern		
	should be 150	150	see letter 24.5.43							150	1 1/2	dia on plan						
	15	2 1/2			Supplied by Admiralty.									120	2 1/2			
														120	1 1/2			
														120	4	Car		

Steering Gear, Type (Power or hand) STEAM-HYDRAULIC TYPE. Donkin & Co Ltd. Alternative Means of Steering Hand Gear.Steering Chains (Size and Test) None. Windlass (STEAM) Gemmell & Frowde Boats Two 16 ft dinghiesCeiling in Holds, thickness and material None Cargo Battens, thickness, material and spacing None.Cargo Hatchways.—(Upper Deck) None Thickness of Hatches ✓Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature

COOK, WELTON & GEMMELL, LTD.

General Manager

15/4/43

GENERAL DECLARATION: It should be stated (a) whether the vessel (if not a motorship) 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 (where required to be inserted in the Notation).

This vessel has been built in accordance with the approved plans and specification, and the materials and workmanship are good. The afterpeak and side tanks aft, and the fresh water and reserve feed tanks, have been tested to Rule requirements. The bottom has been flooded from frames 8 to 55, 68 to 79, and 81 to 100, and all shell plating clear of the tanks has been hose tested. The decks, coamings, skylights and escape hatches, W.T. doors, windlass, steering gear & arrangements have been tested. All found satisfactory.

The amount of Entry Fee..... £ : :
 Classification or Supervision of Admiralty Specification Special Survey Fee..... £178 0 0
 Travelling Expenses, if any £ : :
 Fees applied for, 11 MAY 1943
 Received by me, 19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed +100A1 STEAM TRAWLER, "FOR GOVERNMENT SERVICE"State whether the Vessel has been built under Special Survey Yes.

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to HullDate of issue 26/5/43

Committee's Minute

Character assigned

FRI. 21 MAY 1943

+100A1

Stein Trawler

Lloyd's Register

Lloyd's Register

+LMC 4423

FD CL

Lloyd's Register

Foundation

0200212

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; copies of the plans are in the Wokingham Office.
An Echo sounding device has been fitted.
Forging Reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) Lower deck plating electric welded at sides of vessel and at ends. Approved electrodes used.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

+ 100 A. Steam Trawler "for Government Service"

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

Anchor Head

1st Bower

2nd "

3rd "

7 cwt 1 gr 0 lb

7 " 2 " 0 "

A.E.G.

A.E.G.

43218

43216

20/4/42

27/11/42

4585

4616

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.25 ft., R.Q.D. 92.25 ft., Bridge 34.0 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) 193'-0"

No. and Material of Decks 1 Deck. Steel.

Parts of Bottom of Vessel coated with cement or approved composition Cement in bunkers, E+B spaces, Fore Peak Tanks and chain locker; with bituminous solution above cement. Bitumens Enamel in Fore Tanks.

Particulars of composition (if fitted) and of approval

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,	11.6	7
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. 2318

Date 5th June, 1942

Dates of Surveys held while building

1942. Sept. 18, 24. Oct 2, 6, 14, 23. Nov. 17, 19, 21, 25, 30. Dec. 10, 1943. Jan 8, Mar. 8, 16, 18, 24, 26, 29, 31. Apr. 2, 5, 6, 8, 9, 12, 16.

Total No. of Visits 24.