

Rpt. 1
ADMIRALTY
CASE

STEEL STEAMER OF MOTORSHIP

Received at London Office... 1940

State if Report has been sent on the Fire board of the Vessel No.

State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report 24th July 1940.

Port of Hull.

No. 50789.

Survey held at Selby and Hull.

Date First Survey 20th Oct. 1939.

Last Survey 15th July 1940.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel single screw A/s hauler "FANDANGO".

State Type (Full Scantling Complete Superstructure with or without Tonnage Openings)

Full scantling

State Type of Erections Forecastle only.

TONNAGE under Tonnage Deck... 406.54

CLASS *100 A-TRAWLER State if with freeboard as condition of Class

No.

Built at Selby.

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

Length from fore part of stem to after part of stern 150'-0"

FEET.

Launched 26th March 1940. Yard No. 1214.

Total 406.54

Breadth (greatest moulded) B 27'-6"

Builders Messrs Lochrane & Sons Ltd.

Gross Tonnage 450.69

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'-0"

Owners The Admiralty

Register Tonnage 141.45

1st Longitudinal Number (L x D) = ✓

Managers ✓

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

2nd Numeral L x (B + D) = ✓

Residence London.

REGISTERED DIMENSIONS.

Length 153'-8"

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

Breadth 27'-6"

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

Depth 14'-1"

Do. Long Bridge to top of keel ✓

Draught Moulded ✓

Port of Registry ✓

If surveyed while building, afloat, or in dry dock

During construction

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	22 ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame		
" " in peaks.....	22 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ " " " "	5 3 40 ✓		" " top Angles		
" " Extends up to	upper deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 40		Side Girders, No. each side and thickness		
" " Extends up to	cross floor	3 1/2" FLANGE ON FLOORS.	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	5 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " Third " " " " " "			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....		
" " from 1 len. for'd. to 15% len. from stem.....	5 3 46		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle $\frac{1}{2}$ " " " "	5 3 30 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4 ✓		Breadth and thickness of Middle Line Strake ...		
State if Frame Joggled	No.		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	No approved.		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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	No approved.		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships $\frac{1}{2}$ " " " "	5 3 40 ✓	
Floors, Depth and thickness at mid-line in Holds	18 x 40 ✓		" " in way of Bridge, Angle, [or]		
Height of Brackets at side above base line at toe of frame	44 BR - 42 ER ✓		Spacing	22 ✓	
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ " " " "	5 x 3 x 40 - 30 ✓		LOWER FORWARD		
" " " " " " " " " "	42 - 38 ✓		Second Deck, amidships, Angle, $\frac{1}{2}$ " " " "	5 3 35 ✓	
" " " " " " " " " "			Spacing	22 ✓	
" " " " " " " " " "			LOWER AFT		
" " " " " " " " " "			Third Deck, amidships, Angle, $\frac{1}{2}$ " " " "	5 3 35 ✓	
" " " " " " " " " "			Spacing	22 ✓	
" " " " " " " " " "			Fourth Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	ONE ✓		Spacing		
" " thickness of Intercoastal Plate...	✓		Poop Deck, Angle, [or]		
" " Angles	5 3 50 ✓		Spacing		
DOUBLE BOTTOM.			Forecastle Deck, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, $\frac{1}{2}$ " " " "	5 3 32 ✓	
Bracket Floors, breadth and thickness at middle line.....			Spacing	22 ✓	
" " breadth and thickness at margin plate.....					

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	One ✓		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....	2 3/4" DIA - 44" ✓		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" in Head CROSS BULKHEAD	2 7/8" DIA - 44" ✓		Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	(FRS 14-19) 6 3 34 22" Sp. ✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of	26		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	68 1/2" x 32 ✓		If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	3 3 38 ✓		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	32 ✓		Plating, Sheathing, material and thickness ..		
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	28 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness.....	(FRS B-33) 60 w.w. 2 1/2" ✓		Plating, Sheathing, material and thickness ..		
LOWER Second Deck.			Forecastle Deck.		
PLATED THWARTSHIPS			Stringer Plate, breadth and thickness.....	26 ✓	
Stringer Plate, breadth and thickness in Wells...	26 ✓		Plating, Sheathing, material and thickness ..	26 ✓	
			UNDER WINDLASS	40 ✓	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	7 ✓
„ Deck next below	3 ✓
As per Rule	4

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓	✓		
STEM	Roll'd	7 1/2 x 7 1/2	Waisett Iron Co Ltd.	
STERN FRAME {	Cast	10	Waisett Iron Co Ltd.	
Propeller Post				
Rudder	Steel	affordable		
Speed of Vessel		12 1/4 knots	✓	
RUDDER—Type		Spade type	✓	
" A x D		✓		
" Diam. of head	Cast	7 1/2 x 1 1/2	Waisett	
" Mainpiece at top pin	Steel	9 1/2 x 1 1/2	Waisett Ltd.	
" " heel ...		6 x 6		
" how constructed	Cast steel frame	with side plates		
" double or single plate	Double	32	✓	
" coupling, vertical or horizontal	None			

STIFFENERS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
BULKHEAD ON	FRAME N ^o 19	40-30	6 x 3 x 14 1/2	30	✓	✓
WIDENING	BULK'HD, Upper between deck	40-30	3 1/2 x 3 x 14 1/2	30	✓	✓
"	Second	52	6 x 3 x 14 1/2	27	✓	✓
"	Third	64	6 x 3 x 14 1/2	24-27	✓	✓
"	Holds	77	6 x 3 x 14 1/2	30	✓	✓
COLLISION	(in Hold)	5	6 x 3 x 12 1/2	24	✓	✓
AFTER PEAK		72	6 x 3 x 14 1/2	27-30	✓	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
PLATES:- *Applety, Rodingham Steel Co. Ld.; Consett Iron Co. Ld. South Durham I. & F. Co. Ld.*
SECTIONS:- *Consett Iron Co. Ld. Dorman Long & Co. Ld.; Sharncliffe Iron Co. Ld.*
 Has the Steel been tested as required by the Rules? *yes* ✓

EQUIPMENT No. ✓										LETTER ✓		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
25088	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Byss Stockless	Not stated	Lan Walker 25-6-40 A Green
25094	2nd " ...	15	0	0	16	10	0	0	16	10	0	14	" "	" "	" " 29-6-40 "
	3rd " ...														
	Collective weight.	30	0	0								28	Cast Steel Admiralty	Green, Leno	
1124A.	KEDGE Sloop	2	2	7	-	2	0	5	2	2	0	22	plain anchor	+ Co. Ltd.	Cardiff 25-6-40 A Butler.

CHAIN CABLES.												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.	Statu- tory.	Break- ing.	Supplied.		Length. Diam.	Length.	Cir.					Length.	Cir.			
					Tons.	Cwts.											qrs.	lbs.
60682	105	60	1 1/8	22 3/4	31 1/8	39	3	6	87.1-20.	135	1 1/8	Stud Richard	Bradley Heath	TOWLINE...	30	6	Manila fitted with 35 lbs 3" sw. lead and	
60683	105	60	1 1/8	22 3/4	31 1/8	40	0	26		Link Ayres & Son.	10-4-40.	HAWSERS & WARPS)	150		2 1/2	Admiralty pattern		
60690	15	1 1/8	22 3/4	31 1/8	10	0	21	9-4-40.		"	120		2 1/2		modern rope.			
KEDGE	100	2	Supplied by Admiralty	90	0	25	100	2	A. C. Paul.	"	"		"	"	"	"	"	"
Chain of Steel Wire																		

Steering Gear, Type (Power or hand) Wilson-Lurie Steam Steering Gear Alternative Means of Steering Hand gear (combined steam & hand - Darkin & Co. Ltd.)

Steering Chains (Size and Test) None. Windlass Steam - Yque Metal Co. Ltd. Boats 2-16 ft. Dinghys.

Stowage in Holds, thickness and material None. Cargo Battens, thickness, material and spacing None.

Cargo Hatchways.-(Upper Deck) None. Thickness of Hatches None.

Number 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 J. C. Paul. **FOR DOCHRANE & SONS LTD.**

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.

The materials & workmanship are good

The fore & after peak tanks, chain locker & trimmings tank, fresh water tanks and reserve feed tanks have been tested in accordance with the rule requirements & found satisfactory.

Bottom flooded in way of W.T. trunk space, magazine & spirit rooms etc., coal bunkers, engine & boiler spaces, and engineers store and found satisfactory.

Shell has been tested & found in order.

Decks, casings and deckhouses, windlass, steering gear & arrangements have been tested & found satisfactory.

The demand for Admiralty Stores and the supervision of same have been carried out by us.

The amount of Entry Fee £ 140 : 0 : 0

Fee for classification and Special Survey Fee. £ 140 : 0 : 0

Travelling Expenses, if any £ 4 : 14 : 9.

Fees applied for 1940

Received by me, 16 August 1940 R.S. 7/8

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

I am of opinion the Vessel should be Classed *100 A- TRAWLER

"FOR GOVERNMENT SERVICE."

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

Certificate to be sent to Hull. Date of issue 27/8/40.

Committee's Minute TUE. 13 AUG 1940

Character assigned + 100 A- Steam Trawler for Government Service + Limb. 7.40

Delete class from Ghost Book and enter in Steamer Register as declassified ship

16 APR 1940

1940

2021

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.)

The approved plans are being retained for reference in dealing with sister-vessels at present under construction.

The following reports are enclosed herewith:—

Propeller post, ladder frame & ladder head bearing Lts. Rpt No. 9028.
1 H.Q. Quadrant and 1 Quadrant - 1 tiller. Sld " - 820-983-23.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded to ship's sides; butts of lower deck plating electrically welded.

Murex electrodes (Kurex) as approved has been employed in this work.

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

*100A - STEAM TRAWLER.

"FOR GOVERNMENT SERVICE."

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. ☒ ft., Bridge ☒ ft., Forecastle 268 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 ☒ 27.91' Over-all Length ☒ 164.5 ft. (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK STL.

Parts of Bottom of Vessel coated with cement or approved composition cross side bunkers & fresh water tanks.

Particulars of composition (if fitted) and of approval Bitumastic solution in bunkers - Bitumastic solution in fresh water tanks.

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,		
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. 3196

Date 20th Sept 1939.

Dates of Surveys held while building

1939:- Oct. 20. 27. 31. Nov. 7. 8. 10. 20. 24. 28. Dec. 4. 8. 11. 15. 18. 27.
1940:- Jan. 2. 11. 16. 19. 24. 26. Feb. 2. 9. 14. 19. 23. 27. Mar. 4. 6. 8. 13. 18.
Mar. 26. 29. Apr. 2. 4. 8. 19. 23. May. 3. 10. 21. 23. 31. June. 14. 20. 21.
June. 24. 26. 27. 28. 29. July. 3. 4. 5. 6. 8. 9. 10. 11. 15.

Total No. of Visits 66.