

STEEL STEAMER OR MOTORSHIP.

Received at London Office

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 5th January 1943 Port of Hull No. 51869

Survey held at Beverley & Hull Date First Survey 13th March 1942 Last Survey 17th December 1942

On the (State if Machinery fitted Aft and Fore) Steel Single Screw M/S A/S "ULVA"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Hull Scantling State Type of Erections Forecasts

TONNAGE under Tonnage Deck 408.14 CLASS 100A- TRAWLER State if with freeboard No

Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓ Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 150'-0"

Total 408.14 Breadth (greatest moulded) B 27'-6"

Gross Tonnage 452.20 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"

Register Tonnage 143.98 1st Longitudinal Number (L x D) = ✓

REGISTERED DIMENSIONS. FEET 2nd Numeral L x (B + D) = ✓

Length 153.85 Framing Depth "d," at middle of length. See Sec. 3 (1d) = ✓

Breadth 27.20 Proportions—Depth to Length—Uppermost continuous deck to top of keel = ✓

Depth 14.00 Do. Long Bridge to top of keel = ✓

Draught Moulded = ✓

Built at Beverley

Launched 30th July 1942 Yard No. 700

Builders Messrs Booth, Weller & Lunnell Ltd

Owners The Admiralty

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

Residence London

Port of Registry ✓

If surveyed while building, afloat, or in dry dock Building & 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.....	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, E or F.....	5 x 3 x 40	✓	" " top Angles		
" " Extends up to.....	Upper Deck	✓	" " bottom Angles.....		
Reversed Frame Amidships, Angle.....	3 x 3 x 38	✓	Side Girders, No. each side and thickness.....		
" " Extends up to.....	Across Floor	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	5"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
" " Third			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	5 x 3 x 46	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or F.....	5 x 3 x 34	✓	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?	As Allowed	✓	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?			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in	5 x 3 x 40	✓
Floors, Depth and thickness at mid-line in Holds.....	18" x 40	✓	" " Wells, Angle, E or F.....		
Height of Brackets at side above base line at toe of frame.....	44 BR — 42 ER	✓	" " in way of Bridge, Angle, [or]		
Middle Line Keelson, on Floors, Angles, E or F.....	5 x 3 x 40 — 30	✓	Spacing	22	✓
" " Through Plate or Inter-costal Plate	42 — 38	✓	LOWER FORWARD		
" " Foundation Plate on Floors	✓	✓	Second Deck, amidships, Angle, E or F.....	5 x 3 x 35	✓
" " Flat Plate Keel Angles	3 x 3 x 44 — 40	✓	Spacing	22	✓
Side Keelsons, No. each side.....	ONE	✓	LOWER AFT		
" " thickness of Inter-costal Plate.....	✓	✓	Third Deck, amidships, Angle, E or F.....	5 x 3 x 35	✓
" " Angles	5 x 3 x 50	✓	Spacing	22	✓
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?	As Allowed	✓	Bridge Deck, Angle, [or]		
Bracket Floors, breadth and middle line			Spacing		
" " breadth			Forecastle Deck, Angle, E or F.....	5 x 3 x 32	✓
" " margin			Spacing	22	✓

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				
„ in 'tween Decks, Size and Spacing	2 3/4" dia. in				
„ „ „ „ „	✓				
CROSS BUNKER					
„ in Hold „ „	2 3/8" dia. in				
„ „ „ „ „	✓				
Centre Line Bulkhead.					
Stiffeners and Spacing	FR 14 TO 19 6" 3" 34" @ 22" SPACING				
Plating, thickness of	26				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	68 1/2" x .32				
„ „ „ „ in way of Bridge	✓				
„ Angle in Wells	3" 3" 34"				
Thickness of Plating abreast Deck openings } in way of Wells32				
Thickness of Plating abreast Deck openings } in way of Bridge	✓				
Thickness of Plating within line of openings...	.28				
If Sheathed, material and thickness	FR 13 TO 33 13 BARNED W.W.				
LOWER Second Deck.					
Stringer Plate, breadth and thickness in Wells	26				
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 ...					
Forecastle Deck.					
Stringer Plate, breadth and thickness	26				
Plating, Sheathing, material and thickness ...	26				

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					SINGLE OR DOUBLE.	Diam. Inches.	
Flat Plate Keel.....	39 1/2	.126	.142	.142		DOUBLE	3/4	6 PER SPACE EX FRAME TWO OVER	3/4	2 5/8	STRAPPED
„ Dblg. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Bottom Plating, No. of Strakes 2	66	.140	.140	.140		DOUBLE	3/4	6 PER SPACE EX FRAME TWO OVER	3/4	2 5/8	LAPPED
Bilge Plating, No. of Strakes 1	66	.140	.140	.140		"	"	"	"	"	"
Side Plating, No. of Strakes 1	66	.140	.140	.36		"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells.....	58	.50	.43	.42		"	"	"	"	"	"
Upper Deck, Sheer-strake in Bridge ...											
Strake below Sheer-strake in Wells.....											
Strake below Sheer-strake in Bridge ...											
Poop Side Plating.....											
Bridge Side Plating.....											
Forecastle Side Plating	75	.28	.50	.50							

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 7 1/2

„ Deck next below..... 3 1/2

As per Rule..... 4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM		FLAT BAR ROLLED 8" x 2"		
STERN FRAME	{ Propeller Post { Rudder	CAST AS STEEL APPROVED	STEWART LLOYD	
Speed of Vessel		12 1/2 13 KNOTS		
RUDDER—Type		SPADE TYPE		
" A x D		✓		
" Diam. of head		CAST 7 x 1 1/2	STEWART	
" Mainpiece at top pintle		STEEL 9 x 1 1/2	LLOYD	
" " heel		6 x 6		
" " how constructed		CAST STEEL FRAME WITH SIDE PLATE		
double or single plate		.32		
rolling, vertical or horizontal		NONE		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
FR 19	Upper tween decks	40-30	6 x 3 x 44	30		
FR 30	Second	40-30	3 x 3 x 38	30		
	Third	42-26	6 x 3 x 42	27		
	Hold	40-26	6 x 3 x 30	24	27	
COLLISION	(in Hold)	40-26	6 x 3 x 32	24		
AFTER PEAK		40-26	6 x 3 x 35	27	30	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the
	<p><i>SECTIONS:- DORMAN, LONG & CO, CONS</i></p> <p><i>PLATES:- APPLERY-FROBINGH</i></p> <p>Has the Steel been tested as required by the Rules? <i>X</i></p>

Steering Gear, Type (~~Power or hand~~) STEAM Douglas Alternative Means of Steering Hand Wheel

Steering Chains (Size and Test) None Windlass Clarke Chapman Boats Two 16'0" Dinghies

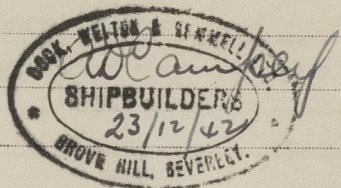
Ceiling in Holds, thickness and material None Cargo Battens, thickness, material and spacing ☒

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 _____



The amount of Entry Fee..... £ : ✓ : } Fees applied for, 16/1/1943
 Fee for Classification and Special Survey Fee..... £ 140.0.0 } Received by me, 19
 Travelling Expenses, if any £ : : }
 State whether the Vessel has been built under Special Survey yes
 Certificate to be sent to Null Date of issue 2/2/43
 Committee's Minute FRI. 29 JAN 1943
 Character assigned + 100A - Steam Trawler for Government Service
OL. E.S.D. + Lmb 12.4E
22.09.43

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 under construction, copies of these are in the Works Office.

This vessel is a sister vessel to the same builder yard No. 667.
Built 12th Dec 5, 1952.

An "Echo" sounding device has been fitted.
Forging reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at sides of vessel and at ends.

Approved electrodes employed on 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 8-2-0: J.H.T.: 5233: 30/9/42
2nd " 8-2-21: " : 5236: "
3rd " " " " " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 ☒ Over-all Length 164'5" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Deck (Stk)

Parts of Bottom of Vessel coated with cement or approved composition ☒

Particulars of composition (if fitted) and of approval 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. 3303

Date 11/11/41

Dates of Surveys held while building

1942. Mar. 13, 14, 16, 18, 25, 28, 30. Apr. 1, 3, 4, 10, 15, 17, 20, 22, 24, 27, 29. May 2, 4, 5, 7, 12, 15, 16, 19, 20, 23, 24, 29. June 1, 2, 4, 8, 9, 10, 12, 15, 26, 30. July 3, 7, 13, 15, 17, 21, 30. Dec. 4, 7, 8, 9, 11, 17.

Total No. of Visits 44