

RECEIVED

8 NOV 1943

IN D.O.

STEEL STEAMER OR MOTORSHIP.

TRAWLER.

Received at London Office

NOV 1943

2/5.402

State if Report has been sent on the Freeboard of the Vessel. NOState if Report is sent on the Machinery of the Vessel. YESDate of completion of report 6th October, 1943 Port of HULL No. 52201Survey held at Hull C13 Building Date First Survey 17th April, 1943 Last Survey 14th October, 1943On the Single Steel Steamer M/S A/S "MINALTO"State Type Full Scantling State Type of Erections ForecastleTONNAGE under Tonnage Deck ... 408.14 CLASS 100A-TRAWLER State if with freeboard NODo. 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) 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

Length 153.85Breadth 27.20Depth 14.00

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, <u>5 3 40</u>	5 3 40	✓	" " top Angles	-	-
" " Extends up to <u>UPPER DECK</u>	UPPER DECK	✓	" " bottom Angles	-	-
Reversed Frame Amidships, Angle <u>3 3 38</u>	3 3 38	✓	Side Girders, No. each side and thickness	-	-
" " Extends up to <u>ACROSS FLOORS</u>	ACROSS 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 Decks, Angle, <u>5 3 40</u>	5 3 40	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	-	-
" " Second 'tween Decks, Angle, <u>5 3 40</u>	5 3 40	✓	" " 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 1/2 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 <u>5 3 34</u>	5 3 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	✓	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?	APPROVED	✓	BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships	5 3 40	✓
Floors, Depth and thickness at mid-line in Holds	18 x 40	✓	" " in way of Bridge, Angle, <u>5 3 40</u>	-	-
Height of Brackets at side above base line at toe of frame	NONE	✓	Spacing	22	✓
Middle Line Keelson, on Floors, Angles	5 x 3 x 40 - 30	✓	Lower FORWARD		
" " Through Plate or Inter-costal Plate	42 - 38	✓	Second Deck, amidships, Angle, <u>5 3 35</u>	5 3 35	✓
" " Foundation Plate on Floors	-	-	Spacing	22	✓
" " Flat Plate Keel Angles	3 x 3 x 40 - 40	✓	Lower AFT		
Side Keelsons, No. each side	ONE	✓	Third Deck, amidships, Angle, <u>5 3 35</u>	5 3 35	✓
" " thickness of Inter-costal Plate	-	-	Spacing	22	✓
" " Angles	5 3 50	✓	Fourth Deck, amidships, Angle, <u>5 3 35</u>	-	-
DOUBLE BOTTOM.			Spacing	-	-
Solid Floors, thickness and spacing	-	-	Poop Deck, Angle, <u>5 3 35</u>	-	-
" " Are Frame and Reversed Frame joggled?	-	-	Spacing	-	-
Bracket Floors, breadth and thickness at middle line	-	-	Bridge Deck, Angle, <u>5 3 35</u>	-	-
" " breadth and thickness at margin plate	-	-	Spacing	-	-
			Forecastle Deck, Angle, <u>5 3 35</u>	5 3 35	✓
			Spacing	22	✓

(MADE IN ENGLAND.)

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 seven Decks, Size and Spacing		2 3/4	-	1 1/2	✓						
" " " " " "		-	-	1 1/2	✓						
" " " " " "		2 3/8	-	1 1/2	✓						
" " " " " "		-	-	-	-						
Centre Line Bulkhead. FRS 30-39		6 x 3	3 1/2	32	✓						
Stiffeners and Spacing		26	✓								
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	38	✓						
Thickness of Plating abreast Deck openings in way of Wells		32	✓								
Thickness of Plating abreast Deck openings in way of Bridge		-	-	-	-						
Thickness of Plating within line of openings		28	✓								
If Sheathed, material and thickness		2 1/2	✓								
Forecastle Deck.											
Stringer Plate, breadth and thickness		26	✓								
Plating, Sheathing, material and thickness		26	✓								
Bridge Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Poop Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Third Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Fourth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Fifth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Sixth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Seventh Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Eighth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Ninth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Tenth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Eleventh Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Twelfth Deck.											
Stringer Plate, breadth and thickness		-	-	-	-						
Plating, Sheathing, material and thickness		-	-	-	-						
Thirteenth Deck.											
Stringer Plate, breadth and thickness		-									

SCANTLING.				RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		NO. OF ROWS OF RIVETS.	BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		RIVETS.		STAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Inches.	Spacing cr. to cr.	
Flat Plate Keel.....	39½	¼ 46	¼ 42	¼ 42		DOUBLE	3 1/4 6 PER SPACE EXTRA RIVETS TWO	3 1/4	2 5/8	STRAPPED	
" DBL. (if any)	—	—	—	—		—	—	—	—	—	
Bottom Plating, No. of Strakes .. 2	66	¼ 40	¼ 40	¼ 40		DOUBLE	3 1/4 6 PER SPACE EXTRA RIVETS TWO	3 1/4	2 5/8	LAPPED	
Bilge Plating, No. of Strakes .. 1	66	¼ 40	¼ 40	¼ 40		"	" " " "	"	"	"	
Side Plating, No. of Strakes .. 1	66	¼ 40	¼ 40	¼ 36		"	" " " "	"	"	"	
Upper Deck, Sheer-strake in Wells	58	¼ 50	¼ 43	¼ 42		"	" " " "	"	"	STRAPPED	
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	¼ 28	No. 1 PLATE 50								

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

Extending to Upper Deck (Sec. 3.c) 7

„ „ Deck next below 3

As per Rule 4

	Casting or Forging.	Scanlings.	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	CAST AS		} STEWART LLOYD'S
	Rudder "	STEEL APPROVED		
Speed of Vessel		12 TO 13		KNOTS ✓
RUDDER—Type				SPADE TYPE ✓
" A x D				✓
" Diam. of head		CAST 7" x 1 1/2"		} STEWART LLOYD'S
" Mainpiece at top pintle		STEEL 9 1/2" x 1 1/2"		
" " heel		6 x 6		
" how constructed				CASE STEEL FRAME WITH SIDE PLATES.
" double or single plate coupling, vertical or horizontal				132 ✓
"				NONE ✓

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH.
PLATES: - CONSETT & CO. LD, DORMAN LONG & CO. LD, APPLEBY-FRODINGHAM.
SECTIONS: - " - " - SKINNINGROVE & 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.					
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.									
111112	1st Bower	14	0	0	STAGLASS	15	12	2	9				14	13 YEAR IMPROVED (SHEED)	✓	SUNDERLAND	10/9/43	R.J. VOGAN			
111113	2nd	13	2	21	"	15	9	0	14				14	"	✓	"	10/9/43	"			
	3rd																				
	Collective weight	27	2	21									29								
2172A	Secum	2	2	4	-	2	3	5	2	2	0			ADMIRALTY PLAN BROWN LEAD 15/6/43	✓	CARDIFF		R. 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 63.		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.	Stain.	Break.	Tons.	qrs.	lbs.	Per Rule.	Length.	Diam.					Fathoms.	Ins.		Tons.	qrs.	lbs.	Length.	Ins.					
671102	150	1 1/8	22 1/2	30	99	1	4	✓	135	1 1/8	STUD	CRADLEY HEATH	23/9/43	W. V. NORMAN	30	6	MANILLA FITTER.	30 1/2	3	S.W.R. EACH END							
671103	30	"	"	"							"	"	"	"	HAWSERS & WARPS	150	2 1/2	ADMIRALTY PATTERN									
																120	2 1/2	MANILLA 12 ROPE									
																120	1 1/2	ALL SUPPLIED	BY								
																120	4	ADMIRALTY									

STEERING GEAR, TYPE (Power or hand)		Alternative Means of Steering	
STEAM	DONKIN'S	HAND WHEEL	

STEERING CHAINS (Size and Test)		Windlass	
NONE		GEMMELL & FROW	Boats 2-16-0 DINGHY'S

CEILING IN HOLDS, THICKNESS AND MATERIAL		Cargo Battens, thickness, material and spacing	
NONE			✓

CARGO HATCHWAYS.—(Upper Deck)		Thickness of Hatches	
NONE			✓

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	

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 & specifications. The materials & workmanship are of good quality. Fore & after peak tanks, chain locker, trimming tank, F.W.C. Reserve tank tested in accordance with the Rules.
Bottom flooded fore & aft and shell plating and bulkhead water tested by a hose.
The decks, casing, deckhouse, windlass, skylight, escape hatches, W.T. doors and steering arrangements tested.
All found satisfactory.

The amount of Entry Fee..... £ : : 4 NOV 1943 ADMIRALTY (Special notations, where part of class, to be stated.)

Fees applied for,
Special Survey Fee..... £69-0-0
SUPERVISION OF SPECIFICATION £71-0-0
Travelling Expenses, if any £ : : } Received by me, 19

I am of opinion the Vessel should be Classed **100A-TRAWLER**
"FOR GOVERNMENT SERVICE"

State whether the Vessel has been built under Special Survey **YES**

Certificate to be sent to **HULL** Date of issue **24/11/43**

Committee's Minute **TUES. 16 NOV 1943**

Character assigned **+ 100A - Sbm Trawler
In Government Service
+ LMC 10.43 20.09**

before the Committee's Minutes

% Adm write ~~file~~

© 2021 Lloyd's Reg

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 Wokingham Office.

This vessel is a sister vessel to the same builders' job No 716 "LINDISFARNE" (Hull No 10)

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 8-3-7 : J.H.J. : 5429 : 10/2/43.
2nd " 8-1-26 : J.H.J. : 5405 : 22/1/43.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 26.8 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 164.5 (Circ. 1703)

No. and Material of Decks 1 Deck (S.W.)

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

Particulars of composition (if fitted) and of approval 13 ITUROS SOLUTION IN F.W. 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. 3360.

Date 8.12.43.

Dates of Surveys held while building

1943. Apr. 17. 20. 30. May 4. 13. 19. June 1. 10. 24. 25. 28. 30. July 3. Aug 16. Sept 14. 22. 23. At 1.4.

Total No. of Visits 19.