

## STEEL STEAMER MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report 20<sup>th</sup> February 1941 Port of Sunderland No. 33044  
 Survey held at Sunderland Date First Survey 18 June 1940 Last Survey 17<sup>th</sup> February 1941

On the (State if Machinery fitted Aft and of Single, Twin or Triple Screw) Single screw motor vessel "ANTAR"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Complete Superstructure with one tonnage opening aft State Type of Erections L.S.S.

TONNAGE under Tonnage Deck... 4684.57

CLASS 100F.1

State if with freeboard as condition of Class

Built at Sunderland

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

Length from fore part of stem to after part of stern } L 42.13  
most on summer L.W.L. See Sec. 3 (1a)

Launched 1st November 1940 Yard No. 668

Total 5222.39

Breadth (greatest moulded) B 36.21

Builders Tom Dwyer &amp; Sons, Ltd.

Gross Tonnage 5222.39

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38.00

Owners New Egypt &amp; West Shipping Co. Ltd.

Register Tonnage 3033.75

1st Longitudinal Number (L x D) = 15582

Managers

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

REGISTERED DIMENSIONS.  
FEET.

Length 42.0

Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.35

Residence 18-20, Leechurch Lane, LONDON E.C.3

Breadth 36.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.08

Port of Registry London

Depth 26.5

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Draught Moulded 25'-8 5/8"

Whit Building

## 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.
<b>FRAMES, Spacing amidships</b> .....	3 1/2	✓	<b>Bracket Floors, Frame</b> .....	6 3/2 40	✓
" " from 3/5 length amidships to } Collision bulkhead.....}	27	✓	" " Reversed Frame .....	6 3 34	✓
" " in peaks.....	24	✓	" " Vertical Struts .....	8 x 3 1/2 x 3 1/2 x 42	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	40 3/4 x 54	
Frame Amidships, Angle, [ or ] .....	13 1/2 4 49	✓	" " top Angles .....	3 1/2 3 1/2 48	
" " Extends up to 2nd Dk. + 30 @ HE Beams every 3rd frame at Machy space		✓	" " bottom Angles .....	5 5 50	✓
Reversed Frame Amidships, Angle .....	✓		<b>Side Girders, No. each side and thickness</b> .....	on 3 38	✓
" " Extends up to...	✓		<b>Margin Plate depth (excl. of flange) and thickness</b> .....	40 3/4 x 54	
<b>Depth of Framing Girder</b> .....	✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	5 5 45	✓
<b>Frames in Uppermost Continuous 'tween } Decks, Angle, [ or ] .....</b>	6 3 1/2 35	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....	5 5 45	double
" " Second 'tween Decks, Angle, [ or ] .....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem .....	.42	continuous
" " Third " " " " .....	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....	.42	-do-
" " from 1 len. for'd. to 15% len. from Stem .....	13 1/2 4 57	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	70 x 46	✓
" " in Peaks, Angle, [ or ] .....	8 3 1/2 44	+ 1/16	<b>INNER BOTTOM PLATING.</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	7/8 @ 5 3/4	✓	Breadth and thickness of Middle Line Strake ...	78 x 50	✓
<b>State if Frame Joggled</b> .....	yes	✓	Thickness of remainder in Holds .....	.44	+ .08 at Hatches
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	yes	✓	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? .....	yes	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	yes	✓	<b>BEAMS.</b>		
<b>INGLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships } in Welle, Angle, [ or ] .....</b>	8 3 1/2 34	✓
<b>Floors, Depth and thickness at mid-line in } Holds .....</b>			" " in way of Bridge, Angle, } [ or ] .....	✓	
Height of Brackets at side above base line at toe of frame .....			Spacing .....	every 4'	✓
<b>Middle Line Keelson, on Floors, Angles, } [ or ] .....</b>			<b>Second Deck, amidships, Angle, [ or ] .....</b>	9 3 1/2 38	✓
" " Through Plate or Intercoastal Plate ...			Spacing .....	every 4'	✓
" " Foundation Plate on Floors .....			<b>Third Deck, amidships, Angle, [ or ] .....</b>	✓	
" " Flat Plate Keel Angles .....			Spacing .....	✓	
<b>Side Keelsons, No. each side</b> .....			<b>Fourth Deck, amidships, Angle, [ or ] .....</b>	✓	
" " thickness of Intercoastal Plate ...			Spacing .....	✓	
" " Angles .....			<b>Poop Deck, Angle, [ or ] .....</b>	✓	
<b>DOUBLE BOTTOM.</b>			Spacing .....	✓	
<b>Solid Floors, thickness and spacing</b> .....	.42 @ 9 1/2	✓	<b>Bridge Deck, Angle, [ or ] .....</b>	✓	
" " Are Frame and Reversed Frame joggled? .....	yes	✓	Spacing .....	✓	
<b>Bracket Floors, breadth and thickness at } middle line .....</b>	33 x 42	✓	<b>Forecastle Deck, Angle, [ or ] .....</b>	✓	
" " breadth and thickness at } margin plate .....	33 x 42	✓	Spacing .....	✓	



# 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.
<b>PILLARS, No. of Rows.....</b>					Stringer Plate, breadth and thickness in way of Bridge .....	✓			
„ in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells .....	3/5			
„ „ „ „ „					Thickness of Plating abreast Deck openings in way of Bridge .....	✓			
„ in Holds „ „					Thickness of Plating within line of openings...	3/4			
„ „ „ „ „					If Sheathed, material and thickness .....	✓			
<b>Centre Line Bulkhead. TOS L</b>	3 1/2	3	32	way of	<b>Third Deck.</b>				
Stiffeners and Spacing..... Hold L	9	3 1/2	44		Stringer Plate, breadth and thickness.....	✓			
		26	100		If Plated, state thickness.....	✓			
Plating, thickness of .....		30	Hold		<b>Fourth Deck.</b>				
<b>STRINGERS AND DECKS.</b>					Stringer Plate, breadth and thickness.....	✓			
<b>Uppermost Continuous Deck.</b>					If Plated, state thickness .....	✓			
Stringer Plate, breadth and thickness in Wells	70	x	61		<b>Poop Deck.</b>				
„ „ „ „ in way of Bridge	✓				Stringer Plate, breadth and thickness .....	✓			
„ Angle in Wells .....	6	6	61		Plating, Sheathing, material and thickness ...	✓			
Thickness of Plating abreast Deck openings in way of Wells .....	63	x	57	+10%	<b>Bridge Deck.</b>				
Thickness of Plating abreast Deck openings in way of Bridge .....	✓				Stringer Plate, breadth and thickness.....	✓			
Thickness of Plating within line of openings...	44	✓		+10%	Plating, Sheathing, material and thickness ...	✓			
If Sheathed, material and thickness .....	✓				<b>Forecastle Deck.</b>				
<b>Second Deck.</b>					Stringer Plate, breadth and thickness.....	✓			
Stringer Plate, breadth and thickness in Wells...	70	x	40		Plating, Sheathing, material and thickness ...	✓			

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>No.</i>			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 .....	52	79	69	69		Double	1	4	Same	1	3 1/2	Lapped
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. } of Strakes .....	4	61	50	50	✓	Double	7/8	3 1/2	Same	7/8	3 1/2	Lapped
BILGE PLATING, No. of } Strakes .....	1	61	50	50	✓	"	7/8	3 1/2	Same	7/8	3 1/2	"
SIDE PLATING, No. of } Strakes .....	5	61	47	47	✓	"	7/8	3 1/2	Three	7/8	3 1/2	"
UPPER DECK, Sheer- } strake in Wells.....	90	67	47	47	✓	"	7/8	3 1/2	Same	7/8	3 1/2	"
UPPER DECK, Sheer- } strake in Bridge ...												
STRAKE BELOW Sheer- } strake in Wells.....												
STRAKE BELOW Sheer- } strake in Bridge ...												
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING												

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	One
„ Deck next below	Six
As per Rule	Seven

## STIFFENERS.

	Plating Thickness.				
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D, Upper tween decks</b>	-				
„ „ Second „	-				
„ „ Third „	-				
„ „ Holds .....	39-26	12 x 3 1/2 x 3 1/2	37 @ 30		
<b>COLLISION</b> „ (in Hold) .....	54-32	12 x 3 1/2 x 46	24	1 Semi-Rox Beam	
<b>AFTER PEAK</b> „ „	42-27	41-36	8 x 3 x 48	24	- do -

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar .....</b>				
<b>STEM .....</b>				
<b>STERN FRAME</b> { Propeller Post .....	CS	4 1/4 x 3 1/2	Darlington Long	
{ Rudder „ .....	-	-	-	
<b>Speed of Vessel .....</b>		11 1/2	✓	
<b>RUDDER—Type .....</b>		Latin	✓	
„ A x D .....		Semi-balanced	✓	
„ Diam. of head .....	M.S	8"	✓	
„ Mainpiece at top plate .....	MS	12"	✓	
„ „ heel ...		8 1/2"	✓	see plan
„ how constructed .....		built	✓	
„ double or single plate coupling, vertical or horizontal .....		double	✓	

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)  
 South Durham, Spinningrod, Lisset, Doman Long, Applby Jodringham, Cargo Fleet, Colville  
 Has the Steel been tested as required by the Rules? *yes*







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.)

Plans showing Vessel as built should be forwarded and a List of

Similar Vessels - "Favers" Sunderland Port. 32667  
"Merchant Prince" 32712  
"Reignon" 32744  
"Larns" 32872  
"Putney Hill" 32910  
"Duff of Athol" 32981

PARTICULARS OF ELECTRIC WELDING (if employed) Fleetweld & Quasi - the overhead electrode

Parts welded :- 2nd Deck Stringer plates to shell, deep tank & plat tank girders, Puddles plates, Bulkhead stiffener brackets to tank top, Hatch web mounting bars, Ventilator coamings to Deck, Deck Side Girders.

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

Lloyd's A & L P, ~~Little's~~ ~~150°F~~, D.F., E.S.D., ~~Unish~~ ~~Stem~~, bil dug.

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

1st Bower	40-0-20	JD	2906	21-5-40
2nd "	40-2-26	JT	2254	22-5-40
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. 168066 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 442-11 1/4' (Circ. 1703)

No. and Material of Decks 1 DE (SIL) & Shell DE.

Parts of Bottom of Vessel coated with cement or approved composition in No. 1 and 4 Double Bottom Tanks & Cofferdams. No. 7. Tank filler

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,	123.37	355	Fore peak tank,	24	134
Double bottom, under Engines and Boilers, Cofferdam	5.25	-	After peak tank,	18	155
Double bottom, if under Engines only,	24.1	132	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward, amidships	28.8	1205
Double bottom, forward,	193.50	692	Other tanks, if fitted,	-	-
Total length (if continuous) and Capacity	356	1179	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5920

Date 16. 5. 39.

Dates of Surveys held while building

1940. June 18, 25. July 16, 22, 23, 29, 31. Aug. 2, 5, 12, 15, 16, 23, 26, 29. Sep. 2, 5, 10, 13, 19, 26, 27. Oct. 3, 7, 11, 14, 16, 17, 18, 21, 23, 25, 28, 30. Nov. 1, 13. Dec. 12, 20, 23, 31. 1941. Jan. 14, 16, 20, 22, 23, 27, 30. Feb. 6, 9, 10, 12, 17.

Total No. of Visits 52