

Awning or Shelter Deck,
or Pl. Awning Deck.

STEEL STEAMER.

No. 1957

State if Report is also sent on the Machinery of the Vessel

Yes

Port of Barrow in Furness Date of completion of Report

June 1922 Received at London Office

Survey held at Barrow in Furness Date, First Survey

20th January 1919 Last Survey 3rd June 1922 191

On the (State if Single, Twin, or Multiple Screw)

Screw

"Antonia"

Rig

Schooner

TONNAGE under Tonnage Deck...

8245.74

CLASS 100 A.I. Shelter Dk.

FRET.

Master

Do. between Tonnage Dk. and 2nd, 4th, or Awning Dk.

2390.45

Breadth (greatest moulded)

with freeboard.

65.0

Total under Upper Dk.

10636.19

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck

43.08

Do. of Poop

Deduct height of 'tween deck when this does not exceed 8ft.

8.0

Do. of R. Qr. Dk.

Transverse Number

100.08

Do. of Bridge House

1085.04

Do. of Forecastle

1435.71

Do. of Houses on Deck

709.93

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage

13866.87

Less Crew Space

798.99

Less above Crown of Engine Room

GE FOR FEES.

13866.87

Engine Room

4437.40

igation Spaces

185.05

c Tonnage

8445.43

Destined Voyage Canada via Southampton

Surveyed while Building, Afloat, or in Dry Dock

Built under Special Survey

FT. on Rule	FT.	INS.	BREADTH	FT.	INS.	DEPTH, ACTUAL	FT.	INS.	No. of Decks with flat laid	No. of Tiers of Beams
519	0		65	0		43	0		3	3

ons of Ship per Register,	39.15	Awning or Shelter Dk.	Moulded depth, ft. 43 ins. 1	To Awning or Shelter Dk.	Round up of Uppermost Dk. Beam, Actual	4	ins.
Length 519.9 breadth 65.3 depth 30.9		Upper Deck.	Moulded depth, ft. 34 ins. 10	To Upper Dk.			

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
E, Angles, or E or L Bars, amidships	10	3 1/2	4 1/4	10	3 1/2	4 1/4	PILLARS, In 'tween Deck, size and spacing	Solid 3 1/2 - 5 1/4	Wide Spaced.		
in peaks. Bull angle	10	3 1/2	4 1/4	10	3 1/2	4 1/4	" " Hold	Centre Line Bulkhead or widely spaced square			
above D Deck	7	3 1/2	5 0 7/8	7	3 1/2	5 0 7/8	" " Quarter, 'tween Dks.,	Solid 3 1/2 - 5 1/4	Wide spaced.		
in way of Double Bottoms at Solid Floors	13 1/2	3 1/2	5 1/2	13 1/2	3 1/2	5 1/2	" " in Hold	Wide spaced square built & subjoined			
" " at intermdt. Bkts.							" " as per approved plan	Steel 1 1/2 in oil bunkers			
of Frames from centre to centre amidships		32			32		KEELSONS AND STRINGERS.				
" " length to collision bulkhead		27			27		CENTRE LINE KEELSON, Vertical Plate above				
of Frames from centre to centre in peaks		24			24		Floors, Through Plate, or Intercoastal Plate				
RESID FRAME, Angles	4	3 1/2	4 1/4	4	3 1/2	4 1/4	" " Rider Plate				
old. 5 1/2 B Spaces 4 1/2 Bunkers	10	3 1/2	4 1/4	10	3 1/2	4 1/4	" " Flat Keel Plate Angles				
in way of Double bottoms at Solid Floors	13 1/2	3 1/2	5 1/2	13 1/2	3 1/2	5 1/2	" " Horizontal Plates on Floors				
" " at intermdt. Bkts.							" " Angles or Bulb Angles				
ING, depth of girder	10	3 1/2	4 1/4	10	3 1/2	4 1/4	" " SIDE KEELSONS, Number				
RS, depth and thickness of Floor Plate							" " Angles or Bulb Angles				
at mid line for 1 length amidships							" " Plate above floors, for				
in way of Engine and Boiler spaces							" " Intercoastal Plate, for				
thickness at the ends of vessel							" " Attached to outside plating with Angle				
depth at 1/2 the half bath, as per Rule							" " BILGE KEELSON, Angles				
height extended at the Bilges							" " Intercoastal Plate, for				
RS, in Cell Double Bottoms							" " Attached to outside plating with Angle				
state if flanged (top and bottom)							" " SIDE STRINGERS, Number				
spacing of Solid							" " Two at fore end of the Fore Hold				
RE GIRDER, in Dbl. bottom, dpth. & thicknss	50 1/2	3 1/2	5 1/2	50 1/2	3 1/2	5 1/2	" " Angle				
" " Angles, Top	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2	" " Flanged on inner edge				
" " Bottom	5	5	6 1/4	5	5	6 1/4	" " Intercoastal Plate, for				
" " Single to Floors	1/6	6	5 1/2	1/6	6	5 1/2	" " Attached to outside plating with Angle				
Brackets at intermdt. frmg. with & thknss	13 1/2	3 1/2	4 1/4	13 1/2	3 1/2	4 1/4	" " Brackets fitted on every frame				
GIRDERS, number and thickness							Awning or Shelter Deck Stringer Plates,				
state if flanged (top & bottom)							" " breadth and thickness				
Angles of intercoastal girders	13 1/2	3 1/2	5 1/2	13 1/2	3 1/2	5 1/2	" " Angle on ditto				
GIN PLATE, depth (exclusive of flange)	4 1/2	4	5 1/2	4 1/2	4	5 1/2	" " Tie Plates, fore and aft, outside Hatchways				
and thickness	4 1/2	4	5 1/2	4 1/2	4	5 1/2	" " Deck * Iron or Steel, for				
Angles to outside plating	4 1/2	4	5 1/2	4 1/2	4	5 1/2	" " Wood Deck, Material & thickness				
" " to floors	13 1/2	3 1/2	5 1/2	13 1/2	3 1/2	5 1/2	" " Upper Deck Stringer Plate, breadth and				
Brackets at intermdt. frmg. with & thknss	13 1/2	3 1/2	4 1/4	13 1/2	3 1/2	4 1/4	" " thickness				
Height of Brackets above at bilge	13 1/2	3 1/2	4 1/4	13 1/2	3 1/2	4 1/4	" " Angles on ditto, No.				
RE BOTTOM PLATING, breadth and	50	50	50	50	50	50	" " Tie Plates, outside Hatchways				
thickness of Middle Line Strake	50	50	50	50	50	50	" " Deck * Material and thickness				
" " thickness in Engine and Boiler space	50	50	50	50	50	50	" " Third, Fourth & Fifth Deck Stringer Plate,				
increased 1/8 under Hatchways in No. 1, 2, 3, 4	50	50	50	50	50	50	" " breadth and thickness				
Remainder in Holds	50	50	50	50	50	50	" " Angles on ditto, No.				
MS, Awning or Shlter Dk, Single Angle,	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	" " Tie Plates, outside Hatchways				
Bulb Angle, Plate, Tee Bulb or Channel	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	" " Deck, Material and thickness				
MS, Upper Deck, Single Angle, Bulb Angle,	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	" " Bridge Deck Stringer Plate, br'dth & thickness				
Plate, Tee Bulb or Channel	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	" " Angle on ditto				
MS, Second, Third & Fourth Deck, Single	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	" " Tie Plates				
Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 x 3 1/2 x 3 1/2	37 1/2	9 x 3 1/2 x 3 1/2	37 1/2	9 x 3 1/2 x 3 1/2	37 1/2	" " Deck, Material and thickness				
Angles on upper edge	32	27	24	32	27	24	" " Bridge Deck Stringer Plate, br'dth & thickness				
MS, Poop Deck, Angle, Bulb Angle, Plate,	9 x 3 1/2 x 3 1/2	37 1/2	9 x 3 1/2 x 3 1/2	37 1/2	9 x 3 1/2 x 3 1/2	37 1/2	" " Angle on ditto				
Tee Bulb or Channel	32	27	24	32	27	24	" " Tie Plates				
Angles on upper edge	32	27	24	32	27	24	" " Deck, Material and thickness				
Spacing	32	27	24	32	27	24	" " Bridge Deck Stringer Plate, br'dth & thickness				
MS, Poop Deck, Angle, Bulb Angle, Plate,	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	8 x 3 x 3 x 1/2	4 1/2	" " Angle on ditto				
Tee Bulb or Channel	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	32 x 27 x 2 1/2	24	" " Tie Plates				
Angles on upper edge	32	27	24	32	27	24	" " Deck, Material and thickness				
Spacing	32	27	24	32	27	24	" " Bridge Deck Stringer Plate, br'dth & thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,	7 1/2	3	4 1/2	7 1/2	3	4 1/2	" " Angle on ditto				
Tee Bulb or Channel	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Tie Plates				
Angles on upper edge	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Deck, Material and thickness				
Spacing	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Bridge Deck Stringer Plate, br'dth & thickness				
Boat Deck	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Angle on ditto				
Spacing	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Tie Plates				
	5 1/2	3	3 1/2	5 1/2	3	3 1/2	" " Deck, Material and thickness				

(in feet and tenths). When the Peop is joined to the B.D., this should be distinctly stated

Official No. 145937 ; Signal Letters

How are the surfaces preserved from oxidation? Inside

How are the surfaces preserved from oxidation? Inside Cement in D.B. all holds + the Outside Garrit.
Remainders of in twice coated with paint. Boiler Room D.B. all Bilges coated except in oil bunkers.
The exception of oil fuel D.B. oil fuel storage tanks = mineral oil.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system ~~or with girders on floors~~

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	133'-4"	425'6	Fore peak tank,	—	107'.
Double bottom, under Engines and Boilers,	96'-0"	484'4	After peak tank,	—	49'
Double bottom, if under Engines only,			Deep tank, aft, <i>Mr. Santos between funnels (No. 37-54)</i>	48'-4"	167'.
Double bottom, if under Boilers only,			Deep tank, forward, <i>Mr. 3 Hold</i>	50'-8"	145'.
Double bottom, forward,	220'-6"	886'3	Other tanks, if fitted, <i>Fuel bunkers (No. 105-114)</i>	24'-0"	96'2
	Total capacity of double bottom	1796'3	(If necessary, furnish further information by sketch.)	13'-4"	4'16

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules..... Yes

Order for Special Survey No.

Date 29th Nov^r 1918

No. 498 in builder's yard.

DATES of Surveys held while building

1919: - Jan 20, 22, May 5, 8, 13, 19, 23, 26, 28, June 2, 11, 13, 19, 24, 30, July 8, 15, 24, Aug 1, 19, 21, S
 17, 25, 30, Oct 2, 7, 9, 15, 16, 21, 30, Nov 3, 11, 13, 18, 25, 27, 28, Dec 3, 9, 11, 15, 16, 1920: - Jan 5, 7, 8, 9,
 14, 20, 22, 23, Feb. 3, 6, 9, 10, 25, Mar. 4, 9, 16, 18, 19, 22, 24, 29, 30, April 13, 14, 16, 21, 22, 23, 26, 2
 May 4, 6, 8, 10, 11, 14, 18, 20, 25, 28, 29, June 2, 3, 4, 5, 8, 12, 15, 16, 17, 24, 28, 30, July 1, 5, 8, 13, 14, 1
 21, 22, 23, 26, 28, 29, Aug 10, 12, 20, 27, 28, Sept 4, 7, 16, 20, 23, 27, 28, 30, Oct 6, 7, 11, 12, 13, 15, 18, 19, 2
 29, 30, Nov 1, 4, 8, 9, 10, 15, 19, 22, 24, 25, 26, Dec 2, 6, 9, 13, 14, 15, 17, 23, 1921: - Jan 6, 11, 14, 19, 21,
 31, Feb. 1, 2, 4, 8, 15, 23, 25, Mar 1, 2, 4, 7, 9, 11, 18, 31, April 26, May 11, 27, Aug 16, 22, 23, Sept 2
 Nov. 2, 9, 17, Dec 8, 19, 1922: - Jan 9, 12, 16, 19, 20, 23, 30, Feb 2, 9, 13, 14, 17, 21, 22, 24, 27, Mar
 8, 10, 14, 15, 16, 17, 21, 22, 23, 24, 27, 29, 31, April 3, 5, 10, 12, May 10, 11, 12, 16, 17, Total No. of Visits 23
 19, 22, 27, 31, June 3,

Surveyor's Signature

Thomas, G. Shute