

RECEIVED

STEEL STEAMER or MOTORSHIP

Received at London Office

MAY 1947

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 18th April, 1947 Port of Baltimore, Maryland No. 8451

Survey held at Baltimore, Maryland Date First Survey 19th November, 1946 Last Survey 3rd April, 1947

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw "BEATRICE" (ex "Wheatland")

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) U. S. M. C. type, C2-S-AJ1 closed shelter deck State Type of Erections Bridge

TONNAGE under Tonnage Deck... 7349

CLASS 100 A1 contemplated

State if with freeboard as condition of Class

Built at Wilmington, North Carolina

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)

FEEET. 435.5 L 435

Completed 1944 Yard No. 142

Total

Breadth (greatest moulded) B 63

Builders North Carolina Shipbuilding Company

Gross Tonnage 8189

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

D 40

Owners A. H. Bull Steamship Co., Inc.

Register Tonnage 4814

1st Longitudinal Number (L x D) 17400

Managers A. H. Bull and Company, Inc.

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

2nd Numeral L x (B + D) 44805

Residence New York

REGISTERED DIMENSIONS. FEET.

Length 441.2

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

10.87

Port of Registry New York

Breadth 63.2

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

9.06

If surveyed while building, afloat, or in dry dock

Depth 36.7

Draught Moulded

afloat and in drydock

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	30		Bracket Floors, Frame	-	
" " from 3/5 length amidships to Collision bulkhead	27		" " Reversed Frame	-	
" " in peaks	24		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	48	.56
Frame Amidships, Angle, [or]	12x3 1/2 x 30.9 lbs.		" " top Angles	C.G. welded to keel	
" " Extends up to	3rd Deck		" " bottom Angles	and inner bottom	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	1	.50
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	.56	Tank top level to sides
Depth of Framing Girder	-		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	continuous	welding both sides brackets
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	8x3 1/2 x 21.4 lbs.		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	to tank top	
" " 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	-	
in No. 1 Hold	13x4 1/2 x 31.8 lbs.		Tank Side Brackets, height above base line at toe of Frame and thickness	30	.44
in Peaks, Angle, [or] Inverted A	8 4 1/2 7/16		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 1/8 5 3/4 Rule		Breadth and thickness of Middle Line Strake	51	.56
State if Frame Joggled	No		Thickness of remainder in Holds		.44
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as submitted		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?	as submitted	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	as submitted		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	8 4 .44	with 5x3 1/2 x 3/8 where shown on plan
Floors, Depth and thickness at mid-line in Holds	-		" " in Wells, Angle, [or]	7 4 3/8	
Height of Brackets at side above base line at toe of frame	-		" " in way of Bridge, Angle, [or]	-	
Middle Line Keelson, on Floors, Angles, [or]	-		Spacing	every	
" " Through Plate or Intercoastal Plate	-		Second Deck, amidships, Angle, [or] Inv.	8 4 .44	
" " Foundation Plate on Floors	-		Spacing	every	
" " Flat Plate Keel Angles	-		Third Deck, amidships, Angle, [or] Inv.	8 4 .50	
Side Keelsons, No. each side	-		Spacing	every	
" " thickness of Intercoastal Plate	-		Fourth Deck, amidships, Angle, [or]	-	
" " Angles	-		Spacing	-	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	-	
Solid Floors, thickness and spacing	.44 every frame		Spacing	-	
" " Are Frame and Reversed Frame joggled?	Floors B.W. to shell and inner bottom		Bridge Deck, Angle, [or] Inv.	6 4 .38	
Bracket Floors, breadth and thickness at middle line	-		Spacing	every	
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle, [or]	-	
			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.
PILLARS, No. of Rows <u>One at Centre of H.E. Beams</u>					Stringer Plate, breadth and thickness in way of Bridge	<u>42</u>	<u>.56</u>		
<u>No. 3 upper</u>					Thickness of Plating abreast Deck openings in way of Wells		<u>.38</u>		
<u>No. 3 lower</u>					Thickness of Plating abreast Deck openings in way of Bridge		<u>-</u>		
<u>No. 3</u>					Thickness of Plating within line of openings..		<u>.35</u>		
<u>in Holds</u>					If Sheathed, material and thickness.....	<u>No</u>			
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....	<u>42</u>	<u>.38</u>		
Plating, thickness of.....					If Plated, state thickness.....		<u>.32</u>		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....	<u>-</u>			
Stringer Plate, breadth and thickness in Wells	<u>42</u>	<u>.75</u>			If plated, state thickness.....	<u>-</u>			
" " " " in way of Bridge	<u>42</u>	<u>.75</u>			Poop Deck.				
<u>Bridge Ends</u>	<u>✓</u>	<u>.88</u>			Stringer Plate, breadth and thickness.....	<u>-</u>			
Angle in Wells	<u>Stringer welded to sheerstrake</u>				Plating, Sheathing, material and thickness.....	<u>-</u>			
Thickness of Plating abreast Deck openings in way of Wells		<u>.68</u>			Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge		<u>.68</u>			Stringer Plate, breadth and thickness.....	<u>60</u>	<u>.44</u>		
Thickness of Plating within line of openings..		<u>.38</u>			Plating, Sheathing, material and thickness.....	<u>.34</u>	<u>None</u>		
If Sheathed, material and thickness	<u>No</u>				Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....	<u>-</u>			
Stringer Plate, breadth and thickness in Wells	<u>42</u>	<u>.56</u>			Plating, Sheathing, material and thickness.....	<u>-</u>			

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?.....	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	93 ✓	.88 ✓	.88 ✓	.88 ✓									
“ DBLG. (if any)	-	-	-	-									
BOTTOM PLATING, No. of Strakes <u>A, B, C</u> }	3 ✓	.66 ✓	.75 ✓	.75 ✓									
BILGE PLATING, No. of Strakes <u>D</u> }	1 ✓	.66 ✓	.56 ✓	.75 ✓									
SIDE PLATING, No. of Strakes <u>E, F, G, H</u> }	4 ✓	.63 ✓	.56 ✓	.69 ✓									
UPPER DECK, Sheer-strake in Wells <u>K</u> }	60 ✓	.63 ✓	.75 ✓	.44 ✓									
UPPER DECK, Sheer-strake in Bridge <u>K</u> }	-	.81 ✓	-	-									
STRAKE BELOW Sheer-strake in Wells <u>J</u> }	-	.63 ✓	.75 ✓	.50 ✓									
STRAKE BELOW Sheer-strake in Bridge <u>J</u> }	-	.63 ✓	-	-									
POOP SIDE PLATING	-	-	-	-									
BRIDGE SIDE PLATING.....	1 ✓	.69 & .63 ✓	-	-									
FOREC'TLE SIDE PLATING	-	-	-	-									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	<u>7</u>
" Deck next below	<u>-</u>
As per Rule	<u>7</u>

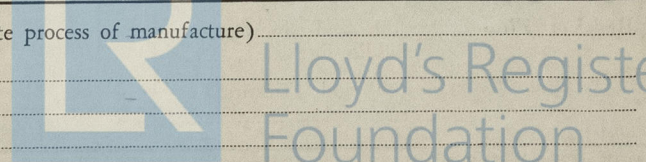
STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	<u>.25</u>	<u>4x3x.34</u>	<u>30</u>	<u>-</u>	<u>-</u>
" Second "	<u>.31</u>	<u>6x4x.40</u>	<u>30</u>	<u>-</u>	<u>-</u>
" Third "	<u>.34</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
" Holds	<u>.44</u>	<u>16x5x.44</u>	<u>30</u>	<u>-</u>	<u>-</u>
COLLISION " (in Hold)	<u>.50</u>	<u>7x4x.50</u>	<u>24</u>	<u>Two perforated flats in F.P.</u>	<u>-</u>
AFTER PEAK "	<u>.25</u>	<u>8x4x.44</u>	<u>24</u>	<u>-</u>	<u>-</u>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	<u>-</u>	<u>-</u>		
STEM	<u>C.S.</u>			
STERN FRAME				
Propeller Post	<u>C.S.</u>	<u>See plan</u>		
Rudder	<u>C.S.</u>			
Speed of Vessel				
RUDDER—Type	<u>2 pintles, streamlined</u>			
A x D				
Diam. of head	<u>12 1/8</u>	<u>✓</u>		
Mainpiece at top pintle	<u>See Plan</u>	<u>✓</u>		
" heel	<u>See plan</u>	<u>✓</u>		
how constructed	<u>Welded fabrication</u>	<u>✓</u>		
double or single plate	<u>Double, 150" thick</u>	<u>see plan</u>		
coupling, vertical or horizontal	<u>Horizontal, 6-3 1/32 dia. bolt</u>	<u>✓</u>		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<u>To the requirements of the American Bureau of Shipping</u>
	Has the Steel been tested as required by the Rules? <u>-</u>



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.
PH 14283	1st Bower.....	9430	-	137000	9100 8624	Powell stockless	Pitts. Steel	Pitts. 26/7/44 D.B. Burns
PH 14285	2nd "	9570	-	137000	9100	" "	Foundry Corp.	" 26/7/44 D.B. Burns
PA 25644	3rd "	8200	-	123760	7784	Baldt stockless	Baldt Corp.	Phila. 22/1/47 E.D. Payne
	Collective Weight.	27200			25984 24584			
PH 4005	Stream	3411	-	65000	3290 2464	Powell stockless	Pittsburgh Steel Corp.	Pitts. 5/11/43 D.B. Burns

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- Break- ing.	Supplied. Per Rule.	Length. Diam.					Length. Cir.	Length. Cir.	Length. Cir.
	Fathoms Ins.	tons lbs.	tons lbs.	Fathoms Ins.					Fathoms Ins.	tons lbs.	Fathoms Ins.
AB 10985	270 2 1/8	258240	66200	300 2 1/8	C.S. stud Mather	Linden, N. J.	13/5/44 F. Dahlin	TOWLINE.	130 5 1/2	193340	130 5 1/4
AB 11011	30 2 1/8	" "	7252	2 3/16	flash Linden, welded New Jersey	Linden, N. J.	9/6/44 F. Dahlin	HAWSERS & WARPS	2 @ 100 3 1/4	-	2 @ 100 2 3/4
			73452						2 @ 100	8 Manila	2 @ 100 8
Iron Stream Chain or Steel Wire	90 4 3/4	145100	-	120 5	6x24 Plow Steel	-	-				
					6x12 Wire						

Steering Gear, Type (Power or hand) Electric hydraulic ✓ Alternative Means of Steering Hand wheel on raised shelter deck aft

Steering Chains (Size and Test) - Windlass Electric ✓ Boats for 70 persons each ✓

Ceiling in Holds, thickness and material Double layer of wood in way of hatchways only. ✓ Cargo Battens, thickness, material and spacing 1 3/4" wood - 9" ✓

Cargo Hatchways.—(Upper Deck) Steel plates - welded connections Thickness of Hatches 1 3/4" metal navy type as originally fitted ✓

Size of Hatchways No. 1 (Fwd.) 18 x 20 No. 2 32'6" x 20 No. 3 35 x 20 No. 4 30 x 20 No. 5 30 x 20 No. 6 -

Number of Shifting Beams 3 in No. 1 : 5 each in Nos. 4 and 5 : 6 in Nos. 2 and 3

Builder's Signature _____

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 Yes

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. 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 was built for the U. S. Maritime Commission and was under survey by the American Bureau of Shipping when about 90 per cent completed, and before being classed with the A.B. she was taken over by the U.S. Navy and completed to their specification. She has now been reconverted by the U. S. M. C. to their basic specification, had she remained their property, and in order to get A.B. classification.

The new owners have made alteration to suit their special requirements.

The scantlings and arrangements have been compared with the submitted plans and, as far as seen, the workmanship and materials are good.

The special survey for classification has been completed (see Report 8).

Particulars of the existing equipment were taken from the endorsed American Bureau test certificates on board.

Oil can be carried as fuel in Nos. 1, 2, 3, 5, and 6 double bottom tanks and in deep tank aft.

The amount of Entry Fee £ : Cr. N.Y. \$50.00

Special Survey Fee..... £ \$1,525.00

Telephone 20.90

Travelling Expense, if any £ : 61.25

Photostats 2.60

Fees applied for, 21 April, 1947

Received by me, - 19 -

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

I am of opinion the Vessel should be Classed 100 A1"with full board"State whether the Vessel has been built under Special Survey to

Signature _____

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to New York.Date of issue. 12/1/48

Committee's Minute

NEW YORK APR 23 1947Character assigned 100A1 with fullS. S. BAL. 4, 47. LMC - 4, 47.Classed 4, 47T. S. 12, 46Classed for oil fuel P.P. above 150°F

NOTE - PART ELEC. WELD.
CRUISER STERN -
GY. C. - E. J. D. - J. F. -
2 WTB - 450 lbs.
ELEC. LIGHT.
CL

Lloyd's Register
Foundation

0119 1/2

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 following plans are forwarded:

SShell Plating

Shelter deck plating, beams and girders

Framing diagram and details

Centre vertical keel and longitudinals inner bottom

Inner bottom plating.

Inboard profile and double bottom

Stern frame

Rudder

Rudder stock, bearer and stuffing box

Alterations:

Hinged W.T. bulkhead doors second and third decks

Sliding cargo ports

Hinged cargo port and second deck between frames 24 and 26

Conversion No. 2 deep tanks to cargo holds

Corrected capacity profile.

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Part electrically welded, cruiser stern, Gyro compass, Echo Sounding Device, Direction Finder, Radar Equipment.

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

1st Bower

2nd "

3rd "

86.3
on shell
exp.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 77.5 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. 252036 Signal Letters A.O.V.O. Extreme Breadth over Belting — Over-all Length 459.2' (Circ. 1611) (Circ. 1703)

No. and Material of Decks

Parts of Bottom of Vessel coated with cement or approved composition Engine room fresh water tank - cement.

Particulars of composition (if fitted) and of approval —

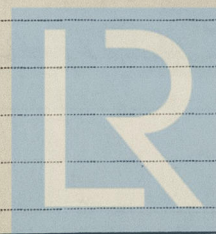
PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, No. 5 and 6	117.5 ✓	425	Fore peak tank,	—	98 ✓
Double bottom, under Engines and Boilers, F.W. 2 Coff.	50.0 ✓	—	After peak tank,	—	92 ✓
Double bottom, if under Engines only,	—	—	Deep tank, aft, frs. 141-160	47.5 ✓	345 ✓
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward, Nos. 1, 2, 3	196.75 ✓	947	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity.	364.25 ✓	1372	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building



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Total No. of Visits