

STEEL STEAMER or MOTORSHIP.

Received at London Office

15 SEP 1926

State if Report has been sent on the Freeboard of the Vessel *Yes.*State if Report is sent on the Machinery of the Vessel *Yes.*Date of completion of report *7th September, 1926.*Port of *Hamburg.*No. *17012*Survey held at *Kiel*Date First Survey *29th Sept. 1925*Last Survey *28th August 1926.*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Steel Twin Screw Motor Vessel "GALLIOPE"* Machinery aft - Ordinary stern.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Shelter-deck - Longit. Framing - Car. Petrol in Bulk* State Type of Erections *Disc. Bridge & Fun.*TONNAGE under Tonnage Deck... *8417.39*CLASS ** 100 A1.*State if with freeboard as condition of Class *Yes*Built at *Kiel*

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 469'-6"*Launched *5th June, 1926.* Yard No. *675.*

Total

Breadth (greatest moulded) *B 63'-0"*Builders *Howaldtswerke.*Gross Tonnage *8744.13*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 35'-6"*Owners *Baltisch-Amerikanische-Petroleum Import-Gesellschaft.*Register Tonnage *5026.03*1st Longitudinal Number (L x D) *B x D = 90.5*Managers *No*

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

2nd Numeral L x (B + D) *= 42499*Residence *Danzig.*

REGISTERED DIMENSIONS.

Mtr. FEET.

Length *143.34 = 470.26*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.23*Port of Registry *Danzig.*Breadth *19.27 = 63.22*Proportions—Depth to Length—Uppermost continuous deck to top of keel *Do.*

If surveyed while building, afloat, or in dry dock

Depth *10.76 = 35.30*Draught Moulded *26'-0"**Yes! On Stocks, afloat and in dry-dock.*

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	See	Long Fram.		<i>✓</i>	Bracket Floors, Frame				<i>✓</i>
" " from $\frac{1}{2}$ length to Collision bulkhead	No			<i>✓</i>	" " Reversed Frame				<i>✓</i>
" " in peaks		610		<i>✓</i>	" " Vertical Struts				<i>✓</i>
Motor space aft		648	686	761	Centre Girder, depth and thickness amidships	1220	x	14	<i>✓</i>
Bunkers			990		" " top Angles	90	90	14	<i>✓</i>
SIDE FRAMING.					" " bottom Angles	150	150	14	<i>✓</i>
Frame Amidships, Angle, [or]	See	Long Fram.		<i>✓</i>	Side Girders, No. each side and thickness	10.5	To	14	<i>✓</i>
" " Extends up to	No			<i>✓</i>	Margin Plate depth (excl. of flange) and thickness		14		<i>✓</i>
Reversed Frame Amidships, Angle	No			<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem				<i>✓</i>
" " Extends up to	No			<i>✓</i>	" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem				<i>✓</i>
Depth of Framing Girder	No			<i>✓</i>	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem				<i>✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	No			<i>✓</i>	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem				<i>✓</i>
" " Second 'tween Decks, Angle, [or]	No			<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	Motor	Seatings.		<i>✓</i>
" " Third " Motor space aft		230	90	12	INNER BOTTOM PLATING.				
" " aft		230	90	12	Breadth and thickness of Middle Line Strake	1400	x	14	<i>✓</i>
Framing in Peaks, Angle, [or]		200	85	12	Thickness of remainder in Holds Motor space		14		<i>✓</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22	x	132	<i>✓</i>	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?		<i>Yes</i>		<i>✓</i>
" " " "	22	x	120	<i>✓</i>	BEAMS.				
State if Frame Joggled	No			<i>✓</i>	Uppermost Continuous Deck, amidships in Wells, Angle, [or]	See	Long Fram.		<i>✓</i>
3 Springers	1050	x	11		" " in way of Bridge, Angle, [or]				<i>✓</i>
3 Ties of Beams	230	90	12		Spacing				<i>✓</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	3	Web Fram.		<i>✓</i>	Second Deck, amidships, Angle, [or]				<i>✓</i>
Space of Longit. form	760	To	530		Spacing				<i>✓</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars	3	Shell Strake		<i>✓</i>	Third Deck, amidships, Angle, [or]	200	75	10	<i>✓</i>
SINGLE BOTTOM.					Spacing	160	70	9	<i>✓</i>
Floors, Depth and thickness at mid-line in Holds	1525	x	12.5	<i>✓</i>	Fourth Deck, amidships, Angle, [or]				<i>✓</i>
Height of Brackets at side above base line at toe of frame	2780			<i>✓</i>	Spacing				<i>✓</i>
Middle Line Keelson, on Floors, Angles, [or]	Centre Line	B x d.		<i>✓</i>	Poop Deck, Angle, [or]	100	75	9.5	<i>✓</i>
" " Through Plate or Intercostal Plate	No			<i>✓</i>	Spacing		686		<i>✓</i>
" " Foundation Plate on Floors	No			<i>✓</i>	Bridge Deck, Angle, [or]	See	Long Fram.		<i>✓</i>
" " Two Flat Plate Keel Angles	150	150	15.5	<i>✓</i>	Spacing		No		<i>✓</i>
Side Keelsons, No. each side	one			<i>✓</i>	Forecastle Deck, Angle, [or]	200	85	12	<i>✓</i>
" " thickness of Intercostal Plate	1525	x	11	<i>✓</i>	Spacing		610	To	686
" " Angles	Two Top	90	75	10					
DOUBLE BOTTOM, aft in Motor space	One Bottom	200	90	11					
Solid Floors, thickness and spacing	Every Frame	10.5	686-761-990	<i>✓</i>					
" " Are Frame and Reversed Frame joggled?	No			<i>✓</i>					
Bracket Floors, breadth and thickness at middle line	90	90	11	<i>✓</i>					
" " breadth and thickness at margin plate	Rev. Frame	double		<i>✓</i>					

PILLARS AND DECKS.									
PILLARS, No. of Rows.	Centre Line B'ns.	and Topside B'ns.	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	Stringer Plate, breadth and thickness in way of Bridge	Thickness of Plating abreast Deck openings in way of Wells
			Forward	Aft		Forward	Aft		
FO	216	8	1800					2080 x 11	10.5
FT	210	85.10	2700					10.5	10.5
AO	115/100	8	2400					10.5	10.5
AO	220/100	10	2400					10.5	10.5
AI	180.90	12	2400					10.5	10.5
FT	300.100	3/4	2700					10.5	10.5
AO	300	10	2400					10.5	10.5
AO	320	15	2400					10.5	10.5
AO	160	8	2600					10.5	10.5
Centre Line Bulkhead.	Horizontal from F	to 6	300	100	10/16	630		1600 1300 11	10.5
Stiffeners and Spacing.	Horizontal from F	to 6	220	85	11	760		9	10.5
Plating, thickness of	Bridge Transv. Space	Centre Line B'ns.	4000	12.5	10	18		9	10.5
Topside B'ns.	11	13						9	10.5
STRINGERS AND DECKS.	Uppermost Continuous Deck.	Shelter	2035	x	22.5			1600 1300 11	10.5
Stringer Plate, breadth and thickness in way of Wells	Forward	2035	x	27.5				1600 1300 11	10.5
Angle in Wells	160	160	19					1600 1300 11	10.5
Thickness of Plating abreast Deck openings in way of Wells	16.5							1600 1300 11	10.5
Thickness of Plating abreast Deck openings in way of Bridge	16.5							1600 1300 11	10.5
Thickness of Plating within line of openings.	12							1600 1300 11	10.5
Middle Line Strake	22.5							1600 1300 11	10.5
If Sheathed, material and thickness	No 7							1600 1300 11	10.5
Second Deck. Upper	Stringer Plate, breadth and thickness in Wells.	2080	x	11				1600 1300 11	10.5

SHELL PLATING.													
SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.				BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No. 7.			No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	RIVETS.					
								Diag.	Spacing cr. to cr.		Diag.	Spacing cr. to cr.	
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.					
FLAT PLATE KEEL	1275	26.5	18.8	18.8	✓	Double	28	98	3	28	112	Double Strap	
" DBLG. (if any)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes	1700	16.75	16.75	14.5	✓	Double	22	77	4 Ends 3	22	88	Lapped	
BILGE PLATING, No. of Strakes	1960	16.75	13.5	15.0	✓	Do	22	77	4	22	88	Do	
SIDE PLATING, No. of Strakes	1560	16.75	13.5	17.7	✓	Treble	22	77	4 Ends 3	22	88	Do	
Upper Deck, Sheer-strake in Wells	2080	16.75	13.5	17.7	✓	Double	28	98	3 Ends 3-4	22	88	Do	
Upper Deck, Sheer-strake in Bridge ...	1720	23.5	12	12	✓	Double	28	98	3 Ends 3-4	28	112	Strapp.	
STRAKE BELOW Sheer-strake in Wells	1720	28.5	✓	✓	✓	Double	28	98	3	28	112	Double Strap	
STRAKE BELOW Sheer-strake in Bridge ...	1960	18.75	12.5	12.5	✓	Double	25	87	4 Ends 3	22	77	Lapped	
POOP SIDE PLATING	1960	18.8	✓	✓	✓	Double	25	87	4	25	100	Do	
BRIDGE SIDE PLATING ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
FORECASTLE SIDE PLATING	2460	12.5	✓	✓	✓	Double	28	114	2	19	65	Lapped	
	1450	✓	11	✓	✓	Single	22	90	2	19	75	Do	
							19	75					

WATERTIGHT BULKHEADS.									
Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c) 18									
Deck next below 1									
As per Rule yes!									
		Plating Thickness.		STIFFENERS.					
				VERTICAL.			HORIZONTAL.		
				Scantlings, Spacing.			Scantlings, Spacing.		
MIDSHIP BULKHD, Upper tween decks		9-9.5	5/16-38-48	760	✓	✓			
" " Second "		9-9.6	3/16-38	2240	5/16-38-105	760			
" " Third "		10-10.5	1/2-150-118	2280	1/2-150-118	760			
" " No 4 "		11-12.5	1/2-150-118	760	5/16-38-11	760			
" " No 5 "		7	chain	1820	5/16-75-9	640			
COLLISION (in Hold)		11-13	Locker	1820	5/16-75-10	510			
AFTER PEAK		8.5-11.5	5/16-98-14	760	✓	✓			

FORGINGS AND CASTINGS.				
	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Forging	280-76		✓
STERN FRAME	Propeller Bushings	Castings	560-180	✓
	Rudder Post	Castings	Channel 400-350	✓
RUDDER—A×D	1012	✓	✓	✓
Speed of Vessel	11 Kts.	Forg. Head	317-305	✓
RUDDER mainpiece at head	Forg. Dia.	385-305		✓
" " heel	Forg. Dia.	254-233		✓
" " how constructed		Built w. Arms.		✓
" " double or single plate coupling, vertical or horizontal		Single 29		✓
		Horizontal	✓	✓

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.)

All steel material used in the construction of this vessel have been made at Works approved and tested by the Society's Surveyors in accordance with the Rules. The Freeboard approved by the Committee have been marked on the vessels sides, verified and cut in.

The draft corresponding to the assigned Summer Freeboard is 26'-3 1/4" as given on Builders deadweight and displacement scale.

All Anchors and Chain Cables have been compared with Certificates and were found in good order. General Equipment and general Outfit found satisfactory.

Sister Vessels: Howaldts No 673 "Thalia" Ham. Rept. No 16818.

Howaldts No 674 "Urania" Ham. Rept. No 16908.

A. Christensen, Engineer.

Attached: 1. Table with Longitudinal Framing.

2. Inter. Certificate.

3. 12 Test Certificates.

Plans: 1. Section.

2. Profile & Decks.

3. Aft Framing.

4. Angles connecting sid Transverses to shell.

5. Modification to angles attaching Transverses to shell.

6. Oiltight Bulkheads.

7. Engine Seatings.

8. Seating for Main-cargo-oil-pumps.

9. Sternframe and Rudder.

10. Propeller-brackets.

10^a. Propeller-shaft supports at ships sides.

11. Section as built } will follow.

12. Amended Rudder }

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

1st Bower Head: W = 50.0.23; Drop = 12'-0"; LR 3659 - K.H. 18.10.25 Düsseldorf - Hauss
2nd " Head: W = 49.3.20; Drop = 12'-0"; LR 39 - P.K. 18.4.25 Düsseldorf - Krützfe
3rd " Head: W = 50.1.17; Drop = 12'-0"; LR 3661 - K.H. 18.10.25 Düsseldorf - K. Hauss

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop $\frac{1}{4}$ ft., R.Q.D. $\frac{1}{4}$ ft., Bridge 33.5 ft., Forecastle 38.7

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

No. and Material of Decks (this information is to be given as it should appear in the Register Book) Two Decks, steel

Official No. ; Signal Letters H.G.L.D. Is bottom of Vessel coated with cement No if not

particulars of composition Cargo holds not coated. - Cofferdams, Double bottom and Peak-Tanks Cement & Asphalt.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	21	32	Fore peak tank,	23	16
Double bottom, under Engines and Boilers,			After peak tank,	20	7
Double bottom, under Engines only, and Bunker	72	255	Deep tank, aft,	36	27
Double bottom, if under Boilers only,			Deep tank, forward,	13.3	9.5
Double bottom, forward,			Other tanks, if fitted, 4 Cofferd. 7 3'-9"		14.6
Total capacity of double bottom		287	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 104.

Date 23 March 1925.

Dates of Surveys held while building

1925: June 6 - July 14 - Sept. 29 - Oct. 6 - Nov. 3 - 17 - 24 - Dec. 1 - 4 - 8 - 11 - 14 - 18 - 21
1926: Jan. 2 - 5 - 12 - 19 - 26 - Febr. 3 - 5 - 9 - 25 - 26 - Mch. 3 - 16 - 22 - 23 - 25 - 31 -
April 6 - 7 - 8 - 10 - 14 - 15 - 17 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 28 - 29 - 30 - May 3 - 4 - 5
7 - 8 - 11 - 12 - 14 - 17 - 20 - 31 - June 3 - 8 - 11 - 15 - 21 - 24 - July 16 - 30 - Aug 3 - 10 - 17 - 24

Total No. of Visits 7

of bearings, adjacent to the Crank, measured from inner edge to inner edge. 780 in. Is there a bearing between each crank

"CALLIOPE" PARTICULARS OF LONGITUDINAL FRAMING. Ham. Rpt. 17012

7275 No 675.

FRAMING.

L, L or C

Bridge 'tween Decks ...

Uppermost Continuous

Heizer-deck. No. 1

" 2

" 3

" 4

U.D.K. " 5

" 6

" 7

" 8

" 9

" 10

" 11

" 12

" 13

" 14

" 15

" 16

Amidships

At Ends

Tank Top Longitudinals

Bottom

Longitudinals

Amidships

At Ends...

Transverses.

Depth and Thickness

Face Angles

Lugs to Shell

Depth and Thickness

Face Angles

Lugs to Shell

Depth and Thickness

Face Angles

Lugs to Shell

Brackets

Transverse Frames

if jogged or liners.

Bridge Deck

Upper Sheer

Second Upper

Third aft

Transverse

Transverse

Beams

Beams

Beams

Beams

Beams

Beams

Beams

Beams

AMIDSHIPS.

ENDS.

AMIDSHIPS.

ENDS.

RIVETING.

Rivets in Longitudinal Frames.

Spacing of Rivets on each side of Transverses and Bulkheads.

Rivets in Brackets to Bulkheads.

In Ship.

In Ship.

Per Rule or as approved.

Per Rule or as approved.

Inches.

Inches.

Number.

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