

PILLARS AND DECKS.

		No. 101. WORKS IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows. <i>Two Longitudinal Bulkheads</i>					
STIFFENERS					
"	WORKS IN SHIP , Size and Spacing	250.90.	11	✓	
"	"	280.90.	12	✓	
"	"	300.90.	13	✓	
"	PLATING	12.5 -	9.5	✓	
"	in Hold FORW.	381.13.	102.16	✓	
"	"	250.90.	11	✓	
Centre Line Bulkhead, DEPT. FORW.		280.90.	12	✓	
Stiffeners and Spacing		<i>every frame</i>		✓	
Plating, thickness of		12 - 10		✓	
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness		WORKS 2030.	21.5	✓	
" " " " in way of Bridge		2030.	26	✓	
" Angle WORKS		180.	180.20	✓	
Thickness of Plating abreast Deck openings		21.5		✓	
WORKS IN SHIP					
Thickness of Plating abreast Deck openings					
in way of Bridge					
Thickness of Plating within line of openings		15.5		✓	
If Sheathed, material and thickness		<i>not sheathed</i>		✓	
Second Deck, IN ENGINE SPACE					
Stringer Plate, breadth and thickness		WORKS 990.	10.5	✓	
Third Deck.					
Stringer Plate, breadth and thickness					✓
If Plated, state thickness					✓
Fourth Deck.					
Stringer Plate, breadth and thickness					✓
If Plated, state thickness					✓
Poop Deck.					
Stringer Plate, breadth and thickness		990.	9.5	✓	
			9.5 - 6.5	✓	
Plating, Sheathing, material and thickness		65% Oregon Pine		✓	
Bridge Deck.					
Stringer Plate, breadth and thickness		1090.	11	✓	
			9		
Plating, Sheathing, material and thickness		<i>not sheathed</i>		✓	
Forecastle Deck.					
Stringer Plate, breadth and thickness		920.	9.5	✓	
			9		
Plating, Sheathing, material and thickness		<i>not sheathed</i>		✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>yes; at side</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.	
	<i>THICK. IN. OR.</i>	<i>THICK. IN. OR.</i>	<i>THICK. IN. OR.</i>	<i>THICK. IN. OR.</i>		<i>THICK. IN. OR.</i>	<i>THICK. IN. OR.</i>		Inches.	Inches.		
FLAT PLATE KEEL	1540	26.0 ✓	22.5 ✓	21.0 ✓		Double	28	4 d. ✓	Flush welded	✓	✓	Flush welded
„ DBLG. (if any) ✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes	2300 2290 2210 2210	20.0 ✓ 20.0 ✓ 20.0 ✓ 19.5 ✓	21.5 ✓ 21.5 ✓ 21.5 ✓ 13.0 ✓	16.5 ✓ 15.0 ✓ 14.0 ✓ 14.0 ✓	(16.5) bow plating.	Double	25	4 d. ✓	Flush welded	✓	✓	Flush welded
BILGE PLATING, No. of Strakes	1900	17.5 ✓	15.0 ✓	17.5 ✓		Double	22	3 1/2 d. ✓	" "	✓	✓	" "
SIDE PLATING, No. of Strakes	2180	16.5 ✓	12.0 ✓	12.0 ✓		Double	22	3 1/2 d. ✓	" "	✓	✓	" "
UPPER DECK, Sheer-strake in bridge	2010	29.0 ✓	14(8) ✓	12.0 ✓		Double	28	3 1/2 d. ✓	" "	✓	✓	" "
UPPER DECK, Sheer-strake in Bridge ...	2010	35.0 ✓	✓	✓		Double	28	3 1/2 d. ✓	" "	✓	✓	" "
STRAKE BELOW Sheer-strake in bridge	2110	22.0 ✓	14.0 ✓	12.0 ✓		Double	25	3 1/2 d. ✓	" "	✓	✓	" "
STRAKE BELOW Sheer-strake in Bridge ...	2110	22.0 ✓	✓	✓		Double	25	3 1/2 d. ✓	" "	✓	✓	" "
POOP SIDE PLATING	✓	✓	15.0 ✓	10.6 ✓		Single	22 19	4 d. 4 d.	" "	✓	✓	" "
BRIDGE SIDE PLATING ...	✓	11.0 ✓	✓	✓		Double	22	4 d. ✓	" "	✓	✓	" "
FOREC'TLE SIDE PLATING	✓	✓	11.0 ✓	✓		Single	22 19	4 d. 4 d.	" "	✓	✓	" "

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
Extending to Upper Deck (Sec. 3 c)							
,, Deck next below							
As per Rule							
STIFFENERS.							
Plating Thickness.	VERTICAL.		HORIZONTAL.				
	Scantlings.	Spacing.	Scantlings.	Spacing.			
CENTRE TANKS							
MIDSHIP BULKHEAD							
" "							
SIDE TANKS							
" "							
" "							
COLLISION							
AFTER PEAK							
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)							
Has the Steel been tested as required by the Rules?							

PARTICULARS OF LONGITUDINAL FRAMING.

First Entry
Hamburg Report Nr. 23050
Germania

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.					
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
		Inch.	Inch.	Inch.	Inch.	Inch.	Inch.		Diam.	Spang.		Number.	Diameter.	
Framing of L, [or C													
Frames in Bridge 'tween Decks	...													
Frames from Uppermost Continuous Deck	No. 1													
	" 2													
	" 3													
	" 4													
	" 5													
	" 6													
	" 7													
	" 8													
	" 9													
	" 10													
	" 11													
	" 12													
	" 13													
	" 14													
	" 15													
	" 16													
Spacing of Longitudinal Frames	Amidships													
	At Ends													
Bottom	Longitudinals													
Bottom	Bottom													
Spacing of Longitudinals	Amidships	870			870									
	At Ends	870			870									
Transverses.														
Side (in 'tween Decks)	Depth and Thickness													
	Face Angles													
	Lugs to Shell*													
Side (in Hold)	Depth and Thickness													
	Face Angles													
	Lugs to Shell*													
Bottom CENTRE TANKS	Depth and Thickness	1600	12.5		1600	12.5								
	Face Angles	300	90	16.5	300	90	16.5							
	Lugs to Shell	150	150	12	150	150	12							
	" " Back Bars	90	90	12	90	90	12							
	Brackets	as per plan			as per plan									
Spacing of Transverse Frames		2920			2920									
	* State if jogged or liners.													
Longitudinal Beams of	Bridge Deck													
	Upper	200	90	13	200	90	13							
	Second													
	Third													
	Spacing.													
	Transverse Beams.													
	Plate.													
	Face Angles.													
	Any Departure from Approved Plans to be Noted.													

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

EQUIPMENT No 51850												LETTER <i>et</i>		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.					
2177	1st Bower ...	83	2	2	1	1	1	60	10	0	0	1	Union Hookless	Dürkumund-Händler	Dürkumund, 17.6.37 J.Q.		
2178	2nd „ ...	83	1	8	1	1	1	60	10	0	0	1		„		„	„ 17.6.37 J.Q.
2179	3rd „ ...	83	2	4	1	1	1	60	10	0	0	1		„		„	„ 17.6.37 J.Q.
	Collective weight.	250	1	14	1							244 1/2		✓			
2180	Stream	25	3	11	16	3	14	25	10	1	7	25	1	„ Ordinary	„	„ 17.6.37 J.Q.	

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-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.	
1547	303	2 7/8	116	163	1075.2:11	989		300	2 9/16	Shd Link	Gulchhoff-Scherbrade	8.10.37 J.Q.	Sp. Steel	130	6	106200	130	5 1/2	
														2a.			2a		
														100	2 3/4	15950	100	2 3/4	
														2a.			2a		
														120	3 1/2	40750	100	2 3/4	
Stream	120	5 1/2			93150 kg			120	4 3/4	Spec. Flechtst. steel wire	Hoesch-Köln	Dürkumund 4.3.37 J. Jørgen							

Steering Gear, Type (Power *Hand*) *Steam, efficient* Alternative Means of Steering *Hand and block & tackle, eff.*

Steering Chains (Size and Test) *no chains* Windlass *steam, efficient* Boats *2 dingies, one fitted with motor.*

Ceiling in Holds, thickness and material *65 mm Pine* Cargo Battens, thickness, material and spacing *150.50 mm, 230 mm spacing*

Cargo Hatchways.—(Upper Deck) *Steel plates - angles* Thickness of Hatches *Steel covers 12 mm, 15 mm thick*

Size of Hatchways No. 1 (Fwd.) *4800 x 3400* No. 2-31 *1068* No. 3 *-* No. 4 *-* No. 5 *-* No. 6 *-*

Number of Shifting Beams and/or Fore and Afters *none.*

DEUTSCHE WERFT
AKTIENGESELLSCHAFT
Builder's Signature *W. Korte*

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 *Motorship*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *oil tanker* 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). *Oil fuel flash point above 150° F.*

This vessel has been built in accordance with the approved plans, the requirements embodied in the Secretary's Letters and in all other respects in conformity with the Rules and Society's Requirements for "Carrying Petroleum in bulk".

The workmanship is of the best description for this type of vessel's, all parts conforming well with each other and efficiently riveted together.

The requirements of the Society's regulations for the Application of Electric Arc Welding to Ship construction have been complied with.

The peak tanks, double bottom tanks, deep tank, oil cargo tanks, oil fuel bunkers and cofferdams have been fitted and tested as required by the Rules.

Air and sounding pipes of all tanks comply with the Rules.

The painting arrangement and the strengthening of the bottom forward have been carried out as approved.

The amount of Entry Fee *RM 220.-* Fees applied for, *10.2. 1939.* (Special notations, where part of class, to be stated.)

Special Survey Fee *RM 13482.75* Received by me, *24.3.1939*

Freight RM 400.- I am of opinion the Vessel should be Classed *+ 100 A 1*

Travelling Expenses, if any RM 107.25 *"Carrying Petroleum in bulk" Long it. framing at bottom*

State whether the Vessel has been built under Special Survey *yes* Signature *Th. Goering.*

Certificate to be sent to *Hamb. Office* Date of issue *27/3/39* Surveyor to Lloyd's Register of Shipping.

FRI. 24 FEB 1939

Committee's Minute

Character assigned *+ 100 A 1*

Carrying Petroleum in Bulk

Lloyd's ARCP

Wille Bx

2020
2DB 171 lb
2DB (WT) 171 lb
Oil Eng

Lloyd's Register Foundation

The Surveyor "are requested not to write on or below the Committee's Minutes."

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 steel material used in the construction of this vessel has been made at works approved by the Committee and tested by the Society's Surveyors. ✓
Anchors and chain cables compared with the Certificate and found in order. ✓
The steel and assigned by the Committee has been marked and cut in on vessel's sides, verified same and found in order.
The Rudder is of special construction: Electric welded Simplex Balance Rudder.

The approved plans are being retained in this Office for use in connection with the sister vessels Nos. 217, 227 & 228.

Plans showing vessel as built:

Midship section.

Profile and decks.

Oil light transverse bulkhead.

Two Tachometer Certificates and 4 Test Certificates attached.

Sister vessel "Nuova Granada" Yard No. 181 Ham. Report: No. 22304 dated 22nd April 1937.

PARTICULARS OF ELECTRIC WELDING (if employed) The Rules for the application of electric arc welding to ship construction have been complied with and the electrodes used for parts of primary structural importance are approved by the Committee and comply with the Regulations & Test set forth in Section 4 clause 7. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Machinery aft; Cruiser Stern; "Longitudinal framing at bottom and deck in centre tanks"; "Butts of shell and deck plating electric welded"; Wireless; Direction Finding Apparatus, Echo Sounding Apparatus. ✓

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

1st Bower	Head: Height: 55: 0: 23	Feet: 12	Feet: 12	No. 890	10.6.37	J. Bussell
2nd "	Head: " : 54: 3: 29	Feet: 12	Feet: 12	No. 896	10.6.37	"
3rd "	Head: " : 28: 1: 16	Feet: 12	Feet: 12	No. 895	10.6.37	"
	Head: " : 55: 2: 7	Feet: 12	Feet: 12	No. 892	10.6.37	"
	Head: " : 27: 3: 25	Feet: 12	Feet: 12	No. 894	10.6.37	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 123.1 ft., R.Q.D. — ft., Bridge 38.3 ft., Forecastle 60.1 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 L K C X Extreme Breadth over Belting — Over-all Length 522.0 ✓

No. and Material of Decks 1 dk. (Steel) 2nd dk. (Steel) in Machinery space

Parts of Bottom of Vessel coated with cement or approved composition Fore & after peak tanks and fresh water tanks in engine space, cement, cofferdams painted, oil tanks not coated.

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,	✓	✓	Fore peak tank,	24.6	129 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	18.0	96 ✓
Double bottom, if under Engines only,	79 ✓	261 ✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	27	338 ✓
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. 219

Date 12.1.38.

Dates of Surveys held while building

1938: August 17, 23; September 1, 5, 9, 14, 20, 24, 28; October 3, 8, 13, 19, 22, 25, 28. November 1, 2, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15, 18, 19, 21, 22, 23, 24, 25, 28, 29; December 3, 8, 12, 19, 23, 30.
1939: January 2, 4, 9, 13, 17, 19, 20, 25, 27, 28, 31.

Lloyd's Register
Total No. of Visits 54
Foundation