

State if Report is sent on the Machinery of the Vessel.....Yes

No. 12

1936

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Complete Superstructure with Tonnage Opening*

State Type of Erections Poop & Forecastle

CLASS **+**100A1

State if with freeboard } Yes  
as condition of Class }  
FEET

Built at Danzig

**Length** from fore part of stem to after part of stern } **L** 483.8  
post on summer. L.W.L. See Sec. 3 (1a) }

Launched 15th August 1936 Yard No. 135

**Total** ..... 6426

**Breadth** (*greatest moulded*) ..... B 63.0

Builders <sup>4</sup> F. Schichau & m. b. H.

Gross Tonnage 4229

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } D 39.5

*D/S A/S Den Norske Afrika og Australielinje, Wilhelmsen  
Owners D/S AS, A/S Tonsberg, A/S Tankfart I, A/S Tankfart II, A/S Tankfart IV,  
A/S Tankfart VI.*

**Register Tonnage** 4425

**1st Longitudinal Number (L × D).....=19/50**

Managers Wilhelm Wilhelmsen

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

**REGISTERED DIMENSIONS.**

**Framing Depth "d,"** at middle of length. See } 18.75  
Sec. 3 (1d) .....

Residence Toldbodgaden 20, Oslo

Length 493.6

**Proportions**—Depth to Length—Uppermost con-  
tinuous deck to top of keel

Port of Registry *Tönsberg*

**Breadth** 63.3

Do. Long Bridge to top } ✓

*If surveyed while building, afloat, or in dry dock*

Depth 29.0

**Draught Moulded** ..... 24.53

While building, afloat and in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

2m, 8.28. T.

W264-0277 112



## PILLARS AND DECKS.

	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>				
"    in 'tween Decks, Size and Spacing.....				
"    "				

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <u>Joggled</u>			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 mm	inches mm	inches mm	inches mm			inches mm	inches mm		inches mm	inches mm	
FLAT PLATE KEEL .....	1410	22.5	21.5	20	✓	double	25	100	ELECTRICALLY WELDED			
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of of Strakes .4.....	2087 2185 2100 2050	17.5	21.5 23.5	14	✓	double	22	88	4	22	88	Lapped
BILGE PLATING, No. of Strakes .....	1792	17.5	17.5	15.5	✓	"	"	"	4	22	88	"
SIDE PLATING, No. of Strakes .....5.....	1885 1777 1825 1910 2175	17.0	23.5 14	14	✓	"	"	"	3	22	77	"
SHELTER Upper DECK, Sheer- strake in Wells.....	1345	22	14.5	14.5	✓	"	25	100	4	25	100	"
UPPER DECK, Sheer- strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer- strake in Wells.....	2100	20	14	14	✓	double	22	88	4	See letter		Lapped
STRAKE BELOW Sheer- strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
POOP SIDE PLATING .....		10.5			✓	single	19	75	1	19	66	Lapped
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING		11			✓	single	19	75	1	19	66	Lapped

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4	See letters
Extending to SHELTER Upper Deck (Sec. 3 c) .....	1	(COLLISION BULKHEAD)
" Deck next below .....	6	
As per Rule .....	8	

## STIFFENERS.

	Plating Thickness.				
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " " "					
COLLISION " (in Hold) .....					
AFTER PEAK " " .....					

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....				
STEM SHOE PIECE .....	Casting		F. Schichau, Bilbing	
STERN FRAME { Propeller Post .....				
{ Rudder " .....	Casting	To plan	F. Schichau Bilbing	
RUDDER—A x D x 100 = 22.57.				
Speed of Vessel .....				
RUDDER mainpiece at head ...	Forged	Dia 362 mm	Bochumer Verein	
" " heel ...				
" how constructed .....				Stream line rudder electrically welded
" double or single plate		double plate 13 mm		
" coupling, vertical or horizontal .....		horizontal		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) August Thyssen-Hütte A.G., Hamborn  
 Ruhrort-Meiderich, Gutehoffnungshütte, Oberhausen - Neu-Oberhausen, Dortmund-Hörder Hüttenverein A.G., Hörde, Gebr. Knipping & M. J. H., Altema, W. Mannes-  
 mann-Gesellschaft, Düsseldorf-Kath., Eisenkirchen-Schalke, Hückingen, Deutsche Rohrenwerke A.G., Dinslaken, Mühlheim (Ruhr), Bochumer Verein A.G., Bochum, Deutsche Werke Kiel A.  
 Has the Steel been tested as required by the Rules? Yes



## HAWSERS AND WARPS.

W264-0277 22



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.)

PILLARS

WATERTIGHT BULKHEADS

POSITION	No. OF ROWS	DIMENSIONS
UNDER SHELTER DECK:		
Frame Nos. -9, -7, 13, 15, 36, 38, 42, 44	1	89 x 7.25 x
61, 63, 65, 93, 122, 142, 149, 151	1	" x " x
114, 116, 118, 120, 185,	1	90 solid
168, 171, 173, 181½,	1	127 x 7.5 x
109	2	159 x 7.5 x
47, 129, 139, 155	2	178 x 7.75 x
11, 32, 57, 101	2	203 x 8.25 x
UNDER UPPER DECK:		
Frame Nos. -9, -7, -5, 185	1	90 solid
181½	1	159 x 7.25 x
155	2	305 x 10.5 x
109, 119, 139	2	330 x 14
129	2	355 x 14
20, 47, 57	2	410 x 15
32	2	460 x 15.5
75, 82	2	150 x 150 x 18
UNDER SECOND DECK:		
Frame Nos. 155	2	355 x 14
119	2	460 x 15.5
109, 139	2	480 x 16
129	2	510 x 17.5
UNDER TUNNEL DECK:		
Frame Nos. 35, 45, 59	1	100 solid
26	1	150 "

No. 10. (AFTER PEAK BHD.)  
PLATING: 12 to 7.5  
VERT. STIFFS: 1300 x 14 SPACED 536 to 610  
240 x 12 " 610  
200 x 10  
160 x 8

No. 41.  
PLATING: 8.5 to 6.5  
VERT. STIFFS: 1300 x 14 } SPACED 760 to 810  
240 x 12 }

No. 64.  
PLATING: 11 to 6.5  
VERT. STIFFS: 1240 x 12 SPACED 800

SIDES OF RECESS BETW. NOS. 64 & 67.  
PLATING: 11 to 6.5  
VERT. STIFFS: 1240 x 12 SPACED 830

No. 67.  
PLATING: 12 to 6.5  
VERT. STIFFS: 1300 x 14 SPACED 625  
240 x 11 " 700 x 810  
INTW. DK. WINGS: 130 x 6 SPACED 700 to 730

No. 90 & 101.  
IN LOWER HOLD:  
PLATING: 12 to 7.5  
VERT. STIFFS: 1300 x 16.5 } SPACED 610  
220 x 11 }  
2 WEBS: 760 x 10, FACE 300 x 24  
1 HORIZ. GIRDER 2715 ABOVE TANK TOP: 760 x 10, FACES 14 to 2  
140 x 14

IN LOWER TWEEN DECK:  
PLATING: 7.5  
VERT. STIFFS: 1220 x 11 } SPACED 610  
160 x 8 }

No. 144.  
IN LOWER HOLD:  
PLATING: 12.5 to 7.5  
VERT. STIFFS: 300 x 14 SPACED 760 to 810  
IN LOWER TWEEN DECK:  
PLATING: 7  
VERT. STIFFS: 1220 x 10 } SPACED 760 to 810  
130 x 6.5 x 8 }  
130 x 6 }

No. 175. (COLLISION BHD.)  
IN F.P. TANK:  
PLATING: 13 to 8.5 to 10  
VERT. STIFFS: 1180 x 9 SPACED 610, 450 to 700  
HORIZ. PLATING AT STRINGERS  
BETW. F.P. TANK TOP & SHELTER DECK  
PLATING: 9 to 8. IN UPPER TWEEN DECK WINGS 7  
VERT. STIFFS: 1160 x 8 SPACED 750 to 610  
130 x 7 " 610

x Requirements for reduced thicknesses as per Secretary's letter of 24th Dec. 1935, initial M, complied with.

NOTE: On the 18th June 1936 while on the stocks at Messrs Schichau's yard Danzig the wood staging inside & outside the vessel in way of the aftermost cargo hold & the tween deck above <sup>Starboard Side</sup> caught fire owing to an unknown cause so that the plating & framing became more or less deformed & were satisfactorily dealt with as follows: Outside plating: (from aft) G3, H4, J4, K4, L5, M4 & 5, N5 & 6 renewed. B2, E2, J5, K3 & 5, L4 & 6, M6 removed, faired & replaced. O4 faired in place. Frames: Lower hold frames Nos. 18, 19 & 20 removed, faired & replaced. Tween deck frames No 19 faired in place & Nos 21 to 24 removed, faired & replaced. Upper deck No 22 removed, faired & replaced. Upper deck abcast & abelt No 5 hatchway: Stringer plates Nos 5 & 6 renewed. 3 deck plates renewed & 5 removed, faired & replaced. Wing plates & boundary angles of tonnage bulkheads & one stiffener removed, faired & replaced.

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

1st Bower CAST STEEL HEAD: 2762 KG, J.C.D., 868, 15.5.36  
2nd " " " : 2771 " " " , 862, 27.3.36  
3rd " " " : 2743 " " " , 866, 20.3.36  
STREAM " " " : 1211 " " " , 864, 10.3.36

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 41.8 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 25.9 ft. (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) 2 Dks (Stl) & 1 pt. dk (Stl)

Official No. ✓ : Signal Letters L.J.G.H Is bottom of Vessel coated with cement CLEAR OF OIL. if not give particulars of composition.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, (Frame 41 to 67)	70.8	240	Fore peak tank,		82
Double bottom, under Engines and Boilers,			After peak tank,		273
Double bottom, if under Engines only, (Frame 67 to 84)	46.3	271	Deep tanks, aft, (Frame 30 to 63) in way of tunnels	89.9	390
Double bottom, if under Boilers only,			Deep tank, forward, (Frame 90 to 101)	29.9	1431
Double bottom, forward, (Frame 84 to 175)	232.3	1001	Other tanks, if fitted,		
Total capacity of double bottom		1512	(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. 8

Date 26th August 1935

Dates of Surveys held while building

1936 January 2, 29, February 4, 12, March 10, 12, 17, 18, 25, 28 April 2, 9, 15, 18, 30 May 5, 6, 12, 14, 26, 28  
June 5, 8, 10, 12, 15, 19, 22, 24, 26, 29 July 1, 3, 7, 9, 10, 13, 14, 17, 22, 24, 27, 31 August 7, 12, 15, 19,  
September 9, 11, 14, 25, October 2, 21, 22, 27, 28, 29 November 4, 7

Total No. of Visits 60