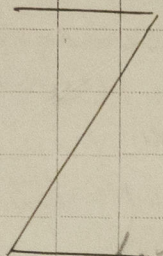







## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>			Stringer Plate, breadth and thickness in way of Bridge .....	50 - 46	/
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells .....	44	/
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" in Holds " "			Thickness of Plating within line of openings...	✓	
" " " " "			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	5 300 100 13 6 200 75 11	sp. 30"	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....	52 - 47. ✓		If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	65 .74		If Plated, state thickness .....		
" " " " in way of Bridge	65 .89		<b>Poop Deck.</b>		
" Angle in Wells .....	150 150 18.5		Stringer Plate, breadth and thickness .....	39 - 38	
FROM CENTRE LINE			Plating, Sheathing, material and thickness ...	28 - 5" 2 1/2" o/pine.	
Thickness of Plating abreast Deck openings in way of Wells .....	.72 - .50 - .72		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge .....	.72 - .50 - .74		Stringer Plate, breadth and thickness.....	43 44	
Thickness of Plating within line of openings... ✓			Plating, Sheathing, material and thickness ...	34	
If Sheathed, material and thickness .....	✓		<b>Forecastle Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	38	
Stringer Plate, breadth and thickness in Wells...	50 46		Plating, Sheathing, material and thickness ...	36	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No.</i>			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.									
FLAT PLATE KEEL .....	52 1/2	1-02	.80	.80	/	Double	1	4	Five	1 1/8	5	Lapped.	
„ DBLG. (if any)	✓	✓	✓	✓		✓			✓				
<i>ABCO</i> BOTTOM PLATING, No. of Strakes ..... 4	80 1/4	.66	.77	<i>A = .52 B = .53 C = .54 D = .54</i>	/	Double	7/8	3 1/2	Four	7/8	3 1/2	Lapped	
BILGE PLATING, No. of Strakes ..... 2	<i>E</i> 65 1/2	.66	.52	.54	/	"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes ..... 3	<i>F</i> 61	.66	.52	.54		"	"	3/8	"	"	"	"	
UPPER DECK, Sheer-strake in Wells... <i>L</i>	<i>G</i> 71 1/2 <i>H</i> 77 1/2 <i>I</i> 77 1/2	.63	.48	.48	<i>1-10 at Bridge + poop/plint</i>	"	1	3 1/2	Five	1	4 1/2	"	
UPPER DECK, Sheer-strake in Bridge ...	73	1-10				"	1	3 1/2	"	1 1/8	5	"	
STRAKE BELOW Sheer-strake in Wells... <i>K</i>	80 1/4	.80	.48	.48		Double	1	3 1/2	Four	1	4	Lapped.	
STRAKE BELOW Sheer-strake in Bridge ...	80 1/4	.80											
POOP SIDE PLATING .....			.42			Single	3/4	3	Double	3/4	2 5/8	Lapped.	
BRIDGE SIDE PLATING ...		.52				Double	7/8	3 1/2	"	7/8	3 1/2	"	
FOREC'TLE SIDE PLATING			.44			Single	3/4	3	"	3/4	2 5/8	"	

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule	
		16	12	1	1		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing FROM C.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓	3 WEBS EACH SIDE OF C.			
" " Second "	✓	51-37 1-66" x 46 7'-6"	300 x 90 x 135	30"	
" " Third "	✓	FACE BAR 6 x 3 1/2 x 60	to		
" " Holds	✓	1-51 x 46 17'-6"			
" " "	✓	FACE BAR 6 x 3 1/2 x 56	200 x 75 x 106		
" " "	✓	1-48 x 46 25'-0"			
" " "	✓	FACE BAR 6 x 3 1/2 x 46			
COLLISION " (in Hold)	✓	53-31 15 x 4 x 4 x 62	30	hulk deck	40
AFTER PEAK " "	✓	48-30 280 x 90 x 46	24	hulk deck	42

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Forging	10 1/2 x 2 7/8"	Burmeister & Wain	
STERN FRAME	Propeller Post	15	Ruhrstahl A.G.	
	Rudder	Casting approved.	Stahlwerk Kiege	
RUDDER—A x D	639.	✓		
Speed of Vessel	12 knots	✓		
RUDDER mainpiece at head	Forged	320 mm	Burmeister & Wain	32"
" " heel	Steel		Wain	
" " how constructed	4 arms shrunk on & keyed to mainpiece			
" " double or single plate coupling, vertical or horizontal	Single	1 1/4"	✓	

2020

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*  
 Plates: - *Vereinigte Stahlwerke AG; Societe Anonyme D'ouglie-Marihaye.*  
 Angles: - *Gotmund-Hoerder Huttenverein AG; Vereinigte Stahlwerke AG; Dorman Long & Co. Ltd.*  
 Has the Steel been tested as required by the Rules? *Yes.*



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.
1674	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Union	Dortmund Union	Dortmund 6-7-31 K. Hauss
19198	2nd " ...	88	1	3	Stockless			62	15	0	0	87 1/2	Hall's type	Not stated	Cardiff 30-8-34 L. S. Wright
19199	3rd " ...	81	1	0	"			59	10	0	0	75	"	"	"
	Collective weight.	75	2	14	"			56	15	0	0	69 1/2	"	"	"
		245	0	17								23 2			
1676	Stream .....	24	3	22	7	0	5	24	15	0	0	23 1/2 exc.	Stock	Dortmund Union	Dortmund 6-7-31 K. Hauss

## 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.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
16013	180	2 1/2	112 1/2	157 1/2	572-0-0					Stud	Not stated	Cardiff 28-8-34 L. Wright	TOWLINE	130	5 1/2	84-4	130	5 1/2
3146	120	2 1/4	116 1/2	163 1/2	720-44-0-20	940	300	2 1/4	1 1/2	Link	Knaack & Söhne	Leiden 25-2-31	HAWSERS & WARPS	90	4 1/2	58-6	220	8
					986-0-20					Hydrolandische	Hofmeding	L. H. van der Weel		220	3 1/2	35-2	220	8
														220	8	manilla		
														120	4 3/4			
														120	4 3/4			

Steering Gear, Steam Brown Bros. Electro-Hydraulic

Steering Gear, Hand Brown Bros.

Boats 1 Dinghy 17'0" x 6'0" x 2'4 1/2" Steering Chains, Size and Test

Windlass

Ceiling in Holds, thickness and material

Cargo Battens, thickness, material and spacing

Cargo Hatchways.—(Upper Deck) Oil tight 28 off 5'8" x 3'8"

Thickness of Hatches .50

Size of No. 1 Hatchway (Forward) 15'0" x 9'0" No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters 1 web beam 10" x 3 1/2" x 3 1/2" x 375 x .50

AKTIESELSKABET

p. pa. BURMEISTER &amp; WAIN'S MASKIN- &amp; SKIBSBYGGERI

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel 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 Tanker. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Secretary's letters, and as required by the Society's Rules for the class contemplated.

The workmanship is good and to my satisfaction.

The vessel is intended to carry petroleum in bulk.

All cargo oil tanks, fuel oil and lubricating tanks, cofferdams, fresh water and peak tanks have been tested as required by the Rules and found satisfactory.

Decks clear of cargo oil tanks have been tested by hose and found in order.

The amount of Entry Fee ..... Kr. 246.40

Fees applied for,

Special Survey Fee.... Kr. 14370.72

Received by me,

Travelling Expenses, if any Kr. 8.50

I am of opinion the Vessel should be Classed \*100 A.1.

Clausen Stein

"Carrying petroleum in bulk."  
"Longitudinal framing."  
"Bracketless System."

State whether the Vessel has been built under Special Survey Yes.

Signature

J. M. Macleod

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Surveyors Office, Copenhagen.

Date of issue

26/3/35

TUE. 26 MAR 1935

Committee's Minute

Character assigned

+100 A.1

Carrying petroleum in Bulk.

Lloyd's A. &amp; C. P.

+ Linc. 2.35 Oil Eng.

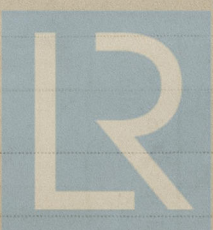
Longitudinal framing

Bracketless System

mach. app.

2. D.B. 180 lb.

My



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Lloyd's Register  
Foundation

183 2/3



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 approved plans and certificates are forwarded herewith.

Plans:—  
✓ Midship section.  
✓ Profile and decks.  
✓ Fore end sections.  
✓ After end sections.  
✓ Forward cofferdam bulkheads.  
✓ Oil fuel bunker.  
✓ Centre line bulkhead transverse in pump room.  
✓ Section in way of bridge.  
✓ Riveting of doublings and wide overlaps at transverse O.T. bulkheads.  
✓ Stem frame and rudder.  
✓ Propeller brackets.

Certificates:—  
✓ Stempost.  
✓ Rudder head.  
✓ Stem bar.  
✓ Rudder main piece and 4 arms.  
✓ Yuhular pillars.  
✓ Yeller.  
✓ 2 cast steel propeller brackets.  
✓ Interim certificate (copy of).

Sister vessel. "Sir Osborn Holmden". Copenhagen report No 7731.

N.B. Please forward your copies of the above mentioned plans for reference in this office.

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.  
1st Bower Anchor head 58.0-15 M.B. 4276 18.6-31 Anchor shank 30.0-16 M.B. 1228 18.6-31.  
2nd ..  
3rd ..  
Stream anchor. Hook 24-3-22 M.B. 4275 15-6-31.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 101.33 ft., R.Q.D. ✓ ft., Bridge 29.0 ft., Forecastle 43.91 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) and web frames.

Official No. ; Signal Letters L.I.Y.G. Is bottom of Vessel coated with cement No. if not give particulars of composition cement washed in feed water tanks and peaks only.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft, <i>forward tank</i>	70.5			Fore peak tank,	✓	✓	
Double bottom, under Engines and Boilers	30.5	194		After peak tank,	20.83	150	
Double bottom, <del>under Engines only</del> , <i>Biler oil</i>	10.0	47		Deep tank, aft,	5.33	240 (oil)	
Double bottom, if under Boilers only, <i>feed water tank</i>	12.5	49		Deep tank, forward,	42.75	550 "	
Double bottom, forward, <i>lubricating oil tank</i>	12.5	26		Other tanks, if fitted,			
	Total capacity of double bottom	316		(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. 67.  
Date 29<sup>th</sup> June 1934.  
Dates of Surveys held while building  
1934:— 21/6; 30/7; 2/8; 9/8; 13/8; 16/8; 17/8; 18/8; 23/8; 24/8; 25/8; 27/8; 1/9; 3/9; 6/9; 10/9; 11/9; 12/9; 13/9; 17/9; 20/9; 21/9; 25/9; 28/9; 1/10; 4/10; 9/10; 10/10; 12/10; 16/10; 17/10; 19/10; 22/10; 24/10; 27/10; 1/11; 2/11; 6/11; 10/11; 12/11; 15/11; 16/11; 19/11; 20/11; 22/11; 29/11; 3/12; 4/12; 5/12; 6/12; 10/12; 11/12; 12/12; 13/12; 14/12; 15/12; 17/12; 18/12; 20/12; 21/12; 27/12; 29/12; 1935:— 3/1; 5/1; 7/1; 12/1; 16/1; 21/1; 22/1; 25/1; 30/1; Total No. of Visits 80  
31/1; 4/2; 8/2; 11/2; 14/2; 19/2; 22/2; 25/2; 28/2



Rpt. 1\*.

M.T. MOSVOLD

# PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Les. $\frac{m}{m}$	Diam. Ins.	Speng. Ins.	Inches.	Number.	Diameter. Inches.	
Framing of $\begin{matrix} \text{and} \\ \text{L or C} \end{matrix}$ .....																			
Plating in Bridge 'tween Decks ..		165	75	10				165	75	10									
Plating from Uppermost Continuous Deck No. 1		230	90	11	180	90	9 1/2	230	90	11	180	90	9.5	7/8"	5 1/4	7/8" - 5 1/4"		liv. at	
" 2		230	90	11	180	90	9.5	230	90	11	180	90	9.5	"	"	" "		bulkhead	
" 3		230	90	11	180	90	10	230	90	11	180	90	10.0	"	"	" "		double	
" 4		250	90	12.5	180	90	10	250	90	12.5	180	90	10.	"	"	" "		7/8" sp. 3 1/2"	
" 5		280	90	12	180	90	10	280	90	12	180	90	10.	"	"	" "			
" 6		280	90	12.5	200	90	10	280	90	12.5	200	90	10.	"	"	7/8" - 11 R. sp. 4"			
" 7		300	90	13	200	90	10	300	90	13	200	90	10.	"	"	" "			
" 8		300	90	13	200	90	10	300	90	13	200	90	11	"	"	" "			
" 9		300	90	14	230	90	11	300	90	14	230	90	11	"	"	" "			
" 10		320	100	13	250	90	11	320	100	13	O.T. Plat.			"	"	7/8" - 11 R. sp. 3 1/2"			
" 11		340	100	13	250	90	11	340	100	13	250	90	11.	7/8	5 1/4	" "			
[ " 12		15x4x4x.44x.62			280	90	12	15x4x4x.44x.62			✓			"	"	" "			
" 13		17x.48x4x4x.68			✓			17x.48x4x4x.68			✓			"	"	" "			
" 14		"	"	"	250	90	11	"	"	"	250	90	11	"	"	" "			
" 15		"	"	"	✓			"	"	"	✓			"	"	" "			
" 16		"	"	"	250	90	12.5	"	"	"	250	90	12.5	"	"	" "			
To " 25		"	"	"	280	90	12	"	"	"	280	90	12	"	"	" "			
Spacing of Longitudinal Frames		Amidships			280	90	12	At Ends			280	90	12			" "			
		30"			280	90	12	(25) 17x.48x4x4x.68			280	90	12			" "			
		30"			280	90	14									" "			
Double Bottoms		Tank Top Longitudinals			In Motor Room - transverse framing														
For		Bottom																	
Spacing of Longitudinals		Amidships																	
		At Ends																	
Transverses.														Rivets in Lugs to Shell					
Bridge 'tween Decks		Depth and Thickness			30 x 38			30" x 38						Diam.		Speng.			
		Face Angles			3" fl.			3" fl.											
		Lugs to Shell*			Joggled 90 90 9.5			3 1/2 3 1/2 38											
In 'tween Decks		Depth and Thickness			30 x 40			30" x 40											
		Face Angles			90 90 10			3 1/2 3 1/2 40											
		Lugs to Shell*			Joggled 90 90 10			3 1/2 3 1/2 40						7/8		4"			
in Hold.		Depth and Thickness			63" - 48" x 48			63" - 48" x 48											
		Face Angles			150 90 11			6 3 1/2 44											
		Lugs to Shell*			Joggled 150 150 12			6 6 48						7/8		4"			
		Back Bars			✓			✓											
		Brackets			✓			✓											
Spacing of Transverse Frames		9'-4" - 12'-6" x 9'-4"			✓			9'-4" - 12'-6" - 9'-4"											
		State if joggled or liners.																	
Longitudinal Beams of L or C		Bridge Deck			6 3 32			150 75 8			Spacing.			In Ship.		As approved.			
		Upper			200 90 13			200 90 13			37 1/2			Plate.		Angles.			
		Second			230 90 11			230 90 11			30			10" x 38		150 x 75 x 10		10" x 38	
		Third									30			192 x 40		5" fl.		192 x 40	
														27 x 44		150 x 90 x 5		27 x 44	
																6" x 36 x 60			

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.

Engines crank shafts, diameter

as per Rule

130 mm

130 mm

130 mm

130 mm

0183 3/3