

## STEEL STEAMER or MOTORSHIP.

Received at London Office

29 OCT 1929

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*

SECTION

No. 963

No. 108889

Date of completion of report 22<sup>nd</sup> of October 1929 Port of Rotterdam

Survey held at Schiedam

Date First Survey 22<sup>nd</sup> of August 1928 Last Survey 16<sup>th</sup> of October 1929On the (State of Machinery fitted and) *Steel twin screw motor vessel "DELFT DIJK"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling*State Type of Erections *Prop. Bridge*

TONNAGE under Tonnage Deck

9038.09

CLASS *A1*State if with freeboard as condition of Class *no*Built at *Schiedam* *Forecastle*

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 149.35

Launched 6/7 1929 Yard No. 318

Breadth (greatest moulded)

B 19.66

Builders *N.V. Wilton's Schip. Fab.*

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

D 12.19

Owners *Holland Amerika Lijn*

Gross Tonnage

10220.26

Register Tonnage

6384.60

1st Longitudinal Number (L x D)

= 1820.575

Managers

2nd Numeral L x (B + D)

= 4756.7975

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

## REGISTERED DIMENSIONS.

FEET.

Length

490.97

Breadth

64.75

34.107

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

5.44

Residence *Rotterdam*

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

12.25

Port of Registry

Do. Long Bridge to top of keel

10.09

If surveyed while building, afloat, or in dry dock

Draught Moulded

30' 7 7/8

Building

## 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.
Spacing amidships	840	✓	Bracket Floors, Frame	230 90 11 1/2	✓
from 3/4 length to Collision bulkhead	605	✓	Reversed Frame	230 90 11 1/2	✓
in peaks	610	✓	Vertical Struts	230 90 11 1/2	✓
FRAMING.			Centre Girder, depth and thickness amidships	1245 + 2045 x 16 + 12 1/2	✓
Amidships, Angle, [ or F	220 90 11 1/2	✓	top Angles	90 90 14	✓
Extends up to	Upper deck and as per plan	✓	bottom Angles	130 130 17	✓
Side Frame Amidships, Angle	110 90 12	✓	Side Girders, No. each side and thickness	two 11 1/2	✓
Extends up to	D deck and C deck	✓	Margin Plate depth (excl. of flange) and thickness	1090 11 1/2	✓
of Framing Girder	220 alternately	✓	Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	140 140 14	✓
in Uppermost Continuous 'tween Decks, Angle, [ or F	220 90 11 1/2	✓	Vertical Angle to Tank side Bracket forward 1/4 len. from stem	140 140 14	Double
Second 'tween Decks, Angle, [ or F	220 90 11 1/2	✓	Gussets, spacing and scantling abaft 1/4 len. from stem	Continued 475 x 13	✓
Third " " " "	✓	✓	Gussets, spacing and scantling forward 1/4 len. from stem	Continued 445 x 13	✓
Spacing in Peaks, Angle or [	250 90 12 1/2	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	2350 x 13	✓
Number and Spacing of Rivets through Frame and Shell Plating amidships	1" 6"	✓	INNER BOTTOM PLATING.		
if Frame Joggled	no	✓	Breadth and thickness of Middle Line Strake	1450 14 1/2	✓
NG ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames with reverse frames and stringers as per plan	✓	Thickness of remainder in Holds	12 1/2 - 11 1/2	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double ribbed frames with additional girders all as approved	✓	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?	See special arrangement plan 26 to 14 1/2	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [ or F	254 90 12 1/2	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [ or [	254 90 12 1/2	✓
Middle Line Keelson, on Floors, Angles, [ or [			Spacing	840	✓
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [ or F	254 90 12 1/2	✓
" " " Foundation Plate on Floors			Spacing	840	✓
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, [ or F	280 100 12 1/2	✓
Side Keelsons, No. each side			Spacing	840	✓
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [ or [	✓	
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [ or [	250 90 11	✓
Solid Floors, thickness and spacing	11 1/2 2520 and as on profile	✓	Spacing	840 - 610	✓
" " Are Frame and Reversed Frame joggled?	yes	✓	Bridge Deck, Angle, [ or F	200 85 11 1/4	✓
Bracket Floors, breadth and thickness at middle line	950 11 1/2	✓	Spacing	840	✓
" " breadth and thickness at margin plate	950 11 1/2	✓	Forecastle Deck, Angle, [ or [	230 90 11	✓
			Spacing	605 - 610	✓



## 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>	<i>Steel bulk head and pillars 3" &amp;</i>			Stringer Plate, breadth and thickness in way of Bridge .....	<i>1300</i>	<i>11 1/2</i>	<i>(See plan)</i>
"    in 'tween Decks, Size and Spacing.....	<i>2 rows of pillars and girders</i>			Thickness of Plating abreast Deck openings in way of Wells .....	<i>10 1/2</i>		<i>✓</i>
"    "    "    "    "    "    "    "    "    "    "	<i>all as approved.</i>			Thickness of Plating abreast Deck openings in way of Bridge .....	<i>13</i>		<i>✓</i>
"    in Holds    "    "    "    "    "    "    "				Thickness of Plating within line of openings...	<i>9</i>		<i>✓</i>
"    "    "    "    "    "    "    "    "    "				If Sheathed, material and thickness .....	<i>✓</i>		
<b>Centre Line Bulkhead.</b>	<i>Nº 1 + 2 hold</i>			<b>Third Deck.</b>			
Stiffeners and Spacing.....	<i>200 x 75 x 10 840</i>		<i>✓</i>	Stringer Plate, breadth and thickness.....	<i>1300</i>	<i>14 10</i>	<i>✓</i>
Plating, thickness of .....	<i>7 1/2</i>		<i>✓</i>	If Plated, state thickness.....	<i>11 - 9</i>		<i>(See plan)</i>
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....	<i>✓</i>		
Stringer Plate, breadth and thickness in Wells	<i>1750</i>	<i>24</i>	<i>✓</i>	If Plated, state thickness .....			
"    "    "    "    in way of Bridge	<i>1750</i>	<i>15</i>	<i>(See plan)</i>	<b>Poop Deck.</b>			
"    Angle in Wells .....	<i>180</i>	<i>180</i>	<i>24</i>	Stringer Plate, breadth and thickness .....	<i>straight</i>	<i>9 1/2</i>	<i>✓</i>
Thickness of Plating abreast Deck openings in way of Wells .....	<i>18 1/2</i>	<i>+ 16</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>9 1/2 - 6 1/2</i>	<i>fine go</i>	
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>13 1/2</i>		<i>✓</i>	<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	<i>11 1/2</i>		<i>✓</i>	Stringer Plate, breadth and thickness.....	<i>1750</i>	<i>15 1/2</i>	<i>✓</i>
If Sheathed, material and thickness <i>well fine 90</i>			<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>12-11</i>	<i>Liborio inside</i>	<i>✓</i>
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	<i>1300</i>	<i>11 1/2</i>	<i>✓</i>	Stringer Plate, breadth and thickness....	<i>straight</i>	<i>9 1/2</i>	<i>✓</i>
				Plating, Sheathing, material and thickness ...	<i>9 1/2 - 9</i>	<i>steel</i>	<i>✓</i>

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.	
FLAT PLATE KEEL .....	1600	25	22	22		Double	25	93	III	20	112	Lapped	
„ DELG. (if any)													
BOTTOM PLATING, No. of Strakes .....3.....	2060 2250 2250	21	13½	13½		“	25	93	III	25	100	“	
BILGE PLATING, No. of Strakes .....2.....	2250 2100	19½	13½	13½		“	25	93	III	25	100	“	
SIDE PLATING, No. of Strakes .....4.....	2150 2250 2250 2250	19	12½	12½		“	25	93	III	25	100	“	
UPPER DECK, Sheer-strake in Wells.....	1340	24½	12½	12½		“	20	105	IIII	20	126	“	
UPPER DECK, Sheer-strake in Bridge ...	1340	19				“	25	93	III	25	100	“	
STRAKE BELOW Sheer-strake in Wells.....	1340	21½	12½	12½		“	25	93	III	25	100	“	
STRAKE BELOW Sheer-strake in Bridge ...	1340	19				“	25	93	III	25	100	“	
POOP SIDE PLATING .....			10		✓	Single	19	76	II	19	66	“	
BRIDGE SIDE PLATING ...		17½				Double	22	84	III	22	80	“	
FORECASTLE SIDE PLATING			11		✓	Single	19	76	II	19	66	“	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	0
Extending to Upper Deck (Sec. 3 c).....	0
" Deck next below .....	✓
As per Rule .....	✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	6 1/2	L 120x75x8 1/2			
" " Second "		L 140x65x8			
" " Third "		L 305x100x12 1/5	90x90x12	alternating	
" " Holds .....		L 300x90x14-15			
		L 280x90x13			
		L 230x90x13			
		L 110x75x8 1/2			
		L 220x75x10 1/2			
		L 220x90x13			
		L 140x65x8			
		L 300x100x13 1/16			
		L 230x90x9 1/2			
		L 120x75x8 1/2			

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....				Flat keel plate
STEM .....				280x74 Shoda works
STERN FRAME				Propeller Post .....
				Rudder .....
RUDDER—A x D.....				Part built by gear
Speed of Vessel.....				14 1/4
RUDDER mainpiece at head ...				Cast steel and plates Certz
" " heel .....				patent molder
" how constructed .....				Double plate Certz patent
" double or single plate				horizontal
" coupling, vertical or horizontal.....				

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Siemens Martin</i>
	<i>Steel. Gutehoffnungshütte Oberhausen; Vereinigte Stahlwerke Aktien</i>
	<i>gesellschaft. Duisburg a. M. und Hoesen Verein.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>



EQUIPMENT No. 4970 ✓												LETTER 4		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.							
2071	1st Bower	89	3	7	stockless			63	5	0	0	4570 K.G.		Guano Stockless	Muns. & Co.		Rushy 30/7-29 K. Hand		
2070	2nd "	89	2	0	"			63	5	0	0			"	"	"	"	"	"
2063	3rd "	29	3	20	"			58	10	0	0			"	"	"	"	"	28/6-29 K. Hand
	Collective weight.	259	1	0	✓							13080 K.G.				"	"	"	
2070	Stream	27	0	26	✓	6	3	7	26	11	1	0	1345 K.G.		Common stock	"	"	"	15/8-29 K. Hand

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.	Statury.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Tons.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	Ins.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
71	300	2 5/8	122200 Kg.	56480	52580 Kg.	550	66 1/2	Steel	Bosigwerke	14/8-29	J. B. Helwig	wire	220	140	72140	220	140		
	345	fms	See Ans letter 10/5									HAWSERS & WARPS	4x185	70		4x185	70		
		Cir.										"							
wire (Iron Stream Chain or Steel Wire)	240	1 5/2	68360 K.g.				240	1 5/2	Vermigal	14/8-29	Vermigal	"							

Steering Gear, Steam *Electric Hydraulic* Steering Gear, Hand *Yes*  
Boats *4 lifeboats* Steering Chains, Size and Test *✓* Windlass *Electric*  
Ceiling in Holds, thickness and material *pine 65 mm.* Cargo Battens, thickness, material and spacing *155x50 distance 155 mm*  
Cargo Hatchways. (Upper Deck) *Steel and angle* Thickness of Hatches *83 mm*  
Size of No. 1 Hatchway (Forward) *22'6" x 20'0"* No. 2 *38'7" x 20'0"* No. 3 *22'0" x 20'0"* No. 4 *11'0" x 20'0"* No. 5 *30'4" x 20'0"* No. 6 *24'0" x 20'0"*  
Number of Shifting Beams and/or Fore and Afters *in fore and afters; shifting beams 5-9-5-1-7-5 respectively.*  
*N.V. WILTON's Machinefabriek en Scheepswerf.*  
*(Wilton's Engineering and Shipway Co.)*  
Builder's Signature *Wilton*

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 *Vegetable oil* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The workmanship was found good and the vessel has been built to the approved plans, Copies of which are being retained in the London office for record, in agreement with the instructions contained in Secretary's letters M 31/5; 12/6; 17-18-24/7; 4-5-17/9; 8/10; 1-26/11; 1920 4/4; 1929; and Rotterdam letters 11/7; 17-27-28/8; 3-5-8-13-19-21/9; 4-16-18/10; 22-23-25-29/10; 2-8-9-15-23/11; 1928. 23/1; 2/3; 27/6; 30/8; 1929 respecting this case and in general conformity with the Society's Rules. All double bottom tanks, deep tanks, fore and after peak tanks have been tested as required by the rules and found sound and tight. All bulkheads, tunnels, watertight doors and windows have been tested by hose and found tight. Trueboard marking verified and cut in the vessel's sides.

The amount of Entry Fee ..... *144.00*  
*180.00*  
Special Survey Fee ..... *5433.00*  
Travelling Expenses, if any *91.00*

Fees applied for, *20/10 1929*  
Received by me, *16.11. 29*

I am of opinion the Vessel should be Classed *+ 100 A1*

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

*R. Henningsen*  
Signature *J. H. Henningsen*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Rotterdam* Date of issue *8/11/29*

Committee's Minute *TUE. 5 NOV 1929*

Character assigned *+ 100 A1*  
*carrying Vegetable Oil in Deep Tank*

*Lloyd's A & C.P.* *+ L.M.C 10. 29 C.*  
*Oil engines*

*M. K. H.*  
*J. H. Henningsen*  
*M. J.*



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 requirements of the rules for drainage etc. in way of oil tanks have been complied with as far as practicable.

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

1st Bower 50 Cwt - 0 Gr. - 9 lbs N<sup>o</sup> 6694 L.R. Dusseldorf 12/7-29 M. Berg  
2nd „ 50 Cwt - 2 Grs - 12 lbs N<sup>o</sup> 6693 L.R. „ 19/7-29 M. Berg  
3rd „ 50 Cwt - 3 Grs - 18 lbs N<sup>o</sup> 6455 L.R. „ 28/5-29 M. Berg.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 40.25 ft., R.Q.D. ✓ ft., Bridge 48.83 ft., Forecastle 45.8 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) Three steel decks. see Rot 20770 2/52

Official No. ; Signal Letters

Is bottom of Vessel coated with cement *Yes where* if not give particulars of composition *Cement in peaks and bilges and hold sides further paint.*

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	148.8	555	Fore peak tank,	24.6	140
Double bottom, under Engines and Boilers,			After peak tank,	20.0	165
Double bottom, if under Engines only,	63.3	325	Deep tank, aft,	35.8	1050
Double bottom, if under Boilers only,			Deep tank, forward,	✓	
Double bottom, forward,	198.3	706	Other tanks, if fitted,	✓	
	Total capacity of double bottom 1666		(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. 760

Date 1/10-1920

Dates of Surveys held while building

22/8; 5-13/9; 3-4-8-15-18-22-29/10; 2-10-14-19-20-27/11; 5-10-12-15-19-21-27/12; 1920. 2-3-8-11-14-21-24-29/1; 6-15-19-20-25/2; 1-8-12-18-22-24/3; 1-8-16-22-23-24-30/4; 3-8-14-21-23-28-31/5; 1-4-7-11-13-17-21-22-27-29/6; 1-4-5-6-10-12-20-23-26-30/7; 7-12-20-27/8; 5-7-9-11-12-16-18-25-30/9; 3-5-7-8-11-12-16/10; 1929 Total No. of Visits 96