

STEEL STEAMER or MOTORSHIP.

Received at London Office 18 APR 1969

18 APR 1929

State if Report has been sent on Freeboard of the Vessel Yes -

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

Date of completion of report 10th of April 1929

Port of Rotterdam

No. 18323

Survey held at Rotterdam

Date First Survey 14th of May 1928

Last Survey 5th of April 1920

On the (State if Machinery fitted Aft and
(if Single, Twin or Triple Screw) Steel Single Screw Steamer "JOSEPHINE CHARLOTTE"

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

State Type of Erections

Pouy. -
Bridge. -
Forecastle. -

TONNAGE under } 2952.06
Tonnage Deck... }

CLASS **✠ 100 A 1-** State if with freeboard } *without*
as condition of Class }

Built at Rotterdam

Do. Space or spaces
Do. Tonnage Dk.
Do. Upper Dk.

Length from fore part of stem to after part of stern } L 340.0
post on summer L.W.L. See Sec. 3 (1a) }

Launched Feb. 3rd 1929. Yard No. 152

Total

Breadth (greatest moulded) B 48.5

Builders Rotterdamse Dwergdok, Maats.

Gross Tonnage 3421.94

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } **D** 15.58

Owners Lloyd Royal Belge S.A.

Register Tonnage 2055.31

1st Longitudinal Number (L x D)..... = 8698.

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

2nd Numeral $L \times (B + D) \dots\dots\dots = 25188.$

Residence *Antwerp*

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } *14.37*
Sec. 3 (1d)

Port of Registry *Answers.*—

Length 339.96

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 13.29

If surveyed while building, afloat, or in dry dock

Breadth 48.58

Do. Long Bridge to top of keel } 10.12

Building. -

Depth 23.04

Draught Moulded 24'-5"

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	27		Bracket Floors, Frame	130 90 9.5	
" " from $\frac{3}{8}$ length to Collision bulkhead.....)	27		" " Reversed Frame	130 75 9.5	
" " in peaks.....)	24		" " Vertical Struts	150 85 11	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	38½ x 48	
Frame Amidships, Angle, E or C	200 90 12.5		" " top Angles	75 75 11.5	
" " Extends up to	upper deck and alternately to Bridge deck.		" " bottom Angles	90 90 13.5	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	one 36	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	3.5 .44	
Depth of Framing Girder.....			" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	90 90 9	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	200 90 12.5	Bull frames left intact and not reduced to 180°	" " Vertical Angle to Tank side Bracket forward ¼ len. from stem	130 130 11.5	
" " Second 'tween Decks, Angle, [or C	✓		" " Gussets, spacing and scantling abaft ¼ len. from stem.....	100 75 10.5 every 4 ft frame	
" " Third " " " "	✓		" " in E & B space 130 x 90 x 13 Gussets, spacing and scantling forward ¼ len. from stem.....	100 75 10.5 every frame	
Framing in Peaks, Angle or C	180 75 8		Tank Side Brackets, height above base line at toe of Frame and thickness in E & B space	57½ x 40 70¾ x 42½	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6¼		INNER BOTTOM PLATING.		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake ...	48 x 45	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	Deep framing and stringers as approved.		Thickness of remainder in Holds	39 .34	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double riveted frames, floors at every frame and intercostals 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?.....	Yes -	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle, E or C	200 75 9.5	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, E or C	230 90 11.5	
Middle Line Keelson, on Floors, Angles, [or C	✓		Spacing	27	
" " Through Plate or Intercostal Plate....)			Second Deck, amidships, Angle, E or C	230 90 11.5	
" " Foundation Plate on Floors			Spacing.....	27	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or C	✓	
Side Keelsons, No. each side	✓		Spacing.....		
" " thickness of Intercostal Plate...			Fourth Deck, amidships, Angle, [or C	✓	
" " Angles			Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, E or C	165 75 9	
Solid Floors, thickness and spacing	36 x 81 and as per profile		Spacing.....	27 & 24	
" " Are Frame and Reversed Frame joggled?.....)	not joggled.		Bridge Deck, Angle, E or C	180 75 8	
Bracket Floors, breadth and thickness at middle line.....)	29½ x 36		foremost 9 beams 6	200 75 12.5	
" " breadth and thickness at margin plate.....)	29½ x 36		Spacing	27	
			Forecastle Deck, Angle, E or C	200 90 12	
			Spacing	27 & 24	

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.
PILLARS, No. of Rows..... <i>Two</i>	<i>wide spacing as on plan with girders..</i>		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	<i>6 x 36 - 6 x 40 7 1/2 x 40 - 11 x 40 as on profile..</i>		Thickness of Plating abreast Deck openings in way of Wells	✓	<i>.32 - .30</i>
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „	<i>10 x 44 - 10 x 46 11 x 48 - 11 x 50 12 x 54 - 13 x 54 as on profile..</i>		Thickness of Plating within line of openings...		<i>.30</i>
„ „ „ „ „			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	<i>51 x .76</i>		If Plated, state thickness		
„ „ „ „ in way of Bridge	<i>51 x .36</i>		Poop Deck.		
„ Angle in Wells	<i>150 150 20</i>		Stringer Plate, breadth and thickness		<i>.26</i>
Thickness of Plating abreast Deck openings in way of Wells	<i>.42 .40 .38</i>		Plating, Sheathing, material and thickness ...	<i>.26</i>	<i>Oregon pine 2 1/2</i>
Thickness of Plating abreast Deck openings in way of Bridge	<i>.32 .66</i>		Bridge Deck.		
Thickness of Plating within line of openings...	<i>.30 .34 .36 .28</i>		Stringer Plate, breadth and thickness.....	<i>51 x</i>	<i>.42</i>
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...		<i>.38 - .32</i>
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	<i>45 x .36</i>		Stringer Plate, breadth and thickness.....		<i>.32</i>
			Plating, Sheathing, material and thickness ...	<i>.26 / .50</i>	<i>Oregon pine 2 1/2</i>

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	Yes.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.						Inches.	Inches.		
FLAT PLATE KEEL	61	.72	.61	.68		Double	7/8	3 3/8	three	7/8	3 1/8	lapped.	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ...3.....	A 83 B 83 C 83	.53 .53 .53	.44 .44 .46	.48 .46 .46		Double	7/8	3 3/8	three	7/8	3 1/8	lapped.	
BILGE PLATING, No. of Strakes1.....	D 84	.54	.48	.50		„	7/8	3 3/8	„	7/8	3 1/8	„	
SIDE PLATING, No. of Strakes3.....	E 84 F 84 G 53	.54 .54 .66	.43 .43 .43	.43 .43 .43		„	E } 7/8 F } 7/8 G - 1	3 3/8 3 3/8 3.8	E } „ F } „ G - four	7/8 7/8 7/8	3 1/8 3 1/8 3 1/2	„ „ „	
UPPER DECK, Sheer-strake in Wells.....	H 53	.80	.43	.43		„	„	„	four	1	4	„	
UPPER DECK, Sheer-strake in Bridge ... at Break-	H 53	.80 1.20	-	-		Double	7/8	3 3/8	four	1	4	„	
STRAKE BELOW Sheer-strake in Wells.....	G	.66				„	1 1/8	4 1/2	five	1 1/8	5 1/8	„	
STRAKE BELOW Sheer-strake in Bridge ...	G	.66			Bottom plating forward of 3/5 L midship Rule thickness as required	„	1	3.8	four - three	7/8	3 1/2	„	
POOP SIDE PLATING36		Single	3/4	3	one	3/4	2 5/8	lapped	
BRIDGE SIDE PLATING56				Double	7/8	3 3/8	three	7/8	3 1/8	„	
FOREC'TLE SIDE PLATING				.38		Single	3/4	3	one	3/4	2 5/8	„	

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) <i>Six</i>					
,, Deck next below <i>✓</i>					
As per Rule <i>Six</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks	.28	120x75x9.5	30	—	—
Hold No. 34	.45, .39	230x75x	30	—	—
Second	.33	11.5 L	30	—	—
Hold No. 57-77	.45, .40	100x75x13	30	—	—
Third	.34	100x75x10.5	30	—	—
Hold No. 119	.45, .39	230x90x	30	—	—
Fourth	.34	12.5 L	30	—	—
Collision	.46, .38	230x90x11	30	—	—
(in Hold) No. 149	.30	200x75x10.5	24	Flat chain locker.	
After Peak	.64, .33	Bulkhead Chain locker	30	—	—
		150x75	30	—	—
		x 8 L	30	—	—

		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			Flat plate keel.		
STEM		S.M. Steel	8 1/2 x 2 3/8	rolled material	
STERN FRAME	Propeller Post	Casting	as per approved plan	Bakker & Co	
	Rudder	"	"	Yves & Melal gietery.	
RUDDER—A x D					
Speed of Vessel			11 knots		
RUDDER mainpiece at head ..			7 3/4 "	rudderhead.	
,, ,, heel ..		Casting	certy patent	Bakker & Co	
,, ,, how constructed			double plated	Yves & Melal gietery.	
,, double or single plate coupling, vertical or horizontal			as per app. plans	Ridderkerk.	
			.52		
			horizontal coupling		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Simons Martin process*

Vereinigte Stahlwerke, Hoerder Verein, Niederrheinische Hütte, August Thyssen Hütte,
Stewards & Cloyds Ltd; Gutehoffnungshütte.

Has the Steel been tested as required by the Rules? *Yes, by Surveyors at Steel Works.*

EQUIPMENT No. 26650

LETTER V.

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.				
61538	1st Bower ...	49	1	17	Stockless			41	19	2	21	48-3-0		Byers patent	Samuel Taylor	Tipton 20-9-28 W.A. Dysdale
61524	2nd " (X)	48	3	10	"			41	13	1	21	48-3-0		" "	& Sons Ltd	" 15-9-28 W.C. Gerson.
61563	3rd " (X)	42	0	10	"			37	4	1	14	41-2-0		" "	Brierly Hill	" 28-9-28 W.A. Dysdale
	Collective weight.	140	1	9								139-0-0				
61588	Stream	13	3	25	3	2	3	15	12	2	0	13-0-0		Rodgers.	Samuel Taylor & Sons Ltd.	Tipton 18-10-28 W.A. Dysdale

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.	Length.					Cir.	Length.		Cir.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.
420	168.5 ft	2	72	100 ⁸ / ₁₀	607-3-3	528-3-0	270	2	Stud	Carl Schlieper	Guano 2-11-28 Jeb. Quast		TOWLINE...	120	4	33	120	4
421	1.5 ft	2	72	100 ⁸ / ₁₀	15-1-14				Joining 3 end shackles	Carl Schlieper	Guano 2-11-28 J. Quast		HAWSERS & WARPS	3x90	2 1/2	12.5	2x90	2 1/2
	20-0													2x90	2 1/2	12.5	2x90	2 1/2
		Cir.						Cir.										
Iron-Galvan- ized-Steel Wire	90	4 1/2		39			90	4 1/2		United Rope Works								

Steering Gear, Steam *Yes, direct acting*Steering Gear, Hand *Yes, screw gear aft*Boats *four*Steering Chains, Size and Test *✓*Windlass *steel steam patent*Ceiling in Holds, thickness and material *2 1/2" pine*Cargo Battens, thickness, material and spacing *2" pine*Cargo Hatchways.-(Upper Deck) *steel and angle*Thickness of Hatches *2 1/2" pine*Size of No. 1 Hatchway (Forward) *22'6" x 18'0"* No. 2 *29'3" x 18'0"* No. 3 *15'9" x 18'0"* No. 4 *29'3" x 18'0"* No. 5 *24'0" x 18'0"* No. 6 *✓*Number of Shifting Beams and/or Fore and Afters *5 webs to Nos 1, 2, 4 and 5 hatchways; 3 webs to No 3 hatchway*

ROTTERDAMSCHER ORDE VAN WAARDE

Builder's Signature

DIRECTEUR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no* 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 in accordance with the approved plans, Secretary's Letters M 8/8-1928; 16/1; 7/2 and 26/3-1929; and Rotterdam letters 8/5; 7/5; 8/5; 24/5; 29/5; 5/6; 8/6; 5/4 and 9/4-1928 respecting this case and in general conformity with the Society's Rules. Fore and afterpeak tanks and all double bottom tanks have been tested under pressure with a head of water as required by the Rules and all bulkheads and decks tested by hose and found sound and tight. Pertz patent rudder tested and found tight. Freeboard marking verified and cut in on the vessel's sides.

Certificate of Stowage and rudder sent herewith. The following plans have been approved for this vessel: Midship Section (amended); Profile and decks (amended);

Tons Gross *3421.94*

Alternative arrangement framing M.S.; Cruiser Stern;

Bridge, exempted space *364*

W.T. Bulkheads etc (amended) Coaltrunks (amended) Tankside gusset angles; Pertz Sternharn & Rudder. Copies of all these plans are being retained in the London Office for record.

3785.94

Sister vessel: S.S. "Astreda" Rotterdam Report No 18223.

The amount of Entry Fee *84.00*Special Survey Fee *3171.60*Freeboard *108.00*Travelling Expenses, if any *66.00*

Fees applied for,

12/4 1929

Received by me,

*29.4.19*I am of opinion the Vessel should be Classed *+ 100 A 1-*State whether the Vessel has been built under Special Survey *Yes*

Signature

Surveyor to Lloyd's Register of Shipping

Certificate to be sent to Rotterdam Surveyors Date of issue *6/5/29*

Committee's Minute

FRI. 26 APR 1929

Character assigned

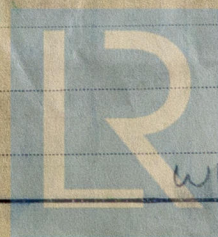
+ 100 A 1

Lloyd's A & C

Wick

L.M.C. 4:29

Ct. P.D.



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Lloyd's Register

W435-0203 (2/2)

Foundation

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.)

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

1st Bower *Cast Steel Head 30-0-10 K.H. Dusseldorf No 4729-1-7-27*
2nd " " " " *30-1-6 J.F. Dusseldorf No 316-25-4-18*
3rd " " " " *28-2-7 J.L. Dusseldorf No 152-18-8-27*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *34.75* ft., R.Q.D. *r* ft., Bridge *105.75* ft., Forecastle *37.5* 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. (ste)*

Official No. ; Signal Letters Is bottom of Vessel coated with cement *Yes* if not give particulars of composition *bitumastic in Boiler room dry tank.* (Paw)

PARTICULARS OF WATER BALLAST.—

Where Fitted.	°Length. Feet.	Water Capacity. Tons.	Where Fitted.	°Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>81.-</i>	<i>157.-</i>	Fore peak tank,	<i>16.-</i>	<i>48.-</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>10.-</i>	<i>19.-</i>
Double bottom, if under Engines only,	<i>33.75</i>	<i>113.-</i>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>153.-</i>	<i>416.-</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>686.-</i>	(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. *445*

Date. *21-6-1928*

Dates of Surveys held while building

*14/5, 16-20-25-30/4; 1-14-27-30/8; 3-6-7-10-11-12-15-17-18-25-28-29/9; 3-4-8-10-12-15-16/10
17-18-19-20-22-27-31/10; 2-3-5-6-9-16-20-24-29/11; 5-6-10-13-14-15-18-20-22-28-31/12. 1928
2-4-9-11-12-18-19-23-24-26-28-30/1; 1-2-6-11-15-20-23/2; 4-6-7-12-13-14-18-19-22-23-25-27-29/1
2-4-5/4-1929.*

Total No. of Visits *90*