

## STEEL STEAMER or MOTORSHIP.

Received at London Office OCT 30 1939

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.*

Date of completion of report

24<sup>th</sup> October, 1939Port of *Ålborg & Mahro*

No. 18216

Survey held at

Landskrona

Date First Survey

21<sup>st</sup> July, 1938

Last Survey

16<sup>th</sup> October, 1939.

On the (State if Machinery fitted with or without Tonnage Deck)

Single Screw Motor Tanker

"JANUS"

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

Full Scantling.

State Type of Erections

Poop &amp; Ice.

TONNAGE under Tonnage Deck

9025.64

CLASS *100A1*

State if with freeboard as condition of Class

No

Built at *Landskrona*Launched *22<sup>nd</sup> June, 1939* Yard No. *54*Builders *Öresundsvarvet A.B.*Owners *Rederi A. O. Nordstjernan*Manager *A. A. Johansson*

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

Residence

*Stockholm.*

Port of Registry

*Stockholm.*If surveyed while building, afloat, *2* in dry dock*Yes.*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

*9065.05*Gross Tonnage *9065.10*Register Tonnage *7483.42*

## REGISTERED DIMENSIONS.

FEET.

Length

*503.21*

Breadth

*65.81*

Depth

*37.20*

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

L 485.0

Breadth (greatest moulded)

B 65.75

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

D 36.0

1st Longitudinal Number (L x D)

= 17460

2nd Numeral L x (B + D)

= 49349

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

13.2

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

13.2

Do. Long Bridge to top of keel

Draught Moulded

*28'-4 7/8"*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. IN SHIP.	Any Departure from Approved Plans to be Noted.	mm. IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	805 ✓		Bracket Floors, Frame	
" " <i>in deep tank fwd. from 1/2 length amidships to Collision bulkhead.</i>	675 ✓		" " Reversed Frame	
" " in peaks	610 ✓		" " Vertical Struts	
SIDE FRAMING.			Centre Girder, depth and thickness	<i>in to R. 1200 13</i>
Frame Amidships, Angle, E or F	280 90 12 ✓		" " top Angles <i>Double</i>	90 90 13
" " Extends up to	250 90 11 ✓		" " bottom Angles	<i>to W. ✓</i>
Reversed Frame Amidships, Angle	<i>Bottom.</i>		Side Girders, No. each side and thickness	<i>21 12.5-19 tanks top level. 13.5 ✓</i>
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	
Depth of Framing Girder			" " Vertical Angle to Tank side	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Bracket abaft 1/2 len. from stem	
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side	
" " Third " " "			" " Bracket from forward 1/2 len. from stem to Panting Area	
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling abaft 1/2 len. from stem	
" " in Peaks, Angle or F	230 90 11 ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 125 ✓ <i>5 1/2 dia</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	
State if Frame Joggled	<i>Bottom. Yes.</i>		INNER BOTTOM PLATING. <i>to R.</i>	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>As per appr. plans.</i>		Breadth and thickness of Middle Line Strake	2966 13.5 ✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>As per appr. plans.</i>		Thickness of remainder in Holds	
SINGLE BOTTOM.			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Tanker and Boiler Room?	<i>See page 3 of this Rpt. (Gen. Declaration) and plans</i>
Floors, Depth and thickness at mid-line in Holds			BEAMS.	
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	200 90 10 ✓
Middle Line Keelson, on Floors, Angles, E or F			" " in way of Bridge, Angle, E or F	230 90 11 ✓
" " Through Plate or Intercoastal Plate	<i>As per appr. plans.</i>		" " Spacing	<i>to R. frame.</i>
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F	
" " Flat Plate Keel Angles			" " Spacing	<i>Beams at side stingers as per approved plans.</i>
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or F	
" " thickness of Intercoastal Plate			" " Spacing	
" " Angles			Fourth Deck, amidships, Angle, E or F	
DOUBLE BOTTOM. <i>In motor space.</i>	<i>12.5 m. ang. 11 805 ✓</i>		" " Spacing	<i>180 75 11 ✓</i>
Solid Floors, thickness and spacing			Poop Deck, Angle, E or F	<i>200 75 10 ✓</i>
" " Are Frame and Reversed Frame joggled?	<i>Frame. Yes.</i>		" " Spacing	<i>230 90 11 ✓</i>
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, E or F	
" " breadth and thickness at margin plate			" " Spacing	<i>to R. frame.</i>
			Forecastle Deck, Angle, E or F	<i>230 90 11 ✓</i>
			" " Spacing	<i>to R. frame.</i>

## PILLARS AND DECKS.

		mm. IN SHIP.		Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows.....</b>	As per app. plans				✓
„ in 'tween Decks, Size and Spacing.....					
„ „ „ „ „					
„ in Holds „ „					
<b>Longitud. „ „ „ „</b>					
<b>Centre Line Bulkhead S.</b>					
Stiffeners and Spacing...5.....	240 x 9.5-85 x 13				✓
	Long. frame				✓
Plating, thickness of .....	10-13				✓
<b>STRINGERS' AND DECKS.</b>					
<b>Uppermost Continuous Deck.</b>					
Stringer Plate, breadth and thickness in Wells	2500	22			✓
„ „ „ „ in way of Bridge	26				✓
„ Angle in Wells	150	150	20		✓
Thickness of Plating abreast Deck openings in way of Wells .....		22			✓
Thickness of Plating abreast Deck openings in way of Bridge .....					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness .....					
<b>Second Deck. Stringer III</b>	1300	11.5			✓
Stringer Plate, breadth and thickness in Wells...	F.B. 150	FLG			✓
Stringer Plate, breadth and thickness in way of Bridge .....					
Thickness of Plating abreast Deck openings in way of Wells .....					
Thickness of Plating abreast Deck openings in way of Bridge .....					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness .....					
<b>Third Deck. Stringer II</b>					
Stringer Plate, breadth and thickness.....	1300	11.5			✓
Plated, state thickness .....	150	90	11		✓
<b>Fourth Deck. Stringer I</b>					
Stringer Plate, breadth and thickness.....	1300	11.5			✓
Plated, state thickness .....	180	90	15		✓
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness .....	9.5				✓
Plating, Sheathing, material and thickness ..	7.5				✓
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....	2 1/2	avg.			✓
Plating, Sheathing, material and thickness ..					
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....	9.5				✓
Plating, Sheathing, material and thickness ..	9.				✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		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.	
FLAT PLATE KEEL .....	<del>1600</del> 1600	<del>25</del> 25	<del>21</del> 21	<del>21</del> 21		Double	25	103	Butts welded. Angle of riv 50°-60°			
„ DBLG. (if any)	1830-											
BOTTOM PLATING, No. of Strakes ..4.....	2210	18	15-20.5	13-18		"	22	91	"	"	"	"
BILGE PLATING, No. of Strakes ..1.....	2400	18	17	18		"	22	91	"	"	"	"
SIDE PLATING, No. of Strakes ..3.....	2240	17.5	12-13	13-18		"	22	80	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	1860	24.5	13-15	13-15	x See Lat London contract 26.3.38	"	25	103	"	"	"	"
UPPER DECK, Sheer-strake in Bridge ...		30				"	lower edge 22	80	"	"	"	"
STRAKE BELOW Sheer-strake in Wells.....	2120	20	12-14	12								
STRAKE BELOW Sheer-strake in Bridge ...						Single	19	76	"	"	"	"
POOP SIDE PLATING .....				10.5		"	19	76	"	"	"	"
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING				11								

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— //

Extending to Upper Deck (Sec. 3 c) //

„ Deck next below ✓

As per Rule

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....		Plate	Plate keel.	
<b>STEM</b> .....		Plate as appor.		
<b>STERN FRAME</b> {	Propeller Post .....	cast steel.	as appor.	Kohlsaat Jrms.
	Rudder .....	Forg.	270 #	A. B. Kohlsaat.
<b>Speed of Vessel</b> .....		12.5 knots		
<b>RUDDER—Type</b> .....		Simplex	Balance.	
" A x D	100 (mm)		1448	
" Diam. of head .....		Forg.	298 #	Kohlsaat Jrms. A. B. Kohlsaat.
" Mainpiece at top pintle				
" " heel ...				
" how constructed .....				
" double <del>or</del> single plate			16	
" coupling, vertical or				
" horizontal .....			Horizontal	

## STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
		mm.				
	C. & S. Tanks.					
MIDSHIP BULK'D,	Upper tween deck	10.5-12.5	250×90×11 I	830	3 beams as per apprx. plans.	
"	" Second "					
"	" Third "					
"	Holds	7.5	120×90×10 I	610		
			150×90×12 I	610		
			200×100×10 I			
			200×100×14 I	610		
COLLISION	(in Hold)	# 10	10.5-20	130×75×10 20		Deep tank top as per
AFTER PEAK	"	" 13.	7.5-9.5	200×75×9 I	600	aprx. plans.

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*  
*Gutehoffnungshütte. Deutsche Rohrwerke, Werk Thyssen Mülheim, Dortmund-Hörde.*  
*Lüthner. Dornier's Zement.*  
Has the Steel been tested as required by the Rules? *Yes.*

[illegible]

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.)

Please see separate list enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

The butts of shell, deck stringer and deck plating are butt welded.  
Angle of vee 50°-60° and opening at bottom of vee as per Rule.  
Connection of stringers to shell and bulkheads and welding of transverse bulkhead seams, butts and stiffeners as per approved plans.

Approved electrodes — see previous page

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

"Crimmer stern" Part electrically welded including butts of shell and deck plating  
"Bullders electrically welded"

Butts of shell & deck plating electrically welded

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

1st Bower  
2nd "  
3rd "  
Stream

56:0:6 J.Q. 1322 13-3-39. 29:1:1 J.Q. 1328 13-3-39.  
56:1:6 J.Q. 1323 13-3-39. 28:2:27 J.Q. 1327 13-3-39.  
56:1:8 J.Q. 1324 13-3-39. 28:2:23 J.Q. 1326 13-3-39.  
25:1:16 J.Q. 1325 13-3-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 99 ft., R.Q.D. ft., Bridge ft., Forecastle 72 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 8381 Signal Letters SMIN Extreme Breadth over Belting No belting. Over-all Length 510.8'.

No. and Material of Decks 1 Sk.

Parts of Bottom of Vessel coated with cement or approved composition Peak tanks and well at after mid E.R.

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,	33	267
Double bottom, under Engines and Boilers,			After peak tank, upper & lower (F.W.)	18-24	158+200
Double bottom, if under Engines only,			Deep tank, aft, Oil fuel bunkers		538
Double bottom, if under Boilers only,			Deep tank, forward,	33	470
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	79	305	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 28.

Date 15<sup>th</sup> March, 1938.

Dates of Surveys held while building

2/7. 11/10. 13/10. 17/10. 19/10. 21/10. 29/10. 27/10. 29/10. 1/11. 3/11. 7/11. 9/11. 11/11. 16/11. 17/11. 21/11. 23/11. 25/11. 29/11. 29/11. 31/12. 13/12. 14/12. 16/12. 23/12. 29/12. 1938. 1/1. 11/1. 13/1. 17/1. 19/1. 21/1. 29/1. 27/1. 29/1. 1/2. 3/2. 6/2. 23/2. 29/2. 1/3. 8/3. 9/3. 17/3. 11/3. 14/3. 18/3. 21/3. 22/3. 23/3. 29/3. 29/3. 31/4. 4/4. 6/4. 11/4. 12/4. 14/4. 15/4. 17/4. 21/5. 23/5. 4/5. 8/5. 9/5. 10/5. 11/5. 19/5. 19/5. 22/5. 23/5. 24/5. 26/5. 26/5. 29/5. 1/6. 2/6. 4/6. 5/6. 7/6. 13/6. 14/6. 15/6. 16/6. 17/6. 19/6. 27/6. 21/6. 23/6. 17/7. 19/7. 29/7. 29/7. 26/7. 29/7. 3/8. 4/8. 7/8. 8/8. 12/8. 15/8. 16/8. 21/8. 23/8. 28/8. 29/8. 29/8. 12/9. 15/9. 27/9. 29/9. 29/9. 1939. 29/9. 30/9. 4/10. 4/10. 6/10. 11/10. 13/10. 14/10. 16/10. 1939.

Lloyd's Register Foundation

Total No. of Visits 119.