

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 25 AUG 1945

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yesDate of completion of report 26<sup>th</sup> May 1943 Port of Copenhagen No. 11527Survey held at Copenhagen Date First Survey 10-10-41 Last Survey 6-3-43 19On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) steel single screw motor vessel "NAVITAS" (Mach? fitted aft)State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections R.Q.D. B.F.TONNAGE under Tonnage Deck ... 1721.47Do. of space or spaces between Tonnage Dk. and Upper Dk. -Total 1721.47Gross Tonnage 2273.30Register Tonnage 1164.43

## REGISTERED DIMENSIONS.

FEET

Length 260.6  
Breadth 41.4  
Depth 22.1CLASS +100 A1 State if with freeboard as condition of Class noLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 80.75Breadth (greatest moulded) 12.95Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 6.651st Longitudinal Number (L x D) 5372nd Numeral L x (B + D) 1583Framing Depth "d," at middle of length. See Sec. 3 (1d) 5.82Portions—Depth to Length—Uppermost continuous deck to top of keel 12.14Do. Long Bridge to top of keel 10.16Draught Moulded 5.90Built at CopenhagenLaunched 7-5-42 Yard No. 666Builders Bunneister & WainOwners A/S D/S NavitasManagers Navitas A/S København  
(Where necessary to be entered in Reg. Book)Residence CopenhagenPort of Registry CopenhagenIf surveyed while building, afloat, or in dry dock while building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.	IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	685		Bracket Floors, Frame	BA 180 75 9.5
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	685		" " Reversed Frame	BA 130 75 7.5
" " in peaks	610		" " Vertical Struts	brackets 9.5
SIDE FRAMING.			Centre Girder, depth and thickness amidships	890 10 1/2
Frame Amidships, Angle, E or C	230 90 11	upper deck	" " top Angles	75 75 9 1/2
" " Extends up to			" " bottom Angles	90 90 10 1/2
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	one 8
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	665 10 1/2
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	75 75 9 1/2 app. 8 1/2
Frames in Uppermost Continuous 'tween Decks, Angle, C or E			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	75 75 9 1/2 - 4 -
" " Second 'tween Decks, Angle, C or E			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	every 2' 1/2 9 1/2
" " Third			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	- 4 -
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	250 90 9 1/2 app. 230 90 11		Tank Side Brackets, height above base line at toe of Frame and thickness	1312 10 1/2 app. 9 1/2
" " in Peaks, Angle or C	150 75 8 1/2		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 - 135		Breadth and thickness of Middle Line Strake	9 1/2
State if Frame Joggled	yes		Thickness of remainder in Holds	9 1/2
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes		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
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, C or E	150 75 11 1/2
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or C	200 75 10 1/2
Height of Brackets at side above base line at toe of frame			" " Spacing	every frame
Middle Line Keelson, on Floors, Angles, C or E			Second Deck, amidships, Angle, E or C	165 75 11 -
" " Through Plate or Inter-costal Plate			" " Spacing	every frame
" " Foundation Plate on Floors			Third Deck, amidships, Angle, C or E	130 75 8
" " Flat Plate Keel Angles			" " Spacing	every frame
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, C or E	200 75 10 1/2
" " thickness of Inter-costal Plate			R-Q.D.	140 65 8
" " Angles			Roop Deck, Angle, E or C	150 75 9 1/2 with 150 x 75 x 12 1/2
DOUBLE BOTTOM.			" " Spacing	every frame
Solid Floors, thickness and spacing	9.5 every 2' 1/2 app. 9		Bridge Deck, Angle, E or C	165 75 8
" " Are Frame and Reversed Frame joggled?	yes		" " Spacing	every frame
Bracket Floors, breadth and thickness at middle line	660/550 9.5 app. 9		Forecastle Deck, Angle, E or C	165 75 8
" " breadth and thickness at margin plate	660/550 9.5 - - -		" " Spacing	every frame



## PILLARS AND DECKS.

PILLARS		Any Departure from Approved Plans to be Noted.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	2	1			
" in 'tween Decks, Size and Spacing	✓				
" " " " "	✓				
" in Holds " " "	390	Diam. 12 1/2 thick			
" " " " "	(4 1/2 in all)	1			
Centre Line Bulkhead.					
Stiffeners and Spacing	✓				
Plating, thickness of	✓				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	1650	13	1		
" " " " in way of Bridge	17		1		
" Angle in Wells	150	150	14	1	
Thickness of Plating abreast Deck openings in way of Wells	8-9		1		
Thickness of Plating abreast Deck openings in way of Bridge	9		1		
Thickness of Plating within line of openings	8		1		
If Sheathed, material and thickness			✓		
Second Deck.	all				
Stringer Plate, breadth and thickness in Wells	7 1/2 - 8 1/2		1		
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					
Third Deck.					
Stringer Plate, breadth and thickness					
If Plated, state thickness					
Fourth Deck.					
Stringer Plate, breadth and thickness					
If Plated, state thickness					
R. & D. Fore Deck.					
Stringer Plate, breadth and thickness	1500	9 - 12 1/2	1		
Plating, Sheathing, material and thickness	7 1/2 - 8 1/2	1	2 1/2	Pine	
Bridge Deck.					
Stringer Plate, breadth and thickness	1450	9	1	app. 890	
Plating, Sheathing, material and thickness		9	1		
Forecastle Deck.					
Stringer Plate, breadth and thickness	850	8	1	app. 660	
Plating, Sheathing, material and thickness	7 1/2 - 12		1		

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <i>Mo</i>	SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.						Diam.	Spacing cr. to cr.	
Flat Plate Keel.....	<i>1020</i>	<i>.60</i>	<i>.60</i>	<i>.62</i>		<i>double</i>	<i>7/8</i>	<i>3 1/2</i>				
"    Dblg. (if any)		✓					✓					
Bottom Plating, No. of Strakes ..... <i>3</i>	<i>2500</i>	<i>12 1/2</i>	<i>17 1/2</i>	<i>10 1/2</i>		<i>double</i>	<i>3/4</i>	<i>3</i>				
Bilge Plating, No. of Strakes ..... <i>1</i>	<i>1700</i>	<i>12 1/2</i>	<i>17 1/2</i>	<i>10 1/2</i>		<i>- - -</i>	<i>3/4</i>	<i>3</i>				
Side Plating, No. of Strakes ..... <i>1</i>	<i>1700</i>	<i>12 1/2</i>	<i>17 1/2</i>	<i>10</i>		<i>- - -</i>	<i>3/4</i>	<i>3</i>				
Upper Deck, Sheer-strake in Wells.....	<i>1950</i>	<i>14</i>	<i>10 1/2</i>	<i>10</i>		<i>- - -</i>	<i>7/8</i>	<i>3 1/2</i>				
Upper Deck, Sheer-strake in Bridge ends at poop and	<i>1950</i>	<i>17 1/2</i>	✓	✓		<i>- - -</i>	<i>7/8</i>	<i>3 1/2</i>				
Strake below Sheer-strake in Wells.....	<i>1750</i>	<i>12 1/2</i>	<i>16</i>	<i>10</i>		<i>- - -</i>	<i>3/4</i>	<i>3</i>				
Strake below Sheer-strake in Bridge ...		✓					✓					
R.Q.D. Poop Side Plating.....	<i>1500</i>	<i>12</i>		<i>9</i>		<i>double</i>	<i>7/8</i>	<i>3 1/2</i>				
Bridge Side Plating.....		<i>9</i>				<i>single</i>	<i>7/8</i>	<i>4</i>				
Forecastle Side Plating			<i>8 1/2</i>			<i>- - -</i>	<i>5/8</i>	<i>2 1/2</i>				

*electric welded*

*✓ laid of 1/2 L laid: - 7/8" 3 1/2"*

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 4.  
Extending to Upper Deck (Sec. 3 c) 3 "  
,, Deck next below 1 "  
As per Rule 3.

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, (Bar) <i>flat plate</i>		—	↑	
STEM <i>Soft wood and hot</i>	<i>Casting</i>	<i>shaped</i>	<i>brass</i>	
STERN FRAME { Propeller Post .... Rudder .....	—	<i>shaped</i>	<i>wood</i>	
Speed of Vessel .....		<i>10 3/4 knots</i>		
RUDDER—Type				
" A × D .....				
" Diam. of head .....		<i>195</i>	<i>Z</i>	<i>h.w.</i>
" Mainpiece at top pintle		<i>welded plate construction</i>		
" " heel ...		<i>with castings top and bottom</i>		
" how constructed .....				
" double or single plate coupling, vertical or horizontal		<i>double</i>		
		<i>horizontal</i>		

## STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks		✓			
"	" Second "		✓			
"	" Third					
"	" Holds	b. 35 10 1/2 - 6 1/2	230 1/2 - 12 1/2	72 5/8		
"	"	b. 24 9 - 6 1/2	230 1/2 - 11 1/2	72 0		
COLLISION	" b. 110 Hold	above peak	130 1/2 - 8 1/2	610	610 x 11 1/2	at 6'
"	"	below	180 1/2 - 9 1/2			
AFTER PEAK	" b. 7 "	above recess	130 1/2 - 9 1/2			
"	"	below	200 1/2 - 12 1/2		Recess	

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth

Plates:- Domanovo Domanov etc.

Profiles:- — — etc.

Has the Steel been tested as required by the Rules? see letter attached hereto



EQUIPMENT No. 1682										LETTER T		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53. Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.					lbs.
3703	1st Bower	35	0	27	✓	✓	✓	32	11	1	0	} - gpusa "	Munn.	Magdeburg Bremen	
3705	2nd "	34	2	26	✓	✓	✓	32	3	3	0		Oltho Guesen	7/42 N. Stockholm	
3704	3rd "	34	2	17	✓	✓	✓	32	3	3	0		e Co.		
	Collective weight	104	2	14								101 - 0 . 0			
3706	Stream	8	3	12	2	2	2	11	0	0	0	9 - 1 . 0	stock anchor	- - -	- - -
														HAWSERS AND WARPS.	

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.
	<sup>Pathmos</sup> <del>m</del>	<sup>2</sup> <del>2</del>	<sup>tons</sup> <del>2 1/2</del>	<sup>tons</sup> <del>2 1/2</del>	<sup>Gwt. lbs.</sup> <del>11 1/2</del>	<sup>lbs.</sup> <del>11 1/2</del>	<sup>Pathmos</sup> <del>2</del>	<sup>2</sup> <del>2</del>					<sup>Pathmos</sup> <del>2</del>	<sup>2</sup> <del>2</del>	<sup>tons</sup> <del>2 1/2</del>	<sup>Pathmos</sup> <del>m</del>	<sup>2</sup> <del>2</del>
410	440	4 1/4	54880	76800	1919.7	18550	440	4 1/4	shd link	Munn. Rammas Bruks P/S	Rammas 9/4/42 K. J. anderson	TOWLINE HAWSERS & WARPS	165	89	26110	165	89
													2x165	57	10970	2x165	57

Steering Gear, Type (Power or hand) Th. B. Thuege (electric) Alternative Means of Steering Th. B. Thuege (direct)  
 Steering Chains (Size and Test) Belmont Windlass de Forende Maskinfabrik Boats 2 @ 7315 x 2285 x 1040 Z  
 Lifting in Holds, thickness and material 652 pine Cargo Battens, thickness, material and spacing not fitted  
 Cargo Hatchways.—(Upper Deck) Trunk hatchways as approved Thickness of Hatches 652 pine  
 No. of Hatchways No. 1 (Fwd.) 17.125 x 5.800 No. 2 17.125 x 5.800 No. 3 No. 4 No. 5 No. 6  
 Number of Shifting Beams } No. 1 - 11 off , No. 2 - 11 off  
 Builder's Signature for W. Sanderson

**GENERAL DECLARATION.** It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. is a motorship  
 (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 (where required to be inserted in the Notation).  
Vessel fitted for carrying oil fuel in double bottom tanks. F.P. of oils above 150° F. requirements of sec. 20 complied with. Requirements of Sec. 40 complied with.  
The vessel has been built in accordance with the approved plans, the Society's Rules, the Secretary's letters and to our satisfaction.  
The material and workmanship employed during construction of the vessel are of good quality.  
All the double bottom tanks, peak tanks, deck tank amidships and F.W. tanks (fore & aft of A.P. tank), weather decks, gutterways, W.T. bulkheads, scuppers and air- and sounding pipes water tested according to Rules.  
W.T. door, windlass and steering arrangements tried and found satisfactory.

The amount of Entry Fee.....N. £ 135.00 Fees applied for, 1.4. 19 43.  
 Special Survey Fee.....N. £ 4304.00 Received by me,  
 Travelling Expenses, if any .....N. £ 15.65 19

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

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

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to surveyors office, Copenhagen Date of issue 13/3/46

Committee's Minute

Character assigned

FRI. 4 JAN 1946

+100 A1

10.45 Gal

Streamliner - for navigation in sea

Date of build 1943-3 mo

Write Cpx (Rom)

11618

+ LMC 1.45

S 12.44

015417-015423-0049 1/2



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 vessel was placed in dry dock, generally examined and found satisfactory in October 1942.

PARTICULARS OF ELECTRIC WELDING (if employed) following parts elec. welded: -

Bulbs of shellplating  
Seams and bulbs of bulkheads in holds  
Seams and bulbs of decks.

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

Cruiser stern  
Strengthened for navigation in ice.  
Cargo battens not fitted.

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

	1st Bower	2nd	3rd	Head	Shank		
22.2.5	NS	2883	18.12.41	10.1.21	NS	2886	18.12.41
22.1.4	NS	2889	6.1.42	10.0.16	NS	2888	18.12.41
22.0.4	NS	2884	18.12.41	10.1.23	NS	2887	18.12.41

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 84.3 ft., Bridge 31.5 ft., Forecastle 31.1 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

Official No. ☒ Signal Letters OZMQ Extreme Breadth over Belting ☒ Over-all Length 283'-3 3/4" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 dk. stl.

Parts of Bottom of Vessel coated with cement or approved composition yes

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.	Tons.
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Engines only,	45' 29.2	45	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	180	466	Other tanks, if fitted, Deck tank amidships	31.5	160
Total length (if continuous) and Capacity	225' 209.2	511	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 168

Date 29-5-42

Dates of Surveys held while building

1941 10/10 20/10 29/10 1/12 15/12  
1942 6/1 13/1 14/1 16/1 22/1 5/2 19/2 2/3 6/3 10/3 13/3 23/3 27/3 1/4 11/4 13/4 17/4 20/4 21/4 24/4 29/4 4/5 21/5 8/6  
15/7 26/8 18/9 19/10 22/10 20/11 30/12  
1943 9/2 20/2 6/3

Total No. of Visits 39