

STEEL STEAMER or MOTORSHIP.

Received at London Office

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 *28th September, 1942* Port of *Stockholm*No. *5540*Survey held at *Stockholm* Date First Survey *28.8.1941* Last Survey *19.9.1942*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Machinery aft single sc. tanker "DIVINA"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling*

State Type of Erections

TONNAGE under Tonnage Deck... *492*CLASS *100 A1*

State if with freeboard as condition of Class

Built at *Stockholm*

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

Length from fore part of stem to after part of stern } *L 170'*
most on summer L.W.L. See Sec. 3 (1a)Breadth (greatest moulded) *B 29'-6"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 14'-6"*1st Longitudinal Number (L x D) *= 2465*2nd Numeral L x (B + D) *= 2480*Framing Depth "d," at middle of length. See Sec. 3 (1d) *11.22*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.22*
Do. Long Bridge to top of keelDraught Moulded *13'*Launched *2nd June 1942* Yard No. *178*Builders *G. Skensbeys Varva*Owners *Rederi A. Diana*Managers *Gore Ulff*
(Where necessary to be entered in Reg. Books)Residence *Stockholm*Port of Registry *Stockholm*

If surveyed while building, afloat, or in dry dock

Building, afloat & on pontoon.

REGISTERED DIMENSIONS.

Length *176.8*Breadth *29.6*Depth *14.6*

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	<i>580</i>		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	<i>580</i>		" " Reversed Frame	<i>None fitted</i>	
" " in peaks.....	<i>580</i>		" " Vertical Struts	<i>Longitudinal bulkhead (in cargo tanks)</i>	
" " in way of COFFER DAMS	<i>300</i>		Centre Girder, depth and thickness amidships		
SIDE FRAMING.			" " top Angles	<i>—</i>	
Frame Amidships, Angle, <i>E or F</i>	<i>20 x 5 8</i>		" " bottom Angles	<i>—</i>	
" " Extends up to <i>chain deck</i>			Side Girders, No. each side and thickness	<i>One 9" in way of CARGO TANKS " 13" in way of ENGINE ROOM</i>	
ICE FRAME FORE			Margin Plate depth (excl. of flange) and thickness		
Reversed Frame Amidships, Angle	<i>20 x 5 8</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
" " Extends up to <i>chain deck</i>			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	<i>None</i>	
Depth of Framing Girder	<i>—</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>fitted</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>—</i>		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>—</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>610 long x 9</i>	
" " Third " " " "	<i>—</i>		INNER BOTTOM PLATING, in E ROOM		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	<i>—</i>		Breadth and thickness of Middle Line Strake		
" " in Peaks, Angle, <i>E or F</i>	<i>20 x 5 8</i>		STRAKES FITTED AFTWARD SHIP		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>E.W.</i>		Thickness of remainder in Holds E ROOM	<i>8" in way of</i>	
State if Frame Joggled	<i>No</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & D. space and framing in Bunkers and Boiler Room?	<i>Yes.</i>	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes</i>		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes</i>		Uppermost Continuous Deck, amidships	<i>20 80 8</i>	<i>120 x 25 x 8</i>
SINGLE BOTTOM, in way of DRY HOLD			" " in Wells, Angle, <i>E or F</i>	<i>20 60 8</i>	
Floors, Depth and thickness at mid-line in Holds	<i>450-700 2</i>		" " in way of Bridge, Angle, <i>E or F</i>	<i>20 60 8</i>	
Height of Brackets at side above base line at toe of frame	<i>—</i>		Exp. TRUNK Spacing	<i>580</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>(450-700) 8</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>—</i>	
" " Through Plate or Intercostal Plate	<i>—</i>		Spacing	<i>—</i>	
" " Foundation Plate on Floors	<i>—</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>—</i>	
" " Flat Plate Keel Angles	<i>—</i>		Spacing	<i>—</i>	
Side Keelsons, No. each side	<i>None</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>—</i>	
" " thickness of Intercostal Plate	<i>fitted</i>		Spacing	<i>—</i>	
" " Angles	<i>—</i>		Poop Deck, Angle, <i>E or F</i> <i>BULB ANGLE</i>	<i>150 25 2.5</i>	
DOUBLE BOTTOM, AFT in E SPACE			Spacing	<i>1160</i>	
Solid Floors, thickness and spacing	<i>8 x 580</i>	<i>Appd. 7.5</i>	Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>—</i>	
" " Are Frame and Reversed Frame joggled?	<i>No</i>		Spacing	<i>—</i>	
Bracket Floors, breadth and thickness at middle line	<i>None</i>		Forecastle Deck, Angle, <i>E or F</i>	<i>90 60 8</i>	
" " breadth and thickness at margin plate	<i>fitted</i>		Spacing	<i>580</i>	

PILLARS AND DECKS.										
		Tonnage 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.....		—				Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing.....		—				Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "		—				Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " "		—				Thickness of Plating within line of openings.....				
" " " " " "		—				If Sheathed, material and thickness				
Centre Line Bulkhead.						Third Deck.				
Stiffeners and Spacing.....		4/20 25 8				Stringer Plate, breadth and thickness.....				
SPACING		580				If Plated, state thickness.....				
Plating, thickness of		8				Fourth Deck.				
STRINGERS AND DECKS.						Stringer Plate, breadth and thickness.....				
Uppermost Continuous Deck.						If Plated, state thickness				
Stringer Plate, breadth and thickness in Wells		8 and 12				Poop Deck.				
STAKES FITTED AHWART 64/75						Stringer Plate, breadth and thickness			450 x 7 1/2 Aprd. 6.5	
" " " " in way of Bridge						Plating, Sheathing, material and thickness			Plating 6.5	
" Angle in Wells		E-welding				Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Wells		8 & 12				Stringer Plate, breadth and thickness.....				
Thickness of Plating abreast Deck openings in way of Bridge		—				Plating, Sheathing, material and thickness				
Thickness of Plating within line of openings.....		8 and 12				Forecastle Deck.				
If Sheathed, material and thickness		—				Stringer Plate, breadth and thickness.....				
Second Deck.						STAKES FITTED AHWART 64/75				
Stringer Plate, breadth and thickness in Wells.....		—				Plating, Sheathing, material and thickness			6.5	

SCANTLINGS.				RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No.</i>			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 or to cr.		Diam.	Spacing or to cr.	
	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>			<i>Inches.</i>	<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>		
FLAT PLATE KEEL	<i>1850</i>	<i>12</i>	<i>12</i>	<i>12</i>		<i>Electrically welded</i>	<i>16</i>	<i>65</i>					
„ DELG. (if any)	-	-	-	-		-							
BOTTOM PLATING, No. of Strakes}		<i>9.5</i>	<i>13.0</i>	<i>9.0</i>	<i>Appl 8.5 aft</i>	<i>Double riveted</i>	<i>19</i>	<i>65</i>		<i>All butts electrically welded.</i>			
BILGE PLATING, No. of Strakes}		<i>9.5</i>	<i>13.0</i>	<i>8.5</i>		<i>Electrically welded</i>							
SIDE PLATING, No. of Strakes}		<i>9.5</i>	<i>13.0</i>	<i>8.5</i>									
UPPER DECK, Sheer-strake in Wells}	<i>1500</i>	<i>10.0</i>	<i>11.0</i>	<i>10.0</i>		<i>Double riveted</i>							
UPPER DECK, Sheer-strake in Bridge ...}													
STRAKE BELOW Sheer-strake in Wells}													
STRAKE BELOW Sheer-strake in Bridge ...}													
POOP SIDE PLATING				<i>7.0</i>		<i>Single</i>	<i>16</i>	<i>65</i>					
BRIDGE SIDE PLATING ...				<i>7.0</i>		<i>Double</i>	<i>16</i>	<i>65</i>		<i>Electrically welded</i>			
FOREC'TLE SIDE PLATING				<i>7.0</i>		<i>Single</i>	<i>16</i>	<i>65</i>					

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule	
		STIFFENERS.					
Plating Thickness.		VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper tween decks		-					
" " Second		-					
" " Third		-					
" E. ROOM " Holds		8-8	1/20 x 25 x 8	650	380 x 10	-	
COLLISION " (in Hold)		8-2.5	1/20 x 25 x 8	610	580 x 7.5		
AFTER PEAK " " S. & C.		10-2.5	1/45 x 25 x 8	600			
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					
		Domnarque's Fermeux, of Domnarque, Degerfors Fermeux & Co., of Degerfors, and Rust Stahl & Eisenwerke, of Dillingen-Ruhr.					
		Has the Steel been tested as required by the Rules? Yes.					

ANCHORS

HAWSERS AND WARPS.

Steering Gear, Type (Power or hand) *Hand steering* Alternative Means of Steering *By blocks.*

Steering Chains (Size and Test) *3/4" 6820 and 13640 Lbs.* Windlass *Elect. T. B. Frige* Boats *Two life boats*

Ceiling in Hold~~s~~, thickness and material *2 1/3" White pine* Cargo Battens, thickness, material and spacing *None fitted*

Cargo Hatchways.—(Upper Deck) *Steel coaming 830 mm high* Thickness of Hatches *10 mm plate*

Size of Hatchways No. 1 (Fwd.) *2300 x 2300* No. 2 *~* No. 3 *~* No. 4 *~* No. 5 *~* No. 6 *~*

Number of Shifting Beams } *None fitted*
and/or Fore and Afters }

Builder's Signature *A. B. EKENSBERGS VARV*
A. B. Ekenberg

The amount of Entry Fee 16/- : 76/- — Fees applied for, 49 9 19 48
Special Survey Fee... 16/- 1833/- Received by me, 19
FREEBOARD " 150/-
Travelling Expenses, if any 16/- 20/- — 19
DUE TO THE GOVERNMENT OFFICE

I am of opinion the Vessel should be Classed ***100 A1**
CARRYING PETROLEUM IN BULK
STRENGTHENED FOR NAVIGATION IN ICE.

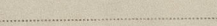
R. F. Anderson
Signature
Surveyor to Lloyd's Register of Shipping.

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

Certificate to be sent to **Home Office** Date of issue

Committee's Minute

Character assigned

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Gargings and castings reports in respect of stern frame, rudder frame and rudder head are being retained in this office and will be forwarded, together with the original of this report, when the postal communications permit.

Copy of Interim Certificate, as issued to the Builders, is attached hereto.

This vessel is a sister ship to the ^{NY} "Glan", Messrs. Skensbeug Yaw's Yard No 122. Please, see Stockholm Report No 5332.

PARTICULARS OF ELECTRIC WELDING (if employed)

Decks, bulkheads, butts, and landings of shell plating, And motor ratings. Electrodes used:—OK 52. except bilge stake seams and butts of shell at ends

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

Carrying petroleum in bulk. Strengthened for navigation in ice. Notation regarding welding.

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

1st Bower	497 kgs.	K.E.	10	9.7.1941.
2nd "	421 "	K.E.	9	9.7.1941.
3rd "	670 "	K.E.	11	9.7.1941.
Stream	270 "	K.E.	12	9.7.1941.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.7 ft., R.Q.D. ft., Bridge ft., Forecastle 12.5 ft.

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

Official No. 8542 Signal Letters SIXD Extreme Breadth over Belting 29.6' Over-all Length 181.2' (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck; steel.

Parts of Bottom of Vessel coated with cement or approved composition. Fore and after peak tanks, bilges in dry hold and bilges in E-space coated with cement.

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,		29
Double bottom, under Engines and Boilers,			After peak tank,		18
Double bottom, if under Engines only,	15.0	11.8	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	5.2	62
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3.

Date 8th April, 1941.

Dates of Surveys held while building

38, 4, 12, 22, 18, 24, 22, -1941
8 9 10 11

5, 12, 2, 12, 2, 23, 30, 14, 22, 28, 2, 8, 9, 11, 16, 1, 2, 8, 22, 30, 13, 30
1 2 3 4 5 6 7 8

8, 15, 28, 1, 2, 7, 10, 11, 15, 19, -1942
8 9

Total No. of Visits 39