

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office 20 JAN 1930

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 *18th January 1930* Port of *Gothenburg* No. *7779*
Survey held at *Gothenburg* Date First Survey *8th May 1929* Last Survey *11th January 1930*On the *(State if Machinery fitted Aft and* *Single Screw Motor Vessel "VASA HOLM"*
*if Single, Twin or Triple Screw)*State Type *(Full Scantling, Complete Superstructure* *Complete Superstructure with Tonnage* State Type of Erections *Full or Shelter Dr.*
with or without Tonnage Openings) *Opening*TONNAGE under *3652.17* CLASS *+ 100. A.1.* State if with freeboard *Yes* Built at *Gothenburg*
Tonnage Deck... *(as condition of Class)*Do. of space or spaces *(State if with freeboard)* Length from fore part of stem to after part of stern } L *390.0*
between Tonnage Dk. } post on summer L.W.L. See Sec. 3 (1a) }
and Upper Dk. }Total Breadth (greatest moulded) B *52.5* Builders *A.B. Gustaverken*Gross Tonnage *4216.72* Depth, at middle of length from top of keel to top } D *35.25* Owners *A.B. Svenska Amerika Mexiko Linien*
of beam at side of uppermost continuous } *34.25*Register Tonnage *2475.48* 1st Longitudinal Number (L x D) *(Metric)* = *13358* Managers *V. R. Olburs*
*(Where necessary to be entered in Reg. Book.)*REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See } *22.75* Residence *Gothenburg*
Length *390.56* Sec. 3 (1d) } *(6.934 metres)* Port of Registry *Gothenburg*Breadth *52.66* Proportions—Depth to Length—Uppermost con- } *11.06* If surveyed while building, afloat, or in dry dockDepth *23.56* Draught Moulded *23.56* Building, afloat & in floating dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. m.m.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. m.m.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	710		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision } bulkhead.....}	710		" " Reversed Frame		
" " in peaks.....	610		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>1065 x 13.5</i>	
Frame Amidships, Angle, E or [.....	<i>280 90 13.5</i>		" " top Angles <i>double</i>	<i>90 90 13</i>	
" " Extends up to	<i>2nd deck</i>		" " bottom Angles <i>double</i>	<i>100 100 15</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>2 @ 9.5</i>	
" " Extends up to...			Margin Plate depth (excl. of flange) and thickness	<i>930 x 13</i>	
Depth of Framing Girder.....	<i>280</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>140 140 12</i>	
Frames in Uppermost Continuous 'tween } Decks, Angle, E or [.....	<i>127 76 9.5</i>	<i>scantling every frame</i>	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<i>140 140 12</i>	
" " Second 'tween Decks, Angle, [or [.....			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	<i>90 90 12</i>	
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....	<i>90 90 12</i>	
Framing in Peaks, Angle or [.....	<i>180 90 10.5</i>		Tank Side Brackets, height above base line at toe of Frame and thickness }	<i>1675 x 11.5</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>22 @ 160</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake ...	<i>1320 x 12.5</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	<i>Deep frames & stringers as per plan.</i>		Thickness of remainder in Holds	<i>10.5</i>	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	<i>Increased bottom stiff by the intercostals and double rivets frames.</i>		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 ?.....	<i>Yes</i>	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in } Holds			Uppermost Continuous Deck, amidships } <i>through beams</i> in Wells, Angle, E or [.....	<i>230 90 11</i>	
Height of Brackets at side above base line at toe of frame			" " <i>half beams</i> in way of Bridge, Angle, } E or [.....	<i>180 75 10.5</i>	
Middle Line Keelson, on Floors, Angles, } [or [.....			Spacing	<i>710</i>	
" " " Through Plate or } Intercostal Plate... }			Second Deck, amidships, Angle, E or [<i>thru</i> } <i>half</i>	<i>280 90 12</i>	
" " " Foundation Plate on } Floors			Spacing	<i>200 75 11</i>	
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or [<i>thru</i> } <i>half</i>	<i>250 90 11</i>	
Side Keelsons, No. each side			Spacing	<i>180 75 8.5</i>	
" " thickness of Intercostal Plate...			Fourth Deck, amidships, Angle, [or [.....		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [.....		
Solid Floors, thickness and spacing	<i>9.5 @ 710</i>		Spacing		
" " Are Frame and Reversed Frame } joggled ?..... }	<i>Yes</i>		Bridge Deck, Angle, [or [.....		
Bracket Floors, breadth and thickness at } middle line..... }	<i>✓</i>		Spacing		
" " breadth and thickness at } margin plate..... }	<i>✓</i>		Forecastle Deck, Angle, E or [.....	<i>200 75 11</i>	
			Spacing	<i>180 75 10.5</i>	
				<i>710 x 610</i>	

PILLARS AND DECKS.

	LOCOMES IN SHIP. No. m.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP. No. m.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	one		✓	
" in 'tween Decks, Size and Spacing.....	wide spaced. as per plan		8.5	
" " " " "			✓	
" in Holds " "			8.5	
" " " " "			✓	
Centre Line Bulkhead.				
Stiffeners and Spacing.....	180 180 280 3 1/2 @ 1420		8.5	
Plating, thickness of	7.5		7.5	
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	1450 x 12			
" " " " in way of Bridge	✓			
" Angle in Wells	130 130 12.5			
Thickness of Plating abreast Deck openings in way of Wells	11.5			
Thickness of Plating abreast Deck openings in way of Bridge	✓			
Thickness of Plating within line of openings...	9.0			
If Sheathed, material and thickness	✓			
Second Deck.				
Stringer Plate, breadth and thickness in Wells...	1450 x 9.5		8.5	
Plating, Sheathing, material and thickness ...			8.5	
Stringer Plate, breadth and thickness in way of Wells			8.5	
Thickness of Plating abreast Deck openings in way of Bridge			✓	
Thickness of Plating within line of openings...			8.5	
If Sheathed, material and thickness			✓	
Third Deck. forward				
Stringer Plate, breadth and thickness.....			8.5	
If Plated, state thickness.....			7.5	
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness ...				
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ...				
Forecastle Deck.				
Stringer Plate, breadth and thickness.....			8.5	
Plating, Sheathing, material and thickness ...			8.5	

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.	
	Inches. No. 744.	Inches. No. 744.	Inches. No. 744.	Inches. No. 744.				Inches. No. 744.	Inches. No. 744.	Inches. No. 744.	Inches. No. 744.	
FLAT PLATE KEEL	1350	18.5	16.5	16.5	1285	double	22	89	4	22	90	lapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes	11	14.0	19.5 12.0	12.0		double	22	89	3	22	80	lapped
BILGE PLATING, No. of Strakes	14	14.0	19.5 12.0	12.0		"	"	"	3	"	"	"
SIDE PLATING, No. of Strakes	13	13.5	19.5 11.5	11.5		"	"	"	3	"	"	"
UPPER DECK, Sheer-strake in Wells	1800	16.0	11.5	11.5		"	"	"	4	"	90	"
UPPER DECK, Sheer-strake in Bridge												
STRAKE BELOW Sheer-strake in Wells	1980	15.0	11.5	11.5		double	22	89	3	22	80	lapped
STRAKE BELOW Sheer-strake in Bridge												
POOP SIDE PLATING												
BRIDGE SIDE PLATING												
FORECASTLE SIDE PLATING		10.5				single	22	90	2	22	80	lapped

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 ^{7th} Upper Deck (Sec. 3 c) <i>Collision Bulk.</i>					
„ Deck next below <i>6 6.</i>					
As per Rule <i>6.</i>					
		STIFFENERS.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULK'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds <i>10 85</i>	<i>6.5-10</i>	<i>230x90x115</i>	<i>890</i>		
COLLISION „ (in Hold) <i>8.5-13.5</i>	<i>150x75x10.5</i>	<i>610</i>	<i>2 hof. girders</i>		
AFTER PEAK „ „ <i>7.5-9.0</i>	<i>180x75x11.5</i>	<i>610</i>	<i>1 hof. girder</i>		
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		<i>Open hearth process.</i>			
<i>Withnitzer Bergbau- und Eisenhütten; Gutehoffnungshütte, Oberhausen; A. Colville & Sons Ltd; Vereinigte Stahlwerke A.G.</i>					
Has the Steel been tested as required by the Rules? <i>Yes.</i>					

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 following plans are now forwarded:—

Midship Section

Profile & Decks & Shele Expansion

W.T. Bulkheads.

Panting Arrangements

Wing Tanks & Tunnel

Aft Peak.

Engine Seats

Stem Frame & Rudder

Steering Gear.

Also. Midship Section & Profile & decks as built
and forging & casting reports forwarded.

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

1st Bower ^{C.S.L.} 38.3.19; K.H.; 6593; 28.6.29
2nd „ 38.2.14; M.B.; 6531; 14.6.29
3rd „ 32.2.17; K.H.; 6456; 28.5.29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. _____ ft., Bridge _____ ft., Forecastle 32 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) 1 dk (shl) + shr. dk (shl) 3rd dk (shl) in forward hold.

Official No. 7588; Signal Letters KHBZ Is bottom of Vessel coated with cement part. if not give particulars of composition Peaks & feed water tank under Engines cemented.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, including wing tanks ^{W.B. & OF.} _{OF = 567.}	121	644	Fore peak tank, <u>dry</u>		
Double bottom, under Engines and Boilers,			After peak tank, <u>W.B.</u>	24	78
Double bottom, if under Engines only, ^{21 tons OF; 17 tons F.W.} _{19 tons hull oil}	35	275	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, <u>483 tons OF. or W.B.</u>	177	549	Other tanks, if fitted,		
Total capacity of double bottom		1468	(If necessary, furnish further information by sketch.)		

Total length of D.B. = 333 ft.

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 161

Date 7th Feb, 1929

Dates of Surveys
held while building

1927 May 8. 17. 23. 30. June 4. 6. 21. July 5. 12. 19. 27. 29. 30. August 2. 7. 15. 16. 31. September 10. 16. 18. 27.
October 1. 3. 4. 9. 15. 22. 25. 29. November 6. 7. 8. 12. 14. 18. 20. 20. December 4. 7. 10. 13. 16. 17. 18. 20. 20. 22.
22. 23. 28. 29. 30. 30. 1930 3. 3. 7. 8. 8. 9. 10. 11.

Lloyd's Register
Foundation

Total No. of Visits 62