

STEEL STEAMER or MOTORSHIP.

Received at London Office 29 JUL 1929

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 *22nd of July 1929* Port of *Rotterdam* No. *18649*Survey held at *Rotterdam* Date First Survey *29th of November* Last Survey *18th of July 1929*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Steel Twin Screw Motorship, "BELGIAN GULF"*State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of Erections *Forecastle*TONNAGE under Tonnage Deck... *7507.42* CLASS *100A1* State if with freeboard as condition of Class *no* Built at *Rotterdam*Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 450'-0"* Launched *20/4-29* Yard No. *145*Total Breadth (greatest moulded) *B 61'-0"* Builders *N.V. Burgerhout's Mach. fab. & Scheepswerf*Gross Tonnage *8400.50* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34'-6"* Owners *S.A. d'Arment d'Industrie & de Commerce*Register Tonnage *4601.28* 1st Longitudinal Number (L x D) *= 15525* Managers *"* (Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) *= 42971* Residence *Antwerp*REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.04* Port of Registry *"*Length *450.37* Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.04* If surveyed while building, afloat, or in dry dockBreadth *61.33* Do. Long Bridge to top of keel *26'-5 7/8* *Building.*Depth *34.42* Draught Moulded *26'-5 7/8*

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>27</i>		Bracket Floors, Frame	<i>✓</i>	
" " from $\frac{3}{4}$ length to Collision bulkhead	<i>27</i>		" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>✓</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>1520 to 1200 x 14 1/2 to 11 1/2</i>	
Frame Amidships, Angle, <i>E or C</i>	<i>10 3 1/2 44</i>		" " top Angles	<i>90 90 13</i>	
" " Extends up to	<i>Summer tank deck</i>		" " bottom Angles	<i>130 130 15</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>All in accordance with approved plan showing</i>	
Depth of Framing Girder	<i>Bulb angle frames</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or C</i>	<i>9 3 1/2 44</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " <i>forehold</i> Second 'tween Decks, Angle, <i>E or C</i>	<i>8 1/2 3 1/2 44</i>	<i>✓</i>	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " <i>Motor space</i> Third 'tween Decks, Angle, <i>E or C</i>	<i>10 3 1/2 48 (replans)</i>	<i>✓</i>	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		<i>Motor seating.</i>
Framing in Peaks, Angle or <i>C</i>	<i>9 3 1/2 44</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 5 1/4 and as approved.</i>	<i>✓</i>	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>1000 1600 x 16-15</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Two panting stringers with beams at alternate frames and further as per plan</i>	<i>✓</i>	Thickness of remainder in Holds	<i>For accordance with approved plan</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double ironed frames side keelsons and webframes all as approved.</i>	<i>✓</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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>38 42</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or C</i>	<i>250 90 13 1/2</i>	
Height of Brackets at side above base line at toe of frame	<i>level floors</i>	<i>✓</i>	" " in way of Bridge, Angle, <i>E or C</i>	<i>✓</i>	
Middle Line Keelson, on Floors, Angles, <i>E or C</i>	<i>Centre line bulkhead</i>	<i>✓</i>	Spacing	<i>27" + 24"</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Second Deck, amidships, Angle, <i>E or C</i>	<i>250 90 12</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing	<i>27" + 24"</i>	
" " Flat Plate Keel Angles	<i>✓</i>		Third Deck, amidships, Angle, <i>E or C</i>	<i>✓</i>	
Side Keelsons, No. each side	<i>One (in main tanks)</i>		Spacing		
" " thickness of Intercoastal Plate	<i>44</i>		Fourth Deck, amidships, Angle, <i>E or C</i>	<i>✓</i>	
" " Angles	<i>3 1/2 3 1/2 44</i>		Spacing		
DOUBLE BOTTOM. in motor space.			Poop Deck, Angle, <i>E or C</i>	<i>200 90 10</i>	
Solid Floors, thickness and spacing	<i>42 x 27</i>	<i>✓</i>	Spacing	<i>27" + 24"</i>	
" " Are Frame and Reversed Frame joggled?	<i>no</i>	<i>✓</i>	Bridge Deck, Angle, <i>E or C</i>	<i>180 90 11</i>	<i>✓</i>
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Spacing	<i>27" + 24"</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Forecastle Deck, Angle, <i>E or C</i>	<i>250 90 12 1/2</i>	<i>✓</i>
			Spacing	<i>27" + 24"</i>	<i>✓</i>

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.					Stringer Plate, breadth and thickness in way of Bridge				
<i>forecastle, bridge, poop</i>					Thickness of Plating abreast Deck openings in way of Wells				
<i>in 'tween Decks, Size and Spacing</i>					Thickness of Plating abreast Deck openings in way of Bridge				
<i>Top of deck tank and above</i>					Thickness of Plating within line of openings				
<i>in Holds</i>					If Sheathed, material and thickness				
<i>no space</i>					Third Deck.				
Centre Line Bulkhead.					Stringer Plate, breadth and thickness				
Stiffeners and Spacing					If Plated, state thickness				
Plating, thickness of					Fourth Deck.				
STRINGERS AND DECKS.					Stringer Plate, breadth and thickness				
Uppermost Continuous Deck.					If Plated, state thickness				
Stringer Plate, breadth and thickness in Wells					Poop Deck.				
" " " " in way of Bridge and at bulkhead					Stringer Plate, breadth and thickness				
" Angle in Wells					Plating, Sheathing, material and thickness				
Thickness of Plating abreast Deck openings in way of Wells					Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge					Stringer Plate, breadth and thickness				
Thickness of Plating within line of openings					Plating, Sheathing, material and thickness				
If Sheathed, material and thickness					Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness				
Stringer Plate, breadth and thickness in Wells					Plating, Sheathing, material and thickness				

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>No</i>	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.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	<i>75</i>	<i>.91</i>	<i>.76</i>	<i>.76</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>III to III</i>	<i>1</i>	<i>4 1/2</i>	<i>Lapped</i>	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes <i>4</i>	<i>79</i>	<i>.69</i>	<i>.54</i>	<i>.54</i>		<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>III to III</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>	
BILGE PLATING, No. of Strakes <i>6</i>	<i>69</i>	<i>.65</i>	<i>.50</i>	<i>.50</i>		<i>"</i>	<i>7/8</i>	<i>3 1/8</i>	<i>III to III</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>	
SIDE PLATING, No. of Strakes <i>4</i>	<i>75</i>	<i>.60</i>	<i>.48</i>	<i>.48</i>		<i>"</i>	<i>7/8</i>	<i>3 1/8</i>	<i>III</i>	<i>7/8</i>	<i>3 1/8</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>75</i>	<i>1.02</i>	<i>.48</i>	<i>.48</i>		<i>"</i>	<i>1</i>	<i>3 1/2</i>	<i>III to III</i>	<i>1</i>	<i>4 1/2</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge.....	<i>75</i>	<i>1.02</i>				<i>"</i>	<i>1</i>	<i>3 1/2</i>	<i>III</i>	<i>1</i>	<i>4 1/2</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>75</i>	<i>.60</i>	<i>.48</i>	<i>.48</i>		<i>"</i>	<i>7/8</i>	<i>3 1/8</i>	<i>III to III</i>	<i>7/8</i>	<i>3 1/8</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Bridge.....	<i>75</i>	<i>.60</i>				<i>"</i>	<i>7/8</i>	<i>3 1/8</i>	<i>III</i>	<i>7/8</i>	<i>3 1/8</i>	<i>"</i>	
POOP SIDE PLATING				<i>.40</i>		<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>II</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>	
BRIDGE SIDE PLATING ...		<i>.44</i>				<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>II</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>	
FOREC'TLE SIDE PLATING			<i>.44</i>			<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>II</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	20
Extending to Upper Deck (Sec. 3 c)	20
" Deck next below	5
As per Rule	As approved 20.

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	.44	L 11x3 1/2x.50	48x.44	L 12x3 1/2x.52	11x3 1/2x.50
" " Second		L 230x90x1 1/2	30x.40	L 230x90x1 1/2	30x.40
" " Third		Further as approved		Further as approved	
" " Holds					
COLLISION	.48	L 200x75x9	semi tru beam	L 280x90x12	24" dup tank deck
AFTER PEAK	.42	L 150x75x10	24"	Further as approved	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat keel plate.			
STEM	Forging 261x68		Witkowski	
STERN FRAME	Propeller Post		Bergbau & Eisenh. gew.	
Rudder	Forging 274x85		Witkowski	
RUDDER-A x D	858.6		Bergbau & Eisenh. gew.	
Speed of Vessel	± 12 knots			
RUDDER mainpiece at head	Forging 372		Witkowski	
" " heel	285		Bergbau & Eisenh. gew.	
how constructed	Alms. built to main piece.			
double or single plate	Single plate.			
coupling, vertical or horizontal	Horizontal coupling.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin Process.*
Fr. Krupp, Aktien Gesellschaft, Friedrich Alfred Hütke; Gutte Hoffnungs Hütke; Société Anonyme d'Acier Manufacture;
 Has the Steel been tested as required by the Rules? *Yes.*

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.)

Copies of all the approved plans have been retained in London,
see correspondence.

In testing the various tanks of this vessel it was found
that at those bulkheads where the horizontal girder was
fitted at the opposite side of the vertical stiffeners rivets
through vertical stiffeners in way of horizontal girder
showed leakage when the test was applied from the tank side
in which the horizontal girder was fitted. (See also your
letter dated 4/7-20 to Messrs. Cunliffe having regard to cutting
flanges in way of jointer rivets. In accordance with the
Owner's desire an additional girder was fitted on all
these bulkheads as given on two blue prints enclosed
herewith. The tanks were retested and found sound
and tight.

R. Kewenbury

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

1st Bower 51 Cut. 1 Qr. 21 lbs L.R. N° 3779 M.B. 15/6-28 Magdalen Bay
2nd „ 51 „ 2 Qrs 0 „ L.R. N° 3780 MB 15/6-20 „
3rd „ 40 „ 1 Qr. 21 „ L.R. N° 3678 M.B. 50/5-20 „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 121 ft., R.Q.D. „ ft., Bridge 40.5 ft., Forecastle 45.6 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) Two steel decks.

Official No. : Signal Letters Is bottom of Vessel coated with cement In Peaks if not give
particulars of composition further coated. and dry tank

PARTICULARS OF WATER BALLAST.—

Where Fitted.	°Length. Feet.	Water Capacity. Tons.	Where Fitted.	°Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>main space</i>	<i>72</i>	<i>247</i>	Fore peak tank,	<i>24.5</i>	<i>119</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>24.</i>	<i>406</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<i>49.5</i>	<i>547</i>
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<i>247</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. 741

Date 20/1-1928

Dates of Surveys
held while building

29/11; 12-15-19/12; 1927. 4-11-17/1; 13-16-20-22-24/2; 2-29/3; 7/4;
12-16-22-26-30/5; 9-13-16-21/6; 11-19-30/7; 7-10-15-17-21/8; 3-21-25/9;
3-10-12-16/10; 1-9-12-16-19/11; 6-8-17/12; 1928. 5-10-12-15-18-22-24-26/1;
1-7-21/2; 11-13-19-22-28/3; 5-9-18-20/4; 16-17-24-30-31/5;
4-7-8-10-11-12-14-15-25/6; 8-10-18/7; 1929

Total No. of Visits 84.

1*.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		Rivets in Brackets to Bulkheads.		
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Number.	Diameter. Inches.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				Ins.	
No. 1		<p><i>Motor vessel</i></p> <p><i>BELGIAN GULF</i></p>																
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ing of Longitudinal frames																		
Amidships																		
At Ends																		
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Amidships																		
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L or C																		
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The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.