

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 26 APR 1948

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yesDate of completion of report 12-4-48 Port of Amsterdam No. 17238Survey held at Amsterdam Date First Survey 23-9-1947 Last Survey 23-3-1948On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw tug "Swarozyc"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) full scantling State Type of Erections forecastleunder Deck ... 583.06ce or spaces  
Tonnage Dk.  
er Dk. ✓112.02age 712.02onnage 0

## ENTERED DIMENSIONS.

7m47.2912.025.13CLASS 100A1

for towing services

strengthened for nav. service

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 12.00

Depth, at middle of length from top of keel to top

of beam at side of uppermost continuous

deck. See Sec. 3 (1c) D 6.001st Longitudinal Number (L x D) 2722432nd Numeral L x (B + D) 875819

Framing Depth "d," at middle of length. See

Sec. 3 (1d) 4.90

Proportions—Depth to Length—Uppermost con-

tinuous deck to top of keel 7.58/58

Do. Long Bridge to

top of keel

Draught Moulded 5.36

State if with freeboard

as condition of Class no100545.2312.006.002722438758194.907.58/585.36Built at AmsterdamLaunched 1944 Yard No. 83Builders Amsterdam Drydock CoOwners Polish

(Polish import and export Co for machinery tools)

Managers ✓

(Where necessary to be entered in Reg. Book)

Residence WarszawaPort of Registry Szczecin

If surveyed while building, afloat, or in dry dock

fitting out, afloat & in dry dock

## 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.
SPACING, Spacing amidships.....	450 ✓		Bracket Floors, Frame.....	130 90 9 1/2 ✓	
"    from 1/2 length amidships to Collision bulkhead.....	400 4 350 ✓		"    Reversed Frame.....	90 75 7 ✓	
"    in peaks.....	350 ✓		"    Vertical Struts.....	100 75 8 ✓	
FRAMING.			Centre Girder, depth and thickness amidships	1100 ✓ 8 ✓	
Time Amidships, Angle, <u>E or F</u> ✓	180 90 11 ✓		"    top Angles.....	404 fitted ✓	
"    Extends up to.....	upper deck ✓		"    bottom Angles.....	" " ✓	
Reversed Frame Amidships, Angle.....	✓		Side Girders, No. each side and thickness.....	" " ✓	
"    Extends up to.....	✓		Margin Plate depth (excl. of flange) and thickness.....	550 ✓ 8 ✓	
Depth of Framing Girder.....	450 ✓	web frames in plan	"    Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	welded ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u> .....	✓		"    Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area.....	✓	
"    Second 'tween Decks, Angle, <u>E or F</u> .....	✓		"    Gussets, spacing and scantling abaft 1/4 len. from stem.....	1350 plate 10mm ✓	
"    Third.....	✓		"    Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	✓	see plan
"    from 1/2 len. for'd. to 15% len. from Stem.....	180 90 11 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1100 ✓ 8 ✓	
"    in Peaks, Angle or <u>E or F</u> .....	180 90 11 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	22 144 ✓ 1/4 d appl.		Breadth and thickness of Middle Line Strake...	1250 8 ✓	
State if Frame Joggled.....	4.0 ✓		Thickness of remainder in Holds.....	7 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.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in	165 75 9 ✓	
Floors, Depth and thickness at mid-line in Holds.....	630 12.5 (10) see letter 11-6-48		"    "    in way of Bridge, Angle, <u>E or F</u> deckhouse	150 65 12 ✓	
Height of Brackets at side above base line at toe of frame.....	404 fitted ✓		"    Spacing.....	450 ✓	
Middle Line Keelson, on Floors, Angles, <u>E or F</u> .....	100 75 12 ✓		Second Deck, amidships, Angle, <u>E or F</u> .....	✓	
"    "    Through Plate on Inter-costal Plate.....	705 10 ✓		"    Spacing.....		
"    "    Foundation Plate on Floors.....	✓		Third Deck, amidships, Angle, <u>E or F</u> .....	✓	
"    "    Flat Plate Keel Angles.....	✓		"    Spacing.....		
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, <u>E or F</u> .....	✓	
"    thickness of Intercoastal Plate.....	✓		"    Spacing.....		
"    Angles.....	✓		Poop Deck, Angle, <u>E or F</u> .....	✓	
"    Spacing.....			"    Spacing.....		
DOUBLE BOTTOM.			Bridge Deck, Angle, <u>E or F</u> .....	✓	
Solid Floors, thickness and spacing.....	7 1/2 450 ✓		"    Spacing.....		
"    Are Frame and Reversed Frame joggled?.....	no ✓		Forecastle Deck, Angle, <u>E or F</u> .....	130 65 8 ✓	
Bracket Floors, breadth and thickness at middle line.....	600 7 1/2 ✓		"    Spacing.....	700 ✓	
"    breadth and thickness at margin plate.....	600 7 1/2 ✓				



# 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.
<b>PILLARS, No. of Rows</b> <i>2 between deck</i>				Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing		<i>73-5mm 3150 max</i>		Thickness of Plating abreast Deck openings in way of Wells			
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds		<i>58 mm 2050 max</i>		Thickness of Plating within line of openings			
" " " " "				If Sheathed, material and thickness			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing <i>in deck tank frame 73-84</i>		<i>130 65 12 1/2 450</i>		Stringer Plate, breadth and thickness			
Plating, thickness of		<i>8 1/2 mm</i>		If Plated, state thickness			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells		<i>960 8 1/2</i>		If Plated, state thickness			
" " " " in way of Bridge		<i>960 8 1/2</i>		<b>Poop Deck.</b>			
" Angle in Wells		<i>welded</i>		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells		<i>7 1/2 mm</i>		Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge				<b>Bridge Deck.</b>			
Thickness of Plating within line of openings				Stringer Plate, breadth and thickness			
If Sheathed, material and thickness				Plating, Sheathing, material and thickness			
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells		<i>7 1/2 mm</i>		Stringer Plate, breadth and thickness			
				Plating, Sheathing, material and thickness		<i>7 1/2 no sheathing</i>	

# SHELL PLATING.

SCANTLINGS.					RIVETING.					
STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
Flat Plate Keel										
" Dblg. (if any)										
Bottom Plating, No. of Strakes	<i>1830</i>	<i>A=18</i>	<i>18</i>		<i>double</i>	<i>22 88</i>				
Bilge Plating, No. of Strakes	<i>1700</i>	<i>C=16</i>	<i>18</i>		<i>double</i>	<i>22 88</i>				
Side Plating, No. of Strakes	<i>1850</i>	<i>D=16</i>	<i>18</i>		<i>double</i>	<i>22 88</i>				
Upper Deck, Sheer-strake in Wells	<i>1900</i>	<i>E=18</i>	<i>18</i>		<i>double</i>	<i>22 88</i>				
Upper Deck, Sheer-strake in Bridge										
Strake below Sheer-strake in Wells	<i>1850</i>	<i>E=18</i>	<i>18</i>		<i>double</i>	<i>22 88</i>				
Strake below Sheer-strake in Bridge										
Poop Side Plating										
Bridge Side Plating										
Forecastle Side Plating		<i>10 mm</i>			<i>single</i>	<i>19 66</i>	<i>single</i>	<i>19 78</i>		

# WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>4 BH for record</i>
Extending to Upper Deck (Sec. 3 c)	<i>three 4</i>
" Deck next below	<i>one</i>
As per Rule	<i>three</i>

# FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b>	<i>forging</i>	<i>195x50</i>	<i>AD11</i>	
<b>STEM</b>		<i>220x86</i>		
<b>STERN FRAME</b>	Propeller Post	<i>casting</i>	<i>225x155</i>	<i>DMK. Vtrsch.</i>
	Rudder	<i>buttup</i>		
<b>Speed of Vessel</b>		<i>14 knots</i>		
<b>RUDDER—Type</b>		<i>Deck 2</i>		
<b>100 A x D</b>		<i>526</i>		
<b>Diam. of head</b>		<i>230</i>		
<b>Mainpiece at top pintle</b>		<i>140</i>		<i>x dia. of pintles</i>
<b>heel</b>		<i>140</i>		
<b>how constructed</b>		<i>all welded cast steel arms</i>		
<b>double or single plate coupling, vertical or horizontal</b>		<i>double horizontal</i>		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D, Upper 'tween decks</b>	<i>6</i>	<i>5.75x55x7</i>	<i>760 max</i>		
" " Second					
" " Third					
" " Holds	<i>11</i>	<i>I. 140x140x14</i>	<i>600 max</i>	<i>2.50x135x10</i>	<i>2000</i>
<b>COLLISION</b>		<i>8 1/2 6</i>	<i>ab. d. 65x50x2</i>	<i>600 max</i>	<i>th. a. d. sk.</i>
<b>AFTER PEAK</b>		<i>12 6</i>	<i>ab. d. 65x50x2</i>	<i>760 max</i>	

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	<i>Vessel was built for the greater part under supervision of</i>
	Has the Steel been tested as required by the Rules?	<i>G.L.</i>



For approved equipment see letter No. 24.1.48 and endorsement on same 31.1.48

EQUIPMENT No. 819

LETTER (818)

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
9109.R	1st Bower	117.5	kg	✓	170.4	kg	✓	2.5	87.5	kg	✓	Hall's type	KNE, Leiden	Leiden 11-4-44 B. Loder
9107.R	2nd "	117.4	kg	✓	"	"	"	2.2	86.0	kg	✓	"	"	" 11-4-44 "
9090.R	3rd "	82.2	kg	✓	"	"	"	1.8	81.5	kg	✓	"	"	" 11-4-44 B. Loder
Collective weight		598.4	kg	✓	885.0	kg	✓	27.5	598.4	kg	✓	ordinary stock anchors?	"	" 11-4-44 B. Loder
9111.R	Stream	19.8	kg	✓	40.4	kg	✓	55.9	kg	✓	✓	Test the low Rule.	"	" 11-4-44 "

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.	
	Fathoms	Diam.	Tons.	kg.	Supplied.	Per Rule.	Fathoms	Diam.					Fathoms	Ins.	Tons.	Fathoms	Ins.
9127	210	36	164.0	546.0	112.9	92.0	375	36	Shadlock N.K.K.R.	Leiden, 27-5-44	B. Loder	TOWLINE	40	70		40	135
Iron Stream Chain or Steel Wire		Cir.															

Steering Gear, Type (Power or hand) Steam Alternative Means of Steering hand steam and block & tackle

Steering Chains (Size and Test) 31mm 56400 kg Windlass Steam Boats One motor boat, 28 pms each, one life boat

Ceiling in Holds, thickness and material 65mm wood Cargo Battens, thickness, material and spacing 150x50 clear spacing 230

Cargo Hatchways.—(Upper Deck) one Thickness of Hatches 65mm

Size of Hatchways No. 1 (Fwd.) 170x1.00 No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters none fitted

Builder's Signature

Amsterdamsche Droogdokmij N.V.

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 ✓

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ✓ 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).

The amount of Entry Fee..... £ : : Fees applied for, 22.4. 1948

Special Survey Fee..... £ 1550.x Received by me, 19

Travelling Expenses, if any ..... £ 21.x

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 100A1

for towing services  
strengthened for nav. service.

Signature [Signature] Surveyor to [Signature] Register of Shipping.

State whether the Vessel has been built under Special Survey no

Certificate to be sent to Amsterdam Surveyors Date of issue 15/6/48

Committee's Minute ✓

28 MAY 1948

Character assigned 100A1 For towing services

1.48 Ans.

S.S. Ans. - 3.48

Classed 3.48

LMC 3.48

Lloyds A+CP

F.D. 0.6

While Ans

2 SB 21316

Spt

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Lloyd's Register Foundation

011636-011645-0037 3/2



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 has been built for the greater part under the supervision of the Germanischer Lloyd.

A complete Special Survey has been carried out and all requirements of the rules for vessels not built under Survey have been complied with.

The following plans have been approved:

Midship Section

Profile of Decks

Shell Expansion

Stem frame, rudder & Quadrant

Engine Seating

The shell plating, decks, tanktops, floors, frames and all other parts of the construction have been ascertained and found or made in accordance with the submitted plans or equivalent.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of shell plating, butts of upper deck plating, bulkheads complete, double bottom tank top & floors, deckhouses, butts of bar keel and stem.

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

"for towing services"

"strengthened for navigation in ice."

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

1st Bower	Cast steel head 725kg	No cert 3989A	50 - 11 - 43	F. Gastblast Antwerp
2nd "	" " " 717kg	" 3980A	50 - 11 - 43	" "
3rd "	" " " 527kg	" 1903A	5 - 6 - 42	" "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 S.P.F.D. Extreme Breadth over Belting 41.0' Over-all Length 164.5'  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks one deck steel

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

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.
		Tons.			Tons.
Double bottom, aft,	<u>4m</u>		Fore peak tank,	<u>2.85</u>	<u>8</u>
Double bottom, under Engines and Boilers,	<u>4</u>		After peak tank,	<u>4.20</u>	<u>9</u>
Double bottom, if under Engines only,	<u>4</u>		<del>Wing</del> tanks aft,	<u>4.00</u>	<u>10</u>
Double bottom, if under Boilers only, <u>bulkheads</u>	<u>5.85</u>	<u>27</u>	Deep tanks forward,	<u>3.20</u>	<u>80</u>
Double bottom, forward,	<u>4</u>		Other tanks, if fitted, <u>fresh water tanks</u>	<u>1.20</u>	<u>3.8</u>
Total length (if continuous) and Capacity	<u>5.85</u>	<u>27</u>	<u>waste water tank</u>	<u>3.20</u>	<u>12</u>
	<u>19.2'</u>		<u>counter tank,</u>		<u>10</u>

Order for Special Survey No.

Date

Dates of Surveys held while building

1947 Sept. 23, 26, 30 Oct 1, 2, 4, 7, 9, 11, 21, 24 Dec 2.  
1948 Jan 21, 23, 28 30 Febr 2, 13, 26 March 11, 12, 13

Total No. of Visits

22