

STEEL STEAMER or MOTORSHIP.

6 SEP 1929

Received at London Office 16585

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

28 August 29.

Port of

Antwerp

No.

1st September

Survey held at

Noboken

Date First Survey

7 April 1927

Last Survey

1929

On the

Twin Screw Steamer

LEOPOLDVILLE

Machinery amidships

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure without Opening

State Type of Erections

Bridge Foremast.

TONNAGE under Tonnage Deck

6056.77

CLASS

+100 A.1.

State if with freeboard as condition of Class

Yes.

Built at

Noboken

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

2164.60

Length

from fore part of stem to after part of stern

146.30

Breadth

(greatest moulded)

18.90

Depth

at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

11.60

1st Longitudinal Number (L x D)

1697

2nd Numeral L x (B + D)

4482

Framing Depth "d" at middle of length. See Sec. 3 (1d)

5.08

Proportions—Depth to Length—Uppermost continuous deck to top of keel

12.6

Do. Long Bridge to top of keel

Draught Moulded

25' 5"

Launched

26 Sept 1928

Yard No. 623

Builders

Soc Anon John Cockerill

Owners

Belge Maritime du Congo.

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Antwerp

Port of Registry

Antwerp

If surveyed while building, afloat, or in dry dock

Building in Dry Dock

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.
amidships	815		Bracket Floors, Frame	200 85 11	
from 1/2 length to Collision bulkhead	685		" " Reversed Frame	190 75 11	
in peaks	610		" " Vertical Struts	190 75 11	
When lying on back	250 90 12		Centre Girder, depth and thickness amidships	1-170 15.5	
Extends up to	250 90 12		" " top Angles	90 90 14	
ne Amidships, Angle	250 90 12		" " bottom Angles	130 130 16.5	
Extends up to	250 90 12		Side Girders, No. each side and thickness	2 11	
ning Girder	250		Margin Plate depth (excl. of flange) and thickness	965 14	
permost Continuous 'tween	250 90 12		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	90 90 12	
end 'tween Decks, Angle	250 90 12		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	127 127 12	
rd	200 85 10		" " Gussets, spacing and scantling abaft 1/2 len. from stem	90 90 12	
peaks, Angle	220 135		" " Gussets, spacing and scantling forward 1/2 len. from stem	1000 1000 12	
d Spacing of Rivets through Frame and Shell Plating amidships	220 135		Tank Side Brackets, height above base line at toe of Frame and thickness	2-680 12	
ie Joggled	220 135		INNER BOTTOM PLATING.		
ANGEMENTS (Sec. 7), state system and particulars	220 135		Breadth and thickness of Middle Line Strake	1-420 14	
ING OF BOTTOM FOR- state Particulars	220 135		Thickness of remainder in Holds	12	
OM.	220 135		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.	
and thickness at mid-line in	220 135		BEAMS.		
ht of Brackets at side above	220 135		Uppermost Continuous Deck, amidships	220 90 12	220x85x12
se line at toe of frame	220 135		" " in Wells	220 90 12	
Keelson, on Floors, Angles	220 135		" " in way of Bridge, Angle	815	
" Through Plate or Intercoastal Plate	220 135		Spacing	815	
" Foundation Plate on Floors	220 135		Second Deck, amidships, Angle	220 90 12	220x85x12
" Flat Plate Keel Angles	220 135		Spacing	815	
ns, No. each side	220 135		Third Deck, amidships, Angle	220 90 15	240x75x12.5
thickness of Intercoastal Plate	220 135		Spacing	815	
Angles	220 135		Fourth Deck, amidships, Angle	220 90 12	
Spacing	220 135		Spacing	815	
Are Frame and Reversed Frame joggled?	220 135		Poop Deck, Angle	220 90 12	
Floors, breadth and thickness at middle line	220 135		Spacing	815	
breadth and thickness at margin plate	220 135		Bridge Deck, Angle	220 90 12	
	220 135		Spacing	815	
	220 135		Forecastle Deck, Angle	220 90 13	
	220 135		Spacing	815	

W251-0146 (1/12)

PILLARS AND DECKS.

	<i>Infra</i> IN SHIP.	Any Departure from Approved Plans to be Noted.		<i>Infra</i> IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows..... <i>Two</i>			Stringer Plate, breadth and thickness in way of Bridge	<i>1.295</i> <i>10</i>	✓
" in 'tween Decks, Size and Spacing.....	<i>According</i>		Thickness of Plating abreast Deck openings in way of Wells	<i>10.5</i>	✓
" " " " " ".....	<i>to</i>		Thickness of Plating abreast Deck openings in way of Bridge	<i>9-8</i>	✓
" in Holds " ".....	<i>(Approved</i>		Thickness of Plating within line of openings...	<i>9</i>	✓
" " " " " ".....	<i>Plans</i>		If Sheathed, material and thickness.....	<i>Litossilo</i> <i>63</i>	✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	<i>1.295</i> <i>8.5</i>	✓
Plating, thickness of			If Plated, state thickness.....	<i>7.5</i>	✓
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck. <i>D.B.C.</i>			Stringer Plate, breadth and thickness.....	<i>10.5</i>	✓
Stringer Plate, breadth and thickness in Wells.....	<i>1.710</i> <i>20.5</i>	✓	If Plated, state thickness	<i>in way of oil</i>	✓
" " " " in way of Bridge.....	<i>11.5</i>	✓	Poop Deck.		
" Angle in Wells	<i>150 150 20.5</i>	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	<i>14</i>	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	<i>10.5</i>	✓	Bridge Deck.		
Thickness of Plating within line of openings...	<i>11</i>	✓	Stringer Plate, breadth and thickness.....	<i>16.75</i> <i>12.5</i>	✓
If Sheathed, material and thickness.....	<i>Teak plating</i> <i>63</i>	✓	Plating, Sheathing, material and thickness ...	<i>12</i>	✓
Second Deck. <i>E.B.C.</i>			<i>Teak sheathing</i>	<i>63</i>	
Stringer Plate, breadth and thickness in Wells.....	<i>1.295</i> <i>14.5</i>	✓	Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	<i>9.15</i> <i>9.5</i>	✓
			Plating, Sheathing, material and thickness	<i>7.5</i>	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Yes.</i>			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.	
FLAT PLATE KEEL	<i>1.390</i>	<i>22</i>	<i>19.5</i>	<i>19.5</i>		<i>Double</i>	<i>25</i>	<i>101</i>	<i>Four</i>	<i>25</i>	<i>100</i>	
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <i>3</i>	<i>17.5</i>	<i>15.5</i>	<i>17.5</i>	<i>17.5</i>		<i>Double</i>	<i>22</i>	<i>90</i>	<i>Four</i>	<i>22</i>	<i>90</i>	
BILGE PLATING, No. of Strakes <i>2</i>	<i>17.5</i>	<i>13.5</i>	<i>15</i>	<i>15.5</i>		<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
SIDE PLATING, No. of Strakes <i>4</i>	<i>17</i>	<i>13.5</i>	<i>12.5</i>	<i>13</i>		<i>„</i>	<i>„</i>	<i>„</i>	<i>7 stake 4</i>	<i>„</i>	<i>„</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>22</i>	<i>12.5</i>	<i>12.5</i>			<i>„</i>	<i>25</i>	<i>101</i>	<i>Four</i>	<i>25</i>	<i>100</i>	
UPPER DECK, Sheer-strake in Bridge ...	<i>17</i>					<i>„</i>	<i>22</i>	<i>90</i>	<i>Three Four</i>	<i>22</i>	<i>80</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>20</i>					<i>„</i>	<i>25</i>	<i>101</i>	<i>Four</i>	<i>25</i>	<i>100</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>17</i>					<i>„</i>	<i>22</i>	<i>90</i>	<i>Three Four</i>	<i>22</i>	<i>80</i>	
POOP SIDE PLATING	<i>13.5</i>											
BRIDGE SIDE PLATING ...	<i>13.5</i>					<i>Double</i>	<i>22</i>	<i>90</i>	<i>Three</i>	<i>22</i>	<i>80</i>	
FOREC'TLE Side PLATING			<i>11</i>			<i>„</i>	<i>19</i>	<i>76</i>	<i>Two</i>	<i>19</i>	<i>65</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		7	
Extending to Upper Deck (Sec. 3 c)		3	
,, Deck next below		7.	
As per rule		Letter M14/10/27	
		STIFFENERS.	
		Plating Thickness.	
		VERTICAL	HORIZONTAL
		Scantlings, Spacing.	Scantlings, Spacing.
N953		1/2 in	
MIDSHIP BULKH'D,	Upper tween decks	7 1/2 x 6.5 ✓ 100 x 75 in g 740	✓
"	Second "	8 1/2 x 7.5 ✓ 100 x 75 in g 740	✓
"	Third "	✓	✓
"	Holds	11-5 1/2 x 6.5 ✓ 100 x 75 in g 740	✓
COLLISION	(in Hold)	11 1/2 x 9 ✓ 100 x 75 in g 600	Plated at Panting str.
AFTER PEAK	"	10 1/2 x 9 ✓ 100 x 75 in g 800	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat Cast Keel		
STEM		Lower part Steel casting To plan Upper part Steel Forging 36 7/8 x 73 Cast Steel To plan Fore and Aft Frames approved work	Robinson Shoen	
STERN FRAME {	Propeller Post	Steel To plan		
	Rudder	Cast Steel 430 x 350		
RUDDER—A x D x 100 = 3717.1				
Speed of Vessel.....		Under 14 knots Fines Steel	Shoen work	
RUDDER mainpiece at head ...		400 ^{1/2} lbs		
" " heel ...		300 ^{1/2} lbs		
" " how constructed		Armstrong's Main Piece		
" " double single plate		33 ^{1/2} lbs		
" " coupling, double		113 ^{1/2} lbs		
" " horizontal.....				

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin.*
S. A. John Cosherill, Rasse Partners Ltd. Vereinigte Stahlwerke AG, August Thyssen-Hütte, Hamborn a Rh.
Vereinigte Stahlwerke AG, Hoesen, Rhein-Lanarkshire Steelworks, David Colville & Sons, Connell Iron Co.
 Has the Steel been tested as required by the Rules? *Yes.*

Has the Steel been tested as required by the Rules? Yes

