

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

80712

No. 11241

State if Report is also sent on the Machinery of the Vessel *Yes*

Port of *Amsterdam* Date of completion of Report *24th May 1920* Received at London Office *WED. JUN. 2 1920*

Survey held at *Amsterdam* Date, First Survey *25/9-1917* Last Survey *22nd May 1920*

On the *Steel Steamer "Lombardica"* Rig *Schooner*

Master *G. Croxford*

Year of Appointment *(1) As Master in service of owner of present vessel - 1920 (2) As Master of this vessel - 1920*

Built at *(N.V. Werf, Zeeland + Ransweert)*

When built *1919/1920* Launched *4/3-20*

By whom built *N.V. Werf, Zeeland*

Owners *Svenska Lloyd*

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

Residence *Gothenburg*

Port belonging to *Gothenburg*

Register Tonnage *1283.45* Destined Voyage *Gothenburg* If Surveyed while Building, Afloat, or in Dry Dock *Building*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
275			41			23		6	2	12

Dimensions of Ship per Register, Length *271.2* breadth *41.3* depth *15.6* Upper Deck. Moulded depth, ft. *25* ins. *6* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *12* - ins.

FRAMING.	Inches in Ship.						Inches per Rule Or as Approved.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	
FRAME, Angles or L Bars, amidships	3	44	3	44	3	44	3	44	3	44	3	44
Do. in peaks	3	36	3	36	3	36	3	36	3	36	3	36
Do. in way of Double Bottoms at Solid Floors	3	34	3	34	3	34	3	34	3	34	3	34
Spacing of Frames from centre to centre amidships	23 1/2		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2	
" length to collision bulkhead												
of Frames from centre to centre in peaks												
REVERSED FRAME, Angles, at floors	3	34	3	34	3	34	3	34	3	34	3	34
FRAMING, depth of girder												
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships												
" in way of Engine and Boiler spaces												
" thickness at the ends of vessel												
" depth at 1/2 the half-bdth. as per Rule												
" height extended at the Bilges												
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) spacing	36	34	36	34	36	34	36	34	36	34	36	34
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	36	46	36	46	36	46	36	46	36	46	36	46
" Angles, Top	3	42	3	42	3	42	3	42	3	42	3	42
" Bottom	4	48	4	48	4	48	4	48	4	48	4	48
" to Floors	3	34	3	34	3	34	3	34	3	34	3	34
SIDE GIRDERS, number and thickness	one	32	one	32	one	32	one	32	one	32	one	32
" Angles	3	34	3	34	3	34	3	34	3	34	3	34
MARGIN PLATE, depth (exclusive of flange) and thickness	3/2	38	3/2	38	3/2	38	3/2	38	3/2	38	3/2	38
" Angles to outside plating	3/2	34	3/2	34	3/2	34	3/2	34	3/2	34	3/2	34
" to floors	3	34	3	34	3	34	3	34	3	34	3	34
" Height of Brackets above at bilge	18		18		18		18		18		18	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	42	36	42	36	42	36	42	36	42	36	42
" thickness in Engine and Boiler space		40		40		40		40		40		40
" Remainder in Holds		34		34		34		34		34		34
BEAMS, Awning or Shlr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6	40	6	40	6	40	6	40	6	40	6	40
" Angles on upper edge		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2
" Spacing		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2
BEAMS, Upper or Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 1/2	40	6 1/2	40	6 1/2	40	6 1/2	40	6 1/2	40	6 1/2	40
" Angles on upper edge		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2
" Spacing		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2		23 1/2
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel												
" Angles on upper edge												
" Spacing												
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb or Channel												
" Angles on upper edge												
" Spacing												
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel												
" Angles on upper edge												
" Spacing												
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel												
" Angles on upper edge												
" Spacing												
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel												
" Angles on upper edge												
" Spacing												
PILLARS, In 'tween Deck, size and spacing	11" x 50"	10" x 50"	9" x 44"									
" Hold												
" Quarter, 'tween Dks., "												
" in Hold												
WEB FRAMES, In Fore Body, No. and spacing												
" No. of Side Stringers												
WEB FRAMES, In E. & B. Space, No. & spacing												
" No. of Side Stringers												
WEB FRAMES, In After Body, No. and spacing												
" No. of Side Stringers												
" Size of Face Angles to Web Frames												
BRACKET PLATES to Stringers between Web Frames, depth and thickness												

FORGINGS AND CASTINGS.	Inches in Ship.		Inches per Rule Or as Approved.	
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
KEEL, Bar, depth and thickness	8 1/2	2 1/2	8 x 2 3/4	
STEM, moulding and thickness	180	140	180 x 140	
STERN-POST for Rudder do. do.	200	140	200 x 140	
" for Propeller	184		184	
RUDDER-A x D Table 22	184		184	
" Main Piece, diameter at head	140		140	
" " " " at heel				
RUDDER, how constructed	Single plate arms keyed to main piece			
Can the Rudder be unshipped afloat?	Yes			
KEELSONS AND STRINGERS.	Inches in Ship.		Inches per Rule Or as Approved.	
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" Rider Plate				
" Flat Keel Plate Angles				
" Horizontal Plates on Floors				
" Angles or Bulb Angles				
SIDE KEELSONS, Number				
" Angles or Bulb Angles				
" Plate above floors, for length				
" Intercoastal Plate, for length				
" Attached to outside plating with Angle				
BILGE KEELSON, Angles				
" Intercoastal Plate, for length				
" Attached to outside plating with Angle				
SIDE STRINGERS, Number				
" Angle				
" Intercoastal Plate, for lng				
" Attached to outside plating with Angle				
Awning or Shelter Deck Stringer Plates, breadth and thickness	42	48	42	48
" Angle on ditto	4 1/2	4 1/2	4 1/2	4 1/2
" Tie Plates, fore and aft, outside Hatchways	34	30	34	30
" Deck * Iron or Steel, for whole lng.				
" Wood Deck. Material & thickness				
Upper or Second Deck Stringer Plate, breadth and thickness	42	48	42	48
" Angles on ditto, No. 2	3 1/2	3 1/2	3 1/2	3 1/2
" Tie Plates, outside Hatchways	30	30	30	30
" Deck * Iron or Steel, for whole lng.				
" Wood Deck. Material & thickness				
Third Deck Stringer Plates, br'dth & th'kns				
" Angles on ditto, No.				
" Tie Plates, outside Hatchways				
" Deck * Material and thickness				
Fourth and Fifth Deck Stringer Plate, breadth and thickness				
" Angles on ditto, No.				
" Tie Plates, outside Hatchways				
" Deck. Material and thickness				
Poop Deck Stringer Plate, breadth & thickness				
" Angles on ditto				
" Tie Plates				
" Deck. Material and thickness				
Bridge Deck Stringer Plate, br'dth & thickness				
" Angle on ditto				
" Tie Plates				
" Deck. Material and thickness				
Forecastle Deck Stringer Plate, br'dth & th'kns				
" Angle on ditto				
" Tie Plates				
" Deck. Material and thickness				

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.	In Vessel.	Per Rule.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
					Horizontal.	Vertical.		
					Size.	Spacing.		
W. T. BULKHEADS	4	4		44/26	2 1/2	12	Single Dk.	
COLLISION				48/26	2 1/2	12		
PARTITION								
LONGITUDINAL								

Are the outside Plates doubled two spaces of Frames in length? *Single lines + brackets*

Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*

WED. JUN. 21 1920

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.				BUTTS.			
	AMIDSHIP.		FORWARD.		AFT.		EDGES.		RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Double or Triple and for what Length.	Breadth.	Thickness.	For what Length.
FLAT PLATE KEEL	44	78	58	58	44	78	Double	6	1	3.9	III 1/4	14	1/2	Double ends
GARBOARD OF A STRAKE	72	52	42	42	72	52	"	5 1/4	7/8	3.3	" 1/8 3 1/2	12	1/2	"
" B "	"	"	"	"	"	"	"	"	"	"	"	12	"	"
" C "	"	"	"	"	"	"	"	"	"	"	"	12	"	"
" D "	56	"	"	"	56	"	"	"	"	"	III 1/4	9	1/2	"
" E "	66	50	40	40	66	50	"	"	"	"	III 1/4	12	1/2	3rd
" F "	"	"	"	"	"	"	"	"	"	"	"	12	"	"
" G "	"	54	44/40	44/40	"	54	"	"	"	"	" 1/4	12	"	"
" H "	48	"	"	"	48	"	"	"	"	"	III 1/4	9	1/2	"
" J "	50	58	"	"	50	58	"	"	"	"	" 1/4	9	"	"
" K "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" L "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" M "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" N "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" O "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" P "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" Q "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" R "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" S "	"	"	"	"	"	"	"	"	"	"	"	"	"	"
DOUBLING OF FLAT PLATE KEEL	"	"	"	"	"	"	"	"	"	"	"	"	"	"
" of Sheerstrakes	"	"	"	"	"	"	"	"	"	"	"	"	"	"
(Length and Thickness)	"	"	"	"	"	"	"	"	"	"	"	"	"	"
POOP SIDES	"	"	"	"	"	"	"	"	"	"	"	"	"	"
SHORT BRIDGE SIDES	"	"	"	"	"	"	"	"	"	"	"	"	"	"
FORECASTLE SIDES	"	"	"	"	"	"	"	"	"	"	"	"	"	"

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Siemens's Martin process.*

Steel frame to L.R. made at Sweden - cast steel

Steel and Bradder forged under our inspection.

South Durham Steel & Iron Co., Cargo Fleet Dock Co., Newcastle-on-Tyne, Newcastle-on-Tyne, Newcastle-on-Tyne.

Has the Steel been tested as required by the Rules? *L.R. test and B.V.*

FRAMES extend in one length from *margin* to *St. Intermediate Lin* state if ordinary or jagged? *St. Intermediate Lin*

REVERSED FRAMES on floors and frames extend from *L. frames* to *St. Intermediate Lin* state if ordinary or jagged? *St. Intermediate Lin*

MASTS, SPARS, &c.											
LOWER MASTS.	Fore	Main	Mizen	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	Riveting.
						At Partners.	Heel.	Hounds.	Head.		
25375	Fore	Steel	52'6"	18 1/2 x 3 1/2	14 1/2 x 3 1/2	12 x 3 1/2	wood top	Steel Tube	lined by Surveyor's flange		
25352	Main	"	"	"	"	"	"	"	"		
25372	Mizen	"	"	"	"	"	"	"	"		
53889	Bowsprit	"	"	"	"	"	"	"	"		
53890	Topmasts, Yards and Remainder of Spars	"	"	"	"	"	"	"	"		
Rigging, Material and Size, Shrouds 3 x 3 1/2" steel wire 1 x 2 1/2" Canvas diagonal stays 1 x 3" wire											
Sails. One Suit of fore and aft. Sails, and the following spare sails.											

EQUIPMENT No. 18147 LETTER ANCHORS.											
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
25375	1st Bower	35	3	7	33	0	12	14	35	2	Boyer's Stock
25352	2nd "	35	2	14	32	16	3	14	35	2	"
25372	3rd "	30	2	14	29	1	3	14	30	0	"
53889	Collective weight	101	0	7	101	0	0		101	0	"
53890	Stream	9	1	0	11	6	3	14	9	1	Prodders
53890	Kedge	5	0	4	7	7	2	0	4	3	"

CHAIN CABLES.												HAWSEARS AND WARPS.							
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Fathoms and Size Per Table 31.	Description.	Makers of Cables.	Where and when tested, and Supplied.	Material.	Length and Size supplied.		Breaking Test of	Fathoms and size			
	Length.	Diam.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.	Tons.	Per Table 31.
22071	120	1 1/2	53 1/2	1 1/2	199.00	370-1-22	240 1/2	1 1/2	Steel	Cardiff	19/12-19	TOWLINE	90	3 1/2	16	90	3 1/2		
22024	110	1 1/2	53 1/2	1 1/2	196.00	✓	✓	✓			10/12-19		HAWSEARS & WARPS	2x90	5	16	2x90	5	
Iron Stream Chain or Steel Wire...	75	4	33				75	4				" "	2x90	5		2x90	5		

Boats *Three* Steam Steering Gear *Yes* Hand Steering Gear *Yes*

Pumps, Number *Dowson and four inch* Diameter of Barrel *5* State whether they are in efficient working order *Yes*

Windlass is *Iron Steam Patent* Capstan *Yes*

Engine Room Skylights.—How constructed? *Steel and angle.*

What arrangements for deadlights in bad weather? *Steel lids with deadlights.*

Coal Bunker Openings.—How constructed? *Steel and angle.* How are lids secured? *By Battens.* Height above deck? *30"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material *2 1/2" Pine* Cargo Battens, thickness and material *1 1/2" Pine*

Cargo Hatchways.—How formed? *Steel and angle.* Hatches, If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *19'7" x 18'0"* No. 2 Hatch *21'6 1/2" x 18'0"* No. 3 Hatch *19'7" x 18'0"* No. 4 Hatch *21'6 1/2" x 18'0"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *3. Webs 4 to No. 1 and 5. 4. Webs 4 to No. 12 and 4.*

No. of Breasthooks *Five* No. of Crutches *deep flange*

Bulwarks, height above deck and description *No Bulwark* Main Rail and Stays, material and size *Open rail*

The above is a correct description. *N. V. Werf, Zeeland*

Builder's Signature *W. J. P.* Surveyor's Signature *P. J. C.* Surveyor to Lloyd's Register of British & Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

London. M. 28/4. 16/5-16-26/5-16-31/7-16-30/10-16-17/11-16-3/3-19-24/5-19.

Workmanship. Are the butts of plating planed or otherwise fitted? *Overlapped and caulked*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *Yes a few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Good*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Good*

General Remarks (State quality of workmanship, &c.)

The workmanship was found good and the hull built in accordance with the approved plans Secretary's letters referred to above and in general conformity with the Society's Rules.

Cargo Ports and one freeing port fitted in the sides of the vessel on each side have been riveted close and caulked and are tested as well as all bulkheads and found tight.

An ash foot leading through side bunker on the port side above tunnel was found to be not watertight. The Owners informed me that they will replace it by one of a different shape at Rotterdam and they will request the Surveyor to examine it and to report about it.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *ft.*, R.Q.D. *ft.*, Bridge *ft.*, F'castle *ft.* (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *ft.*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *five steel Decks*

Official No. *56*; Signal Letters *None* State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *Corrosion and paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular*

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.	Tons.
Double bottom, under Engines and Boilers,	74.5	106.7	After peak tank,	16	34.7
Double bottom, if under Engines only,	49	125.8	Deep tank aft,	13.5	123.5
Double bottom, if under Boilers only,			Deep tank forward,		
Double bottom, forward,	113.5	221.8	Other tanks, if fitted,		
	Total capacity of double bottom	454.3	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *37* State whether the above have been tested as required by the Rules. *Yes and found tight*

Order for Special Survey No. *504*

Date *5/5-16*

No. *56* in builder's yard.

DATES OF SURVEYS held while building

25/9-17
24/5-14/6-18-
19/2-13/3-20/4-26/5-23/6-5/8-10/9-2-21/10-13/11-27/12-1919-
29/1-13-20/2-4-10-12-22-30-31/3-1-2-6-17-20-26-28/4-6-8-10-15-19-20-
22/5-1920.

Total No. of Visits *37*

The amount of Entry Fee *60.00* Fees applied for, *15/5 1920*

Special *11/11 1919.00* Received by me, *10/5 1920*

Travelling Expenses, if any *£282.00*

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

I am of opinion this Vessel should be Classed *100 A.1. Sheer deck*

With, or without Freeboard, as condition of Class *with freeboard*

Committee's Minute *TUE. JUN. 15 1920*

Character assigned *100 A.1*

Shelter dk with fbd

Lloyd's Arch *+ LMC 5.20 7.D.*

Surveyor to Lloyd's Register of British & Foreign Shipping.