

~~Awning or Shelter Deck,~~  
~~or Pl. Awning Deck.~~

STEEL STEAMER.

No. 66854

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

Yes (Incls. Refs)

Port of Newcastle-on-Tyne Date of completion of Report 18<sup>th</sup> November 1914 Received at London Office FRI. NOV. 20. 1914  
Survey held at Newcastle-on-Tyne Date, First Survey 30<sup>th</sup> Dec. 1913 Last Survey 13<sup>th</sup> November 1914

On the (State if Single, Twin, or Triple Screw)

S. S. Lysla

Rig Schooner

TONNAGE under Tonnage Deck... 4070.67

CLASS 100A1

FEET.

Master Christian Hansen

Year of Appointment (1) As Master in service of owner of present vessel;—1914 (2) As Master of this vessel;—November 1914

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.

Breadth (greatest moulded) 53.166

Total under Upper Dk.

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 28.000

Do. of Poop 72.08

Deduct height of 'tween deck when this does not exceed 8ft.

Do. of R. & Dk. 3.98

Transverse Number 81.166

Do. of Bridge House Side 17.76

Length on deck from fore part of stem to after part of sternpost 405.0

Do. of Fore-castle 32.58

Longitudinal Number 32872.0

Do. of Houses on Deck 74.79

Depth "d" at middle of length. See Secs. 2 & 13... 24.5

Do. of excess of Hatchways

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.25

Do. above Crown of

Destined Voyage Lonsberg

Built at Newcastle-on-Tyne

When built 1914 Launched 8 July 1914

By whom built Northumbrian S. S. Co. Ltd

Owners Sen. Norske Afrika- og Australia Linie

Managers Wich, Helmsen

Residence Lonsberg

Port belonging to Lonsberg

Gross Tonnage 4301.80

Net Tonnage 99.43

Net Tonnage for Fees... 4202.37

Net Tonnage for Engine Room 1376.58

Net Tonnage for Navigation Spaces 94.71

Net Tonnage for out on Beam... 2731.08

Net Tonnage for out on Beam... 2731.08

LENGTH on Deck as per Rule 405 Ft. 0 Ins. BREADTH Moulded 53 Ft. 2 Ins. DEPTH, ACTUAL—Top of Floors to top of Awn or Shelter Dk. Beams 33 Ft. 6 Ins. Do. Upper Deck Beams 25 Ft. 6 Ins. No. of Decks with flat laid Two and No. of Tiers of Beams Two and Shelter Dk.

Dimensions of Ship per Register, Length 405.0 breadth 53.45 depth 25.5 Upper Deck. Moulded depth, ft. 36 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 13 ins. Moulded depth, ft. 28 ins. 0 To Upper Dk.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.
FRAME, Angles, or Bars, amidships	12	32	66	12	32	66	PILLARS, In 'tween Deck, size and spacing	27/8	54	27/8	54
Do. in peaks	7	32	44	7	32	44	" " Hold				
Do. in way of Double Bottoms at Solid Floors	32	32	40	32	32	40	" Quarter, 'tween Dks., "				
" " B.A. at intermdt. Bkts.	7 1/2	32	44	7 1/2	32	44	" " in Hold				
acing of Frames from centre to centre amidships	27			27			KEELSONS AND STRINGERS.				
" length to collision bulkhead	27			27			CENTRE LINE KEELS ON, Vertical Plate above				
" of Frames from centre to centre in peaks	24			24			floors, Through Plate, or Intercoastal Plate				
EVERSED FRAME, Angles	Bulb Angle Frames						" Rider Plate				
Do. in way of Double bottoms at Solid Floors	Flange Flange to tank top						" Flat Keel Plate Angles				
" " B.A. at intermdt. Bkts.	7 3 40 17 3 40						" Horizontal Plates on Floors				
AMING, depth of girder	12			12			" Angles or Bulb Angles				
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							SIDE KEELSONS, Number				
" in way of Engine and Boiler spaces							" Angles or Bulb Angles				
" thickness at the ends of vessel							" Plate above floors, for				
" depth at 1/2 the half-bdth. as per Rule							" Intercoastal Plate, for				
" height extended at the Bilges							" Attached to outside plating with Angle				
DOORS, in Cell Double Bottoms	42-38			42-38			BILGE KEELSON, Angles				
" state if flanged (top and bottom)	Flange to tank top						" Intercoastal Plate, for				
" spacing of Solid	On way 3" frame						" Attached to outside plating with Angle				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	43 x 50			43 x 50			SIDE STRINGERS, Number				
" " Angles, Top	4 1/2 4 1/2 60			4 1/2 4 1/2 60			" " Angle				
" " Bottom	4 1/2 4 1/2 60			4 1/2 4 1/2 60			" " Intercoastal Plate, for				
" " to Floors	5 5 56			5 5 56			" Attached to outside plating with Angle				
" Brackets at intermdt. frmg., wdth & thcknss	3-6 x 40			3-6 x 40			Awning or Shelter Deck Stringer Plates, breadth and thickness	54 x 58		54 x 58	
DE GIRDERS, number and thickness	Two 40-36			Two 40-36			" Angle on ditto	5 x 5 x 60		5 x 5 x 60	
" state if flanged (top & bottom)	Flange to floor						" Tie Plates, fore and aft, outside Hatchways				
Angles	3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40			" Deck, Iron or Steel, for	full lng.		40-34	
REGIN PLATE, depth (exclusive of flange) and thickness	36 x 48			36 x 48			" Wood Deck, Material & thickness				
" Angles to outside plating	4 4 48			4 4 48			Upper Deck Stringer Plate, breadth and thickness	56 x 46		56 x 46	
" to floors	5 3 1/2 40			5 3 1/2 40			" Angles on ditto, No.	Two		3 1/2 x 3 1/2 x 48	
" Brackets at intermdt. frmg., wdth & thcknss	3-0 x 40			3-0 x 40			" Tie Plates, outside Hatchways				
" Height of Brackets above at bilge	2-11			2-11			" Deck, Iron or Steel, for	full lng.		40-36	
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	68 x 46			68 x 46			" Wood Deck, Material & thickness				
" thickness in Engine and Boiler space	ER. 48 B.S. 56			ER. 48 B.S. 56			Second Deck Stringer Plates, br'dth & thckn's	47		47	
" " Remainder in Holds	42-36			42-36			" Angles on ditto, No.	2		3 1/2 x 3 1/2 48	
MS, Awn or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2 3 1/2 52			8 1/2 3 1/2 52			" Tie Plates, outside Hatchways	32		32	
Spacing	On every frame						" Deck, Material and thickness	3" Pine			
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11 3 1/2 56			11 3 1/2 56			Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
Spacing	On alternate frames						" Angles on ditto, No.				
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	12 4 70			12 4 70			" Tie Plates, outside Hatchways				
Angles on upper edge							" Deck, Material and thickness				
" Spacing	54			54			Poop Deck Stringer Plate, breadth & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angles on ditto				
" Angles on upper edge							" Tie Plates				
" Spacing							" Deck, Material and thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Bridge Deck Stringer Plate, br'dth & thickness				
" Angles on upper edge							" Angle on ditto				
" Spacing							" Tie Plates				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Deck, Material and thickness				
" Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns				
" Spacing							" 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.



WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Ap- proved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing				9 m per profile + Deck plate			
" "	brdth. & thickness			2'0" x 1'3"		2'0" x 1'3"	
" "	No. of Side Stringers " "			-	-	-	-
WEB-FRAMES, In E. & B. Space, No. & spacing				-	-	-	-
" "	brdth. & thickness			-	-	-	-
WEB-FRAMES, In After Body, No. and spacing				-	-	-	-
" "	brdth. & thickness			-	-	-	-
" "	No. of Side Stringers " "			-	-	-	-
" "	Size of Face Angles to Web-Frames.....			Flanged 3 1/2	-	-	-
BRACKET PLATES to Stringers between				-	-	-	-
Web Frames, depth and thickness.....				-	-	-	-

  

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Framed.	Height up state deck.	
Vessel.	Per Rule.	Inches.	Horizontal.		Vertical.				
			Size.	Spacing.	Size.	Spacing.			
			Inches.	Inches.	Inches.	Inches.			
After Peak, 9+11	6	40	Semi box beam	9	5	46	24	Single	Aftmost
W.T.BULKHEADS	6	33	-	-	11 1/2	58	29	-	-
N° 42	-	32	-	-	10 1/2	58	30	-	-
N° 74	-	32	-	-	10 1/2	58	30	-	-
N° 96	-	32	-	-	10 1/2	58	30	-	-
N° 142	-	32	-	-	10 1/2	58	30	-	-
" COLLISION	12	44	7 3/4	42	9 1/2	32	24	-	Shelter Deck
PARTITION	-	-	-	-	-	-	-	-	-
LONGITUDINAL	-	-	-	-	-	-	-	-	-

Are the outside Plates doubled two spaces of Frames in length? *Cross-hatched & jagged plating*

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

  

PLATING.							RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES Ordinary or jogged?				BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.						Double or Treble rivets.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	RIVETS Diam.	Spacing cr. to cr.	Breadth.	Thick-	Breadth.	For what Length.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.	
FLAT PLATE KEEL.....	47	1.00	.70	.70	47	1.00	Double	6	1	3 3/8	2 inch to 7/8	1	4	-	-	16	7 ft
(If Bar Keel, state Riveting.)																	
GARBOARD OF A Strake	72	.62	.48	.48	72	.66		5 1/4	7/8	3 3/8	2 inch to 1/2	7/8	3 1/2	-	-	12	-
State actual thickness in way of Double Bottom.	B	.73	.64	.48	.48	72	.66										
	C	.72	.62	.48	.48	72	.66										
	D	.72	.62	.48	.48	72	.66										
	E	.69	.66	.48	.48	69	.66										
	F	.73	.66	.44	.44	72	.66										
	G	.72	.66	.44	.44	72	.66										
	H	.68	.66	.44	.44	72	.66										
	J	.72	.66	.44	.44	68	.66										
	K	.72	.66	.46	.46	72	.66		6	1	3 3/8						
shur	L	.57	.76	.46	.46	.57	.76				2 inch to 6/8	1	4			14	7 ft
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WEB FRAMES.				Inches in Ship.		Inches per Rule.		FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule.	
				Inches in Ship.		Inches per Rule.				Inches in Ship.		Inches per Rule.	
WEB-FRAMES, In Fore Body, No. and spacing				9 as per profile & deck plan		2-0 1/2 x 1-3		KEEL, Bar, depth and thickness		Flat Plate Keel			
" " " " brdth. & thickness								STEM, moulding and thickness		10 x 2 3/32		10 1/2 x 2 3/4	
" " " " No. of Side Stringers								STERN-POST for Rudder do. do.		9 x 7 1/2 + 10 1/2 x 7 1/2		9 x 7 1/2 + 10 1/2 x 7 1/2	
WEB-FRAMES, In E. & B. Space, No. & spacing								" " " " for Propeller		10 1/2 x 7 1/2		10 1/2 x 7 1/2	
" " " " brdth. & thickness								RUDDER-A x D* Table 22. Speed		Under 10 K 134.40 x 3.54 = 475.7			
WEB-FRAMES, In After Body, No. and spacing								" " " " Main-Piece, diameter at head		9 1/2		9 1/2	
" " " " brdth. & thickness													
" " " " No. of Side Stringers													
" " " " Size of Face Angles to Web-Frames													
BRACKET PLATES to Stringers between Web Frames, depth and thickness													

BULKHEADS.		Number.		Thickness.		H. Siz.	
		Vessel.	Per Rule.	Inches.	Inches.		
After Peak 9+11		6	6	40	32	Semi	
W.T. BULKHEADS							
No 42					33		
No 74					32		
No 96					32		
No 142					32		
" COLLISION				44	36	7-3/2	
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Fr

Are the Stairs Valves and Watertight Doors in

### PLATING

STRAKES.		AS IN S		AMIDSHIP.		F	
		Breadth.	Thickness.				
		Inches.	Inches.				
FLAT PLATE KEEL.....		47	1.00				
(If Bar Keel, state Riveting.)							
GARBOARD or A Strake		72	.62				
State actual B "		73	.64				
thickness in C "		72	.62				
way of Double D "		72 1/2	.62				
Bottom. E "		69	.66				
F "		73	.66				
G "		72	.66				
H "		68	.66				
J "		72	.66				
K "		72	.66				
shun L "		57	.76				
M "							
N "							
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R "							
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U "							
V "							
W "							
THICKNESS OF SH'ER STRIKE							
CLEAR OF LONG BRIDGE							
DO. OF STRAKE BELOW							
DELG. of Flat Plate Keel							
" Sheerstrakes							
Length and thickness.							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES							

Awning or Shelter Deck	Butts, <u>double</u> riveted for	full	length	amidship.
Stringer Plate	Straps, single, double or overlapped for	full	length	amidship.
Upper Deck	Butts, <u>double</u> riveted for	full	length	amidship.
Stringer Plate	Straps, single and overlapped for	full	length	amidship.

Inner Bottom Plating, riveting of Edges	Butts, <u>double</u> riveted	full	length	amidship.
Centre Girder Butts, <u>double</u> riveted	Keelson Butts, <u>double</u> riveted	full	length	amidship.
Frames, riveted through Plates with 7/8 in. Rivets, about 5 1/4 apart.				
Rivets, state whether Iron or Steel	Iron			

FRAMES extend in one length from Tank side to Upper Deck & Shelter Deck at Mainmast State if ordinary or joggled Ordinary

REVERSED FRAMES on floors and frames extend from Bulk Angle frames & flanged floors State if ordinary or joggled ✓

### MASTS, SPARS, &c.

		Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
				At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....		Fore	50'-0"	25 1/2 x 13/16	25 x 10/16		19 1/2 x 1/16	Two	3	3 x 2 x 5/4	1 gl	2 bl
		Main	"	25 1/4 x 7/16	25 x 8/16		17 1/2 x 1/16	One				
		Mizen										
Bowsprit												
Topmasts, Yards and Remainder of Spars												
Rigging, Material and Size, Shrouds												
Sails.												



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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 is joined to the B.D., this should be distinctly stated *Complete Shelter Deck*

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 should appear in the Register Book). *1 BR (cd) and Shelter Deck (cd) 2 IR (cd) and Shelter Deck (cd)*  
Official No. ....; Signal Letters ..... State if Machinery is fitted aft *Aft*  
How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	137.3	410	Fore peak tank,		
Double bottom, under Engines and Boilers,	45.0	210	After peak tank,	21.3	135
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	173.3	645	Other tanks, if fitted,		
	Total capacity of double bottom	1265	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. *4480*

Date *11.12.1913*

No. *219* in builder's yard.

DATES OF SURVEYS held while building

1913 Dec. 30. Jan. 6. 7. 12. 27. Feb. 3. 6. 23. 24. 25. 27. Mar. 7. 19. 23. 31. Apr. 3. 8. 20. 24. 27. May 1. 4. 6. 11. 12. 14. 21. 29. Jun 5. 11. 15. 19. Jul 7. 8. 9. Aug 29. Sep 1. 30. Oct 2. 5. 6. 7. 8. 13. 15. 19. 20. 23. 26. 28. 30. Nov 3. 5. 10. 11. 12. 13.

Total No. of Visits *59*

Surveyor's Signature *Alfred Munro*

Lloyd's Register Foundation