

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office 15 AUG 1912

Date of completion of report 10<sup>th</sup> August 1912.

Survey held at *Alloa*

On the *NESTOR*

TONNAGE under Tonnage Deck... 1119.84

Do. between Tonnage Dk. and 3rd and 4th Dk. ... 92.64

Total under Upper Dk. ... 94.02

Do. of Poop ... 31.76

Do. of Bridge House ... 47.10

Do. of Forecastle ... 34.84

Do. of excess of Hatchways ... 1420.26

Do. above Crown of Engine Room ... 52.85

Gross Tonnage ... 1364.61

Less Crew Space ... 454.48

Less above Crown of Engine Room ... 79.51.56

TONNAGE FOR FEES ... 861.54

Less Engine Room ... 861.54

Less Navigation Space ... 861.54

Register Tonnage as cut on Beam ... 861.54

State if Report is also sent on the Machinery of the Vessel *No.*

Port of *Leith*

Date, First Survey 12<sup>th</sup> December 1911

Last Survey 11<sup>th</sup> July 1912

Rig *Fore & aft Schooner*

Master *L. Prabh*

Year of appointment (1) As Master in service of owner of present vessel: 1889 (2) As Master of this vessel: 1912

Built at *Alloa*

When built 1912 Launched 12<sup>th</sup> July

By whom built *Messrs Mackay Bros.*

Owners *Neptun Dampfschiffahrts Gesellschaft*

Managers *do*

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

Residence *Bremen Germany*

Port belonging to *Bremen*

CLASS *+100 A1*

FEET.

Breadth (greatest moulded) ... 35.83

Depth, at middle of length from top of keel to top of upper deck beams at side ... 18.5

Transverse Number ... 54.33

Length on deck from fore part of stem to after part of stern post ... 235.0

Longitudinal Number ... 12764

Depth "d" at middle of length (See Secs. 2 & 13) ... 15.58

Proportions—Depth to Length—Upper Deck Beam at side to top of keel ... 12.68

" " Long Bridge Deck Beam at side to top of keel ...

Destined Voyage

If Surveyed while Building *At float, or in Dry Dock* *No*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
235	0		35	10		16	3		One	One

Dimensions of Ship per Register, Length 235.25 breadth 36.0 depth 16.3 Moulded depth, ft. 25 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 83 1/4 ins. Moulded depth, ft. 18 ins. 6 To Upper Dk.

FRAMING.					PILLARS.				
Inches in Ship.	Inches in Ship.	Inches in Ship.	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.
<b>FRAME, Angles or Bars amidships</b> ... 4 3 4 3 4 3					<b>PILLARS, In 'tween Deck, size and spacing</b> ... 2 1/2 4 1/2 2 1/2 4 1/2				
Do. in peaks ... 3 3 3 3 3 3					" " Hold ...				
Do. in way of Double Bottoms at Solid Floors ... 3 3 3 3 3 3					" Quarter 'tween Dks., ...				
" " at intermdt. Bkts. ... 4 3 4 3 4 3					" " in Hold ...				
Spacing of Frames from centre to centre amidships ... 23					<b>KEELSONS &amp; STRINGERS.</b>				
" " from 1/2 length to Collision bulkhead ... 23					<b>CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate</b>				
" " in peaks ... 23					" Rider Plate ...				
<b>REVERSED FRAME, Angles</b> ... 5 4 5 4 5 4					" Flat Plate Keel Angles ...				
Do. in way of Double Bottoms at Solid Floors ... 5 4 5 4 5 4					" Horizontal Plates on Floors ...				
" " at intermdt. Bkts. ...					" Angles or Bulb Angles ...				
<b>FRAMING, depth of girder</b> ...					<b>SIDE KEELSONS, Number</b> ...				
<b>FLOORS, depth and thickness of Floor Plate</b> at mid-line for 1/2 length amidships ...					" Angles or Bulb Angles ...				
" in way of Engine and Boiler Spaces ...					" Plate above floors, for length ...				
" thickness at the ends of vessel ... 34 x 32					" Intercoastal Plate, for length ...				
" depth at 1/2 the half breadth, as per Rule ...					" Attached to outside Plating with Angle ...				
" height extended at the Bilges ...					<b>BILGE KEELSON, Angles</b> ...				
<b>FLOORS &amp; BRACKETS in Cell Dble Bottoms</b> ... 35 x 32 BS 42					" Intercoastal Plate for length ...				
" state if flanged (top & bottom) ...					" Attached to outside Plating with Angle ...				
" Spacing ... 23					<b>SIDE STRINGERS, Number</b> ...				
<b>CENTRE GIRDER, in Dbl. bottom, dpth. &amp; thcknss.</b> ... 35 x 42 BS 52					" Angle ...				
" Angles, Top ... 3 3 3 3 3 3					" Intercoastal Plate, for length ...				
" Bottom ... 4 4 4 4 4 4					" Attached to outside plating with Angle ...				
" to Floors ... 3 3 3 3 3 3					<b>Upper Deck Stringer Plate, br'dth &amp; thickness</b> (clear of Bridge) ... 50 x 50 1/2 x 36				
<b>DE GIRDERS, number on each side &amp; thickness</b> ... 40 30 BS 40					" " " " br'dth & thickness (in way of Bridge) ... 4 x 4 x 50 1/2				
" state if flanged (top and bottom) ...					" " " " Angle (clear of Bridge) ... 3 1/2 x 3 1/2 x 36 1/2				
" Angles (top and bottom) ... 3 3 3 3 3 3					" Tie Plate at sides of Hatchways ...				
" to Floors ... 3 3 3 3 3 3					" Deck * <i>Iron</i> Steel, for full lng. ... 30				
<b>MARGIN PLATE, depth (exclusive of flange) and thickness</b> ... 25 x 36 1/2 x 46 BS					" Thickness (clear of Bridge) ... 40 x 34 x 30				
" Angles to Outside Plating ... 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2					" (in way of Bridge) ... 40 x 30				
" Floors ... 3 3 3 3 3 3					" Wood Deck, Material & thcknss ...				
" Height of Brackets above at bilge ... 14					<b>Second Deck Stringer Plate, br'dth &amp; thickness</b> ... 54 x 46 1/2 x 23 x 36				
<b>UNDER BOTTOM PLATING, breadth and thickness of Middle Line Strake</b> ... 60 x 42 1/2 x 38 x 34					" Angles on ditto, No. ...				
" in Engine and Boiler space ... 78 x 36 BS 52					" Tie Plates outside Hatchways ...				
" Remainder in Holds ... 36 x 34 x 30					" Deck * <i>Iron</i> Steel, for full lng. ... 30 x 40				
<b>AMS, Upper Deck, Single Angle, Bulb</b> ... 6 1/2 3 3 3 3 3					" Wood Deck, Material & thickness ...				
" Angle, Plate, Tee Bulb, or Channel ... 6 x 3 1/2 x 36 1/2					<b>Third Deck Stringer Plate, br'dth &amp; thickness</b> ...				
" Angles on upper edge ... 3 3 3 3 3 3					" Angles on ditto, No. ...				
" In way of Long Bridge ... 3 3 3 3 3 3					" Tie Plates, outside Hatchways ...				
" Spacing ... 23					" Deck * Material and thickness ...				
<b>BEAMS, Second Deck, Single Angle, Bulb</b> ... 5 1/2 3 3 3 3 3					<b>Fourth and Fifth Deck Stringer Plate, breadth &amp; thickness</b> ...				
" Angle, Plate, Tee Bulb, or Channel ... 5 x 3 1/2 x 36 1/2					" Angles on ditto, No. ...				
" Angles on upper edge ... 3 3 3 3 3 3					" Tie Plates outside Hatchways ...				
" Spacing ... 23					" Deck, Material & thickness ...				
<b>BEAMS, Third and Fourth Deck, Single Angle, Bulb</b> ... 5 1/2 3 3 3 3 3					<b>Poop Deck Stringer Plate, breadth &amp; thickness</b> ...				
" Angle, Plate, Tee Bulb, or Channel ... 5 x 3 1/2 x 36 1/2					" Angle on ditto ...				
" Angles on upper edge ... 3 3 3 3 3 3					" Tie Plates ...				
" Spacing ... 23					" Deck, Material and thickness ...				
<b>BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> ... 5 1/2 3 3 3 3 3					<b>Bridge Deck Stringer Plate, br'dth &amp; thickness</b> ... 38 32 38 32				
" Angles on upper edge ... 3 3 3 3 3 3					" Angle on ditto ... 3 x 3 32 3 x 3 32				
" Spacing ... 23					" Tie Plates ...				
<b>BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> ... 5 1/2 3 3 3 3 3					" Deck, Material and thickness ... 26 26				
" Angles on upper edge ... 3 3 3 3 3 3					<b>Forecastle Deck Stringer Plate, br'dth &amp; th'kns</b> ... 23 30 23 30				
" Spacing ... 23					" Angle on ditto ... 3 x 3 30 3 x 3 30				
" Angles on upper edge ... 3 3 3 3 3 3					" Tie Plates ...				
" Spacing ... 46					" Deck, Material and thickness ... 40 30 x 26 26				

W198-0215-1/2



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EQUIPMENT No. 13649				LETTER O				ANCHORS.				TONNAGE U.K. OR PLATING No. FOR TRAWLERS			
No. of Certificate	Anchors	WEIGHT, EX STOCK	WEIGHT OF STOCK	TEST PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 31	Description of Anchor	Makers	Where and when tested and Superintendent							
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.										
38512	1st Bower ...	28 2 14	28 2 14	27 11 3	28 0 0	Rykes Britannic	Rykes & Co	Liphon 12-12-11 C. E. Reine							
10644	2nd " ...	26 0 10	26 0 10	25 14 1	28 0 0	"	"	Grady Heath 18-1-12 C. Paul							
38449	3rd " ...	25 1 0	25 1 0	24 19 1	24 0 0	"	"	Liphon 28-11-11 C. E. Reine							
	4th " ...														
	Collective weight	99 3 24			80 0 0										
11140	Stream .....	4 1 2	4 1 2	9 9 1	4 0 0	Rodgers	"	Grady Heath 26-1-12 C. Paul							
11141	Kedge.....	4 1 0	4 1 0	6 12 2	4 0 0	"	"	"							

  

CHAIN CABLES.										HAWSELS AND WARPS.									
No. of Certificate	Length and size supplied	Test per Certificate	WEIGHT OF CHAIN CABLE	Length and Size per Table 31	Description	Makers of Cables	Where and when tested and Superintendent	Material	Length and size supplied	Breaking Test of Steel Wire Towline	Length and Size per Table 31								
	Fathoms. Length. Diam.	Status Break ing.	Supplied Per Rule	Cwts. qrs. lbs.	Fathoms. Length. Diam.				Fathoms. Length. Cir.	Tons. Weight	Fathoms. Length. Cir.								
40459	240 1 1/2	13 1/2	2 1/2	298 2 1/2	240 1 1/2	Hill & Co	Liphon 31-5-12 C. E. Reine	TOWLINE	240 1 1/2	22 1/2	90 3/4								
								HAWSELS & WARPS	90 3/4 2 1/2	9 1/2	90 3/4								
Iron Stream Chain or Steel Wire	45 3/4	✓	✓	✓	45 3/4	Hill & Co													

**Boats** Two Lifeboats & One Cutter  
**Pumps, Number** Downfall Pump  
**Windlass is** Manual - Clark Chapman's Patent  
**Engine Room Skylights** - How constructed? Built with built eyes  
**Coal Bunker Openings** - How constructed? Built with built eyes  
**Cargo Hatchways** - How formed? Built coamings  
**State size No. 1 Hatch** (Forward) 13' 4" x 16' 0" x 34" amms  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch 11/1 Hatched on web plates & 3 fore & afters  
**Bulwarks**, height above deck and description 4' 0" Mid 32  
**The foregoing is a correct description.**  
**Builder's Signature** (here enter) Mackay Brothers  
**Surveyor's Signature** J. M. Anderson  
**Surveyor to Lloyd's Register of British and Foreign Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) Vm Decr 5, M (copy); 6<sup>th</sup> M; 6<sup>th</sup> M (copy); 4<sup>th</sup>; 1910 January 2<sup>nd</sup> M; 10<sup>th</sup> M; 25<sup>th</sup> M; February 24<sup>th</sup> M; March 15<sup>th</sup> E; July 9<sup>th</sup> M; 13<sup>th</sup>;

**Workmanship.** Are the butts of plating planed or otherwise fitted? planed  
Is the riveted work properly closed? Yes  
Are the liners between the frames and plates solid single pieces? Yes  
to plate, &c., conform well to each other? Yes  
from the faying surfaces? Yes  
Do the holes for riveting plate to frames, butt straps, or plates  
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 the plating? 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. 2)? Yes  
State results of tests. Satisfactory  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 2)? Yes  
State results of tests. Satisfactory  
**General Remarks** (State quality of workmanship, &c.) The workmanship and materials are good.

This vessel has been built under special survey and in accordance with the approved plan of midship section forwarded to London on the 24<sup>th</sup> July 1910 and in conformity with the Rules.  
Plan of profile, longitudinal bulkhead, arrangement of brackets on lee of pillars at sides of hatchways, pumping arrangement, forging plan, together with two forging reports are herewith enclosed.  
This vessel has proceeded to Messrs Mac Coll & Pollock, engineers Dundee to receive machinery and boilers. To complete the survey for classification the following remains to be done:—Dismantling of fore peak top to be tried & seen working, engine & boiler casing to be retested, pillars in engine above space to be fitted, tunnel top to be pulled & tested with water & hold ventilators to be fitted.

Lith  
No. of Report 11404 "S.S. Nio" Sister Vessel.  
The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee	£	s	d	Fees applied for,
Special Survey	59	4	0	Received by me,
Travelling Expenses	4	8	0	4.9.12

State whether the Vessel has been built under Special Survey Yes  
I am of opinion this Vessel should be Classed T100A1 (L.A.C.P.) Without  
With, or without Freeboard, as condition of Class Without  
**Committee's Minute**  
**Character assigned**  
FRI. AUG. 16. 1912  
100 R  
Lloyd's at 12  
+ time 8.12  
M  
J. M. Anderson  
Surveyor to Lloyd's Register of British and Foreign Shipping.



GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. 86.25 ft., Bridge 55.58 ft., Forecastle 28.5 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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) One deck steel one tier of beams

Official No. ☒ ; Signal Letters ☒ State if Machinery is fitted aft No

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,	<u>54.6</u>	<u>102</u>	Fore peak tank,	<u>16.6</u>	<u>64</u>
Double bottom, under Engines and Boilers,	<u>✓</u>		After peak tank,	<u>11.6</u>	<u>36</u>
Double bottom, if under Engines only,	<u>14.3</u>	<u>86</u>	Deep tank, aft,	<u>✓</u>	<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>		Deep tank, forward,	<u>✓</u>	<u>✓</u>
Double bottom, forward,	<u>93.11</u>	<u>169</u>	Other tanks, if fitted,	<u>✓</u>	<u>✓</u>
		Total capacity of double bottom <u>354</u>	(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. 942

Date 30th November, 1911

No. 14 in builder's yard.

Dates of Surveys held while building

1911 December 12, 22, 28. 1912 January 4, 11, 18, 26. February 9, 16, 23, 29. March 8, 15, 22, 29. April 4, 10, 12, 19, 25. May 3, 10, 14, 24, 31. June 4, 14, 21, 28. July 5, 11.

Surveyor's Signature

*J. M. Anderson*

Total No. of Visits 31

Lloyd's Register Foundation