

# With or Without Disconnected Erections.

# STEEL STEAMER.

Received at London Office, **11th MAY 25 1922**

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

Date of completion of report **23<sup>rd</sup> May**  
Survey held at **Bowes**

Port of **Southampton**  
Date, First Survey **3<sup>rd</sup> April**

No. **11234**  
Last Survey **22<sup>nd</sup> May 1922**

On the (State if Single, Twin, Triple Screw) **S.S. NESS** ex **ALEXANDER PALMER**

Rig **Ketch**

**TONNAGE under Tonnage Deck**  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
**Total under Upper Dk. 246**  
Do. of Poop  
Do. of R.Q. Dk.  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Dk.  
Do. of excess of Hatchways  
Crown of Room  
**Space 275**  
Crown of Room  
FOR FEES.  
Main Room  
Cabin Spaces  
**Tonnage on Beam 107.**

**CLASS 100 A.1.**  
**Breadth (greatest moulded) 23.33**  
**Depth, at middle of length from top of keel to top of upper deck beams at side 13.5**  
**Transverse Number 36.83**  
**Length on deck from fore part of stem to after part of stern post 125.**  
**Longitudinal Number 4604**  
**Depth "d," at middle of length (See Secs. 2 & 13) 12.16**  
**Proportions—Depths to Length—Upper Deck Beam at side to top of keel 9.26**  
" " Long Bridge Deck Beam at side to top of keel ✓

**Master** ✓  
**Year of appointment** (1) As Master in service of owner of present vessel—10 (2) As Master of this vessel—10  
**Built at** **Middlesbrough**  
**When built** **1917** **Launched**  
**By whom built** **Smiths Dock Co. Ltd.**  
**Owners** **J.S. White Co. Ltd.**  
**Managers**  
(Where necessary to be entered in Reg. Book.)  
**Residence** **Bowes**  
**Port belonging to** **Sunderland**

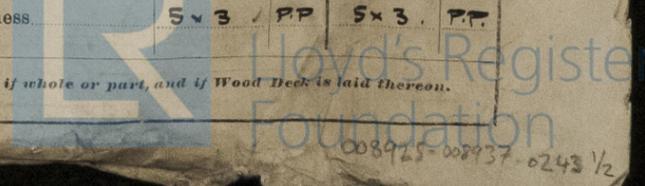
**Destined Voyage** **Badry** **If Surveyed while Building, Afloat, or in Dry Dock** **Yes.**

on Deck	Feet.	Inches.	<b>BREADTH—</b>	Feet.	Inches.	<b>DEPTH, ACTUAL—</b>	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
rule	125	0	Moulded	23	4	Do. do. do. do.	Second Dk. Beams	12	9	one
										No. of Tiers of Beams <b>one</b>

of Ship per Register, Length **125.5** breadth **23.4** depth **12.8** Moulded depth, ft. **13** ins. **6** To Bridge Dk. Round of Upper Dk. Beam, Actual **7** ins.

FRAMING.	Inches in Ship		Inches per Rule or as Approved		PILLARS.	Inches in Ship		Inches per Rule or as Approved	
	Inches	Inches	Inches	Inches		Inches	Inches	Inches	Inches
Angles, <del>E or F</del> Beams amidships	4 1/2	3	4 1/2	3	<b>PILLARS In 'tween Deck, size and spacing</b>	3		3	
Peaks	4 1/2	3	3 5/8	3	" " Hold				
Way of Double Bottoms at Solid Floors					" " Quarter 'tween Dks.,				
" " at intermdt. Bkts.					" " in Hold				
Frames from centre to centre amidships					<b>KEELSONS &amp; STRINGERS.</b>				
" " from 1/2 length to Collision bulkhead	21		21		<b>CENTRE LINE KEELSON, Channel</b>	12 x 3 1/2 x 3 1/2	50	12 x 3 1/2 x 3 1/2	50
" " in peaks					" " Rider Plate				
<b>RED FRAME, Angles, m. E. R.</b>	3 1/2	3	4 1/4	3	" " Flat Plate Keel Angles				
Way of Double Bottoms at Solid Floors					" " Horizontal Plates on Floors				
" " at intermdt. Bkts.					" " Angles or Bulb Angles				
Depth of girder	4 1/2		4 1/2		<b>SIDE KEELSONS, Number</b>				
Depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16		16	40	" " Angles or Bulb Angles				
Way of Engine and Boiler Spaces	40		44	40	" " Plate above floors, for length				
Thickness at the ends of vessel	30		30		" " Intercostal Plate, for length				
Depth at 1/2 the half breadth, as per Rule	Save		Save		" " Attached to outside Plating with Angle				
Height extended at the Bilges					<b>BILGE KEELSON, Angles</b>	5	4	5	4
Plating in Cell. Double Bottoms					" " Intercostal Plate, for length				
State if flanged (top & bottom)					" " Attached to outside Plating with Angle	3	3	3	3
Spacing of Solid floors					<b>SIDE STRINGERS, Number</b>				
<b>GIRDER, in Dbl. bottom, dpth. &amp; thknss.</b>					" " Angle				
" " Angles, Top					" " Intercostal Plate, for length				
" " Bottom					" " Attached to outside plating with Angle				
" " to Floors					<b>Upper Deck Stringer Plate, br'dth &amp; thickness</b>	25	38	25	34
Brackets at intermdt. frmg., wdth & thknss					" " " " " " br'dth & thickness				
<b>STRINGERS, number on each side &amp; thickness</b>					" " " " " " (in way of Bridge)	3 x 3	38	3 x 3	34
" " state if flanged (top and bottom)					" " " " " " Angle (clear of Bridge)				
" " Angles (top and bottom)					" " Tie Plate at sides of Hatchways	8	32	8	32
" " to Floors					" " Deck * Iron or Steel, for lng.		25		25
<b>PLATE, depth (exclusive of flange) and thickness</b>					" " Thickness (clear of Bridge)				
" " Angle to Outside Plating					" " (in way of Bridge)				
" " Floors					" " Wood Deck, Material & thickness	5 x 3	P.P.	5 x 3	P.P.
Brackets at intermdt. frmg., wdth & thknss					<b>Second Deck Stringer Plate, br'dth &amp; thickness</b>				
Height of Outside Brackets above at bilge					" " Angles on ditto, No.				
<b>BOTTOM PLATING, breadth and thickness of Middle Line Strake</b>					" " Tie Plates outside Hatchways				
" " in Engine and Boiler space					" " Deck * Iron or Steel, for lng.				
" " Remainder in Holds					" " Wood Deck. Material & thickness				
<b>Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel</b>	5 1/2	3	5 1/2	3	<b>Third Deck Stringer Plate, br'dth &amp; thickness</b>				
In way of Long Bridge					" " Angles on ditto, No.				
Spacing	42		42		" " Tie Plates, outside Hatchways				
<b>Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel</b>					" " Deck * Material and thickness				
Spacing					<b>Fourth and Fifth Deck Stringer Plate, breadth &amp; thickness</b>				
<b>Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b>					" " Angles on ditto, No.				
Angles on upper edge					" " Tie Plates outside Hatchways				
Spacing					" " Deck. Material & thickness				
<b>Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b>					<b>Poop Deck Stringer Plate, breadth &amp; thickness</b>				
Angles on upper edge					" " Angle on ditto				
Spacing					" " Tie Plates				
<b>Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b>					" " Deck. Material and thickness				
Angles on upper edge					<b>Bridge Deck Stringer Plate, br'dth &amp; thickness</b>				
Spacing					" " Angle on ditto				
<b>BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b>	5 1/2	3	5	3	" " Tie Plates				
Angles on upper edge					" " Deck. Material and thickness	5 x 3	P.P.	5 x 3	P.P.
Spacing	42		42						

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



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WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule, Or as Approved.	FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule, Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness				KEEL, Bar, depth and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
No. of Side Stringers				STEM, moulding and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness				STERN-POST for Rudder do. do.	3 1/2 x 3	3 1/2 x 3
WEB-FRAMES, In After Body, No. and spacing brdth. & thickness				for Propeller	3 3/4 x 3	3 3/4 x 3
No. of Side Stringers				RUDDER—A x D* Table 22. Speed		
Size of Face Angles to Web-Frames				Main-Piece, diameter at head	5	5
BRACKET PLATES to Stringers between Web Frames, depth and thickness				at heel	3 1/2 x 3	3 1/2 x 3

BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up, or to deck.
W.T. BULKHEADS aft Peak	2	2	Horizontal Size, Spacing. Vertical Size, Spacing.		
	5	5	L 4 x 3 x 40	Single	
	43	43	L 5 1/2 x 3 x 36, 30"		
COLLISION PARTITION LONGITUDINAL	65	65	L 5 1/2 x 3 x 40, 24"		

RUDDER, how constructed	Thickness of Plates
Can the Rudder be unshipped afloat?	Double 28
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.?	Built under British Corporation Survey
Has the Steel been tested as required by the Rules?	

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES Ordinary or Joggled?	BUTTS.			
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	Single or Double.		RIVETS.	STRAPS.	IF LAPPED.	
FLAT PLATE KEEL							Joggled				
GARBOARD OF A Strake	50	45	40	40	38	38	5/8	1	5		
B "		40			32	32	3/4	3/4	3/4		5" full
C "		45			32	32					
D "		45			42	42					
E "	56	50			36	36				9/4	1 1/2 50
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THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel Sheerstrakes Length and thickness.											
POOP SIDES											
SHORT BRIDGE SIDES											
FORECASTLE SIDES		35			25	25	3/8	3/4	3/8	3/8	5" full

Upper Deck Stringer Plate	Butts, riveted for	length amidship.	Butts of Side Stringers	riveted.
	Butts, riveted for full	length amidship.	Tie Plates	Butts riveted.
Second Deck Stringer Plate	Butts, riveted for	length amidship.	Inner Bottom Plating, riveting of Edges	Butts riveted.
	Straps, single or overlapped for	length amidship.	Centre Girder Butts,	Keelson Butts, riveted.
			Frames, riveted through Plates with	3/4 in. Rivets, about 7 diam. apart.
			Rivets, state whether Iron or Steel	Iron

FRAMES extend in one length from	to	State if ordinary or joggled
REVERSED FRAMES on floors and frames extend	across floors in Eng. space	ordinary
		State if ordinary or joggled

MASTS, SPARS, &c.										
Lower MASTS.	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	
Fore	P.P.									
Main	P.P.									
Mizen	P.P.									
Topmasts, Yards and Remainder of Spars										
Rigging, Material and Size, Shrouds	S.W.R.		Stays		S.W.R.					
Sails.	one		Suit of canvas		Sails, and the following spare sails					

EQUIPMENT No.	ANCHORS.	TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS
47544	1st Bower	479 ads; R.W.D. 1677; 2/2/1917.
47544	2nd "	46 " ; R.W.D. 1653; 11/1/1917.
	3rd "	
	4th "	
47528	Kedge	3 0 7

Particulars of Drop Test of Cast Steel Anchors, viz.:	1st Bower	2nd "	3rd "	4th "
Weight, Surveyor's Initials, Number of Certificate, Date of Test.	479 ads; R.W.D. 1677; 2/2/1917.	46 " ; R.W.D. 1653; 11/1/1917.		

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF STOCK.	Length and size supplied.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
22695	105	1/6	60.3.4	60.2.18	105	1/6	Shd not stated

Boats	Steering Gear, Steam	Steering Gear, Hand
three	4	4
Pumps, Number	4	4
Windlass is	Capstan	
Engine Room Skylights.	Steel plate angles	Bulls eyes in plain
Coal Bunker Openings.	How constructed? Steel plate angles	How are lids secured? clips
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.	Four freeing Ports	Four scuppers
Ceiling in Holds, thickness and material	lined	
Cargo Hatchways.	How formed? No. 2 Hatch	No. 3 Hatch
State size No. 1 Hatch (Forward)	No. 2 Hatch	No. 3 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch	No. 2 Hatch	No. 3 Hatch
Bulwarks, height above deck and description	35" x 32 steel plate	Main Rail, material and size 7 x 3 x 40 B.A.
Builder's Signature	John. a. Lowson	Secretary to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M. 9/4/22

4/5/22

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? joggled plating

Are 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 facing 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? or overlapped? yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes

State results of tests Satisfactory

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

The workmanship throughout appears to be good

This vessel was built under British Corporation Survey to plans and specification mutually approved by Lloyd's Register of Shipping and British Corporation.

This vessel is a sister vessel to S.S. John Lyons. See ref. N: 10756.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ : : 24/5/11/22

See Secretary's letter 4/5/22

Special Survey Fee... £ 10 : 0 : 0

Travelling Expenses, if any £ 1 : 2 : 0

Fees applied for, Received by me

Certificate to be sent to Son

Date of issue 26/5/22

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed 100. A. 1. Star Trawler.

With, or without Freeboard, as condition of Class without

John. a. Lowson, Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned 100 A. 1. Star Trawler

Lloyd's arch. 3-5-22

Date build 1917

John. a. Lowson

Secretary to Lloyd's Register of Shipping.

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GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop      ft., R.Q.D. 72 ft., Bridge      ft., Forecastle 21  
 (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 should appear in the Register Book*) 1 De.  
 Official No.     ; Signal Letters     . State if Machinery is fitted aft yes.  
 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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft,	/	/	Fore peak tank,	/	/
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		(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

Order for Special Survey No.      /  
 Date      /  
 No. 696 in builder's yard.  
 DATES of Surveys held while building April 3<sup>rd</sup> : 4 : 11 : 18 : May 16<sup>th</sup> : 22<sup>nd</sup>  
 Total No. of Visits 6

Surveyor's Signature

*John A. Lawson*  
 Lloyd's Register Foundation

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