

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

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

Date of completion of report  
Survey held at

4 - APR 1916

Port of

London

No.

78795

191

Date, First Survey

8 December 1914

Last Survey

31.3.16

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

Single Screw Steamer "Orbird"

Rig

Ketch

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

220.68

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

Do. above Crown of

Engine Room

Gross Tonnage

309.57

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES..

Less Engine Room

Less Navigation Spaces

Register Tonnage

on Beam

CLASS +100 A.I.

FEET.

Breadth (greatest moulded)

23-0"

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

10-6"

Transverse Number

33.5

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

135-0"

Longitudinal Number

4522.5

Depth "d," at middle of length (See Secs. 2 & 18)

9-3"

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

12.85

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

Master

H. W. Leeks

Year of appointment

(1) As Master in service of owner of present vessel: 1910

(2) As Master of this vessel: March 1916

Built at

St. Jarmouth

When built

1915

Launched

9.12.15

By whom built

Miss Brattree & Co. Ltd.

Owners

Miss R. & L. Paul Ltd.

Managers

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

Residence

Spwisch

Port belonging to

Spwisch

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Building Afloat

in Dry Dock

<b>FTH on Deck</b>	<b>Feet.</b>	<b>Inches.</b>	<b>BREADTH—</b>	<b>Feet.</b>	<b>Inches.</b>	<b>DEPTH, ACTUAL—</b>	<b>Top of Floors to top of Upper Dk. Beams</b>	<b>Feet.</b>	<b>Inches.</b>	<b>No. of Decks with flat laid</b>	<i>one</i>
<b>per Rule . . .</b>	<i>135</i>		<b>Moulded . . .</b>	<i>23</i>	<i>0</i>	<b>Do. do. do. do.</b>	<b>Second Dk. Beams</b>	<i>8</i>	<i>9</i>	<b>No. of Tiers of Beams</b>	<i>one</i>

Moulded depth, ft.	14	ins.	0	To Bridge Dk.	Round of Upper Dk. Beam, Actual	6	ins.
Moulded depth, ft.	10	ins.	6	To Upper Dk.			

FRAMING.	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 per Rule Or as Approved	Inches per Rule Or as Approved	Inches per Rule Or as Approved
----------	----------------	----------------	----------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

NAME, Angles, or Bars amidships	4	3 1/2	34	4	2 1/2	34			
Peaks	4	2 1/2	34	4	2 1/2	34			

Way of Double Bottoms at Solid Floors									
" at intermdt. Bkts.									

Frames from centre to centre amidships	21			21					
" " " from 1/2 length to Collision bulkhead									
" " " in peaks	21			21					

SED FRAME, Angles	across floors only								
Way of Double Bottoms at Solid Floors									
" at intermdt. Bkts.									

ING, depth of girder									
RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	15	34	15	34					
in way of Engine and Boiler Spaces	38			38					
thickness at the ends of vessel	30			30					
depth at 1/2 the half breadth, as per Rule									
height extended at the Bilges	straight as approved								

ORS in Cell. Double Bottoms									
state if flanged (top & bottom)									
Spacing of Solid floors									

TTRE GIRDER, in Dbl. bottom, dpth. & thcknss.									
" Angles, Top									
" " Bottom									
" " to Floors									
Brackets at intermdt. frmg., wdth & thcknss									

IDE GIRDERS, number on each side & thickness									
" state if flanged (top and bottom)									
" Angles (top and bottom)									
" " to Floors									

MARGIN PLATE, depth (exclusive of flange) and thickness									
" Angle to Outside Plating									
" " Floors									
Brackets at intermdt. frmg., wdth & thcknss									
Height of Outside Brackets above at bilge									

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake									
" in Engine and Boiler space									
" Remainder in Holds									

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	30	4 1/2	3	30			
" In way of Long Bridge									
" Spacing	21			21					

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 1/2	3	30	4 1/2	3	30			
" Spacing	21			21					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, 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	5 1/2	3 1/2	40	5 1/2	3 1/2	40			
" Angles on upper edge									
" Spacing	42			42					

PILLARS.	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 per Rule Or as Approved
----------	----------------	----------------	----------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

PILLARS, In 'tween Deck, size and spacing							
" " Hold	2 1/2	4 1/2					
" " Quarter 'tween Dks.							
" " in Hold							

KEELSONS & STRINGERS.	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 per Rule Or as Approved
-----------------------	----------------	----------------	----------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				32			32
" Rider Plate							
" Flat Plate Keel Angles	3	3	30	3	3	30	
" Horizontal Plates on Floors							
" Angles or Bulb Angles	4 1/2	3 1/2	38	4 1/2	3 1/2	38	

SIDE KEELSONS, Number two							
" Angles or Bulb Angles	5	4	40	5	4	40	
" Plate above floors, for length							
" Intercoastal Plate, for full length				32			32
" Attached to outside Plating with Angle	3	3	30	3	3	30	

BILGE KEELSON, Angles							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							

SIDE STRINGERS, Number one							
" Angle	5	4	40	5	4	40	
" Intercoastal Plate, for full length	8.5		28	8.5		28	
" Attached to outside plating with Angle	3	3	30	3	3	30	

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	54	35	54	35			
" " " " br'dth & thickness (in way of Bridge)	3 x 3	38	3 x 3	38			
" " " Angle (clear of Bridge)							
" " Tie Plate at sides of Hatchways							
" Deck * Steel, for whole lng.			30			30	
" " Thickness (clear of Bridge)							
" " (in way of Bridge)							
Wood Deck. Material & thickness							

Second Deck Stringer Plate, br'dth & thickness	54	35	54	35			
" Angles on ditto, No.	3 x 3	38	3 x 3	38			
" Tie Plates outside Hatchways							
" Deck * Steel, for whole lng.			30			30	
" Wood Deck. Material & thickness							

Third Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck * Material and thickness							

Fourth and Fifth Deck Stringer Plate, breadth & thickness							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck. Material & thickness							

Poop Deck Stringer Plate, breadth & thickness							
" Angle 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 & thickness	38	30	38	30			
" Angle on ditto	3 x 3	30	3 x 3	30			
" Tie Plates	two	33	30	33		30	
" Deck. Material and thickness	Wood	3		3			

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

007981-007987-01181/2







GENERAL REMARKS—(continued).

WEB FRAMES  
WEB-FRAMES, In Fore Body  
No. of Side Stringers  
WEB-FRAMES, In E. & B. Sp  
WEB-FRAMES, In After Bod  
No. of Side Stringers  
Size of Face Angles to V  
RACKET PLATES to Stri  
Web Frames, depth and thic

BULKHEADS. Number.  
Vessel. 34  
Date

T. BULKHEADS 3 3

COLLISION,,  
RTITION,,  
NGITUDINAL,,

the outside Plates doubled  
the Sluice Valves and Wa

STRAKES.

BOARD OF A Strake

Actual thickness in Double Bottom.  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L  
M  
N  
P  
Q  
R  
S  
T  
U  
V  
W

SS OF SH'ESTRKE  
OF LONG BRIDGE  
OF STRAKE BELO  
Flat Plate Ke  
Sheerstrake  
and thickness.  
DES  
BRIDGE SIDES  
TLE SIDES

Deck (B)  
er Plate (S)

Deck (B)  
er Plate (S)

S extend in  
ED FRA

LASTS...

Yards  
Mater

Three

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 44.25 ft., Bridge ☒ ft., Forecastle ☒ 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 should appear in the Register Book) *One deck, Steel*  
Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside *Cement & paint* State if Machinery is fitted aft *Yes* 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 C. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	14.5	24
Double bottom, if under Engines only,			Deep tank, aft,	14.6	14
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
			State whether the above have been tested as required by the Rules. <i>Yes</i>		

\* The wells are not to be included in the lengths of the tanks.  
Order for Special Survey No. 1027,  
Date 9 December 1914  
No. 158 in builder's yard.  
DATES of Surveys held while building  
(1914) Dec 8 (1915) Jan 1 2:30 Feb 19 25 Mar 9 14 25 Apr 7 13 21 May 12 29 June 2  
July 2 12 21 Aug 5 24 26 31 Sep 10 22 Oct 4 21 Nov 2 18 Dec 1 16 21 (1916) Jan  
Feb 4 11 Mar 3 7 9 10 17 18 23 31

Surveyor's Signature *A.E. Farminer*