

1st 2 Dks, R.Q.Dk.,
and Pt. Awng Dk.

IRON OR STEEL STEAMER.

No. 18000
MON. 11 JUN 1906

State if Report is also sent on the Machinery of the Vessel. *None* 50904. 11354

Date of completion of Report *5th June 1906*

Port of Hull.

Date, First Survey *Jan 5th*

Last Survey *May 31st*

1906

Survey held at *Goole*

On the *Steel Screw Steamer "LILIAN."*

ONE ~~DECKED~~ DECKED VESSEL.

Master *J. G. Detchen*

CLASS *8100 A1.*

Year of appointment (1) As master in service of owner of present vessel: 1906 (2) As master of this vessel: 1906

TONNAGE under Tonnage Deck 227.01
Do. of Poop 28.02
Do. of Raised Or Dk. or Break 11.70
Do. of Bridge House 14.15
Do. of Houses on Deck 23.36
Do. of excess of Hatchways 320.24
Do. above Crown of Engine Room 22.97
Gross Tonnage 294.27
Less Crew Space 160.88
Navigation Spaces 9.43
Net Tonnage 126.96

Half Breadth (moulded) 12.00
Depth from upper part of Keel to top of Main Deck Bms. 11.75
Girth of Half Midship Frame (as per Rule) 21.90
1st Number 45.65
Length on deck from after part of stem to fore part of stern post 132.96
2nd Number 6069
Proportions—Breadths to Length 5.54
Depths to Length—Main Deck to top of Keel 11.32

Built at *Goole*
When built 1906 Launched 11th April
By whom built *Goole Shipbuilding & Repairing Co. Ltd*
Owners *Westcombe Shipping Co. Ltd*
Managers
Residence *London*
Port belonging to *Newcastle.*

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

LENGTH on Deck as per Rule 132 Feet. 11 1/2 Inches. BREADTH—Moulded 24 Feet. 0 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 10 Feet. 5 1/2 Inches. No. of Decks with Flat laid One No. of Tiers of Beams One
Dimensions of Ship per Register, Length, 134-0 breadth, 24-0 depth, 10-27 Moulded Depth, 11 ft. 3 ins. Round of Beam, Actual 6 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
RAME, Angles, <i>2 E or L Bars</i> , for 1/2 length amidships		5	3	9	5	3	9
Do. for 1/2 at each end (<i>In peaks 7/20</i>)		5	3	8	5	3	8
Do. in way of Double Bottoms at Solid Floors.							
Spacing of Frames from centre to centre		21			21		
EVERSED FRAME, Angles		2 1/2	2 1/2	5	2 1/2	2 1/2	5
DEEP FRAMING, depth of girder		5			5		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		15 1/2		7	15 1/2		7
in way of Engines and Boilers		E 3/8	B 8		7 1/8		8
thickness at the ends of vessel		6			6		
depth at 1/2 the half breadth, as per Rule		<i>Straight across plan.</i>					
height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms							
state if flanged (top & bottom)							
Spacing							
CENTRE GIRDER, in Double Bottom, depth and thickness							
Angles, Top							
Bottom							
SIDE GIRDERS, number on each side & thickness							
state if flanged (top & bottom)							
Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness							
Angles to Outside Plating							
Floors							
Height of Floors at the Bilges							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
thickness in Engine and Boiler space							
Remainder in Holds							
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		4	2 1/2	6	4	2 1/2	6
Angles on Upper Edge							
Spacing		21			21		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Spacing							
BEAMS, Hold, Plate or Tee Bulb							
Angles on Upper Edge							
Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Spacing							
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb							
Angles on Upper Edge							
Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		5	3	7	5	3	7
Angles on Upper Edge							
Spacing		42			42		
PILLARS, In 'tween Decks, Size and Spacing							
Hold		2 1/2	<i>as arranged</i>				
Quarter, 'tween Dks.							
in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
Brdth. & Thickness							
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 Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

FORGINGS AND CASTINGS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
KEEL, Bar or Side Plates depth and thickness		<i>Flat plate Keel.</i>					
STEM, moulding and thickness		7 x 1 1/2			7 x 1 1/2		
STERN-POST for Rudder do. do.		6 1/2 x 3			6 1/2 x 3		
for Propeller							
MAIN PIECE of Rudder, diameter at head		4			4		
do. at heel		3 1/2 x 2 1/2			2 3/4 x 2 1/4		
RUDDER, how constructed <i>Forged iron frame, plated.</i>							
Can the Rudder be unshipped afloat?		<i>Yes</i>					
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		20 1/2		7	20 1/2		7
Rider Plate							
Bulb Plate to Intercoastal Keelson							
Horizontal Plates on Floors (<i>Two</i>)		10 1/2		7	10 1/2		7
Angles (<i>Bottom 3 x 3 x 1/2</i>)		4	3	6	4	3	6
SIDE KEELSON, Angles		3	3	6	3	3	6
Bulb or Plate above floors for <i>1/2 L and forward</i>							
Intercoastal Plate for <i>1/2 L and forward</i>				5			5
Attached to outside plating with Angle		3	3	6	3	3	6
BILGE KEELSON, Angles		5	4	9	5	4	9
Bulb Plate above floors for <i>1/2</i> lng.		6		6	6		6
Intercoastal Plate for <i>1/2</i> lng.							
Attached to outside plating with Angle							
BILGE STRINGER Angles <i>In way of Main Deck</i>		5	4	8	5	4	8
Bulb Plate for <i>1/2</i> lng.							
Intercoastal Plate for <i>1/2</i> lng.							
Attached to outside plating with Angle							
SIDE STRINGER Angles <i>In way of R.Q.D.</i>		5	4	8	5	4	8
Bulb or Intercoastal Plate for <i>R.Q.D.</i> lng.		8		7	8		7
Attached to outside plating with Angle		3	3	6	3	3	6
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		45		8	45		8
Angle on ditto		3 x 3		6	3 x 3		6
Tie Plates, outside Hatchways							
Diagonal Tie Plates on Bms. No. of Pairs							
Main DK* <i>Iron or Steel for bulk</i> lng.		8 1/2		6	8 1/2		6
R. Q. Dk* <i>Iron or Steel for full</i> lng.		8 1/2		5	8 1/2		5
Wood Deck, Material & thickness							
Lower Deck Stringer Plate, breadth and thickness							
Angles on ditto, No.							
Tie Plates, outside Hatchways							
Deck* Material and thickness							
Hold Stringer Plate							
Angles on ditto, No.							
Poop Deck Stringer Plate, breadth & thickness							
Angle on ditto							
Tie Plates							
Deck, Material and thickness							
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness							
Angle on ditto							
Tie Plates							
Deck, Material and thickness							
Forecastle Deck Stringer Plate, brdth & thcknss				5			5
Angle on ditto		3 x 3		6	3 x 3		6
Tie Plates <i>Deck plates over</i>				5			5
Deck, Material and thickness <i>P.P. Pine</i>		2 1/2			2 1/2		

BULKHEADS.		Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
		In Vessel.	Per Rule.	Size. Spacing. Inches.	Size. Spacing. Inches.		
W.T. BULKHEADS		3	3	5	3 x 3 x 1/2	48	S Dr.
PARTITION						30	
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length *Diamond plate fitted*
Are the Sluice Valves and Watertight Doors in efficient working order? *None*

[illegible]

(M) 3-11-05. 11-05. 24-11-05. 23-1-06. (E) 27-2-06.

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* 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 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. 23, par 24)? *Yes* State results of tests *satisfactory.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *Satisfactory.*

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

This vessel has been built in accordance with the approved plans. The Secretariat letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report; - Plans of Midship Section, Profile and Deck, Pumping Arrangements. Rudder, and Report on Ships Fittings

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. or Break 44.25 ft., Bridge Dk. ✓ ft., F^rcastle 19.75 ft.
(in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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*) 1 Dk. 4.

Official No. 122842 ; Signal Letters ✓ . State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Portland Cement and Paint 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.	Water Capacity.	Where fitted.		*Length.	Water Capacity.
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft,	✓			Fore peak tank,			28
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			✓	(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. 1544 Survey's building 1906 - Jan 5, 9, 12, 16, 26, 30 Feb 1, 5, 12, 19, 24, 27 Mar 5, 8, 12, 19, 22, 28, 30 Apr 2, 5, 9, 11, 18
Apr 21, 23, 25, 27, 30 May 2, 4, 16, 21, 23, 24, 31

Date 8/11/05
No. 85 in builder's yard. DATES of
field while
in use
Total No. of Visits 36

The amount of Entry Fee£ 2 : - - Fees applied for, 9/6/1906
Special.....£ 14 : 17 - Received by me, 15/6/06
Travelling Expenses, if any £ 1 : 17 -
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed ☒ 100 A1.
With, or without Freeboard, as condition of Class Without

Certificate to be sent to Hull
Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute _____ TUES. JUN 12 1906
Character assigned _____ 100-81 (SLL)

Lloyd's atcp + inc 5.06 *J.P.*

Enclosure

The Secret

Lloyd's Register
Foundations

Original of 1846.
1846.