

for 2 Dks., R. O. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 18488

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

Date of completion of Report *8th Nov. 1906*

Date, First Survey *May 24th*

Port of Hull

Last Survey *Nov. 5th*

Received at London Office

FRI. 9 NOV 1906

1906

Survey held at Hull

On the Steam Sander "SPIDER."

"SPIDER."

Date, First Survey

May 24th

Rig Ketch.

TONNAGE under Tonnage Deck... 238.87

Do. of Poop 14.56

Do. of Raised Gr. } Dk. or Break... 5.91

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room... 11.33

Gross Tonnage 240.67

Less Crew Space 23.79

Less above Crown of Engine Room... 11.33

TONNAGE FOR FEES... 235.55

Less Engine Room 141.79

Less Navigation Spaces 8.98

Less above Crown of Engine Room... 11.33

Register Tonnage 96.11

as cut on Beam...

ONE OR TWO DECKED VESSEL.

CLASS 100A1 Steam Sander.

Half Breadth (moulded) 11.04

Depth from upper part of Keel to top of Main Deck Bms. 13.33

Girth of Half Midship Frame (as per Rule) 20.16

1st Number 44.53

Length on deck from after part of stem to fore part of stern post 130.46

2nd Number 58.09

Proportions—Breadths to Length 5.9

Depths to Length—Main Deck to top of Keel 9.7

Destined Voyage Fishing

Master ✓

Year of appointment

Built at Hull

When built 1906

Launched 20th October.

By whom built Earle's Shipbuilding & Engineering Co., Ltd.

Owners The British Steam Sailing Co., Ltd.

Managers

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

Residence

Hull

Port belonging to

Hull

and in Dry Dock

LENGTH on Deck as per Rule... 130 Feet. 5 1/2 Inches. BREADTH—Moulded... 22 Feet. 1 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 12 Feet. 0 Inches. No. of Decks with Flat laid On No. of Tiers of Beams On

Dimensions of Ship per Register, Length, 131.8 breadth, 22.1 depth, 11.87 Moulded Depth, 12 ft. 10 ins. Round of Beam, Actual 6 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, 7, 4 or 6 Bars, for 1/2 length amidships				KEEL, Bar or Side Plates depth and thickness			
4 1/2	3	20	4 1/2	8 x 2	8 x 2	8 x 2	8 x 2
Do. for 1/2 at each end				STEM, moulding and thickness			
4 1/2	3	20	4 1/2	8 x 2	8 x 2	8 x 2	8 x 2
Do. in way of Double Bottoms at Solid Floors.				STERN-POST for Rudder do. do.			
4 1/2	3	20	4 1/2	6 x 3	6 x 3	6 x 3	6 x 3
Spacing of Frames from centre to centre				" for Propeller			
20	20	20	20	4 1/2	4 1/2	4 1/2	4 1/2
REVERSED FRAME, Angles				MAIN PIECE of Rudder, diameter at head			
8	8	8	8	3 1/2 x 3 1/4	3 x 2 3/4	3 x 2 3/4	3 x 2 3/4
DEEP FRAMING, depth of girder				RUDDER, how constructed Forged iron frame, plated.			
4 1/2	4 1/2	4 1/2	4 1/2	Can the Rudder be unshipped afloat? Yes.			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				KEELSONS AND STRINGERS.			
16	6	16	6	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
8	8	8	8	" Rider Plate			
6	6	6	6	" Bulb Plate to Intercoastal Keelson			
" thickness at the ends of vessel				" Horizontal Plates on Floors			
4 1/2	4 1/2	4 1/2	4 1/2	" Angles			
" height extended at the Bilges				SIDE KEELSON, Angles			
4 1/2	4 1/2	4 1/2	4 1/2	" Bulb or Plate above floors for lng.			
FLOORS & BRACKETS, in Cell Dble Bottoms				" Intercoastal Plate for length			
5	3	8	5	" Attached to outside plating with Angle			
" state if flanged (top & bottom)				BILGE KEELSON, Angles (On)			
40	40	40	40	" Bulb or Plate above floors for lng.			
CENTRE GIRDER, in Double Bottom, depth and thickness				" Intercoastal Plate for length			
4 1/2	4 1/2	4 1/2	4 1/2	" Attached to outside plating with Angle			
" Angles, Top				BILGE STRINGER Angles (Two Angles)			
" Bottom				" Bulb Plate for length			
SIDE GIRDERS, number on each side & thickness				" Intercoastal Plate for length			
5	3	8	5	" Attached to outside plating with Angle			
" state if flanged (top & bottom)				SIDE STRINGER Angles (On)			
40	40	40	40	" Bulb or Intercoastal Plate for lng.			
MARGIN PLATE, depth (exclusive of flange) and thickness				" Attached to outside plating with Angle			
4 1/2	4 1/2	4 1/2	4 1/2	Main and Raised Quarter Deck Stringer			
" Angles to Outside Plating				Plate, breadth and thickness			
40	40	40	40	" Angle on ditto			
" Floors				" Tie Plates, outside Hatchways			
40	40	40	40	" Diagonal Tie Plates on Bms. No. of Pairs			
" Height of Floors at the Bilges				" Main Dk* Iron or Steel for lng.			
40	40	40	40	" R. Q. Dk* Iron or Steel for lng.			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Wood Deck, Material & thickness P.P. Dim			
4 1/2	4 1/2	4 1/2	4 1/2	Lower Deck Stringer Plate, breadth and thickness			
" thickness in Engine and Boiler space				" Angles on ditto, No.			
4 1/2	4 1/2	4 1/2	4 1/2	" Tie Plates, outside Hatchways			
" Remainder in Holds				" Deck* Material and thickness			
40	40	40	40	Hold Stringer Plate			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Angles on ditto, No.			
5	3	8	5	Poop Deck Stringer Plate, breadth & thickness			
" Angles on Upper Edge				" Angle on ditto			
40	40	40	40	" Tie Plates			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Deck, Material and thickness			
5	3	8	5	Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge				" Angle on ditto			
40	40	40	40	" Tie Plates			
" Spacing				" Deck, Material and thickness			
40	40	40	40	Forecastle Deck Stringer Plate, brdth & thcknss			
BEAMS, Hold, Plate or Tee Bulb				" Angle on ditto			
5	3	8	5	" Tie Plates			
" Angles on Upper Edge				" Deck, Material and thickness			
40	40	40	40	" If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" Spacing				BULKHEADS.			
40	40	40	40	Number, In Vessel, Per Rule, Thickness, Horizontal, Vertical, Single or Double Frames, Height up.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				W.T. BULKHEADS 4 4 4 3 x 2 1/2 x 5 1/16 48 30 Dble Bk			
5	3	8	5	PARTITION "			
" Angles on Upper Edge				LONGITUDINAL "			
40	40	40	40	Are the outside Plates doubled two spaces of Frames in length? Yes.			
" Spacing				Are the Snice Valves and Watertight Doors in efficient working order? Yes.			
40	40	40	40				
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb							
5	3	8	5				
" Angles on Upper Edge							
40	40	40	40				
" Spacing							
40	40	40	40				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
5	3	8	5				
" Angles on Upper Edge							
40	40	40	40				
" Spacing							
40	40	40	40				
CLARS, In 'tween Decks, Size and Spacing							
2 1/2	2 1/2	2 1/2	2 1/2				
" Hold							
" Quarter, 'tween Dks., "							
" in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
4	4	4	4				
" No. of Side Stringers							
4	4	4	4				
WEB FRAMES, In E. & B. Space, No. & Spacing							
4	4	4	4				
" Brdth. & Thickness							
4	4	4	4				
WEB FRAMES, In After Body, No. and Spacing							
4	4	4	4				
" Brdth. & Thickness							
4	4	4	4				
" No. of Side Stringers							
4	4	4	4				
" Size of Angles or Tee Bars to Web Frames							
4	4	4	4				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							
4	4	4	4				

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					SOUND EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth. Thickness. Thickness. Thickness.					Breadth. Thickness. Thickness. Thickness.					Single or Double. Breadth of Lap. Diam. Spacing or to cr. Length.					Double or Treble and for what Length. Diam. Spacing or to cr. Length. Breadth. Thickness. Breadth. For what Length.				
FLAT PLATE KEEL (If Bar Keel, state Riveting)										Double 2 1/2 9 9 5									
GARBOARD OR A STRAKE										Double 2 1/2 9 9 5									
B " "										Double 2 1/2 9 9 5									
C " "										Double 2 1/2 9 9 5									
D " "										Double 2 1/2 9 9 5									
E " "										Double 2 1/2 9 9 5									
F " "										Double 2 1/2 9 9 5									
G " "										Double 2 1/2 9 9 5									
H " "										Double 2 1/2 9 9 5									
I " "										Double 2 1/2 9 9 5									
J " "										Double 2 1/2 9 9 5									
K " "										Double 2 1/2 9 9 5									
L " "										Double 2 1/2 9 9 5									
M " "										Double 2 1/2 9 9 5									
N " "										Double 2 1/2 9 9 5									
O " "										Double 2 1/2 9 9 5									
P " "										Double 2 1/2 9 9 5									
DOUBLING OF Flat Plate Keel										Double 2 1/2 9 9 5									
Length of Bilges										Double 2 1/2 9 9 5									
Length of Sheerstrakes										Double 2 1/2 9 9 5									
Length of Strake below										Double 2 1/2 9 9 5									
POOP SIDES										Double 2 1/2 9 9 5									
RAISED QUARTER DECK SIDES										Double 2 1/2 9 9 5									
BRIDGE SIDES										Double 2 1/2 9 9 5									
FORECASTLE SIDES										Double 2 1/2 9 9 5									
LENGTHS OF PLATING										Double 2 1/2 9 9 5									
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, outside Plating, &c.?										Mild Steel.									
South Durham S. & R. Co. Limited, Jarrow-on-Tyne.										Mild Steel.									
Has the Steel been tested as required by the Rules?										Yes									

FRAMES extend in one length from Keel to gunwale state if ordinary or joggled. Ordinary
 REVERSED FRAMES on floors and frames extend from 3/8" flanged (single angle frame) state if ordinary or joggled. Ordinary

MASTS, SPARS, &c.									
DIAMETER AND THICKNESS.									
No. of Plates in round.									
ANGLES.									
RIVETING.									
LOWER MASTS...									
Fore P. Pin 59-0									
Main Mizen 35-3									
Bowsprit									
Topmasts, Yards and Remainder of Spars Pitch Pine									
Rigging, Material and Size, Shrouds 3/4" wire, 3/4", 2"									
Sails, One Suit of Sails and the following spare sails									

ANCHORS.									
Tonnage UDK or Plating No. for Trawlers 5509.									
Equipment No. Letter									
Number of Certificate									
Anchors									
Weight, Ex. Stock									
Weight of Stock									
Test, per Certificate									
Weight Required by Table 22									
Description of Anchor									
Makers									
Where and when tested and Superintendent									

CHAIN CABLES.									
HAWERS AND WARPS.									
Number of Certificate									
Length and size supplied									
Test per Certificate									
Weight of Chain Cable									
Length & Size per Table 22									
Description									
Makers of Cables									
Where and when tested and Superintendent									
Material									
Length and size supplied									
Breaking Test of Steel Wire									
Length and Size per Table 22									

Boats On									
Pumps, Number Air									
Windlass is by Semmell & Brown									
Engine Room Skylights—How constructed? Plate and angles.									
What arrangements for deadlights in bad weather? Steel shutters and bullseyes.									
Coal Bunker Openings—How constructed? Cast iron rings How are lids secured? Secured Height above deck? 3 ft.									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, 4 Scuppers, 3 Ports 15" x 9" and 1 Port 24" x 12"									
Ceiling in Holds, thickness and material 2" and 1 1/2" Iron Cargo Batten, thickness and material									
Cargo Hatchways—How formed? Plate and angles. Hatches—If strong and efficient? Yes									
State size No. 1 Hatch (Forward) 3-4 x 3-4 No. 2 Hatch 3-4 x 3-4 No. 3 Hatch 3-4 x 3-4 No. 4 Hatch 3-4 x 3-4									
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch									
No. of Breasthooks Four No. of Crutches Five									
Bulwarks, height above deck and description 2-6 x 5-6 Main Rail and Stays, material and size 1/2" x 3/4" Steel B.A.									
The above is a correct description.									
Builder's Signature (here only) SHIPBUILDING & ENGINEERING CO. LIMITED									
Surveyor's Signature Allison B. Wilson									
Surveyor to Lloyd's Register of British and Foreign Shipping.									

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

19-10-05 27-4-06 24-5-06

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 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? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? Trawler State results of tests

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

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

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above date, and in general conformity to the Rules for the class contemplated.

Accompanying this Report:—Plans of Midship Section, Profile and deck, Pumping Arrangements, and Report on Ships Lifting.

This is a sister vessel to the "North King", Hull Report No. 17965.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 1-6 ft., R.Q.D. or Break 1-6 ft., Bridge Dk. 20-0 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.

Official No. 123290; 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. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. 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,		

* 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. 1609

Date 16/5/06

No. 524 in builder's yard

1906: May 24, 29, 30, Jun 7, 12, 18, 25, 29, 30, July 3, 9, 18, 25, Aug 2, 8, 11, 15, 17, Aug 18, 25, 28, Sep 1, 6, 12, 18, 20, 24, 27, 29, Oct 1, 3, 6, 10, 12, 17, 22, 24, 26, 29, Nov 5.

Total No. of Visits 40

The amount of Entry Fee £ 2 : : : Fees applied for, 8/11 1906

Special £ 11 : 16 : - Received by me, 30/11/1907

Travelling Expenses, if any £ - : - : -

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed 100 A1 "Steam Scauer".

With, or without Freeboard, as condition of Class Without

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

TUES. NOV 13 1906

100A1

SPM Trawler

Lloyds 1260

11.06