

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

# IRON OR STEEL STEAMER.

No. 16646

MUN. 10 APR 1905

State if Report is also sent on the Machinery of the Vessel. *Ans. Rpt.*  
Date of completion of Report 10.3.05

Received at London Office,

Port of Hull  
Date, First Survey Sep. 30/04  
Last Survey March 27<sup>th</sup> 1905.  
Rig Ketch.

Survey held at *Boole*  
On the *Steel Steam Trawler "ZINNIA"*  
TONNAGE under 202.46  
Tonnage Deck...  
Do. of Poop  
Do. of Raised Qr. 13.61  
Do. of Break...  
Do. of Bridge House  
Do. of Forecastle Deck 1.45  
Do. of Houses on Deck 3.07  
Do. of excess of Hatchways  
Do. above Crown of Engine Room...  
Gross Tonnage 220.59  
Less Crew Space 27.02  
Less above Crown of Engine Room...  
TONNAGE FOR FEES 193.84  
Less Engine Room 102.71  
Less Navigation Spaces 1.81  
Boatman Allow 3.50  
Register Tonnage 85.85  
as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100 A1 "Steam Trawler".

Master *J. Mudd.*

Year of appointment 1895  
(1) As master in service of owner of present vessel: 1895  
(2) As master of this vessel: 1905

Built at *Boole*

When built 1905 Launched 25<sup>th</sup> January

By whom built *Boole Shipbuilding & Repairing Co. Ltd.*

Owners *North Eastern Steam Fishing Co. Ltd.*

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

Residence *Grimsby.*

Port belonging to *Grimsby.*

Port belonging to *Grimsby.*

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

LENGTH on Deck as per Rule 120 Feet. 4 Inches. BREADTH—Moulded 21 Feet. 9 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 11 Feet. 3 Inches. No. of Decks with Flat laid One No. of Tiers of Beams One  
Dimensions of Ship per Register, Length, 121.6 breadth, 21.9 depth, 11.17 Moulded Depth, 12 ft. 1 ins. Round of Beam, Actual 6 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as	Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as
FRAME, Angles, <i>7</i> <del>E or L</del> Bars, for $\frac{1}{2}$ length amidships				KEEL, Bar or Side Plates depth and thickness			
3	2 1/2	6	3	2 1/2	6	3	2 1/2
Do. for $\frac{1}{2}$ at each end				STEM, moulding and thickness			
3	2 1/2	6	3	2 1/2	6	3	2 1/2
Do. in way of Double Bottoms at Solid Floors.				STERN-POST for Rudder do. do.			
				6	2 1/2	6	2 1/2
Spacing of Frames from centre to centre				MAIN PIECE of Rudder, diameter at head			
20			20	4 1/2			4 1/2
REVERSED FRAME, Angles				do. at heel			
2 1/2	2 1/2	5	2 1/2	3 1/2	2 3/4	3	2 3/4
DEEP FRAMING, depth of girder				RUDDER, how constructed <i>Forged iron frame, plated</i>			
16			7	Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships				KEELSONS AND STRINGERS.			
			8	CENTRE LINE KEELSON, Vertical Plate above floors, <i>Through Plate or Intercoastal Plate</i>			
in way of Engines and Boilers				7 1/2		7 1/2	7
thickness at the ends of vessel				Rider Plate			
depth at $\frac{1}{2}$ the half breadth, as per Rule							
height extended at the Bilges				Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS, in Cell Dble Bottoms							
state if flanged (top & bottom)				Horizontal Plates on Floors			
Spacing				4	3	3 20	4
CENTRE GIRDER, in Double Bottom, depth and thickness				Angles			
Angles, Top							
Bottom				SIDE KEELSON, Angles			
SIDE GIRDERS, number on each side & thickness							
state if flanged (top & bottom)				Bulb or Plate above floors for lng.			
Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness				Intercoastal Plate for length			
Angles to Outside Plating							
Floors				Attached to outside plating with Angle			
Height of Floors at the Bilges							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				BILGE KEELSON, Angles <i>(Dom)</i>			
thickness in Engine and Boiler space				6	4	7	6
Remainder in Holds				Bulb or Plate above floors for lng.			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
5	3	8	5	Intercoastal Plate for length			
Angles on Upper Edge							
Spacing							
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Attached to outside plating with Angle			
Angles on Upper Edge							
Spacing				BILGE STRINGER Angles			
BEAMS, Hold, Plate or Tee Bulb				6	4	7	6
Angles on Upper Edge				Bulb Plate for length			
Spacing							
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb				Intercoastal Plate for length			
Angles on Upper Edge							
Spacing				Attached to outside plating with Angle			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
5	3	8	5	Main and Raised Quarter Deck Stringer Plate, breadth and thickness			
Angles on Upper Edge				50	6	50	6
Spacing				Angle on ditto			
PILLARS, In 'tween Decks, Size and Spacing				3 x 3	6	3 x 3	6
Hold				Tie Plates fore & aft, outside Hatchways			
Quarter, 'tween Dks.,				8	7	8	7
in Hold				Diagonal Tie Plates on Bms., No. of Pairs			
WEB FRAMES, In Fore Body, No. and Spacing							
Brth. & Thickness				Main Dk* Iron or Steel for lng.			
No. of Side Stringers							
WEB FRAMES, In E. & B. Space, No. & Spacing				R. Q. Dk* Iron or Steel for lng.			
Brth. & Thickness							
No. of Side Stringers				Wood Deck, Material & thickness <i>P. Pine</i>			
WEB FRAMES, In After Body, No. and Spacing				3		3	5
Brth. & Thickness				Lower Deck Stringer Plate, breadth and thickness			
Size of Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth 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			
				25	6	25	6
				Angle on ditto			
				3 x 3	6	3 x 3	6
				Tie Plates <i>Deck, plated on</i>			
				Deck, Material and thickness <i>P. Pine</i>			
				3		3	5

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Horizontal.	Vertical.		
W.T. BULKHEADS	4	4	5/16	3 x 2 1/2 x 6/16	5/8	5/8	5/8	5/8	5/8
PARTITION									
LONGITUDINAL									

Are the outside Plates doubled two spaces of Frames in length? *Diamond Pests fitted.*  
Are the *Shut Valves* and Watertight Doors in efficient working order? *Yes.*



PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. STRAPS. IF LAPPED.

FLAT PLATE KEEL (If Bar Keel, state Riveting) GARBOARD OR A STRAKE... 37 9 7 7 37 8

State actual thickness in way of Double Bottom.

Shur G 31 9 7 7 31 8

DOUBLING of Flat Plate Keel of Bilges of Sheerstrakes of Strake below POOP SIDES RAISED QUARTER DECK SIDES BRIDGE SIDES FORECASTLE SIDES LENGTHS OF PLATING 48 ft. 7 ft.

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 Consult.

Has the Steel been tested as required by the Rules Yes

FRAMES extend in one length from keel to gunwale to gunwale state if ordinary or joggled Ordinary REVERSED FRAMES on floors and frames extend from centre to keel stringer and deck alternately state if ordinary or joggled Ordinary

MASTS, SPARS, &c. Material. Total length. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Riveting. Number. Size. Seams. Butts.

LOWER MASTS Fore P.Pine 41.0 13 Main Steel 31.0 12 Mizzen Steel 31.0 12

Bowsprit Topmasts, Vangs and Remainder of Spars Pitch pine Rigging, Material and Size, Shrouds Galvanized wire, 3/4, 2/2 Stays 3/2, 2/4 Sails, On Suit of Sails and the following spare sails

EQUIPMENT No. 5078 LETTER TONNAGE FOR TRAWLERS U.D.K.

ANCHORS. 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.

27255 1st Bower 5 1 6 1 1 8 7 11 3 14 5 1 0 Rodgers W. Sniffin L.P.H. 16.12.04

27254 2nd 4 3 11 1 1 5 7 2 2 0 4 3 0

27256 3rd 4 3 6 1 0 22 7 2 2 0 2 2 0

Stream Kedge

CHAIN CABLES. Number of Certificate. Fathoms. Size. Test per Certificate. Tons. WEIGHT OF CHAIN CABLE. Fathoms and Size Per Table 22. Description. Makers of Cables. When and where tested and Superintendent.

28165 90 1 27 46.12 45.3.17 90x1 1/2" Steel W. Sniffin L.P.H. 17.12.04

Iron Chain or Steel Wire

HAWSERS AND WARPS. Material. Fathoms. Size. Breaking Test of Steel Wire Table 22. Fathoms and Size Per Table 22.

TOWLINE Manila 60 6 60x6

HAWSER 60 4 60x4 1/2

WARP

Boats One Pumps, Number Four Diameter of Barrel 5 State whether they are in efficient working order Yes Windlass is Jam Capstan Engine Room Skylights. How constructed? 2 of Seal What arrangements for deadlights in bad weather? Teak flaps 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. Ceiling in Holds, thickness and material 2" pine Ceiling 'tween Decks, thickness and material Hatches. If strong and efficient? Yes State size No. 1 Hatch (Forward) 2.10 x 2.10 No. 2 Hatch 2.10 x 2.10 No. 3 Hatch 2.10 x 2.10 No. 4 Hatch 2.10 x 2.10 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. of Breasthooks Jam No. of Crutches 12 Dup floor. Bulwarks, height above deck and description 2.3 x 9 ft. 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) Richard F. Lough 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) 23-9-04. 23-12-04.

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)? Traversed State results of tests ✓ Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Traversed 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, Pumping Arrangements, and Report on Ship's Fittings.

Ex. Essing completed at Grimsby Skitchie

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 15.0 ft., Bridge Dk. ft., F'castle 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) 10k Official No. ; Signal Letters How are the surfaces preserved from oxidation? Inside Paint and Portland 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. Water Capacity. Where fitted. Length. Water Capacity.

Double bottom, aft, ✓ Feet. Tons. Fore peak tank, ✓ Feet. Tons. Double bottom, under Engines and Boilers, ✓ After peak tank, ✓ Double bottom, if under Engines only, ✓ Midship deep tank, ✓ Double bottom, if under Boilers only, ✓ Other tanks, if fitted, ✓ Double bottom, forward, ✓ (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. 1434 1904: Sep. 30. Oct. 7. 10. 13. 17. 27. 31. Nov. 4. 7. 8. 10. 28 Dec. 7. 15. 19. 22. = 1905

Date 26/9/04 at Grimsby 14. 20. 27.

No. 44 in builder's yard. Dates of Surveys held while building

Total No. of Visits 34.

The amount of Entry Fee £ 1 - - - Fees applied for, 10/3/1905 Special £ 9.14 - Received by me, 14/3/1905

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100 A1, "Steam Trawler". Allison B. Wilson. Surveyor to Lloyd's Register of British and Foreign Shipping.

With, or without Freeboard, as condition of Class Without

Committee's Minute TUES. 11 APR 1905. Character assigned 100 A1 (Steel) Steam Trawler

Lloyd's 1460 + L.M.B. 303

13/6/05

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