

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

IRON OR STEEL STEAMER.

No. 22659
MUN. 27 JUL 1910

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

Received at London Office,

Date of completion of Report 22nd June 1910

Port of Hull

Date, First Survey Sep. 25th 1909

Last Survey June 18th 1910

Survey held at Hull

On the *Iron Steamer* "DEWSBURY."

ONE OR TWO DECKED VESSEL.

Master *C. Pettersen.*

CLASS *100 A1.*

Year of appointment

(1) As master in service of
owner of present vessel:—19
(2) As master of this
vessel:—1910

TONNAGE under
Tonnage Deck... 1101.76

Do. of Poop 66.58

Do. of Raised Qr. *✓*

Do. of Break... *✓*

Ridge House 194.20

Forecastle 22.77

Cousses on Deck 163.87

Access of Hatchways 6.67

Re Crown of *✓*

Room... 74.79

Tonnage 1630.64

Low Space 67.67

Re Crown of *✓*

Room... 74.79

For FEES... 1488.18

Engine Room 648.45

Navigation Spaces 36.37

Crown of Engine Room 74.79

For Tonnage 877.75

On Beam... *✓*

Half Breadth (moulded) 17.91

Depth from upper part of Keel to top of Main Deck Bms. 19.25

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 33.75

1st Number 70.91

Length on deck from after part of stem to fore part of stern post 263.59

2nd Number 186.91

Proportions—Breadths to Length 7.30

Depths to Length—Main Deck to top of Keel 13.70

Destined Voyage

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

TH on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
Rule...	263	7	Moulded...	35	10	Top of Floors to top of Main Deck Beams	17	5 1/2	Two

Dimensions of Ship per Register, Length 365.0 breadth, 36.0 depth, 17.45. Moulded Depth, 18 ft. 6 ins. Round of Beam, Actual 9 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
1. Angle, <i>7</i> , <i>E</i> , <i>L</i> Bars, for 1/2 length amidships	5 1/2	3	21	5 1/2	3	18	11 9 x 1 1/2
for 1/2 at each end	5 1/2	3	18	5 1/2	3	16	12 x 1
in way of Double Bottoms at Solid Floors	4 1/2	3	16	4 1/2	3	14	9 x 2 3/8
Boiler space <i>at intervals</i>	7	3	21	7	3	18	9 x 5 1/2
ing of Frames from centre to centre <i>at intervals</i>	23	20	18	23	20	18	8 5/8
ERSED FRAME, Angles	3	3	16	3	3	14	6 5/8
P FRAMING, depth of girder	2 1/2	21	2 1/2	18			
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	2 1/2	21	2 1/2	18			
in way of Engines and Boilers	2 1/2	21	2 1/2	18			
thickness at the ends of vessel	2 1/2	21	2 1/2	18			
depth at 1/2 the half breadth, as per Rule	2 1/2	21	2 1/2	18			
height extended at the Bilges	2 1/2	21	2 1/2	18			
ORS & BRACKETS, in Cell Dble Bottoms	2 1/2	21	2 1/2	18			
state if flanged (top & bottom)	2 1/2	21	2 1/2	18			
Spacing <i>as per plan</i>	23	20	18	23	20	18	
TRE GIRDER, in Double Bottom, depth and thickness	4 1/2	4 1/2	23	4 1/2	4 1/2	20	
Angles, Top	4 1/2	4 1/2	23	4 1/2	4 1/2	20	
Bottom	4 1/2	4 1/2	23	4 1/2	4 1/2	20	
E GIRDERS, number on each side & thickness	3	14	3	12			
state if flanged (top & bottom)	3	14	3	12			
Angles <i>(top & bottom)</i>	5	3	16	5	3	14	
GIN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	16	3 1/2	3 1/2	14	
Angles to Outside Plating	3 1/2	3 1/2	16	3 1/2	3 1/2	14	
Floors	3	3	16	3	3	14	
Height of Floors at the Bilges	3	3	16	3	3	14	
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35	18	35	16			
thickness in Engine and Boiler space	35	18	35	16			
Remainder in Holds	35	18	35	16			
MS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	23	8	5	20	
Angles on Upper Edge	8	5	23	8	5	20	
Spacing	8	5	23	8	5	20	
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	23	8	5	20	
Angles on Upper Edge	8	5	23	8	5	20	
Spacing	8	5	23	8	5	20	
MS, Hold, Plate or Tee Bulb	8	5	23	8	5	20	
Angles on Upper Edge	8	5	23	8	5	20	
Spacing	8	5	23	8	5	20	
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	21	7	3	18	
Angles on Upper Edge	7	3	21	7	3	18	
Spacing	7	3	21	7	3	18	
MS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	21	7	3	18	
Angles on Upper Edge	7	3	21	7	3	18	
Spacing	7	3	21	7	3	18	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	21	7	3	18	
Angles on Upper Edge	7	3	21	7	3	18	
Spacing	7	3	21	7	3	18	
PILLARS, In 'tween Decks, Size and Spacing	2 1/2	46	2 1/2	46			
Hold	2 1/2	46	2 1/2	46			
Quarter, 'tween Dks.	2 1/2	46	2 1/2	46			
in Hold	2 1/2	46	2 1/2	46			
under Deck House	2 1/2	46	2 1/2	46			
WEB FRAMES, In Fore Body, No. and Spacing	4						
Brdth. & Thickness	4						
No. of Side Stringers	4						
WEB FRAMES, In E. & B. Space, No. & Spacing	4						
Brdth. & Thickness	4						
WEB FRAMES, In After Body, No. and Spacing	4						
Brdth. & Thickness	4						
No. of Side Stringers	4						
Size of Angles or Tee Bars to Web Frames	4						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	4						

PLATING.

STRAKES.	AS IN SHIP.			PER RULE OR AS APPROVED.	EDGES.			BUTTS.		
	AMIDSHIP.	FORWARD.	AFT.		Ordinary or Joggled?	Single or Double.	Rivets.	Double or Triple and for what Length.	Rivets.	IF LAPED.
FLAT PLATE KEEL.....	40 1/2	40 1/2	40 1/2	40 1/2						
GARBOARD OR A STRAKE...	36	25	25	36	24	1 1/2	5 1/2	1 1/2	5 1/2	
B "	23	19	19	20	Double	5 1/2	2 1/2	3 1/2	9	
C "	23	19	19	20						
D "	25	19	19	22						
E "	25	21	21	22						
F "	25	21	21	22						
G "	23	19	19	20						
H "	23	19	19	20						
I "	46	30	23	46	26					
J "	23	25	25	20	3 1/2					
K "	25	25	25	22	3					
L "										
M "										
N "										
O "										
P "										

State actual thickness in way of Double Bottom.

Shuntake J

Bridge K

Bridge Plate L

M

N

O

P

Decrease of Flat Plate Keel

Length and thickness of Sheerstrakes.

POOP SIDES

RAISED QUARTER DE SIDES

BRIDGE SIDES

FORECASTLE SIDES

LENGTHS OF PLATING

10 frame spaces.

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

Palmer, Corbett, South Durham.

Iron, South Durham.

Has the Steel been tested as required by the Rules?

Yes

FRAMES extend in one length from keel to tankside, and a tankside to gunwale. (Keel to gunwale in state if ordinary or joggled Ordinary)

REVERSED FRAMES on floors and frames extend from centre to tankside. state if ordinary or joggled Ordinary

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	57.5	18 1/2	17 1/2	15 1/2	0			Single	Double
Main	"	50.7 1/2	18 1/2	17 1/2	15 1/2	0			Single	Double
Mizen	"									

Bowsprit

Topmasts, Yards and Remainder of Spars Pitch pine.

Rigging, Material and Size, Shrouds Steel wire, 3"

Sails, On

Suit of

Sails and the following spare sails

Equipment No. 21590 Letter 9

Tonnage U.D.K. or Plating No. for Trawlers

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
35677	1st Bower	34	3	24	20	7	2	0	33	0	0	Ryker Patent	Ryker Patent L.P.H.T. 23-11-09. Perims
35263	2nd "	31	0	0	29	7	2	0	33	0	0	"	" 15-6-09 "
35773	3rd "	28	0	24	27	6	1	0	28	0	0	"	" 6-1-10 "
	Collective weight	94	0	20	94	0	0						
35841	Stream	8	2	7	10	12	2	0	8	2	0	Ordinary	Ryker Patent L.P.H.T. 25-1-10. Perims
35842	Kedge	4	2	1	7	6	17	2	4	2	0	"	" 25-1-10 "

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.	Test.				
34095	240 1 1/4 5 1/4	71 1/4	34.5-0-10	34.4-2-12	240	1 1/4	Steel	Ryker Patent L.P.H.T. 24-2-10. Perims	
Iron Stream Chain	90 1 1/4 20 1/4	36 1/4	54.3-19	43.4-9	75	1 1/4	Steel	" 22-2-10 "	

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.		
							34095	240 1 1/4 5 1/4

Boats 6 Sloopboats and one other

Pumps, Number 2 Damsel Pump connected to the Diameter of Barrel 5" State whether they are in efficient working order. Yes.

Windlass is by Emerson, Walker & Thompson

Capstan

Engine Room Skylights. How constructed? Deck

What arrangements for deadlights in bad weather? Deck flaps and bullseyes.

Coal Bunker Openings. How constructed? Plates and angles How are lids secured? Bolted down Height above deck? 8-6

Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, 4 Scuppers. 3 freeing ports 30 x 24.

Ceiling in Holds, thickness and material 2 1/2 Pine. Cargo Battens, thickness and material 2 Pine

Cargo Hatchways. How formed? Plates and angles

State size No. 1 Hatch (Forward) 16-0 x 8-0. No. 2 Hatch 21-1 x 12-0. No. 3 Hatch 11-6 x 13-6. No. 4 Hatch

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. 1, 3 Web plates. No. 2, 5 Web plates. No. 3, 1 Web plate. No. 4, 1 Web plate.

No. of Breasthooks 7. No. of Crutches 2, and dup floors.

Bulwarks, height above deck and description 5-1. 1/2 Steel Main Rail and Stays, material and size Deck 10 x 3 1/2.

The above is a correct description.

Builder's Signature (here only)

Surveyor's Signature Allison B. Wilson.

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

Rpt. 1A.

W. T. Jack

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) 1909, Sep. 21, 27, Oct. 12, 16, Nov. 2, 10, Dec. 4, 8, 20, 1910, Jan. 17, Feb. 5, 24, June 7, (M) (E) 1-11-09.

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)? 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.

With the exception that about 15% has been added to the approved scantlings, this vessel has been built in accordance with the approved plans, the Secretary letters of the above date, and in general conformity to the Rules for the class contemplated.

Accompanying this report;—Plans of Midship Section (2) Profile & decks. Stern frame & Rudder, Bridge deck plating. Hatchways, Coaling door, Side Stringer in way of Rudder, Mast & Rigging. Storing Box, Siller, Pumping Arrangement.

An amended plan of Profile and decks will be supplied later. (Showing vessel as built.)

This vessel is stated to have been damaged by collision with another steamer on 25-4-10, the following repairs were effected;—(Damage confined to the port bow.) Two plates in the upper strake of forecastle side plating found in place. One forecastle stringer plate removed. One length of stringer and bar has been removed, and the forecastle deck rescaulked.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.5 ft., R.Q.D. or Break ft., Bridge Dk. 115.0 ft., F'castle 32.0 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)

Official No. 124559; Signal Letters

State if Machinery is fitted aft No

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.
Double bottom, aft,	53.5	73	Fore peak tank,		
Double bottom, under Engines and Boilers,	21.0	46	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft		33
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,	110.5	176	Other tanks, if fitted,		

Total capacity of double bottom 295 (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. 1806

Date 6/9/09

No. 564 in builder's yard

Dates of Surveys held while building

1909. Sep. 25, 28, Oct. 5, 13, 19, 25, Nov. 5, 11, 15, 23, 29, Dec. 3, 4, 6, 8, 9, 14, 15, 17, 20, 23, 24, 29.

1910. Jan. 4, 5, 10, 12, 14, 18, 21, 24, 25, 26, 29, Feb. 1, 2, 4, 5, 10, 15, 17, 23, 28, May 4, 7, 17, 21, 22, May 23, 30, 31, Apr. 7, 12, 13, 14, 19, 21, 27, May 6, 9, 10, 24, 27, 31, Jun. 2, 6, 8, 9, 11, 18.

Total No. of Visits 70

The amount of Entry Fee 4 : 0 : 0

Special 62 : 4 : 0

Travelling Expenses, if any £

Fees applied for, 15/6 19/0

Received by me, 2.7.19 4/7/10

State whether the Vessel has been built under Special Survey Yes

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

With, or without Freeboard, as condition of Class Without.

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

Committee's Minute

TUES. 28 JUN 1910

Character assigned

100A1

Lloyd's Register

thurs 6.10

The Surveyors are requested not to write on or below the Committee's Minute.

Who received 4/10