

For 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 23589
THUR. 23 JAN 1908

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

Received at London Office,

Date of completion of Report *22nd Jan 1908* Port of *SUNDERLAND*
Date, First Survey *6th Sept. 1907* Last Survey *14th Jan 1908*

Survey held at *SUNDERLAND*

On the *STEEL STEAMER "JOHN MILES"*

ONE OR TWO DECKED VESSEL.

CLASS *100 A.1*

Master *C.W. BEE*

Year of appointment *1908*

(1) As master in service of
owner of present vessel:—1908
(2) As master of this
vessel:—1908

Built at *SUNDERLAND*

When built *1908* Launched *Dec. 17. 1907*

By whom built *Messrs J. P. Austin & Son Ld.*

Owners *STEPHENSON CLARKE & Co.*

Managers *J.*

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

Residence *48th DUNSTON ALLEY, S. DUNSTON HALL, LONDON.*

Port belonging to *LONDON*

If Surveyed while Building Afloat, or in Dry Dock UNDER SPECIAL SURVEY

TONNAGE under Tonnage Deck	480.72
Do. of Poop	
Do. of Raised Or. Dk. or Break..	93.56
Do. of Bridge House	21.44
Do. of Forecastle	20.08
Do. of Houses on Deck	
Do. of excess of Hatchways	44.72
Do. above Crown of Engine Room	26.27
Gross Tonnage	686.79
Less Crew Space	39.84
Less above Crown of Engine Room	26.27
TONNAGE FOR FEES	620.68
Less Engine Room	267.40
Less Navigation Spaces	37.80
1/100 th STAMP OF C.P.	26.27
Register Tonnage as cut on Beam	341.75

Half Breadth (moulded)	14.87
Depth from upper part of Keel to top of Main Deck Bms. (from the normal round up of beam)	14.60
Girth of Half Midship Frame (as per Rule)	26.39
1st Number	55.86
Length on deck from after part of stem to fore part of stern post	162.7
2nd Number	9088
Proportions—Breadths to Length	5.47
Depths to Length—Main Deck to top of Keel	11.14
Destined Voyage	LONDON

as cut on Beam ...)												No. of Decks with Flat laid <i>ONE</i>	
LENGTH on Deck as per Rule.....	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL— Top of Deck to top of Main Deck Beams	Feet.	Inches.	No. of Tiers of Beams <i>ONE AND DEEP FRAMING</i>				
	162	8 1/2		29	9		11	10 3/4					
		Moulded		30.05	depth	11.9	Moulded Depth		14 ft. 0 ins.	Round of Beam, Actual <i>7 1/2</i> ins.			

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, Bars, for 1/2 length amidships	5 1/2	3	7	KEEL, Bar or Side Plates depth and thickness	6 1/2 x 1 3/8	6 1/2 x 1 3/8	6 1/2 x 1 3/8
Do. for 1/2 length at ends	5 1/2	3	8	STEM, moulding and thickness	6 1/2 x 3 3/4	6 1/2 x 3 3/4	6 1/2 x 3 3/4
Do. in way of Double Bottoms at Solid Floors	3	3	6	STERN-POST for Rudder do. do.	6 1/2 x 3 3/4	6 1/2 x 3 3/4	6 1/2 x 3 3/4
Do. in way of Double Bottoms at intermdt. Bms.				MAIN PIECE of Rudder, diameter at head	4 1/2	4 1/2	4 1/2
Spacing of Frames from centre to centre	22		22	do. at heel	3 1/2	3 1/2	3 1/2
REVERSED FRAME, Angles	3	3	6	RUDDER, how constructed	FORGED WITH SINGLE PLATE 7/30		
DEEP FRAMING, depth of girder	5 1/2		5 1/2	Can the Rudder be unshipped afloat?	Yes		
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships		7/16 x 7/16	7/16 x 7/16				
Do. in way of Engines and Boilers				KEELSONS AND STRINGERS.			
Do. thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7	7	7
Do. depth at 1/2 the half breadth, as per Rule				Rider Plate	7 1/2	7 1/2	7 1/2
Do. height extended at the Bilges				Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS, in Cell Dble Bottoms				Horizontal Plates on Floors	3 1/2	3	6
Do. state if flanged (top & bottom)	NO		NO	Angles	3 1/2	3	6
Spacing	22		22	SIDE KEELSON, Angles	3 1/2	3	6
CENTRE GIRDER, in Double Bottom, depth and thickness	32	8	32	Bulb or Plate above floors for full length			
Angles, Top	3 1/2	3 1/2	7	Intercoastal Plate for full length			
Bottom	3 1/2	3 1/2	7	Attached to outside plating with Angle			
SIDE GIRDERS, number on each side & thickness	ONE ON EACH SIDE	6	ONE ON EACH SIDE	BILGE KEELSON, Angles	3 1/2	3	6
state if flanged (top & bottom)	NO		NO	Bulb or Plate above floors for full length			
Angles	3	3	6	Intercoastal Plate for full length			
MARGIN PLATE, depth (exclusive of flange) and thickness	20	6	20	Attached to outside plating with Angle			
Angles to Outside Plating	3 1/2	3 1/2	7	BILGE STRINGER Angles			
Floors	3	3	6	Bulb Plate for full length			
Height of Floors at the Bilges	41		41	Intercoastal Plate for full length			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	32	7	32	Attached to outside plating with Angle			
thickness in Engine and Boiler space	NO TANK IN E. & B. SPACE			2 SIDE STRINGER Angles	5	3	7.8
Remainder in Holds	4 1/6		4 1/6	Bulb or Intercoastal Plate for full length	8 1/2	6 1/2	8 1/2
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	7	Attached to outside plating with Angle	3	3	6
Angles on Upper Edge							
Spacing	22		22	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	60	8	60
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Angle on ditto	3 x 3	7	3 x 3
Angles on Upper Edge				Tie Plates fore & aft, outside Hatchways	PLATING		INCREASED
Spacing				Diagonal Tie Plates on Bms., No. of Pairs			
BEAMS, Hold, Plate or Tee Bulb				Main Dk* Iron or Steel for full length	6		6
Angles on Upper Edge				R. Q. Dk* Iron or Steel for full length	6		6
Spacing				Wood Deck, Material & thickness			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	7	Lower Deck Stringer Plate, breadth and thickness			
Angles on Upper Edge				Angles on ditto, No	DEEP FRAMING		IN LIEU
Spacing	44		44	Tie Plates, outside Hatchways			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	8	Deck* Material and thickness			
Angles on Upper Edge				HOLD STRINGER PLATE			
Spacing	44		44	Angles on ditto, No			
PILLARS, in tween Decks, Size and Spacing				POOP DECK STRINGER PLATE, breadth & thickness			
Hold	3 1/2 x 2 1/4	44	3 1/2 x 2 1/4	Angle on ditto			
Quarter, tween Dks.				Tie Plates			
in Hold				Deck, Material and thickness			
WEB FRAMES, in Fore Body, No. and Spacing				Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	30	6	30
No. of Side Stringers				Angle on ditto	3 1/2 x 3 1/2	6	3 1/2 x 3 1/2
WEB FRAMES, in E. & B. Space, No. & Spacing				Tie Plates	12	6	12
Breadth & Thickness				Deck, Material and thickness			
WEB FRAMES, in After Body, No. and Spacing				Forecastle Deck Stringer Plate, breadth & thickness	20	6	20
Breadth & Thickness				Angle on ditto	3 1/2 x 3 1/2	6	3 1/2 x 3 1/2
No. of Side Stringers				Tie Plates	5 x 3	6	5 x 3
Size of Angles or Tee Bars to Web Frames				Deck, Material and thickness			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

PLATING.										RIVETING.												
STRAKES.	AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES. Ordinary or Jogged?					BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.					
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.						Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL	32	12	11	11	32	12	11	11	32	12	11	11	32	12	11	32	12	11	11			
(If Bar Keel, state Riveting)																						
GARBOARD OF A STRAKE	46	10	9	9	46	10	9	9	46	10	9	9	46	10	9	46	10	9	9			
State actual thickness in way of Double Bottom.	B	54	8	7	54	8	7	7	54	8	7	7	54	8	7	54	8	7	7			
C	46	10	10	10	46	10	10	10	46	10	10	10	46	10	10	46	10	10	10			
D	49	9	8	8	49	9	8	8	49	9	8	8	49	9	8	49	9	8	8			
E	60	8	7	7	60	8	7	7	60	8	7	7	60	8	7	60	8	7	7			
F	54	7	6	6	54	7	6	6	54	7	6	6	54	7	6	54	7	6	6			
G	33	11	8	8	33	11	8	8	33	11	8	8	33	11	8	33	11	8	8			
H																						
I																						
J																						
K																						
L																						
M																						
N																						
O																						
P																						
DOUBLING OF Flat Plate Keel																						
Length and thickness of Bilges																						
Length and thickness of Sheerstrakes																						
Length and thickness of Strake below																						
POOP SIDES																						
RAISED QUARTER DECK SIDES																						
BRIDGE SIDES																						
FORECASTLE SIDES																						
LENGTHS OF PLATING																						

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.?

Steel Plates: - *CONQUEST & SOUTH DUNDEE*

Iron Plates: - *W. H. & C.*

Steel Angles: - *CONQUEST & PALMER*

Has the Steel been tested as required by the Rules? *Yes*

Main Stringer Plate Butts, treble riveted for *1/4* length amidship. Straps, single, double or overlapped for *1/4* length amidship.

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted?

Inner Bottom Plating, riveting of Edges *Single* Butts *Double & Style*

Centre Girder Butts, *7/8* riveted. Keelson Butts, *1/2* riveted.

Frames, riveted through Plates with *3/4* in. Rivets, about *5/8* apart.

Rivets, state whether of Iron or Steel *IRON*

FRAMES extend in one length from *Centre Line* to *MARGIN PLATE AND THENCE TO GUNWALE* state if ordinary or joggled.

REVERSED FRAMES on floors and frames extend from *Centre Line to MARGIN PLATE* state if ordinary or joggled.

MASTS, SPARS, &c.

	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS...											
Fore	<i>ONE</i>	<i>41.6</i>	<i>14</i>	<i>13</i>	<i>11</i>	<i>10</i>					
Main	<i>ONE</i>	<i>39.0</i>	<i>14</i>	<i>13</i>	<i>11</i>	<i>10</i>					
Mizen											
Boomsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds	<i>2 1/2</i>										
Sails.	<i>ONE</i>	Suit of <i>SCHOONERS</i>									

EQUIPMENT No. *10171* LETTER *i* 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.	
		Cwts.	qrs.	lbs.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
<i>9939</i>	1st Bower	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>BYERS PATENT</i>	<i>11.12.07</i>	<i>A. G. P.</i>
<i>10262</i>	2nd "	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>0</i>	<i>do.</i>	<i>11.12.07</i>	<i>W. J. P.</i>
<i>9803</i>	3rd "	<i>12</i>	<i>3</i>	<i>14</i>	<i>12</i>	<i>3</i>	<i>14</i>	<i>12</i>	<i>3</i>	<i>14</i>	<i>12</i>	<i>3</i>	<i>14</i>	<i>do.</i>	<i>11.12.07</i>	<i>do.</i>
	Collective weight	<i>41</i>	<i>3</i>	<i>21</i>	<i>41</i>	<i>3</i>	<i>21</i>	<i>41</i>	<i>3</i>	<i>21</i>	<i>41</i>	<i>3</i>	<i>21</i>			
<i>10474</i>	Stream	<i>4</i>	<i>1</i>	<i>0</i>	<i>4</i>	<i>1</i>	<i>0</i>	<i>4</i>	<i>1</i>	<i>0</i>	<i>4</i>	<i>1</i>	<i>0</i>	<i>COMMON</i>	<i>10.12.07</i>	<i>H. J. P.</i>
<i>10476</i>	Kedge	<i>2</i>	<i>0</i>	<i>7</i>	<i>2</i>	<i>0</i>	<i>7</i>	<i>2</i>	<i>0</i>	<i>7</i>	<i>2</i>	<i>0</i>	<i>7</i>	<i>do.</i>	<i>11.12.07</i>	<i>do.</i>

CHAIN CABLES.

HAWSEERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		FATHOMS AND SIZE PER TABLE 22.		Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Twine.	Fathoms and Size Per Table 22.
			Test per Certificate.	Supplied.	Test per Certificate.	Supplied.								
<i>3665</i>	<i>195</i>	<i>1 3/4</i>	<i>38.25</i>	<i>143.1.6</i>	<i>141.0.16</i>	<i>140.1.16</i>	<i>SW. LINE</i>	<i>S. TAYLOR & SONS</i>	<i>10.12.07</i>	<i>do.</i>	<i>10.12.07</i>	<i>10.12.07</i>	<i>10.12.07</i>	<i>10.12.07</i>
Iron Stream Chain	<i>60</i>	<i>3/8</i>	<i>17.11</i>	<i>21.0.1</i>	<i>20.1.11</i>	<i>20.1.11</i>	<i>SW. LINE</i>	<i>S. TAYLOR & SONS</i>	<i>10.12.07</i>	<i>do.</i>	<i>10.12.07</i>	<i>10.12.07</i>	<i>10.12.07</i>	<i>10.12.07</i>

Boats *TWO LIFEBOATS AND ONE DINGY* state if in efficient working order *Yes*

Pumps, Number *ONE 6" DOWNCAST PUMP AND ONE PORTY* Diameter of Barrel

Windlass is *CLARK & CHAPMAN & CO.* Capstan

Engine Room Skylights.—How constructed? *OF STEEL*

What arrangements for deadlights in bad weather? *STEEL FLAPS & BULBS*

Coal Bunker Openings.—How constructed? *OF STEEL* How are lids secured? *CLEAN & BATTENS* Height above deck? *15"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material *CEILING OF LUMBER ONLY* Ceiling 'tween Decks, thickness and material *NO CEILING*

Cargo Hatchways.—How formed? *OF STEEL - USUAL CONSTRUCTION* Hatches.—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *28'9" x 19'0"* No. 2 Hatch *35'0" x 19'0"* No. 3 Hatch *—* No. 4 Hatch *—*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *NO. 1. HATCH. 2 HATCH. NO. 2. HATCH. 3 HATCH.*

5 PLATES AND AFTERS TO EACH HATCH. No. of Breasthooks *3* No. of Crutches *DEEP 2009*

Bulwarks, height above deck and description *55' 1/2 STEEL PLATE* Main Rail and Stays, material and size *RAIL & STAYS PATENT 5/8*

The above is a correct description.

Builder's Signature (here only) *M. J. P.* Surveyor's Signature *J. S. P.* 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.)

11. AUG. 28. 1907. 17. SEPT. 6. 1907. E. SEPT. 28. 1907. 11. OCT. 7. 1907

Workmanship. Are the butts of plating planed or otherwise fitted? *PLANED AND OVERLAPPED*

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.)

THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS. THE SURVEYOR'S LETTERS DATED AS STATED ABOVE AND OTHERWISE IN ACCORDANCE WITH THE RULES FOR THE CONTEMPLATED CLASS. THE MATERIALS AND WORKMANSHIP ARE GOOD.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Deek *4*, R.Q.D. or Break *92.25* ft., Bridge Dk. *12.83* ft., F'castle *20.0* ft. (in feet and tenths) where the Deek is on top of the R.Q.D., or when the Deek 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) *ONE ON 5/8 AND DECK FRAMING.*

Official No. *126659*; Signal Letters

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.	<i>✓</i>	<i>—</i>	Fore peak tank.	<i>16'6"</i>	<i>64</i>
Double bottom, under Engines and Boilers.	<i>—</i>	<i>—</i>	After peak tank.	<i>7'0"</i>	<i>20</i>
Double bottom, if under Engines only.	<i>—</i>	<i>—</i>	Midship deep tank.	<i>—</i>	<i>—</i>
Double bottom, if under Boilers only.	<i>—</i>	<i>—</i>	Other tanks, if fitted.	<i>—</i>	<i>—</i>
Double bottom, forward.	<i>95'0"</i>	<i>153</i>	(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. *44110* 1907: Sept 6, 7, 9, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Oct: 2, 3, 4, 5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Nov: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Dec: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 1908: Jan 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Feb: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Mar: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Apr: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, May: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Jun: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Jul: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Aug: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, Sep: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 1