

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

IRON OR STEEL STEAMER.

No. 18871

THUR. 11 APR. 1907

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *25th March 1907*
Date, First Survey *Oct. 25/06*

Port of Hull
Last Survey *Mar. 25th 1907*
Rig *Ketch.*

Survey held at *Quilly*

On the *Steam Trawler "RUBY."*

ONE OR TWO DECKED VESSEL.

CLASS *100 A1. Steam Trawler.*

Master *D. H. Eschm.*

Year of appointment *(1) As master in service of owner of present vessel: 1907 (2) As master of this vessel: 1907*

TONNAGE under Tonnage Deck... *239.40*
Do. of Poop *12.63*
Do. of Raised Qr. *9.02*
Do. of Bridge House *4.94*
Do. of Forecastle *10.35*
Do. of Houses on Deck *245.34*
Do. of excess of Hatchways *22.62*
Do. above Crown of Engine Room *10.25*
Gross Tonnage *242.34*
Less Crew Space *138.97*
Less above Crown of Engine Room *10.02*
TONNAGE FOR FEES... *103.43*

Half Breadth (moulded) *11.18*
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam) *13.46*
Girth of Half Midship Frame (as per Rule) *20.31*
1st Number *44.95*
Length on deck from after part of stem to fore part of stern post *123.87*
2nd Number *5564*
Proportions—Breadths to Length *5.5*
Depths to Length—Main Deck to top of Keel *9.2*

Built at *Quilly*
When built *1907* Launched *19th Dec. 1906*
By whom built *Cochran & Sons.*
Owners *Cole, Carter & Eschm.*
Managers *(Where necessary to be entered in Reg. Book.)*
Residence *Milford Haven.*
Port belonging to *Milford Haven.*

Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *Yes.*
BREADTH—Moulded *22* Feet. *6* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *12* Feet. *3* Inches. No. of Decks with Flat laid *one* No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length, *125.0* breadth, *22.5* depth, *11.92* Moulded Depth, *13* ft. *0* ins. Round of Beam, Actual *4* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, <i>7</i> , <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships		<i>4</i>	<i>3</i>	<i>8</i>	<i>4</i>	<i>3</i>
Do. for $\frac{1}{2}$ at each end						
Do. in way of Double Bottoms at Solid Floors.						
Spacing of Frames from centre to centre		<i>21</i>			<i>21</i>	
REVERSED FRAME, Angles		<i>2 1/2</i>	<i>2 1/2</i>	<i>4</i>	<i>2 1/2</i>	<i>4</i>
DEEP FRAMING, depth of girder		<i>4</i>			<i>4</i>	
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		<i>16</i>	<i>6</i>	<i>16</i>	<i>6</i>	<i>4</i>
" in way of Engines and Boilers			<i>5</i>		<i>5</i>	
" thickness at the ends of vessel						
" depth at $\frac{1}{2}$ the half breadth, as per Rule						
" height extended at the Bilges						
LOORS & BRACKETS, in Cell Dble Bottoms						
" state if flanged (top & bottom)						
" Spacing						
ENTRE GIRDER, in Double Bottom, depth and thickness						
" Angles, Top						
" Bottom						
IDE 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						
EAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>
" Angles on Upper Edge						
" Spacing						
EAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Spacing						
EAMS, Hold, Plate or Tee Bulb						
" Angles on Upper Edge						
" Spacing						
EAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on Upper Edge						
" Spacing						
EAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb						
" Angles on Upper Edge						
" Spacing						
EAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>
" Angles on Upper Edge						
" Spacing						
LLARS, In 'tween Decks, Size and Spacing						
" Hold						
" Quarter, 'tween Dks.,						
" in Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
" No. of Side Stringers						
WEB FRAMES, In E. & B. Space, No. and 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.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates depth and thickness		<i>7 1/2 x 15</i>			<i>7 1/2 x 15</i>	
STEM, moulding and thickness		<i>7 1/2 x 15</i>			<i>7 1/2 x 15</i>	
STERN-POST for Rudder do. do.		<i>6 x 3</i>			<i>6 x 3</i>	
" for Propeller		<i>4 1/2</i>			<i>4 1/2</i>	
MAIN PIECE of Rudder, diameter at head do. at heel		<i>3 1/2</i>			<i>3 1/2</i>	
RUDDER, how constructed <i>Forged iron, Single plate, see sketch.</i>						
Can the Rudder be unshipped afloat? <i>Yes.</i>						
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		<i>7 1/2</i>			<i>7 1/2</i>	<i>7</i>
" Rider Plate						
" Bulb Plate to Intercoastal Keelson						
" Horizontal Plates on Floors		<i>4</i>	<i>3</i>	<i>7</i>	<i>4</i>	<i>3</i>
" Angles						
SIDE KEELSON, Angles						
" Bulb or Plate above floors for lng.						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles <i>(See sketch)</i>		<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
" Bulb or Plate above floors for lng.						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
BILGE STRINGER Angles						
" Bulb Plate for length						
" Intercoastal Plate for length						
" Attached to outside plating with Angle						
SIDE STRINGER Angles		<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
" Bulb or Intercoastal Plate for lng.						
" Attached to outside plating with Angle						
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		<i>50</i>	<i>5</i>	<i>50</i>	<i>5</i>	
" Angle on ditto		<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>	<i>6</i>	
" Tie Plates, outside Hatchways		<i>8</i>	<i>6</i>	<i>8</i>	<i>6</i>	
" Diagonal Tie Plates on Bms., No. of Pairs						
" Main Dk* Iron or Steel for lng.						
" R. Q. Dk* Iron or Steel for span lng.						
" Wood Deck, Material & thickness <i>P.P. Pine</i>		<i>3</i>		<i>3</i>		
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. Awng. Deck Stringer Plate, breadth and thickness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						
Forecastle Deck Stringer Plate, brdth & thcknss		<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>	<i>6</i>	
" Angle on ditto						
" Tie Plates <i>Deck plate, see sketch</i>		<i>5</i>		<i>5</i>		
" Deck, Material and thickness <i>P.P. Pine</i>		<i>3</i>		<i>3</i>		

BULKHEADS.		Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	16ths or 20ths.	Size.	Spacing.	Size.	Spacing.	Inches.
W.T. BULKHEADS	<i>4</i>	<i>4</i>	<i>5/16</i>	<i>3 x 2 1/2 x 4 1/4</i>	<i>48</i>	<i>0 1/4</i>	<i>0 1/4</i>
PARTITION							
LONGITUDINAL							
Are the outside Plates doubled two spaces of Frames in length? <i>Diamond plate fitted</i>							
Are the Sluice Valves and Watertight Doors in efficient working order? <i>None</i>							

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PLATING.										RIVETING.																	
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		Lower EDGES. Ordinary or Joggled?		RIVETS.		Double or Triple and for what Length.		RIVETS.		STRAKES.		IF LAPPED.										
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.											
FLAT PLATE KEEL (If Bar Keel, state Riveting) GARBOARD OR A STRAKE	32	9	32	32	7	7	Double	4 1/2	3/4	3	4	2 1/2	9 1/4	5	5	5	5										
State actual thickness in way of Double Bottom.	B	7	6	6	7	7	"	"	"	"	"	"	"	"	"	"	"										
"	C	7	6	6	7	7	"	"	"	"	"	"	"	"	"	"	"										
"	D	7	6	6	7	7	"	"	"	"	"	"	"	"	"	"	"										
"	E	7	6	6	7	7	"	"	"	"	"	"	"	"	"	"	"										
"	F	36	9	7	7	36	9	"	"	"	"	"	9 1/4	9	"	"	"										
"	G							"	"	"	"	"	"	"	"	"	"										
"	H							"	"	"	"	"	"	"	"	"	"										
"	J							"	"	"	"	"	"	"	"	"	"										
"	K							"	"	"	"	"	"	"	"	"	"										
"	L							"	"	"	"	"	"	"	"	"	"										
"	M							"	"	"	"	"	"	"	"	"	"										
"	N							"	"	"	"	"	"	"	"	"	"										
"	O							"	"	"	"	"	"	"	"	"	"										
"	P							"	"	"	"	"	"	"	"	"	"										
DOUBLING OF Flat Plate Keel																											
Length of Bilges																											
Thickness of Sheerstrakes																											
Thickness of Strake below																											
POOP SIDES																											
RAISED QUARTER DECK SIDES		9		7																							
BRIDGE SIDES																											
FORECASTLE SIDES			5																								
LENGTHS OF PLATING	Run from apices.																										
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.?										Main Stringer Plate { Butts, treble riveted for full length amidship. Straps, single, double or overlapped for full length amidship. Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? J & D. Inner Bottom Plating, riveting of Edges Butts. Centre Girder Butts, riveted. Keelson Butts, double riveted. Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart. Rivets, state whether of Iron or Steel Iron																	
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 across top of floors. (Single angle frame.)										state if ordinary or joggled Ordinary																	
MASTS, SPARS, &c.																											
LOWER MASTS		Fore		Main		Mizen		Material.		Total length.		DIAMETER AND THICKNESS.		At Partners.		Heel.		Hounds.		Head.		No. of Plates in round.		ANGLES.		RIVETING.	