

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office MAY 5 1910

Date of completion of report 3rd May 1910

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

Survey held at Stockton

Date, First Survey 12th June 1910

Port of Middlesbrough

No. 6239

Last Survey 25th April 1910

On the

Screw Steamer "Spilsby"

Rig Schooner

TONNAGE under Tonnage Deck...

Do. between Tonnage Dk. and 3rd and 4th Dk. 3375.97  
Total under Upper Dk. 3375.97  
Do. of Poop 27.59  
Do. of R.O. Trunk to Tank 1.2  
Do. of Bridge House 61.56  
Do. of Forecastle 80.58  
Do. of Houses on Dk. 45.68  
Do. of excess of Hatchways 69.57  
Do. above Crown of Engine Room 3661.07  
Gross Tonnage 94.71  
Less Crew Space 69.57  
Net Tonnage 3496.79  
Do. of Engine Room 1171.54  
Do. of Navigation Spaces 140.34  
Do. of Forecastle 80.58  
Do. of Houses on Dk. 45.68  
Do. of excess of Hatchways 69.57  
Do. above Crown of Engine Room 3661.07  
Gross Tonnage 94.71  
Less Crew Space 69.57  
Net Tonnage 3496.79  
Do. of Engine Room 1171.54  
Do. of Navigation Spaces 140.34

CLASS 100A1

Master A. H. Goldsworthy (1101248)

Year of appointment 1910

(1) As Master in service of owner of present vessel—1898  
(2) As Master of this vessel—1910

Built at Stockton

When built 1910-4 Launched 11th April 1910

By whom built Roper & Sons Ltd.

Owners R. Roper & Co.

Managers do. do.

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

Residence West Hartlepool

Port belonging to Stockton

er Tonnage

on Beam

Destined Voyage Barry for Rio de Janeiro

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

DEPTH, ACTUAL	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid
Top of Floors to top of Upper Dk. Beams	23	3 1/4					1
do. do. Second Dk. Beams							No. of Tiers of Beams
							1

Moulded depth, ft. 33 ins. 2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 3/4 ins.  
Moulded depth, ft. 25 ins. 8 To Upper Dk.

Dimensions of Ship per Register, Length 346.5 breadth 50.85 depth 23.26

FRAMING.				FORGINGS or CASTINGS.			
NAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	NAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	11	3 1/2	22	KEEL, Bar, depth and thickness	Flat Plate		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3	12	STEM, moulding and thickness	Scrap	9 1/8 x 2 7/8	9 1/8 x 2 7/8
Do. in way of Double Bottoms at intermdt. Bkts.	5	3 1/2	14	STERN-POST for Rudder do. do.	Steel	7 3/4 x 6 3/4	7 3/4 x 6 3/4
acing of Frames from centre to centre amidships	26		26	for Propeller	Forgings	8 3/4 x 6 3/4	8 3/4 x 6 3/4
" " length to Collision bulkhead	24		24	RUDDER—A x D Table 22	12 1/2 x 12 1/2	381-19	381-19
" " in peaks	24		24	" Main-Piece, diameter at head	9 3/8		9 3/8
VERSED FRAME, Angles, 2N. Floors	3 1/2	15-13	3 1/2	" " at heel	7		7
AMING, depth of girder	11		11	RUDDER, how constructed	Scrap Steel Forged & built in Ing. Plate		
DOORS, depth and thickness of Floor Plate	Cell.	all. B.		Can the Rudder be unshipped afloat?	Yes—Horizontal Coupling		
at mid-line for 1/2 length amidships							
" in way of Engine and Boiler Spaces				KEELSONS & STRINGERS.			
" thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above			
" depth at 1/2 the half breadth, as per Rule				floors, Through Plate, or Intercoastal Plate			
" height extended at the Bilges				" Rider Plate			
DOORS & BRACKETS in Cell Dble Bottoms	41	4 1/3	41	" Flat Plate Keel Angles			
" state if flanged (top & bottom)	Partly		Partly	" Horizontal Plates on Floors			
" Spacing	52		52	" Angles or Bulb Angles			
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	41	19-15	41	" Angles or Bulb Angles			
" Angles, Top	3 1/2	46/44	3 1/2	" Plate above floors, for length			
" Bottom	4	58/54	4	" Intercoastal Plate, for length			
" to Floors	4 1/2	15/14	4 1/2	" Attached to outside Plating with Angle			
IDE GIRDERS, number on each side & thickness	Two	15-13	Two	BILGE KEELSON, Angles			
" state if flanged (top and bottom)				" Intercoastal Plate for length			
" Angles	3	15-13	3	" Attached to outside Plating with Angle			
MARGIN PLATE, depth (exclusive of flange)	36 3/4	17-15	32	SIDE STRINGERS, Number Two			
" and thickness	3 1/2	17-15	3 1/2	" Angle	6	3 1/2	6
" Angles to Outside Plating	3 1/2	42	3 1/2	" Intercoastal Plate, for full length			
" Floors	3	15/14	3	" Attached to outside plating with Angle	Flanged to shell		
" Height of Brackets above at bilge	3-6		3-6				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	58 1/2	19-15	58 1/2	Upper Deck Stringer Plate, br'dth & thickness	72	26-17	72
" in Engine and Boiler space	46 1/2	15-13	46 1/2	(clear of Bridge)			
" Remainder in Holds	15-13	40	15-13	" " " (in way of Bridge)			
BEAMS, Upper Deck, Single Angle, Bulb	7 1/2	3 1/2	7 1/2	" Angle (clear of Bridge)	4 1/2 x 4 1/2	4 1/2 x 4 1/2	28-21
" Angle, Plate, Tee Bulb, or Channel	7 1/2	3 1/2	7 1/2	" Tie Plate at sides of Hatchways	20-13	20-13	20-13
" Angles on upper edge	26	15-24	26	" Deck * Iron or Steel, for full lng.	20-12	20-12	20-12
" Spacing	26	15-24	26	" Thickness (clear of Bridge)	14	14	14
BEAMS, Second Deck, Single Angle, Bulb				" (in way of Bridge)			
" Angle, Plate, Tee Bulb, or Channel				" Wood Deck, Material & thickness			
" Angles on upper edge				Second Deck Stringer Plate, br'dth & thickness			
" Spacing				" Angles on ditto, No.			
BEAMS, Third or Fourth Deck, Single Angle, Bulb				" Tie Plates outside Hatchways			
" Angle, Plate, Tee Bulb, or Channel				" Deck * Iron or Steel, for lng.			
" Angles on upper edge				" Wood Deck, Material & thickness			
" Spacing				Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb, or Channel				" Angles on ditto, No.			
" Angle, Plate, Tee Bulb, or Channel				" Tie Plates, outside Hatchways			
" Angles on upper edge				" Deck * Material and thickness			
" Spacing				Fourth and Fifth Deck Stringer Plate, br'dth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate	7 1/2	3 1/2	7 1/2	" Angles on ditto, No.			
" Tee Bulb, or Channel	7 1/2	3 1/2	7 1/2	" Tie Plates outside Hatchways			
" Angles on upper edge	52	48	52	" Deck, Material & thickness			
" Spacing	52	48	52	Poop Deck Stringer Plate, breadth & thickness	30	34	30
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate	7 1/2	3 1/2	7 1/2	" Angle on ditto	3 1/2	3 1/2	3 1/2
" Tee Bulb, or Channel	7 1/2	3 1/2	7 1/2	" Tie Plates	Iron	19 1/2	Iron
" Angles on upper edge	52		52	" Deck, Material and thickness	54	40	54
" Spacing	52		52	Bridge Deck Stringer Plate, br'dth & thickness	54	40	54
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate	9	3 1/2	9	" Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	
" Plate, Tee Bulb, or Channel	9	3 1/2	9	" Tie Plates	Iron	19 1/2	19 1/2
" Angles on upper edge	48		48	" Deck, Material and thickness	Iron	19 1/2	19 1/2
" Spacing	48		48	Forecastle Deck Stringer Plate, b'dth & th'kns	23	34	23
PILLARS, In 'tween Deck, size and spacing	2 1/2	52	2 1/2	" Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2	34
" Hold	3 1/2	21-8	3 1/2	" Tie Plates	30 1/2	716	30 1/2
" Quarter 'tween Dks.	4		4	" Deck, Material and thickness	4 x 4	4 x 4	4 x 4
" in Hold	4		4				
WEB-FRAMES, In Fore Body, No. and spacing	1	10 1/2	1				
" br'dth. & thickness	30	4	30				
" No. of Side Stringers	1		1				
WEB-FRAMES, In E. & B. Space, No. & spacing	30	4	30				
" br'dth. & thickness	30	4	30				
WEB-FRAMES, In After Body, No. and spacing	30	4	30				
" br'dth. & thickness	30	4	30				
" No. of Side Stringers	30	4	30				
" Size of Face Angles to Web-Frames	6	4	6				
BRACKET PLATES to Stringers between Web-Frames, depth and thickness	6	4	6				

Form No. 1A.—1m.3.9.

W 539-0202/2



PLATING.										RIVETING.										
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.					
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breadth of Lap.		RIVETS.		STRAKES.		IF LAPPED.		
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	
FLAT PLATE KEEL	47	36/40	36/40	36/40	36/40	47	36/40	36/40	36/40	Double	6	1	4 1/2	Double	7/8	3 1/2	19	2 1/2	12	full
GARBOARD OF A STRAKE	66 1/2	60	26 1/2	10 2 1/2	10 2 1/2	66 1/2	60	26 1/2	10 2 1/2											
B	70	60	26 1/2	10 2 1/2	10 2 1/2	70	60	26 1/2	10 2 1/2											
C	70	60	26 1/2	10 2 1/2	10 2 1/2	70	60	26 1/2	10 2 1/2											
D	60	60	26 1/2	10 2 1/2	10 2 1/2	60	60	26 1/2	10 2 1/2											
E	54	60	26 1/2	10 2 1/2	10 2 1/2	54	60	26 1/2	10 2 1/2											
F	55	60	26 1/2	10 2 1/2	10 2 1/2	55	60	26 1/2	10 2 1/2											
G	69	60	26 1/2	10 2 1/2	10 2 1/2	69	60	26 1/2	10 2 1/2											
H	70	60	26 1/2	10 2 1/2	10 2 1/2	70	60	26 1/2	10 2 1/2											
J	67	60	26 1/2	10 2 1/2	10 2 1/2	67	60	26 1/2	10 2 1/2											
K	48	55	26 1/2	10 2 1/2	10 2 1/2	48	55	26 1/2	10 2 1/2											
L	52	19/40	26 1/2	10 2 1/2	10 2 1/2	52	19/40	26 1/2	10 2 1/2											
M	43	65 in Hells	26 1/2	10 2 1/2	10 2 1/2	43	65 in Hells	26 1/2	10 2 1/2											
N	1.0	do.	26 1/2	10 2 1/2	10 2 1/2	1.0	do.	26 1/2	10 2 1/2											
O			26 1/2	10 2 1/2	10 2 1/2			26 1/2	10 2 1/2											
P			26 1/2	10 2 1/2	10 2 1/2			26 1/2	10 2 1/2											
Q			26 1/2	10 2 1/2	10 2 1/2			26 1/2	10 2 1/2											
R			26 1/2	10 2 1/2	10 2 1/2			26 1/2	10 2 1/2											
S			26 1/2	10 2 1/2	10 2 1/2			26 1/2	10 2 1/2											
DOUBLING OF PLATE KEEL																				
Sheerstrakes																				
Length and thickness.																				
POOP SIDES																				
Short Bridged Sides																				
FORECASTLE SIDES																				

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

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, Plating, &c. *Open Hearth (Basic or Acid) Consett, Salome, Dorman, South Durham & Bolckow.*

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

FRAMES extend in one length from *Margin plate to Weather Deck.* State if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *B.D. framing throughout.* State if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.									
		DIAMETER AND THICKNESS.		No. of Plates in round.		ANGLES.		RIVETING.	
		At Partners.	Heel.	Hounds.	Head.	Number.	Size.	Seams.	Butts.
LOWER MASTS.	Fore	68' 6"	21 x 9 1/2	19 x 7 1/2	14 x 7 1/2	2		Single	Double
	Main	67' 9"							
	Mizen								
Doubled at Partners, Heel & Head.									
Boysprit									
Topmasts, Yards and Remainder of Spars <i>1 1/2 inch Size</i>									
Rigging, Material and Size, Shrouds <i>3/4 inch Solid Steel</i>									
Stays <i>1 1/2 inch. Topmasts 1/2 inch. M. 2 inch. Bottommasts 1 1/2 inch.</i>									
Sails. <i>None.</i> Suit of Sails, and the following sparsails									

EQUIPMENT No. 27455 LETTER W.										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.													
Certs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.	Qrs.	lbs.													
35897	1st Bower	53	1	18	5	6800	44	8	3	0	52	2	0	0	0	0													
35895	2nd "	50	2	10	6	6796	42	15	1	7	52	2	0	0	0	0													
35896	3rd "	47	2	6	7	848	40	16	1	0	44	2	0	0	0	0													
	4th "																												
	Collective weight	151	2	6	16	149	2	0	0	0																			
35903	Stream	44	0	2	3	2	6	15	16	3	14	14	0	0	0	0													
35902	Kedge	6	0	7	1	2	2	8	5	0	6	6	0	0	0	0													

*Mechanical Test Certificates produced.*

CHAIN CABLES.										HAWSEERS AND WARPS.															
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and size per Table 31.			
Certs.	Qrs.	lbs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.	Certs.	Qrs.	lbs.
37084	270	2 1/4	7 1/2	107 3/4	573	3	175	12 1/4	270	2 1/4	7 1/2	107 3/4	573	3	175	12 1/4	270	2 1/4	7 1/2	107 3/4	573	3	175	12 1/4	
	90	4 1/4	39					90	4 1/4	39							90	4 1/4	39						

Boats *2 Lifeboats 24' x 11' 1/2' each 18 feet*

Pumps, Number *1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.* State whether they are in efficient working order *Yes.*

Windlass is *Blacks, Chapman & Co. Patent Direct Steam Capstan & Hand combined.*

Engine Room Skylights.—How constructed? *All Steel.*

What arrangements for deadlights in bad weather? *Bulls eyes.*

Coal Bunker Openings.—How constructed? *Plates & angles.* How are lids secured? *Turns & battens.* Height above deck? *18 1/2' Bridgedeck*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *11 Scuppers & 10 Freeing Ports 26 x 18" each side*

Ceiling in Holds, thickness and material. *2 1/2" W.W.*

Cargo Hatchways.—How formed? *44 coaming plates.*

State size No. 1 Hatch (Forward) *26 x 18 x 39"* No. 2 Hatch *26 x 18 x 39"* No. 3 Hatch *26 x 18 x 39"* No. 4 Hatch *26 x 18 x 39"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

No. of Breasthooks *4*

No. of Crutches *18*

Bulwarks, height above deck and description *48 x 14" Steel*

Main Rail, material and size *5 1/2 x 3 x 1/2" S.A.*

The above is a correct description.

Builder's Signature (here only) *ROPNER & SONS, LIMITED.*

Surveyor's Signature *W. L. Gilman.*

Secretary *W. L. Gilman.*

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *E 1909 Dec 6-15. M 1909 Oct 21. Nov 2-10-24. Dec 2-3-7-21. 1910 Mar 9. Apr 21, 23.*

Workmanship. Are the butts of plating planned or otherwise fitted? *Planned*

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 laying 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. 26, par. 20)? *Yes.* State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes.* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *Good.*

*This vessel has been built in accordance with the Approved Plans (10 in 10) forwarded herewith, the Secretary's letters of the above dates and in other respects in general conformity with the Society's regulations. Steam Steering Gear is fitted in deckhouse on the Main deck at the after end of engine room, connected to quadrant by rods, chains & buffer springs & controlled from Bridge by rods & level wheels. Hand Steering Gear is fitted to rudder head on poop deck. Deck steps fitted to receive quadrant. Steering Gears & Windlass tested under working conditions with satisfactory results. Fuelboards assigned, marked & verified.*

*32 Forging Reports herewith.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *25' 0"* Bridge *95' 5"* Forecastle *56' 0"* (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Bridge & Poop are not joined.*

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 Deck (Part Iron & Steel)*

Official No. *104277*; Signal Letters *—* State if Machinery is fitted aft *No.*

How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cell. S.B.*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft.	110.5	285	Fore peak tank.	18.5	139
Double bottom, under Engines and Boilers.			After peak tank.	16.0	147
Double bottom, if under Engines only.	23.83	83	Deep tank, aft.		
Double bottom, if under Boilers only.	152.50	463	Deep tank, forward.		
Double bottom, forward.			Other tanks, if fitted.		
Total capacity of double bottom		831	(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—Satisfactory*

Order for Special Survey No. *814*

Date *30th Oct 1909*

No. *451* in builder's yard.

Days of Surveys held while building *1909 Nov 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31. 1910, Jan. 5, 12, 19, 21, 24, 31. Feb. 18, 22, 24, 25, 28. Mar. 1, 2, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31. 1. 2. 5. 7. 8. 11. 18. 20. 21. 22. 25.*

Total No. of Visits *48*

The amount of Entry Fee *£ 5 : 0 : 9* Fees applied for, *£ 5 : 0 : 9*

Special Survey Fee *£ 11 : 8 : 8* Received by me, *£ 11 : 8 : 8*

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 A.1.*

With or without Freeboard, as condition of Class.

Committee's Minute *FRI. 6 MAY 1910*

Character assigned *100 A.1. W.*

*Lloyds & C.P. + L. H. C. 4, 10.*

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

Builder's Signature (here only) *ROPNER & SONS, LIMITED.*

Surveyor's Signature *W. L. Gilman.*

Secretary *W. L. Gilman.*