

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

# IRON OR STEEL STEAMER.

No. 7414  
FRI 27 NOV 1908

State if Report is also sent on the Machinery of the Vessel *No. See Hull Rpt.* Received at London Office.  
Date of completion of Report *26th November 1908* Port of *Dundee*  
Date, First Survey *5th August* Last Survey *25th November 1908*  
Rig *Schooner*

Survey held at *Dundee*  
On the *Steel Screw Steamer "SUMMERSGILL"*

ONE OR TWO DECKED VESSEL.  
CLASS *A 100 A.1.*

Master  
Year of appointment  
Built at *Dundee*  
When built *1908* Launched *2nd Nov 1908*  
By whom built *The Dundee Shipyard Co. Ltd*  
Owners *The Hamilton Shipyard Co. Ltd*  
Manager *S. Snoddy.*  
Residence *74 South John Street Liverpool*  
Port belonging to *Liverpool*

TONNAGE under  
Tonnage Deck...  
Do. of Poop  
Do. of Raised Gr.  
Dk. or Break...  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Deck  
Do. of excess of Hatchways  
Do. above Crown of  
Engine Room...  
Gross Tonnage  
Less Crew Space  
as above Crown of  
Engine Room...  
TONNAGE FOR FEES...  
as above Crown of  
Engine Room...  
as above Navigation Spaces  
Register Tonnage  
as cut on Beam...

LENGTH on Deck as  
per Rule...  
breadth, 21.15 depth, 9.28  
Moulded Depth, 10 ft. 3 ins. Round of Beam, Actual 6 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.	20ths per Rule.
FRAME, Angles, Bars, for 1/2 length amidships		4	3	8	4	3	8
Do. for 1/2 at each end		4	3	7	4	3	7
Do. in way of Double Bottoms at Solid Floors.							
" " at intermdt. Bkts.							
spacing of Frames from centre to centre							
REVERSED FRAME, Angles		4	3	8	4	3	8
DEEP FRAMING, depth of		16	3	6	16	3	6
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		4	3	8	4	3	8
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms							
" " state if flanged (top & bottom)							
" " Spacing							
CENTRE GIRDER, in Double Bottom, depth and thickness							
" " Angles, Top							
" " Bottom							
SIDE 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							
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		4	2 1/2	6	4	2 1/2	6
" Angles on Upper Edge		21			21		
" Spacing							
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb		4 1/2	3	7	4 1/2	3	6
" Angles on Upper Edge		42			42		
" Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		4 1/2	3	7	4 1/2	3	7
" Angles on Upper Edge		42			42		
" Spacing							
PILLARS, In 'tween Decks, Size and Spacing		2 3/8"			2 3/8"		
" " Hold							
" " Quarter, 'tween Dks., "							
" " in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
" " Brdth. & Thickness							
" " No. of Side Stringers							
WEB FRAMES, In E. & B. Space, No. & 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 per Rule.
KEEL, Bar or Side Plates depth and thickness		6 x 1 1/2	6 x 1 1/2
STEM, moulding and thickness		6 x 2 1/2	6 x 2 1/2
STERN-POST for Rudder do. do.		6 x 2 1/2	6 x 2 1/2
" for Propeller		4"	4"
MAIN PIECE of Rudder, diameter at head do. at heel		3"	3"
RUDDER, how constructed		Built Single plate 16"	
Can the Rudder be unshipped afloat?		Yes	
KEELSONS AND STRINGERS.		Inches in Ship.	Inches per Rule.
CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate		20 1/2	7 1/2
" Bulb Plate to Intercoastal Keelson		5	4 8/7
" Horizontal Plates on Floors		10	7 10
" Angles ON BOTTOM		3	3 6
SIDE KEELSON, Angles SINGLE		5	4 8/7
" Bulb or Plate above floors for lng.			
" Intercoastal Plate for full length		3	3 6
" Attached to outside plating with Angle			
BULGE KEELSON, Angles			
" Bulb or Plate above floors for lng.			
" Intercoastal Plate for length			
" Attached to outside plating with Angle			
SIDE BULGE STRINGER Angles D.R.Q.Dk.		5	4 8/7
" Bulb Plate for length			
" Intercoastal Plate for full length		3	3 6
" Attached to outside plating with Angle			
SIDE STRINGER Angles D.M.A.N.Dk.		5	4 8/7
" Bulb or Intercoastal Plate for lng.			
" Attached to outside plating with Angle			
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		48-16	7-5
" Angle on ditto		3 x 3 x 6	3 x 3 x 6
" Tie Plates, outside Hatchways		Stringer	
" Diagonal Tie Plates on Bms., No. of Pairs			
" Main Dk* Iron or Steel for full lng.		7-5	7-5
" R.Q.Dk* Iron or Steel for lng.			
Raised Quarter Deck, Material & thickness			
Lower Deck Stringer Plate, breadth and thickness		60-17	6-5
" Angles on ditto		3 x 3 x 6	3 x 3 x 6
" Tie Plates, outside Hatchways		Stringer	
" Deck* Material and thickness		Steel full	5
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		21	5
" Angle on ditto		2 1/2 x 2 1/2	5
" Tie Plates IN CENTRE		41	5
" Deck, Material and thickness		2 1/2 P.PINE	2 1/2 P.PINE
Forecastle Deck Stringer Plate, brdth & thcknss		24	5
" Angle on ditto		2 1/2 x 2 1/2	5
" Tie Plates IN CENTRE		42	5
" Deck, Material and thickness		2 1/2 P.PINE	2 1/2 P.PINE

BULKHEADS.		Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.			Horizontal, Size, Spacing.	Vertical, Size, Spacing.	
W.T. BULKHEADS	3	3	5"	none	3 x 3 x 30	30 Single Deck
PARTITION "						
LONGITUDINAL						

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PLATING. RIVETING. BUTTS. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. UPPER EDGES. Ordinary or Joggled? Ordinary. Double or Treble and for what Length. RIVETS. Diam. Spacing or to cr. STRAPS. Breadth. Thickness. IF LAPPED. Breadth. For what Length. Write 'Sheer Strake' opposite its corresponding letter. FLAT PLATE KEEL... (If Bar Keel, state Riveting). GARBOARD or A Strake... B... C... D... E... SHEER F... R.P.D. G... H... J... K... L... M... N... O... P... DOUBLING of Flat Plate Keel Length and thickness of Bilges... of Sheerstrakes... 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.: Plates - 17th Beadmore Co., Steel Co. of Scotland, Bars - Glasgow S. & S. Co., Lanarkshire Steel Co., Steel Co. of Scotland, A. Colville & Sons. Has the Steel been tested as required by the Rules? Yes. FRAMES extend in one length from Keel to Main R.P.D. & Forecastle S. REVERSED FRAMES on floors and frames extend from Floors flanged on top except in E.O.R. space where reverse frames are straight across. state if ordinary or joggled Joggled. state if ordinary or joggled. MASTS, SPARS, &c. LOWER MASTS... Fore... Main... Mizzen... Bowsprit... Topmasts, Yards and Remainder of Spars... Rigging, Material and Size, Shrouds... Fore Mast 5 @ 2 1/4" Nique 2 @ 2 1/2" Steel wire Stays Fore stay 3" Nique fore 2 1/4" 5 Nique Sails... one Suit of Canvas Sails and the following spare sails none. Equipment No. 5291 Letter C. ANCHORS. Tonnage U.Dk. or Plating No. for Trawlers. CHAIN CABLES. HAWSERS AND WARPS. Boats 2 Lifeboats Pumps, Number two Windlass is 3 & 4 McOrie's Iron hand Diameter of Barrel 12 1/2" State whether they are in efficient working order Yes Capstan 3 & 4 McOrie's Patent hand fitted aft. Engine Room Skylights - How constructed? Leak What arrangements for deadlights in bad weather? Strong glass bullseyes Coal Bunker Openings - How constructed? Cast iron How are lids secured? Lided Height above deck? Flush Number of Scuppers, and number and dimensions of Freeing Ports, &c. Scuppers 3 on each side of hull 2 on each side of R.P.D. Ceiling in Holds, thickness and material 2" P. Pine Cargo Battsens, thickness and material 6" 2" N. Pine Cargo Hatchways - How formed? Steel plates and angles Hatches - If strong and efficient? Yes 2 1/2" solid State size No. 1 Hatch (Forward) 40' 6" x 13' 2" No. 2 Hatch No. 3 Hatch No. 4 Hatch Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch 4 Web plates + 3 fore + afters No. of Breasthooks two No. of Crutches 2 on each side Bulwarks, height above deck and description 3' 7" steel, 6" 1/2" steel plate slaps Main Rail and Stays, material and size 6" 3/4" 2" B.R. The above is a correct description. Builder's Signature (here only). Surveyor's Signature Matthew Blackwood Surveyor to Lloyd's Register of British and Foreign Shipping. Rpt. 1A.



Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case.)

E. 19.8.08 M 27.7.08 - 4.8.08 - 23.9.08 - Copy of letter to Hull Surveyors 22.5.08

Workmanship. Are the butts of plating planed or otherwise fitted? *Overlapped*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Frames joggled*

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? *or overlapped? 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 under special survey in accordance with the approved plans forwarded herewith (Dundee R.P. 42744). The Secretary's letters referred to above and in general conformity with the Rules for the class contemplated. The materials & workmanship are sound & good.*

*To complete the survey the following work remains to be done: Machinery to be fitted on board. Engine & Boiler casing top to be riveted &c. and the necessary piddling to be fitted in the machinery space. Which work is to be carried out at Hull, for which port the vessel has left Dundee.*

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 *40.75* ft., Bridge Dk *8.75* 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 *The*

*Raised Quarter deck is connected to the Bridge*

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) *105 STL + Deep Framing*

Official No. ; Signal Letters

State if Machinery is fitted aft *mach aft*

How are the surfaces preserved from oxidation? Inside *Portland Cement + 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. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		<i>26.5</i>
Double bottom, under Engines and Boilers,			After peak tank,		<i>12</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,			Other tanks, if fitted,		

Total capacity of double bottom ☒

State whether the above have been tested as required by the Rules *Yes.*

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *802*  
Date *24th Aug 1908*  
No. *205* in builder's yard.  
DATES of Surveys held while building  
*Aug 5. 12. 14. 17. 19. 25. 31. Sept. 1. 4. 7. 10. 15. 16. 26. 30. Oct. 6. 12. 13. 14. 16. 20. 21. 26. 28. 30.*  
*Nov. 3. 7. 10. 11. 12. 13. 14. 18. 29. 20. 21. 23. 24. 25.*

Total No. of Visits *39*

The amount of Entry Fee .....£ *2* : - : -

Fees applied for,

Special.....£ *10* : *16* : -

Received by me, *B. J. 8/1/1909*

Travelling Expenses, if any £ : : -

Certificate to be sent to *Dundee.*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *A 100 A.1*

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

*Matthew Blackwood*

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

Committee's Minute

Character assigned

FRI. 18. DEC 1908

TUES 22 DEC 1908

*Casualty to be noted on Certificate as in the case of*

*SS Tiger*

*W. B. B. B.*

*Lineds R. G. B. P.*

*+ Lmb. 12.08*

*W. B. B. B.*



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For endorsement on Cert. See Self attached

W758-0025 (2012)