

With or Without

STEEL STEAMER.

Received at London Office.

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel. *Yes.*Date of completion of report *19th December 1910* Port of *Dundee* No. *7566*
Survey held at *Dundee* Date, First Survey *19th April* Last Survey *12th December 1910*
On the *Steel Screw Steamer "TINTO"* Rig *Schooner*

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop
Do. of Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of
Engine Room...
Gross Tonnage
Less Crew Space
Less above Crown of
Engine Room...
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Register Tonnage
as per Rule...

CLASS *100A.1*
Breadth (greatest moulded) 32.0
Depth, at middle of length from top of keel to top of upper deck beams at side 14.5
Transverse Number 46.5
Length on deck from fore part of stem to after part of stern post 200.0
Longitudinal Number 9300
Depth "d" at middle of length (See Secs. 2 & 13) 12.115
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 13.7
" " Long Bridge Deck Beam at side to top of keel 9.09

Master *✓*
Year of appointment *(1) As Master in service of owner of present vessel:—19 (2) As Master of this vessel:—19*
Built at *Dundee*
When built *1910* Launched *3rd Nov 1910*
By whom built *Dundee S.B.C. & Co*
Owners *Thos. Wilson & Son Ltd*
Managers *✓*
Residence *Hull*
Port belonging to *Hull*

Destined Voyage

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

LENGTH on Deck as per Rule 200 0 Breadth Moulded 32 0 Depth, ACTUAL—Top of Floors to top of Upper Dk. Beams 13 7 1/2 No. of Decks with flat laid one No. of Tiers of Beams one
Moulded depth, ft. 22 ins. 0 To Bridge Dk. Round of Upper 8 ins.
Moulded depth, ft. 14 ins. 6 To Upper Dk. Dk. Beam, Actual

Dimensions of Ship per Register, Length 200.1 breadth 32.15 depth 13.45

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles or Bars amidships	5 1/2	3	36	5 1/2	3	36
Do. in peaks	5 1/2	3	36	5 1/2	3	36
Do. in way of Double Bottoms at Solid Floors...	3	3	3	3	3	3
at intermdt. Bkts.	4 1/2	3	32	4 1/2	3	32
Spacing of Frames from centre to centre amidships	22 1/2		22 1/2			
" " length to Collision bulkhead	22 1/2		22 1/2			
" " in peaks	3	3	3	3	3	3
REVERSED FRAME, Angles...						
FRAMING, depth of girder	18 1/2		35	18 1/2		35
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships...			4			4
" in way of Engine and Boiler Spaces			3			3
" depth at 1/2 the half breadth, as per Rule			Straight to 2 1/2 at side			
height extended at the Bilges			3			3
FLOORS & BRACKETS in Cell Dble Bottoms						
" state if flanged (top & bottom)	not flanged					
" Spacing	22 1/2		22 1/2			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	32		4	34		32
" Angles, Top	5 1/2	3	44	5 1/2	3	44
" Bottom	5 1/2	3	44	5 1/2	3	44
" to Floors	3	3	3	3	3	3
SIDE GIRDERS, number on each side & thickness state if flanged (top and bottom)	0		3	0		3
" Angles	not flanged		3			3
MARGIN PLATE, depth (exclusive of flange) and thickness	21		34	21		34
" Angles to Outside Plating	3 1/2	3 1/2	34	3 1/2	3 1/2	34
" Floors	3	3	3	3	3	3
" Height of Brackets above at bilge	40		8			40
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	32		38	32		38
" in Engine and Boiler space			34			34
" Remainder in Holds			3	28		3
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34	5 1/2	3	34
" Angles on upper edge	5 1/2	3	34	5 1/2	3	34
" Spacing	22 1/2		22 1/2			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	3	4	3	3
" Angles on upper edge						
" Spacing	22 1/2		22 1/2			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34	5 1/2	3	34
" Angles on upper edge	21		6			21
" Spacing	22 1/2		22 1/2			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	46	7 1/2	3	46
" Angles on upper edge	46		45			46
" Spacing						
PILLARS, In 'tween Deck, size and spacing	3	3 1/2	3	3 1/2		4
" Hold						
" Quarter 'tween Dks.,	4	at hatch ends				4
" in Hold						
WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness						
" No. of Side Stringers	1	25	3	25		37
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness	14		3	14		3
WEB-FRAMES, In After Body, No. and spacing brdth. & thickness						
" No. of Side Stringers	5	3	48	5	3	48
" Size of Face Angles to Web-Frames						
BRACKET PLATES to Stringers between Web Frames, depth and thickness						

FORGINGS or CASTINGS.

	Inches in Ship	Inches per Rule
KEEL, Bar, depth and thickness	6 1/2 x 2	6 1/2 x 2
STEM, moulding and thickness	6 x 4 1/4	6 x 4 1/4
STERN-POST for Rudder do. do.	6 1/2 x 4 1/4	6 1/2 x 4 1/4
for Propeller		
RUDDER—A x D* Table 22	6	6
" Main-Piece, diameter at head	4 1/2	4 1/2
" " at heel		

RUDDER, how constructed *Single plate* 92
Can the Rudder be unshipped afloat? *Yes*

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	23		38	23		38
" Rider Plate						
" Flat Plate Keel Angles	12		38	12		38
" Horizontal Plates on Floors	4	3	36	4	3	36
" Angles or Bulb Angles	3 1/2	3 1/2	42	3 1/2	3 1/2	42
SIDE KEELSONS, Number	6	3	56	6	3	56
" Angles or Bulb Angles						
" Plate above floors, for full length			34			34
" Intercoastal Plate, for full length	3	3	34	3	3	34
" Attached to outside Plating with Angle	6	3	56	6	3	56
BILGE KEELSON, Angles						
" Intercoastal Plate for full length	3	3	34	3	3	34
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number						
" Angle						
" Intercoastal Plate, for full length						
" Attached to outside plating with Angle						

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	82-19	48-38	50-19	48-38
" " " (in way of Bridge)	80-19	4	50-19	36-34
" " " Angle (clear of Bridge)	4 x 4	52	4 x 4	52
" " " Tie Plates at sides of Hatchways				
" Deck * Iron or Steel, for full length			4	4
" Thickness (clear of Bridge)			28	28
" " (in way of Bridge)				
" Wood Deck. Material & thickness				

Second Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck * Iron or Steel, for full length				
" Wood Deck. Material & thickness				

Third Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates, outside Hatchways				
" Deck * Material and thickness				

Fourth and Fifth Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck. Material & thickness				

Poop Deck Stringer Plate, breadth & thickness	78-20	3/8	42-18	3/8
" Angle on ditto	3 1/2	3 1/2	44	3 1/2
" Tie Plates			3/8	25
" Deck. Material and thickness				

Bridge Deck Stringer Plate, br'dth & thickness				
" Angle on ditto				
" Tie Plates				
" Deck. Material and thickness				

Forecastle Deck Stringer Plate, br'dth & th'kns	37		28	18
" Angle on ditto	3 1/2		28	3 1/2
" Tie Plates			4	28
" Deck. Material and thickness				

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

BULKHEADS.	Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
			Horizontal.	Vertical.		
	Vessel.	Per Rule.	Size.	Spacing.		
W. T. BULKHEADS	4	4	28	26		
COLLISION						
PARTITION						
LONGITUDINAL						
Are the outside Plates doubled two spaces of Frames in length?						
Are the Sluice Valves and Watertight Doors in efficient working order?						

PLATING.										RIVETING.																			
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.														
STRAKES.					AMIDSHIP.					SINGLE OR DOUBLE.					BUTTS.														
AMIDSHIP.					FORWARD.					AFT.					BUTTS.														
Breadth.					Thickness.					Breadth.					Thickness.														
FLAT PLATE KEEL OUT.										Double										Single									
GABBOARD OR A STRAKE...										Double										Single									
B										Double										Single									
C										Double										Single									
D										Double										Single									
E										Double										Single									
F										Double										Single									
G										Double										Single									
H										Double										Single									
I										Double										Single									
J										Double										Single									
K										Double										Single									
L										Double										Single									
M										Double										Single									
N										Double										Single									
O										Double										Single									
P										Double										Single									
Q										Double										Single									
R										Double										Single									
S										Double										Single									
DOUBLING OF FLAT PLATE KEEL										Double										Single									
Sheerstrakes										Double										Single									
Length and thickness.										Double										Single									
POOP SIDES										Double										Single									
SHORT BRIDGE SIDES										Double										Single									
FORECASTLE SIDES										Double										Single									
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.										Upper Deck Butts, riveted for										length amidship.									
Plating, &c. ?										Second Deck Butts, riveted for										length amidship.									
Butts of Side Stringers, single or overlapped for										Tie Plates										riveted.									
Inner Bottom Plating, riveting of Edges										Keelson Butts, riveted.										riveted.									
Centre Girder Butts, riveted										Frames, riveted through Plates with										in Rivets, about									
Rivets, state whether Iron or Steel										Rivets, state whether Iron or Steel										Rivets, state whether Iron or Steel									
FRAMES extend in one length from										to Deck or Keelson										State if ordinary or jogged									
REVERSED FRAMES on floors and frames extend from										to Deck or Keelson										State if ordinary or jogged									
MASTS, SPARS, &c.										MASTS, SPARS, &c.										MASTS, SPARS, &c.									
LOWER MASTS										LOWER MASTS										LOWER MASTS									
Bowsprit										Bowsprit										Bowsprit									
Topmasts, Yards and Remainder of Spars										Topmasts, Yards and Remainder of Spars										Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds										Rigging, Material and Size, Shrouds										Rigging, Material and Size, Shrouds									
Sails										Sails										Sails									
EQUIPMENT No. 10510 LETTER										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate										Weight, Ex. Stock										Weight of Stock									
36673										36673										36673									
36671										36671										36671									
36672										36672										36672									
36644										36644										36644									
36645										36645										36645									
CHAIN CABLES.										CHAIN CABLES.										CHAIN CABLES.									
Number of Certificate										Length and size supplied										Length and size supplied									
37611										37611										37611									
Iron (Stream)										Iron (Stream)										Iron (Stream)									
Boats 2 Life Boats										Boats 2 Life Boats										Boats 2 Life Boats									
Pumps, Number										Pumps, Number										Pumps, Number									
Windlass is										Windlass is										Windlass is									
Engine Room Skylights										Engine Room Skylights										Engine Room Skylights									
What arrangements for deadlights in bad weather?										What arrangements for deadlights in bad weather?										What arrangements for deadlights in bad weather?									
Coal Bunker Openings										Coal Bunker Openings										Coal Bunker Openings									
Number of Scuppers, and numbers and dimensions of										Number of Scuppers, and numbers and dimensions of										Number of Scuppers, and numbers and dimensions of									
Ceiling in Holds, thickness and material										Ceiling in Holds, thickness and material										Ceiling in Holds, thickness and material									
Cargo Hatchways										Cargo Hatchways										Cargo Hatchways									
State size No. 1 Hatch (Forward)										State size No. 1 Hatch (Forward)										State size No. 1 Hatch (Forward)									
Number of Web Plates, Shifting Beams and										Number of Web Plates, Shifting Beams and										Number of Web Plates, Shifting Beams and									
Bulwarks, height above deck and description										Bulwarks, height above deck and description										Bulwarks, height above deck and description									
This above is a correct description.										This above is a correct description.										This above is a correct description.									
Builder's Signature										Builder's Signature										Builder's Signature									

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *See letters E 1.7.10 M. 14.4.10 - 27.4.10 - 23.5.10 - 25.11.10*

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? *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? *No*

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. 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.) *This vessel has been built under Special Survey in accordance with the approved plans forwarded herewith. The materials and workmanship are sound and good.*

This vessel has left this Port for Hull, where the following work requires to be done to complete the Survey. viz: Machinery to be fitted on board. Casings, decks, & tunnel left loose for same to be riveted up, and tunnel to be tested. Full particulars of tonnage to be obtained. Steam steering gear to be fitted complete. The Hull Surveyors have been advised accordingly.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *20.5* ft., R.Q.D. *✓* ft., Bridge *28.25* ft., Forecastle *28.25* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop and Bridge 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 Dth STL. 2 DEEP FRAMING*

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

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. *Cellular.*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Feet.	Tons.	Feet.	Feet.	Tons.	
Double bottom, aft, and	45	68	Fore peak tank.		29
Double bottom, under Engines and Boilers.			After peak tank.		11
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	68		(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. *818*

Date *25 April 1910*

No. *218* in builder's yard.

DATES OF SURVEYS held while building *April 19. 29. May 9. 10. 16. 18. 24. 27 June 3. 7. 10. 15. 17. 21. 23. 25 July 18. 20. Aug. 2. 4. 7. 20. 23. 26. 29. 31 Sep. 1. 8. 12. 28. Oct. 5. 7. 12. 13. 17. 19. 22. 31 Nov. 3. 7. 9. 16. 24. 28. 29 Dec. 5. 6. 7. 9. 12*

Total No. of Visits *50*

The amount of Entry Fee £ *3* : - - -

Special Survey Fee ... £ *32* : *16* : *6*

Travelling Expenses, if any £ : : - - -

Fees applied for, 19 - - -

Received by me, *14/11/19*

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

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

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

Committee's Minute

Character assigned *100A1*

Ships reg. O. + Lmb 1.11

W. N.

Matthew Blackwood

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

TUE. 31 JAN 1911

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