

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

# IRON OR STEEL STEAMER.

MUN 10 OCT 1898

No. 6424

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

Date of completion of Report 8<sup>th</sup> October 1898

Port of *Dundee*

Date, First Survey 19<sup>th</sup> March

Last Survey 1<sup>st</sup> October 1898

Survey held at *Dundee*  
the *Steel Screw Steamer Active*

Rig *Schooner*

Master *Robert Ling*

E under *202.48*

ONE OR TWO DECKED VESSEL.

CLASS *100 AI "steel"*  
*"well deck"*

Year of appointment *1897*  
*As master in service of*  
*owner of present vessel:—18*  
*(2) As master of this*  
*vessel 18 98*

o. of Bridge House *8.81*  
Forecastle *7.86*  
ouses on Deck *8.09*  
cess of Hatchways *19.72*  
ove Crown of *288.48*  
ine Room *25.62*  
ess Tonnage *19.72*  
Crew Space *243.13*  
ess above Crown of *159.72*  
Engine Room *12.95*  
NNAGE FOR FEES  
ess Engine Room  
ess Navigation Spaces

Half Breadth (moulded) *11.25*  
Depth from upper part of Keel to top of Main Deck Bms. *10.83*  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) *20.25*  
1st Number *42.33*  
Length on deck from after part of stem to fore part of stern post *129.5*  
2nd Number *5481.7*  
Proportions—Breadths to Length *5.75*  
Depths to Length—Main Deck to top of Keel *11.95*  
Destined Voyage *Aberdeen* If Surveyed while Building, Afloat, or in Dry Dock *yes*

Built at *Dundee*  
When built *1898* Launched *31<sup>st</sup> August*  
By whom built *Dundee S. B. & Co. Lim.*  
Owners *J. B. Knapton*  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence *London*  
Port belonging to *London*

Register Tonnage *90.2*  
cut on Beam

LENGTH on Deck as *Feet. 129 Inches. 6*  
er Rule *BREADTH—Feet. 22 Inches. 6*  
Moulded *DEPTH, ACTUAL—Feet. 9 Inches. 10*  
Top of Floors to top of Main Deck Beams  
Dimensions of Ship per Register, Length, *130.5* breadth, *22.6* depth, *9.4* Moulded Depth, *10* ft. *4* ins. Round of Beam, Actual *6* ins.

## FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, $\square$ , $\square$ or $\square$ Bars, for $\frac{3}{4}$ length amidships	3	2½	5	3	2½	5
Do. for $\frac{1}{2}$ at each end	3	2½	5	3	2½	5
Do. in way of Double Bottoms at Solid Floors	✓			✓		
" " at intermdt. Bkts.	✓			✓		
Distance of Frames from moulding edge to moulding edge, all fore and aft	21		21			
EVERSED FRAME, Angles	2½	2½	5	2½	2½	5
DEEP FRAMING, depth of girder	✓			✓		
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{3}{4}$ length amidships	12	6	12	6		
" in way of Engines and Boilers		6-7-8		6-7-8		
" thickness at the ends of vessel	7		6		5	
" depth at $\frac{3}{4}$ the half breadth, as per Rule	24		24			
" height extended at the Bilges	✓			✓		
LOOPS & BRACKETS, in Cell Dble Bottoms	✓			✓		
" Distance apart	✓			✓		
ENTRE GIRDER, in Double Bottom, depth and thickness	24	8	24	8		
" Angles, Top <i>South</i>	3½	3½	7	3½	3½	7
" " Bottom <i>South</i>	3½	3½	7	3½	3½	7
" " " "	✓			✓		
IDE GIRDERS, number on each side & thickness	Two	6	Two	6		
" Angles	3½	2½	6	3½	2½	6
MARGIN PLATE, depth (exclusive of flange) and thickness	20	6	18	6		
" Angles to Outside Plating	3	3	7	3	3	7
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	7	36	7-6		
" " thickness in Engine and Boiler space	none					
" " Remainder in Holds	6		6			
BEAMS, Main and Raised Quarter Deck, Single Angle, <i>Bulb Angle, Plate, or Tee Bulb</i>	4	2½	6	4	2½	6
" Angles on Upper Edge	✓			✓		
" Average space	21		21			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓			✓		
" Angles on Upper Edge	✓			✓		
" Average space	✓			✓		
BEAMS, Hold, Plate or Tee Bulb	✓			✓		
" Angles on Upper Edge	✓			✓		
" Average space	✓			✓		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓			✓		
" Angles on Upper Edge	✓			✓		
" Average space	✓			✓		
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	4	3	6	4	3	6
" Angles on Upper Edge	✓			✓		
" Average space	42		42			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	7
" Angles on Upper Edge	✓			✓		
" Average space	42					
PILLARS, In 'tween Decks, Size and Spacing	2½ x 42		2½			
" " 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	7 x 1½	7 x 1½
STEM, moulding and thickness	6 x 1½	6 x 1½
STERN-POST for Rudder do. do.	6 x 3	6 x 3
" for Propeller	6 x 3	6 x 3
MAIN PIECE of Rudder, diameter at head	4 dia.	4"
do. at heel	2½	2½

RUDDER, how constructed *Build frame 1½" single plate*  
Can the Rudder be unshipped afloat? *no*

## KEELSONS AND 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	12	6	10	12	6	10
" Bulb Plate to Intercoastal Keelson	✓			✓		
" Horizontal Plates on Floors	✓			✓		
" Angles	3	3	6/16	3	3	6/16
SIDE KEELSON, Angles	✓			✓		
" Bulb or Plate above floors for length	steel			steel		
" Intercoastal Plate for 3 spaces into 28	2½	2½	5	2½	2½	5
" Attached to outside plating with Angle	✓			✓		
BILGE KEELSON, Angles	5	4	8	5	4	8
" Bulb or Plate above floors for 3/5 aft len.	5½		5/16	5½		5/16
" Intercoastal Plate for 3 spaces in D. length	steel			steel		
" 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	5	4	8	5	4	8
" Bulb or Intercoastal Plate for 4 spaces into 28	5½		5	5½		5
" Attached to outside plating with Angle	✓			✓		

Main and Raised Quarter Deck Stringer Plate, breadth and thickness *main 62 RQD 55*  
Angle on ditto *3 x 3 x 6*  
Tie Plates fore & aft, outside Hatchways *✓*  
Diagonal Tie Plates on Bms., No. of Pairs *✓*  
Main Dk\* Iron or Steel for full lng. *chequered 5/16*  
R. Q. Dk\* Iron or Steel for full lng. *20 5/16*  
Wood Deck, Material & thickness *✓*

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 Deck Stringer Plate, brdth & thickness *15- 5- 15- 5-*  
Angle on ditto *2½ x 2½ x 5- 2½ x 2½ x 5-*  
Tie Plates *9 7 6 5-*  
Deck, Material and thickness *2½ 2½*

Forecastle Deck Stringer Plate, brdth & thcknss *steel 5- 5-*  
Angle on ditto *✓*  
Tie Plates *sheathed*  
Deck, Material and thickness *p. pine 2½ 2½*

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

	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
BULKHEADS.	In Vessel.	Per Rule.	Horizontal.	Vertical.	
W.T. BULKHEADS	3-3	5-	3-2½ x 5-	48 3-2½ x 5-	30 866 Deck
PARTITION	✓				
LONGITUDINAL	✓				
Are the outside Plates doubled two spaces of Frames in length?	yes				
Are the Stairs Valves and Watertight Doors in efficient working order?	none				



PLATING.						RIVETING.															
AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.			BUTTS.												
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		RIVETS.		Double or Treble riveted for what length.		RIVETS.		STRAPS.		IF LAPPED.	
Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Inches.	Diam.	Spacing cr. to cr.	Inches.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	Feet.			
Write "Suez Strake" opposite its corresponding letter.																					
Flat Plate Keel ..... (If Bar Keel, state Riveting) Keel Double																					
Garboard or A Strake B in 48 6 5 3 47 6 4 1/2 3 3 Double 3/4 2 9/8 9 8 ✓																					
State actual thickness in copy of Double Bottom. C out 40 7 6 6 39 7 4 1/2 3 3 Treble 3/4 2 9/8 9 8 ✓																					
D in 48 8 5 5 39 8 4 1/2 3 3 "																					
E out 36 7 6 6 39 7 4 1/2 3 3 Single 2 1/2 3 3 Treble 3/4 2 9/8 9 8 ✓																					
F in 41 1/2 6 5 5 41 6 4 1/2 3 3 Double 4 1/2 3 3 "																					
Sheer G out 34 9 7 7 34 9 4 1/2 3 3 "																					
H "																					
J "																					
K "																					
L "																					
M "																					
N "																					
O "																					
P "																					
Doubling of Flat Plate Keel																					
Length of Bilges ..... Doubled 1/2 for 26 ft 3 in in way of break R.D.D.																					
of Sheerstrakes ..																					
of Strake below																					
POOP SIDES																					
RAISED QUARTER DECK SIDES 32 6/8 = 1/2 at Break R.D.D. 6																					
BRIDGE SIDES 3/8 = 1/2 at front of Hdg. 5																					
FORECASTLE SIDES 5/8 5																					
LENGTHS OF PLATING..... 8 frame spaces																					
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: D. Colville & Sons; Bars: - Steel Co of Scotland; Smith & Co & D. Colville & Sons (Glenview - Martin Steel)																					
Has the Steel been tested as required by the Rules yes																					
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? yes																					
Inner Bottom Plating, riveting of Edges Single Butts Single																					
Centre Girder Butts Lap Double riveted. Keelson Butts, Awash, treble riveted.																					
Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart.																					
Rivets, state whether of Iron or Steel iron																					
FRAMES extend in one length from Keel to under side of deck stringer plates of main, R.D., & forecastle decks.																					
REVERSED FRAMES on floors and frames extend from 1st forecastle & bulkhead forecastle altar? In hull to upper turn of bilge and every 4th to main deck; In way of R.D. to deck and side stringer alternately; Double in S & P space																					
MASTS, SPARS, &c.																					
Material. Total length. DIAMETER AND THICKNESS. No. of Plates in round. ANCHORS. RIVETING.																					
At Partners. Heel. Round. Head. Number. Size. Seams. Butts.																					
LOWER MASTS.... Fore .... Steel 44'-9" 14 1/2 - 1/4 12 1/2 - 1/4 11 - 1/4 6 - 1/4 2 ✓ ✓ Single Treble																					
Main .... Wood																					
Mizen ....																					
Bowspit																					
Topmasts, Yards and Remainder of Spars																					
Rigging, Material and Size, Shrouds Fore 2 3/4, Main 2 1/2 Steel wire Stays Fore 3", Main 2 1/2 Steel wire																					
Sails. one Suit of Sails and the following spare sails																					
EQUIPMENT No. 5860 LETTER D TONNAGE FOR TRAWLERS U.D.K.																					
ANCHORS.																					
Number of Certificate. Anchors. WEIGHT, EX STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 22. Description of Anchor. Makers. Where and when tested and Superintendent.																					
Cwts. qrs. lbs. Tons. Cwts. qrs. lbs. Cwts. qrs. lbs.																					
34419 1st Bower .. 8 1 0 387 10 7 2 0 7 1 0 Hartshorn's Pat. E. Finch & Co R.W.C-27-9-98																					
34420 2nd ,, .. 6 3 0 324 9 0 0 0 7 0 0 do E. Finch & Co R.W.C-27-9-98																					
3rd ,, .. 6 3 0 324 9 0 0 0 7 0 0 do E. Finch & Co R.W.C-27-9-98																					
Collective weight 15 0 0 14 1 0																					
33738 Stream .... 1 2 0 1 17 3 18 3 0 1 2 0 Lion Hook E. Finch & Co R.W.C-18-6-98																					
Kedge ..... 3 22 With stock 3 0																					
CHAIN CABLES.																					
HAWSETERS AND WARPS.																					
Number of Certificate. Fathoms. Size. Test per Certificate. TONS. Supplied. Per Table 22. Fathoms and Size Per Table 22. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size Per Table 22.																					
13737 165 7/8 20 1/4 64-1-14 64-1-11 165-14 Stud E. Finch & Co R.W.C-27-9-98 H.I. Wilford 90-6 3/4 75-6 1/2																					
Iron Stream Chain or Steel Wire ... 45 2 1/2 12 1/2 Steel Wire 45-2 1/2 S.W. 90-4 90-4 90-4 90-4																					
Boats Three																					
Pumps, Number 2 Diameter of Barrel 1 = 3"																					
Windlass is Cammerson Walkers iron hand & "Kessinger" chain windlass Capstan State whether they are in efficient working order yes																					
Engine Room Skylights.—How constructed? Teak																					
What arrangements for deadlights in bad weather? Strong wire gratings and tarpaulin																					
Coal Bunker Openings.—How constructed? W. steel pipes How are lids secured? Deep lids Height above deck? 16"																					
Number of Scuppers, and number and dimensions of Freeing Ports, &c. 4 Scuppers & 3 ports 30"x21" on each side																					
Ceiling in Holds, thickness and material 2 1/2" W. pine Ceiling 'tween Decks, thickness and material ✓																					
Cargo Hatchways.—How formed? Plates and angles Hatches.—If strong and efficient? yes, 2 1/2 solid																					
State size No. 1 Hatch (Forward) 12'3"x10'-0" No. 2 Hatch 22'-9"x12'-0" No. 3 Hatch 30"x24" No. 4 Hatch																					
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch 9 1/2 = one fore & after; 4 1/2 = 2 webs - 3 fore & afters																					
Bulk 5 x 9/16 No. of Breasthooks 2 No. of Crutches 1 x deep floor																					
Bulkheads, height above deck and description 2 ft 6 in iron plate Main Rail, material and size 5 x 2 1/2 x 1/2 steel Bulk angle																					
The above is a correct description.																					
Builder's Signature (here only.) J.E. Jones Surveyor's Signature W.B. Morrison																					
Surveyor to Lloyd's Register of British and Foreign Shipping.																					