

2 Decks.

IRON OR STEEL STEAMER.

Received at London Office

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

Date of completion of Report 9th September 1891 Port of Dundee

No. 5637 Survey held at Dundee

Date, First Survey 12th December

Last Survey 9th September 1891

On the Iron Screw Steamer *Seymour*

Rig Schooner

Master Wills

TONNAGE under Tonnage Deck... 1165.82

ONE OR TWO DECKED VESSEL.

Year of appointment

Built at Dundee

When built 1891

By whom built W. B. Thompson & Co. Ltd.

Owners General Steam Navigation Co

Managers

Residence London

Port belonging to London

No. of Poop 98.31

No. of Raised Or. 151.12

No. of Bridge House 92.50

No. of Houses on Deck 18.24

No. of excess of Hatchways 127.41

No. of Forecastle 1659.89

No. above Crown of Engine Room 54.05

Gross Tonnage 1005.84

Less Crew Space 795.24

Navigation Spaces 7.84

Net Tonnage 802.96

CLASS 100 A1

Half Breadth (moulded) 18.75

Depth from upper part of Keel to top of Main Deck Bms. 18.58

Girth of Half Midship Frame (as per Rule) 32.95

1st Number 70.28

Length 278.5

2nd Number 19572

Proportions—Breadths to Length 7.4

Depths to Length—Main Deck to top of Keel 14.98

Destined Voyage Granton

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

DEPTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
per Rule	278	6	Moulded	37	6	Top of Floors to Main Deck	16	2	Engines	450	Two

Dimensions of Ship per Register Length 280 breadth 37.75 depth 16.2

Moulded Depth, ft. 17 ins. 9 1/2

Round of Beam 2 inches.

FORGINGS AND CASTINGS.

1. Bar or Side Plates depth and thickness

2. Moulding and thickness

3. POST for Rudder do. do.

4. for Propeller

5. PIECE of Rudder, diameter at head

6. do at heel

7. Rudder, how constructed

8. Rudder be unshipped afloat?

FRAMING.

1. IE, Angles, on 7 Bars, for 1/2 length amidships

2. for 1/2 at each end

3. in way of Double Bottoms

4. ce of Frames from moulding edge to

5. lding edge, all fore and aft

6. RESED FRAME, Angles

7. RS, depth and thickness of Floor Plate

8. at mid-line for 1/2 length amidships

9. in way of Engines and Boilers

10. thickness at the ends of vessel

11. depth at 1/2 the half breadth, as per Rule

12. height extended at the Bilges

13. RS & BRACKETS, in Cell Dble Bottoms

14. Distance apart

15. RE GIRDER, in Double Bottom, depth

16. and thickness

17. Angles, Top 4 x 4 x 9/16 Bottom

18. GIRDERS, number and thickness

19. Angles

20. IN PLATE, depth (exclusive of flange)

21. and thickness

22. Angles

23. 2 BOTTOM PLATING, breadth and

24. thickness of Middle Line Strake

25. thickness in Engine and Boiler space

26. Remainder in Holds

27. IS, Main and Raised Quarter Deck,

28. Angle Angle, Bulb Angle, Plate or Tee Bulb

29. Angles on Upper Edge

30. Average space

31. IS, Lower Deck, Single Angle, Bulb

32. Angle, Plate or Tee Bulb

33. Angles on Upper Edge

34. Average space

35. S, Hold, Plate or Tee Bulb

36. Angles on Upper Edge

37. Average space

38. S, Poop Deck, Angle, Bulb Angle, Plate

39. or Tee Bulb

40. Angles on Upper Edge

41. Average space

42. S, Bridge Deck, Angle, Bulb Angle,

43. Plate or Tee Bulb

44. Angles on Upper Edge

45. Average Space

46. BEAMS, Forecastle Deck, Angle, Bulb Angle,

47. Plate or Tee Bulb

48. Angles on Upper Edge

49. Average space

50. PILLARS, In 'tween Decks, Size and Spacing

51. Hold

52. W, FRAMES, In Fore Body, No. and Spacing

53. Brdth. & Thickness

54. No. of Side Stringers

55. WEB FRAMES, In After Body, No. and Spacing

56. Brdth. & Thickness

57. No. of Side Stringers

58. Size of Angles or Tee Bars to Web Frames

59. BRACKET PLATES to Stringers between

60. Web Frames, Depth and thickness

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floor, Through Plate, or Intercoastal Plate

1. Rider Plate

2. Bulb Plate to Intercoastal Keelson

3. Horizontal Plates on Floors

4. Angles

5. SIDE KEELSON, Angles

6. Bulb or Plate above floors for B. Sp. Ing

7. Intercoastal Plate for B. Sp. length

8. Attached to outside plating with Angle

9. BILGE KEELSON, Angles

10. Bulb or Plate above floors for B. Sp. len

11. Intercoastal Plate for length

12. Attached to outside plating with Angle

13. BILGE STRINGER Angles

14. Bulb Plate for length

15. Intercoastal Plate for length

16. Attached to outside plating with Angle

17. SIDE STRINGER Angles

18. Bulb or Intercoastal Plate for Ing.

19. Main and Raised Quarter Deck Stringer

20. Plate, on ends of Beams, breadth & thkness

21. Angle on ditto

22. Tie Plates fore & aft, outside Hatchways

23. Diagonal Tie Plates on Bms, No. of Pairs

24. Flat of Dk* Iron or Steel for whole Ing.

25. Wood covered Material & thickness

26. How fastened to Beams

27. Lower Deck Stringer Plate, on ends of

28. Beams, breadth and thickness

29. Angles on ditto, No. 2

30. Tie Plates, outside Hatchways

31. Flat of Deck* Material and thickness

32. How fastened to Beams

33. Hold Stringer Plate, on ends of Beams

34. Angles on ditto, No.

35. Poop Deck Stringer Plate, breadth & thickness

36. Angle on ditto

37. Tie Plates

38. Flat of Deck, Material and thickness

39. Bridge Deck Stringer Plate, brdth & thickness

40. Angle on ditto

41. Tie Plates

42. Flat of Deck, Material and thickness

43. Forecastle Deck Stringer Plate, brdth & thkness

44. Angle on ditto

45. Tie Plates

46. Flat of Deck, Material and thickness

PLATING.

1. PLAT PLATE KEEL, breadth and thickness

2. (Bling on increased thickness, & length appl)

3. PLATES in Garboard Strakes, brdth & thickness

4. From Garboard to lower part of Bilges

5. State Thickness of Plating in way of Double Bottom

6. Bilges, number of Strakes and thickness

7. Of doubling at Bilge or increased thickness

8. and length applied

9. from up. part of Bilge to Ir. edge of Sh'rstrake

10. Sheerstrake, breadth and thickness

11. Of d'blag at Sh'stk. & Ing. applied

12. Poop Sides

13. Raised Quarter Deck Sides

14. Bridge Sides

15. Forecastle Sides

16. Lengths of Plating

Inches in Ship

Inches in Ship

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

Inches per Rule

Inches per Rule

16ths or 20ths of

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

Form No. 1 A.

BULKHEADS. No. in Vessel **5** No. Req'd. by Rule **4**

Ceiling between Decks, thickness and material **8x2 P.P.**

in hold do. do. **2 1/2 R.P.**

Number of Breasthooks **3**

Crutches **2**

W. T. BULKHEADS

PARTITION...

LONGITUDINAL

Are the outside Plates doubled two spaces of Frames in length? **Yes**

The **FRAMES** extend in one length from **Keel** to **gunwale**

The **REVERSED ANGLE** on floors and frames extend from **Keel** to **lower deck and gunwale alternately**

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.

Garboard, double riveted to Bar Keel **on Flat Plate Keel**, with rivets **1/8** in. diameter, averaging **5 1/8** ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets **7/8** in. diameter, averaging **5 1/8** ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, treble or double riveted; treble for **1/2** length; with rivets **7/8** in. dia., averaging **3 1/8** ins. from cr. to cr.

overlapped for length, treble riveted for length, with rivets in dia., averaging ins. from cr. to cr.

Butts of three Strakes at Bilge for **1/2** length, treble riveted with Butt Straps **2/16 x 1/16** thicker than the plates they connect.

Edges from Bilge to Sheerstrake, worked clench, double or single riveted; with rivets **7/8** in. diameter, averaging **5 1/8** ins. from centre to centre.

Butts from Bilge to Sheerstrake, worked carvel, treble or double riveted; treble for **1/2** length; with rivets **7/8** in. dia., averaging **3 1/2** ins. from cr. to cr.

overlapped for length, treble riveted for length, with rivets in dia., averaging ins. from cr. to cr.

Edges of Sheerstrake, double or single riveted.

Butts of Sheerstrake, treble riveted for **1/2** length amidships.

Butts of Main Stringer Plate, treble riveted for **1/2** length amidships.

Butts of Inner Bottom Plating **double** riveted for **E.B.S.** length.

Breadth of edge laps of Shell Plating in double riveting **6 x 5 1/4**.

Butt Straps of Shell Plating breadth and thickness **19 x 14/16**.

Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted? **Treble and double**

Breadth of edge laps of Shell Plating in single riveting **3**.

Butts, if Lapped, breadth of laps **✓**

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? **Angler's Bulb; Dorman Long & Co. Malleable Iron Co. Samuel Tugwell & Co. Robert's Iron Co. Gladstone & Co. Steel plates; Middlesbrough Steel Works; Robert's Iron Works; Houston Malleable Iron Co.**

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

Is the riveted work properly closed? **Yes**

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

to plate, &c., conform well to each other? **Yes**

from the faying surfaces? **Yes**

Do the holes for riveting plate to frames, butt straps, or plate Are the rivet holes well and sufficiently countersunk in the plate and punched 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? **Yes**

MASTS, SPARS, &c.

Mast	Fore	Main	Mizen	Material	Total Length	DIAMETER AND THICKNESS				No. of Plates in sound	ANGLES		RIVETING	
						At Partners	Heel	Hounds	Head		Number	Size	Seams	Butts
Fore				Steel	104' 7"	22	17	14	7	Two		Single	Treble	
Main				"	101' 4"	22	20	14 1/2	7	Two		"	"	
Mizen														

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds **Steelwire 3"**

Sails. **One** Suit of **Sails**, and the following spare sails **3 1/2 Steelwire**

EQUIPMENT No. 21372 LETTER R X ANCHORS.

Number of Certificate	1st Bower	2nd "	3rd "	Collective weight	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQ. BY RULE			Description of Anchor	Makers	Where and when tested and Superintendent	
					Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
30599					37	2	18	-	-	-	34	6	1	0	37	2	0	Stockless	Kingley & Son Ltd	Nottingham 22/9/91
30600					36	2	11	-	-	-	33	10	1	2	37	2	0	"	"	"
30578					25	2	2	6	2	19	25	5	3	21	25	2	0	Porter E.S.	"	18/9/91
					99	3	3				100	2	0							
30594					9	1	4	2	1	26	11	9	0	7	9	2	0	Porter E.S.	Kingley & Son Ltd	Nottingham 24/9/91
30596					4	3	24	1	1	9	7 1/2	-	-	-	4	3	0	"	"	22/9/91
30597					2	2	14	-	2	12	5 1/8	-	-	-	2	2	0	"	"	22/9/91

CHAIN CABLES.

Number of Certificate	Fathoms	Size	Test per Certificate Tons	Weight of Chain Cable	Fathoms & Size Per Rule	Description	Makers of Cables	Where and when tested, and Superintendent	Material	Fathoms	Size	FATHOMS & SIZE PER RULE	
												Fathoms	Size
20783	135	1 1/4	55 1/8	204.3.14	270.1 1/4	Lead Link	Kingley & Son Ltd	Nottingham 24/9/91	LOWLINE wire	90	3	90.11 or 2 1/2	
20782	135	1 1/4	55 1/8	203.3.3		"	"	"	"	90	2 1/2	90.9	
20787	75	1 1/6	20 1/2	42.1.18	75.1 1/6	"	"	"	"	90	5 1/2	90.7 1/2	
Iron Strand (Main) or Steel Wire	90	3 1/2	Certificate produced.							120	4 1/2		

HAWSERS AND WARPS.

Boats **Six** boats; viz 4 lifeboats & 2 cutter.

Pumps, Number **Seven**

The Windlass is **Cumeson & Walker**

Engine Room Skylights.—How constructed? **Leak on coming 7' 6" high**

What arrangements for deadlights in bad weather? **Wire nettings**

Coal Bunker Openings.—How constructed? **Scuttles**

How are lids secured? **Locked**

Height above deck? **Four**

Number of Scuppers, and number and dimensions of Freeing Ports, &c. **Six scuppers—on each side; four freeing ports on each side**

Cargo Hatchways.—How formed? **Iron coaming**

Hatches, if strong and efficient? **Yes. 3" thick**

State size No. 1 Hatch (Forward) **21' 1" x 1**

Order for Special Survey No. 526

Date 4th Dec 1890

Order for Ordinary Survey No.

Date

No. 105 in builder's yard.

DATES OF SURVEYS
held while building
as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought } December: 12. 14. 22 24. 24 January 1. 6 20 February 2.
2nd. On the plating during the process of riveting } 3. 10. 17. 19. 23. 25 27. March: 2. 4. 5. 9. 20. 24. 30. April: 3. 7.
3rd. When the beams were in and fastened, and before the decks were laid } 9. 10. 15. 20. 22. 24. 27. 29. May: 7. 8. 11. 13. 20. 22. 25. 26. 27.
4th. When the ship was complete, and before the plating was finally coated or cemented } June: 1. 3. 4. 11. 15. 19. 23. 24. 26. 29. July: 2. 6. 7. 14. 22. August:
5th. After the ship was launched and equipped } 4. 6. 8. 11. 14. 19. 20. 25. 26. 27. 28. 31. Sept: 1. 2. 3. 4. Total No. of Visits 70

State dates and initials of letters respecting this case

1890: October 31. November 11. 21. 1891: March 24. May 13. June 8.

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

This is a steamship, constructed of Iron with shell plating part steel in accordance with the approved plans and in other respects in accordance with the Rules. One link in each chain is collapsed and the size found correct. The materials and workmanship are good.

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 45 ft., R.Q.D. or Break ft., Bridge Dk. 139 ft., F'castle 31 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

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) 2 Dks (1 Iron) 2 to B, well framed in After hold.

Official No. 98975; Signal Letters

PARTICULARS OF WATER BALLAST.—

Double bottom, aft, length 26' 10" and water capacity in tons 17. Double bottom, forward, length 42' 0" and water capacity in tons 40.
Double bottom, under engines and boilers, length 30' 8" and water capacity in tons 48. If under Engines only, or Boilers only, state which. H. Tuganov.
Double bottom, constructed on the cellular system, length and water capacity in tons.
Fore peak tank, water capacity in tons 22. After peak tank, water capacity in tons.
Midship deep tank, length and water capacity in tons. Other tanks, if fitted, length and water capacity in tons.

The above have been tested as required by the Rules.
(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside Paint and cement Outside Paint

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 4th September 1891

State if marked on Vessel's sides in accordance with Notice No. 572

In Summer 2 ft. 5 ins.
In Winter 2 ft. 7 ins.
For Winter in North Atlantic — ft. — ins.
Fresh Water above the centre of disc 3 1/2 ins.
To top of Wood, Iron or Steel Upper Deck.

The amount of Entry Fee..... £ 4 : - : is received by me,

Special ... £ 65 : 2 : 6 9th Sept 1891

Certificate* £ : : :

Travelling Expenses, if any £ : : :

of opinion this Vessel should be Classed

+ 100 A1 Iron, Shell plating part steel

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

Committee's Minute

Character assigned

100A1

2 A or C P

Shell plating pt. Steel

2 Dks (1 Iron - w.s.)

+ 2 Mac 9, 91

FRI 25 SEP 1891

FRI 27 SEP 1891

Chief Surveyor's W. B., alias T. P. T. (particulars above)

Write In.

remarks read

Lloyd's Register Foundation

20118-0141(2/2)