

Spar, or Awning Dk. ~~IRON OR STEEL STEAMER.~~

No. 14991

Port of GREENOCK Date of completion of Report 12TH MARCH 1907 Received at London Office LUES. MAR 19 1907
Survey held at PORT GLASGOW Date, First Survey 13TH December 1905 Last Survey 8TH MARCH 1907
On the STEEL SCREW STEAMER "BANKDALE" (YARD N^o 178) Rig SCHOONER

TONNAGE under
Tonnage Deck
Do. between Tonnage Dk.
and 3rd, 4th, Spar or
Awning Dk.
Total under Upper Dk. 3615.97
Do. of Poop 31.15
Do. of Bridge House
Do. of Forecastle 64.81
Do. of Houses on Deck 90.15
Do. of excess of Hatchways 19.27
Do. of Crown of
Main Room 29.56
Tonnage 3850.91
Crew Space 110.37
above Crown of
Main Room 29.56 = 139.93
AGE FOR FEES... 3710.98
Engine Room 1232.29
Navigation Spaces 4460 = 1276.89
HATCH AIR 2434.09
29.56
Master Tonnage
cut on Beam 2463.65

SPAR, ~~AWNING OR PART AWNING-DECKED VESSEL,~~
or a Vessel having a continuous Shade Deck.

CLASS 100 A.1. SPAR DECK

Half Breadth (moulded) 24.14
Depth from upper part of keel to top of Main Deck Beams 20.00
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 40.70
1st Number 84.84
Length on deck from after part of stem to fore part of
stern post 373.16
2nd Number 316.58
Proportions—Breadths to Length... 7.72
Depths to Length—Main Deck to top of Keel 18.65

Master W.A. JACKMAN

Year of Appointment

(1) As Master in service of
owner of present vessel: 1907
(2) As Master of this
vessel: 1907

Built at PORT GLASGOW

When built 1907 Launched 9TH FEBRUARY 1907By whom built W^M HAMILTON & CO. LTD.

Owners THE BANK SHIPPING CO. LTD.

Managers W^M JUST & CO.

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

Residence LIVERPOOL

Port belonging to LIVERPOOL

BUILT UNDER

If Surveyed while Building, Afloat, or in Dry Dock SPECIAL SURVEY.

LENGTH on Ft. Ins. BREADTH Ft. Ins. DEPTH, ACTUAL—Top of Floors to top of Spar or Awning Dk. Beams Ft. Ins. Power of Horse. No. of Decks with flat laid TWO
k as per Rule 373 2 Moulded 48 3/4 Do. do. Main Deck Beams 24 4 1/4 Engines 11
Dimensions of Ship per Register, Length 375' breadth 48'6" depth, 24'5" Spar or Awning Dk. Moulded depth, ft. 19 ins. 0/4 To Main Dk. Round up of Main Dk. Beam, Actual 11 1/2 ins.

FRAMING.

| | Inches in Ship. | Inches in Ship. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. |
|--|------------------|-----------------|---------------------------|---------------------------------|---------------------------------|-------------------------|---------------------------------|---------------------------------|
| NAME, Angles, or Bars, for length amidships | 5 1/2 | 3 1/2 | 9 | 5 1/2 | 3 1/2 | 9 | | |
| Do. for 1/2 at each end | 5 1/2 | 3 1/2 | 8 | 5 1/2 | 3 1/2 | 8 | | |
| Do. in way of Double Bottoms at Solid Floors | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 | | |
| at intermdt. Plats. | | | | | | | | |
| acing of Frames from centre to centre | 7 | 24 | 9 | 7 | 24 | 9 | | |
| VERSED FRAME, Angles | | 3 1/2 | 9 | | 3 1/2 | 9 | | |
| EP FRAMING, depth of girder | | 9 1/2 | | | 9 1/2 | | | |
| DOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships | | | | | | | | |
| in way of Engines and Boilers | | | | | | | | |
| thickness at the ends of vessel | | | | | | | | |
| depth at 1/2 the half bth. as per Rule | | | | | | | | |
| height extended at the Bilges | | | | | | | | |
| DOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) | 42 | 8 | 42 | 8 | | | | |
| spacing | No | | No | | | | | |
| NTRE GIRDER, in Double bottom, depth and thickness | 42 | 10 | 42 | 10 | | | | |
| Angles, Top SINGLE | 6 | 6 | 12 | 6 | 6 | 12 | | |
| Bottom | 4 1/2 | 4 1/2 | 12 | 4 1/2 | 4 1/2 | 12 | | |
| DE GIRDERS, number and thickness state if flanged (top & bottom) | No | 8 | No | 8 | | | | |
| Angles | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 | | |
| ARGIN PLATE, depth (exclusive of flange) and thickness | 35 | 9 | 35 | 9 | | | | |
| Angles to outside plating | 3 1/2 | 3 1/2 | 10 | 3 1/2 | 3 1/2 | 10 | | |
| to floors | 5 | 3 1/2 | 8 | 5 | 3 1/2 | 8 | | |
| Height of floors at the Bilges | | 6 1/2 | | 6 1/2 | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 50 IRON | 10/16 | 54 IRON | 10/16 | | | | |
| thickness in Engine and Boiler space | IRON 10/16 | B=11/16 | IRON 10/16 | 11/16 | | | | |
| Remainder in Holds | IRON | 8/16 | IRON | 5/16 | | | | |
| BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 | 3 1/2 | 12 | 9 | 3 1/2 | 12 | | |
| Angles on upper edge IN WAY OF BRIDGE | | | | | | | | |
| Spacing | | 24 | | 24 | | | | |
| BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 9 1/2 | 3 1/2 | 12 | 9 1/2 | 3 1/2 | 12 | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | 24 | | 24 | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | | | | | | | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | | | | | | | |
| BEAMS, Hold, or Orlop, Plate or Tee Bulb | | | | | | | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | | | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb | 6 | 3 | 8 | 6 | 3 | 8 | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | 24 | | 24 | | | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb | 7 | 3 | 9 | 7 | 3 | 9 | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | 24 | | 24 | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb | 8 1/2 | 3 1/2 | 10 | 8 1/2 | 3 1/2 | 10 | | |
| Angles on upper edge | | | | | | | | |
| Spacing | | 48 | | 48 | | | | |
| PILLARS, In tween Deck, size and spacing | 3" DIA. 48" PART | 3" DIA. 48" | 5 1/4" TO 5 3/4" DIA. 48" | 5 1/4" TO 5 3/4" DIA. 48" | | | | |
| Hold | | | | | | | | |
| Quarter, tween Dks. | | | | | | | | |
| In Hold | | | | | | | | |
| WEB FRAMES, In Fore Body, No. and spacing breadth & thickness | | | | | | | | |
| No. of Side Stringers | | | | | | | | |
| WEB FRAMES, In E. & B. Space, No. & spacing breadth & thickness | ONE, AS PER | 9 | 30 | 9 | | | | |
| WEB FRAMES, In After Body, No. and spacing breadth & 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 Or as Approved. |
|---|-----------------|---------------------------------|
| KEEL, Bar or Side Plates, depth and thickness | FLAT PLATE | KEEL. |
| STEM, moulding and thickness | 11" x 2 7/8 | 11" x 2 7/8 |
| STERN-POST for Rudder do. do. | 11" x 6 3/4 | 11" x 6 3/4 |
| for Propeller | 11" x 6 3/4 | 11" x 6 3/4 |
| MAIN PIECE of Rudder, diameter at head | 9 1/2 | 9 1/2 |
| do. at heel | 7 1/4 | 7 1/4 |

RUDDER, how constructed BUILT IRON FORGING AND SINGLE PLATE.

Can the Rudder be unshipped afloat? YES.

KEELSONS AND STRINGERS.

| | Inches in Ship. | Inches in Ship. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. | 16ths or 20ths in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. |
|--|-----------------|-----------------|-------------------------|---------------------------------|---------------------------------|-------------------------|---------------------------------|---------------------------------|
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | | | | | | |
| Rider Plate | | | | | | | | |
| Bulb Plate to Intercoastal Keelson | | | | | | | | |
| Horizontal Plates on Floors | | | | | | | | |
| Angles | | | | | | | | |
| SIDE KEELSON, Angles | | | | | | | | |
| Bulb or Plate above floors, for lng. | | | | | | | | |
| Intercoastal Plate, for length | | | | | | | | |
| Attached to outside plating with Angle | | | | | | | | |
| BILGE KEELSON, Angles | | | | | | | | |
| Bulb or Plate above floors, for lng. | | | | | | | | |
| Intercoastal Plate, for length | | | | | | | | |
| Attached to outside plating with Angle | | | | | | | | |
| BILGE STRINGER Angles | | | | | | | | |
| Bulb Plate, for length | | | | | | | | |
| Intercoastal Plate, for length | | | | | | | | |
| Attached to outside plating with Angle | | | | | | | | |
| 2 SIDE STRINGERS Angles | | | | | | | | |
| Bulb or Intercoastal Plate, for FULL lng. | 6 | 4 | 11 | 6 | 4 | 11 | | |
| Attached to outside plating with Angle | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 | | |

| | | | | |
|---|-------|-------|----|-------|
| Spar, or Awning Deck Stringer Plates, breadth and thickness | 57 | 10 | 57 | 10 |
| Angle on ditto | 4 | 4 | 9 | 4 |
| Tie Plates, fore and aft, outside Hatchways | | | | |
| Diagonal Tie Plates, No. of prs. | | | | |
| Deck, * Iron or Steel, for FULL lng. | | | 8 | 8 |
| Wood Deck, Material and thickness | | | | |
| Main Deck Stringer Plate, breadth & thickness | 57 | 10 | 57 | 10 |
| Angles on ditto, No. TWO | 4 | 4 | 9 | 4 |
| Tie Plates, outside Hatchways | | | | |
| Diagonal Tie Plates, No. of prs. | | | | |
| Deck, * Iron or Steel, for FULL lng. | | | 7 | 7 |
| Wood Deck, Material and thickness | | | | |
| Lower Deck Stringer Plates, breadth & thickness | | | | |
| Angles on ditto, No. | | | | |
| Tie Plates, outside Hatchways | | | | |
| Deck, * Material and thickness | | | | |
| Hold, or Orlop Stringer Plate, breadth & thickness | | | | |
| Angles on ditto, No. | | | | |
| Tie Plates, outside Hatchways | | | | |
| Deck, Material and thickness | | | | |
| Poop Deck Stringer Plate, breadth & thickness | 30 | 6 | 30 | 6 |
| Angles on ditto | 3 | 3 | 6 | 3 |
| Tie Plates BEAMS PLATED OVER (STEEL) | | | | |
| Deck, Material and thickness | | | | |
| Bridge Deck Stringer Plate, breadth & thickness | 40 | 10 | 40 | 10 |
| Angle on ditto | 3 1/2 | 3 1/2 | 12 | 3 1/2 |
| Tie Plates | | | | |
| Deck, Material and thickness STEEL | | | | |
| Forecastle Deck Stringer Plate, breadth & thickness | 28 | 6 | 28 | 6 |
| Angle on ditto | 3 | 3 | 6 | 3 |
| Tie Plates STEEL DECK | | | | |
| Deck, Material and thickness P. PINE | 3" | | 3" | |

* 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. |
|-----------------|------------|-----------|------------|-------------|-----------|--------------------------|------------|
| | In Vessel. | Per Rule. | | Horizontal. | Vertical. | | |
| W. T. BULKHEADS | 6 | 6 | 7-6 | Size. | Spacing. | | |
| PARTITION | | | | Size. | Spacing. | | |
| LONGITUDINAL | | | | Size. | Spacing. | | |

Are the outside Plates doubled two spaces of Frames in length? **FITTED**
Are the Stance Valves and Watertight Doors in efficient working order? **YES.**

[illegible]

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with this case*)
(M) 3 JAN.; 2 FEB.; 2 MAY.; 2 SEPT 1905; 17 APRIL 1906. (E) 2 JAN., 1905.

Workmanship. Are the butts of plating planed or otherwise fitted? *PLANED AND OVERLAPPED.*

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.

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

from the faying surfaces? YES

Do any rivets break into or through the seams or butts of plating? *A VERY 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. 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 in accordance with the approved plans the Secretary's letters as above stated and, in other respects, in conformity with the Rules; the material and workmanship are good.*

The keel has been sighted and found $\frac{1}{2}$ " down at midships.

THIS IS A SISTER VESSEL TO THE S.S. "BANDA" GREENOCK REPORT N° 14760.
The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 367.5 ft., R.Q.D. or Break — ft., Bridge Dk. AND ft., Forecastle 298 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated!—THE FORECASTLE IS JOINED TO THE BRIDGE DECK.

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) ONE DECK (STEEL), SPAR DECK (STEEL) AND DEEP FRAMING.

Official No. 124045 ; Signal Letters

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. | Water Capacity. | Where fitted. | *Length. | Water Capacity. |
|---|----------|-----------------|--|----------|-----------------|
| | Feet. | Tons. | | Feet. | Tons. |
| Double bottom, aft, | 128 | 331 | Fore peak tank, | - | - |
| Double bottom, under Engines and Boilers, | - | - | After peak tank, | - | 97 |
| Double bottom, if under Engines only, | 22 | 82 | Deep tank aft, | 36 | 51 |
| Double bottom, if under Boilers only, | 22 | 82 | Deep tank forward, | - | 815 |
| Double bottom, forward, | 152 | 458 | Other tanks, if fitted, | - | - |
| Total capacity | | 953 | (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. 2302

Date 31st Jan 1905

No. 178 in builder's yard.

The amount of Entry Fee£ 5: : .

Fees applied for,
8/3/1907

Certificates to be sent to GREENOCK.

Travelling Expenses, if any £

Received by me,
11/3/1907

State whether the Vessel has been built under Special Survey YES

I am of opinion this Vessel should be Classed *-700A.1 "SPAR DECK"

~~With, or~~ without Freeboard, as condition of Class

David M^r Anslan.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned + 100 M "Spardk." Lloyd J. C. P.
(Steel)

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Hoyd's Reaiste

Foundation

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