

Awning or Shelter Deck, or Pt. Awning Deck. STEEL STEAMER.

No. 15069

State if Report is also sent on the Machinery of the Vessel *yes*
Port of *Hamburg* Date of completion of Report *24 June 1922* Received at London Office *21 JUL 1922*
Survey held at *Hamburg* Date, First Survey *25th August 1921* Last Survey *20 May 1922*
On the *EMPERESS OF AUSTRALIA (M/TIRPITZ)* Rig *2 Masts.*

TONNAGE under Tonnage Deck *25886*CLASS *100A1*FEET. *M/T* MasterDo. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *15886*Breadth (greatest moulded) *75.0 22.36*Year of Appointment *Stettin*Total under Upper Dk. *15886*Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *46.3 14.09*Built at *Stettin*Do. of Poop *21498*Deduct height of 'tween deck when this does not exceed 8ft. *8 2.44*When built *1914* Launched *January*Do. of R. Qr. Dk. *21498*Transverse Number *113.2 34.51*By whom built *Vulcan Werke AG*Do. of Bridge House *21498*Length on deck from fore part of stem to after part of sternpost *389.10 149.80*Owners *Canadian Pacific O.S. Ltd.*Do. of Forecastle *21498*Longitudinal Number *66955 6204.9*

Managers

Do. of excess of Hatchways *21498*Depth "d" at middle of length. See Secs. 2 & 13 *14.3 5.2*

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

Do. above Crown of Engine Room *21498*Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *12.46*Residence *London*Less Crew Space *21498*Upper Deck at side to top of keel *15.52*Port belonging to *London*Less above Crown of Engine Room *21498*Destined Voyage *Vancouver*If Surveyed while Building, Afloat, or in Dry Dock *yes*Less Navigation Spaces *21498*Master Tonnage *11449*Less on Beam *11449*Length on Deck as per Rule *589 10*BREADTH Moulded *75 0*No. of Decks with flat laid *4*No. of Tiers of Beams *4*Dimensions of Ship per Register, Length *589.8* breadth *75.2* depth *33.2*DEPTH, ACTUAL—Top of Floors to top of Awning or Shelter Dk. Beams *46.3 14.09*Moulded depth, ft. *46* ins. *2 1/2* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *47.1* ins.Upper Deck Moulded depth, ft. *38* ins. *0* To Upper Dk.

FRAMING.

PILLARS.

AME, Angles, or *240 95 13/15 230 95 13/15*PILLARS, In 'tween Deck, size and spacing *made spaced pillars in conjunction with girders under beams on pre-arranged plans*Do. in peaks *280 90 15 1/2 280 90 15 1/2*

" " Hold " "

Do. in way of Double Bottoms at Solid Floors *90 90 12 1/2 90 90 12 1/2*

" " Quarter, 'tween Dks., " "

" " at intermdt. Bkts. *820 820*

" " in Hold " "

acing of Frames from centre to centre amidships *820 820*

KEELSONS AND STRINGERS.

" length to collision bulkhead *400 400*CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate *Rider Plate*" of Frames from centre to centre in peaks *600 600*

" Flat Keel Plate Angles

VERSED FRAME, Angles *100 90 12 100 90 12*

" Horizontal Plates on Floors

Do. in way of Double bottoms at Solid Floors *80 80 12 1/2 80 80 12 1/2*

" Angles or Bulb Angles

" " at intermdt. Bkts. *240 240*

SIDE KEELSONS, Number

AMING, depth of girder *240 240*

" Angles or Bulb Angles

DOORS, depth and thickness of Floor Plate at mid-line for 1/3 length amidships *2 12 1/2 2 12 1/2*

" Plate above floors, for length

" in way of Engine and Boiler spaces *2 14 1/2 2 14 1/2*

" Intercoastal Plate, for length

" thickness at the ends of vessel *10 10*

" Attached to outside plating with Angle

" depth at 1/2 the half-bdth. as per Rule *2350 2350*

BILGE KEELSON, Angles

" height extended at the Bilges *1450 12 1/2 1450 12 1/2*

" Intercoastal Plate, for length

DOORS, in Cell Double Bottoms *1450 12 1/2 1450 12 1/2*

" Attached to outside plating with Angle

" state if flanged (top and bottom) *not flanged*SIDE STRINGERS, Number *found of 13. Spaced*" spacing of Solid *on every frame*" Angle *225 90 14 225 90 14*TRE GIRDER, in Dbl. bottom, dpth. & thknss *1450 16 1450 16*" " Intercoastal Plate, for lng. *13 13*" Angles, Top *100 100 14 100 100 14*" Attached to outside plating with Angle *flange flanged*" " Bottom *150 150 16 150 150 16*Awning or Shelter Deck Stringer Plates, breadth and thickness *1600 11-9 1600 11-9*" " to Floors *100 100 14 100 100 14*" Angle on ditto *2 inco 100x100 13 100x100 13*" Brackets at intermdt. frmg., wdth & thknss *100 100 14 100 100 14*" Tie Plates, fore and aft, outside Hatchways *10 10*E GIRDERS, number and thickness *Three 12 1/2 Three 12 1/2*" Deck * *Steel* for *1/1* lng. *10 10*" state if flanged (top & bottom) *not flanged*" Wood Deck. Material & thickness *8 pine 45 8 pine 45*Angles *80 80 14 80 80 14*Upper Deck Stringer Plate, breadth and thickness *1400 10 1/2 1400 10 1/2*RGIN PLATE, depth (exclusive of flange) and thickness *1090 19 1090 19*" Angles on ditto, No. *2 Euro 100x100 12 1/2 100x100 12 1/2*" Angles to outside plating *100 100 14 100 100 14*" Tie Plates, outside Hatchways *10 10*" to floors *90 90 14 90 90 14*" Deck * *Iron or Steel* for *1/12* lng. *9 1/2 9 1/2*" Brackets at intermdt. frmg., wdth & thknss *100 100 14 100 100 14*" Wood Deck. Material & thickness *8 pine 45 8 pine 45*" Height of Brackets above at bilge *900 900*Second Deck Stringer Plates, br'dth & thkn's *1450 10 1450 10*ER BOTTOM PLATING, breadth and thickness of Middle Line Strake *1190 15 1190 15*" Angles on ditto, No. *2 Euro 100x100 13 100x100 13*" thickness in Engine and Boiler space *10 10*" Tie Plates, outside Hatchways *10 10*" Remainder in Holds *12 1/2 12 1/2*" Deck * *Material and thickness* *Steel not heated 9 9*AMS, *Shlter Dk, Staggered* *200 85 13/14 200 85 13/14*Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness *1800 10 1800 10*Spacing *on every frame*" Angles on ditto, No. *2 Euro 100x100 13 100x100 13*AMS, Upper Deck, *Staggered* *200 85 13/14 200 85 13/14*" Tie Plates, outside Hatchways *10 10*Spacing *on every frame*" Deck. Material and thickness *Steel not heated 9 9*AMS, Second, *Staggered* *200 85 13/14 200 85 13/14*Poop Deck Stringer Plate, breadth & thickness *1500 10 1500 10*Angles on upper edge *on every frame*" Angle on ditto *2 Euro 100x100 13 100x100 13*AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel *200 85 13/14 200 85 13/14*" Tie Plates *10 10*" Spacing *on every frame*" Deck. Material and thickness *8 pine 45 8 pine 45*AMS, Bridge Deck, *Staggered* *200 85 13/14 200 85 13/14*Forecastle Deck Stringer Plate, br'dth & th'kns *1200 10 1200 10*" Angles on upper edge *on every frame*" Angle on ditto *2 Euro 150x150 16 150x150 16*" Spacing *on every frame*" Tie Plates *10 10*AMS, Bridge Deck, *Staggered* *200 85 13/14 200 85 13/14*" Deck. 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WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing

WEB-FRAMES, In E. & B. Space, No. and spacing

WEB-FRAMES, In After Body, No. and spacing

BRACKET PLATES to Stringers between Web Frames, depth and thickness

BULKHEADS.

W.T. BULKHEADS

COLLISION PARTITION LONGITUDINAL

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

Are the Sliding Valves and Watertight Doors in efficient working order?

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

RUDDER-A & D Table 22. Speed

Main-Piece, diameter at head

at heel

RUDDER, how constructed

Thickness of Single Plate

Can the Rudder be unshipped afloat?

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.?

Has the Steel been tested as required by the Rules?

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

RIVETING.

BUTTS.

IF LAPPED.

THICKNESS OF STRIKE CLEAR OF LONG BRIDGE DO. OF STRIKE BELOW DELEG. of Flat Plate Keel

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

Butts of Side Stringers

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girder Butts

Keelson Butts

Frames, riveted through Plates with

Rivets, state whether Iron or Steel

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

EQUIPMENT No. 80000 LETTER

ANCHORS.

Number of Certificate

Weight, Ex. Stock

Weight of Stock

Test, per Certificate

Weight Reg. by Table 31

Description of Anchor

Makers

Where and when tested and Superintendent

Particulars of Drop Test of Cast Steel Anchors, viz.:-

Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES.

Number of Certificate

Length and Size supplied

Test per Certificate

Weight of Chain Cable

Fathoms and Size per Table 31

Description

Makers of Cables

Where and when tested, and Superintendent

Material

Length and Size supplied

Breaking Test of Steel Wire

Fathoms and Size per Table 31

HAWSERS AND WARPS.

Boats as per Reg. Requirements for Passenger

Steering Gear, Steam

Pumps, Number

Windlass is

Engine Room Skylights

Coal Bunker Openings

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material

Cargo Hatchways

State size No. 1 Hatch (Forward)

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

No. of Breasthooks

No. of Crutches

Bulwarks, height above deck and description

The foregoing is a correct description.

Builder's Signature

Surveyor's Signature

Correspondence

Workmanship

Is the riveted work properly closed?

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

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

Are the butts of Plating, Stringers, &c., properly shifted and

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

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

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

Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee

Special Survey Fee

Travelling Expenses, if any

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

With, or without Freeboard, as condition of Class

Committee's Minute

Character assigned

Date of build

White

Lloyd's Register

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 341.5 ft., Forecastle 105.6 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *There is no poop fitted*

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) *4 Decks Steel 5" Pl. in fore & after holds; 1 Pl. wood sheathed 4 tiers of Beams*

Official No. ; Signal Letters State if Machinery is fitted aft *no*
How are the surfaces preserved from oxidation? Inside *bottom cement otherwise oil paints* Outside *patent and oil paints*

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,	56.8	123	Fore peak tank,	38.	183
Double bottom, under Engines and Boilers, <i>between</i>	249.0	1656	After peak tank,	38.	238
Double bottom, if under Engines only,			Deep tank, <i>between E & Boilers & fuel</i>	48.4	2004
Double bottom, if under Boilers only,			Deep tank, <i>between Boiler rooms.</i>	48.4	1153
Double bottom, forward,	133	431	Other tanks, if fitted,		
Total capacity of double bottom		2210	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *466.8*

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

Order for Special Survey No.

Date

No. in builder's yard.

DATES of Surveys held while building

Surveyor's Signature

Geo. Byrnes

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Total No. of Visits *40*

Lloyd's Register
Shipping