

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 4090

Port of Copenhagen Date of completion of Report 6 March 1914 Received at London Office MON. MAR. 9 1914  
 Survey held at Copenhagen Date, First Survey 29 April 1913 Last Survey 5th March 1914  
 On the (State if Single, Twin, or Triple Screw) Twin to H. M. S. "FIONIA" Rig H. pole masts with derricks.

**TONNAGE under Tonnage Deck**  
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 4297.47  
 Total under Upper Dk. 81.49  
 Do. of Poop 415.69  
 Do. of R. Qr. Dk. 50.59  
 Do. of Bridge House 348.62  
 Do. of Forecastle 24.73  
 Do. of Houses on Deck 5218.59  
 Do. of excess of Hatchways 128.41  
 Do. above Crown of Engine Room 5090.18  
 Gross Tonnage 1669.95  
 Less Crew Space 82.88  
 Net Tonnage 3337.35

**CLASS**  
 Breadth (greatest moulded) 53'-0"  
 Depth, at middle of length from top of keel to top of beams at side of Upper Deck 22'-0"  
 Deduct height of tween deck when this does not exceed 8ft. 75'-0"  
 Transverse Number 395'-0"  
 Length on Deck from fore part of stem to after part of sternpost 29625'  
 Longitudinal Number 18'-6"  
 Depth "d" at middle of length. See Secs. 2 & 13 13'-17"  
 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 17.95  
 " " " Upper Deck at side to top of keel 10.40  
 " " " Bridge at side 10.40  
 Destined Voyage Salborg.

Master C. Jensen  
 Year of Appointment 1914  
 Built at Copenhagen  
 When built 1913-14 Launched 11 October 1913  
 By whom built By Burmeister & Wain's Maskin & Skitskyggeri  
 Owners A/S Det Østasiatiske Kompagni (The East Asiatic Co. Ltd.)  
 Managers (Where necessary to be entered in Reg. Book.)  
 Residence Copenhagen  
 Port belonging to Copenhagen  
 If Surveyed while Building, Afloat, or in Dry Dock 725

FRAMING.	BREADTH		DEPTH, ACTUAL		Top of Floors to top of Awn. or Shelter Dk. Beams		No. of Decks with flat laid	
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	No. of Tiers of Beams	
Length 394.4	395	0	53	0	27	7 1/4	2	
Breadth 53.2								
Depth 22.0								
PILLARS.								
PILLARS, In 'tween Deck, size and spacing								
" Hold 2 rows 10' x 50' 14' x 60'								
" Quarter 'tween Dks. in connection with 11' x 32' 70' girder								
" in Hold 18' 11' x 32' 70' girder								
KEELSONS AND STRINGERS.								
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate								
" Rider Plate								
" Flat Keel Plate Angles								
" Horizontal Plates on Floors								
" Angles or Bulb Angles								
SIDE KEELSONS, Number								
" Angles or Bulb Angles								
" Plate above floors, for length								
" Intercoastal Plate, for length								
" Attached to outside plating with Angle								
BILGE KEELSON, Angles								
" Intercoastal Plate, for length								
Attached to outside plating with Angle								
SIDE STRINGERS, Number								
" Angle								
" Intercoastal Plate, for lng.								
Attached to outside plating with Angle								
Awning or Shelter Deck Stringer Plates, breadth and thickness within flange								
" Angle on ditto								
Tie Plates, fore and aft, outside Hatchways								
Deck * Iron or Steel, for lng. within str.								
Wood Deck, Material & thickness (Teak)								
Upper Deck Stringer Plate, breadth and thickness within str.								
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Deck * Iron or Steel, for lng.								
Wood Deck, Material & thickness								
Second Deck Stringer Plates, br'dth & thckn's								
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Deck * Material and thickness								
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness								
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Deck, Material and thickness								
Poop Deck Stringer Plate, breadth & thickness								
Angles on ditto								
Tie Plates								
Deck, Material and thickness								
Bridge Deck Stringer Plate, br'dth & thckn's								
Angle on ditto								
Tie Plates								
Deck, Material and thickness								
Forecastle Deck Stringer Plate, br'dth & thckn's								
Angle on ditto								
Tie Plates								
Deck, Material and thickness								



[illegible]



MON. MAR. - 9. 1914

EQUIPMENT NO. 3462 LETTER 7 ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
70046	1st Bower	60	0	14	✓			48	10	0	0	60	0	0	Cast Iron	H. Dingley & Sons.	Netherism 15/9. 1913 H. Green.
70039	2nd "	58	1	0	✓			47	7	2	0	55	2	0			
70035	3rd "	52	2	14	✓			44	0	1	7	50	2	0			
	Collective weight	172	0	0								170	2	0			
70047	Stream	16	2	4	✓	4	0	21	17	18	1	16	1	0	Ordinary	H. Dingley & Sons.	Netherism 15/9. 1913 H. Green.
70045	Kedge	7	1	8	✓	1	3	17	9	11	2	7	0	0			

CHAIN CABLES.

HAWSERS AND WARPS.

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 Towline.	Fathoms and size per Table 31.	
	Length.	Diam.	Tons.	qrs.	Cwts.	qrs.	Length.	Diam.					Length.	Cir.		Length.	Cir.
13561	135	2 3/4	86 5/8	20.5	323.0		270	2 3/4	Steel wire	Taylor & Co.	Cadiz 10/7. 1913	TOWLINE	4 x 90	3 1/2	18	2 x 90	8"
13562	135	2 3/4	86 5/8	20.5	324.0		270	2 3/4	Steel wire	Janssen & Co.	g. W. Penn.	HAWSERS & WARPS	2 x 90	8 man	2 x 90	8"	
	90	4 3/4	47		647.0				Steel wire	Janssen & Co.			2 x 90	7 man	2 x 90	7"	
														2 x 90	9 man		

Boats 4 Samaras Steel 26'0" x 8'0" x 3'3" 1/2 23'0" x 5'0" x 2'1 1/2 Steering Gear, Steam Electric-Hydr. Steering Gear, Hand Electric 6 1/2 φ

Pumps, Number 144 Diameter of Barrel 6" φ State whether they are in efficient working order yes

Windlass is Electrically driven, Electric Chapman, Gated Hand. Capstan ✓

Engine Room Skylights. - How constructed? Steel, Teak floor & panes. What arrangements for deadlights in bad weather? Tarpanine ✓

Coal Bunker Openings. - How constructed? ✓ How are lids secured? ✓ Height above deck? ✓

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2-3'8" x 22" aft. 2-3'8" x 21" fore. 3 scuppers. aft. 2 scuppers.

Ceiling in Holds, thickness and material 2 1/2" pine Cargo Battsens, thickness and material 2" pine ✓

Largo Hatchways. - How formed? Steel coaming. 2'11" above steel deck. Hatches, If strong and efficient? yes. 3" pine.

State size No. 1 Hatch (Forward) 22'11" x 16'0" No. 2 Hatch 31'2 1/2" x 16'0" No. 3 Hatch 25'0" x 16'0" No. 4 Hatch 22'11" x 16'0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 1/2" to 2 1/2" 1-3-4-5 No. of Breasthooks 3 No. of Crutches ✓

Gunwales, height above deck and description 4'0" x 30" & 5'2" x 3" x 4" 1/2 Stays. Main Rail and Stays, material and size 7/8 6" x 3" x 40.

The foregoing is a correct description. AKTIESELSKABET

Builder's Signature (here only) BURGER & WAINSKIN- OG SKIBSBYGGERI. Surveyor's Signature A. O. Debeuch. J. C. Olsen.

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

Correspondence. - State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

M) 14/9 1912. 24/9 3/10 25/11 9/12 10/12 1912. 7-10-18-20-23/1 1913. 8-15/2 1913. E) 28/11 1/12 1912. 7/2 25/2 13-21/6 17-22/9 1913.

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

Are 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 faying 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? yes

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

State results of tests good

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

State results of tests good

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

This steel twin screw diesel engine vessel has been built according to the Secretary's

orders, the midship section, longitudinal section, other approved plans, and in other respects as required by the

law for the class contemplated. And the workmanship is good throughout.

The bow is strengthened for full form, according to rules.

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

None.

Freeboard: Ke 114: 53

The amount of Entry Fee ..... £ 90: 90 :

Special Survey Fee .... £ 2765: 63 :

Travelling Expenses, if any £ : :

Fees applied for,

7. 3. 1914

Received by me,

17. 3. 1914

Certificate to be sent to Copenhagen

Date of issue ✓ 10/3/14.

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

yes fitted for liquid fuel

100A 1st class

Electric light, Windlass, Telephone

A. O. Debeuch. J. C. Olsen.

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

Committee's Minute

Character assigned

TUE. MAR. 10. 1914.

100A

and deck with fbd.

Lloyds A.S.B.P.

+ 2 M. 6. 5. 14

oil engines



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Lloyd's Register Foundation

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GENERAL REMARKS—(continued).

WE  
B-FRAMES,  
No. of  
B-FRAMES,  
No. of  
Size of F  
CKET PL  
eb Frames,  
LKHEAT  
BULKHE  
COLLISIO  
RTITION  
GITUDIN  
the outside  
the Sluice  
STRA  
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Bottom.  
way  
margin  
pper de  
Shear  
wing de  
Shear  
Bridge

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26 ft., R.Q.D. ☒ ft., Bridge 168 ft., Forecastle 36.5 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. ☒

No. and Material of Decks (~~Steel~~ 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 Deck (Steel) & Awning Deck (Teak).

Official No. ☒ : Signal Letters N5MB

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Coat of linseed oil, 2 coats of red oxide. Outside Coat of red oxide & coats of patent composition.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular system

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>68.9</u>	<u>145</u>	Fore peak tank,		<u>75</u>
Double bottom, under Engines and Boilers,		<input checked="" type="checkbox"/>	After peak tank,		<u>99</u>
Double bottom, if under Engines only,	<u>45.10</u>	<u>164</u>	Deep tank, aft,	<u>(2 Wing tanks &amp; 72 Tons for oil only).</u>	
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,		<input checked="" type="checkbox"/>
Double bottom, forward,	<u>212.6</u>	<u>679</u>	Other tanks, if fitted,		<input checked="" type="checkbox"/>
Total capacity of double bottom		<u>988</u>	(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. 15

Date 3rd Dec 1912

No. 293 in builder's yard.

DATES of Surveys held while building

29 1/3 8-14-17-22/5 4-7-13-17-18-23/6 11-14-16-22-24-26-29-31/7  
2-5-7-8-13-15-16-18-21-25-28/8 3-6-11-13-16-18-19-26-27/9  
1-3-7-9-11-13-14-16-18-23-30/10 7-10-11/11 2-5/12 1913 12/1/1914  
2 1/2 5/3 1914

Surveyor's Signature

Total No. of Visits 58.