

STEEL STEAMER or MOTORSHIP.

Received at London Office 28 APR 1930

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

19th April 1930.

Port of

Copenhagen

No. 8227

Survey held at

Copenhagen

Date First Survey

21st June 1929

Last Survey

14th April

1930

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Twin Screw Motorship "BORINGIA"

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure with tonnage opening

State Type of Erections

Keel and Bridge

TONNAGE under Tonnage Deck...

4647.59

CLASS

100 A-1

State if with freeboard as condition of Class

Yes.

Built at

Copenhagen

Do. of space or spaces between Tonnage Dk. and Upper Dk.

✓

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L

425

Breadth (greatest moulded)

B

57

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D

36

1st Longitudinal Number (L x D) =

15300

2nd Numeral L x (B + D) =

39525

Framing Depth "d," at middle of length. See Sec. 3 (1d)

24.13

Proportions—Depth to Length—Uppermost continuous deck to top of keel

11.8

Do. Long Bridge to top of keel

Draught Moulded

24' 6 1/2"

Launched

31st December 1929

Yard No. 560

Builders

A/S Burmeister + Wain

Owners

A/S Det Østasiatiske Kompagni

Managers

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

Residence

Copenhagen

Port of Registry

Copenhagen

If surveyed while building, afloat, or in dry dock

while building, afloat, + in dry dock.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30	✓	Bracket Floors, Frame	9 3/2 60	✓
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	9 3/2 49	✓
" " in peaks	24	✓	" " Vertical Struts	9 3/2 49	✓
IDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 57	✓
Frame Amidships, WHERE 3 DECKS Angle E or [	9 3/2 44	N.B.S (see below)	" " top Angles DOUBLE	3 1/2 3 1/2 54	✓
" " Extends up to UPPER DECK	✓		" " bottom Angles DOUBLE	5 5 60	✓
Reversed Frame Amidships, WHERE 2 DECKS Angle B.A.	12 3 1/2 57	N.B.S (see below)	Side Girders, No. each side and thickness	ONE 41	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	36 54	✓
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 44	✓
Frames in Uppermost Continuous 'tween Decks, Angle E or [	8 3 1/2 42	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	DOUBLE WHERE 2 DECKS 3 1/2 3 1/2 44	✓
" " Second 'tween Decks, Angle E or [	8 3 1/2 42	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	GUSSET PLATE 41 ALL FORE AND AFT.	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	WHERE 2 DECKS 48	✓
Framing in Peaks, Angle or [	8 3 1/2 40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	68 1/2 44 WHERE 3 DECKS	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 3/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	53 1/2 52	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	4 WEB FRAMES 20" x 40" FACE ANGLES 0 1/2 x 3 1/2 x 60° 2 SIDE STRINGERS 20" x 34" FACE ANGLE 3 1/2 x 3 1/2 x 42° A, B, C, STRAKES 60 TO COLL. GHD. 2 EXTRA INTERS 1 - FULL HEIGHT 1 - 1/2" FROM 3/4 LENGTH FORWARD BOTTOM FRAMES 5 x 5 x 48		Thickness of remainder in Holds	44	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	✓	✓
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	9 3 1/2 46	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or [✓	✓
Middle Line Keelson, on Floors, Angles, [or [			Spacing EVERY FRAME		
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle E or [	10 3 1/2 56	✓
" " Foundation Plate on Floors			Spacing EVERY FRAME		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle E or [	11 3 1/2 48	✓
Side Keelsons, No. each side			Spacing EVERY FRAME		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, [or [
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing	42 EVERY 3 RD FR.		Spacing		
" " Are Frame and Reversed Frame joggled?	YES.		Bridge Deck, Angle, [or [	9 3 1/2 42	✓
Bracket Floors, breadth and thickness at middle line	42 42		Spacing EVERY FRAME		
" " breadth and thickness at margin plate	52 42		Forecastle Deck, Angle, [or [	9 3 1/2 48 AND 8 3 1/2 40	✓
			Spacing EVERY FRAME		

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....		TWO - BUILT TUBULAR							
UPPER		SPACING AS APPROVED.							
in 'tween Decks, Size and Spacing.....		9" x 40	6" x 38						
SECOND		13" x 42 TO 10" x 44 (suplen)							
in Holds		FORWARD 17" x 64 TO 17" x 58							
" " " " " " AFT		13 1/2" x 58	10" x 47						
Centre Line Bulkhead.									
Stiffeners and Spacing.....									
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells		60	62						
" " " " in way of Bridge		60	40						
" Angle in Wells		6	6 - 60 (anlet)						
Thickness of Plating abreast Deck openings in way of Wells		54							
Thickness of Plating abreast Deck openings in way of Bridge		37							
Thickness of Plating within line of openings...		38							
If Sheathed, material and thickness		2 1/2" TEAK							
Second Deck.									
Stringer Plate, breadth and thickness in Wells		48	41						

EQUIPMENT No. 41423										LETTER B+		ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.		Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
90678	1st Bower	73	1	0	Stockless			55	10	0	0	72.2.0	Halls Stockless	Hingley & Sons	Utherton	2 1/4 1/9 H Green
90545	2nd "	72	1	0	"			55	0	0	0	72.2.0	" "	Not stated	"	1 1/2 1/9 "
90563	3rd "	62	0	23	"			49	12	2	0	62.0.0	" "	" "	"	2 1/4 1/9 "
	Collective weight.	207	2	23								207.0.0				
90581	Stream	20	3	18	5	1	10	21	12	2	0	20.2.0	Ordinary Iron Stockless	Hingley & Sons	Utherton	2 1/4 1/9 L Wright

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.	
85486	150	2 3/8	10 1/2	14 1/2	423.3	14	422.0	14	150	2 3/8	Stud links	Hingley & Sons Utherton 2 1/4 1/9 H Green	POWLINE	130	5 1/2	71	130	5 1/2	
85487	150	2 3/8	10 1/2	14 1/2	423.0	6	422.0	14	150	2 3/8	"	" " " 1/2 1/9 "	HAWSERS & WARPS	2090	4 1/2	39			
														4090	3 1/2	26			
														20100	8	MANILA	20100	8	
														20100	8	MANILA	20100	8	
From Stream (Chain or Steel Wire)	120	5		59					120	5									

Steering Gear, Steam *Electro-Hydraulic - John Hastie & Co.* Steering Gear, Hand *John Hastie & Co. Pedestal type*
 4 LIFEBOATS *27'6" x 8'3" x 3'8"*
 Boats 2 DINGHYS *18'0" x 5'9" x 2'6"* Steering Chains, Size and Test *✓* Windlass *Electric - Mrs. B. Thuge*
 Ceiling in Holds, thickness and material *2 1/2" Spruce pine* Cargo Battens, thickness, material and spacing *6'2" Spruce pine - 9"*
 Cargo Hatchways. (Upper Deck) *Steel plates 4 1/4 thick* Thickness of Hatches *2 1/2"*
 Size of No. 1 Hatchway (Forward) *25'6" x 18'0"* No. 2 *35'0" x 20'0"* No. 3 *25'0" x 20'0"* No. 4 *32'6" x 20'0"* No. 5 *22'6" x 18'0"* No. 6 *✓*
 Number of Shifting Beams and/or Fore and Afters *Nº 1 HATCH - 5 OFF 14 1/2 x 34 - Nº 2 HATCH - 6 OFF 13 x 34 - Nº 4 HATCH 12 3/4 x 33*
Nº 5 HATCH - 4 OFF 11 1/2 x 31

AKTIESELSKABET
 BURMEISTER & WAINSKIN- OG SKIBSBYGGERI.
 Builder's Signature *[Signature]*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel is fitted for the carriage of oil fuel in the double bottom tanks and in the deep tank between tunnel, flash point above 150° F.

The vessel has been built in accordance with the approved plans, the Secretary's letters and in conformity with the Society's Rules for the class contemplated.

The materials and workmanship are to our satisfaction.

The scantlings of the deck girders are in accordance with the approved plans.

All the double bottom tanks, peak tanks, and deep tank between tunnels, weather decks, W. Y. Bulkheads, gutterways, tunnels tested in accordance with the rules.

The amount of Entry Fee *£1.163.80* ✓ Fees applied for, *24.4.1930* *ABM*
 FREEBOARD. *£.200.20* ✓ Received by me, *28.5.1930* *ELL*
 Special Survey Fee.... *£1.628.55* ✓ WE ARE *100 A.I.*
 Travelling Expenses, if any £ *9.70* ✓ *£am* of opinion the Vessel should be Classed *with freeboard.*
 State whether the Vessel has been built under Special Survey *Yes* Signature *J. Macleod for self and L.R. Palmer.*
 Certificate to be sent to *Surveyors Office Copenhagen* Date of issue *2/6/30* *drms*
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 6 MAY 1930

Character assigned

+ 100 A. With freeboard

Write on
[Signature]

Lloyd's arch.

+ Lmb. 4.30 Oil Eng.
CL. D.B. 90th Elec. Lt.



© 2019

Lloyd's Register
 Foundation

W 151 - 0059(212)

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following approved plans and certificates are forwarded herewith.

Plans:- Midship Section. (approved and as built).

Profile and Decks. " " " "

Stemframe and Rudder.

Motor seating.

Propeller brackets.

Bossed Frames.

Cast steel Yiller.

Certificates:-

Nº 296 Stem frame.

Nº 302 Shaft Brackets.

Nº 8868 Rudder main piece and 6 arms.

Nº 8867 Rudder head.

Nº 8629 Stem bar.

Nº 2934 Yiller and Cap.

Particulars of Drop Test of Cast Steel Anchors, viz.:-
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower	44.0.2	K.H.	6292	28 th March 1929.
2nd "	43.2.14	D.O.W.	1653	25 th January 1929.
3rd "	35.3.14	D.O.W.	1625	5 th December 1928.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 37.37 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1st OK (STL) & SHELTER DK (STL - TEAK S).
3rd OK (STL) IN FORWARD HOLDS.

Official No. : Signal Letters N. H. G. M.

Is bottom of Vessel coated with cement No. if not give

particulars of composition Fore and after peaks cemented.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	125' 6"	354 327	Fore peak tank,		95
Double bottom, under Engines and Boilers	47' 6"	244 224	After peak tank,		95 99
Double bottom, if under Engines only,	✓		Deep tank, aft, BETWEEN TUNNEL		100
Double bottom, if under Boilers only,	✓		Deep tank, forward, ✓		
Double bottom, forward,	199' 3"	728 670	Other tanks, if fitted, ✓		
		Total capacity of double bottom 1326 1221	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 560

Date 1/10/1928.

Dates of Surveys held while building

1929:- 21/6; 22/7; 13/8; 20/8; 21/8; 29/8; 10/9; 17/9; 1/10; 4/10; 7/10; 9/10; 22/10; 23/10;
25/10; 26/10; 30/10; 4/11; 6/11; 13/11; 21/11; 22/11; 25/11; 29/11; 2/12; 4/12; 5/12;
16/12; 19/12; 23/12; 30/12; 17/12; 1930:- 10/1; 16/1; 24/1; 29/1; 20/1; 3/2; 5/2; 6/2;
13/2; 15/2; 19/2; 20/2; 27/2; 19/3; 17/3; 27/3; 4/4; 10/4; 14/4. Total No. of Visits 53.