

STEEL STEAMER or MOTORSHIP.

21 MAY 1929

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *15 May 1929*Port of *Copenhagen*No. *7970.*Survey held at *Copenhagen*Date First Survey *21/9/1928*Last Survey *27/4*

1929

On the *(State if Machinery fitted with or without Tonnage Openings)**Twin screw Motorvessel > STJERNEBORG*State Type *(Full scantling, Complete Superstructure with or without Tonnage Openings)**Complete Superstructure, with Tonnage Opening*State Type of Erections *✓*TONNAGE under Tonnage Deck... *4131.64*CLASS *100A1*State if with freeboard as condition of Class *yes*

FEET.

Built at *Copenhagen*Launched *6 March 1929* Yard No. *557*Builders *A/S. Burmeister & Wain's Maskin- & Skibstøpveri.*Owners *A/S. Dampskibsselskabet*Managers *C. X. Hansen*

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

Residence *Copenhagen*Port of Registry *Copenhagen*

If surveyed while building, afloat, or in dry dock

*yes*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*

Total

Gross Tonnage *4532.25*Register Tonnage *2772.10*

REGISTERED DIMENSIONS. FEET.

Length *380.00*Breadth *53.9*Depth *25.3*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 380'-0"*Breadth (greatest moulded) *B 53'-6"*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'-0"*1st Longitudinal Number (L x D) *= 13680*2nd Numeral L x (B + D) *= 34010*Framing Depth "d," at middle of length. See Sec. 3 (1d) *23'-11"*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.55*
Do. Long Bridge to top of keel *✓*Draught Moulded *24'-10"*

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	36"		Bracket Floors, Frame	32" 44"	
" from $\frac{3}{4}$ length to Collision bulkhead	27"		" " Reversed Frame	9 32" 44"	
" in peaks	24"		" " Vertical Struts	9 32" 44"	
FRAMING.			Centre Girder, depth and thickness amidships	42" 54"	
Frame Amidships, Angle, \angle or \square	12 32" 72"		" " top Angles <i>Double</i>	32 32" 52"	
" Extends up to	2nd Deck		" " bottom Angles	6 6" 58"	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1- 44"	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39 1/2" 50"	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	6 6" 42"	
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \square	7 32" 34"		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	6 6" 42"	
" Second 'tween Decks, Angle, \angle or \square	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	Continuous 40"	
" Third " " " "	✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	7'-0" 48"	
Spacing in Peaks, Angle or \square	7 32" 36"	<i>(1/2) rule</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
Number and Spacing of Rivets through Frame and Shell Plating amidships	7/8" 5 1/2" spac.		INNER BOTTOM PLATING.		
State if Frame Joggled	yes		Breadth and thickness of Middle Line Strake	51" 50"	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars.	<i>3 webstr 39" x 54"</i> <i>4 Stringers 39" x 40"</i>		Thickness of remainder in Holds	42"	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>3-5 diagonal webstr in 1/2 height.</i> <i>bottom frames</i> <i>forward of 3/5 length: Double 32" x 32" x 42"</i>		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?	yes	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Walls, Angle, \angle or \square	82 32" 59"	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, \angle or \square	✓	
Middle Line Keelson, on Floors, Angles, \angle or \square			Spacing	30"	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, \angle or \square	32 32" 58"	<i>10 1/2</i>
" " Foundation Plate on Floors			Spacing	30"	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, \angle or \square		
Double Keelsons, No. each side			Spacing		
" thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, \angle or \square		
" Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, \angle or \square		
Solid Floors, thickness and spacing	<i>every 3rd frame</i> <i>41-42"</i> <i>41-42"</i>	<i>40</i>	Spacing		
" Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, \angle or \square		
Bracket Floors, breadth and thickness at middle line	39" 40"		Spacing		
" breadth and thickness at margin plate	36" 40"		Forecastle Deck, Angle, \angle or \square	9 32" 58"	
			Spacing	<i>every frame</i>	

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.....	one			Stringer Plate, breadth and thickness in way of Bridge	✓		
„ in 'tween Decks, Size and Spacing.....	widely spaced 7 1/2'	.40		Thickness of Plating abreast Deck openings in way of Wells	✓	.36	
„ „ „ „ „	✓			Thickness of Plating abreast Deck openings in way of Bridge	✓		
„ in Holds [after] „	widely spaced { 2- 16' .60 1- 16' .56 1- 14' .60 [12 x 4' x .60 } [12 x 12' x .50 } [3' x .60 }	.60 .56 .60 .60 .50 .60	See plans	Thickness of Plating within line of openings..		.34	
Centre Line Bulkhead [Forehold]				If Sheathed, material and thickness	---		
Stiffeners and Spacing.....	Alternate frames			Third Deck.			
Plating, thickness of30		Stringer Plate, breadth and thickness.....			
STRINGERS AND DECKS.				If Plated, state thickness.....			
Uppermost Continuous Deck.				Fourth Deck.			
Stringer Plate, breadth and thickness in Wells	57	.54		Stringer Plate, breadth and thickness.....			
„ „ „ „ in way of Bridge	✓			If Plated, state thickness			
„ Angle in Wells	5 5	.54		Poop Deck.			
Thickness of Plating abreast Deck openings in way of Wells42		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Bridge	✓			Plating, Sheathing, material and thickness ..			
Thickness of Plating within line of openings...		.37		Bridge Deck.			
If Sheathed, material and thickness	✓			Stringer Plate, breadth and thickness.....			
Second Deck.				Plating, Sheathing, material and thickness ..			
Stringer Plate, breadth and thickness in Wells	47	.40		Forecastle Deck.		.42	
				Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness ..		.34	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>no</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>51</i>	<i>.75</i>	<i>.75</i>	<i>.66</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>4</i>	<i>1</i>	<i>4</i>	<i>Lapped</i>
" DBLG. (if any)	<i>✓</i>	<i>.77</i>	<i>.77</i>									
BOTTOM PLATING, No. of Strakes	<i>76</i>	<i>.57</i>	<i>.57</i>	<i>.48</i>	<i>1</i>	<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3</i>	<i>7/8</i>	<i>3 1/8</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes	<i>69</i>	<i>.57</i>	<i>.48</i>	<i>.48</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of Strakes	<i>76</i>	<i>.57</i>	<i>.46</i>	<i>.46</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer- strake in Wells	<i>50</i>	<i>.65</i>	<i>.46</i>	<i>.46</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>4</i>	<i>"</i>	<i>3 1/2</i>	<i>"</i>
UPPER DECK, Sheer- strake in Bridge ...	<i>✓</i>											
STRAKE BELOW Sheer- strake in Wells	<i>56 1/2</i>	<i>.62</i>	<i>.46</i>	<i>.46</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Lapped</i>
STRAKE BELOW Sheer- strake in Bridge ...	<i>✓</i>											
POOP SIDE PLATING	<i>✓</i>											
BRIDGE SIDE PLATING ...	<i>✓</i>											
FOREC'TLE SIDE PLATING			<i>.40</i>			<i>Double</i>	<i>3/4</i>	<i>3 1/2</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 1

„ Deck next below 7

As per Rule 6

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	forged	9½ × 2 3/8		
2 Shaft-brackets Cast steel	✓			
STERN { Propeller Post	✓			
FRAME { Rudder " Cast steel		10 × 3 1/8		
RUDDER—A × D	373			
Speed of Vessel	11 Knots			
RUDDER mainpiece at head	forged	9½		
" " heel	7½			
" " how constructed	5 forged steel arms			
" double or single plate	single	1.06		
" coupling, vertical or horizontal	horizontal			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Kaiser Martin Steel.*
Witkowitzer Bergbau- & Eisenhütten gewerkschaft in Witkowitz. Mannsmann'sches Werk, ab-
Carpfleet Iron Co, Middlesbrough.
Has the Steel been tested as required by the Rules? *yes.* *Walzwerk & Schmiedewerkzeug*

EQUIPMENT No. 34389										LETTER <i>y</i>		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.				
<i>1286</i>	1st Bower ...	60	2	0	✓			49	3	0	0	60-0-0	} <i>Hall's Patent</i>	<i>N. V.</i>	} <i>Rotterdam</i>	
<i>1282</i>	2nd „ ...	60	0	4	✓			49	3	0	0	60-0-0		<i>Nederlandsche</i>		} <i>14-2-28</i>
<i>1287</i>	3rd „ ...	53	1	0	✓			45	1	0	0	52-2-0		<i>Kettingen</i>		
	Collective weight.	173	3	4								170-2-0		<i>on anchor-</i>	} <i>P. F. Willemsse</i>	
<i>1289</i>	Stream	16	2	6	5	0	10	18	0	0	0	16-2-0	<i>Common</i>	<i>Tubrick</i>		

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.	Length.		Ins.	
	Fathoms.	Ins.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
61	135	2 3/16	122428	87583	12047	183256	645 3/4	270	2 3/16	stud	A/g Borsig- Werke	London 25-2-29	TOWLINE...	120	4 3/4	65.5	120	4 3/4
32881	135	2 3/16	86 1/2	120 1/2	323-2-21						Kendrick & Moleh, Ch. Heath	Cardiff 12-3-29						
	270											a. Jones.	HAWSERS & WARPS }	2x90	3	18	2x90	8 1/4
															2x90	2 3/4	15.5	2x90

Steering Gear, Steam *Electric-Hydraulic Thomas B. Thrigs* Steering Gear, Hand *Thomas B. Thrigs*
2 lifts: 26'-0" x 8'-0" x 3'-3" *Odense*
Boats *2 dingies: 16'-0" x 5'-6" x 2'-3"* Steering Chains, Size and Test ✓ Windlass *Electric. Th. B. Thrigs.*
Ceiling in Holds, thickness and material *2 1/2" pine* Cargo Battens, thickness, material and spacing *2" pine, sp. 9"*
Cargo Hatchways.—(Upper Deck) *2'-8" x .44* Thickness of Hatches *2 1/2" wood.*
Size of No. 1 Hatchway (Forward) *29'-3" x 20'-0"* No. 2 *30'-0" x 20'-0"* No. 3 *30'-0" x 20'-0"* No. 4 *30'-0" x 20'-0"* No. 5 *30'-0" x 20'-0"* No. 6 ✓
Number of Shifting Beams and/or Fore and Afters *No. 1: 5, No. 2: 5, No. 3: 5, No. 4: 5, No. 5: 5.*

AKTIESELSKABET
BURMEISTER & WAINSKIN- OG SKIBSBYGGERI

Builder's 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 ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

— This vessel has been built in accordance with the approved plans, the secretary's orders, and as required by the rules.

— The double bottom tanks, the deep-tank, the peak tanks have been tested and found tight.

— The workmanship is good, and the materials are to my satisfaction.

— The freeboard has been verified.

— Oil fuel is carried in the double bottom tanks; flash-point above 150° Fahrenheit.

The amount of Entry Fee £ : 145.60
Special Survey Fee.... £ 5489.12
Freeboard 163.80
Travelling Expenses, if any £ : 18.10
Fees applied for, 16.5 19 29
Received by me, 5.6 19 29

I am of opinion the Vessel should be Classed *100 A1 with freeboard*
Lloyd's a x c p.

State whether the Vessel has been built under Special Survey *yes*

Signature

Jac. Rosen
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Surveyors Office Copenhagen*

Date of issue *24/5/29*

Committee's Minute

FRI. 24 MAY 1929

Character assigned

+ 100 A1 With Freeboard

Lloyd's a x c p

+ L.M.O 4. 29

Oil Engines

S.A. 100 lbs

Wide Open

My



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Lloyd's Register Foundation

W50-0027(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.)

- Plans: 1. Midship section,
2. Longitudinal Section,
3. Deep tank,
4. Pillars in after hold,
5. Motor seating,
6. Boss frames,
7. Boss brackets,
8. Sternpost & Rudder.

Forging & Casting Certificates:

Casting: 2 Shaft Brackets, Strömmer Verket (Christiania No. 260) mark 7003 & 7004, 16.10.28. P. 9.
Forging: 1 Rudder head & 3 arms, Børn. & Wain (Copenhagen No. 8136) " 9801. 28.2.29. A. P.
" 1 " main piece & 2 " " " " 8156 " 9865. 15.2.29. A. P.
Casting: 1 Stem frame, Kockswä Steel Works (Stockholm No. 6341) " 6341. 3.9.28. A. I.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	1286, Cast steel anchor head, 40-3-19, AB, 2082, 16/10 28.
	2nd "	1282, " " " 40-1-5, AB, 2069, " "
	3rd "	1287, " " " 32-2-5, AB, 2120, 9/11 "
	Stream	1289, Main piece, 16-2-6, KH, 5690, 16/8 "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 35'-0" (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) 2 DK (Stl)

Official No. ☒ ; Signal Letters N. H. F. W. Is bottom of Vessel coated with cement ☒ if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	125	352	Fore peak tank,		97
Double bottom, under Engines and Boilers,	✓		After peak tank,		119
Double bottom, if under Engines only,	35	120	Deep tank, aft,	✓	
Double bottom, if under Boilers only,	173	636	Deep tank, forward, <u>amidships</u>	28	1060
Double bottom, forward,			Other tanks, if fitted, <input checked="" type="checkbox"/>		
Total capacity of double bottom		1108	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.
333

Order for Special Survey No. 6
Date 23/7/1928
Dates of Surveys held while building { 1928: 21/9 - 22/10 - 31/10 - 5/11 - 8/11 - 9/11 - 13/11 - 19/11 - 21/11 - 22/11 - 24/11 - 29/11
6/12 - 8/12 - 10/12 - 13/12 - 14/12 - 20/12 - 24/12 - 31/12
1929: 5/1 - 14/1 - 20/1 - 21/1 - 28/1 - 29/1 - 1/2 - 2/2 - 11/2 - 13/2 - 15/2 - 19/2
21/2 - 22/2 - 25/2 - 2/3 - 4/3 - 12/3 - 14/3 - 18/3 - 21/4 - 15/4 - 27/4
Total No. of Visits 43