

## STEEL STEAMER or MOTORSHIP.

Received at London Office

14 JUN 1928

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 *9 JUNE 1928.*Port of *Copenhagen*No. *7727.*Survey held at *COPENHAGEN*Date First Survey *5 Nov. 1927*Last Survey *12 May 1928.*On the *Single Screw Motor ship "BRETAGNE"*State Type *(Full Sailing, Complete Superstructure with or without Tonnage Openings)* *Full Sailing*State Type of Erections *(Boon-Bridge (Long)-Forecastle with Hatchways in Walls)*TONNAGE under Tonnage Deck... *2729.67*CLASS *8/100 A 1.*State if with freeboard as condition of Class *✓*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) *325'-0"*Launched *31 March 1928* Yard No. *355.*Total *✓*Breadth (greatest moulded) *B 49'-10"*Builders *A/S BURMEISTER & WAIN'S MASKIN- & SKIBSBYGGERI.*Gross Tonnage *3176.67*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 23'-0"*Owners *A/S DET DANSK FRANSKE DAMPSKIBSELSKAB.*Register Tonnage *1930.66*1st Longitudinal Number (L x D) *= 7475*Managers *✓*

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

2nd Numeral L x (B + D) *= 23670*Residence *Copenhagen*

## REGISTERED DIMENSIONS. FEET.

Length *326.2*Framing Depth "d," at middle of length. See Sec. 3 (1d) *19'-7 1/4"*Breadth *50.1*Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.1*Depth *20.8*Do. Long Bridge to top of keel *10.65*Draught Moulded *20'-5"*Port of Registry *Copenhagen*If surveyed while building, afloat, & in dry dock *yes.*

## 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	8 x 3 1/2 x 48			✓
" " from 1/2 length to Collision bulkhead			27	✓	" " Reversed Frame	7 1/2 x 3 x 48			✓
" " in peaks			24	✓	" " Vertical Struts	7 1/2 x 3 x 48			✓
SIDE FRAMING.					Centre Girder, depth and thickness amidships	37 x 46			✓
Frame Amidships, Angle, <i>E or C</i>	250	90	14	✓	" " top Angles	5 x 5 x 44			✓
" " Extends up to <i>Upper deck</i>					" " bottom Angles	5 x 5 x 50			✓
<i>2 in Deep Oil Tank</i>	270	90	14.5	✓	Side Girders, No. each side and thickness	1044		37	✓
Reversed Frame Amidships, Angle	240	90	13.25	✓	Margin Plate depth (excl. of flange) and thickness	36 x 44			✓
<i>Frames between Coll. Bulkhead &amp; 1st. Form.</i>					" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2 x 3 1/2 x 34			✓
" " Extends up to <i>Upper deck</i>					" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 x 6 x 56			✓
Depth of Framing Girder	✓				" " Gussets, spacing and scantling abaft 1/4 len. from stem	3 1/2 x 3 1/2 x 36 } on return fr.			✓
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or C</i>	180	70	8	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	3 1/2 x 3 1/2 x 36 } on way fr.			✓
" " Second 'tween Decks, Angle, <i>E or C</i>	✓				Tank Side Brackets, height above base line at toe of Frame and thickness	5'-3" x 43			✓
" " Third " " " "	✓				INNER BOTTOM PLATING.				
Framing in Peaks, Angle or <i>C</i>	6 1/2	3	34	✓	Breadth and thickness of Middle Line Strake	47 x 42			✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 riv, 6 1/2 centre			✓	Thickness of remainder in Holds			39	✓
State if Frame Joggled	<i>yes</i>			✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?	<i>yes</i>			✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>3 side str. 25" x 31</i> <i>3 web str. 25" x 44</i> <i>Keels to shell 6 x 6 x 40.</i>			✓	BEAMS.				
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double frames forward of 1/5 L</i> <i>3 1/2 x 3 1/2 x 36</i>			✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or C</i>	7 1/2 x 3 1/2 x 48			✓
SINGLE BOTTOM.	<i>2 extra interc. in 1/2 H. 34</i>			✓	" " in way of Bridge, Angle, <i>E or C</i>	270 x 90 x 13			✓
Floors, Depth and thickness at mid-line in Holds					Spacing	30 x 27			✓
Height of Brackets at side above base line at toe of frame					Second Deck, amidships, Angle, <i>E or C</i>				✓
Middle Line Keelson, on Floors, Angles, <i>E or C</i>					Spacing				✓
" " Through Plate or Intercostal Plate					Third Deck, amidships, Angle, <i>E or C</i>				✓
" " Foundation Plate on Floors					Spacing				✓
" " Flat Plate Keel Angles					Fourth Deck, amidships, Angle, <i>E or C</i>				✓
Side Keelsons, No. each side					Spacing				✓
" " thickness of Intercostal Plate					Poop Deck, Angle, <i>E or C</i>	6 1/2 x 3 x 40			✓
" " Angles					Spacing	24			✓
DOUBLE BOTTOM.					Bridge Deck, Angle, <i>E or C</i>	8 1/2 x 3 x 42			✓
Solid Floors, thickness and spacing	38	7 1/2"		✓	Spacing	30			✓
" " Are Frame and Reversed Frame joggled?	<i>Frames - yes.</i> <i>Rev. fr. only in motor holds</i>			✓	Forecastle Deck, Angle, <i>E or C</i>	8 x 3 x 40			✓
Bracket Floors, breadth and thickness at middle line	36	38		✓	Spacing	27 x 24			✓
" " breadth and thickness at margin plate	35	38		✓					



# PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing.....								
" " " " "								
in Holds " "								
" " " "								
Centre Line Bulkhead. { After Hold 5 Fore Hold 5	180	75	10.8					
Stiffeners and Spacing..... { 270 40 13.0 240 40 14.0								
Plating, thickness of { Bridge 7 Holds Bridge	130	75	8.0					
STRINGERS AND DECKS.								
Uppermost Continuous Deck.								
Stringer Plate, breadth and thickness in Wells	49		1.29					
" " " " in way of Bridge	49		.36					
" Angle in Wells	160	160	21.7					
Thickness of Plating abreast Deck openings in way of Wells			.68					
Thickness of Plating abreast Deck openings in way of Bridge			.31					
Thickness of Plating within line of openings...			.30					
If Sheathed, material and thickness								
Second Deck.								
Stringer Plate, breadth and thickness in Wells...								
Stringer Plate, breadth and thickness in way of Bridge								
Thickness of Plating abreast Deck openings in way of Wells								
Thickness of Plating abreast Deck openings in way of Bridge								
Thickness of Plating within line of openings...								
If Sheathed, material and thickness								
Third Deck.								
Stringer Plate, breadth and thickness.....								
If Plated, state thickness.....								
Fourth Deck.								
Stringer Plate, breadth and thickness.....								
If Plated, state thickness								
Poop Deck.								
Stringer Plate, breadth and thickness	31		.32					
Plating, Sheathing, material and thickness			.30					
Bridge Deck.								
Stringer Plate, breadth and thickness.....	49 1/2		.48					
Plating { Sheathing, material and thickness			.37					
Forecastle Deck.								
Stringer Plate, breadth and thickness.....	30		.31					
Plating { Sheathing, material and thickness			.32					

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		No. OF ROWS OF RIVETS.		Diam.	Spacing or to cr.
FLAT PLATE KEEL	46	.64	.58	.58		Double	7/8 3 1/2	3 Rows	7/8 3 1/2		
" DELG. (if any)											
BOTTOM PLATING, No. of Strakes	69 1/2	.56	.42	.42		Double	7/8 3 1/4 3	3 Rows	7/8 3 1/4 2 5/8		Lapped
BILGE PLATING, No. of Strakes	62	.56	.42	.42		"	" " " "	"	" " " "		
SIDE PLATING, No. of Strakes	69	.56	.40	.40		"	" " " "	"	" " " "		
UPPER DECK, Sheer-strake in Wells	49	.84	.40	.40		"	1 1/8 4 1/2 3 1/2	4 Rows	1 1/8 4 1/2 3 1/2		
UPPER DECK, Sheer-strake in Bridge	49	.56				"	7/8 3 1/2	3 Rows	7/8 3 1/2		
STRAKE BELOW Sheer-strake in Wells	69	.66	.40	.40		"	7/8 3 1/4 3	3 Rows	7/8 3 1/4 3		
STRAKE BELOW Sheer-strake in Bridge	69	.56				"	7/8 3 1/2	3 Rows	7/8 3 1/2		
POOP SIDE PLATING				.35		Single	7/8 2 1/2	2 "	5/8 2 1/2		
BRIDGE SIDE PLATING	55 1/2 40 1/2	.54				double	7/8 3 1/2	3 "	7/8 3 1/2		
FORECASTLE SIDE PLATING			.38			single	3/4 3	2 "	3/4 2 5/8		

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		544 ✓				
" Deck next below		✓				
As per Rule		344 ✓				
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks		✓				
" " Second "		✓				
" " Third "		✓				
" " Holds .....		{ 5	{ 240 x 90 x 11.5 } 30"			
			{ 38-26 270 x 90 x 13. }			
COLLISION						
" (in Hold) .....		{ 46-26	{ 230 x 90 x 11.5, 240 x 90 x 11.5 } 30"			
AFTER PEAK		{ 46-30	{ 220 x 75 x 11.5, 240 x 75 x 11.5 } 30"			✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
STERN FRAME { Propeller Post Rudder				
RUDDER—A x D				
Speed of Vessel				
RUDDER mainpiece at head				
" " heel				
" how constructed				
" double or single plate				
" coupling, vertical or horizontal				

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Witkowski Bergbau- & Eisenhütten-fabrik in Witkowski.
	Has the Steel been tested as required by the Rules?



EQUIPMENT No. 25267												LETTER V		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.			
1171	1st Bower ...	50	0	0				43	0	0	0	48-3-0	Hart's Patent	}	Rotterdam J.F. Willemsse 1-3-28
1172	2nd „ ...	49	2	0				42	1	0	0	“ - “ - “			
1173	3rd „ ...	48	2	0				41	11	0	0	41-2-0			
	Collective weight.	148	0	0								139-0-0	✓	}	14-11-27 Rotterdam P.F.W.
1145	Stream .....	14	0	8	4	2	25	16	1	0	0	13-0-0			

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
1583	270	2	100-16-0	72-0-0	551-2-0			538-3-0	270	2	Stud	N.V. Kettingen en Ankerfab.	Rotterdam P.F.W. 19-12-27	TOWLINE...	120	4" F.W.	44.6	120-4" 5 W.	
														HAWSERS & WARPS	2x90	2 1/2" W.		2x90-2 1/2" W.	
															2x90	2 1/2" W.		2x90-2 1/2" W.	
															1x90	2 3/4" W.			
															2x90	7" W.			
Iron Stream Chain Steel Wire	90	4 1/2		59.95					90	4 1/2									
		5 W.								5 W.									

Steering Gear, Steam *Electric-Hydraulic* Steering Gear, Hand *John Hartie & Co, Greenwich*

Boats *2 Wood - 23'-0" x 7'-6" x 2'-11"* Steering Chains, Size and Test *✓* Windlass *Electric, Thomas B. Briggs Odense*

Ceiling in Holds, thickness and material *2 1/2" pine* Cargo Battens, thickness, material and spacing *6" x 2" sp. 9"*

Cargo Hatchways.-(Upper Deck) *Steel Sparrings: 1/4" x 2'0" height* Thickness of Hatches *3" pine*

Size of No. 1 Hatchway (Forward) *24'-9" x 20'-0"* No. 2 *27'-6" x 20'-0"* No. 3 *27'-6" x 20'-0"* No. 4 *30'-0" x 20'-0"* No. 5 *30'-0" x 20'-0"* No. 6 *✓*

Number of Shifting Beams *4* *on top of 4'-6" transverse* *on Bridge* *on Bridge*

Builder's Signature *BURMEISTER & WAINSKIN- OG SKIBSBYGGERI*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *✓* (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.

*The vessel has been built in accordance with the approved plans, the Secretary's letters, and according to the Rules for the building of steel-ships, and to my satisfaction.*

*The double-bottom-tanks, the afterpeak-tanks, the deep-refuel-tanks, bulkheads, tunnel, decks, scuppers & sanitary-rooms 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 Nos. 3-4-5, and in 2 side-deep-tanks placed in Motor space, flashpoint above 150°F.*

The amount of Entry Fee ..... £ *27.33 Kr.* Fees applied for, *12.6 19.28*

Special Survey Fee.... *4255.16 Kr.* Received by me, *8.8.28*

*Frederik* *145.52 Kr.*

Travelling Expenses, if any £ *11.25 Kr.*

I am of opinion the Vessel should be Classed *100A 1.*

Signature *Jac. v. Rosen.*

State whether the Vessel has been built under Special Survey *yes* Supervisor to Lloyd's Register of Shipping.

Certificate to be sent to *Copenhagen* Date of issue *19/6/28*

Committee's Minute *TUES. 19 JUN 1928*

Character assigned *7- 100A1*

*Lloyd's ascp* *thru 5.28* *CL.*

*DB- 10016*

*Oil Engines*

*Wille Hjelte*



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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.)

SISTER VESSEL: Burmeister & Wain No. 353. "IRLAND". Green Lagoon Report 7605. 27-12-27.

APPROVED PLANS: - Midship section,  
- Longitudinal section & Decks,  
- Steamport & Rudder,  
- Deckbulkhead, Hatches, Deep-Water Ballast Tank.

Certificates: - One Rudder Head, Gun No. 9093. 27-1-28. A.O.  
- One Rudder Mainpiece, w. 5 arms, Gun 9053. 18-1-28. A.O.  
- One Cast steel Stem frame, Gun No. 86. 11-1-28. A.O.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	1171	Anchorhead	33-3-9	818	M A B	31-1-28.
	2nd "	1172	"	33-3-11	819	M A B	31-1-28.
	3rd "	1173	"	33-3-5	815	M A B	31-1-28.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.7 ft., R.Q.D. ☒ ft., Bridge 155.0 ft., Forecastle 27.7 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) 1 DK of Steel.

Official No. ☒ ; Signal Letters NGWT Is bottom of Vessel coated with cement ☒ if not given particulars of composition O/L.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	105-0	294	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,	<input checked="" type="checkbox"/>	110
Double bottom, if under Engines only,	32-6	106	Deep tank, aft, Amidships, 1 each side MOTOR-SPACE (198 TONS OIL)	<input checked="" type="checkbox"/>	212
Double bottom, if under Boilers only,	139-9	424	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	824	(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. 9.

Date 30-3-27

Authorisation 34-4-27.

Dates of Surveys held while building

1927: 5/11-17/11-29/11-2/12-16/12-17/12-1928: 3/1-11/1-19/1-23/1-11/2-20/2-23/2-29/2-2/3-5/3-7/3-15/3-17/3-19/3-26/3-10/4-16/4-28/4-5/5-11/5-12/5.

Total No. of Visits 2