

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 MAR 1926

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yesDate of completion of report 12-3-1926Part of RouenNo. 493Survey held at RouenDate First Survey April 8th 1924 Last Survey March 2nd 1926On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) Twin screw M.V. "TITUCA"State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Complete superstructure with 170 ft State Type of Erections Roop + 7 ftTONNAGE under Tonnage Deck 4711CLASS 100A.1.State if with freeboard as condition of Class yesBuilt at Rouen France 1926Do. of space or spaces between Tonnage Dk. and Upper Dk. 187Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 1416'-8"Launched 3-9-25 Yard No. E5Total 4898Breadth (greatest moulded) B 54'-1 5/8"Builders Chantier de Normandie Grand Quevilly RouenGross Tonnage 5374Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38'-8"Owners Wilhelmson DampskibsselskabRegister Tonnage 32511st Longitudinal Number (L x D) = 16149Managers Wil. Wilhelmson

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

2nd Numeral L x (B + D) = 38667Residence Oslo

STERED DIMENSIONS.

FEET.

416'-8"54'-1 5/8"38'-8"Framing Depth "d," at middle of length. See Sec. 3 (1d) 14'-5"Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.776

Do. Long Bridge to top of keel

Draught Moulded 27'-5"Port of Registry Tonsberg

If surveyed while building, afloat, or in dry dock

yes. Building afloat & in Drydock.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
IS, Spacing amidships	820		Bracket Floors, Frame	L 203x90x10.4	
" from 1/4 length to Collision bulkhead	685		" " Reversed Frame	L 203x90x10.4	
" in peaks	610		" " Vertical Struts	L 203x90x10.4	
RAMING.			Centre Girder, depth and thickness amidships	1140x15 1/2-120	
e Amidships, Angle <u>E</u> or <u>[</u>	290x90x12		" " top Angles	L 89x89x14.29	
" Extends up to	Shelter deck		" " bottom Angles	L 127x127x15.9	
sed Frame Amidships, Angle <u>L</u> 150x90x12 every 4 th frame in motor room			Side Girders, No. each side and thickness	2 10.5	
" Extends up to	3 rd deck		Margin Plate depth (excl. of flange) and thickness	960x14.29	
of Framing Girder	320 in Motor room and fore hold		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	L 89x89x11.8	double
es in Uppermost Continuous 'tween Decks, Angle, <u>[</u> or <u>[</u>			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	L 150x150x12	double
" Second 'tween Decks, Angle, <u>[</u> or <u>[</u>			" " Gussets, spacing and scantling abaft 1/4 len. from stem	every frame 36-134 775x570x12.5	
" Third " " "			" " <u>web plates</u> spacing and scantling forward 1/4 len. from stem	Brackets from 135 to 153 2200x1380x12.5	
ng in Peaks, Angle or <u>[</u>	206x90x14.5		Tank Side Brackets, height above base line at toe of Frame and thickness	2200x12.5	
ter and Spacing of Rivets through Shell Plating	21, spaced 115 in Motor room, fuel bunkers & peaks 125 elsewhere		INNER BOTTOM PLATING.		
f Frame Joggled	yes		Breadth and thickness of Middle Line Strake	1375x13.5	
G ARRANGEMENTS (Sec. 7), state system and particulars	3. side stringers in peaks & No. hold R.F. 150x90x14 L to 3 rd deck for 10% from fore peak B.H.		Thickness of remainder in Holds	11	
THENING OF BOTTOM FOR.	floor bottom bars 130x130 x 11.5, side plating strengthened by extra girder		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	
ID. State Particulars			BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>[</u>	254x89x12	
Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, <u>[</u> or <u>[</u>		
Height of Brackets at side above base line at toe of frame			Spacing	every frame	
Line Keelson, on Floors, Angles, <u>[</u> or <u>[</u>			Second Deck, amidships, Angle, <u>E</u> or <u>[</u>	290x90x13	
" " Through Plate or Intercoastal Plate			Spacing	every frame	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, <u>E</u> or <u>[</u>	290x90x13	(in plan)
" " Flat Plate Keel Angles			Spacing	every frame	
elons, No. each side			Fourth Deck, amidships, Angle, <u>[</u> or <u>[</u>		
" thickness of Intercoastal Plate			Spacing		
" Angles			Poop Deck, Angle, <u>E</u> or <u>[</u>	190x90x9.5 190x76x11	
BOTTOM.			Spacing	every frame	
loors, thickness and spacing	10.5 every 3 rd frame		Bridge Deck, Angle, <u>[</u> or <u>[</u>		
" Are Frame and Reversed Frame joggled?	yes except W.T. floors		Spacing		
t Floors, breadth and thickness at middle line	835x10.8		Forecastle Deck, Angle, <u>E</u> or <u>[</u>	254x89x12	
" breadth and thickness at margin plate	835x10.8		Spacing	every frame	

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PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. m m.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows..... one					
" in 'tween Decks, Size and Spacing.....	74 alt /		Stringer Plate, breadth and thickness in way of Bridge	1200 x 12	
" " " " " "	548 x 20.5 455 x 17.5 455 x 18.5 400 x 16.5		Thickness of Plating abreast Deck openings in way of Wells	9	
" in Holds " "	wide spaced		Thickness of Plating abreast Deck openings in way of Bridge	9	
" " " " " <u>Green Pt</u>	100 x 80 x 9 L 102 x 76 x 8.5 L 203 x 89 x 9.5 L 203 x 89 x 10.3 L 152 x 89 x 9.5 L 203 x 89 x 10.3 L	spaced 820 to 685	If Sheathed, material and thickness	✓ 8/11	
Centre Line Bulkhead.	Holds		Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	1220 x 11.9	
Plating, thickness of	7.5 - 6.5		If Plated, state thickness.....	8.5 to 7.5	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	1520 x 16		If Plated, state thickness	✓	
" " " " , in way of Bridge			Poop Deck.		
" Angle in Wells	L 152 x 152 x 15.8		Stringer Plate, breadth and thickness	1100 x 9	
Thickness of Plating abreast Deck openings } in way of Wells	12.5		Plating, Sheathing, material and thickness ...	6.5 plating 65 m/m P.P.	
Thickness of Plating abreast Deck openings } in way of Bridge	12.5		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...	1220 x 12		Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	950 x 9 + 11 under Windlass	
			Plating, Sheathing, material and thickness ...	6.5	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			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.		
PLATE KEEL	1346	22	19	19		Double	25	91	3 at ends 4 - 3/5 L	25	87 100	Lapped	
„ DBLG. (if any)						✓	✓	✓	✓	✓	✓	✓	
3	-	17	17	12.5		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes 4		17	17	12.5		Double	21	84	4 - 1/2 L 3 - ends	21	84 74	Lapped	
BILGE PLATING, No. of Strakes 2		17	19	17		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes 6		16	19 below w. L 12.5 above	12.5		"	"	"	3	21	74	"	
UPPER DECK, Sheer- strake in Wells.....	1370	19	13.2	13.2		Single	19	76	4 - 1/2 L 3 ends	25 21	100 74	"	
UPPER DECK, Sheer- strake in Bridge ...						✓	✓	✓	✓	✓	✓	✓	
STRAKE BELOW Sheer- strake in Wells.....	1370	16	12.5	12.5		Double or Single ends	25 21	91 84	4 3	21 21	84 74	Lapped	
STRAKE BELOW Sheer- strake in Bridge ...						✓	✓	✓	✓	✓	✓	✓	
POOP SIDE PLATING				10		Single	19	76	1	19	67	Lapped	
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
FORECASTLE SIDE PLATING			10.5			Single	19	76	1	19	67	Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	Seven
Extending to Upper Deck (Sec. 3 c).....	4
„ Deck next below.....	3
As per Rule.....	7

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM Forging & casting	✓	255 x 67	SKODA	✓
STERN FRAME { Propeller Post	"	✓	✓	✓
{ Rudder	"	270 x 83	Skoda	✓
RUDDER—A x D				
Speed of Vessel 12.5				
RUDDER mainpiece at head ...	"	284 x 278	"	✓
" " heel ...	"	210	"	✓
" how constructed		Ordinary		
" double or single plate		Single		
" 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) *Bessemer & Co. Quincy, Mass.*

Providence, Dorman Long (Steel Siemens

Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 39666												LETTER a +		ANCHORS. 3-1		
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.					
28465	1st Bower ...	65	1	0				51	2	2	0	✓	stockless	W.L. Byers	Sunderland 30/9/24	
28477	2nd " ...	65	0	14				51	2	2	0	✓	"	"	3/10/24	
28560	3rd " ...	65	-	-				51	-	-	-	✓	"	"	W.H. Biebeck 10/11/24	
	Collective weight.	195	1	14								✓				
15592	Stream	19	0	0	4	3	0	19 3/4				✓	Common	✓	Cardiff 17/1/24	

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.	Cir.		Fathoms.	Ins.	Fathoms.	Ins.
	Fathoms.	Ins.	Tons.	Tons.	Owts. qrs. lbs.	Owts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
59281	135 ² / ₃	2 ⁵ / ₁₆	96-5	134 ³ / ₄	361-2-8	720-15	270	2 ⁵ / ₁₆	stud links	Earl of Dudley's Round Oak works Ltd	Tipton 13-1-25 Drysdale	TOWLINE... HAWSERS & WARPS	240	5 ¹ / ₄	2 ⁵ / ₁₆	120	5 ¹ / ₄		
59291	135 ² / ₃	2 ⁵ / ₁₆	96-5	134 ³ / ₄	360-2-0		-	-					-	120		1 ³ / ₄	90	2 ³ / ₄	
Iron Stream Chain or Steel Wire		Cir.						Cir.											
	90	5"					90	5"			Mantes, 22/10/25		240	2 ³ / ₄		90	2 ³ / ₄		

Steering Gear, ~~Steam~~ Electric, Atlas Werke + Breme Steering Gear, Hand Electric

Boats 5 } 1 = 5,500 x 1600 x 700
4 = 7,100 x 2,286 x 884 Steering Chains, Size and Test Steering gear Electric Windlass Electric

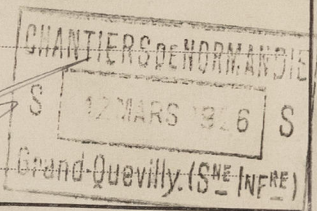
Ceiling in Holds, thickness and material 65 m/m Cargo Battens, thickness, material and spacing 50 m/m spaced 230

Cargo Hatchways.-(Upper Deck) 5 Thickness of Hatches 75 m/m in 2+4 65 m/m elsewhere

Size of No. 1 Hatchway (Forward) 8,905 x 5,500 No. 2 9840 x 5500 No. 3 9,020 x 5500 No. 4 9,840 x 5500 No. 5 9,020 x 5500 No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Five in each hatch

Builder's Signature



GENERAL DECLARATION This vessel has been built in accordance with plans as approved + amended, with the Secretary's letters + otherwise with the Society's Rules, the material and workmanship are satisfactory, the freeboard has been verified and cut in on ships sides -

The double bottom + peak tanks also oil tanks, weather decks, W.T. bulkheads, W.T. doors, sidelights etc. - have been satisfactorily tested - runned, tested (see ltr)

a complete set of the approved plans exists in the London Office -

The following forging reports are enclosed herewith stem pieces, sternframe, Propeller brackets, Rudder, -

Forging report No 480 to be returned for sister vessel -

The amount of Entry Fee ... <i>7.40</i>	: 1260	Fees applied for, 13-3-1926	I am of opinion the Vessel should be Classed <i>100 A.1</i> with <i>freeboard</i>
<i>Interim cert fee.</i>	<i>420</i>		
Special Survey Fee. <i>7.40</i>	<i>45560</i>	Received by me, <i>6/4-1926</i>	Signature <i>Mormaw V. Kirkley</i> Surveyor to Lloyd's Register of Shipping.
<i>Freeboard fee</i>	<i>1400</i>		
Travelling Expenses, if any £	: 2055		
Surveyors late fees	500		
State whether the Vessel has been built under Special Survey <i>yes</i>			
<i>H+M</i> Certificate to be sent to <i>Surveyors Rouen</i> Date of issue <i>19/3/26</i>			

Committee's Minute FRI. 19 MAR 1926

Character assigned 100 A.1 with Freeboard

Lloyd's A.C.P.

+ L.M.P. 2:26 C.R. Oil Engines

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