

RECEIVED

30 JUN 1946

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office

21 JUN 1949

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yesDate of completion of report 12th June 1949 Port of Copenhagen No. 12738Survey held at Aarhus Date First Survey 25th November 48 Last Survey 14th June 1949On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steamer "Clara"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Quartermast with Poop Bridge ForemastTONNAGE under Tonnage Deck 1020Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total ✓Gross Tonnage 1398Register Tonnage 298CLASS 100 A1State if with freeboard as condition of Class noBuilt at KielLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 245' 0"Breadth (greatest moulded) B 37' 9"Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 16' 9"1st Longitudinal Number (L x D) 41052nd Numeral L x (B + D) 13350Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.9 R.Q.D.Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.3 B.D.Do. Long Bridge to top of keel ✓Draught Moulded 49.58 ftLaunched 1925 Yard No. ✓Builders HornalstwerkeOwners D/S. A/S. MyrenManagers Holm & Wonsild
(Where necessary to be entered in Reg. Book)Residence ✓Port of Registry CopenhagenIf surveyed while building, afloat, and in dry dock yes

Kg Dale 5.49

REGISTERED DIMENSIONS.

FEET

246.138.014.4

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.....	600 ✓		Bracket Floors, Frame.....	160 70 9 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	600 ✓		" " Reversed Frame.....	140 85 8.5 ✓	
" " in peaks.....	600 ✓		" " Vertical Struts.....	130 65 8 ✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	880 x 10.5 ✓	
Frame Amidships, Angle, [or].....	170 75 10.5 ✓		" " top Angles <u>Single, double 13/8 A.</u>	80 80 10 ✓	
" " Extends up to.....	Bridgedeck ✓		" " bottom Angles.....	100 100 11 ✓	
Reversed Frame Amidships, Angle.....	✓		Side Girders, No. each side and thickness.....	one 8 ✓	
" " Extends up to.....	✓		Margin Plate depth (excl. of flange) and thickness.....	655 x 9 ✓	
Depth of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....	75 75 8 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or].....	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area.....	75 75 8 ✓	
" " Second 'tween Decks, Angle, [or].....	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	2400 x 8 ✓	
" " Third.....	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....	2400 x 8 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem.....	170 75 10.5 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1200 x 9 ✓	
" " in Peaks, Angle or [.....	140 65 9 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	19 1/4 x 125 ✓		Breadth and thickness of Middle Line Strake...	880 x 10 ✓	
State if Frame Joggled.....	no ✓		Thickness of remainder in Holds.....	8.5 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	yes ✓		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?.....	as on approved plan ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	yes ✓		BEAMS.		
INGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or].....	160 70 9.5 ✓	
Floors, Depth and thickness at mid-line in Holds.....	✓		" " in way of Bridge, Angle, [or].....	600 ✓	
Height of Brackets at side above base line at toe of frame.....	✓		Spacing.....	600 ✓	
Middle Line Keelson, on Floors, Angles, [or].....	✓		R.Q. Second Deck, amidships, Angle, [or].....	140 65 9 ✓	
" " Through Plate or Inter-costal Plate.....	✓		Spacing.....	600 ✓	
" " Foundation Plate on Floors.....	✓		Third Deck, amidships, Angle, [or].....	✓	
" " Flat Plate Keel Angles.....	✓		Spacing.....	✓	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, [or].....	✓	
" " thickness of Inter-costal Plate.....	✓		Spacing.....	✓	
" " Angles.....	✓		Poop Deck, Angle, [or].....	130 65 8.5 ✓	
DOUBLE BOTTOM.			Spacing.....	600 ✓	
Solid Floors, thickness and spacing.....	9 x 1800 ✓		Bridge Deck, Angle, [or].....	150 70 9 ✓	
" " Are Frame and Reversed Frame joggled?.....	no ✓		Spacing.....	600 ✓	
Bracket Floors, breadth and thickness at middle line.....	420 x 8 ✓		Forecastle Deck, Angle, [or].....	160 70 9.5 ✓	
" " breadth and thickness at margin plate.....	420 x 8 ✓		Spacing.....	600 ✓	

PILLARS AND DECKS.				IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows				✓	
" in 'tween Decks, Size and Spacing				✓	
" " " " " "				✓	
" in Holds " " " "				✓	
Centre Line Bulkhead, Stiffeners and Spacing	L 115	65	8	✓	
Plating, thickness of				✓	
STRINGERS AND DECKS.					
Uppermost Continuous Deck.				✓	
Stringer Plate, breadth and thickness in Wells				✓	
" " " " in way of Bridge	1280	9	12.5	✓	
" Angle in Wells	89	80	8	✓	
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				✓	
Second Deck.				✓	
Stringer Plate, breadth and thickness in Wells	1300	11.5		✓	

SHELL PLATING.

SCANTLINGS.				RIVETING.			
AS IN VESSEL.				EDGES.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				BUTTS.			
FLAT PLATE KEEL	980	18.5	13.5	13.5	Double	25	100
" Dblg. (if any)	1840	12	10	10	Double	19	75
Bottom Plating, No. of Strakes A.B.C.	1700	13	10	10	"	19	75
Bilge Plating, No. of Strakes	1460	13	18	10	"	19	75
Side Plating, No. of Strakes E.F.G.	1695	12.5	18	10	"	22	86
Upper Deck, Sheer-strake in Wells	1075	13	10	10	"	22	86
Upper Deck, Sheer-strake in Bridge	1075	13	10	10	"	22	86
Strake below Sheer-strake in Wells	1220	12	12	12	"	22	86
Strake below Sheer-strake in Bridge					"	22	86
Poop Side Plating					"	22	86
Bridge Side Plating					"	22	86
Forecastle Side Plating					"	22	86

WATERTIGHT BULKHEADS.

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				CASTING OR FORGING.			
Total No. of W.T. BULKHEADS in Vessel	4			KEEL, Bar	Forging	180	60
Extending to Upper Deck (Sec. 3 c)	4			STEM	Cast	190	130
" Deck next below	4			STERN FRAME	Cast	185	130
As per Rule	4			RUDDER	Cast	8 1/2	knots
MIDSHIP BULKHEAD, Upper 'tween decks				RUDDER-Type			
" Second				" A x D		160	
" Third				" Diam. of head		155	
" Holds	62	36	6.3	116			
" (in Hold)	112	50	8.3				
AFTER PEAK	7	50	6.3				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) ✓

Has the Steel been tested as required by the Rules? Tested by G.L.

EQUIPMENT No. 14509				LETTER P.				ANCHORS.			
WEIGHT, EX. STOCK.				TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.			
Number of Certificate	1st Bower	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
2nd	2276	1500	1500	1500	1500	1500	1500	1500	1500	1500	
3rd	4439/22	464	464	464	464	464	464	464	464	464	
Stream											
CHAIN CABLES.				HAWERS AND WARPS.							
Number of Certificate	Length and size supplied	Test per Certificate	Weight of Chain Cable	Length and size supplied	Test per Certificate	Weight of Chain Cable	Length and size supplied	Test per Certificate	Weight of Chain Cable	Length and size supplied	Test per Certificate
4.1	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.2	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.3	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.4	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.5	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.6	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.7	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.8	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.9	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.10	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.11	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.12	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.13	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.14	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.15	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.16	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.17	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.18	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.19	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.20	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.21	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.22	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.23	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.24	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.25	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.26	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.27	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.28	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.29	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.30	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.31	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.32	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.33	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.34	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.35	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.36	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.37	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.38	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.39	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.40	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.41	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.42	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.43	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.44	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.45	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.46	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.47	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.48	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.49	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.50	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.51	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.52	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.53	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.54	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.55	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.56	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.57	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.58	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.59	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.60	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.61	12462	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165	19 1/16	19 1/16	165
4.62	12462	1									

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.)

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

E.S.D. D.F.

Cargo Ballers Not Fitted

RADAR Equipment (State if fitted) no

State Type or Pattern No. 32

State } Maker
Name } and/or
of } Supplier

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

1st Bower

2nd "

3rd

Head 20:2:6
Stem 10:2:4

Cast

12 feet

Dortmund

7.2.42

J. Quast

66.9

94.5

31.5

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 25.54 ft., R.Q.D. 76.77 ft., Bridge 100.39 ft., Forecastle 28.49 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No.

Signal Letters O.V.B.O.

Extreme Breadth over Belting
(Circ. 1611)

Over-all Length 256.5
(Circ. 1703)

No. and Material of Decks

1 Deck steel.

Parts of Bottom of Vessel coated with cement or approved composition all double bottom tanks coated with cement.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, 10-42.	Feet. 72.10	Tons. 161	Fore peak tank,	Feet. 14.8 1/2	Tons. 33
Double bottom, under Engines and Boilers, 47-480.4.	39.4 1/2	102	After peak tank, lower tank	14.4 3/4	27
Double bottom, if under Engines only, 2.0	2.0		After peak tank upper tank	15.9	50
Double bottom, if under Boilers only,			Deep tank, forward, Deck tank aft peak tank	9.2 1/2	13
Double bottom, forward,	96.5 1/2	217	Other tanks, if fitted,		
Total length (if continuous) and Capacity.	210.8 1/2	480	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys
held while building

1948 Nov: 25.26.30 Dec: 10.14.16.27.28. Jan. 1949: 14.25. Feb: 1.10.17.
March: 3.10.24 April: 8.12.26 May: 5.9.12 June: 8.14

Total No. of Visits 22