

~~Awning or Shelter Deck.~~  
~~or~~ **Pl. Awning Deck.**

**STEEL STEAMER.**

No. 6090.

State if Report is also sent on the Machinery of the Vessel.

Port of COPENHAGEN. Date of completion of Report MARCH 15<sup>TH</sup> 21. Received at London Office MON. 21 MAR. 1921.  
Survey held at COPENHAGEN. Date, First Survey DEC. 23<sup>RD</sup> 19. Last Survey FEB 8<sup>TH</sup> 1921.  
On the TWIN SCREW MOTOR SHIP FORMOSA Rig 2 MASTS SCHOONER RIG.

TONNAGE under Tonnage Deck... 5104.08 CLASS 100 A.1 FEET. Master C. A. FOLSON.  
Do. between Tonnage Dk. and 1519.48 Breadth (greatest moulded) 55' 0"  
Do. of Poop 6623.36 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 30' 6"  
Do. of R. Qr. Dk. 26.50 Deduct height of 'tween deck when this does not exceed 8ft.  
Do. of Bridge House 321.95 Transverse Number 85.50  
Do. of Forecastle 33.90 Length on deck from fore part of stem to after part of sternpost 425.46  
Do. of Houses on Deck 26.74 Longitudinal Number 36377  
Do. of excess of Hatchways 7032.65 Depth "d" at middle of length. See Secs. 2 & 13 18.00  
Do. of Poop 287.79 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.05  
Do. of R. Qr. Dk. (26.74) Upper Deck at side to top of keel ✓  
Do. of Bridge House (6718.12) Destined Voyage Gothenburg  
Do. of Forecastle 2250.45 If Surveyed while Building, Afloat, & in Dry Dock YES  
Do. of Houses on Deck 164.55  
Do. of excess of Hatchways 4329.86

FRAMING.		BREADTH		DEPTH, ACTUAL		PILLARS.		KEELSONS AND STRINGERS.	
Ft. Ins.		Ft. Ins.		Ft. Ins.		Inches. Size in Ship.		Inches. Size in Ship.	
425 5 1/2		55 0		38 6		2 0 0 1 1/4		3 3 4 4	
Moulded		Moulded		Do.		Inches. Spacing in Ship.		Inches. Spacing in Ship.	
35 4 3		27 4 3		38 6		7 1/2 48		3 3 4 4	
Awn. or Shelter Dk.		Upper Deck.		To Awning		2 0 0 1 1/4		3 3 4 4	
Moulded depth, ft. 38 ins. 6		Moulded depth, ft. 30 ins. 6		To Upper Dk.		2 0 0 1 1/4		3 3 4 4	
Round up of Uppermost Dk. Beam, Actual 134 ins.						2 0 0 1 1/4		3 3 4 4	
PILLARS, In 'tween Deck, size and spacing						2 0 0 1 1/4		3 3 4 4	
2 Rows in Connection						2 0 0 1 1/4		3 3 4 4	
Quarter, 'tween Dks., "						2 0 0 1 1/4		3 3 4 4	
in Hold "						2 0 0 1 1/4		3 3 4 4	
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						2 0 0 1 1/4		3 3 4 4	
Rider Plate						2 0 0 1 1/4		3 3 4 4	
Flat Keel Plate Angles						2 0 0 1 1/4		3 3 4 4	
Horizontal Plates on Floors						2 0 0 1 1/4		3 3 4 4	
Angles or Bulb Angles						2 0 0 1 1/4		3 3 4 4	
SIDE KEELSONS, Number						2 0 0 1 1/4		3 3 4 4	
Angles or Bulb Angles						2 0 0 1 1/4		3 3 4 4	
Plate above floors, for length						2 0 0 1 1/4		3 3 4 4	
Intercoastal Plate, for length						2 0 0 1 1/4		3 3 4 4	
Attached to outside plating with Angle						2 0 0 1 1/4		3 3 4 4	
BILGE KEELSON, Angles						2 0 0 1 1/4		3 3 4 4	
Intercoastal Plate, for length						2 0 0 1 1/4		3 3 4 4	
Attached to outside plating with Angle						2 0 0 1 1/4		3 3 4 4	
PANTING SIDE STRINGERS, Number 3 OFF						2 0 0 1 1/4		3 3 4 4	
FACE Angle						2 0 0 1 1/4		3 3 4 4	
Intercoastal Plate, for FULL lng.						2 0 0 1 1/4		3 3 4 4	
Attached to outside plating with Angle						2 0 0 1 1/4		3 3 4 4	
Awning or Shelter Deck Stringer Plates, breadth and thickness						2 0 0 1 1/4		3 3 4 4	
Angle on ditto						2 0 0 1 1/4		3 3 4 4	
Tie Plates, fore and aft, outside Hatchways						2 0 0 1 1/4		3 3 4 4	
Deck, * Iron or Steel, for FULL SHEATHED lng.						2 0 0 1 1/4		3 3 4 4	
Wood Deck, Material & thickness						2 0 0 1 1/4		3 3 4 4	
Upper Deck Stringer Plate, breadth and thickness, AT ENDS						2 0 0 1 1/4		3 3 4 4	
Angles on ditto, No. 2						2 0 0 1 1/4		3 3 4 4	
Tie Plates, outside Hatchways						2 0 0 1 1/4		3 3 4 4	
Deck, * Iron or Steel, for FULL lng.						2 0 0 1 1/4		3 3 4 4	
Wood Deck, Material & thickness						2 0 0 1 1/4		3 3 4 4	
Second Deck Stringer Plates, br'dth & thckn's						2 0 0 1 1/4		3 3 4 4	
Angles on ditto, No. 2						2 0 0 1 1/4		3 3 4 4	
Tie Plates, outside Hatchways						2 0 0 1 1/4		3 3 4 4	
Deck, * Material and thickness STEEL						2 0 0 1 1/4		3 3 4 4	
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						2 0 0 1 1/4		3 3 4 4	
Angles on ditto, No.						2 0 0 1 1/4		3 3 4 4	
Tie Plates, outside Hatchways						2 0 0 1 1/4		3 3 4 4	
Deck, Material and thickness						2 0 0 1 1/4		3 3 4 4	
Poop Deck Stringer Plate, breadth & thickness						2 0 0 1 1/4		3 3 4 4	
Angles on ditto						2 0 0 1 1/4		3 3 4 4	
Tie Plates						2 0 0 1 1/4		3 3 4 4	
Deck, Material and thickness						2 0 0 1 1/4		3 3 4 4	
Bridge Deck Stringer Plate, br'dth & thickness						2 0 0 1 1/4		3 3 4 4	
Angle on ditto						2 0 0 1 1/4		3 3 4 4	
Tie Plates						2 0 0 1 1/4		3 3 4 4	
Deck, Material and thickness						2 0 0 1 1/4		3 3 4 4	
Forecastle Deck Stringer Plate, br'dth & th'kns						2 0 0 1 1/4		3 3 4 4	
Angle on ditto						2 0 0 1 1/4		3 3 4 4	
Tie Plates						2 0 0 1 1/4		3 3 4 4	
Deck, Material and thickness						2 0 0 1 1/4		3 3 4 4	



[illegible]

EQUIPMENT No. 39328. LETTER af.										ANCHORS.													
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.		Makers.		Where and when tested and Superintendent.			
				Cwts. qrs. lbs.			Cwts. qrs. lbs.			Tons. cwt. qrs. lbs.			Cwts. qrs. lbs.										
33682		1st Bower		71 2 0			✓			54 10 0			68 0 0			STOCKLESS		RICHARD SYKES & SON		CROLEY NORTH 20-2-20 35. 1911			
33683		2nd "		65 0 14			✓			51 2 2			68 0 0										
33684		3rd "		59 1 22			✓			48 1 1			68 2 0										
		Collective weight		196 0 8									194 2 0										
34411		Stream		19 1 14			5 1 0			20 4 0			7 19 0			COMMON		RICHARD SYKES & SON		CROLEY NORTH 31-5-20 35. 1911			
44364		Kedge		8 0 0			2 0 6			10 2 2			8 0 0							29-8-20			
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																							
1st Bower 45-2-0 G.M.P. 2614. 27-3-17.																							
2nd " 38-1-14 D.D.W. 1448. 31-3-19																							
3rd " 37-0-21 D.D.W. 2764. 23-9-19.																							
CHAIN CABLES.										HAWERS AND WARPS.													
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 31.		Description.		Makers of Cables.		Where and when tested and Superintendent.		Materials.		Length and Size supplied.		Breaking Test of Steel Wire.		Fathoms and Size per Table 31.	
		Length. Diam.		Stath. Break- ing. Tons.		Cwts. qrs. lbs. Cwts. qrs. lbs.		Length. Diam.										Length. Cir.		Length. Cir.			
22540		270 2 5/8		46 5/8 13 5/8		732-1-7, 720-5-4		270 2 5/8		STOWLINE R.S. & SONS		CROLEY 31-5-20 C.W. W. N.				TOWLINE		120 5 5/8 65		120 5 5/8			
		90 8		59				90 8								HAWERS & WARPS		40 5 5/8 35		2-90 8 5/8			
																		20 5 5/8 100		2-90 7 5/8			
																		120 4 3/8					
Boats 2. LIFEBOATS 30-0-8-6-3-6 2 DINGHYS 18-0-5-8-2-4 Steering Gear, Steam Motor Hydraulic Brown B20. Steering Gear, Hand Brown B20. WORM GEAR.																							
Pumps, Number ONE DOWN TOWN HAND PUMP TO FORE PEAK TON 8" D.A. Diameter of Barrel 6" State whether they are in efficient working order YES																							
Windlass is ELECTRICALLY DRIVEN QUICK WINDING CLARK CHAPMAN 2 5/8" Capstan																							
Engine Room Skylights.—How constructed? STEEL STEEL FLAPS. What arrangements for deadlights in bad weather? TERRAPOLINS																							
Coal Bunker Openings.—How constructed? How are lids secured? Height above deck?																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. RAILS & STANCHIONS.																							
Ceiling in Holds, thickness and material 2 1/2" W. PINE 2" CLEAR OETANK TOP. Cargo Battens, thickness and material 6" x 2" W. PINE.																							
Cargo Hatchways.—How formed? CORNING 2-7 1/2 x 4-4" HORIZONTAL STIFFENERS ON SOLES 8-3 3/4 x 48" Hatches, If strong and efficient? 3" THICK GOOD.																							
State size No. 1 Hatch (Forward) 28-0-0 x 18-0-0 No. 2 Hatch 28-0-0 x 18-0-0 No. 3 Hatch 28-0-0 x 18-0-0 No. 4 Hatch 28-0-0 x 18-0-0																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 TO EACH HATCH. NO 4-3/4 x 34" NO 5 HATCH 28-0-0 x 18-0-0																							
No. of Breasthooks. 3. No. of Crutches																							
Bulwarks, height above deck and description 3-9 STEEL 3 1/2 x 3-40 B.A. STAYS 53" PART. Main Rail and Stays, material and size STEEL 62-2-3-40 B.A.																							
The foregoing is a correct description. AKTIESELSKABET																							
Builder's Signature (correct) BIRMEISTER & SONS, COPENHAGEN, DENMARK. Surveyor's Signature Cyril B. Seamer Joe v. Rosen.																							
Surveyor to Lloyd's Register of Shipping.																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																							
1916 Dec 23 <sup>rd</sup> 1916 Jan 6 <sup>th</sup> MAR 2 <sup>nd</sup> 21 <sup>st</sup> AUG 30 <sup>th</sup> 1920 JAN 30 <sup>th</sup> FEB 4 <sup>th</sup> FEB 11 <sup>th</sup> .																							
Workmanship. Are the butts of plating planed or otherwise fitted? OVERLAPPED																							
Is the riveted work properly closed? YES																							
Are the liners between the frames and plates solid single pieces? YES																							
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES																							
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? YES																							
Do any rivets break into or through the seams or butts of the plating? NO																							
Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES.																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests GOOD																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests GOOD																							
General Remarks (State quality of workmanship, &c.) The workmanship is very good.																							
The vessel has been built in accordance with the Secretaries letters of the above dates, and in accordance with the approved plans and in every respect as required by the Rules of the Society																							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with P.E. Report showing vessel as built.																							
The amount of Entry Fee ..... £228.00 : Fees applied for, 16-3-1921																							
Special Survey Fee... £8587.00 : Received by me, 11-4-21																							
Travelling Expenses, if any £147.00 : Certificate to be sent to Surveyors Office Date of issue 1/4/21																							
Telegrams £13.00																							
State whether the Vessel has been built under Special Survey YES.																							
I am of opinion this Vessel should be Classed + 100 A1. During each voyage A.C.P. Electric light, machinery with freeboard.																							
With, or without, Freeboard, as condition of Class																							
Committee's Minute FRI. 1 APR. 1921																							
Character assigned 100 A1																							
Wuk Gyn. Lloyd's arch + LMC 2 25																							
Oil engines																							
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GENERAL REMARKS—(continued).

The Oil tank between tunnels has not been fitted. The tank top plating etc has not been fitted in ship but the Tunnel Sides have been constructed as approved. Double frame bottoms have been fitted on floors forward of 3/8 length to Collision bulkhead 4 x 32 x 40 angles

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

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) 2 D<sup>cs</sup> (St<sup>l</sup>) & Awning (Deck W.S)

Official No. ☒; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft NO 2 COATS OF IRON OXIDE, 2 COATS OF IRON OXIDE, 2 COATS OF IRON OXIDE  
How are the surfaces preserved from oxidation? Inside NO CEMENT IN OIL TANKS AT OWNERS REQUEST Outside PATENT COMPOSITION

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	139	398	Fore peak tank,	21' 3"	8
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	20' 5"	8
Double bottom, if under Engines only, MOTOR ROOM	44' 2"	168	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	194' 4"	684	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	377' 6"	1250	(If necessary, furnish further information by sketch.)	✓	✓

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

State whether the above have been tested as required by the Rules

Order for Special Survey No. 33

Date 3.16.

No. 315 in builder's yard.

DATES OF SURVEYS held while building

1919. 23/2. 1920 12/2. 12/2. 28/2. 7/4. 16/4. 26/5. 25/6. 30/6. 15/7. 17/7. 5/10. 13/10. 15/10. 16/10. 22/10. 27/10. 29/10. 6/11. 12/11. 18/11. 23/11. 29/11. 30/11. 2/12. 7/12. 23/12. 1921 2/2. 4/2. 8/2

Surveyor's Signature

Capt. B. Seaver

Total No. of Visits 31

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