

With or Without Disconnected Erections.

STEEL STEAMER.

TUE. JUN. 17 1924

Received at London Office

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

Date of completion of report

Survey held at West Hartlepool

Port of West Hartlepool

Date, First Survey 28 June 1923 Last Survey 12 June 1924

No. 16193

1924

On the (State if Single, or Screw)

SS. SØBORG

Rig J & A. Schooner

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk. & 3rd and 4th Dk.

Total under Upper Dk. 1771.87

Do. of Poop 56.36

Do. of R.Q.Dk. 4.96

Do. of Bridge House 11.32

Do. of Forecastle House 5.46

Do. of Houses on Dk. 91.84

Do. of excess of Hatchways 40.62

Do. above Crown of Engine Room 32.19

Gross Tonnage 2013.62

Less Crew Space 112.74

Less above Crown of Engine Room

TONNAGE FOR FEES

Less Engine Room 644.36

Less Navigation Spaces 60.10

Register Tonnage 1196.42

CLASS 100 A1

FEET.

Breadth (greatest moulded) 39.83

Depth, at middle of length from top of keel to top of upper deck beams at side 21.33

Transverse Number 61.16

Length on deck from fore part of stem to after part of stern post 280.0

Longitudinal Number 5972.4

Depth "d," at middle of length (See Secs. 2 & 13) 18.5

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.12

Long Bridge Deck Beam at side to top of keel 9.68

Master

Year of appointment

Built at West Hartlepool

When built 1924 Launched 5th May 1924

By whom built Wm Gray & Co Ltd

Owners C. H. Hansen

Managers

(Where necessary to be entered in Reg. Book)

Residence Copenhagen

Port belonging to Copenhagen

Destined Voyage Burntisland If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule		Feet.	Inches.	BREADTH—Moulded		Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams		Feet.	Inches.	No. of Decks with flat laid		No. of Tiers of Beams	
		280	0			39	10	Do. do. do. do. Second Dk. Beams		19	3	One		One	
Moulded depth, ft. 28 ins. 4 To Bridge Dk. Round of Upper Dk. Beam, Actual 10 ins.															
Moulded depth, ft. 21 ins. 4 To Upper Dk.															
Dimensions of Ship per Register, Length 280.0 breadth 40.08 depth 19.20															
FRAMING.								PILLARS.							
FRAME, Angles, or <u>E</u> or <u>L</u> Bars amidships								PILLARS In 'tween Deck, size and spacing							
Do. in peaks								" " Hold							
Do. in way of Double Bottoms at Solid Floors								" " Quarter 'tween Dks.,							
" " " " at intermdt. Bkts.								" " in Hold							
Spacing of Frames from centre to centre amidships								KEELSONS & STRINGERS.							
" " " " from # 1															
" " " " length to Collision bulkhead															
" " " " in peaks															
" " " " " "															
REVERSED FRAME, Angles								CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
Do. in way of Double Bottoms at Solid Floors															
" " " " at intermdt. Bkts.															
" " " " " "															
" " " " " "															
FRAMING, depth of girder								Rider Plate							
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships															
" in way of Engine and Boiler Spaces															
" thickness at the ends of vessel															
" depth at $\frac{1}{4}$ the half breadth, as per Rule															
" height extended at the Bilges								Flat Plate Keel Angles							
FLOORS in Cell, Double Bottoms															
" state if flanged (top & bottom)															
" Spacing of Solid floors															
" " " " " "															
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.								Horizontal Plates on Floors							
" " Angles, Top															
" " " Bottom															
" " " to Floors															
" Brackets at intermdt. frmng., width & thknss															
SIDE GIRDERS, number on each side & thickness								Angles or Bulb Angles							
" state if flanged (top and bottom)															
" Angles (top and bottom)															
" " " to Floors															
" " " " " "															
MARGIN PLATE, depth (exclusive of flange) and thickness								SIDE KEELSONS, Number							
" Angle to Outside Plating															
" " " Floors															
" Brackets at intermdt. frmng., width & thknss															
" Height of Outside Brackets above at bilge															
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake								Attached to outside Plating with Angle							
" " " in Engine and Boiler space															
" " " Remainder in Holds															
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" In way of Long Bridge															
" Spacing								Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" Spacing															
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" Angles on upper edge															
" Spacing								br'dth & thickness (in way of Bridge)							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" Angles on upper edge															
" Spacing															
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" Angles on upper edge								Tie Plate at sides of Hatchways							
" Spacing															
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel															
" Angles on upper edge															
" Spacing															
" " " " " "								Deck. * Iron or Steel, for whole lng.							
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" " " " " "								Thickness (clear of Bridge)							
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" " " " " "								(in way of Bridge)							
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" " " " " "								Wood Deck. Material & thickness							
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" " " " " "								Second Deck Stringer Plate, br'dth & thickness							
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" " " " " "								Angles on ditto, No.							
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" " " " " "								Tie Plates outside Hatchways							
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" " " " " "								Deck. * Material and thickness							
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" " " " " "								Fourth and Fifth Deck Stringer Plate, breadth & thickness							
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" " " " " "								Bridge Deck Stringer Plate, br'dth & thickness							
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" " " " " "								Deck. Material and thickness							
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" " " " " "								Forecastle Deck Stringer Plate, br'dth & th'kns							
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If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Lloyd's Register

WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing
brdth. & thickness
No. of Side Stringers
WEB-FRAMES, In E. & B. Space, No. & spacing
brdth. & thickness
WEB-FRAMES, In After Body, No. and spacing
brdth. & thickness
No. of Side Stringers
Size of Face Angles to Web-Frames.....
BRACKET PLATES to Stringers between
Web Frames, depth and thickness.....

Inches
in Ship.

Inches
in Ship.

Inches
per Rule,
Or as Approved.

Inches
per Rule,
Or as Approved.

Framing increased
in lieu of webs as
per profile
BA frames increased
in lieu of frames

FORGINGS or CASTINGS.

Inches in Ship.

Inches per Rule,
Or as Approved.

KEEL, Bar, depth and thickness
STEM, moulding and thickness
STERN-POST for Rudder do. do.
for Propeller
RUDDER-A x D* Table 22. Speed
Main-Piece, diameter at head
at heel

Flat Plate keel
7 1/4 x 2 3/8
8 1/2 x 5 1/2
7 1/2 x 5 1/2
87 x 27 = 242
7 1/4
5 1/2

7 3/4 x 2 1/8
8 1/2 x 5 1/2
7 1/2 x 5 1/2
242
7 1/4
5 1/2

BULKHEADS.

Number.
Vessel. Per Rule.

Thickness.
Inches.

STIFFENERS.

Horizontal.
Size.
Inches.

Vertical.
Size.
Inches.

Single or
Double
Frames.

Height up,
state deck.

W.T.BULKHEADS

FRAMES

42-30
42-30
36-26
42-26

15onibx beam
7 1/2 x 3 3/8
24
8 1/2 x 3 1/2
30
30

Single 6" D

COLLISION PARTITION

132

46-26

2 Semi-box beam 6 x 3 3/8

24

LONGITUDINAL.

As per approved Profile.

RUDDER, how constructed

Forged & built

Thickness of Plates or Single Plate

1.00

Can the Rudder be unshipped afloat?

Yes.

Manufacturer's name or trade mark of the Iron or Steel (state process of
manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer
Plates, Plating, &c.?
Cargo Fleet Iron Co
Dorman Long & Co Ltd & The South Durham
S. I. Co Ltd
Siemens: Open hearth process.
Has the Steel been tested as required by the Rules?

Yes

PLATING.										RIVETING.											
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES Ordinary or jogged?			BUTTS.										
		AMIDSHIP.		FORWARD.				Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		For what Length.		
		Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.								Diam.	Spacing cr. to cr.	Breadth. Inches.	Thick- ness. Inches.	Breadth. Inches.	For what Length. Feet.			
FLAT PLATE KEEL..... (If Bar Keel, state Riveting.) or A Strake		44 1/2	59	55	55	44 1/2	59	2R	5 1/4	7/8	3 3/8	3R	7/8	3 3/8				9	whole		
State actual thickness in way of Double Bottom.	B	63 3/4	47	47	42	63 3/4	47		4 1/2	3/4	3		3/4	2 3/8				7 1/2	half		
	C	66				66															
	D	64 1/2				64 1/2															
	E	64		42		64															
	F	62 1/2				62 1/2		1R	2 1/2												
	G	64		41		64															
	H	58 1/2		46	46	58 1/2			3 1/2												
URDSHEER		50		44	48	50			3 1/2												
B	K	81 1/2	45			81 1/2	45					AR		3				10			
	L																				
	M																				
	N																				
	O																				
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	Q																				
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	S																				
	T																				
	U																				
	V																				
	W																				
THICKNESS OF STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel Sheerstrakes Length and thickness.		50	92(62+30)			50	92(62+30)	1R	3	7/8	3 3/8	4R	7/8	3 1/2				12			
		58 1/2	55			58 1/2	55	1R	3	7/8	3 3/8	3R	7/8	3 3/8				9			
POOP SIDES					33			1R	2 1/2	3/4	3	1R	3/4	2 3/8				3			
SHORT BRIDGE SIDES																					
FORECASTLE SIDES				35				1R	2 1/2	3/4	3	1R	3/4	2 3/8				3			

Upper Deck

Butts, 3R riveted for half length amidship.

Stringer Plate

Straps, single, double overlapped for whole length amidship.

Second Deck

Butts, riveted for length amidship.

Stringer Plate

Straps, single or overlapped for length amidship.

Butts of Side Stringers

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girder Butts, 3R riveted.

Keelson Butts, riveted.

Frames, riveted through Plates with 3/4 in. Rivets, about 7 dia apart.

Rivets, state whether Iron or Steel

Iron

FRAMES extend in one length from Centre line to Margin thence to Upper D

REVERSED FRAMES on floors extend from Centre line to Margin

State if ordinary or jogged

Ordinary
Jogged

State if ordinary or jogged

Do.

MASTS, SPARS, &c.

Material

Total Length

DIAMETER AND THICKNESS.

At Partners.

Heel.

Hounds.

Head.

No. of Plates
in round.

ANGLES.

Number.

Size.

RIVETING.

Seams.

Butts.

Fore

Main

Mizen

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size. Shrouds

Sails.

Steel

67-1

59-8 1/2

21 x 34

22 x 34

16 x 32

17 x 32

17 1/2 x 32

Two

1

3 1/4

1R

3R

Pine

3 1/4 Steel Galvanised wire

Suits of

Sails, and the following spare sails

Stays

3 1/4 Steel Galvanised wire

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Lloyd's Register
Foundation

Table with columns: EQUIPMENT No., LETTER, ANCHORS, TONNAGE U. DK. OR PLATING No. FOR TRAWLERS. Includes data for various equipment items like 57945, 57978, 58047, 57995.

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

Table with columns: CHAIN CABLES, HAWSERS AND WARPS. Includes data for chain cables and hawsers/warps.

Boats 2-24ft lifeboats; 1-16ft jollyboat; 1-16ft. gig. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number 1 lift pump to fore peak; 1 Downton pump. Windlass is by Emerson Walker & Thompson Ltd. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). Number of Web Plates. Bulwarks, height above deck and description. The foregoing is a correct description.

Correspondence. - State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case).

Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

General Remarks (State quality of workmanship, &c.) The freeing port area is in accordance with the Secretary's letter M 30-1-24. The spacing of cargo battens is 12" in accordance with " M. 9-4-24. This vessel has been built in accordance with the approved plans, the Secretary's letters as stated above and in other respects in accordance with the rules; the materials and workmanship are good. The vessel has been placed in dry dock, and the bottom and sudder cleaned examined and recoated. The W.I. Bulkheads, decks shaft tunnel and W.I. doors have been tested by hose and found satisfactory. The steam and hand steering gears have been examined under working conditions and found satisfactory. The vessel is fitted with electric light and wireless telegraphy.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. Fees applied for. Received by me. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.

Committee's Minute. Character assigned. Lloyd's Register of Shipping. Thomas E. Sowden. Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.5 ft., R.Q.D. ☒ ft., Bridge 82.5 ft., Forecastle 27.6 ft. (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 as should appear in the Register Book) One deck, Steel
 Official No. ☒; Signal Letters ☒ State if Machinery is fitted aft No
 How are the surfaces preserved from oxidation? Inside P. Cement & Paint Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>86</u>	<u>173</u>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,			After peak tank,	<u>16</u>	<u>75</u>
Double bottom, if under Engines only,	<u>18</u>	<u>45</u>	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<u>18</u>	<u>45</u>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<u>118</u>	<u>252</u>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total capacity of double bottom		<u>515</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 240

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

Order for Special Survey No. 7305

Date 15th June 1923

No. 956 in builder's yard.

DATE of Surveys held while building

1923. June 28 Sept 26 Dec 3. 10. 18. 24. 1924. Jan 7. 18. 23. 30. Feb 5. 15. 22. 27. 29. Mar 4. 6. 12. 19. 21. 25. 27. 28. Apr 2. 11. 7. 10. 15. 22. 30. May 5. 12. 16. 20. 22. 24. 26. 27. 30. June 2. 3. 6. 10. 12.

Surveyor's Signature

Thomas E. Snowden

Total No. of Visits 146

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