

WRECK
SECTION
No. 930

STEEL STEAMER or MOTORSHIP.

WRECK
SECTION
JUL 11 1938
Received at London Office
No. 930

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 *5th July 1938* Port of *Hamburg* No. *22829*
Survey held at *Hamburg - Harburg* Date First Survey *2nd Nov 1937* Last Survey *21st June 1938*
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw* **GOLDFINDER** - Machinery *Aft*

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *Roofs & Lumps & Focals*
TONNAGE under Tonnage Deck... CLASS *+100A1* State if with freeboard as condition of Class *No* Built at *Hamburg - Harburg*
Do. of space or spaces between Tonnage Dk. and Upper Dk. L.B.P. = *39.60m* Length from fore part of stem to after part of stern *L 40.86*
Total Breadth (greatest moulded) *B 7.15* Builders *G. Rends jun. K.G.*
Gross Tonnage Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 2.90* Owners *A/S Nortrade*
Net Tonnage 1st Longitudinal Number (L x D) = *118.5* Managers *See Appendix*
REGISTERED DIMENSIONS. 2nd Numeral L x (B + D) = *410.6* Residence *Trondhjem*
Length Framing Depth "d," at middle of length. See Sec. 3 (1d) *2.57* Port of Registry *Trondhjem*
Breadth Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.09* If surveyed while building, afloat, or in dry dock
Depth Draught Moulded *2.63* *On stocks & afloat*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm Inches IN SHIP.	Any Departure from Approved Plans to be Noted.		mm Inches IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	535	✓	Bracket Floors, Frame	✓	✓
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	535	✓	" " Reversed Frame	✓	✓
" " in peaks	535	✓	" " Vertical Struts	✓	✓
DE FRAMING.			Centre Girder, depth and thickness amidships	✓	✓
Frame Amidships, Angle, [or]	115 65 7.5	<i>appr. 100x65x8</i>	" " top Angles	✓	✓
" " Extends up to	<i>Upper Dk</i>	✓	" " bottom Angles	✓	✓
Reversed Frame Amidships, Angle	75 75 8.5	<i>@ hatch ends</i>	Side Girders, No. each side and thickness	✓	✓
" " Extends up to	<i>deep plate only</i>	✓	Margin Plate depth (excl. of flange) and thickness	✓	✓
Depth of Framing Girder	115	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	✓	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓	✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	✓
" " Second 'tween Decks, Angle, [or]	✓	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	✓
" " Third " " " "	✓	✓	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	✓	✓
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	115 65 7.5	<i>appr. 100x65x8</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	✓
" " in Peaks, Angle or [115 65 7.5	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	16 @ 7 dia	✓	Breadth and thickness of Middle Line Strake	✓	✓
State if Frame Joggled	<i>No</i>	✓	Thickness of remainder in Holds	✓	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and <i>as</i> approved?	<i>Yes</i>	✓	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?	✓	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and <i>as</i> approved?	<i>Yes</i>	✓	BEAMS.		
INGLE BOTTOM.			Through beams	115 65 7.5	<i>120x75x80A</i>
Floors, Depth and thickness at mid-line in Holds	330 x 7	✓	Uppermost Continuous Deck, amidships	75 75 7.5	✓
Height of Brackets at side above base line at toe of frame	<i>none fitted</i>	✓	" " in way of Bridge, Angle, [or]	✓	✓
Middle Line Keelson, on Floors, Angle, [or]	75 75 8	✓	Spacing	<i>ev. fr</i>	✓
" " Through Plate <i>or</i> Intercoastal Plate	330 x 8	✓	Second Deck, amidships, Angle, [or]	✓	✓
" " Foundation Plate on Floors	600 x 8	✓	Spacing	✓	✓
" " Flat Plate Keel Angles	90 90 8	✓	Third Deck, amidships, Angle, [or]	✓	✓
Side Keelsons, No. each side	<i>one</i>	✓	Spacing	✓	✓
" " thickness of Intercoastal Plate	7	✓	Fourth Deck, amidships, Angle, [or]	✓	✓
" " Angles	<i>double</i> 100 65 7.5	✓	Spacing	✓	✓
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	100 65 7.5	<i>one deck girder, R45</i>
Solid Floors, thickness and spacing	✓	✓	Spacing	<i>ev. fr</i>	✓
" " Are Frame and Reversed Frame joggled?	✓	✓	Bridge Deck, Angle, [or]	✓	✓
Bracket Floors, breadth and thickness at middle line	✓	✓	Spacing	✓	✓
" " breadth and thickness at margin plate	✓	✓	Forecastle Deck, Angle, [or]	100 65 8	<i>115x75x7.5</i>
			Spacing	<i>ev. fr</i>	<i>75x75x7.5</i>

PILLARS AND DECKS.

	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	mm INCHES IN SHIP.	Any Departure Approved Plans be Noted.
PILLARS, No. of Rows..... <i>none in holds</i>	<i>1 strong H.E.</i>	✓		
„ in 'tween Decks, Size and Spacing.....	<i>beams & deep intern. blts at hatch side</i>	✓		
„ „ „ „ „		✓		
„ in Holds „ „		✓		
„ „ „ „ „		✓		
Centre Line Bulkhead.				
Stiffeners and Spacing..... <i>angle</i>	<i>130 75 9</i>	✓		
Plating, thickness of	<i>alt. fr 7.5</i>	✓		
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Well	<i>740 x 8</i>	✓		
„ „ „ „ in way of Bridge		✓		
„ Angle in Well	<i>75 75 9</i>	✓		
Thickness of Plating abreast Deck openings in way of Well	<i>7.5</i>	✓		
Thickness of Plating abreast Deck openings in way of Bridge		✓		
Thickness of Plating within line of openings...	<i>7.5</i>	✓		
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		✓		
Plating, Sheathing, material and thickness ...	<i>6 unsh.</i>			
Bridge Deck.				
Stringer Plate, breadth and thickness		✓		
Plating, Sheathing, material and thickness ...		✓		
Forecastle Deck.				
Stringer Plate, breadth and thickness	<i>7</i>	✓		
Plating, Sheathing, material and thickness ...	<i>7 unsh.</i>			

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged?		RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.	
	mm	mm	mm	mm		Diam. Spacing cr. to cr.		Diam. Spacing cr. to cr.	
FLAT PLATE KEEL	<i>940</i>	<i>10.5</i>	<i>9.5</i>	<i>9.5</i>	<i>single</i>	<i>19 4</i>	<i>three</i>	<i>19 3 1/2</i>	<i>lapped</i>
„ DBLG. (if any)	✓	✓	✓	✓	<i>x double for</i>	-	-	-	-
BOTTOM PLATING, No. of Strakes	✓	<i>8</i>	<i>7 1/2</i>	<i>7</i>	<i>single & x double for</i>	<i>16 4</i>	<i>double</i>	<i>16 3 1/2</i>	<i>lapped</i>
BILGE PLATING, No. of Strakes	✓	<i>8</i>	<i>7</i>	<i>7</i>	<i>single</i>	<i>16 4</i>	<i>double</i>	<i>16 3 1/2</i>	<i>lapped</i>
SIDE PLATING, No. of Strakes	✓	<i>9</i>	<i>7</i>	<i>7</i>	<i>single</i>	<i>16 4</i>	<i>double</i>	<i>16 3 1/2</i>	<i>lapped</i>
UPPER DECK, Sheer-strake in Well	<i>1065</i>	<i>12</i>	<i>7</i>	<i>7</i>	<i>single</i>	<i>19 4</i>	<i>three</i>	<i>19 3 1/2</i>	<i>lapped</i>
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓	-	-	-	-	-
STRAKE BELOW Sheer-strake in Well	<i>see "side plating"</i>				-	-	-	-	-
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓	-	-	-	-	-
POOP SIDE PLATING	✓	✓	✓	<i>6</i>	<i>single</i>	<i>16 4</i>	<i>single</i>	<i>16 3 1/2</i>	<i>lapped</i>
BRIDGE SIDE PLATING ...	✓	✓	✓	✓	-	-	-	-	-
FORECASTLE SIDE PLATING	✓	✓	<i>6</i>	✓	<i>single</i>	<i>16 4</i>	<i>single</i>	<i>16 3 1/2</i>	<i>lapped</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>Three</i>
Extending to Upper Deck (Sec. 3 c)	✓
„ Deck next below	✓
As per Rule	<i>Three</i>

	Plating Thickness.	STIFFENERS. mm			
		VERTICAL. welded		HORIZONTAL.	
	mm	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓				
„ „ Second „	✓				
„ „ Third „	✓				
„ „ Holds <i>fr. 20</i>	<i>6 5/8</i>	<i>100x50x8</i>	<i>760</i>		
COLLISION „ (in Hold)	<i>7 5/8</i>	<i>130x65x8</i>	<i>760</i>	<i>2 @ 130x10</i>	<i>welded flat bar</i>
AFTER PEAK „ „	<i>7 5/13</i>	<i>100x50x8</i>	<i>760</i>	<i>1 @ 100x10</i>	<i>welded flat bar</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	<i>rolled bar</i>	<i>170x25</i>	<i>as</i>	<i>145x29</i>
STERN FRAME { Propeller Post	<i>C.S.</i>	<i>as</i>	<i>Van Tongel'sche</i>	
{ Rudder „	<i>approved</i>	<i>Stahlwerke</i>		
Speed of Vessel	<i>under 12 knots</i>	✓		
RUDDER—Type	<i>semi-balanced</i>	✓		
„ A x D	<i>streamlined</i>	✓		
„ Diam. of head	<i>90</i>	<i>and as</i>	✓	
„ Mainpiece at top pintle	<i>105</i>	<i>approved</i>	✓	
„ „ heel	<i>60</i>	✓		
„ how constructed	<i>built up by E. Welding & riveting</i>			
„ double or single plate	<i>double</i>			
„ coupling, vertical or horizontal	<i>vertical, sleeve</i>	✓		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	<i>S. M. Green Heath</i>	✓
	<i>Aug. Thyssen Hütte; Hoerder Hütte, Reine; Hüttenhofs-Hütte; Mitteldeutsche Stahl- & Walzwerke, Brandenburg; Mannesmannröhren-Werke, Duisburg.</i>		
	Has the Steel been tested as required by the Rules?	<i>Yes</i>	✓

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.)

Forwarded herewith:-

Interim Certificate
Three Forging & Basting Reports
Twelve Plans (Ten approved & two as built) with list

There is no sister vessel to this ship.

PARTICULARS OF ELECTRIC WELDING (if employed)

Extent as shown on the approved plans, with Electrodes of approved types, those used for the welding of the motor-seatings complying with paras. 1-9, Sect. 4 of the Rules for the Application of Electric Arc Welding to Ship Construction.

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

Machinery aft; ✓ cruiser stern; Rudder electrically welded; leave out Oil Eng.

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

1st Bower Head:- 5:0:20, J.Q. 1130, 23-5-38. Shank:- 2:1:17, J.Q. 1134, 23-5-38
2nd " 5:0:18, J.Q. 1131, 23-5-38. " 2:1:19, J.Q. 1133, 23-5-38
3rd " Stream:- 2:1:15, J.Q. 1132, 23-5-38

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 10.165^m R.Q.D. — ft., Bridge ✓ ft., Forecastle 5.38^m = 33.3 ft. = 17.7 ft. ✓
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. not known Signal Letters LJXD Extreme Breadth over Belting ✓ Over-all Length 43.8^m = 143.7 ft. ✓
No. and Material of Decks One - steel ✓
Parts of Bottom of Vessel coated with cement or approved composition - Cement in F.W. tanks only, - remainder bitumastic
Particulars of composition (if fitted) and of approval Bitumastic asp.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	15.8 ft =	4.825 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	12.3 ft =	3.745 ✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	✓	✓	Other tanks, if fitted, F.W. Tanks P & S in E. space 5.3 ft =	1.605	5 ✓
Total length (if continuous) and Capacity	✓	✓	(If necessary, furnish further information by sketch.)	✓	✓

Order for Special Survey No. 215

Date

26-7-37

Dates of Surveys held while building

1937. Nov. 2, 16, 30; Dec 8, 15, 20, 27, 30; 1938 Jan 4, 7, 11, 17, 24, 28; Feb. 2, 7, 16, 17, 21, 24; Mar 1, 10, 15, 29; April 4, 7, 11, 12, 19, 23, 27; May 3, 4, 7, 11, 18, 30; June 2, 7, 11, 15, 17, 18, 21.

Total No. of Visits 44