

## STEEL STEAMER or MOTORSHIP.

NOV 28 1938

Received at London Office

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 *19th November 1938* Port of *Hamburg*No. *22940*Survey held at *Hamburg* Date First Survey *23rd May 1938* Last Survey *9th November 1938*On the *Steel Single Screw Motor Tanker "INVERSUIR"* Machinery fitted *aft.*State Type *Full Scantling* State Type of Erections *Bridge*TONNAGE under Tonnage Deck... *8656* CLASS *+100 A1* State if with freeboard *no* Built at *Hamburg, Behn Meyer & Co.*Do. of space or spaces between Tonnage Dk. and Upper Dk. *-* Length from fore part of stem to after part of stern *L 495.0* Launched *8th Sept. 1938* Yard No. *203*Total *-* Breadth (greatest moulded) *B 67.0* Builders *Deutsche Werft, A.G.*Gross Tonnage *9456* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34.17* Owners *Inver Tankers Ltd.*Register Tonnage *5561* 1st Longitudinal Number (L x D) *= 16913* Managers *A. Weir & Co.*2nd Numeral L x (B + D) *= 50078* (Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. Framing Depth "d" at middle of length. See Sec. 3 (1d) *-* Residence *London*Length *503.2* Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.49* Port of Registry *Dublin*Breadth *67.35* Do. Long Bridge to top of keel *-* If surveyed while building, afloat, or in dry dockDepth *34.2* Draught Moulded *27 5/8* Surveyed while building, afloat and in dry dock.

## 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.
FRAMES, Spacing amidships	730	✓	Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	685	✓	" " Reversed Frame	✓	
" " in peaks	610	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1450 x 13	✓
Frame Amidships, <i>WELDED</i>	250 90 11	✓	" " top Angles	<i>steel welded</i>	✓
" " Extends up to	<i>upper dk.</i>	✓	" " bottom Angles	<i>steel welded</i>	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<i>Motor sealing</i>	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	250	✓	" " Vertical Angle to Tank side	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	✓		Bracket abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, [ or ]	✓		" " Vertical Angle to Tank side	✓	
" " Third " " "	✓		Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " from 1/2 len. for'd. to 15% len. from Stem	280 90 12	✓	Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " <i>FORE PEAK</i>	230 90 11.5	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
" " in Peaks, <i>WELDED</i>	230 90 11	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 - 120	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>	✓	Breadth and thickness of Middle Line Strake	1260 x 18	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Web frames side stringers and tiers of beams as approved</i>	✓	ENGINE SPACE		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>3 bottom stringers of increased thickness extra side girders as approved</i>	✓	Thickness of remainder in <i>WELDED</i>	30 - 13.5	✓
ANGLE BOTTOM.			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?	<i>yes</i>	✓
Floors, Depth and thickness at mid-line in Holds	1600 x 12.5	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	1000 x 11.5	✓	Uppermost Continuous Deck, amidships	200 90 10	✓
Middle Line Keelson, <i>WELDED</i>	180 90 10	✓	" " in way of Bridge, Angle, [ or ]	200 90 13	✓
FACE BAR <i>WELDED</i>	✓		Spacing	<i>every frame</i>	✓
" " Through Plate or Intercoastal Plate	1600 x 11.5	✓	I. STRINGER		
" " Foundation Plate on Floors	✓		Deck, amidships, Angle, <i>WELDED</i>	200 90 10	✓
" " Flat Plate Keel Angles	100 100 13	✓	Spacing	<i>every frame</i>	✓
Side Keelsons, No. each side	✓		II. STRINGER		
" " thickness of Intercoastal Plate	✓		Deck, amidships, Angle, <i>WELDED</i>	200 90 10	✓
" " Angles	✓		Spacing	<i>every frame</i>	✓
DOUBLE BOTTOM. AFT			Fourth Deck, amidships, Angle, [ or ]	✓	
Solid Floors, thickness and spacing	11 x 730	✓	Spacing	✓	
" " Are Frame and Reversed Frame joggled?	<i>no</i>	✓	Poop Deck, <i>WELDED</i>	200 75 9.5	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	<i>every frame</i>	✓
" " breadth and thickness at margin plate	✓		Bridge Deck, <i>WELDED</i>	200 75 9	✓
			Spacing	<i>every frame</i>	✓
			Forecastle Deck, <i>WELDED</i>	230 90 11	✓
			Spacing	<i>every frame</i>	✓



WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
<p><i>B.O.T.</i></p> <p>Total No. of W.T. BULKHEADS in Vessel—</p> <p>Extending to Upper Deck (Sec. 3 c) <i>18</i> ✓</p> <p>“ Deck next below <i>—</i></p> <p>As per Rule <i>yes</i></p>				<p>Casting or Forging. Scantlings. Maker's Name. Any Departure from Approved Plans to be Noted.</p>			
STIFFENERS.				<p>KEEL, Bar ..... <i>Flat Plate Keel</i> ✓</p> <p>STEM ..... <i>Plate as built approx. 1/4" thick</i> ✓</p> <p>STERN FRAME { Propeller Post ..... <i>fasting approx. 1/4" thick</i> ✓ Rudder <i>INTERM. Forging 280#</i> ✓</p> <p>Speed of Vessel ..... <i>13 Km.</i> ✓</p> <p>RUDDER—Type ..... <i>Simplex Balance</i> ✓</p>			
<p>Plating Thickness, mm.</p> <p>VERTICAL. HORIZONTAL.</p> <p>Scantlings. Spacing. Scantlings. Spacing.</p>				<p>A x D ..... <i>✓</i></p> <p>Diam. of head ..... <i>Forging 3009</i> ✓</p> <p>Mainpiece at top pintle ..... <i>✓</i></p> <p>“ heel ... <i>Electric welded</i> ✓</p> <p>how constructed <i>Simplex Balance Rudder Post 1/4"</i> ✓</p> <p>double or single plate coupling, vertical or horizontal ..... <i>double plate</i> ✓</p>			
<p>CENTRE TANKS ..... <i>250</i> ✓</p> <p>MIDSHIP BULKHD. <i>14-9.5 90 x 12 870</i> ✓</p> <p>“ “ <i>250</i> ✓</p> <p>SIDE TANKS ..... <i>12-8 90 x 10 690</i> ✓</p> <p>“ “ <i>250</i> ✓</p> <p>“ Holds ..... <i>200.90.10</i> ✓</p> <p>COLLISION “ (in Hold) ..... <i>12-6.5 180.75.10 615</i> ✓</p> <p>AFTER PEAK “ ..... <i>12-7.5 180.75.10 615</i> ✓</p>				<p>“ ..... <i>1200.90.10</i> ✓</p> <p>“ ..... <i>1200.10.12.5</i> ✓</p> <p>“ ..... <i>1220 x 9</i> ✓</p> <p>“ ..... <i>250.90.12</i> ✓</p>			
<p>Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>L. M. Open Hearth Process.</i> ✓</p>				<p>STEEL. <i>Yulchhoffnungshütte, Oberhausen.</i></p>			
<p>Has the Steel been tested as required by the Rules? <i>yes.</i> ✓</p>							

Rpt. 1\*.

PARTICULARS OF LONGITUDINAL FRAMING. Hamburg Report No. 22940  
First Edition

FRAMING.						AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.		RIVETING.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
						In Ship.			In Ship.					Diam. Spang.		Inches.		Number. Diameter.	
						Inch.	Inch.	Inch.	Inch.	Inch.	Inch.								
Framing of L, C or C .....																			
Frames in Bridge 'tween Decks ...																			
Frames from Uppermost Continuous Deck No. 1																			
" 2																			
" 3																			
" 4																			
" 5																			
" 6																			
" 7																			
" 8																			
" 9																			
" 10																			
" 11																			
" 12																			
" 13																			
" 14																			
" 15																			
" 16																			
Spacing of Longitudinal Frames																			
Amidships .....																			
At Ends .....																			
<del>Transverse</del> Bottom <del>Longitudinal</del> C																			
Bottom " 400.110.14.18 400.110.14.18																			
Amidships 870 ✓ 870 ✓																			
At Ends... 870 ✓ 870 ✓																			
Transverses.																			
Side { Depth and Thickness																			
(in 'tween Decks) { Face Angles .....																			
{ Lugs to Shell* .....																			
Side { Depth and Thickness																			
(in Hold) { Face Angles .....																			
{ Lugs to Shell* .....																			
Depth and Thickness 1600.125 ✓ 1600.125 ✓																			
Face Angles 300.90.165 ✓ 300.90.165 ✓																			
Lugs to Shell* 150.150.12 ✓ 150.150.12 ✓																			
Back Bars ... 90.90.12 ✓ 90.90.12 ✓																			
Brackets ..... as per plan ✓ as per plan ✓																			
Spacing of Transverse Frames ..... 2920 ✓ 2920 ✓																			
State if joggled or liners.																			
Longitudinal Beams of																			
Bridge Deck ... 200 90 15 200 90 15																			
Upper " 200 90 15 200 90 15																			
Second " 200 90 15 200 90 15																			
Third " 200 90 15 200 90 15										</									

lm. 237. T.

NOTE :—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

the first page.

W1196-0031 <sup>2</sup>/<sub>3</sub>

Committee's Minute

Character assigned

FRI 2 DEC 1938

+ 1000 ft.

Carrying petroleum in bulk

Lloyd Arch.

Time 11.50  
2.4.4 - 1800

Write Ham (✓)  
Bonn (✓)

oil Eng.

Lloyd's Register  
Foundation

W1196-0031 3/3







Total No. of Visits 45