

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

Received at London Office 17 SEP 1936

State if Report has been sent on the Freeboard of the Vessel *No.*State if Report is sent on the Machinery of the Vessel *Yes.*Date of completion of report *11th September 1936*Survey held at *Selby & Hull*Date First Survey *12th May 1936*Last Survey *9th September 1936*

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*Steel Single Screw Ketch**"KING SOL"*

(Indy. aft.)

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

*Full Scantling*

State Type of Erections

*R.Q. & 1/2 Fee.*

TONNAGE under Tonnage Deck...

*430.32*CLASS *+100A1*

State if with freeboard

*No*

"Steam Trawler" as condition of Class

FEET.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

*430.32*

Gross Tonnage

*486.04*

Register Tonnage

*238.01*

## REGISTERED DIMENSIONS.

FEET.

Length

*166.25*

Breadth

*27.65*

Depth

*14.20*

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

*165'-0"*

Breadth (greatest moulded)

*B 27'-6"*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

*D 15'-0"*

1st Longitudinal Number (L x D)

*= 2475*

2nd Numeral L x (B + D)

*= 7012*

Framing Depth "d," at middle of length. See Sec. 3 (1d)

*✓*

Proportions—Depth to Length—Uppermost continuous deck to top of keel

*✓*

Do. Long Bridge to top of keel

*✓*

Draught Moulded

*✓*Built at *Selby*Launched *July 7th 1936* Yard No. *1168*Builders *Cochrane & Sons Ltd.*Owners *Rinovia Steam Fishing Co. Ltd.*

Managers

(Where necessary to be entered in Reg. Book.)

Residence

*Grimsby*

Port of Registry

*Grimsby*

If surveyed while building, afloat, or in dry dock

*while building afloat*

## 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.
<b>FRAMES, Spacing amidships</b>	<i>20 1/2 x 22</i>	<i>✓</i>	<b>Bracket Floors, Frame</b>	<i>✓</i>	
" " from length to Collision bulkhead	<i>17</i>	<i>✓</i>	" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>20</i>	<i>✓</i>	" " Vertical Struts	<i>✓</i>	
<b>SIDE FRAMING.</b>			<b>Centre Girder</b> , depth and thickness amidships	<i>30</i>	
Frame Amidships, Angle <i>2 1/2</i> x <i>3</i>	<i>5 3 .40 L</i>	<i>✓</i>	" " top Angle	<i>3 3 30</i>	
" " Extends up to	<i>deck</i>	<i>✓</i>	" " bottom Angle	<i>3 3 .30</i>	
Reversed Frame Amidships, Angle	<i>3 3 .38</i>	<i>✓</i>	<b>Side Girders</b> , No. each side and thickness	<i>2, .30</i>	
" " Extends up to	<i>across floors</i>	<i>✓</i>	<b>Margin Plate</b> depth (excl. of flange) and thickness	<i>✓</i>	
Depth of Framing Girder	<i>5</i>	<i>✓</i>	" " Vertical Angle to Tank side	<i>✓</i>	
Frames in Uppermost Continuous tween Decks, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	<i>✓</i>	" " Bracket abaft 1/2 len. from stem	<i>✓</i>	
" " Second tween Decks, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	<i>✓</i>	" " Vertical Angle to Tank side	<i>✓</i>	
" " Third " " " "	<i>✓</i>	<i>✓</i>	" " Bracket forward 1/2 len. from stem	<i>✓</i>	
Framing in Peaks, Angle <i>2 1/2</i> x <i>3</i>	<i>5 3 .40 L</i>	<i>✓</i>	" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>✓</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5/4</i>	<i>✓</i>	" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>✓</i>	
State if Frame Joggled	<i>No</i>	<i>✓</i>	<b>Tank Side Brackets</b> , height above base line at toe of Frame and thickness	<i>5'-0" x .30</i>	<i>✓</i>
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>Midship Scantlings</i>	<i>✓</i>	<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<i>Closer framing &amp; riveting</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>.30</i>	
<b>SINGLE BOTTOM.</b>	<i>9 x 14 x 7/16 angle Strip on face of frames.</i>	<i>✓</i>	Thickness of remainder in Holds	<i>.30</i>	
Floors, Depth and thickness at mid-line in Holds	<i>additional keelson</i>	<i>✓</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?	<i>✓</i>	
Height of Brackets at side above base line at toe of frame	<i>18 .38</i>	<i>✓</i>	<b>BEAMS.</b>		
Middle Line Keelson, on Floors, Angles	<i>15 x 14 x 1/2 36 lb</i>	<i>✓</i>	Uppermost Continuous Deck, amidships	<i>6 3 .40 B.A.</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>	<i>✓</i>	" " in way of Bridge, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>	<i>✓</i>	Spacing	<i>Alternate</i>	
" " Flat Plate Keel Angles	<i>✓</i>	<i>✓</i>	<b>Second Deck</b> , amidships, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
Side Keelsons, No. each side	<i>one</i>	<i>✓</i>	Spacing		
" " thickness of Intercoastal Plate	<i>✓</i>	<i>✓</i>	<b>Third Deck</b> , amidships, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
" " Angles	<i>5 4 .46 .50 in B.S.</i>	<i>✓</i>	Spacing		
<b>DOUBLE BOTTOM, on floors</b>			<b>Fourth Deck</b> , amidships, Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
Solid Floors, thickness and spacing	<i>18 .38</i>	<i>✓</i>	Spacing		
" " Are Frame and Reversed Frame joggled?	<i>No</i>	<i>✓</i>	<b>Poop Deck</b> , Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>	<i>✓</i>	Spacing		
" " breadth and thickness at margin plate	<i>✓</i>	<i>✓</i>	<b>Bridge Deck</b> , Angle, <i>1</i> or <i>2</i>	<i>✓</i>	
			Spacing		
			<i>Whaleback</i>		
			<b>Forecastle Deck</b> , Angle, <i>1</i> or <i>2</i>	<i>4 3 .40</i>	
			Spacing	<i>30"</i>	



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>			Stringer Plate, breadth and thickness in way of Bridge .....		
„ in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells .....		
„ „ „ „ „ 3" dia. to			Thickness of Plating abreast Deck openings in way of Bridge .....		
„ in Holds „ „ Ruit arrangements			Thickness of Plating within line of openings...		
„ „ „ „ „			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	✓		If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells 50 x 3 1/2 30 x 3 1			If Plated, state thickness .....		
„ „ „ „ in way of Bridge ✓			<b>Poop Deck.</b>		
„ Angle in Wells 3 3 38			Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells 35			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge 38 x 34			<b>Bridge Deck.</b>		
Thickness of Plating within line of openings... ✓			Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness 5 x 3 Borneo white wood			Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck. Whaleback</b>		
Stringer Plate, breadth and thickness in Wells... ✓			Stringer Plate, breadth and thickness.....	31	
			Plating, Sheathing, material and thickness ...	37 1/2 31	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Yes</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
<i>Carboard</i> <del>FLAT PLATE KEEL</del> .....	<i>32</i>	<i>.50</i>	<i>.42</i>	<i>.42</i>	<i>/</i>	<i>double</i>	<i>3/4</i>	<i>5/8</i> <i>Ed. R.</i>	<i>352</i>	<i>3/4</i>	<i>2 7/8</i>	<i>Strapped</i>	
„ DELG. (if any)		<i>.43</i>	<i>.38</i>	<i>.38</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>Lapped</i>	
BOTTOM PLATING, No. of Strakes ..... <i>2</i> .....		<i>.43</i>	<i>.38</i>	<i>.38</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>"</i>	
BILGE PLATING, No. of Strakes ..... <i>1</i> .....		<i>.43</i>	<i>.38</i>	<i>.38</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes ..... <i>1</i> .....		<i>.43</i>	<i>.38</i>	<i>.38</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>352</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Walls .....	<i>45</i>	<i>.625</i>	<i>.50</i>	<i>.50</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>352</i>	<i>"</i>	<i>"</i>	<i>Strapped</i>	
UPPER DECK, Sheer-strake in Bridge ...					<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>352</i>	<i>"</i>	<i>"</i>	<i>Lapped</i>	
STRAKE BELOW Sheer-strake in Walls .....		<i>.43</i>	<i>.38</i>	<i>.38</i>	<i>/</i>	<i>"</i>	<i>"</i>	<i>"</i>					
STRAKE BELOW Sheer-strake in Bridge ...					<i>/</i>								
POOP SIDE PLATING .....					<i>/</i>								
BRIDGE SIDE PLATING ...					<i>/</i>								
FORE'TLE SIDE PLATING			<i>.31</i>			<i>Single</i>	<i>"</i>	<i>"</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>Strapped</i>	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				5					
Extending to Upper Deck (Sec. 3 c)									
„ Deck next below				3					
As per Rule									
				STIFFENERS.					
				Plating Thickness.		VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKHD.	Upper tween decks								
„	Second	50	42 -26	6x3x.34L 6x3x.30L	30"	/			
„	Third	75	38 -26	ditto	30"	/			
„	Holds	88	38 -26	ditto	30"	/			
COLLISION	(in Hold)	96	38 -26	6x3x.30L	24"	/			
AFTER PEAK		6/16	38 -26	3 1/2 x 3 x .30 3 x 3 x .30	{ 30" 24"	/			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....		Roller 8"x2"		
STEM .....		" 8"x2"		
STERN FRAME	{ Propeller Post ..... { Rudder .....	Iron { 8x3 3/4" Forging { 8x3 3/4"	Forster	
RUDDER—A x D .....		142.12		
Speed of Vessel .....		12 Knots		
RUDDER mainpiece at head		6 1/2" dia. Iron { 67 1/8"x5" brass { 34"x5"	Forster	
" " heel .....				
" " how constructed .....		forged & built		
" " double or single plate		double	30	
" " coupling, vertical or		horizontal		
" " horizontal .....				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process*  
*Conssett & Co. Ltd. : Dorman Long Co. Ltd. : Skinningrove I. Co. Ltd.*  
*Appleby, Frodingham & Co. Ltd.*  
 Has the Steel been tested as required by the Rules? *Yes*



0295 212



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.)

*Handwritten notes and signatures in the top section of the form.*

*Handwritten notes and signatures in the second section of the form.*

*Handwritten notes and signatures in the third section of the form.*

*Handwritten notes and signatures in the fourth section of the form.*

*Handwritten notes and signatures in the fifth section of the form.*

*Handwritten notes and signatures in the sixth section of the form.*

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*Handwritten notes and signatures in the eighth section of the form.*

*Handwritten notes and signatures in the ninth section of the form.*

*Handwritten notes and signatures in the tenth section of the form.*

*Handwritten notes and signatures in the eleventh section of the form.*

*Handwritten notes and signatures in the twelfth section of the form.*

*Handwritten notes and signatures in the thirteenth section of the form.*

*Handwritten notes and signatures in the fourteenth section of the form.*

*Handwritten notes and signatures in the fifteenth section of the form.*

*Handwritten notes and signatures in the sixteenth section of the form.*

*Handwritten notes and signatures in the seventeenth section of the form.*

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

1st Bower *6-0-12 : J.D. : 1030 : 27/3/36.*  
2nd „ *5-3-0 : J.D. : 1035 : 31/3/36.*  
3rd „ ✓

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ✓ ft., R.Q.D. *89* ft., Bridge ✓ ft., Forecastle *29.5* ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (This information is to be given as it should appear in the Register Book) *18k-1*

Official No. : Signal Letters : Is bottom of Vessel coated with cement *Yes* if not give particulars of composition

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>Armed Ship.</i>	<i>6.8</i>	<i>10.5</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

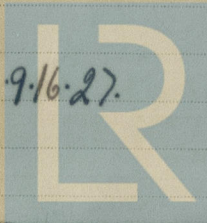
Order for Special Survey No. *3100.*

Date *27th April 1936.*

Dates of Surveys held while building

*1936:-  
May 12. 14. 19. 27. June 11. 18. 25. July 3. 6. 9. 16. 27.  
Aug. 11. 24. 31. Sept. 3. 5. 7. 8. 9.*

Total No. of Visits *20*



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