

## STEEL STEAMER or MOTORSHIP.

10 NOV 1930

Received at London Office

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 *31<sup>st</sup> October 1930*Port of *Hamburg*No. *19591*Survey held at *Hamburg*Date First Survey *7<sup>th</sup> Feb. 1930*Last Survey *21<sup>st</sup> October 1930*

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

*Steel Twin Screw Oil Tanker "KOLL"*Machinery fitted *aft*

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

*Full scantling Tessel*State Type of Erections *Forecastle Deck*

TONNAGE under Tonnage Deck...

*9312*CLASS *+100 A 1*

State if with freeboard as condition of Class

FEET.

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

Total

Gross Tonnage

*10051*

Net Tonnage

*7019*

REGISTERED DIMENSIONS. FEET.

Length

Breadth

Depth

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

*L 483.465*

Breadth (greatest moulded)

*B 65.75*

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

*D 36.745*

1st Longitudinal Number (L x D)

*= 17765*

2nd Numeral L x (B + D)

*= 49552*

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

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

*13.16*

Draught Moulded

*27.35*Built at *Hamburg*Launched *10<sup>th</sup> Sept. 1930* Yard No. *142*Builders *Deutsche Werft A.G.*Owners *Odd Bungs Tankerederi A/S*

Managers

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

Residence *Oslo*Port of Registry *Oslo*

If surveyed while building, afloat, or in dry dock

*On stocks and afloat*

## 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	<i>760</i>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>685</i>		" " Reversed Frame		
" " in peaks	<i>610</i>		" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships	<i>1500 155 12</i>	
Frame Amidships, <i>Height 17/100</i> [	<i>280 90 12</i>		" " top Angles	<i>90 90 14.5</i>	
" " Extends up to	<i>Upper deck</i>		" " bottom Angles	<i>130 130 15.5</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>4 - 13.5</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>1000 14</i>	
Depth of Framing Girder	<i>280</i>		" " Vertical Angle to Tank side Bracket <i>1000 14</i>	<i>160 160 13.5</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<i>continuous</i>	
" " Second 'tween Decks, Angle, [ or [			" " Gussets, spacing and scantling <i>continuous</i>	<i>660 14 11</i>	
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, <i>Height 17/100</i> [	<i>230 90 12</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>2250 12.5</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>22 120</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake	<i>1450 14</i>	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Stringers and webframes</i>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>3 bottom strakes increased thickness</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>yes</i>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>1350 11 12</i>		Uppermost Continuous Deck, amidships	<i>230 90 11</i>	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [ or [		
Middle Line Keelson, <i>Face bar</i> <i>With 2 double</i>	<i>300 90 16</i>		Spacing	<i>every frame</i>	
" " Through Plate <i>119</i>	<i>1920 15</i>		I. Stringer amidships, Angle, <i>11/16</i>	<i>200 90 10</i>	
" " Foundation Plate on Floors			Spacing	<i>every frame</i>	
" " Flat Plate Keel Angles	<i>150 150 15</i>		II. Stringer amidships, Angle, <i>11/16</i>	<i>200 90 10</i>	
Side Keelsons, No. each side	<i>2</i>		Spacing	<i>every frame</i>	
" " thickness of <i>11.5</i>			III. Stringer amidships, Angle, <i>11/16</i>	<i>200 90 10</i>	
" " <i>Face bar</i> <i>11.5</i>	<i>200 90 10</i>		Spacing	<i>every frame</i>	
" " Angles <i>11.5</i>	<i>90 90 11.5</i>		Fourth Deck, amidships, Angle, <i>11/16</i>	<i>200 90 10</i>	
DOUBLE BOTTOM. <i>aft</i>			Spacing	<i>every frame</i>	
Solid Floors, thickness and spacing	<i>11 760</i>		Poop Deck, Angle, <i>11/16</i>	<i>230 90 11</i>	
" " Are Frame and Reversed Frame joggled?	<i>no</i>		Spacing	<i>every frame</i>	
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, [ or [		
" " breadth and thickness at margin plate			Spacing		
Forecastle Deck, Angle, <i>11/16</i>	<i>200 90 11</i>		Forecastle Deck, Angle, <i>11/16</i>	<i>200 90 11</i>	
Spacing	<i>every frame</i>		Spacing	<i>every frame</i>	

## PILLARS AND DECKS.

	M.M. MEASURES IN SHIP.			Any Departure from Approved Plans to be Noted.		M.M. MEASURES IN SHIP.			Any Departure from Approved Plans to be Noted.
<b>PILLARS</b> , No. of Rows.....	2 longitudinal bulkheads in way of oil tanks								
" in 'tween Decks, Size and Spacing.....									
" " " " "									
FORW. " in Holds	hollow pillars wide spaced	230	10						
" " " " "		210	10						
<b>Centre Line Bulkhead</b> , FORW. DEEPTANK		230	90	11					
Stiffeners and Spacing.....	Angle		685						
Plating, thickness of .....		8	11						
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness	1710	22							
" " " " in way of Bridge									
" Angle	200	200	22						
Thickness of Plating abreast Deck openings in way of Wells .....	22			(see letter)					
Thickness of Plating abreast Deck openings in way of Bridge .....									
Thickness of Plating within line of openings...	12								
If Sheathed, material and thickness .....	not sheathed								
<b>Second Deck.</b>									
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 .....									
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>Poop Deck.</b>									
Stringer Plate, breadth and thickness .....	1200	16							
Plating, Sheathing, material and thickness .....	990	9.5							
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....	7.5	9	10						
Plating, Sheathing, material and thickness .....	Reg. Pl.	6.5							
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness .....	915	9.5							
Plating, Sheathing, material and thickness .....	15	9							

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.	
	<i>Inches.</i> <i>m. in.</i>	<i>Inches.</i> <i>m. in.</i>	<i>Inches.</i> <i>m. in.</i>	<i>Inches.</i> <i>m. in.</i>			<i>Inches.</i> <i>m. in.</i>	<i>Inches.</i> <i>m. in.</i>		<i>Inches.</i> <i>m. in.</i>	<i>Inches.</i> <i>m. in.</i>		
FLAT PLATE KEEL .....	1400	26.7	20.7	20.7		Double	28	110	5	28	100	Lapped	
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes ..... 4.....	2300	18.8	18.8	13.5	18.5	Double	22	85	5	22	99	Lapped	
BILGE PLATING, No. of Strakes ..... 1..... 18 1700	1800	18.8	13.5	13.5	18.5	"	22	85	5	22	99	"	
SIDE PLATING, No. of Strakes ..... 4.....	2150	17.5	12.5	12.5	17.0	"	22	85	4	22	88	"	
UPPER DECK, Sheer-strake in <del>Bridge</del> .....	1320	26.1	12.5	12.5	26.0	"	28	110	5	28	120	"	
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	
STRAKE BELOW Sheer-strake in <del>Bridge</del> .....	1320	23.1	12.5	12.5	23.0	Double	25	95	5	25	110	Lapped	
STRAKE BELOW Sheer-strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	
POOP SIDE PLATING .....	-	-	22	11		Double	28	110	4	25	100	Lapped	
BRIDGE SIDE PLATING ...	-	-	-	-		-	-	-	-	-	-	-	
FOREC'TLE SIDE PLATING	-	-	11	-		Single	19	67	1	19	67	Lapped	

## WATERTIGHT BULKHEADS.

20:7.  
 Total No. of W.T. **BULKHEADS** in Vessel—

Extending to Upper Deck (Sec. 3 c) **13**

„ Deck next below

As per Rule **yes**

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b> , <i>Middle Tanks</i> <i>Upper and lower tanks</i>	8-13.2	2280-1520	11.5	250.75-75	160
<i>Side tanks</i> „ „ <del>Second</del> „	8-13	250	11.5	250.90-11.5	160
„ „ Third „	✓	✓	✓	✓	✓
„ „ Holds .....	✓	✓	✓	✓	✓
<b>COLLISION</b> „ (in Hold) .....	6.5-12	230.90-11	11.5	280.90-11	600
<b>AFTER PEAK</b> „ „ .....	7.5-13	95	11.5	230.90-11	600

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	Plate plate keel			
<b>STEM</b> .....	Forging	273-72	Spitzhaffnungshütte Oberhausen	
<b>STERN FRAME</b>	Propeller	BRACKETS	Hammer & Lutz	
	Rudder	POST	Hammer & Lutz	
<b>RUDDER—A x D</b> .....				
<b>Speed of Vessel</b> .....	11.5 Km.			
<b>RUDDER</b> .....	Forging	255	Hammer & Lutz	
" " head				
" " heel				
" how constructed	Simplex Balance		Dielsdorf	
" double	electric welded.			
" 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*  
*Spitzhaffnungshütte, Oberhausen; August Thyssen-Hütte, Hamborn A. Rhein;*  
*Klönauer-Werke A. G. Mannsfieldwerke*  
 Has the Steel been tested as required by the Rules? *yes*

## CHAIN CABLES.

## HAWSERS AND WARPS.

DEUTSCHE WERFT  
1.11.30  
HAMBURG

This vessel has been built in accordance with the approved and amended plans, the requirements embodied in the Secretary's letters, and in all other respects in conformity with the Rules and Society's Requirements for "Carrying Petroleum in bulk." The workmanship is of the best description for this type of vessel's, all parts conforming well with each other, without use of any packing, and efficiently riveted together. The plate tanks, double bottom tanks, deck tanks, oil cargo tanks and cofferdams have been filled and tested as required by the Rules and were found perfectly tight. The air and sounding pipes of all tanks comply with the Rules. The packing arrangement and strengthening of the bottom forward have been carried out as approved. The steel material used in the construction of this vessel has been made at works approved by the Committee and tested by the Society's Surveyors. Anchors and cables have been compared with the Certificates and found in order.

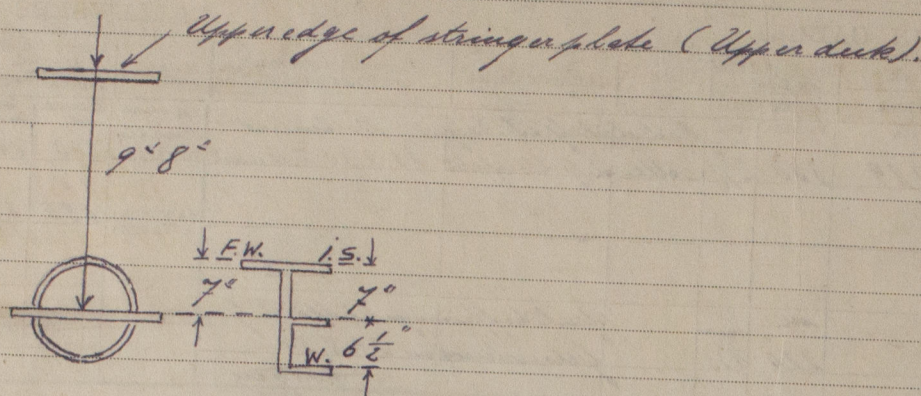
I am of opinion the Vessel should be Classed *F 100 A 1*  
*"Carrying Petroleum in bulk"*

Signature A. Chisholm H. Goering  
Successor to Lloyd's Register of Shipping.

FRI. 21 NOV 1930

Spec. Lit. © 2020  
Lloyd's Register Foundation  
W49-0067(2/2)

The Rudder is of special construction E. W. Simpson Patent Type. The Norse Trites Subard has been marked on the vessel's as given in sketch.



4) Midship Section; 2) Profile and decks; 3) Shear frame and rudder  
4) Spectacle brackets; 5) Pitch bulkheads, Fore and aft end sections;  
6) Oil fuel tank; 7) Cambranes and rudder trunk;  
8) Double bottom aft; 9) Revised plan showing extent of girders  
double bottom aft; 10) Shell plating in way of bridge.

5 Test Certificates Attached.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 112.3 ft., R.Q.D. — ft., Bridge — ft., Forecastle 42  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated —

Official No.                     ; Signal Letters L. J. M. K

particulars of composition *Pil tanks not washed, plates cement, otherwise paint.* Is bottom of Vessel coated with cement *no* if not give

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	-	-	Fore peak tank,	26	205
Double bottom, under Engines and Boilers,	-	-	After peak tank,	20	252
Double bottom, if under Engines only,	72	168	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	43	807
Double bottom, forward,	-	-	Other tanks, if fitted,	-	-
Total capacity of double bottom	-	168	(If necessary, furnish further information by sketch.)	-	-

\* The wells are not to be included in the above.

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

Order for Special Survey No. 133

Date 3. 2. 30

### Dates of Surveys held while building

1930: February 7, 18, 27; March 7, 21, 26; April 11, 17, 22, 25; May 12, 15, 23, 28, 30; June 2, 4, 7, 13, 27; July 1, 15, 17, 22, 24, 26, 30; Aug. 6, 12, 13, 16, 21, 23, 25, 28; Sept. 2, 4, 6, 8, 22, 30; Oct. 4, 7, 14, 24;

Total No. of Visits

Has the Steel been tested as required by