

STEEL STEAMER or MOTORSHIP.

Received at London Office AUG 1

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

Survey held at

On the (State if Machinery fitted Aft and

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

TONNAGE under Tonnage Deck

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.

Length

Breadth

Depth

CLASS

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

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

State if with freeboard as condition of Class

Built at

Launched

Builders

Owners

Managers

Residence

Port of Registry

If surveyed while building, afloat, $\frac{2}{3}$ in dry dock

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.
FRAMES, Spacing amidships	Longitudinal framing		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead			" " Reversed Frame		
" " in peaks	610		" " Vertical Struts		
" " D.B. under motor space	762		Centre Girder, depth and thickness amidships	150 x 54 - 46	
" " Deep tanks forward	685		" " top Angles	Double 90 90 13	
SIDE FRAMING.	See Rpt. 1*		" " bottom Angles	130 130 14.5	
Frame Amidships, Angle, E or F			Side Girders, No. each side and thickness	3 - 44	
" " Extends up to			" " + 1/2 hgt. in eng.		
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	55	
" " Extends up to			" " Vertical Angle to Tank side		
Depth of Framing Girder			" " Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, E or F			" " Bracket forward $\frac{1}{2}$ len. from stem		
" " Third " " "			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle, E or F	150 150 125		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	230 90 11 5		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No		INNER BOTTOM PLATING, Motor space		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	As per app'r. plans		Breadth and thickness of Middle Line Strake	1990 55	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per app'r. plans		Thickness of remainder in Hold	55	
SINGLE BOTTOM.			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & P. space and framing in Bunkers and Boiler Room?	yes	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships		
Middle Line Keelson, on Floors, Angles, E or F			" " in Wells, Angle, E or F		
" " Through Plate or Intercostal Plate			" " in way of Bridge, Angle, E or F		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, E or F		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Third Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM, in motor space			Fourth Deck, amidships, Angle, E or F		
Solid Floors, thickness and spacing	44 762		Spacing		
" " Are Frame and Reversed Frame joggled?	Frames joggled		Poop Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, E or F		
			Spacing		
			Forecastle Deck, Angle, E or F		
			Spacing		

W1197-010313

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Lloyd's Register Foundation

PILLARS AND DECKS.

[illegible]

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 or. to or.		Diam.	Spacing or. to or.	
	feet. Inches.	Inches.	Inches.	Inches.			feet. Inches.	feet. Inches.		Inches.	Inches.		
FLAT PLATE KEEL	mm. 2050	.92	.82	.82		Double	mm. 25	mm. 100	Butts to W.	Angle of rise 50° ✓			
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ..3.....	2480	.66	.70	.79	54-56	„	22	90	„	„	„	„	
BILGE PLATING, No. of Strakes ..1.....	2480	.67	.70	.79	54-56	„	22	90	„	„	„	„	
SIDE PLATING, No. of Strakes ..3.....	2490	.70	.52	.66		„	22	80	„	„	„	„	
UPPER DECK, Sheer-strake in Wells.....	2150	.64	.48	.48	70	„	22	80	„	„	„	„	
UPPER DECK, Sheer-strake in Bridge ...	2480	.64	.48	.48	70	„	25	90	„	„	„	„	
STRAKE BELOW Sheer-strake in Wells.....	1750	.95	.48	.48	52	„	25	90	„	„	„	„	
STRAKE BELOW Sheer-strake in Bridge ...	1910	1.07				„	25	90	„	„	„	„	
POOP SIDE PLATING	2050	.79	.48	.48	52	„	25	90	„	„	„	„	
BRIDGE SIDE PLATING44	.52			Double	25	125	„	„	60° ✓		
FOREC'TLE SIDE PLATING			.44			Single	22	90	„	„			
						Double	25	100	„	„			
						Single	22	90	„	„			
						Single	22	90	„	„			
						Single	19	75	„	„			

WATERTIGHT BULKHEADS.

Total No. of **W.T. BULKHEADS** in Vessel— *12*

Extending to Upper Deck (Sec. 3 c) *11 to U. dk.*

„ Deck next below *1 to 2nd dk.*

As per Rule _____

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	cast steel	as per appx. plans	B. & M. Iron. <input checked="" type="checkbox"/> A. B. Lindholm <input checked="" type="checkbox"/> Metala, <input checked="" type="checkbox"/>	
STERN FRAME { Propeller Post	"			
{ Rudder	Forg.	270 #	Metala Verkst.	
RUDDER —A × D × 100		1134		
Speed of Vessel	Proposed 13 knots		loaded. Messrs. Ltd. Co. Pilorn.	
RUDDER main piece at head		275 #		
" Type leaf			Simplex Balance.	
" how constructed				
" double or single plate		15		
" coupling, vertical or horizontal			Horizontal.	

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
Centre tanks	34.37			150 x 75 x 8	5 about
MIDSHIP BULK'D, Upper tween decks	40.44.52	Three ribs		250 x 90 x 11	5 770
" " Second	34.37	None		180 x 75 x 9	5 770
" " Side tanks	40.44.52			300 x 90 x 13	5 770
" " Third					
" " Water brids	34	None		200 x 75 x 11	5 770
" " Hold					
" " # 40	28.49	130 x 65 x 9	7	Deck, Peak &	
COLLISION		340 x 100 x 13	5 728	Deep tanks top	
" (in Hold)	# 9	80		320 x 90 x 11	5 675
AFTER PEAK	# 11	30 x 35	150 x 75 x 8	5 680-795	Plating deck & chain

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
Ernst Fern Baldwins Iron & Steel Co., Mannesmannröhren Werke, GutsMuths-Suhlth.
Wabank's Oberhausen.

Has the Steel been tested as required by the Rules?

Hockmarr M/T "KONGSGAARD" yard No. 196.

PARTICULARS OF LONGITUDINAL FRAMING.

W1197-0103 2/3

AUG 11 1937.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.
		mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			Diam.	Spang.	mm. for L. mm. for E.		Number.
Framing of <i>and</i> L & E		mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.		mm. for L. mm. for E.		Number.
Frames in Bridge 'tween Decks ...		165	75	9.5	165	75	9.5	165	75	9.5	165	75	9.5	19-115 P & F		Shell Long.	8	22
Frames from Uppermost Continuous Deck		200	90	11.5	200	90	11.5	200	90	11.5	200	90	11.5	22-135 B.		8	22	40
<div style="writing-mode: vertical-rl; transform: rotate(180deg);">Spacing of longitud.</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">770</div>		200	90	11.5	200	90	11.5	200	90	11.5	200	90	11.5	22	135	7	8	22
		200	90	11.5	200	90	11.5	200	90	11.5	200	90	11.5	22	135	7	8	22
		200	90	11.5	200	90	11.5	200	90	11.5	200	90	11.5	22	135	8	8	22
		230	90	12.5	230	90	12.5	230	90	12.5	230	90	12.5	22	135	8	8	22
		250	90	11	250	90	11	250	90	11	250	90	11	22	135	8	8	22
		250	90	13	250	90	13	250	90	13	250	90	13	22	135	9	9	22
		280	90	12	280	90	12	280	90	12	280	90	12	22	135	10	10	22
		280	90	12	280	90	12	280	90	12	280	90	12	22	135	10	10	22
		280	90	13.5	280	90	13.5	280	90	13.5	280	90	13.5	22	135	11	11	22
		300	90	13	300	90	13	300	90	13	300	90	13	22	135	11	11	22
		300	90	13	300	90	13	300	90	13	300	90	13	22	135	80	11	22
		300	90	16	300	90	16	300	90	16	300	90	16	22	135	80	11	22
		340	100	13	340	90	13	340	90	13	340	90	13	22	135	80	11	22
		380	100	14	380	100	14	380	100	14	380	100	14	22	135	80	11	22
Spacing of Longitudinal Frames		Amidships			At Ends			Amidships			At Ends			100 long. 15-23		at ends of vessel as per app. plans.		
Tank Top Longitudinals		200 75 10			200 75 10			200 75 10			200 75 10			22 135		80		
Bottom		180 75 10.5			180 75 10.5			180 75 10.5			180 75 10.5			22 135		80		
Spacing of Longitudinals		728			728			728			728			22 100 long. 15-23		at ends of vessel as per app. plans.		
Transverses.		mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			Rivets in Lugs to Shell		Diam. Spang.		
In Bridge 'tween Decks		24-30 1/2 x 38	21 x 38	POOP	24-30 1/2 x 38	21 x 38	POOP	24-30 1/2 x 38	21 x 38	POOP	24-30 1/2 x 38	21 x 38	POOP	19 90 P		19 90 F		
Bottom transv. In hold.		72 x 48	30 x 44	F	72 x 48	30 x 44	F	72 x 48	30 x 44	F	72 x 48	30 x 44	F	10 Rows		22 100 A		
Upper 'tween Decks		150 x 90 x 12.5	150 x 90 x 10	F	150 x 90 x 12.5	150 x 90 x 10	F	150 x 90 x 12.5	150 x 90 x 10	F	150 x 90 x 12.5	150 x 90 x 10	F	2 Rows		22 100 F		
Side transv. In hold.		57 1/2 x 72 1/2 x 46	150 x 90 x 12.5	F	57 1/2 x 72 1/2 x 46	150 x 90 x 12.5	F	57 1/2 x 72 1/2 x 46	150 x 90 x 12.5	F	57 1/2 x 72 1/2 x 46	150 x 90 x 12.5	F	2 Rows		22 100 A		
Back Bars		150 x 90 x 17	150 x 90 x 11	F	150 x 90 x 17	150 x 90 x 11	F	150 x 90 x 17	150 x 90 x 11	F	150 x 90 x 17	150 x 90 x 11	F	2 Rows		22 100 F		
Brackets		3025-3170-3025	2055	2740 F	3025-3170-3025	2055	2740 F	3025-3170-3025	2055	2740 F	3025-3170-3025	2055	2740 F	3048 A		3048 F		
Spacing of Transverse Frames		mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			mm. for L. mm. for E.			100 long. 15-23		at ends of vessel as per app. plans.		
Longitudinal Beams of L & E		150 75 8	150 75 8	A	150 75 8	150 75 8	A	150 75 8	150 75 8	A	150 75 8	150 75 8	A	728		850		
Upper		200 90 11	200 90 11	F	200 90 11	200 90 11	F	200 90 11	200 90 11	F	200 90 11	200 90 11	F	728-850		700-800		
Second		165 75 9.5	165 75 9.5	A	165 75 9.5	165 75 9.5	A	165 75 9.5	165 75 9.5	A	165 75 9.5	165 75 9.5	A	728-850		700-800		
Third		150 75 8	150 75 8	A	150 75 8	150 75 8	A	150 75 8	150 75 8	A	150 75 8	150 75 8	A	728-850		700-800		
Transverse Beams		10 x 38	10 x 38	F	10 x 38	10 x 38	F	10 x 38	10 x 38	F	10 x 38	10 x 38	F	10 x 38		10 x 38		

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

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.

A = Aft in way of motor space. F = Forward in way of dry cargo hold and deep tank.

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.)

Phase see separate list enclosed herewith.

Special notations:—Part electrically welded including butts of shell upper deck and longitudinal bulkhead plating. Longitudinal framing. Connect struts. Rudder electrically welded.

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

1st Bower
2nd "
3rd "

Shade { 55:1:3 P.K. 826 28-1-37
54:3:23 P.K. 828 28-1-37
48:3:23 P.K. 829A 5-3-37

Shade { 26:3:16 P.K. 827 28-1-37
27:0:5 P.K. 829 28-1-37
21:3:22 P.K. 830 28-1-37

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 97.0 ft., R.Q.D. ft., Bridge 40.65 ft., Forecastle 67.0 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) 1 Dk. 2nd deck clear of cargo tanks.

Official No. ✓ : Signal Letters LJOH Is bottom of Vessel coated with cement No if not give particulars of composition Cement in peaks and in well at after end of motor space

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	25	143
Double bottom, under Engines and Boilers,			After peak tank,	18-22	342
Double bottom, if under Engines only,	70	78	Deep tank, aft, Group bulkhead & wing tanks.	12.5	617
Double bottom, if under Boilers only,		25	Deep tank, forward,	33.7	469
Double bottom, forward,		77	Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
		Total capacity of double bottom 180			

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

Order for Special Survey No. 77

Date 13th Jan. 1936

Dates of Surveys held while building

5/11, 9/11, 10/11, 11/11, 12/11, 1/12, 2/12, 3/12, 4/12, 5/12, 6/12, 7/12, 8/12, 9/12, 10/12, 11/12, 12/12, 1/13, 2/13, 3/13, 4/13, 5/13, 6/13, 7/13, 8/13, 9/13, 10/13, 11/13, 12/13, 1/14, 2/14, 3/14, 4/14, 5/14, 6/14, 7/14, 8/14, 9/14, 10/14, 11/14, 12/14, 1/15, 2/15, 3/15, 4/15, 5/15, 6/15, 7/15, 8/15, 9/15, 10/15, 11/15, 12/15, 1/16, 2/16, 3/16, 4/16, 5/16, 6/16, 7/16, 8/16, 9/16, 10/16, 11/16, 12/16, 1/17, 2/17, 3/17, 4/17, 5/17, 6/17, 7/17, 8/17, 9/17, 10/17, 11/17, 12/17, 1/18, 2/18, 3/18, 4/18, 5/18, 6/18, 7/18, 8/18, 9/18, 10/18, 11/18, 12/18, 1/19, 2/19, 3/19, 4/19, 5/19, 6/19, 7/19, 8/19, 9/19, 10/19, 11/19, 12/19, 1/20, 2/20, 3/20, 4/20, 5/20, 6/20, 7/20, 8/20, 9/20, 10/20, 11/20, 12/20, 1/21, 2/21, 3/21, 4/21, 5/21, 6/21, 7/21, 8/21, 9/21, 10/21, 11/21, 12/21, 1/22, 2/22, 3/22, 4/22, 5/22, 6/22, 7/22, 8/22, 9/22, 10/22, 11/22, 12/22, 1/23, 2/23, 3/23, 4/23, 5/23, 6/23, 7/23, 8/23, 9/23, 10/23, 11/23, 12/23, 1/24, 2/24, 3/24, 4/24, 5/24, 6/24, 7/24, 8/24, 9/24, 10/24, 11/24, 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