

STEEL STEAMER or MOTORSHIP.

Received at London Office 14 JAN 1937

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

12th January, 1937 Port of

Malmö No. 1524.

Survey held at

Malmö

Date First Survey

2nd May, 1936

Last Survey

7th January, 1937.

On the

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

Single Screw Motor Tanker "HAVKONG" (Machinery aft.)

State Type

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

Full Scantling Longitudinal framing

State Type of Erections

Prop. Bridge & Sigs.

TONNAGE under Tonnage Deck

8888.62

CLASS \times 100A1

State if with freeboard as condition of Class

No

Built at

Malmö

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

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

L 490.00

Breadth (greatest moulded)

B 62.75

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

D 36.58

1st Longitudinal Number (L \times D) = 17542.02nd Numeral L \times (B + D) = 48290.5

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

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

13.39

Draught Moulded

28'-4 3/8"

Launched

31st Oct, 1936 Yard No. 192

Builders

Hockmors Mekan. Verkstads AB.

Owners

A/S HAVTOR

Managers

P. Mayner

Residence

Oslo

Port of Registry

Oslo

If surveyed while building, afloat, $\frac{1}{2}$ in dry dock*Yes*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	2 mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		2 mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	Longitudinal		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	framing		" " Reversed Frame		
" " in peaks	610		" " Vertical Struts		
" " " DB under motor space	762		Centre Girder, depth and thickness amidships	1500 \times 54 - 46	
" " " Deep Tanks forward	685		" " top Angles	Double 90 90 13	
SIDE FRAMING.			" " bottom Angles	130 130 14.5	
Frame Amidships, Angle, [or]	See Rpt. 1*		Side Girders, No. each side and thickness	3 44	
" " Extends up to			" " + 1/2 hgt. in ang.		
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	55	
" " Extends up to			" " Vertical Angle to Tank side	Tank top level.	
Depth of Framing Girder			" " Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [or]			" " Bracket forward $\frac{1}{2}$ len. from stem		
" " Third " " " " " "			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle $\frac{1}{2}$ [.....	150 150 13.5		" " 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	See Rpt. 1*		INNER BOTTOM PLATING, Motor space		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	No		Breadth and thickness of Middle Line Strake	1990 55	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	as per appr. plans.		Thickness of remainder in Hold motor space	55	
SINGLE BOTTOM.	as per appr. plans.		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?	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, [or]			" " in Wells, Angle, [or]		
" " Through Plate or Intercoastal Plate	as per appr. plans		" " in way of Bridge, Angle, [or]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, [or]		
" " Angles			Spacing	See Rpt. 1*	
DOUBLE BOTTOM in motor space			Fourth Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing	44 762		Spacing		
" " Are Frame and Reversed Frame joggled?	Frames joggled.		Poop Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]		
			Spacing		

PILLARS AND DECKS.

		8 mm. INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		8 mm. INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		
		As per applied plans.								
PILLARS , No. of Rows.....		B.A.								
Longitudinal bulkhead stiffeners No. 1		180	75	11						
" in 'tween Decks, Size and Spacing...		200	75	9						
		200	75	11						
		200	75	13						
" " " " " 5		250	90	12						
		250	90	11						
		250	90	13.5						
" in Holds " " " 8		280	90	12						
		280	90	13						
		300	90	13						
Longitudinal " " " 11		300	90	14						
Centre Line Bulkhead 5		320	90	14.5						
Stiffeners and Spacing.....		340	100	14						
Plating, thickness of		39	36	40	44	54				
STRINGERS AND DECKS.										
Uppermost Continuous Deck.										
Stringer Plate, breadth and thickness in Wells		1990 79		Doubled at bridge ends.						
" " " " in way of Bridge		1900 91								
" Angle in Wells		150	150	19						
Thickness of Plating abreast Deck openings) in way of Wells		79								
Thickness of Plating abreast Deck openings) in way of Bridge		✓								
Thickness of Plating within line of openings...		60								
If Sheathed, material and thickness		✓								
Second Deck. aft.										
Stringer Plate, breadth and thickness in Wells...		40-44								
Stringer Plate, breadth and thickness in way of Bridge		✓								
Thickness of Plating abreast Deck openings) in way of Wells		40-42								
Thickness of Plating abreast Deck openings) in way of Bridge		54		See plans of sister ships						
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		1720 34								
Plating, Sheathing, material and thickness ...		32 U.S. 28 S.								
Bridge Deck.										
Stringer Plate, breadth and thickness.....		1880 36								
Plating, Sheathing, material and thickness ...		34 U.S. 28 S.								
Forecastle Deck.										
Stringer Plate, breadth and thickness.....		38								
Plating, Sheathing, material and thickness ...		54								

SHELL PLATING.

SCANTLINGS.					RIVETING. ✓							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>no</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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.	
FLAT PLATE KEEL	mm. 2050	92	82	82	✓	Double	mm. 25	mm. 100	Butts & W.	Angle of var 50° ✓		
„ DBLG. (if any)	A 2480	66			✓							
BOTTOM PLATING, No. of Strakes <i>B & C</i> 3.....	2480	67	70-79	54-56	✓	"	22	90	"	"	"	"
BILGE PLATING, No. of Strakes	2490	70	52	66	✓	"	22	90	"	"	"	"
	2150-					"	22	80	"	"	"	"
SIDE PLATING, No. of Strakes <i>3</i>	2480	64	48	48-70	✓	"	22	80	"	"	"	"
UPPER DECK, Sheer- strake in Wells.....	1750	95	48	48-52	✓	<i>also see Bogies</i>	25	90	"	"	"	"
UPPER DECK, Sheer- strake in Bridge ...	1910	107			✓	"	25	90	"	"	"	"
STRAKE BELOW Sheer- strake in Wells.....	2050	79	48	48-52	✓	"	25	90	"	"	"	"
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING			42-48		✓	Single	25	125	"	"		60°
						Single	22	90	"	"		
BRIDGE SIDE PLATING ...	44-52				✓	Double	25	100	"	"		
						Single	22	90	"	"		
FOREC'TLE SIDE PLATING			44		✓	Single	22	90	"	"		
							19	75	"	"		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	12
Extending to Upper Deck (Sec. 3 c)	10 to U. Deck.
" Deck next below	2 to 2nd Deck. (1 is A.B.H.)
As per Rule	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Cast	As per applied plans.	B. & W. Copp.	
STEM	Cast	As per applied plans.	as Lindholm- Motala.	
STERN FRAME { Propeller Post	"			
{ Rudder	Forg.	270 #	Motala Varberg.	
RUDDER—A x D x 100		1134		
Speed of Vessel	Loaded.	13 knots.		
RUDDER mainpiece at head ...		275 #	Motala Varberg.	
" Type	Simplex balance.			
" how constructed	✓			
" double or single plate	15			
" coupling, vertical or horizontal	Horizontal.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	34, 37 40, 44, 52	Three rules.		150 x 75 x 8 5 250 x 90 x 11 5	770
" " " " " Second	34, 37	None		180 x 75 x 9 5	770
" " " " " Third	40, 44, 52			300 x 90 x 13 5	770
" " " " " Holds	34	None		200 x 75 x 11 5	770
" " " " " # 90	38-49	130 x 65 x 9 5		Deck, peak & 280 x 90 x 11 5	770
COLLISION " (in Hold)	# 9	340 x 100 x 13 5	728	deep tank top.	
AFTER PEAK " " # 11	30-35	150 x 75 x 9 5	680-795	flat deck.	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open hearth process
	Mannesmann-Röhren Werke AG - Luckenburgh. G. Hoffmanns- and Neu-Oberhausen. Dortmund-Hörder Hüttenverein	Wabersche Oberhausen
	Has the Steel been tested as required by the Rules?	Yes.

2013	1st Bower	...	87	2	1	...	62	5	0	0	...	85 1/2	...	...	6-10-36	M.B.
2014	2nd	...	74	1	1	...	56	0	0	0	...	73 1/2	...	...	6-10-36	M.B.
2014	3rd	...	74	1	1	...	56	0	0	0	...	73 1/2	...	...	6-10-36	M.B.
2014	Collective weight	...	240	2	19	...	...	...	...	...	...	244 1/2	...	...	...	...

Rpt. 1*.

Kockmann M/T "HAKKONG" Yard No. 192. PARTICULARS OF LONGITUDINAL FRAMING.

00427-002634-0082 3/3

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.	Speng.	mm.	Shell	Number.	Diameter.						
Framing of $\Delta, L \text{---} E$			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		mm. for L mm. for E							
Frames in Bridge 'tween Decks ...			165	75	9.5	165	75	8	165	75	9.5	165	75	8	165	75	9.5	19-115	P & F	Shell Long.	8	22	40			
Frames from Uppermost Continuous Deck			200	90	11.5	180	90	9.5	180	90	9.5	200	90	11.5	180	90	9.5	22-135	B.	7	8	22	40			
825			200	90	11.5	180	90	9.5	180	90	9.5	200	90	11.5	180	90	9.5	22	135	7	8	22	40			
" 2			200	90	11.5	180	90	9.5	180	90	9.5	200	90	11.5	180	90	9.5	22	135	7	8	22	40			
" 3			200	90	11.5	180	90	9.5	180	90	9.5	200	90	11.5	180	90	9.5	22	135	8	8	22	40			
" 4			230	90	12.5	180	90	10	180	90	10	230	90	12.5	180	90	10	22	135	8	8	22	40			
" 5			250	90	11	180	90	11.5	180	90	11.5	250	90	11	180	90	10	22	135	8	8	22	40			
" 6			250	90	13	180	90	10	180	90	10	250	90	13	180	90	10	22	135	9	9	22	42			
" 7			280	90	12	180	90	11.5	180	90	11.5	280	90	12	180	90	11.5	22	135	10	10	22	42			
" 8			280	90	12	230	90	11	230	90	11	280	90	12	230	90	11	22	135	10	10	22	42			
" 9			280	90	13.5	230	90	12.5	230	90	12.5	280	90	13.5	230	90	11	22	135	10	11	22	44			
" 10			300	90	13	230	90	11	230	90	11	300	90	13	230	90	11	22	135	10	11	22	44			
" 11			300	90	13	250	90	12	250	90	12	300	90	13	250	90	11	22	135	80	11	11	22	44		
" 12			300	90	16	250	90	11	250	90	11	300	90	16	250	90	11	22	135	80	11	11	22	44		
" 13			340	100	13	250	90	12	250	90	12	340	90	13	250	90	12	22	135	80	11	11	22	44		
" 14			380	100	14	250	90	12	250	90	12	380	100	14	250	90	12	22	135	80	11	11	22	44		
762			15-18, 15			17x52x4x4x.68			250x90x13.5 F			17x52x4x4x.68			250x90x13.5 F			22		135		80		Plots on bottoms longitudinals at mids on trans. brds in pump room and brds at ends of vessel as per approved plans.		
728			19-23, 16			17x48x4x4x.68			280x90x12 F			17x48x4x4x.68			280x90x12 F			22		135		80				
Spacing of Longitudinal Frames			Amidships			see above.			280x90x12 F						280x90x12 F			22		100 long 15-23		25 115 " 20		Plots on trans. 71-74		
At Ends			As same as amids			280x90x12 F			280x90x12 F						280x90x12 F			22		100 long 15-23		25 115 " 20				
DEEP						200 75 10						200 75 10														
Double Bottoms						180 75 10.5						180 75 10.5														
Tank Top Longitudinals																										
FPT Bottom																										
Spacing of Longitudinals			Amidships																							
At Ends...						728						728														
Transverses.			mm. for plates. mm. for L and E																							
In Bridge			24-30 1/2 x 38			18x38 POOP			24-30 1/2 x 38			18x38 POOP														
'tween Decks			3" Flange			21x38 FCLE			3" Flange			21x38 FCLE														
Depth and Thickness			3" Flange			3" Flange			3" Flange			3" Flange														
Face Angles			3" Flange			3" Flange			3" Flange			3" Flange														
Lugs to Shell*			3" Flange			3" Flange			3" Flange			3" Flange														
Bottom Transv.			72x48			75x75x10 POOP			72x48			75x75x10 POOP														
In Hold			150x90x12.5 F			75x75x10 FCLE			150x90x12.5 F			75x75x10 FCLE														
Upper 'tween Decks			150x90x10 F			75x75x10 FCLE			150x90x10 F			75x75x10 FCLE														
Face Angles			150x90x10 F			75x75x10 FCLE			150x90x10 F			75x75x10 FCLE														
Lugs to Shell*			150x90x10 F			75x75x10 FCLE			150x90x10 F			75x75x10 FCLE														
Depth and Thickness			57 1/2-72 1/2 x 46			30x50 A			57 1/2-72 1/2 x 46			30x50 A														
Face Angles			150x90x17 F			39x48 F			150x90x17 F			39x48 F														
Lugs to Shell*			150x90x17 F			39x48 F			150x90x17 F			39x48 F														
Side Transv.			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
In Hold			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
Face Angles			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
Lugs to Shell*			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
Back Bars			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
Brackets			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F			150x150x11.7 F														
Spacing of Transverse Frames			mm.			3025-3170-3025			3048 A			3025-3170-3025			3048 A											
State if joggled or liners.						2055 2740 F			2055 2740 F			2055 2740 F														
Longitudinal Beams of $\Delta, L \text{---} E$			Bridge Deck			150 75 8			150 75 8			150 75 8			150 75 8											
			Upper			200 90 11.5			200 90 11.5			200 90 11.5			200 90 11.5											
			Second POOP FCLE			230 90 11			230 90 11			230 90 11			230 90 11											
						165x75x9 F			165x75x9 F			165x75x9 F			165x75x9 F											
						165x75x9.5 A			165x75x9.5 A			165x75x9.5 A			165x75x9.5 A											
						150x75x8			150x75x8			150x75x8			150x75x8											
						150x75x8			150x75x8			150x75x8			150x75x8											

EQUIPMENT No 50576												LETTER 27		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
2012	1st Bower ...	87	3	17				62	5	0	0	85 1/2	"Union"	D. U. S.	Insps. 6-10-36 M.B.
2013	2nd " ...	87	2	1				62	5	0	0	85 1/2	"	"	" 6-10-36 M.B.
2014	3rd " ...	74	1	1				56	0	0	0	73 1/2	"	"	" 6-10-36 M.B.
	Collective weight.	249	2	19								244 1/2			
2015	Stream	25	1	10	6	3	11	25	1	2	7	25	Common Hocks.	D. U. S.	Insps. 6-10-36 M.B.

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
88216	150	2 1/4	127 1/10	178 9/10	408 : 2.0	} 989	300	2 1/16	stand bride "TAYCO"	Sam. Taylor & Son.	Net. 12-10-36 G.K.	S.W. TOWLINE...	130	5 1/2	85.7	130	5 1/2
88227	150	2 1/4	127 6/10	178 9/10	410 : 2.5							" 12-10-36 G.K.	S.W. HAWSEERS & WARPS	4x100	2 3/4	15.4	4x100	2 3/4
		Cir.						Cir.				"					
Stream } Steel Wire }	120	4 3/4			65.6		120	4 3/4				"					

Steering Gear, ~~Steam~~ *Electric* *Th. B. Striggs, Odense* Steering Gear, *Hand* *Tackle & blocks to winch ch.*
Boats *4* *Lifeboats* Steering Chains, Size and Test *✓* Windlass *Steam* *Helping hands*
Ceiling in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *None*
Cargo Hatchways.—(Upper Deck) *Steel coamings* *Inte. hatch. line Pine 3"*
Size of No. 1 Hatchway (Forward) *Inte. 14'-4 1/2" x 13'-4 1/2"* *U. de. Invd. 11'-3" x 11'-3"* *Oil tanks. 4'-0" x 6'-0"* *O. F. bunkers 2'-9 1/2" x 2'-9 1/2"* *Pump room 4'-0" x 5'-3"*
Number of Shifting Beams ~~under Fore and Afters~~ *Inte. hatch: - One*

KOCKUMS
MEKANISKA VERKSTADS AKTIEBOLAG

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Motor Tanker whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built under special survey in accordance with the approved plans and all the Rule requirements, as far as applicable, have been complied with.

The workmanship and the materials are both good.

Approved electrodes, complying with requirements of Section 4, classes 1-7, have been used for all parts welded.

All cargo oil tanks, main and other cofferdams, oil fuel bunkers, drip tanks forward, all compartments in double bottom under motor space, the fresh water tanks in the cruiser stern and the peak tanks have been tested as required by the Rules.

The decks and bulkheads clear of tanks and cofferdams have been tested by water from a hose and found tight.

The amount of Entry Fee \$ *Mr* : 200:20

Special Survey Fee.... \$ ^{1/2} 12057:20

inboard Hr. 450:00

Travelling Expenses, if any \$*Mr.* : 7:00


Fees applied for,

19th Jan 25

12 Jan, 1902

Received by me.

22 1 3

I am of opinion the Vessel should be Classed  100A1

Carrying Petroleum in Bulk

State whether the Vessel has been built under Special Survey *Yes.*

Signature _____

Surveyor to Lloyd's Register of Shipping

Certificate to be sent to Inv. Office, Mahm. Date of issue 11/11/2019

Committee's Minute

FRI 22 JAN 1937

Character assigned Φ 100A1

Carrying Petroleum in bulk.

Machy aft: Part electrically welded including
buys of sheet, upper deck &
longitudinal bulkhead plating

Lloyds A & Co

Write Memo (Hym)

+ Lmc 1.37: Oil kg
2 00 170 lbs.

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Lloyd's Register
Foundation

2800h200-12h200

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.)

Please see separate list enclosed herewith.

Certificates:-

Stem frame and connecting piece.
Rudder head
Rudder parts (flange & bushes)
Stem.

Special notations:- Part electrically welded including butts of shell, upper deck and longitudinal bulkhead plating. Longitudinal framing. Cruiser stem. 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 ..

Heads { 57:2:14 J.L. 328 17-9-36
57:0:14 J.L. 329 17-9-36
48:2:1 J.L. 330 17-9-36

Stanks { 30:1:3 J.L. 1833 17-9-36
30:1:12 J.L. 1834 17-9-36
25:3:0 J.L. 1835 17-9-36

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 97.0 ft., R.Q.D. ✓ ft., Bridge 40.65 ft., Forecastle 58.97 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 Stk. 2nd Stk. clear of cargo tanks.

Official No. ✓ : Signal Letters LJIC Is bottom of Vessel coated with cement No if not give particulars of composition Cement in peaks and 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,	2.5	168
Double bottom, under Engines and Boilers,		80	After peak tank,	18 & 2.2	160
Double bottom, if under Engines only,	70.0	27	Deep tank, aft, Cross bulkheads & wing tanks	12.5	632
Double bottom, if under Boilers only,		80	Deep tank, forward,	33.7	517
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
		Total capacity of double bottom 187			

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

Order for Special Survey No. 75

Date 1st August, 1935

Dates of Surveys held while building

2/5.5/5.8/5.13/5.14/5.25/5.26/5.27/5.30/5.2/6.5/6.10/6.11/6.15/6.16/6.18/6.29/6.30/6.1/7.2/7.13/7.15/7.20/7.24/7.29/7.31/7.5/8.6/8.10/8.12/8.17/8.18/8.19/8.20/8.21/8.22/8.23/8.24/8.25/8.26/8.27/8.28/8.31/8.1/9.2/9.3/9.4/9.5/9.6/9.7/9.8/9.9/9.10/9.11/9.12/9.13/9.14/9.15/9.16/9.17/9.18/9.19/9.20/9.21/9.22/9.23/9.24/9.25/9.26/9.27/9.28/9.29/9.30/9.1/10.2/10.3/10.4/10.5/10.6/10.7/10.8/10.9/10.10/10.11/10.12/10.13/10.14/10.15/10.16/10.17/10.18/10.19/10.20/10.21/10.22/10.23/10.24/10.25/10.26/10.27/10.28/10.29/10.30/10.1/11.2/11.3/11.4/11.5/11.6/11.7/11.8/11.9/11.10/11.11/11.12/11.13/11.14/11.15/11.16/11.17/11.18/11.19/11.20/11.21/11.22/11.23/11.24/11.25/11.26/11.27/11.28/11.29/11.30/11.1/12.2/12.3/12.4/12.5/12.6/12.7/12.8/12.9/12.10/12.11/12.12/12.13/12.14/12.15/12.16/12.17/12.18/12.19/12.20/12.21/12.22/12.23/12.24/12.25/12.26/12.27/12.28/12.29/12.30/12.1/13.2/13.3/13.4/13.5/13.6/13.7/13.8/13.9/13.10/13.11/13.12/13.13/13.14/13.15/13.16/13.17/13.18/13.19/13.20/13.21/13.22/13.23/13.24/13.25/13.26/13.27/13.28/13.29/13.30/13.1/14.2/14.3/14.4/14.5/14.6/14.7/14.8/14.9/14.10/14.11/14.12/14.13/14.14/14.15/14.16/14.17/14.18/14.19/14.20/14.21/14.22/14.23/14.24/14.25/14.26/14.27/14.28/14.29/14.30/14.1/15.2/15.3/15.4/15.5/15.6/15.7/15.8/15.9/15.10/15.11/15.12/15.13/15.14/15.15/15.16/15.17/15.18/15.19/15.20/15.21/15.22/15.23/15.24/15.25/15.26/15.27/15.28/15.29/15.30/15.1/16.2/16.3/16.4/16.5/16.6/16.7/16.8/16.9/16.10/16.11/16.12/16.13/16.14/16.15/16.16/16.17/16.18/16.19/16.20/16.21/16.22/16.23/16.24/16.25/16.26/16.27/16.28/16.29/16.30/16.1/17.2/17.3/17.4/17.5/17.6/17.7/17.8/17.9/17.10/17.11/17.12/17.13/17.14/17.15/17.16/17.17/17.18/17.19/17.20/17.21/17.22/17.23/17.24/17.25/17.26/17.27/17.28/17.29/17.30/17.1/18.2/18.3/18.4/18.5/18.6/18.7/18.8/18.9/18.10/18.11/18.12/18.13/18.14/18.15/18.16/18.17/18.18/18.19/18.20/18.21/18.22/18.23/18.24/18.25/18.26/18.27/18.28/18.29/18.30/18.1/19.2/19.3/19.4/19.5/19.6/19.7/19.8/19.9/19.10/19.11/19.12/19.13/19.14/19.15/19.16/19.17/19.18/19.19/19.20/19.21/19.22/19.23/19.24/19.25/19.26/19.27/19.28/19.29/19.30/19.1/20.2/20.3/20.4/20.5/20.6/20.7/20.8/20.9/20.10/20.11/20.12/20.13/20.14/20.15/20.16/20.17/20.18/20.19/20.20/20.21/20.22/20.23/20.24/20.25/20.26/20.27/20.28/20.29/20.30/20.1/21.2/21.3/21.4/21.5/21.6/21.7/21.8/21.9/21.10/21.11/21.12/21.13/21.14/21.15/21.16/21.17/21.18/21.19/21.20/21.21/21.22/21.23/21.24/21.25/21.26/21.27/21.28/21.29/21.30/21.1/22.2/22.3/22.4/22.5/22.6/22.7/22.8/22.9/22.10/22.11/22.12/22.13/22.14/22.15/22.16/22.17/22.18/22.19/22.20/22.21/22.22/22.23/22.24/22.25/22.26/22.27/22.28/22.29/22.30/22.1/23.2/23.3/23.4/23.5/23.6/23.7/23.8/23.9/23.10/23.11/23.12/23.13/23.14/23.15/23.16/23.17/23.18/23.19/23.20/23.21/23.22/23.23/23.24/23.25/23.26/23.27/23.28/23.29/23.30/23.1/24.2/24.3/24.4/24.5/24.6/24.7/24.8/24.9/24.10/24.11/24.12/24.13/24.14/24.15/24.16/24.17/24.18/24.19/24.20/24.21/24.22/24.23/24.24/24.25/24.26/24.27/24.28/24.29/24.30/24.1/25.2/25.3/25.4/25.5/25.6/25.7/25.8/25.9/25.10/25.11/25.12/25.13/25.14/25.15/25.16/25.17/25.18/25.19/25.20/25.21/25.22/25.23/25.24/25.25/25.26/25.27/25.28/25.29/25.30/25.1/26.2/26.3/26.4/26.5/26.6/26.7/26.8/26.9/26.10/26.11/26.12/26.13/26.14/26.15/26.16/26.17/26.18/26.19/26.20/26.21/26.22/26.23/26.24/26.25/26.26/26.27/26.28/26.29/26.30/26.1/27.2/27.3/27.4/27.5/27.6/27.7/27.8/27.9/27.10/27.11/27.12/27.13/27.14/27.15/27.16/27.17/27.18/27.19/27.20/27.21/27.22/27.23/27.24/27.25/27.26/27.27/27.28/27.29/27.30/27.1/28.2/28.3/28.4/28.5/28.6/28.7/28.8/28.9/28.10/28.11/28.12/28.13/28.14/28.15/28.16/28.17/28.18/28.19/28.20/28.21/28.22/28.23/28.24/28.25/28.26/28.27/28.28/28.29/28.30/28.1/29.2/29.3/29.4/29.5/29.6/29.7/29.8/29.9/29.10/29.11/29.12/29.13/29.14/29.15/29.16/29.17/29.18/29.19/29.20/29.21/29.22/29.23/29.24/29.25/29.26/29.27/29.28/29.29/29.30/29.1/30.2/30.3/30.4/30.5/30.6/30.7/30.8/30.9/30.10/30.11/30.12/30.13/30.14/30.15/30.16/30.17/30.18/30.19/30.20/30.21/30.22/30.23/30.24/30.25/30.26/30.27/30.28/30.29/30.30/30.1/31.2/31.3/31.4/31.5/31.6/31.7/31.8/31.9/31.10/31.11/31.12/31.13/31.14/31.15/31.16/31.17/31.18/31.19/31.20/31.21/31.22/31.23/31.24/31.25/31.26/31.27/31.28/31.29/31.30/31.1/32.2/32.3/32.4/32.5/32.6/32.7/32.8/32.9/32.10/32.11/32.12/32.13/32.14/32.15/32.16/32.17/32.18/32.19/32.20/32.21/32.22/32.23/32.24/32.25/32.26/32.27/32.28/32.29/32.30/32.1/33.2/33.3/33.4/33.5/33.6/33.7/33.8/33.9/33.10/33.11/33.12/33.13/33.14/33.15/33.16/33.17/33.18/33.19/33.20/33.21/33.22/33.23/33.24/33.25/33.26/33.27/33.28/33.29/33.30/33.1/34.2/34.3/34.4/34.5/34.6/34.7/34.8/34.9/34.10/34.11/34.12/34.13/34.14/34.15/34.16/34.17/34.18/34.19/34.20/34.21/34.22/34.23/34.24/34.25/34.26/34.27/34.28/34.29/34.30/34.1/35.2/35.3/35.4/35.5/35.6/35.7/35.8/35.9/35.10/35.11/35.12/35.13/35.14/35.15/35.16/35.17/35.18/35.19/35.20/35.21/35.22/35.23/35.24/35.25/35.26/35.27/35.28/35.29/35.30/35.1/36.2/36.3/36.4/36.5/36.6/36.7/36.8/36.9/36.10/36.11/36.12/36.13/36.14/36.15/36.16/36.17/36.18/36.19/36.20/36.21/36.22/36.23/36.24/36.25/36.26/36.27/36.28/36.29/36.30/36.1/37.2/37.3/37.4/37.5/37.6/37.7/37.8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