

STEEL STEAMER ~~OR~~ MOTORSHIPReceived at London Office *Dec 1930*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 *December 16th 1930.* Port of *Aberdeen.* No. *16390.*Survey held at *Aberdeen.* Date First Survey *April 25th 1930.* Last Survey *Dec. 13th 1930.*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Yes. Single Screw. "KINI."*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling.* State Type of Erections *R.Q.D. Fcl. D. + BOAT D.*TONNAGE under Tonnage Deck... *932.40.* CLASS *100. A.1.* State if with freeboard as condition of Class *no.* Built at *Aberdeen.*Do. of space or space between Tonnage Deck and Upper Deck *✓* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 229.0.* Launched *November 6th 1930.* Yard No. *121.*Total *932.40.* Breadth (greatest moulded) *B 39.0.* Builders *John Lewis & Sons Ltd.*Gross Tonnage *1388.44.* Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 14.6.* Owners *Union Steamship Co. of New Zealand. Ltd.*Register Tonnage *779.48.* 1st Longitudinal Number (L x D) *= 3320.5.* Managers *✓* (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

Length *229.15.* Framing Depth "d" at middle of length. See Sec. 3 (1d) *U.D. 11.30. Q.D. 15.90.* Residence *138 Leadenhall St. E.C.3.*Breadth *39.2.* Proportions—Depth to Length—Uppermost continuous deck to top of keel *15.8.* Port of Registry *Dunedin. N.Z.*Depth *12.5.* Draught Moulded *13.10.* If surveyed while building, afloat, or in dry dock *Just Entry.*

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 throughout <i>22 1/2"</i>	<i>22 1/2"</i>		Bracket Floors, Frame	<i>✓</i>	
" " from 1/3 length to Collision bulkhead	<i>✓</i>		" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>22 1/2"</i>		" " Vertical Struts	<i>✓</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships <i>31 1/2" x 40 1/2" 34" at ends 50 B.S.</i>		
Frame Amidships, Angle, E or F <i>U.D. 5 1/2" 3" 30" 5 1/2" x 31" 31"</i>	<i>5 1/2" 3" 30" 5 1/2" x 31" 31"</i>		" " top Angles <i>Singles 3" 3" 37" 47" in B.S.</i>		
" " in way of Brackets	<i>✓</i>		" " Double in Engine Space. Under Thrust + forward of 3/5 L.		
" " Extends up to <i>Uppermost Deck.</i>	<i>Uppermost Deck.</i>		" " bottom Angles <i>3" 3" 42" as above.</i>		
Reversed Frame Amidships, Angle, in lieu of Web in fore hold on 4 frames <i>5 1/2" 3" 38"</i>	<i>5 1/2" 3" 38"</i>		Side Girders, No. each side and thickness <i>One 30" 30"</i>		
" " Extends up to <i>Uppermost Deck.</i>	<i>Uppermost Deck.</i>		" " Top + Bottom Angles <i>3" 3" 30"</i>		
" " under Boiler Beams <i>3 1/2" 3" 45" Double.</i>	<i>3 1/2" 3" 45" Double.</i>		Margin Plate depth (excl. of flange) and thickness <i>30" x 35" 44 B.S. app. 23"</i>		
Depth of Framing Girder <i>As given.</i>	<i>As given.</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem <i>3" 3" 32" 42" B.S.</i>		
Frames in Uppermost Continuous Tween Decks, Angle, E or F <i>6" 3" 40" remainder at Brackets.</i>	<i>6" 3" 40" remainder at Brackets.</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem <i>3" 3" 30" 40 B.S.</i>		
" " Second Tween Decks, Angle, E or F <i>4 1/2" 3" 36" 44 1/2" apart.</i>	<i>4 1/2" 3" 36" 44 1/2" apart.</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem <i>Gussets on frames at Deep Brackets = 32"</i>		
" " R.Q.D. to Boat Deck <i>2 1/2" 2 1/2" 36"</i>	<i>2 1/2" 2 1/2" 36"</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem <i>3" 3" 37"</i>		
" " Third " Intermediate <i>4 1/2" 3" 36"</i>	<i>4 1/2" 3" 36"</i>		Tank Side Brackets, height above base line at toe of Frame and thickness <i>3 1/2" x 32" 42 B.S.</i>		
Can't Frames			INNER BOTTOM PLATING.		
Framing in Peaks, Angle or F <i>5" 3" 40"</i>	<i>5" 3" 40"</i>		Breadth and thickness of Middle Line Strake <i>41" x 35 1/2" 32" 46 in B.S.</i>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>Rivets 5 1/2" dia. in Peaks + Bottom Plating, for 1/2 L. rem. 7 dia.</i>	<i>Rivets 5 1/2" dia. in Peaks + Bottom Plating, for 1/2 L. rem. 7 dia.</i>		Thickness of remainder in Holds <i>31 in Holds 35 E.S. 46 B.S.</i>		
State if Frame Joggled <i>Yes.</i>	<i>Yes.</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>As approved.</i>		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>Deep Frames + as per app. Plans.</i>	<i>Deep Frames + as per app. Plans.</i>		BEAMS.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars <i>As per approved Plans + Section 11. of the Rules.</i>	<i>As per approved Plans + Section 11. of the Rules.</i>		Uppermost Continuous Deck, amidships in Wells, Angle, E or F <i>7 x 3 x 47 1/2 5 x 3 x 34 A.</i>		
SINGLE BOTTOM.			" " " in way of Bridge, Angle, E or F <i>4 3 1/2 36 A.</i>		
Floors, Depth and thickness at mid line in Holds <i>✓</i>	<i>✓</i>		Spacing <i>on every frame.</i>		
Height of Brackets at side above base line at toe of frame <i>✓</i>	<i>✓</i>		Beams in way Deep Brackets <i>U.D. 3 1/2" x 36" Q.D. 3" x 36"</i>		
Middle Line Keelson, on Floors, Angle, E or F <i>✓</i>	<i>✓</i>		Second Deck, amidships, Angle, E or F <i>7 x 3 x 47 1/2 7 x 3 x 35"</i>		
" " Through Plate on Intercoastal Plate <i>✓</i>	<i>✓</i>		QUARTER		
" " Foundation Plate on Floors <i>✓</i>	<i>✓</i>		Spacing <i>on every frame.</i>		
" " Flat Plate Keel Angles <i>✓</i>	<i>✓</i>		Half Beams in way of Hatch <i>4 3 1/2 36 A. + as approved.</i>		
Side Keelsons, No. each side <i>✓</i>	<i>✓</i>		Third Deck, amidships, Angle, E or F <i>5 3 32 A. and 7 3 40 J as approved.</i>		
" " thickness of Intercoastal Plate <i>✓</i>	<i>✓</i>		W.T. FLAT (FOR) <i>7 3 40 J</i>		
" " Angles <i>✓</i>	<i>✓</i>		Spacing <i>on every frame.</i>		
DOUBLE BOTTOM.			W.T. FLAT (AF) <i>5 3 40 A.</i>		
Solid Floors, thickness and spacing <i>30 in Holds 45 B.S. 38 1/2 T. floor.</i>	<i>30 in Holds 45 B.S. 38 1/2 T. floor.</i>		Fourth Deck, amidships, Angle, E or F <i>5 3 40 A.</i>		
" " Are Frame and Reversed Frame joggled? <i>Yes.</i>	<i>Yes.</i>		Spacing <i>on every frame.</i>		
Bracket Floors, breadth and thickness at middle line <i>30 in Frames doubled forward 1/2 L.</i>	<i>30 in Frames doubled forward 1/2 L.</i>		Boat Deck, Angle, E or F <i>6 3 34 A. 5 x 3 x 32 A.</i>		
" " breadth and thickness at margin plate <i>Boiler Stools 75.</i>	<i>Boiler Stools 75.</i>		" " Casing Beams <i>4 1/2 3 32 A.</i>		
			Spacing <i>on alternate frames.</i>		
			PANTING BEAMS FORWARD.		
			Bridge Deck, Angle, E or F <i>5 3 40 J</i>		
			Spacing <i>on alternate frames.</i>		
			Forecastle Deck, Angle, E or F <i>5 1/2 x 3 x 34 1/2 5 x 3 x 47 1/2 6 1/2 x 3 x 43 A.</i>		
			Spacing <i>on every frame.</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.
PILLARS, No. of Rows.....	as approved.		Stringer Plate, breadth and thickness in way of Bridge.....	32" x 5 1/2" x 58" (6' 3" x 3" x 4")	
" tele in 'tween Decks, Size and Spacing.....	2 1/2" dia. in rectangular frames		Thickness of Plating abreast Deck openings in way of Wells.....	32"	
" " Stern's Stairs (forward).....	2 1/2" " " "		Thickness of Plating abreast Deck openings in way of Bridge.....	30" + .26"	
" in Holds.....	2 1/2" x 3 1/2" square channels		Thickness of Plating within line of opening.....	30" + .26" covered.	
Deep Brackets in Care of Pillars.....	36" spaced as per Profile.		If Sheathed, material and thickness.....		
Center Line Bulkhead.....			Third Deck W.T. Plat (forward)		
Stiffness and Spacing.....			Stringer Plate, breadth and thickness.....	.30"	
Plating thickness of.....			If Plated, state thickness.....	.30"	
STRINGERS AND DECKS.			Fourth Deck W.T. Plat (aft.)		
Uppermost Continuous Deck Forward.			Stringer Plate, breadth and thickness.....	.30"	
Stringer Plate, breadth and thickness in Wells.....	18" x 70" midships + as per plan.		If Plated, state thickness.....	.30"	
" " " " in way of Bridge.....			Boat Poop Deck.		
" Angle in Wells.....	6" x 6" x 70" (6' 3" x 3" x 34" at ends)		Stringer Plate, breadth and thickness.....	60" x .26"	
Thickness of Plating abreast Deck openings in way of Wells.....	.68 (6" x 16" + as approved).		" angle.	3" x 3" x .28" Gullies 2 1/2" x 2 1/2" x .36"	
Thickness of Plating abreast Deck openings in way of Bridge.....	30" + .34" + as approved.		Plating, Sheathing, material and thickness.....	.26" Sheathing 5" x 2 1/2" P.Pine.	
Thickness of Plating within line of opening.....			Bridge Deck. Paraling Stringer		
If Sheathed, material and thickness.....			Stringer Plate, breadth and thickness.....	2 1/2" x 3 1/2"	
QUARTER Second Deck.			Shell connections.	1 1/2" x 1 1/2" .34"	
Stringer Plate, breadth and thickness in Wells.....	15" x 58" midships + as approved		Plating, Sheathing, material and thickness.....		
			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	.26"	
			Plating, Sheathing, material and thickness.....	.26" Completely sheathed 5" x 2 1/2" P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if joggled?			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.		
FLAT PLATE KEEL	40 1/2"	1/4"	1/4"	1/4"		1 1/2" Double. 5/8" for 3/5 L.	3/4"	3/16"	3 R.	3/4" + 7/8"	5/8" + 5/8"	Lapped.	
" DECK (if any)	A. 65 1/2"	3/4"	3/4"	35 1/2" - 39"		4 1/2" + 5 1/2" Double " 4 1/2" Double	1/2" + 3/4"	5/16" + 3/16"	3 R - 2 R.	3/4" + 7/8"	5/8" + 3/8"	Lapped.	
BOTTOM PLATING, No. of Strakes 2	B. 65 1/2"	"	3/4"	"		" 4 1/2" Double	1/2"	3/16"	"	3/4"	2 5/8"	"	
BILGE PLATING, No. of Strakes 1	D. 45 1/2"	"	3/5"	"		"	3/4" + 7/8"	3/16" + 3/16"	"	"	"	"	
SIDE PLATING, No. of Strakes 1 FOR 2 AFT.	E. 60"	"	"	" 35"		4 1/2" + 5 1/2" Double " 4 1/2" Double	1/2" + 7/8"	3/16" + 3/16"	"	"	"	"	
UPPER DECK, Sheer-strake in Welle FOR	F. 63"	"	✓	35"		4 1/2" Double	1/2"	3/16"	2 R.	"	"	"	
QUARTER DECK, Sheer-strake in Bridge ...	G. 45"	7/10"	3/5"	✓	52" Doubling at Breast.	3" + 2 1/2" Single	7/8" + 3/4"	3/16" + 3/16"	4 R - 3 R.	7/8" + 3/4"	3/8" + 5/8"	"	
UPPER DECK, Sheer-strake in Bridge ...	H. 45"	6/10"	✓	35"	52 6" 35"	" " " " " "	" " " "	" " " "	3 R - 2 R.	" " " "	" " " "	"	
STRAKE BELOW Sheer-strake in Welle FOR	F. 63"	5/12"	3/5"	✓		5 1/2" + 4 1/2" Double	" " " "	" " " "	"	"	"	"	
QUARTER DECK, Sheer-strake in Bridge ...	G. 45"	1/7"	✓	35"		" " " " " "	" " " "	" " " "	"	"	"	"	
BOAT DECK POOR SIDE PLATING				28"		2 1/2" Single	5/8"	2 1/4"	1 R.	5/8"	2 1/4"	"	
BULWARKS. BRIDGE SIDE PLATING ...	42"	3/10"	3/10"	3/10"					1 R.	5/8" + 3/4"	3/4" + 1/2"	"	
FOREC'TLE SIDE PLATING			3/10"			2 1/2" Single	5/8"	2 1/16"	1 R.	5/8"	2 1/4"	Lapped.	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)	Three.
„ Deck next below	1
As per Rule 4 as approved.	Three.

FORGINGS ~~and~~ CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	{ Rolled Steel Bar	$3\frac{1}{2} \times 1\frac{3}{4}$	Consolidated Iron Co.	
	{ Forged	$7 \times 3\frac{1}{2}$		
STERN FRAME { Propeller Post	Graphite	$6\frac{1}{2} \times 4\frac{3}{8}$	Emmerson Walker & Co.	
{ Rudder		$3\frac{3}{8} \times 4\frac{3}{8}$		
RUDDER—A × D		129.2		
Speed of Vessel		12 knots.		
RUDDER mainpiece at head ..		6"	Emmerson Walker & Co.	
" " heel ..		1 1/2"		
" " how constructed		Mild rolled steel. Arms shrunk on and keyed to main piece.		
" double or single plate ..		187.	Steel Co. of Scotland.	
" coupling, vertical or horizontal	Forge India	3" Dia.	Six 1 1/2" bolts	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" <u>NON-W.T.</u>					
" <u>Second</u>	✓	31 30" x 36	5" x 3" x 38 B.A.	36	3" B.A. in way Casing
" <u>Third</u>	✓	39 39" x 42	7 1/2" x 3" x 46 B.A.	33	
" <u>Holds</u>					
COLLISION					
" <u>(in Hold)</u>	110.	36" x 35" } 4" x 3" x 35 A.	36" x 35" } 4" x 3" x 36 B.A.	24	W.T. Plat.
"		30" x 30" } 3 1/2" x 3" x 32 A.	30" x 30" } 3 1/2" x 3" x 32 A.	30	
AFTER PEAK					
"	5	50" x 40" } 5" x 3" x 35 A.	50" x 40" } 5" x 3" x 35 A.	24	W.T. Plat.

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin*
The Steel Co. of Scotland Ltd. Cargo Steel Iron Co. Ltd. Dorman Long & Co. Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No 13512.										LETTER "O".		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.			
45765.	1st Bower ...	29	0	22	29	0	22	25	1	1	0	28.	"Yellow". C.S. HEAD.	✓	C.H. 9.9.30. <i>Proprietor</i>
45766.	2nd " ...	28	0	8.	"	"	"	27	4	1	14	28	" "	✓	" " "
45767.	3rd " ...	23	0	0	"	"	"	23	2	2	0	24	" "	✓	" " "
	Collective weight.	80	1	2								80.			
92128.	Stream	7	1	24.	1	3	18	9	13	3	0	7.	Ordinary	Willetts & Sons.	N. 15.10.30 <i>H. Green</i>

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.		Without Breaking Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Strain.	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.
97115.	75	9" 1 11/16	1320	6120	92.	1.	10.	98 3/4	240	9" 1 11/16	Slud	Willetts & Sons	N. 15.10.30. H. Green	TOWLINE...	90	8 1/2"	21.7.	90	3 1/4
97116	90	" 2 1/4	"	"	110.	3.	0.				"	"	"	HAWSERS & WARPS	90	2 1/4"	10.8.	90	2 1/4
97069	75 1/2	"	"	"	93.	1.	4.				"	"	"	"	90	1 3/4"	6.4.	90	1 3/4
97181	4 1/2	Cir.	"	"	5.	3.	10.			Cir.	"	"	"	"	"	"	"	"	"
Iron Stream Steel Wire	75	3 1/4"	✓	29.3 (without)	302	9	10	✓	75	3 1/4"	G.F.S.W.	Jane Wain Rope Co.	" 10.11.30 "	"	200	2 1/2"	13.2.		

Steering Gear, Steam *Macgregor & Glasgow Eng. Works Ltd. fitted direct to Rudder Head* ✓
Boats 2 Lifeboats 21'6". Dinghy 15'0" *Steering Chains, Size and Test* ✓ Windlass 8"11". *Clarke Chapman & Co.*
Ceiling in Holds, thickness and material *2 1/2" White Wood.* Cargo Battens, thickness, material and spacing *none.*
Cargo Hatchways.—(Upper Deck) *Steel plates & angles. Sides & ends .50"* Thickness of Hatches *2 1/2" White Pine.*
Size of No. 1 Hatchway (Forward) *39'9" x 23'0". No. 2 59'4" x 23'0" No. 3* ✓ *None* ✓ *None* ✓ *None* ✓
Number of Shifting Beams and/or Fore and Afters *11 Plates 19 1/2" 6" 10" x .87" angles 5" x 3" .46". Seven at No. 1. Hatch. Eleven at No. 2. Hatch.*

JOHN LEWIS & SONS Ltd.

Builder's Signature

C. C. Wilson
SHIPYARD MANAGER

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no.* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no.* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the Sec. Rules, the Rules and approved plans for the intended class 100.A.1.
The materials and workmanship are good.
The Double Bottom, Peak Tanks, Weather Decks and Bulkheads have been satisfactorily tested.
The Freeboard markings have been cut in and verified.
The following approved plans are forwarded herewith, viz:—Profile and Decks, Midship Sections, Bulkheads, Fore end stiffening, Engine and Boiler Seats, Stern frame and Rudder, Stiffening at break of Raised Quarter Deck, Steel Mast &c. (2) Cast Steel Quadrant and Pumping Arrangement, together with 2 Reports on Forgings and 1 Report on Quadrant Casting & 1 Certificate of Derrick Tests.
Two Letters from the Owners are also enclosed:—

1. re "dispensing with Bulkhead in Hold".
2. re "Bolted plates on main Bulkhead".

The amount of Entry Fee £ 5 : 0 : 0. Fees applied for, *Rev. 16.12.1930*

Special Survey Fee £ 138 : 16 : 0.

Freeboard *Travelling Expenses, if any* 5 : 0 : 0

Received by me, *26.12.1930*

I am of opinion the Vessel should be Classed *100.A.1.*
CARGO BATTENS NOT FITTED.

"Intermediate Bulkhead in Hold dispensed with 3 Bulkheads to Upper Deck."

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

Signature

J. Richardson

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Aberdeen.*

Date of issue *30/12/30*

Committee's Minute;

TUE. 23 DEC 1930

Character assigned

+ 100A1

Large battens not fitted

Lloyd's as per
+ Lmb. 12, 30
Ch.

note Blkhd.



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Lloyd's Register Foundation

0007 2/2

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.)

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

1st Bower	17.1.15 cwt 15	M. A. Black.	4211.	Antwerp.	22.2.29.
2nd "	17.0.14 "	A. Bennett.	6011.	"	28.6.30.
3rd "	13.2.27 "	"	2606	"	30.1.30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ~~158~~ 25 ft., R.Q.D. ~~158~~ 25 ft., ~~Ridge~~ ☒ ~~Fore~~ Forecastle 30.08 ft.
(in feet and tenths) When the Poop is joined to the R.D. this should be distinctly stated ☒ BOAT D^W AFT = 57.77.

No. and Material of Decks (this information is to be given as it should appear in the Register Book).

One Deck (steel.)

Official No. : Signal Letters

Is bottom of Vessel coated with cement ☒ Yes. ☐ if not give

particulars of composition Bitumasth on Tank Top in Boiler Space, on Tank Top in Bunkers, also all plating inside Bunkers.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	23.5.	84.
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	7.41.	7
Double bottom, if under Engines only, N ^o 5. F.W.	18.54.	22.	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only, N ^o 4. DRY TANK.	16.68	25.	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward, N ^o 1 (61.20) = 118 TONS. " 2 + 3 (89.0) = 208 TONS.	150.20	326.	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Total capacity of double bottom	348.	(If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

Order for Special Survey No. 1791.

Date 1.3.30.

Dates of Surveys held while building

1930. April 25. May 2. 9. 15. 21. 27. June 4. 10. 13. 20. 26. July 1. 5. 11. 14. 16. 28. 30.
August 4. 7. 11. 13. 15. 22. 26. September 3. 10. 12. 15. 17. 24. October 2. 9. 10. 13. 15. 16. 20. 28.
November 3. 6. 13. 18. 24. 28. December 2. 9. 11. 12. 15.

Total No. of Visits 50.