

## STEEL STEAMER or MOTORSHIP.

Received at London Office -5 JUN 1936

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yesDate of completion of report 14.5.36Port of KobeNo. 9508Survey held at TamaDate First Survey 2/5/35Last Survey 4.4.36 1936

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

Single Screw motor ship. OTOWASAN MARU

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

Longitudinally framed tanker.State Type of Erections Long Port & Forecastle.TONNAGE under Tonnage Deck... 8097.60CLASS † 100A1.

State if with freeboard as condition of Class

Built at TamaLaunched 14/12/1935 Yard No. 211.Builders Mitsui Bussan Shipbuilding DepartmentOwners Mitsui Bussan Ship Department.

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

Residence

Port of Registry Kobe.

If surveyed while building, afloat, or in dry dock

while building

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

Total

Gross Tonnage 9233.72Register Tonnage 5337.68

## REGISTERED DIMENSIONS. FEET.

Length 488'-0"Breadth 65'-0"Depth 36'-0"Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 488.0Breadth (greatest moulded) B 65.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 36.01st Longitudinal Number (L × D) = 175682nd Numeral L × (B + D) = 49288Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.75Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.09  
Do. Long Bridge to top of keel 13.55Draught Moulded 28'-5 1/2"

## 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> .....	<u>Long Framing</u>		<b>Bracket Floors, Frame</b> .....		
" " from 1/2 length to Collision bulkhead.....	<u>See Plan 1st on back, 24" to frame 96, 24" before 96</u>		" " Reversed Frame.....		
" " in peaks.....	<u>24"</u>		" " Vertical Struts.....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<u>48" .61"</u>	
Frame Amidships, Angle, [ or ].....	<u>300.90.90 10.5/13</u>		" " top Angles.....	<u>90.90.13 7F</u>	<u>Sup</u>
" " Extends up to.....	<u>2nd DK.</u>		" " bottom Angles.....	<u>150.150.15 1L</u>	<u>add 1/2" girders under andly ang. seat</u>
<b>Reversed Frame Amidships, Angle, [ or ]</b> .....	<u>250.90.90 11.5</u>		<b>Side Girders, No. each side and thickness</b> .....	<u>Three 90.85.52</u>	<u>horizontal</u>
" " Extends up to.....	<u>2nd DK.</u>		<b>Margin Plate depth (excl. of flange) and thickness</b> .....	<u>68".56"</u>	
<b>Depth of Framing Girder</b> .....			" " Vertical Angle to Tank side Bracket, shaft 1/2 len. from stem.....	<u>150.150.12 1L</u>	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b> .....	<u>9.3 1/2.475 5</u>	<u>folded only</u>	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem.....	" " "	
" " Second 'tween Decks, Angle, [ or ]			<b>Ang. to shell pl.</b> Gaskets, spacing and scantling shaft 1/2 len. from stem.....	<u>150.150.15 L</u>	
" " Third " " "			<b>Ang. to Floors</b> Gaskets, spacing and scantling forward 1/2 len. from stem.....	<u>150.150.15 7</u>	<u>see plan</u>
<b>Framing in Peaks, Angle, [ or ]</b> .....	<u>9.3 1/2.475 5</u>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<u>51 in E.R. 50 for D.</u>	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....			<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> .....	<u>yes.</u>		Breadth and thickness of Middle Line Strake.....	<u>110" .56"</u>	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars)		<u>See plan</u>	<b>R.F.O. TANK TOP HOVS.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars.....		<u>See plan</u>	Thickness of remainder in Holds.....	<u>42"</u>	
<b>SINGLE BOTTOM.</b>			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?.....		
Floors, Depth and thickness at mid-line in Holds.....	<u>46" x 46 250 90 90 11/45 [ fac bar.</u>		<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame.....	<u>150 150 12 4 90 90 13 Shell angle 39 x 39 x 46 4 81 x 81 x 50 See mid. Section</u>		<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b> .....	<u>8.3 1/2.45 Fore Hold.</u>	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b> .....	<u>46 3-9 x 3-9</u>		" " in way of Bridge, Angle, [ or ]	<u>9.3 1/2.475 ENG. RM.</u>	
" " Through Plate or Intercoastal Plate.....	<u>90 90 13 1/2</u>		Spacing.....	<u>{ 27" for D. 33" E.R. }</u>	
" " Top Angles Foundation Plate on Floors.....	<u>130 130 12</u>		<b>Second Deck, amidships, Angle, [ or ]</b> .....	<u>9.3 1/2.475 for D. ditto ENG. RM.</u>	
" " Flat Plate Keel Angles	<u>Two Blad.</u>		Spacing.....	<u>EVERY frame.</u>	
<b>Side Keelsons, No. each side</b> .....			<b>Third Deck, amidships, Angle, [ or ]</b> .....	<u>9.3 1/2.475</u>	
" " thickness of Intercoastal Plate.....			Spacing.....	<u>EVERY frame.</u>	
" " Angles.....			<b>Fourth Deck, amidships, Angle, [ or ]</b> .....		
<b>DOUBLE BOTTOM. IN ENG. RM.</b>			Spacing.....		
Solid Floors, thickness and spacing.....	<u>50 45 60 33"</u>		<b>Poop Deck, Angle, [ or ]</b> .....	<u>8.3 1/2.45 Through.</u>	
" " Are Frame and Reversed Frame joggled?.....	<u>yes.</u>		Spacing.....	<u>9.3 1/2.475 half.</u>	
<b>Bracket Floors, breadth and thickness at middle line</b> .....			<b>Bridge Deck, Angle, [ or ]</b> .....	<u>200.75.10</u>	
" " breadth and thickness at margin plate.....			Spacing.....	<u>27 1/2</u>	
			<b>Forecastle Deck, Angle, [ or ]</b> .....	<u>9.3 1/2.475</u>	
			Spacing.....	<u>Every frame</u>	



# 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>	<i>One row 84</i>		Stringer Plate, breadth and thickness in way of Bridge .....		
"    in 'tween Decks, Size and Spacing.....	<i>Two Rows in Bay Room</i>	✓	Thickness of Plating abreast Deck openings in way of Wells .....	<i>36</i>	<i>for hold</i>
"    "    "    "    "    "	<i>See app'd plans</i>		Thickness of Plating abreast Deck openings in way of Bridge .....	<i>36</i>	<i>Bay Room</i>
"    in Holds    "    "			Thickness of Plating within line of openings...		
"    "    "    "    "    "			If Sheathed, material and thickness .....	<i>40</i>	✓
<b>Centre Line Bulkhead.</b>	<i>2 long. O.T.B.</i>	✓	<b>Third Deck. B. Room only.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	<i>42</i>	✓
Plating, thickness of .....			If Plated, state thickness.....	<i>42</i>	✓
<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	<i>78 x .84</i>	✓	If Plated, state thickness .....		
"    "    "    "    in way of Bridge			<b>Poop Deck.</b>		
"    Angle in Wells .....	<i>200 200 20</i>	✓	Stringer Plate, breadth and thickness .....	<i>68 x .64</i>	✓
Thickness of Plating abreast Deck openings in way of Wells .....	<i>.76 x .80</i>	<i>See plan</i>	Plating, Sheathing, material and thickness .....	<i>64, 15" O.P. in accommodation</i>	
Thickness of Plating abreast Deck openings in way of Bridge .....			<b>Saloon Bridge Deck.</b>		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....	<i>36</i>	✓
If Sheathed, material and thickness .....	<i>40</i>	✓	Plating, Sheathing, material and thickness .....	<i>30, 2" O.P. in accom-</i>	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	<i>51" x .38</i>	<i>for hold</i>	Stringer Plate, breadth and thickness.....	<i>36 x .38</i>	✓
	<i>.40</i>	<i>Bay Room</i>	Plating, Sheathing, material and thickness .....	<i>36, now</i>	✓

# SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches. Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	<i>55</i>	<i>.92</i>	<i>.82</i>	<i>.82</i>		<i>Double</i>	<i>1" 4"</i>	<i>5</i>	<i>1"</i>	<i>4 1/2</i>	<i>lap.</i>
"    DBLG. (if any)											
BOTTOM PLATING, No. of Strakes .....	<i>A.C.D.</i>	<i>.74</i>	<i>A. 58</i>	<i>.84</i>		<i>"</i>	<i>7/8 3 1/2</i>	<i>5</i>	<i>1"</i>	<i>4 1/2</i>	<i>"</i>
BILGE PLATING, No. of Strakes .....	<i>B</i>	<i>.82</i>	<i>.58</i>	<i>.56</i>		<i>"</i>	<i>7/8 3 1/2</i>	<i>5</i>	<i>1"</i>	<i>4 1/2</i>	<i>"</i>
SIDE PLATING, No. of Strakes .....	<i>E.F.</i>	<i>.74</i>	<i>.82</i>	<i>.54</i>		<i>"</i>	<i>7/8 3 1/2</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells.....	<i>G.H.J.</i>	<i>.66</i>	<i>.50</i>	<i>.50</i>		<i>Double</i>	<i>1 1/8 4 1/2</i>	<i>5</i>	<i>1 1/8</i>	<i>5 1/16</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	<i>72"</i>	<i>.92</i>	<i>.80</i>	<i>.50</i>		<i>Double</i>	<i>1" 4"</i>	<i>5</i>	<i>1"</i>	<i>4 1/2</i>	<i>"</i>
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....		<i>.66</i>		<i>.42</i>		<i>Double</i>	<i>7/8 3 1/2</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			<i>.44</i>			<i>Single</i>	<i>3/4 3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>

# WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel</b>	<i>10 O.T.B. (Sec. 3 c) (see extra coeff. table)</i>
Extending to Upper Deck (Sec. 3 c)	<i>2 WTB</i>
"    Deck next below .....	<i>all</i>
As per Rule .....	<i>Right</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>					
"    "    Second    "		<i>See app'd plans</i>			
"    "    Third    "					
"    "    Holds .....					
<b>COLLISION</b> "    (in Hold) .....	<i>26-52</i>	<i>150 78 85</i>	<i>24</i>	<i>See plan</i>	
<b>AFTER PEAK</b> "    "    .....	<i>28-52</i>	<i>250 90 10</i>	<i>4 1/2</i>	<i>See plan</i>	

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>				
<b>STEM .....</b>	<i>Cast Steel</i>	<i>See plan</i>	<i>Kaisha</i>	
<b>STERN FRAME</b> { Propeller Post .....	<i>Cast Steel</i>	<i>See app'd Plan.</i>	<i>Tapan Steel works.</i>	
{ Rudder .....				
<b>RUDDER—A x D .....</b>	<i>551</i>			
<b>Speed of Vessel .....</b>	<i>16 Knot.</i>			
<b>RUDDER mainpiece at head .....</b>	<i>CS</i>	<i>See app'd plan</i>	<i>Tapan Steel works.</i>	
"    "    heel .....				
"    how constructed .....	<i>Bert's Type</i>			
"    double or single plate .....	<i>Double plate</i>			
"    coupling, vertical or horizontal .....	<i>See plan</i>			

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	<i>Asano Shipbuilding Co., Kawasaki Dockyard Co., Ltd. Fukui Plate &amp; Sheet mill.</i>
		<i>The Nippon Steel Tube Co., Nippon Seitetsu Kabushiki Kaisha.</i>
	Has the Steel been tested as required by the Rules?	<i>Yes</i>



EQUIPMENT No. 4751. metric LETTER 2+ 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.				
1155	1st Bower ...	90	3	20				63	12	2	0	85½	stockless	The Kobe Steel Works, Ltd.	K.S.W.P.H. 14.11.35. C.M.
1156	2nd " ...	90	2	26				"	"	"	"		"	" A771 B.	" " " " "
1157	3rd " ...	79	0	20				58	6	1	0		"	" B2801 B.	" " 20.11.35. "
	Collective weight.	259	7	10								244½		" B2501 F.	" " 14.11.35. "
1154	Stream .....	33	1	22				31	5	0	0	31½			

## 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.
2121	300 2/3	2 1/8	125 1/10	175 1/8	1172-2-15	989		300	2 9/16	Stud	The Osaka Chain Works, Ltd.	10-7-35 11-7-35 12-7-35 The Osaka chain works, Prov. House. Y. Jo.	TOWLINE HAWSERS & WARPS	240 1/2	44	95.40	240	44
														220 1/2	80		418 1/2	65 1/2
Iron Stream Chain or Steel Wire	225	38 dia		73.5				225	38 dia									

8 F.S.W. affd.

Steering Gear, Steam electric. (Kawasaki &amp; Kys. Kobe)

Steering Gear, Hand Quadrant &amp; wheel.

Boats 2-life Boats & 1-Temba.  
(28.00 & 88.1 & 3.54)

Steering Chains, Size and Test

none.

Windlass Steam.  
(Meiji Kosakusho, Kobe.)

Ceiling in Holds, thickness and material 2" O.P.

Cargo Battens, thickness, material and spacing

6 x 2", 9"

38" steel pl. cover - Fore Hatch.

Thickness of Hatches 2 1/2" O.P. - Aft Hatch.

Hatchways.-(Upper Deck) 30" x 50" Coaming

Fore Hatchway (Forward) 23'9"x21'8" Aft Hatchway (Aft) 16'9"x16'0" No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and Fore and Afters 5 - fore hatch &amp; 3 - Aft hatch

PER PRO MITSUI BUSSAN KAISHA, LTD.

Builder's Signature

SUB-MANAGER SHIPBUILDING DEPT.

GENERAL DECLARATION This vessel has been built in accordance with the  
 board plan and instructions as well as with the Rules.  
 materials have been tested as required by the Rules. The workmanship  
 good.

The double bottom tanks, deep fuel tanks etc, with cofferdams,  
 cargo tanks, weather decks bulkheads, scuppers, tarpaulins, have  
 been tested as required by the Rules.

Section 2 of the Rules has been complied with and a Fuel (F.P.) above 150°F  
 to be carried in Deep Tanks, Double Bottom Tanks & Reservoir & O.T.

In my opinion vessel is entitled to the notations: "Carrying Petroleum  
 Bulk" "Logbook A & C.P." "Longitudinal framing"

The amount of Entry Fee ..... £ 11 : 0 : 0

Fees applied for.

APR. 7th 1936

Special Survey Fee.... £ 807 : 16 : 10

incl. machinery &amp; cargo

Travelling Expenses, if any

£ 964 : 48

Received by

26.6 1936

I am of opinion the Vessel should be Classed + 100 A 1

"Carrying Petroleum in Bulk"

S. J. Ito.

Signature

Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey

yes

Certificate to be sent to

Date of issue

30/6/36

Committee's Minute

Character assigned

FRI. 12 JUN 1936

+ 100 A 1 Carry? Let in Bulk

Lloyd's A &amp; C.P. Inchy aft. + Line 4,36

3 DB 200 lbs. CL



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Lloyd's Register  
Foundation

0326 2/3



Hele-shaw.

8 F.S.W. appa.

# LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				Rivets in Brackets to Bulkheads.	
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.		Number.	Diameter. Inches.
ing of [ ]		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
ss in Bridge 'tween Decks...																			
ss from Uppermost Continuous Deck	No. 1	8	3 1/2	45 5										7/8	5 1/2	5 1/2	8	7/8	
	" 2		ditto											ditto	"		ditto		
	" 3		ditto											ditto	"		ditto		
	" 4	9	3 5/8	47 5										ditto	"		9	7/8	
	" 5	230	90	90	10 5									ditto	"		10	7/8	
	" 6	250	90	90	11 1/4									7/8	5 1/2	10 Rivets 4"	11	7/8	
	" 7		ditto											ditto			ditto		
	" 8		ditto											ditto			ditto		
	" 9		ditto											ditto			ditto		
	" 10	300	90	90	10 5/8									ditto			10 Rivets 3 1/8"	12	7/8
	" 11		ditto											ditto			ditto		
	" 12		ditto											ditto			ditto		
	" 13	300	90	90	11 5/8									ditto			ditto		
	" 14																		
	" 15																		
	" 16																		
ing of	Amidships		31 1/2																
ndinal	At Ends																		
Tank Top Longitudinals																			
Bottom		380	100	100	13 1/2									7/8	5 1/2	10 Rivets 3 1/8"	14	7/8	Long
of Longitudinals	Amidships		32 1/2																
	At Ends																		
Transverses.																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell																			
Depth and Thickness		37	4	46															
Face Angles		9	3 1/2	47 5															
Lugs to Shell		150	150	12 4															
Brackets		90	90	13 1/2															
of Transverse Frames		39	42	44	Top														
State if joggled or liners.		48	48	46	7 1/2														
		9	3																
Bridge Deck																			
Upper		8	3 1/2	45	Top														
Second																			
Third																			

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.

0326 3/3

3000 20000.

not to

Lloyd's Register Foundation



The following plans & documents accompany this report: —

① Midship Section (as built)

② Profile & Deck ( " " )

③ General Arrangt. ( " " )

④ Steel Advisor notes: the remainder will be forwarded with report for sister ship, No. 212

⑤ Fittings & Castings Certificates.

Particulars of Drop Test of Cast Steel Anchors, viz.: — Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2nd "	3rd "	Surveyor	No. of test	Date of test
	51 11 12	51 1 23	45 0 13	C.M.	1155	23 9 35
	18 1 12			C.M.	1156	25 9 35
				C.M.	1157	30 10 35
				C.M.	1154	15 6 35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 150.1 ft., R.Q.D. ft., Bridge ft., Forecastle 42.4 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 Deck + 2<sup>nd</sup> Deck clear of oil tanks

Official No. 41367 ; Signal Letters J. H. L. J. Is bottom of Vessel coated with cement Partum. 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,	19-53	93' x 283	Fore peak tank,	27	100
Double bottom, under Engines and Boilers,			After peak tank,	20	71
Double bottom, if under Engines only,			Deep tank, aft,	18	1140
Double bottom, if under Boilers only,			Deep tank, forward,	32	132
Double bottom, forward,			Other tanks, if fitted,	25'	184
Total capacity of double bottom 283			(If necessary, furnish further information by sketch.)		

\* Includes F.O. & fuel water tanks  
but excludes all small tanks

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

Order for Special Survey No. 51

Date 17.11.34

Dates of Surveys held while building

May 1935; 2, 3, 15, 30. June 2, 8, Aug 1935; 17. Sept 4, 10, 17, 27. Oct 2, 4, 9, 11, 18, 21, 23, 24, 25, 31. Nov 2, 4, 5, 8, 11, 12, 13, 14, 15, 16, 18, 19, 20, 22, 25, 27. Dec 3, 6, 7, 10. Jan 1936; 8, 28. Feb: 7. Mar. 10, 28, 30, 31. April: 4.

Total No. of Visits 51