





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>		✓				Stringer Plate, breadth and thickness in way of Bridge .....		✓			
,, in 'tween Decks, Size and Spacing.....		✓				Thickness of Plating abreast Deck openings in way of Wells .....		✓			
,, " " " " "		✓				Thickness of Plating abreast Deck openings in way of Bridge .....		✓			
,, in Holds " "		✓				Thickness of Plating within line of openings...		✓			
,, " " " " "		✓				If Sheathed, material and thickness .....		✓			
<b>Centre Line Bulkhead.</b>						<b>Third Deck.</b>					
Stiffeners and Spacing.....		✓				Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of .....		✓				If Plated, state thickness.....		✓			
<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		✓	78	72	✓	If Plated, state thickness .....		✓			
,, " " " " in way of Bridge		✓	78	90	✓	<b>Poop Deck.</b>					
,, Angle in Wells .....		✓	6 x 6	75	✓	Stringer Plate, breadth and thickness .....		✓	83	x 44	✓
Thickness of Plating abreast Deck openings in way of Wells .....		✓	72	x 54	✓	Plating, Sheathing, material and thickness ..		✓	32		✓
Thickness of Plating abreast Deck openings in way of Bridge .....		✓				<b>Bridge Deck.</b>					
Thickness of Plating within line of openings...		✓				Stringer Plate, breadth and thickness.....		✓	60	x 44	✓
If Sheathed, material and thickness .....		✓				Plating, Sheathing, material and thickness ..		✓	34		✓
<b>Second Deck.</b>						<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness in Wells...		✓				Stringer Plate, breadth and thickness.....		✓	40	x 50	38 ✓
						Plating, Sheathing, material and thickness ..		✓	34		✓

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 .....	90	.82 ✓	.74 ✓	.74 ✓		Double	1	3 3/4 ✓	3+3	1	3 1/2 ✓	Butt flush welded with single outside strap
" DBLG. (if any)	-	-	-	-		✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes .....	3	.76 ✓	.54 ✓	.46 ✓		D	1	3 3/4 ✓	4	1	3 1/4 ✓	Lapped
BILGE PLATING, No. of Strakes .....	2	.76 ✓	.54 ✓	.46 ✓		D	1	3 3/4 ✓	4	1	3 3/4 ✓	Lapped
SIDE PLATING, No. of Strakes .....	3	.61 ✓	.54 ✓	.46 ✓		D	7/8	3 1/4 ✓	4	7/8	3 1/4 ✓	Lapped
UPPER DECK, Sheer- strake in Wells .....	66	.87 ✓	.44 ✓	.46 ✓		D	1	3 3/4 ✓	3+3	1	3 5/8 ✓	Double T.R. straps
UPPER DECK, Sheer- strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
STRAKE BELOW Sheer- strake in Wells .....	81	.75 ✓	.44 ✓	.46 ✓		D	1	3 3/4 ✓	4	1	3 3/4 ✓	Lapped
STRAKE BELOW Sheer- strake in Bridge ...	-	-	-	-		✓	✓	✓	✓	✓	✓	
POOP SIDE PLATING .....	✓	-	✓	.46 ✓		Single	3/4	3 3/8 ✓	2	3/4	3 ✓	Lapped.
BRIDGE SIDE PLATING ...	✓	.52 ✓	✓	✓		One plate - no seam			3+3	7/8	3 3/4 ✓	single T.R. strap
FOREC'TLE SIDE PLATING	✓	-	.44 ✓	✓		Single	3/4	3 3/8 ✓	2	3/4	3 ✓	Lapped.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.	Scantlings.	Maker's Name:	Any Departure from Approved Plans to be Noted.	
Extending to Upper Deck (Sec. 3 c)	12 ✓					
" Deck next below						
As per Rule						
	Plating Thickness,	STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
A.T. <b>MIDSHIP BULKH'D</b> , Upper tween decks	.46 ✓	G. web, 39"-54"	✓	6 x 4 x 14 <sup>3</sup> / <sub>8</sub> ✓ angle T	36"	
" " Second "	.38 ✓	x .46	✓	to	to	
" " Third "	.44 ✓	10-12 x .50	✓	15 x .46 plate	28"	
" " Holds .....	.48 ✓	Jace plate	✓	flanged 5'		
" " COLLISION "	.52 ✓	12 x .42 plate	✓			
(in Hold) .....	.56 ✓	Flanged H	30"	Decks	✓	
<b>AFTER PEAK</b> "	.34 ✓	12 x .38 plate		19 x .44 plate		
" " " "	.56 ✓	Flanged H	32"	flanged 6' ✓		
		at Shell				
<b>KEEL, Bar</b> .....	✓					
<b>STEM</b> .....	forging	9½ x 2¾ ✓				
<b>STERN FRAME</b> { Propeller Post .....	b.s.	as per plan	PENN STELL			
{ Rudder , ...	b.s.	contra propeller	CASTING CHESTER PA			
<b>Speed of Vessel</b> .....	12 KNOTS.	✓				
<b>RUDDER—Type</b> .....	contra guide					
" A × D .....	6 yd	✓				
" Diam. of head .....	b.s. 12	✓	80,000 lbs./sq.in Steel			
" Mainpiece at top pintle	b.s. frame					
" heel ...	double plate					
" how constructed .....	stream lined					
" double or single plate	Rudder.	✓				
" coupling, vertical or horizontal .....	Horizontal ✓					

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

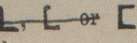
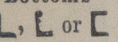
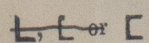
Has the Steel been tested as required by the Rules?

American Bureau Requirements

Lloyd's Register  
Foundation



## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		BRACKETS CONTINUOUS THROUGH	
		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.	
		Ins.	Ins.	165	Ins.	Ins.	165	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Inches.	Number.
Framing of 																	
Frames in Bridge 'tween Decks ...		6	3 1/2	3 1/2	15.3	✓	✓							3/4	4 1/2	4 1/2	✓
Frames from Uppermost Continuous Deck No. 1		4	3.45	3.45	19.1	✓	6	3 1/2	3 1/2	18	✓			1/8	5 1/4	5 1/4	✓
" 2		8	3.45	3.45	21.4	✓	DITTO				✓			"	"	"	✓
" 3		8	3.45	3.45	21.4	✓	DITTO				✓			"	"	"	✓
" 4		10	3 1/2	3 1/2	23.6	✓	8	3 1/2	3 1/2	21.4	✓			"	"	"	✓
" 5		DITTO				✓	DITTO				✓			"	"	"	✓
" 6		DITTO				✓	DITTO				✓			"	"	"	✓
" 7		12	3.45	3.45	30.9	✓	10	3 1/2	3 1/2	23.6	✓			"	"	4" for 11R each side	42
" 8		DITTO				✓	DITTO				✓			"	"	"	42
" 9		DITTO				✓	DITTO				✓			"	"	"	42
" 10		DITTO				✓	10	3.45	3.45	24.9	✓			"	"	"	44
" 11		15	3.4	3.4	33.9	✓	10	3.45	3.45	26.6	✓			"	"	3" for 11R each side	46
" 12		15	50 pl.	5" flange		✓	10	3.95	3.95	28.5	✓			3" WELOS	783	BHD 12"	46
" 13		DITTO				✓	12	3.45	3.45	30.9	✓			9" CENTRES	CONTINUOUS	-	46
" 14		16	50 pl.	5" flange		✓	DITTO				✓			ON	WELD	-	47
" 15		DITTO				✓								EACH SIDE	BOTH	-	47
" 22		DITTO				✓								OF FRAME	SIDES	✓	47
" 16																	
Spacing of Longitudinal Frames		32	8	28		✓		32	8	28		✓					
Amidships		21	24			✓		21	24			✓					
At Ends																	
Double Bottoms 																	
Tank Top Longitudinals		✓															
Bottom		✓															
Spacing of Longitudinals		✓															
Amidships		✓															
At Ends		✓															
Transverses.																	
In Bridge																	
'tween Decks																	
Depth and Thickness		18-24	x	40	✓	✓		18-24	x	40	✓	✓		✓			
Face Angles		4" flange			✓	✓		4" flange			✓	✓		✓			
Lugs to Shell*		5/16" Double continuous weld			✓	✓		5/16" Double continuous weld			✓	✓		welded			
In To																	
Upper 'tween Decks.																	
SIDE SHELL																	
Depth and Thickness		24-33	x	48	✓	✓	24-33	x	48	✓	✓	24-33	x	48	✓	✓	
Face Angles		5" flange			✓	✓	5" flange			✓	✓	5" flange		✓	✓		
Lugs to Shell*		5/16" continuous weld			✓	✓	both sides			✓	✓	both sides		welded			
CR. TANK																	
Depth and Thickness		50 x 50			✓	✓	50 x 50			✓	✓	50 x 50		✓	✓		
Face Angles		5" flange			✓	✓	5" flange			✓	✓	5" flange		✓	✓		
Lugs to Shell*		Continuous weld			✓	✓	both sides			✓	✓	both sides		welded			
In Hold.																	
Bottom																	
Back Bars		60 x 30 x 50			✓	✓		60 x 30 x 50			✓	✓					
Brackets		11-4"			✓	✓		11-4"			✓	✓					
Spacing of Transverse Frames																	
* State if jogged or liners.																	
Longitudinal Beams of 																	
Bridge Deck		6	3	3	15.1	✓		6	3	3	15.1	✓		31			
Upper		7	3.45	3.45	19.1	✓	TRANSVERSE BEAMS	7	3.45	3.45	19.1	✓	TRANSVERSE BEAMS	28-33			
Second						✓					✓						
Third						✓					✓						

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.



EQUIPMENT No.				LETTER		ANCHORS. 30. 15.		AMERICAN BUREAU TESTS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
P 2834	1st Bower ...	9500 ✓	✓	136 200 ✓	9415 ✓	Stockless	Baldt	blu. Pa. June 1937	
P 2838	2nd " ...	9500 ✓	✓	136 200 ✓	9415 ✓	"	"	" " "	
P 2831	3rd " ...	7975 ✓	✓	121 588 ✓	4980 ✓	"	"	" " "	
	Collective weight.	26975 ✓			26810 ✓				
P 2827	Stream .....	3400 ✓	✓	64720 ✓	3395 ✓	Stockless	"	" " "	

CHAIN CABLES. L.R. TESTS.										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.
	Fathoms. Ins.	Statio- Break- ing.	Supplied.	Per Rule.	Fathoms. Ins.						Fathoms. Ins.	Test of Steel Wire.	Fathoms. Ins.
522	300 2 1/2	287930 403100	86593	84900	300 2 1/2	CS. Steel link	National Malleable & Steel Castings Co.	Sharon bl. 6/11/37. L.D. Drummond		POWLINE...	130 1 1/4 dia	164000	130 1 3/4 dia
										HAWSERS & WARPS	2090 8 1/2	164000	2090 8 1/2
											2090 7 1/2	"	2090 7 1/2
Iron Stream Chain or Steel Wire	90 1 1/2	✓	26000	-	90 1 1/2	6x24 Gal. Plow Steel wire	American Steel & Wire Co.	New Haven, Conn. Jan'y 1937					

Steering Gear, Type (Power or hand) *Electric Hydraulic - Hyde Windlass Co.* Alternative Means of Steering *Wix tackle & Steam winch*

Steering Chains (Size and Test) ✓ Windlass *Steam - Hyde Windlass Co.* Boats *Steel - 4 @ 22 x 7.5 x 3.17*

Ceiling in Holds, thickness and material ✓ Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways. (Upper Deck) *Lo Forward Dry Hold - 18' x 10'* Thickness of Hatches *W.T. Hinged Steel Covers.*

Size of Hatchways No. 1 (Fwd.) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters } *24 O.T. Circular hatchways to Cargo Tanks - 4' Dia. Hinged Steel Covers.*

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *Yes.*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *is a tanker* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

*This vessel has been built according to the approved plans, Secretary's letters and to the Rules of this Society.*

*The materials and workmanship are good.*

*The vessel is intended to carry petroleum in bulk, the oil tanks, oil fuel tanks, copperdams, peak tanks, deep tanks and double bottom tanks have been tested according to the Rules and found satisfactory.*

*The vessel has been surveyed during construction by the Surveyors to the American Bureau of Shipping with a view to its classification with that Society.*

The amount of Entry Fee ..... \$ 1500.00 : Fees applied for, FEB 4 - 1938

Special Survey Fee.... £ : : Received by me, 17/2 1938

Travelling Expenses, if any £ : : Signature J.G. Buchanan.

State whether the Vessel has been built under Special Survey *no.* I am of opinion the Vessel should be Classed *100 A1*

Certificate to be sent to *MR.* Date of issue *2/3/38.* Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned *100 A1 Carrying Petroleum in bulk*

*Fitted for oil fuel 138 F.P. above 150°F*

*LMC 138*

Note. Machinery

*Longitudinal framing*

*Arcform*

*Part electrically welded*

*Cruised stern*

*2WTB (3rd) 450 lbs*

*Ch. F.D.*

W35-0170C313



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.)

Sister vessels. Yard no. 143 - ESSO BAYONNE - New York Rept no. 37918  
" " 144 - ESSO BAYWAY - " " " 38079  
" " 146 - now under construction

PARTICULARS OF ELECTRIC WELDING (if employed)

Electrodes - Eutaweld nos 5 + 7 ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Carrying petroleum in bulk ✓ Long framing ✓ Arcform ✓  
Fitted for oil fuel: part electrically welded ✓  
Machy aft: cruiser stern ✓

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

1st Bower

2nd "

3rd "

American Bureau Tests.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 87 ft., R.Q.D. ✓ ft., Bridge 33 ft., Forecastle 36 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 236960

Signal Letters WPKO

Extreme Breadth over Belting ✓  
(Circ. 1611)

Over-all Length 450 ✓  
(Circ. 1703)

No. and Material of Decks

One deck ✓ steel

Parts of Bottom of Vessel coated with cement or approved composition cement in peak tanks - Double bottom fresh water  
tanks under machinery coated with Asporior - Deep tank forward standard oil paint No  
2242.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	✓	232 ✓
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	247 ✓
Double bottom, if under Engines only, F.W.	72 ✓	166 ✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓		Deep tank, forward,	30 ✓	781 ✓
Double bottom, forward,	✓		Other tanks, if fitted,	✓	
Total length (if continuous) and Capacity	72 ✓	166 ✓	(If necessary, furnish further information by sketch.)	✓	

Order for Special Survey No. 171

Date Aug 18 1936

Dates of Surveys  
held while building

1937- AUG 18 : Oct 6, 18, 21, 22, 25, 27, 28, 29 : Nov 1, 2, 3, 4, 5, 9, 11, 17, 19, 22, 23.  
24, 27, 29, 30 : DEC 3, 4, 7, 8 :  
1938- JAN 6, 14.



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Total No. of Visits 30