

PILLARS AND DECKS.

	8 mm.		Any Departure from Approved Plans to be Noted.		8 mm.		Any Departure from Approved Plans to be Noted.	
	INCHES IN SHIP.				INCHES IN SHIP.			
PILLARS, No. of Rows.	As per appx. plans.							
Longitudinal bulkhead stiffeners no.	B.A.							
" in 'tween Decks, Size and Spacing	1	180 75 11						
" " " " "	2	200 75 9						
" " " " "	3	200 75 11						
" " " " "	4	200 75 13						
" " " " "	5	230 90 12						
" in Holds	6	250 90 11						
" " " " "	7	250 90 13.5						
" " " " "	8	280 90 12						
" " " " "	9	280 90 13						
Longitudinal " " "	10	300 90 13						
Centre Line Bulkheads.	11	300 90 14						
Stiffeners and Spacing	12	320 90 14.5						
	13	340 100 14						
Plating, thickness of	29, 36, 40, 44, 54							
STRINGERS AND DECKS.								
Uppermost Continuous Deck.								
Stringer Plate, breadth and thickness in Wells	1990 79							
" " " " 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								
Thickness of Plating abreast Deck openings in way of Bridge								
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	5000 36							
Plating, Sheathing, material and thickness	Inside dk. house.							
Forecastle Deck.								
Stringer Plate, breadth and thickness	38							
Plating, Sheathing, material and thickness	Under mmlars.							

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
	<i>inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>		<i>inches.</i>	<i>inches.</i>		<i>Inches.</i>	<i>Inches.</i>	
FLAT PLATE KEEL	<i>mm.</i> 2050	92	82	82		<i>Double</i>	<i>mm.</i> 25	<i>mm.</i> 100	<i>Butts & W angle of 60°</i>		
„ DBLG. (if any)	2480	66									
BOTTOM PLATING, No. of of Strakes ... <i>B.P.C.</i> 3.....	2480	67	70-79	54-56		„	22	90	—	„	—
BILGE PLATING, No. of Strakes ...	2490	70	52	66	}	„	22	90	—	„	—
	2150			70		„	22	80			
SIDE PLATING, No. of Strakes ... <i>3</i>	2480	64	48	48-50		„	22	80	—	„	—
UPPER DECK, Sheer- strake in Wells.....	1750	95	48	48-52	<i>also see Batten</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		<i>Double</i>	25	125	—	„	—
						<i>Single</i>	22	90			
						<i>Double</i>	25	100			
BRIDGE SIDE PLATING ...		44-52				<i>Single</i>	22	90	—	„	—
FOREC'TLE SIDE PLATING			44			<i>Single</i>	22	90	—	„	—
							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	Cast steel	As per appx. plans	Messrs. Bamm.	
STEM	Cast steel	As per appx. plans	Messrs. Bamm.	
STERN FRAME	Propeller Post	Forg. 270 φ	Messrs. Bamm.	
	Rudder	Forg. 270 φ	Messrs. Bamm.	
Speed of Vessel		13 knots		
RUDDER—Type		Simplex Balance.		
" A x D x 1.02		1134		
" Diam. of head		Forg. 275 φ	Messrs. Ltd. Co.	
" Mainpiece at top pintle		✓		
" " heel		✓		
" 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	Three mls.		150 x 75 x 8.5	770
" " Second	34, 37, 40	None		180 x 75 x 9.5	770
" " Third	44, 52	None		300 x 90 x 13.5	770
" " Main 'tween decks	34	None		200 x 75 x 11.5	770
COLLISION " (in Hold)	# 90	28-49		240 x 90 x 13.5	728
AFTER PEAK " "	" 9	80		150 x 75 x 8.5	675
	" 11	30-35		230 x 90 x 11.5	760

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
Centrifuging, Dortmund-Löwenwerke, Mannesmann-Röhren-Werke
 Has the Steel been tested as required by the Rules? *Yes.*

Hockmarrs "T" "BRALANTA", Yard No. 191. PARTICULARS OF LONGITUDINAL FRAMING.

-5 OCT 1936

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.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	Diam.	Spang.	mm.	mm.	Number.	Diameter.	
Framing of L, L or 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	9.5	165	75	9.5	165	75	9.5	19-115	P & F.					
Frames from Uppermost Continuous Deck		200	90	11.5	180	90	9.5	200	90	11.5	180	90	9.5	22-135	B.					
825		200	90	11.5	180	90	9.5	200	90	11.5	180	90	9.5	25	150	7	8	22	40	
" 2		200	90	11.5	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	200	90	11.5	180	90	9.5	22	135	8	8	22	40	
" 4		230	90	12.5	180	90	10	230	90	12.5	180	90	10	22	135	8	8	22	40	
" 5		250	90	11	180	90	11.5	250	90	11	180	90	11.5	22	135	8	8	22	40	
" 6		250	90	13	200	90	11	250	90	13	200	90	11	22	135	9	9	22	42	
" 7		280	90	12	200	90	13	280	90	12	200	90	13	22	135	10	10	22	42	
" 8		280	90	12	230	90	11	280	90	12	230	90	11	22	135	10	10	22	42	
" 9		280	90	13.5	230	90	12.5	280	90	13.5	230	90	12.5	22	135	10	11	22	44	
" 10		300	90	13	230	90	11	300	90	13	230	90	11	22	135	10	11	22	44	
" 11		300	90	13	250	90	12	300	90	13	250	90	12	22	135	10	11	22	44	
" 12		300	90	16	250	90	11	300	90	16	250	90	11	22	135	80	11	11	22	44
" 13		340	100	13	250	90	12	340	90	13	250	90	12	22	135	80	11	11	22	44
" 14		380	100	14	280	90	12	380	100	14	280	90	12	22	135	80	11	11	22	44
760-770		17x52x4x4x68			250x90x13.5 F.			17x52x4x4x68			250x90x13.5 F.			22	135	80				
762		17x48x4x4x68			280x90x12 F.			17x48x4x4x68			280x90x12 F.			22	135	80				
728		17x48x4x4x68			280x90x12 F.			17x48x4x4x68			280x90x12 F.			25	150	90				
Spacing of Longitudinal Frames		Amidships			At Ends			Amidships			At Ends			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.		
Tank Top Longitudinals					200 75 10						200 75 10									
Bottom					180 75 10.5						180 75 10.5									
Spacing of Longitudinals		Amidships			728			Amidships			728									
		At Ends...						At Ends...												
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 Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.		
In Bridge		24-30 1/2 x 38			18x38 POOP			24-30 1/2 x 38			18x38 POOP			19 90 P						
'tween Decks		3" flange			21x38 FCLE.			3" flange			21x38 FCLE.			19 90 F						
Lugs to Shell*		col. welded.			3" flg. POOP.			col. welded.			3" flg. POOP.									
Depth and Thickness		72x48			75x75x10 POOP.			72x48			75x75x10 POOP.									
Face Angles		150x90x12.5 F.			75x75x10 FCLE.			150x90x12.5 F.			75x75x10 FCLE.									
Lugs to Shell*		col. welded.			30x44 F.			col. welded.			30x44 F.									
Depth and Thickness		57 1/2-72 1/2 x 46			3 1/2" flg. A.			57 1/2-72 1/2 x 46			3 1/2" flg. A.									
Face Angles		150x90x17 F.			150x90x10 F.			150x90x17 F.			150x90x10 F.									
Lugs to Shell*		col. welded.			90x90x10 F.			col. welded.			90x90x10 F.									
Depth and Thickness		150x90x17 F.			150x150x11 F.			150x90x17 F.			150x150x11 F.									
Face Angles		150x90x17 F.			30x50 A.			150x90x17 F.			30x50 A.									
Lugs to Shell*		col. welded.			39x48 F.			col. welded.			39x48 F.									
Back Bars					150x90x12.5 F.						150x90x12.5 F.									
Brackets					150x150x12.5 F.						150x150x12.5 F.									
Spacing of Transverse Frames		3025-3170-3025			2055-2740 F.			3025-3170-3025			2055-2740 F.									
Longitudinal Beams of L or E		150 75 8			150 75 8			150 75 8			150 75 8			Spacing.						
Bridge Deck		200 90 11.5			200 90 11.5			200 90 11.5			200 90 11.5			728						
Upper		230 90 11			230 90 11			230 90 11			230 90 11			850						
Second POOP					165x75x9.5 A.						165x75x9.5 A.			728-850						
FCLE.					150x75x8						150x75x8			700-800						
Third					150x75x8						150x75x8			880						

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 tanks.

main electrically welded

no eng.

C. d.

0264213

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.

Rpt. 4b.



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

Longitudinal framing. Gunts of shell, decks and longitudinal bulkheads electrically welded. Transverse bulkheads, all ribs and longitudinals in tanks electrically welded to shell resp. bld's. Binder electrically welded.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	57:3:19 J.L. 324 23-4-36	30:2:0 J.L. 1722 23-4-36
	2nd "	56:3:12 J.L. 325 23-4-36	30:2:11 J.L. 1723 23-4-36
	3rd "	49:0:11 J.L. 326 23-4-36	25:2:19 J.L. 1724 23-4-36

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 or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 Sk. (stl.) 2nd Sk. (stl.) aft of cargo tanks

Official No. ✓ ; Signal Letters L J F W Is bottom of vessel coated with cement ✓ if not give

particulars of composition Cement in peaks and well at aft 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,	70.0	80	Fore peak tank,	25	168
Double bottom, under Engines and Boilers,		27	After peak tank,	18 2 22	370
Double bottom, if under Engines only,		80	Deep tank, aft, Oil Incl. Cammiser & wing tanks	12.5	632
Double bottom, if under Boilers only,			Deep tank, forward,	33.7	517
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom 187			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 34

Date

2nd April, 1935

Dates of Surveys held while building

15/1, 20/1, 21/1, 22/1, 23/1, 24/1, 25/1, 26/1, 27/1, 28/1, 29/1, 30/1, 1/2, 3/2, 5/2, 10/2, 12/2, 13/2, 20/2, 24/2, 28/2, 2/3, 3/3, 4/3, 5/3, 6/3, 9/3, 10/3, 16/3, 18/3, 19/3, 23/3, 24/3, 27/3, 28/3, 30/3, 31/3, 1/4, 3/4, 6/4, 7/4, 8/4, 9/4, 14/4, 15/4, 16/4, 17/4, 18/4, 20/4, 21/4, 24/4, 27/4, 29/4, 30/4, 31/4, 1/5, 5/5, 9/5, 10/5, 13/5, 14/5, 16/5, 19/5, 22/5, 23/5, 27/5, 28/5, 29/5, 30/5, 31/5, 3/6, 3/6, 4/6, 6/6, 8/6, 9/6, 10/6, 11/6, 12/6, 15/6, 17/6, 19/6, 20/6, 29/6, 30/6, 1/7, 2/7, 4/7, 7/7, 9/7, 12/7, 13/7, 15/7, 16/7, 17/7, 18/7, 20/7, 22/7, 23/7, 24/7, 25/7, 27/7, 28/7, 29/7, 30/7, 31/7, 3/8, 4/8, 7/8, 9/8, 10/8, 11/8, 12/8, 13/8, 15/8, 18/8, 19/8, 21/8, 22/8, 23/8, 24/8, 25/8, 26/8, 27/8, 28/8, 29/8, 30/8, 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, 1936.

Total No. of Visits 135