

PILLARS AND DECKS.

INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
Reinforced hatch side girders & strong hatch end beams, in accordance with approved plans		
PILLARS, No. of Rows, One, in tw. decks only	Stringer Plate, breadth and thickness in way of Bridge	
(6 6 .38 angle)	Thickness of Plating abreast Deck openings	.40
(5 5 .38 ")	Thickness of Plating abreast Deck openings in way of Bridge	
in 'tween Decks, Size and Spacing..... alt. frs.	Thickness of Plating within line of openings.....	.40
	If Sheathed, material and thickness	
Centre Line Bulkhead.	Third Deck.	
Stiffeners and Spacing.....	Stringer Plate, breadth and thickness.....	
(9x7 1/2 x .36 / .57 inv. T)	If Plated, state thickness.....	
(7x4 x .38 inv. angle on alt. frames)	Fourth Deck.	
Plating, thickness of	Stringer Plate, breadth and thickness.....	
.30	If Plated, state thickness	
STRINGERS AND DECKS.	Poop Deck.	
Uppermost Continuous Deck.	Stringer Plate, breadth and thickness	
Stringer Plate, breadth and thickness xxxx 65 x .62	Plating, Sheathing, material and thickness	
in way of Bridge	Bridge Deck.	
Welded to sheerstrake	Stringer Plate, breadth and thickness.....	
Thickness of Plating abreast Deck openings) xxxx	Plating, Sheathing, material and thickness	
.62	Forecastle Deck.	
Thickness of Plating abreast Deck openings) in way of Bridge	Stringer Plate, breadth and thickness.....	
.40	Plating, Sheathing, material and thickness	
Thickness of Plating within line of openings.....		
If Sheathed, material and thickness		
Second Deck.		
Stringer Plate, breadth and thickness xxxx 108 x .40		

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.	
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.
	Breadth.	Thickness.	Thickness.	Thickness.					
FLAT PLATE KEEL	60	.88	.68	.81		Butt welded		Butt welded	
" DBLG. (if any)			.62 @ F.P.			" "		" "	
BOTTOM PLATING, No. of Strakes ... Two64	.67	.54		" "		" "	
BILGE PLATING, No. of Strakes ... One64	.58	.54		" "		" "	
SIDE PLATING, No. of Strakes ... Three64	.58	.46		" "		" "	
UPPER DECK, Sheer-strake in Wells.....	91	.72	.58	.46		" "		" "	
UPPER DECK, Sheer-strake in Bridge ...						" "		" "	
STRAKE BELOW Sheer-strake in Wells.....						" "		" "	
STRAKE BELOW Sheer-strake in Bridge ...						" "		" "	
POOP SIDE PLATING						" "		" "	
BRIDGE SIDE PLATING ...						" "		" "	
FORECASTLE SIDE PLATING						" "		" "	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	Extending to Upper Deck (Sec. 3 c)	Deck next below	As per Rule
ONE (Coll. BHD.)	SEVEN (Inc. D.T. Aft BHD.)	SEVEN	

STIFFENERS.

Fr. 81	MIDSHIP BULKHEAD, Upper tween decks	Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
		.26	5x3x5/16	30"-31 1/2"		
	Second "					
	Third "					
	Holds		inv. T.			
	(in Hold)		28-.45 9x7 1/2 x .36 / .57	30"-31 1/2"		
			inv. angle			
			30-.52 6x3 x .38 24"	(1 steel flat & 2 semi box beams)		
			inv. angle			
			32-.70 6x3 x .38 24"	(24x.34)		

FORGINGS and CASTINGS.

	Castings or Forgings.	Scantlings.	Maker's Name.	Any Dep. from App. Plans to be Noted.
KEEL Bar		10" x 2 1/2"		
STEM		Rolled Bar		
STERN FRAME		Propeller Post		
Speed of Vessel		As per approved plan		
RUDDER Type		Constructed by Bethlehem Steel Co., Leetsdale,		
"		A x D		
"		Diam. of head	F.S. 9 1/2"	Newport News
"		Mainpiece at top pintle	12 3/4"	
"		heel	10"	
"		how constructed	All welded seamless steel with horizontal plate	
"		double coupling	xxxxxx	
"		horizontal	Horizontal	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) S. M. Open Hearth Bethlehem Steel Co., Columbia Steel Co., Republic Steel Corp. By-Products Steel Corp.

Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. 39770 LETTER (A+) ANCHORS.

No. of Anchors.	Anchor.	WEIGHT STOCKLESS	WEIGHT OF STOCK	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
5	1st Bower	7780		119840		Baldt Stockless	Columbia Steel Co. Pittsburg California	Pittsburg, Calif. Jan. 24/42 H.N.Clegg
4	2nd "	7740		119560		" "	" "	" " " "
	3rd "	15520						
8	Stream	2685		53480				Pittsburg, Calif. Dec. 23/41 H.N.Clegg

CHAIN CABLES.

No. of Cables.	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.
3	(225 2 1/2 215600 lbs. 301840 " 73215 " 720 3/4 270 2 1/2 S.L.)		1200 "	Twelve Spare conn. shackles	Baldt Anchor Chain & Forge Co.	Chester, May 6/42 J. K. Helms		TOWLINE	120 5 1/8 160,000 (6x24)	120 4 3/4 (6x24)	
	(5 2 3/8 215600 lbs. 301840 " 1200 " 20 3/8 319050 " 446660 " 55 " 118400 " (6x12))			C.S. Stud Link Joining 3rd length stard. side which is divided.	National Malleable & Steel Cast'g Co.	Chester May 27/42 J. K. Helms Sharon, Pa. July 12, 1938 A. Drummond		HAWERS & WARPS	2090 2 3/4 34048 (6x12)	2090 2 3/4 (6x12)	
	90 5 3/8 118400 " (6x12)			90 5 (6x12)					2090 2 1/2 29560 (6x12)	2090 2 1/2 (6x12)	

HAWERS AND WARPS.

Steering Gear, Type (Power or hand) Steam, Summer Iron Works Everett, Wash. Alternative Means of Steering Efficient arrangement of blocks and tackles led to after warping winch

Steering Chains (Size and Test) -- Windlass Steam, Summer Iron Works Boats 2 @ 20 x 6.75 x 2.6 1 @ 26 x 8 x 3.25 1 @ 27 x 8.25 x 3.4--Motor

Plating in Holds, thickness and material 2 1/2" Pine Cargo Battens, thickness, material and spacing 1 3/4" Pine, 9" Clear

Go Hatchways.--(Upper Deck) Strong steel plate coamings Thickness of Hatches 2 3/4" Pine

of Hatchways No. 1 (Fwd.) 33'9" x 20' No. 2 35' x 20' No. 3 15' x 20' No. 4 29'9"x20' No. 5 35'x20' X.Bkr. 7'6"x20'

No. of Shifting Beams No. 1 - 5 No. 2 - 5 No. 3 - 2 No. 4 - 5 No. 5 - 5 X.Bkr. - 1

Builder's Signature. TODD-CALIFORNIA SHIPBUILDING DIVISION OF THE PERMANENTE METALS CORPORATION

T. S. Day

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 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 (where required to be inserted in the Notation).

This vessel has been constructed in accordance with the approved plans, the Secretary's letters of various dates, and in compliance with the Rules and Regulations for the class contemplated.

The workmanship and materials are good.

The double bottom, peak, deep and fresh water tanks, bulkheads, tunnels, W.T. door, steering gear and windlass have been tested and found satisfactory.

The freeboards assigned by the Committee have been marked on the vessel's sides and verified, the vessel being of the shelter deck type, with the tonnage opening permanently closed by riveted plate, and the bulkheads being carried watertight to the upper deck. An endorsement has been issued with the Provisional Load Line Certificate, relating to emergency deeper loading in accordance with Circular No. 1784. The openings in Tween Deck bulkheads have been closed, in accordance with M. S. Circular 1835.

The equipment of anchors and chain cables is in accordance with the War Emergency Reduction of Equipment Requirements, and it is recommended that a suitable notation be entered on the First Entry Certificate.

The vessel is fitted with Direction Finding Wireless equipment; also with Echo Sounding Device, which does not pierce the shell plating.

The vessel has also been surveyed during construction on behalf of the British Purchasing Commission, in accordance with the requirements of the hull specification, and the specification requirements have been completed to our satisfaction.

Amount of Entry Fee	Fees applied for,	(Special notations, where part of class, to be stated.)
\$50.00 To be charged	19	
Special Survey Fee... \$ in London	Received by me,	
\$2872.50	19	I am of opinion the Vessel should be Classed + 100 A1 With Freeboard corresponding to a summer mld. draft of 26' 10"
Travelling Expenses, if any £		
Whether the Vessel has been built under Special Survey	YES	Signature <i>F. B. Boock & J. Rammie</i> Surveyors to Lloyd's Register of Shipping.

Date of issue 14/11/42
 Committee's Minute NEW YORK AUG 26 1942
 Character assigned +100A1 with freeboard LMC(R)-6, 42.
 NOTE - Elec. Welded human stem, A.V.C.P. Equip. ltr. A+D.F.E.S.D. 3 V. B. (Cht) 220 lbs. Elec. weight 2020



