





# PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
	AMIDSHIPS.	FORWARD.	AFT.			AMIDSHIPS.	FORWARD.	AFT.	
<b>PILLARS, No. of Rows.....</b> 2 LONGITUDINAL BULKHEADS ✓									
in 'tween Decks, Size and Spacing.....	✓	✓	✓			✓	✓	✓	
" " " " " "	✓	✓	✓			✓	✓	✓	
in Holds " " " "	✓	✓	✓			✓	✓	✓	
" " " " " "	✓	✓	✓			✓	✓	✓	
<b>WING Bulkheads</b>									
Stiffeners and Spacing.....	6 x 3/8" FLATS 24"	✓	✓			6 x 3/8" FLATS 24"	✓	✓	
Plating, thickness of .....	5/16" 3/8" 7/16"	✓	✓			5/16" 3/8" 7/16"	✓	✓	
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells	WEL of CHANNEL 50"	✓	✓			WEL of CHANNEL 50"	✓	✓	
" " " " in way of Bridge	✓	✓	✓			✓	✓	✓	
" Angle in Wells .....	✓	✓	✓			✓	✓	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	WEL of CHANNEL 50"	✓	✓			WEL of CHANNEL 50"	✓	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓	✓	✓			✓	✓	✓	
Thickness of Plating within line of openings...	" " " 50"	✓	✓			" " " 50"	✓	✓	
If Sheathed, material and thickness .....	✓	✓	✓			✓	✓	✓	
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells...	✓	✓	✓			✓	✓	✓	
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 .....	✓	✓	✓			✓	✓	✓	
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....	✓	✓	✓			✓	✓	✓	
If Plated, state thickness.....	✓	✓	✓			✓	✓	✓	
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....	✓	✓	✓			✓	✓	✓	
If Plated, state thickness .....	✓	✓	✓			✓	✓	✓	
<b>Poop Deck.</b>									
Stringer Plate, breadth and thickness .....	✓	✓	✓			✓	✓	✓	
Plating, Sheathing, material and thickness ...	✓	✓	✓			✓	✓	✓	
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....	✓	✓	✓			✓	✓	✓	
Plating, Sheathing, material and thickness ...	✓	✓	✓			✓	✓	✓	
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness.....	3/8"	✓	✓			3/8"	✓	✓	
Plating, Sheathing, material and thickness ...	3/8"	✓	✓			3/8"	✓	✓	

## SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.			
	AMIDSHIPS.		FORWARD.	AFT.		EDGES.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.
	Inches.	Inches.	Inches.	Inches.			Diam. Spacing cr. to cr.		Diam. Spacing cr. to cr.
							Inches. Inches.		Inches. Inches.
<b>ALL PLATING FORMED OF CHANNEL WEBS.</b> ✓									
FLAT PLATE KEEL .....		50	50	50					
" DBLG. (if any)	12	75	75	75					
BOTTOM PLATING, No. of Strakes .....		50	50	50					
BILGE PLATING, No. of Strakes .....		50	50	50					
SIDE PLATING, No. of Strakes .....		50	50	50					
UPPER DECK, Sheer-strake in Wells.....		50	50	50					
UPPER DECK, Sheer-strake in Bridge ...		✓	✓	✓					
STRAKE BELOW Sheer-strake in Wells.....		50	50	50					
STRAKE BELOW Sheer-strake in Bridge ...		✓	✓	✓					
POOP SIDE PLATING .....		✓	✓	✓					
BRIDGE SIDE PLATING ...		✓	✓	✓					
FORECASTLE SIDE PLATING		✓	38	✓					

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c)	10
" Deck next below	✓
As per Rule	4

## STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Uppertween decks</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
" " Second "	✓	✓	✓	✓	✓	✓	✓	✓	✓
" " Third "	✓	✓	✓	✓	✓	✓	✓	✓	✓
" " Holds .....	5/16" 7/16"	6 x 3/8" FLAT 24"	12 x 3/8" x 4" FLANGE ABOUT 15 x 3/16"	32 x 1/2" WELDED 8 x 1" FACE	11 x 1/2"	5'-6"			
<b>COLLISION " (in Hold) .....</b>	5/16" 7/16"	6 x 3/8" FLAT 24"	3 @ 12 x 3/8" WITH 3 1/2" FACE	5'-6"					
<b>AFTER PEAK " " .....</b>	5/16" 3/8"	6 x 3/8" FLAT 24"							

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....	✓	6 x 6 x 3/4	✓	
<b>STEM</b> .....	✓	5 x 5 x 3/4	✓	
<b>STERN FRAME</b> { Propeller Post .....	✓			
{ Rudder " .....	✓			
<b>Speed of Vessel</b> .....	12 K	✓		
<b>RUDDER—Type, Twin, Single, etc.</b> .....	✓			
" A x D .....	43	✓		
" Diam. of head .....	10"	✓		
" Mainpiece at top .....	10 x 10"	✓		
" " heel ...	7 1/2 x 7 1/2"	✓		
" how constructed .....	WELDED	✓		
" double or single plate coupling, vertical or horizontal .....	DOUBLE	✓		

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH PROCESS ✓
	BETHLEHEM STEEL CO. LUKENS STEEL CO.	
	Has the Steel been tested as required by the Rules? YES ✓	

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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.)

No sister vessel. Type of construction similar to that of "DOMITE 4" (N.Y. 38975).

The following plans are forwarded:-

Working plans:-

Midship Section.

Typical Longitudinal Bulkhead.

Fore Peak Bulkhead.

Bow Framing.

For'd E.R. Blvd + Cofferdam Blvd.

Rudder Assembly.

Framing at aft end of E.R.

Inboard Profile.

Drainage Arrgt. in d.b. tanks.

After Peak Bulkhead.

Main Cargo Tank Hatch Cover.

Forward Cofferdam.

Tiller Arm, etc.

Deckhouse.

Shag.

Typical Transverse Bulkhead.

Boiler Foundations.

Engine Foundations, etc.

Rudder Details.

Propeller Shaft. Stern Tube. Struts.

Tandem Tiller Arms.

Second Deck Aft.

"As Built" Plans.

Midship Section.

Typical Transverse Bulkhead.

Inboard Profile.

Outboard Profile.

#### PARTICULARS OF ELECTRIC WELDING (if employed)

"Electronic Tornado" Carbon Arc Process used for heels of channels forming shell and deck except at bilges and round of deck. All other welding is by Fleetweld No 5 or Fleetweld No 7 approved rods.

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

"Carrying Petroleum in bulk" "Transverse Channel Construction" "Electrically Welded" "Blacking Aft".

Note:—Due to the fitting of a forecastle, the height of the vessel is now too great to permit of passage through New York State Barge Canal; and the service has been amended accordingly.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head 3270 lbs.	W.C.H.	13063	10 <sup>th</sup> Nov. 1939.	12'
	2nd "	3270 lbs.	W.C.H.	13064	10 <sup>th</sup> Nov. 1939.	12'
	3rd "	2650 lbs.	W.C.H.	13061.	10 <sup>th</sup> Nov. 1939.	12'

#### PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 24 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 239238 Signal Letters WDJC Extreme Breadth over Belting 43'-5 1/2" Over-all Length 299'-6"

No. and Material of Decks 1 D<sup>th</sup> Steel

Parts of Bottom of Vessel coated with cement or approved composition Cement in Engine Room and Pump Room.

Particulars of composition (if fitted) and of approval None.

#### 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,	17	111 SW
Double bottom, under Engines and Boilers,			After peak tank,	15	22 SW
Double bottom, if under Engines only,			Deep tank, aft, COFFERDAM (O.F.)	3	80 SW
Double bottom, if under Boilers only,			Deep tank, forward, COFFERDAM (F.W.)	2	56 SW
Double bottom, forward, FORWARD TANK (UNDER BUOYANCY SPACE) F.W. REMAINDER W.B.	216	600 SW	Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 201

Date 28<sup>th</sup> March 1938

Dates of Surveys held while building

October 1938, 20<sup>th</sup> + 31<sup>st</sup> / Nov. 1938 19<sup>th</sup> / August 1939, 24<sup>th</sup> at Rochester  
September 1939, 14<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup> + 23<sup>rd</sup> / October 1939, 6<sup>th</sup> + 7<sup>th</sup>  
November 1939, 11<sup>th</sup>, 17<sup>th</sup> + 25<sup>th</sup> / December 1939, 7<sup>th</sup>, 16<sup>th</sup> + 22<sup>nd</sup>  
January 1940, 6<sup>th</sup>, 18<sup>th</sup> (2) + 23<sup>rd</sup> (2) / February 1940, 2<sup>nd</sup>, 7<sup>th</sup>, 15<sup>th</sup>, 20<sup>th</sup>, 24<sup>th</sup>, 27<sup>th</sup>  
March 1940, 1<sup>st</sup>, 2<sup>nd</sup> + 3<sup>rd</sup>  
Total No. of Visits 30