



## 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</b> , No. of Rows...	2..LONGITUDINAL BULKHEADS..								
"	in 'tween Decks, Size and Spacing.....								
"	" " " " "								
"	in Holds " "								
"	" " " " "								
<b>LONGITUDINAL</b> <b>Centre Line Bulkhead. P.S.</b>		10	3 1/2	.444	IN NOS 1-6 TANKS.				
Stiffeners and Spacing.....		11	3 1/2	.444	" - 7-9 -				
		11	3 1/2	.53					
Plating, thickness of .....		3 1/2			for plating see plans & sister vessel.				
<b>STRINGERS AND DECKS.</b> <b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells		20 3/4	x	.77					
" " " " in way of Bridge		20 3/4	x	.94 .84					
" Angle in Wells .....		7	7	.70					
Thickness of Plating abreast Deck openings in way of Wells .....		.53, .74, .53		.72 CENTRE STRAKE. PORT. STARBOARD					
Thickness of Plating abreast Deck openings in way of Bridge .....		.53, .94, .83, .74, .72, .53		.72 CENTRE STRAKE PORT. STARBOARD					
Thickness of Plating within line of openings...									
If Sheathed, material and thickness .....									
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells...		36							
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.....		4 1/2	x	.43					
Plating, Sheathing, material and thickness ...		3/4	x	7/8	MINIMUM THICKNESS				
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness.....		38							
Plating, Sheathing, material and thickness ...		36	x	50	(WINDLASS BED)				

## SHELL PLATING.

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 .....	87	'86	'78	'75		DOUBLE.	1	4	{ QUINTUPLE QUADRUPLE	1 1	4 1/2 4	LAPPED DO.
„ DBLG. (if any)	NONE											
BOTTOM PLATING, No. of Strakes <i>THREE</i> ...	{ A B C	'67 '66 '64	'74 '74 '70	'56 '54 '58	DOUBLING PLATES FITTED ON 'A' & 'C' STRAKES P.S. IN WAY OF TRANS. BHDS ABOUT 5' x 60" AS APPROVED.	{ DOUBLE	7/8	3 1/2	{ QUADRUPLE TREBLE	7/8 7/8	3 1/2 3 1/8	DO. DO.
BILGE PLATING, No. of Strakes <i>ONE</i> ....	D	'64	'54	'64		DOUBLE.	7/8	3 1/2	{ QUADRUPLE TREBLE	7/8 7/8	3 1/2 3 1/8	DO. DO.
SIDE PLATING, No. of Strakes <i>FOUR</i> ....	{ E F G H	'64	'50	'52 & '50		{ DOUBLE	7/8	3 1/2	{ QUADRUPLE TREBLE	7/8 7/8	3 1/8 3 1/8	DO. DO.
UPPER DECK, Sheer-strake in Wells.....	K	56" x 1.00	'50	'50	120 AT POOP FRONT = BRIDGE ENDS.				{ QUADRUPLE QUADRUPLE	1 1/8 1	5 1/8 4	DO. DO.
UPPER DECK, Sheer-strake in Bridge ...	K	62 1/2" x '30				DOUBLE	1	4	{ QUINTUPLE TREBLE	1 1/4 7/8	5 3/8 3 1/8	DO. DO.
STRAKE BELOW Sheer-strake in Wells.....	J	83 3/4" x '76	'50	'50		DOUBLE	1	4	{ QUADRUPLE TREBLE	1 7/8	4 3 1/8	DO. DO.
STRAKE BELOW Sheer-strake in Bridge ...	J	83 3/4" x '76				DOUBLE	1	4	QUADRUPLE	1	4	DO.
POOP SIDE PLATING .....				.40 .44 AT POOP FRONT.		SINGLE	3/4	3	SINGLE	3/4	2 5/8	DO.
BRIDGE SIDE PLATING ...		.43							DOUBLE	3/4	2 5/8	DO.
FOREC'TLE SIDE PLATING			.43			SINGLE	3/4	3	SINGLE	3/4	2 5/8	DO.

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Stantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)	17					
„ Deck next below	✓					
As per Rule	✓					
		STIFFENERS.				
Plating Thickness.		VERTICAL.		HORIZONTAL.		
		Stantlings.	Spacing.	Stantlings.	Spacing.	
MIDSHIP BULKHD,	Upper tween decks					
„	Second „					
„	Third „					
„	Holds .....	51.50	10.3 1/2 x 44 L	33	2 GIRDEPS AS	
„		44.40	10.3 1/2 x 40 L	30	APPROVED.	
„			8.3 x 60 L			
„			8.3 x 35 L	24	FLATS AS	
„			8.3 x 50 L		APPROVED.	
COLLISION	(in Hold) .....	48.30	8.3 x 36 L	24		
AFTER PEAK	„ „ .....	62.30	4.3 x 36 L	24		

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

STEEL.

APPLEBY FRODINGHAM STEEL CO, CONSETT IRON CO, DORMAN LONG & CO, SOUTH DURHAM STEEL & IRON CO,  
SKINNINGROVE IRON CO, CARGO FLEET IRON CO, COLVILLE & SONS, STEEL COMPANY OF SCOTLAND, LANARKSHIRE STEEL CO, PAINE & CO.

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

## PARTICULARS OF LONGITUDINAL FRAMING.

BOTTOM 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.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Inches.		Number.	Diameter.
BOTTOM Framing of $\perp$ , $\perp$ or $\perp$ .....																		
Frames in Bridge 'tween Decks ...																		
Frames from Uppermost Continuous Deck No. 1																		
" 2																		
" 3		CENTRE LINE INTERCOSTAL																
" 4		IN CARGO TANKS.																
" 5		PLATE 40" x 44																
" 6		TOP ANGLES 3 1/2 x 3 1/2 x 44 DOUBLE																
" 7		BOTTOM " 4" x 4" x 50 DOUBLE																
" 8		VERTICAL " 6" x 6" x 42 DOUBLE																
WING TANKS [		17 x 4 x 4 x 52/68 17 x 4 x 4 x 52/68 AS APPROVED 7/8 5/4 3/8 FOR 11 RIVETS 18 7/8																
" 10		D° D° D° D° EACH SIDE OF TO BULKHEAD																
" 11		D° D° D° D° TRANSVERSES & AND LONGS																
" 12		D° D° D° D° O.T. BULKHEADS. 62 GUSSET																
" 13																		
CENTRE TANKS [		17 x 4 x 4 x 52/68 17 x 4 x 4 x 52/68 AS APPROVED 7/8 5/4 3/8 FOR 11 RIVETS 18 7/8																
" 15		D° D° D° D° EACH SIDE OF TO BULKHEAD																
" 16		D° D° D° D° TRANSVERSES & AND LONGS																
" 17		D° D° D° D° O.T. BULKHEADS. 62 GUSSET																
Spacing of Longitudinal Frames		Amidships ..... 33" IN CENTRE TANKS. At Ends ..... 30" IN WING TANKS.																
Double Bottoms $\perp$ , $\perp$ or $\perp$		Tank Top Longitudinals ✓ Bottom " ✓																
Spacing of Longitudinals		Amidships ✓ At Ends... ✓																
Transverses.																		
In Bridge 'tween Decks		Depth and Thickness ✓ Face Angles ..... ✓ Lugs to Shell* ..... ✓																
In Upper 'tween Decks.		Depth and Thickness ✓ Face Angles ..... ✓ Lugs to Shell* ..... ✓																
In Hold.		WING TANKS. CENTRE TANKS. ENDS WING TANKS. CENTRE TANKS.																
		Depth and Thickness 37" x 44 37" x 44 40" x 44 40" x 44																
		Face Angles SINGLE 6 3/2 64 6 3/2 64 6 x 3 1/2 x 64 DOUBLE 6 x 3 1/2 x 64 DOUBLE																
		Lugs to Shell* Joggled 6 6 44 6 6 44 6 6 44 6 x 6 x 44 7/8 3 1/2 x 4 7/8 @ 4 x 4 3/8																
		" " Back Bars ... " " " " " " " " " 7/8 @ 4 3/8																
		Brackets BILGE ..... 4-0" x 3-8" x 44 4-0" x 3-8" x 44 5-6" x 5-0" x 44 & 5" FL. 5-6" x 5-0" x 44 & 5" FL.																
		WEB TO BHD. 4-0" TO 3-1" x 44 4-0" TO 3-1" x 44 AND 3 1/2 x 3 1/2 x 40 STIFF. AND 3 1/2 x 3 1/2 x 40 STIFF.																
Spacing of Transverse Frames		10-6" APART. 10-6" APART. 10-6" APART. 10-6" APART.																
Longitudinal Beams of $\perp$ , $\perp$ or $\perp$		Bridge Deck ... 3 3/2 43 3 3/2 43 AS APPROVED AS APPROVED 33" IN CP. 30" IN WING																
		Upper " 22" x 42 6 x 3 1/2 x 43 AS APPROVED																
		Second " UPPER OR CENTRE LINE GIRDER 60" x 40 WITH 5" x 3 1/2 x 40 L																
		Third " STIFFENERS 3-6" APART AND FACE ANGLE 6 x 3 1/2 x 50 SINGLE																

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.



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. M.V. DONOVANIA. N.W.C. RPT. NO. 22533.

M.V. DIPLODAN. D°. 22860.

M.V. SAN. VENANCIO. D°. 100,147.

M.V. NICANIA. D°. 100,431.

M.V. NUCULANA. D°. 100,736.

COPIES OF THE APPROVED PLANS (AS PER ATTACHED LIST) ARE ENCLOSED, AND SHOULD BE RETURNED FOR REFERENCE IN BUILDING SISTER VESSELS.

REPORTS FOR STERNFRAME, RUDDER COUPLING, UPPER & LOWER BEARINGS AND TILERS ARE ENCLOSED.

A COPY OF THE MIDSHIP SECTION "AS BUILT" IS ENCLOSED.

NOTE:— A BOWER ANCHOR AND 60 FATHOMS OF 2 7/16" DIA CHAIN CABLE WILL REQUIRE TO BE SUPPLIED AT THE END OF THE PRESENT EMERGENCY, TO ENABLE THE EQUIPMENT TO COMPLY WITH THE RULES.

PARTICULARS OF ELECTRIC WELDING (if employed). RUDDER, SEAMS & BUTTS OF DECKHOUSES & BOAT DECK AND STRINGERS & MINOR ITEMS. THE ELECTRIC ARC WELDING CARRIED OUT WITH ELECTRODES APPROVED FOR THE PURPOSE, AND IN ACCORDANCE WITH THE "RULES FOR THE APPLICATION OF ELECTRIC ARC WELDING TO SHIP CONSTRUCTION".

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "CARRYING PETROLEUM IN BULK", "LONGITUDINAL FRAMING AT BOTTOM AND DECK", "RUDDER ELECTRICALLY WELDED", "LLOYD'S A.S.C.P.", CRUISE STERN, MACHINERY AFT, SINGLE SCREW, ECHO SOUNDING DEVICE, DIRECTION FINDER.

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

1st Bower 45-2-11 J.D. 3337 13-1-42.  
2nd ,, 45-0-12 J.D. 3336 13-1-42.  
3rd ,,

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.69 ft., R.Q.D. ft., Bridge 44.61 ft., Forecastle 50.17 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 168373 Signal Letters Extreme Breadth over Belting Over-all Length 483.22 FT.  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DECK (STEEL) 2<sup>ND</sup> DECK CLEAR OF CARGO TANKS.

Parts of Bottom of Vessel coated with cement or approved composition.

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,		138.3
Double bottom, under Engines and Boilers, OF ONLY.	40.116.		After peak tank,		85.6
Double bottom, under Engines only, LUB. OIL ONLY.	10.25		Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.75	266.6
Double bottom, forward, 2 COFFERDAMS.	2.56.		Other tanks, if fitted,		
Total length (if continuous) and Capacity (TOTAL).	52.97.		(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5640

Date 16.12.41

Dates of Surveys held while building

1941  
Oct. 17. 22. Nov. 11. 15. Dec. 10. 1942  
Jan. 20. 22. 29. Feb. 6. 10. 13. 17. 18. 23. 26. 27. Mar. 11. 12. 16. 19. 20. 25. 26. 30. Apr. 2.  
8. 9. 10. 14. 15. 21. 24. 29. May 5. 6. 8. 11. 15. 18. 26. 28. June 1. 15. 16. 18. 23. 25. 29. July 3. 13. 18. 20. 21. 22. 23. 24. 27.  
28. 29. 30. 31. Aug. 1. 4. 6. 7. 8. 10. 11. 12. 13. 14. 18. 19. 20. 21. 22. 24. 25. 27. 28. 31. Sep. 3. 4. 7. 8. 9. 11. 15. 16. 19. 21. 22. 23. 25.  
1943  
Oct. 1. 6. 9. 13. 15. 16. 20. 28. Nov. 19. Dec. 1. 8. 10. 16. 23. 28. Jan. 4. 5. 11. 12.

Total No. of Visits 114.