

004405-004410-0280 $\frac{1}{2}$

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.			
	Length	Thickness							
Stringer Plate, breadth and thickness in way of Bridge	77 1/2	40			77 1/2	40			
Thickness of Plating abreast Deck openings in way of Wells	36				36				
Thickness of Plating abreast Deck openings in way of Bridge	34				34				
Thickness of Plating within line of openings	34				34				
If Sheathed, material and thickness	None				None				
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	36 1/2	36			36 1/2	36			
Plating, Sheathing, material and thickness	2 1/2	wood dk			2 1/2	wood dk			
Bridge Deck.									
Stringer Plate, breadth and thickness	70	45			70	45			
Plating, Sheathing, material and thickness	2 1/2	wood dk			2 1/2	wood dk			
Forecastle Deck.									
Stringer Plate, breadth and thickness	35	36			35	36			
Plating, Sheathing, material and thickness	3 1/2				3 1/2				

SHELL PLATING.														
SCANTLINGS.					RIVETING. <i>Amidships</i>									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.						
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	<i>No</i> ✓	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			Inches.	Inches.		
FLAT PLATE KEEL	51½ ✓	81 ✓	71 ✓	71 ✓		Double	1 ✓	3¾ ✓	Quad ✓	1 ✓	4 ✓	Lapped		
„ DBLG. (if any)			✓											
BOTTOM PLATING, No. of Strakes4 ✓		62 ✓	49 ✓	49 ✓		Double	7/8 ✓	3½ ✓	Quad ✓	7/8 ✓	3½ ✓	Lapped		
BILGE PLATING, No. of Strakes2 ✓		62 ✓	49 ✓	49 ✓		Double	7/8 ✓	3½ ✓	" ✓	7/8 ✓	3½ ✓	"		
SIDE PLATING, No. of Strakes3 ✓		62 ✓	46 ✓	46 ✓		Double	7/8 ✓	3½ ✓	Double ✓	7/8 ✓	3½ ✓	"		
UPPER DECK, Sheer-strake in Wells.....}	68 ✓	74 ✓	46 ✓	46 ✓		-	-	-	Quad ✓	1 ✓	4 ✓	"		
UPPER DECK, Sheer-strake in Bridge ...}	80 ✓	62 ✓				Double	7/8 ✓	3½ ✓	" ✓	7/8 ✓	3½ ✓	"		
STRAKE BELOW Sheer-strake in Wells.....}	67½ ✓	65 ✓	49 ✓	46 ✓		Double	7/8 ✓	3½ ✓	" ✓	7/8 ✓	3½ ✓	"		
STRAKE BELOW Sheer-strake in Bridge ...}	67½ ✓	62 ✓				Double	7/8 ✓	3½ ✓	Double ✓	7/8 ✓	3½ ✓	"		
POOP SIDE PLATING				39 ✓		Single	¾ ✓	3 ✓	Single ✓	¾ ✓	2½ ✓	"		
BRIDGE SIDE PLATING ...		55 ✓				on plate	✓	✓	Double ✓	7/8 ✓	3½ ✓	"		
FORECASTLE SIDE PLATING			42 ✓			Single	¾ ✓	3 ✓	Single ✓	¾ ✓	2½ ✓	"		

WATERTIGHT BULKHEADS.									
Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c)									
Deck next below									
As per Rule									
MIDSHIP BULKHEAD, Upper tween decks	Plating Thickness.		STIFFENERS.			VERTICAL.		HORIZONTAL.	
	Length.	Thickness.	Length.	Thickness.		Scantlings.	Spacing.	Scantlings.	Spacing.
" Second "	27	6	3	420A 30					
" Third "									
" Holds	48	48	12	3 1/2	45	30			
" (in Hold)	52	28	8	3 1/2	35	24			
AFTER PEAK	51	7 1/2	8	3 1/2	35	24			
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)									
Smith Durham & Co., Dorman Long & Co., Carnegie Steel Co., Connell Iron Co.									
Has the Steel been tested as required by the Rules?									
Yes									

EQUIPMENT No 40322									
ANCHORS.					LETTER at				
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.	
39511	1st Bower	68	14	52	15	2	14	68	Ed 21/2/40 W.V. Norman
39510	2nd "	68	0	52	15	2	14	68	Ed 21/2/40 L.V. Norman
99271	Stream	19	1	4	3	21	20	4	0
CHAIN CABLES.									
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.
112611	225	2"	100	2	475	0-13	270	2"	120
112614	27	2"	"	"	29	3-26	"	"	2-90
112612	45	2"	"	"	94	2-17	"	"	2-90
112613	45	2"	"	"	95	0-16	"	"	2-90
317	90	4 1/2	64	6	90	4 1/2	"	"	6-90
STEERING GEAR, Type (Power or hand) J. Martie & Co. Hyd. Tel. Cent. Alternative Means of Steering Blocks & Tackles									
STEERING CHAINS (Size and Test) Windlass Clark Chapman 2 steel 28 x 8.5 x 3.5 Boats 2 " 27 x 8.5 x 3.5									
CEILING IN HOLDS, thickness and material Retaining bar + 1 plate fitted under hatchways. Remains in place under hatchways not fitted at present. Cargo Battens, thickness, material and spacing 6 x 2 spanning 9" apart									
CARGO HATCHWAYS.—(Upper Deck) Steel plates & angles. Thickness of Hatches 3". Lower deck wood hatches omitted perantine									
Size of Hatchways No. 1 (Fwd.) 27'0" x 22'0" No. 2 33'6" x 22'0" No. 3 12'2 1/2" x 18'6" No. 4 4'7" x 18'6" No. 5 33'0 1/2" x 22'0" No. 6 27'11 1/2" x 22'0"									
Number of Shifting Beams and/or Fore and Afters 4 5 1 none 5 4									

Builder's Signature *For William Gray & Co. Limited.*
Thos. S. Simpson
 GENERAL MANAGER.

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 and generally conforms with the Society's Rules for the class contemplated. The materials & workmanship are good. All double bottom tanks & peak tanks have been tested as required by the Rules & found satisfactory. The watertight doors, watertight bulkheads, watertight door and tunnel have been satisfactorily tested. The assigned freeboards have been marked on the vessel's sides, verified & cut in. The windlass & steering gears have been satisfactorily tried under working conditions.

FORGINGS and CASTINGS.									
The amount of Entry Fee £ 10 : 0 : 0									
Special Survey Fee ... £ 369 : 16 : 6									
Travelling Expenses, if any £									
State whether the Vessel has been built under Special Survey <i>Yes</i>									
Certificate to be sent to <i>W. Hpl.</i> Date of issue <i>31/12/40.</i>									
Committee's Minute <i>FRI. 20 DEC 1940</i>									
Character assigned <i>+100A</i>									
With freeboard <i>Lloyd's and Co. + Lmb 12.40</i>									
Note for S.R.L. <i>Write for</i>									

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.)

approved plans + forging reports forwarded herewith.

Will you please return the approved plans for use in the sister vessel now building.

1 Sister vessel. Itolu & Itaura

PARTICULARS OF ELECTRIC WELDING (if employed)

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

Cruiser class, D.F. 8d1 A CP. With freeboard. 2 dks stub ceiling under hatchways and lower deck ^{wood} hatch covers to be fitted at a convenient opportunity at a port abroad. Notation regarding equipment.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight in tons	Surveyor's Initials	No. of Cuts	Date of Test
	1st Bower	43.2.7.	JD.	2481	13.12.39.
	2nd "	44-1-0.	JD.	2471	9.12.39.
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 41.6 ft., R.Q.D. ft., Bridge 139.3 ft., Forecastle 42.75 ft.

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

Official No. 168047. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 442'-10"

No. and Material of Decks 2 decks. steel.

Parts of Bottom of Vessel coated with cement or approved composition Double bottom tanks + peaks cemented. Bridges!- Bituminous enamel.

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,	134'-8 1/2	335	Fore peak tank,	20'-1	175
Double bottom, under Engines and Boilers,			After peak tank,	28'-0	165
Double bottom, if under Engines only,	25'-5	114	Deep tank, aft,		
Double bottom, if under Boilers only, Dry Tanks	20'-4		Deep tank, forward,		
Double bottom, forward,	185'-3 1/2	648	Other tanks, if fitted,		
Total length (if continuous) and Capacity	365'-9	1127	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 2421

Date 13/6/39

Dates of Surveys held while building

1940. Jan. 29. Feb. 1. 5. 9. 14. 19. 21. 26. March 1. 5. 7. 11. 18. 21. April 2. 11. 16. 18. 23. 26. 29. May 24. 29. June 4. 11. 28. July 1. 2. 11. 16. 18. 24. 26. 30. August 1. 8. 9. 14. 19. 22. 26. 29. 31. Sept. 3. 12. 24. Oct. 10. 25. 28. Nov. 1. 4. 8. 11. 14. 18. 21. 26. 28. 29. Dec. 2. 4. 9.

Total No. of Visits 62