

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.
LONGITUDINAL... Q.T. END (P+S) IN WAY OF OIL TANKS				
" in 'tween Decks, Size and Spacing.....	PILLARING			
" " " " " " " "	AT ENDS AS			
" in Holds " " " " " "	APPROVED			
LONGITUDINAL Centre Line Bulkhead. (P+S) OIL TIGHT.				
Stiffeners and Spacing	10 3 1/2 1/4	EVERY FRAME		
UPPER STR. 26 x 40 / LOWER STR. 30 x 42 / FACE BAR 3 1/2 x 3 1/2 x 42 / FACE BAR 3 1/2 x 3 1/2 x 44				
Plating, thickness of	1/4 - 3/8			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	7 3/4 1/80			
" " " " " in way of Bridge	7 3/4 1/89			
" Angle in Wells 7. BRIDGE	Y Y 1/20			
Thickness of Plating abreast Deck openings in way of Wells	1/4 1/80			
Thickness of Plating abreast Deck openings in way of Bridge	1/4 1/80			
Thickness of Plating within line of openings	1/2 1/56			
If Sheathed, material and thickness				
Second Deck. IN WAY OF ENGINE SPACE				
Stringer Plate, breadth and thickness in Wells	5 1/4 1/40			
Stringer Plate, breadth and thickness in way of Bridge				
If Sheathed, material and thickness				
Third Deck. DEEP TANK FLAT FORWARD				
Stringer Plate, breadth and thickness	7 1/2 1/40			
If Plated, state thickness	1/38			
Fourth Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness	4 1/2 1/37			
Plating, Sheathing, material and thickness	1 1/2 COMPOSITION			
Bridge Deck.				
Stringer Plate, breadth and thickness	4 1/2 1/43			
Plating, Sheathing, material and thickness	1 1/2 COMPOSITION			
Forecastle Deck.				
Stringer Plate, breadth and thickness	3 1/2 1/37			
Plating, Sheathing, material and thickness	1/36			

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? No.		No. of Rows of Rivets.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.
FLAT PLATE KEEL	57	1/96	1/98	1/98		DOUBLE	1	4.0	5R - 4R	1 1/8 - 1	1 1/2 - 4
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes	A B C D	1/67 1/67 1/64 1/64	1/53	1/53	1/50 ENDS	DOUBLE	7/8	3 1/2	4R - 3R	7/8	3 1/2 - 3 1/2
BILGE PLATING, No. of Strakes		1/64	1/53	1/53	1/50 ENDS	"	"	"	"	"	"
SIDE PLATING, No. of Strakes		1/64	1/47	1/47		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells	47 1/2 51 1/2	1/99	1/50	1/47	1/47 FORWARD				5R - 3R	1 1/8 - 7/8	4 1/2 - 3 1/2
UPPER DECK, Sheer-strake in Bridge	54	1/99				DOUBLE	1	4.0	5R	1 1/8	4 1/2
STRAKE BELOW Sheer-strake in Wells	83 1/4	1/76	1/47	1/47		DOUBLE	1	4.0	4R - 3R	1 - 7/8	4 - 3 1/2
STRAKE BELOW Sheer-strake in Bridge	83 1/4	1/76				"	1	4.0	4R	1	4
POOP SIDE PLATING 1 STRAKE			POOP FRONT 1/50	1/40		SINGLE	7/8 3/4	3 1/2 3	3R 2R	3/4 3/4	2 3/8 2 3/8
BRIDGE SIDE PLATING 1 STRAKE		1/44							2R	"	"
FORECASTLE SIDE PLATING 2 STRAKES			1/43			SINGLE	3/4	3	1R	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c)		17					
Deck next below		NONE					
As ^{APPROVED} per plan		17					
		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper-tween decks							
"	"	Second	"	B.A.	UPPER 32 x .40	FACE ANGLES. 9 x 3/8"	
"	"	Third	CENTRE	.51 - .41	10 x 3 1/2 x .40	33	LOWER 33 x .40 110 x 3/8" (8")
"	"	Holds	WINGS	.50 - .40	10 x 3 1/2 x .40	30	UPPER 32 x .40 3 1/2 x 3/4"
"	"				B.A.		LOWER 32 x .40 3 1/2 x 3/4"
COLLISION		"	(in Hold)	.51 - .28	9 x 3 1/2 x .50	24	DEEP TANK PLAT 5/16" - BOX BEAM ✓
AFTER PEAK		"	"	.50 - .30	10 x 3 1/2 x .40	24	Boiler PLAT 1" STRINGER, ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE KEEL			
STEM	ROLLED STEEL	10 1/2 x 2 1/4		
STERN FRAME	Propeller Post	CASTING	AS PER PLAN	W. BEARDMORE & CO.
	Rudder	CASTING	AS PER PLAN	W. BEARDMORE & CO.
Speed of Vessel		12 KNOTS		
RUDDER—Type	SIMPLEX	BALANCED		
" A x D		387		
" Diam. of head		11"		
" Mainpiece at top pintle	FORGING	10		W. BEARDMORE & CO.
" " heel	"	10		
" how constructed	BUILT & WELDED	AS PER APP. PLAN		
" double or single plate coupling, vertical or horizontal	DOUBLE PLATES	60		

STEEL.

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

STEEL COMPANY OF SCOTLAND LTD. DORMAN LONG & CO LTD

OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules?

Yes.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Speng.		Number.	Diameter.
Framing of Λ , Γ or \square													
Frames in Bridge 'tween Decks ...		TRANSVERSE FRAMING			IN POOP, BRIDGE AND FORECASTLE.								
Frames from CENTRE GIRDER ^{Uppermost Continuous Deck} No. 1		17	4	4	17	4	4		$\frac{7}{8}$	$5\frac{1}{4}$	$3\frac{1}{8}$ FOR 11 R.	18	$\frac{7}{8}$
" 2									"	"	"	"	"
" 3									"	"	"	"	"
" 4		LONGITUDINAL O.T. BULKHEAD (P.+S.)											
" 5		17	4	4	17	4	4		$\frac{7}{8}$	$5\frac{1}{4}$	$3\frac{1}{8}$ FOR 11 R.	18	$\frac{7}{8}$
" 6									"	"	"	"	"
" 7									"	"	"	"	"
" 8									"	"	"	"	"
" 9													
" 10													
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames		2' 9" CENTRE TANKS 2' 6" WING TANKS			2' 9" CENTRE TANKS 2' 6" WING TANKS								
Double Bottoms Λ , Γ or \square		Tank Top Longitudinals											
		Bottom			TRANSVERSE FRAMING IN DOUBLE BOTTOM								
Spacing of Longitudinals		Amidships			As PER PAGE 1.								
		At Ends...											
Transverses.													
Side		Depth and Thickness			TRANSVERSE FRAMING IN POOP, BRIDGE & FORECASTLE.								
'tween Decks)		Face Angles											
		Lugs to Shell*											
Bottom		Depth and Thickness			37			44	37	44			
Side		Face Angles			6			4	60	6	4	60	
(in Hold)		Lugs to Shell* Joggled			6			6	44	6	6	44	$\frac{7}{8}$ 3 1/2 x 4
WING TANKS		Depth and Thickness			40			40	40	40			
		Face Angles			6			4	60	6	4	60	
Bottom		Lugs to Shell* Joggled			6			6	44	6	6	44	$\frac{7}{8}$ 4 x 4 3/8
CENTRE TANKS		" " Back Bars ...			3 1/2			3 1/2	44	3 1/2	3 1/2	44	
		Brackets			44				44				
Spacing of Transverse Frames		10' 6"			10' 6"								
* State if joggled or liners.													
Longitudinal Beams of Λ , Γ or \square		Bridge Deck ...			TRANSVERSE FRAMING								
		Upper			9			3 1/2	43	9	3 1/2	43	UPPER DECK
		Second										29 x 42 6 x 3 1/2 x 43	
		Third										IN CENTRE - WING TANKS	

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.

EQUIPMENT No 44613 ✓										LETTER cf ✓	ANCHORS.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
41335	1st Bower ...	73	3	19	✓	✓		55	15	0	0	✓	73½ ✓	BYERS IMP. STOCKLESS	✓	S. 25-10-41. W.V.N.
41488	2nd „ ...	73	1	0	✓	✓		55	10	0	0	✓	73½ ✓	D-	✓	S. 16-12-41. W.V.N.
	3rd „ ...												72½			
	Collective weight.	147	0	19									219½ ✓			
54608	Stream	22	1	Y	5	2	14	22	13	0	14	✓	22 ✓	RODGERS IRON STOCK	✓	C.H. 10-12-41 L.C.P.

CHAIN CABLES.										HAWSERS AND WARPS.									
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.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	
					Fathoms.	Ins.													Tons.
116785	240	2 1/16	106 3/10	149 5/10	71Y-3-21	890 1/4		300	2 1/16	STUB LINK	✓	N. Y-3-42 J.A.R.	TOWLINE...	130	5 1/8	77 5/10	130	5 1/4	
on Stream Chain of Steel Wire													HAWSERS & WARPS	100	3 3/4	21 7/10	100	2 3/4	
													"	100	3 3/4	21 7/10	100	2 3/4	
													"	100	3 3/4	21 7/10	100	2 3/4	
													"	100	3 3/4	21 7/10	100	2 3/4	

Steering Gear, Type (Power or hand) *HYDRO-ELECTRIC BY HASTIE & CO LTD* Alternative Means of Steering *Block & TACKLES TO WHICH ON POOP DECK ✓*

Steering Chains (Size and Test) *NONE* Windlass *STEAM BY EMERSON, WALKER & CO* Boats *1 Motor & 3 ROWING LIFEBOATS*

Ceiling in Holds, thickness and material *NONE* Cargo Battens, thickness, material and spacing *NONE*

Cargo Hatchways.—(Upper Deck) *STEEL CORMINGS & ANGLES* Thickness of Hatches *HINGED STEEL COVERS*

Size of Hatchways No. 1 (Fwd.) *CARGO HATCH 8'-0" x 10'-0"* No. 2 *OIL HATCHES 4'-6" x 3'-6"* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *NONE*

Builder's Signature *John Stewart* SECRETARY

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 *✓*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *✓* 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 built in accordance with the approved Plans, the Secretary's letters of various dates and in conformity with the Rules for the class contemplated.

The workmanship and materials are good.

The cargo tanks, oil fuel tankers, settling tanks, effluents, lubricating oil tanks, fore peak tank, dup tank forward after peak tank and the double bottom tanks in the machinery spaces were tested as required by the Rules and found satisfactory.

Flash point of the oil fuel is above 150°F and the requirements of Section 20 of the Rules have been complied with.

Weather deck and collision bulkhead were tested and found in order.

Steering gear and windlass tried under working conditions and found satisfactory.

Freightmark verified and marks cut in.

Anchors and cables supplied in accordance with the Emergency Regulations.

Oil fuel is carried in dup tank forward, oil fuel tankers and in double bottom in machinery spaces.

This vessel is similar to M/s DONACILLA. The Builders No 57.

The amount of Entry Fee £ 11 0 0 Fees applied for, *Y. 10. 1942.* (Special notations, where part of class, to be stated.)

Special Survey Fee... £ 605 0 6 Received by me, *19*

FREEBOARD £ 191 0 0

Travelling Expenses, if any £ : ✓ :

I am of opinion the Vessel should be Classed *+ 100A.1.*

"CARRYING PETROLEUM IN BULK"

"LONGITUDINAL FRAMING AT BOTTOM & AT DECK"

State whether the Vessel has been built under Special Survey *YES.* Signature *H. Thomson*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *GLASGOW* Date of issue *11/11/42*

Committee's Minute *GLASGOW 13 OCT 1942*

Character assigned *-1- 100A.1*

10.42

Carb. Petroleum in hull.

Longitudinal Framing at Bottom and at Deck

-1- Rule 10.42 18.18.11.

Oil Eng.

Lloyd's ascd.

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.)

The following plans and reports are forwarded herewith: Yacht as built (22 plans + 5 reports)
Midships Section.

approved plans.

1. Midships section
2. Profile and decks.
3. Fore end framing.
4. After end framing.
5. Strengthening of bottom forward
6. Tank top and engine seating
7. Transverse watertight bulkheads
8. Cofferdam bulkheads
9. Forward cofferdam bulkheads
10. Detail of upper & lower stringer brackets
11. Stringer A & O at bulkhead 159
12. Web frames & side stringers in machinery space
13. Peak bulkheads
14. Shell at break of bridge and poop
15. Rixiting list

16. Proposed welding.
17. Reservoir for sea intake
18. Main cargo pump seats.
19. Tiller
20. Emergency tiller
21. Surge & ballast pumping

Reports.

Stemframe
Rudder head
Rudder stock
Tiller
Emergency tiller

PARTICULARS OF ELECTRIC WELDING (if employed) Simplex Balanced Rudder.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Carrying petroleum in bulk "Lloyds A.C.P."
"Longitudinal framing at bottom and at deck" "oil engine" "Machinery aft." "lower stem." "who smoking".
"Direction pointed" of 1st and second deck deal of oil tanks.

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

1st Bower	49-0-19	W.V.H.	3614	9-12-40
2nd "	49-1-17	J.T.	3595	30-11-40
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.65 ft., R.Q.D. ft., Bridge 47.22 ft., Forecastle 51.0

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

Official No. 16830Y. Signal Letters Extreme Breadth over Belting ✓ Over-all Length 482'-9"

No. and Material of Decks 1 OK (STL) 9 2nd OK (STL) CLEAR OF OIL TANKS

Parts of Bottom of Vessel coated with cement or approved composition PORTLAND CEMENT IN FORE PEAK AND AFTER PEAK.

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,	23.3	144.8
Double bottom, under Engines and Boilers,			After peak tank,	16.0	89.0
Double bottom, if under Engines only,	56.7	168.0	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.7	296.0
Double bottom, forward,	2.6		Other tanks, if fitted,	3.0	144.0
Total length (if continuous) and Capacity	59.3	168.0	(If necessary, furnish further information by sketch.)	3.0	163.0

Order for Special Survey No. 6564

Date 8:1:41

Dates of Surveys held while building

1941 Jan.: 23 Feb.: 6-11-17. 24 Apr.: 15 May: 1-14-22-30 June: 3-9-11-17-19-23-24-28-30 Aug.: 6
21-25-28 Sep.: 2-8-17-23-26 Oct.: 6-9-13-22-23-28 Nov.: 5-10-11-20-25-27 Dec.: 1-9-12-24-26
1942 Jan.: 2-7-12-13-14-19-20-23-28-30 Feb.: 2-4-9-11-17-18-20-25-26 Mar.: 2-4-5-6-9-11-18-19-20
26-27-31 Apr.: 2-3-7-10-13-16-17-20-23-24-27-29 May: 5-8-11-12-13-14-15-18-20-21-22-23-25-27
29-30-31 June: 1-11-29 July: 1-2-15 Aug.: 13 Sep.: 7-10-21-25-29-30 Total No. of Visits 126