

State if Report is sent on the Machinery of the Vessel..... Yes

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)..... Full Scantling..... State Type of Erections, Roof Bridge + Felt

34.80

CLASS	+ 100 A.1.	State if with freeboard	No
CARRYING PETROLEUM IN BULK	as condition of Class		FEET
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)	L	460.0	
Breadth (greatest moulded)	B	59.0	
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D	34.83	
1st Longitudinal Number ($L \times D$)	=	16022	
2nd Numeral $L \times (B + D)$	=	43162	
Framing Depth "d," at middle of length. See Sec. 3 (1d)			✓
Proportions—Depth to Length—Uppermost continuous deck to top of keel		13.2	
Do. Long Bridge to top of keel			✓
Draught Moulded			2'-6"

BUILDING, AFLOAT & IN DRY DOCK.

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.
PILLARS, No. of Rows	LONGITUDINAL	O.T. BULKHEAD	P.T.S.		Stringer Plate, breadth and thickness in way of Bridge			
"	IN WAY OF OIL TANKS				Thickness of Plating abreast Deck openings in way of Wells	.38		
"	in 'tween Decks, Size and Spacing	PILLARING			Thickness of Plating abreast Deck openings in way of Bridge			
"	"	AT ENDS	AS		Thickness of Plating within line of openings			
"	in Holds	APPROVED			If Sheathed, material and thickness			
LONGITUDINAL					Third Deck. DEEP TANK TOP FORWARD.			
Centre Line Bulkhead. (P.T.S.) OIL TIGHT.					Stringer Plate, breadth and thickness	.38		
Stiffeners and Spacing	B.A.	10	3 1/2	.46	If Plated, state thickness	UNDER HATCH	.46	
UPPER STR. 24 x .42	LOWER STR. 26 x .42	EVERY FRAME			Fourth Deck.			
FLANGED 5"	FLANGED 5"				Stringer Plate, breadth and thickness			
Plating, thickness of		.44			If Plated, state thickness			
STRINGERS AND DECKS.					Poop Deck.			
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells		78	.80		If Plated, state thickness			
"	in way of Bridge	78	.80		Bridge Deck.			
"	Angle in Wells	Y	Y	.70	Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells	CENTRE STRAKE	.YY			PLATED TRANSVERSELY	.32		
Thickness of Plating abreast Deck openings in way of Bridge	A STRAKE	.58			Plating, Sheathing, material and thickness			
	B STRAKE	.57						
	C STRAKE	.58						
Thickness of Plating within line of openings	ABREAST ENGINE CASING	.62	.50		Forecastle Deck.			
If Sheathed, material and thickness					Stringer Plate, breadth and thickness			
Second Deck.	IN WAY OF ENGINE CASING				PLATED TRANSVERSELY	.36		
Stringer Plate, breadth and thickness in Wells		.38			Plating, Sheathing, material and thickness			

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				UPPER EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if joggled?		NO.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.	
Flat Plate Keel	53 1/2	1.0	.79	.79	WELDED			WELDED	
" Bilg. (if any)									
Bottom Plating, No. of Strakes			.75 ON FLAT OF BOTTOM FORWARD		WELDED			WELDED	
Bilge Plating, No. of Strakes		.71	.51	.51	DOUBLE	7/8 3 1/2		"	
Side Plating, No. of Strakes		.73	.51	.51	"	"		"	
Upper Deck, Sheer-strake in Wells	51	.68	.48	.48	"	"		"	
Upper Deck, Sheer-strake in Bridge	55	.97	.48	.48	SINGLE	7/8 3 1/2		"	
Strake below Sheer-strake in Wells	57	.90	.48	.48	DOUBLE	1 3 9/16		"	
Strake below Sheer-strake in Bridge	77 1/2	.87	.48	.48	"	"		"	
Poop Side Plating	77 1/2	.75	.50	.40	SINGLE	7/8 3 1/2		"	
Bridge Side Plating	POOP FRONT	.50			"	"		"	
Forecastle Side Plating	BRIDGE ENDS	.44			SINGLE	3/4 3		"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	16
" Deck next below	NONE
As APPROVED per Rule	16 TO UPPER DECK

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	FORGING	10 3/8 x 2 3/4		
STERN FRAME	Propeller Post	FABRICATED	AS PER COLVILLES LTD.	
	Rudder	FABRICATED	PLAN.	D ²
Speed of Vessel		11 1/2 KNOTS		
RUDDER—Type	SIMPLEX	BALANCED		
" A x D.		723		
" Diam. of head	FORGING	13 1/4	W. BEARDMORE & CO. LTD.	
" Mainpiece at top pintle	FABRICATED	AS PER COLVILLES LTD.		
" heel	FABRICATED	PLAN	D ²	
" how constructed				
" double or single plate coupling, vertical or horizontal		DOUBLE		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" Second					
" Third	CENTRE	.53 - .42	11 x 3 1/2 x .45	33	UPPER 35 x .42 9 x 3 1/2 x .44 12 x 3 1/2 x .42
" Holds	SIDE	.53 - .42	11 x 3 1/2 x .45	33	UPPER 35 x .42 FLG. 5" LOWER 35 x .42 FLG. 8"
COLLISION (in Hold)		.47 - .38	7 x 3 1/2 x .46 A	24	2 SEMI-BOX BEAMS 4 DEEP TANK PLAT. 1 SEMI-BOX BEAM
AFTER PEAK		.50 - .30	5 x 3 x .36 A	24	T. BOILER PLAT.

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	COLVILLES LTD, STEEL COMPANY OF SCOTLAND LTD, DORMAN, LONG & CO. LTD.
	OPEN HEARTH PROCESS
	Has the Steel been tested as required by the Rules? YES.

PARTICULARS OF LONGITUDINAL FRAMING.

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. Ins.	Speng. Ins.		Number.	Diameter. Inches.
Framing of A, L or C													
Frames in Bridge 'tween Decks ...		TRANSVERSE FRAMING IN POOP BRIDGE AND FORECASTLE ✓											
Frames from Uppermost Continuous Deck CENTRE GIRDER No. 1		15	4	4	15	4	4	✓	7/8	5/4	3/8 FOR 9 RIVETS	WELDED	
" 2		"	"	"	"	"	"		"	"	"	"	
" 3		"	"	"	"	"	"		"	"	"	"	
" 4		LONGITUDINAL OILTIGHT BULKHEAD P.T.S ✓							✓	✓	✓	✓	
" 5		15	4	4	15	4	4	✓	7/8	5/4	3/8 FOR 9 RIVETS	WELDED	
" 6		"	"	"	"	"	"		"	"	"	"	
" 7		"	"	"	"	"	"		"	"	"	"	
" 8		12	3 1/2	.50	12	3 1/2	.50	✓	"	"	"	"	
" 9													
" 10													
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames { Amidships		33											
{ At Ends					33								
Double Bottoms { Tank Top Longitudinals													
{ L, L or C Bottom		TRANSVERSE FRAMING IN DOUBLE BOTTOM ✓											
Spacing of Longitudinals { Amidships		AS PER PAGE 1.											
{ At ends...													
Transverses.													
Side { Depth and Thickness													
(in 'tween Decks) { Face Angles		TRANSVERSE FRAMING IN POOP BRIDGE AND FORECASTLE											
{ Lugs to Shell*		AS PER PAGE 1. ✓											
Bottom { Depth and Thickness		37	.44		37	.44	✓						
Side { Face Angles		6	3 1/2	.50	6	3 1/2	.50	✓					
(in Hold) { Lugs to Shell*		WELDED		WELDED		WELDED							
SIDE TANKS. { Depth and Thickness		40	.44		40	.44	✓						
{ Face Angles		6	3 1/2	.50	6	3 1/2	.50	✓					
{ Lugs to Shell*		WELDED		WELDED		WELDED							
BOTTOM { Depth and Thickness		40	.44		40	.44	✓						
Bottom { Face Angles		6	3 1/2	.50	6	3 1/2	.50	✓					
{ Lugs to Shell*		WELDED		WELDED		WELDED							
CENTRE TANKS { " " Back Bars		✓		✓		✓							
{ Brackets42			.42								
Spacing of Transverse Frames... * State if joggled or liners.		8'-9"			8'-9"								
Longitudinal Beams of A, L or C								Spacing.					
Bridge Deck ...		TRANSVERSE FRAMING AS PER PAGE 1. ✓											
Upper " ...		8	3 1/2	.38	8	3 1/2	.38	✓	33				
Second " ...													
Third " ...													
Transverse Beams.									Plate.	Face Angle.	Any departure from Approved Plans to be Noted.		
									29 x .42	6 x 3 1/2 x .40			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.

EQUIPMENT No. 45030												LETTER C.F.		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.					
47617	1st Bower	74	1	11	✓			56	0	0	0	✓	73½	BYERS IMPROVED STOCKLESS	✓	S. 30-4-45 F.W.D.
47674	2nd "	73	2	11	✓			55	15	0	0	✓	73½	D.	✓	S. 14-5-45 F.W.D.
	3rd "												72½			
	Collective weight	147	3	22									219½			
47676	Stream	27	1	21	✓	✓		26	15	0	0	✓	22	BYERS IMPROVED STOCKLESS	✓	S. 14-5-45 F.W.D.

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.			
			Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.		
	Fathoms	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.		
												TOWLINE	130	5 1/4	17 5/10	130	5 1/4		
3913	240	2 1/16	106 9/16	149 5/8	722-1-Y	890 1/4	300	2 1/16	STEEL LINK	✓	N. 31-1-45 JHR	HAWSERS & WARPS }	100	2 3/4	15 4/10	100	2 3/4		
													"	100	2 3/4	15 4/10	100	2 3/4	
												"	100	2 3/4	15 4/10	100	2 3/4		
a Stream or eel Wire	120	5		52 8/10			120	5				"	100	2 3/4	15 4/10	100	2 3/4		
												"	100	2 3/4	15 4/10	100	2 3/4		

Steering Gear, Type (Power or hand) 2 RAM STEAM-HYDRAULIC BY HASTIE + CO LTD. Alternative Means of Steering BLOCK AND TACKLE TO WINCH ON POOP DECK

Steering Chains (Size and Test) NONE Windlass STEAM BY EMERSON - WALKER LTD. BOATS 2 MOTOR 28.5 x 9.5 x 4.0

Sealing in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Cargo Hatchways. (Upper Deck) STEEL COAMINGS Thickness of Hatches HINGED STEEL COVERS.

Size of Hatchways No. 1 (Fwd.) FORWARD HOLD 10'-0" x 9'-0" No. 2 OIL HATCHES 4'-0" DIAMETER No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

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

Builder's Signature GLYTHSWOOD ENGINEERING CO., LTD. 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 Society's Rules and Regulations and the Surveyor's letter. The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans.

The workmanship and materials are good.

The cargo tanks, oil fuel bunkers, settling tanks, copperdams, fore peak tank, deep tank forward, after peak tank, and the double bottom tanks in the machinery space were tested as required by the Rules with satisfactory results.

Oil fuel is carried in the deep tank forward, oil fuel bunkers, and in the double bottom in the machinery space. The flash point of the oil fuel is above 150°F and the requirements of Section 20 of the Rules, where applicable, have been complied with.

Weather decks and collision bulkhead were hose tested and found in order.

Firework verified and marks cut in on vessel's sides. (OVER)

The amount of Entry Fee..... £ 11 : 0 : 0 Fees applied for, 29 NOV 1945

Special Survey Fee..... £ 608 : 2 : 0 Received by me, 19

SPECIFICATION. £ 152 : 0 : 10

Travelling Expenses, if any £ : ✓ : 19

FREEBOARD £ 19 : 0 : 0

State whether the Vessel has been built under Special Survey YES.

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

WITH THE SPECIAL NOTATION "CARRYING PETROLEUM IN BULK"

AND A SPECIAL NOTATION "LONGITUDINAL FRAMING AT BOTTOM & DECK"

Signature H. Merson Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GLASGOW Date of issue 31/1/46.

Committee's Minute GLASGOW 28 DEC 1945

Character assigned +100 A1 11/45

Carrying Petroleum in Bulk

Longitudinal Framing at Bottom & Deck.

Lloyd's Assoc. + LMC 11.45

Note: Equip & Elec. Wiring. 2 D.B. 150 lb. oil Eng.

Date of build 2024

Lloyd's Register Foundation

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 the Plans should be embodied.)

storing gear and mudders were tested under working conditions and found in order.
The anchors & cables are supplied in accordance with the Emergency Regulations

Copy of "Intense Certificate" is forwarded herewith.

The following plans and reports are forwarded herewith: viz.

(35 plans & 5 reports)

Vessel as built

Midship Section

Approved plans

1. Midship Section

2. Profile and deck plans

3. Bottom shell plating

4. Fore end framing

5. After end framing

6. Engine room framing

7. Typical upright bulkhead

8. Transverse bulkheads & stringers

9. Stringer corner connections

10. Peak bulkheads

11. Forward transverse bulkheads

12. Web frames & transverses

13. Connection of struts to web frames

14. Upper deck plating

15. Upper deck plating

16. Tank top & engine seating

17. Oil fuel bunkers

18. Shell at break of poop & forecastle

19. Boiler flat and stools

20. Engine & boiler casing

21. Upper bridge deck

22. Boat deck

23. Poop bridge & fore end bulkheads

24. Main pump room

25. Trunk to fore hold pump room

26. Reservoir for sea inlets

27. Welding list

28. Steering gear auto.

29. Auxiliary steering gear

30. Rudder & stemframe

31. Bilge & ballast piping

32. Bilge & ballast piping

33. Sumps & discharges

34. Sumps & discharges

Reports

Stemframe

Rudder

Rudder head

Tiller

Spare tiller

PARTICULARS OF ELECTRIC WELDING (if employed) BUTTS & SEAMS OF KEEL AND BOTTOM SHELL PLATING, BUTTS OF BILGE AND SIDE SHELL PLATING, BUTTS AND SEAMS OF DECK PLATING, LONGITUDINAL BULKHEAD TO SHELL AND DECK, TRANSVERSE BULKHEADS TO DECK, STRINGERS IN OIL TANKS TO SHELL AND BULKHEADS, BUTTS AND SEAMS OF TANK TOP PLATING IN MACHINERY SPACE, BOTTOM STRAKE OF TRANSVERSE BULKHEADS TO SHELL PLATING, BILGE BRACKETS TO SHELL PLATING, FRAMES TO BILGE AND DECK BRACKETS, CENTRE GIRDER KEEL PLATE IN OIL TANKS, BOTTOM TRANSVERSES TO SHELL PLATING, BULKHEAD STIFF BRACKETS TO SHELL & DECK, FLOORS AND GIRDERS IN MACHINERY SPACE, STRINGERS AT ENDS TO SHELL PLATING, DECK TANK TOP PLATING TO SHELL AND BULKHEADS, SUNDRY MINOR ITEMS.

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", "CRUISER STERN", "ECHO SOUNDING", "DIRECTION FINDER", "GYRO COMPASS", "1 DK & 2nd DK IN MACHINERY SPACE", "SUITABLE NOTATION IN RESPECT OF ELECTRIC WELDING" (1 BOWER ANCHOR & 60 FATHOMS OF CHAIN CABLE TO BE SUPPLIED).

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

1st Bower	INCLUDING ANS.	49-2-11.	J.H.J.	6676	12-1-45
2nd "		45-1-18	A.E.G.	7090	9-1-45
3 rd "		17-2-7	J.H.J.	6610	13-12-44.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.4 ft., R.Q.D. ✓ ft., Bridge 50.9 ft., Forecastle 49.0 (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 169,453. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 484.0 (Circ. 1703)

No. and Material of Decks 1 DK & 2nd DK IN MACHINERY SPACE

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

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
FEED TANK IN ENGINE ROOM	23.25	42.0 S.W.	Deep tank, aft,	22.5	150.0
Double bottom, if under Engines only,			Deep tank, forward,	16.0	86.5
Double bottom, if under Boilers only,			Other tanks, if fitted,	22.5	287.0
Double bottom, forward,			(If necessary furnish further information by sketch.)		
Total length (if continuous) and Capacity					

Order for Special Survey No. 6696

Date 30.4.43

Dates of Surveys held while building

1944 Aug 17, 23, 24, 28, 30, 31 Sep 1, 4, 5, 7, 8, 11, 12, 21, 22, 27 Oct 2, 3, 4, 5, 9, 10, 11, 16, 17, 18, 19, 20, 24, 27 Nov 2, 3, 7, 9, 10, 13, 20, 21, 28, 29, 30 Dec 4, 5, 8, 13, 19, 22, 25, 1945 Jan 4, 5, 10, 11, 12, 15, 16, 18, 19, 22, 24, 26, 29 Feb 1, 2, 6, 7, 9, 14, 15, 16, 24, 26, 28 Mar 5, 6, 8, 12, 13, 16, 20, 24, 25, 26, 27, 30 Apr 5, 9, 10, 11, 13, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 30 May 2, 3, 4, 7, 10, 11, 14, 15, 16, 17, 21, 22, 23, 24, 29, 30 Jun 1, 4, 6, 7, 8, 11, 12, 14, 15, 16, 18, 19, 20, 22, 25, 26, 27, 28, 29 Jul 2, 3, 5, 6, 9, 10, 11 Aug 1, 3, 9, 17, 23, 28 Sep 1, 12, 18, 27, 29 Nov 6, 21, 23.

Total No. of Visits 16