





# 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 .....								Stringer Plate, breadth and thickness in way of Bridge .....				✓	
" in 'tween Decks, Size and Spacing .....				Pillars				Thickness of Plating abreast Deck openings in way of Wells .....				✓	
" " " " " "				Fore & aft				Thickness of Plating abreast Deck openings in way of Bridge.....				✓	
" in Holds " " " "				as approved				Thickness of Plating within line of openings...				✓	
" " " " " "								If Sheathed, material and thickness.....				✓	
Longitudinal Centre Line Bulkheads p/s.								Third Deck. Scup Tank Top.					
Stiffeners and Spacing				1.0 A's spaced 33" apart.				Stringer Plate, breadth and thickness.....				38"	welded in panels
Plating, thickness of .....				1.50" & .44"				If Plated, state thickness .....				38"	
STRINGERS AND DECKS.								Fourth Deck.					
Uppermost Continuous Deck.								Stringer Plate, breadth and thickness.....					
Stringer Plate, breadth and thickness in Wells				81" 1.08" to .46"									
" " " " at ends								If Plated, state thickness.....					
" " " " in way of Bridge				81" 1.24"									
" Angle in Wells 6 in way of Bridge				8" x 8" x 90"									
Thickness of Plating abreast Deck openings in way of Wells .....				.94" .80" aft.									
Thickness of Plating abreast Deck openings in way of Bridge.....				✓									
Thickness of Plating within line of openings...				.84" .70" fore.									
If Sheathed, material and thickness.....				Not sheathed.									
Second Deck. in way of Scup Tanks fore.													
Stringer Plate, breadth and thickness in Wells				.34" varying width									

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.				
	AMIDSHIPS.		FORWARD.	AFT.	SINGLE OR DOUBLE.	RIVETS.		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		Diam.	Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS.
Flat Plate Keel.....	88	1.02	.88	.88		Inches.	Inches.		STRAPPED OR LAPPED.
" Dblg. (if any)		✓	✓	✓					
Bottom Plating, No. of Strakes .....		.86	.56	.59					
Bilge Plating, No. of Strakes .....		.86	.61	.62					
Side Plating, No. of Strakes .....		.86	.73	.73					
Upper Deck, Sheer-strake in Wells.....	80	1.07	.55	.55					
Upper Deck, Sheer-strake in Bridge ...		1.31	✓	✓					
Strake below Sheer-strake in Wells.....	70	.93	.55	.55					
Strake below Sheer-strake in Bridge ...		.93	✓	✓					
Poop Side Plating.....	✓	✓	✓	.50 to .44					
Bridge Side Plating.....	✓	.50 fore end.	✓	✓					
Forecastle Side Plating	✓	.70 aft end.	✓	✓					

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c) .....				
" Deck next below .....				
As per Rule .....				
STIFFENERS.	VERTICAL.			
	Scantlings.	Spacing.	Scantlings.	Spacing.
	Plating Thickness.	Scantlings.	Spacing.	Scantlings.
<i>In way of No 5 cargo tank</i> MIDSHIP BULKH'D, Upper 'tween decks	50" x 43"	9" x 4" x 40"	32"	10" x 30" x 44"
" " Second "	50" x 43"	9" x 4" x 40"	32"	10" x 30" x 44"
" " Third "	50" x 43"	9" x 4" x 40"	32"	10" x 30" x 44"
" " at wings	50" x 43"	9" x 4" x 40"	32"	10" x 30" x 44"
" " Hold	50" x 43"	9" x 4" x 40"	32"	10" x 30" x 44"
COLLISION " (in Hold) FR. 192	59" x 26"	7" x 3" x 36"	28" x 23"	8" x 3" x 40"
AFTER PEAK "	FR. 10 & 11	44" x 33"	✓	7" x 3" x 38"

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	Flat Plate			
STEM .....	Upper portion contour plate, lower portion 11" rollers			
STERN FRAME { Propeller Post .....	Cast Steel			
{ Rudder " .....	As approved			
Speed of Vessel .....	13 1/2 knots			
RUDDER—Type .....	Double plate			
" A x D.....	740			
" Diam. of head .....	13 3/4			
" Mainpiece at top pintle .....	Forging - Barlington Forge			
" " heel .....	Fabricated double plate			
" how constructed .....	with cast steel arms & with forged steel pint			
" double or single plate .....	double .62			
" coupling, vertical or horizontal .....	Vertical scaph.			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) .....	
	Steel Co. of Scotland; Best Keen & Baldwin; Bairds & Scottish Steel Ltd; Lanarkshire Steel Co.; Skinningrove Iron Co.; Calveley; Sorman Long; Cargo Steel Iron Co.; (Shuman's Works) open hearth process	
	Has the Steel been tested as required by the Rules? .....	



Rpt. 1\*.

# PARTICULARS OF LONGITUDINAL FRAMING. AT BOTTOM & SHELL

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.
Numbering of L, L or C .....												
Number of Transverses in Bridge 'tween Decks ...												
Number of Transverses from Uppermost Continuous Deck												
No. 1												
" 2												
" 3												
" 4												
" 5												
" 6												
" 7												
" 8												
" 9												
" 10												
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
Spacing of Longitudinal Frames	Amidships			At Ends								
Longitudinals	Top			Bottom								
Longitudinals	Amidships			At ends								
Transverses.												
Depth and Thickness												
Face Angles												
Lugs to Shell*												
Depth and Thickness												
Face Angles												
Lugs to Shell*												
Depth and Thickness												
Face Angles												
Lugs to Shell*												
Back Bars												
Brackets												
Spacing of Transverse Frames												
* State if joggled or liners.												
Longitudinal	Bridge Deck											
Upper												
Second												
Third												

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.

Kada. J.Y.C. E.S.D. U.T.

008751-008752-0062

© 2020

Lloyd's Register  
Foundation



EQUIPMENT No. 60766

LETTER 67

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.			
31123	1st Bower	122	1	21	Stockless			75	13	3	0	104-2-0	Bynch proved	L.P.H.W. 10/11/50 R.J. Vogan.
31122	2nd "	121	3	7	Stockless			75	7	2	0	104-2-0	do.	L.P.H.W. 10/11/50 R.J. Vogan.
31118	3rd "	104	0	0	Stockless			68	15	0	0	89-0-0	do.	L.P.H.W. 9/11/50 R.J. Vogan.
	Collection weight	348	1	0								298-0-0		
30974	Stream	45	0	0	Stockless			39	5	0	0	31-0-0	Bynch proved	L.P.H.W. 5/9/50 R.J. Vogan.

## 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.	Statutory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
13571	225 3/8	2 3/4	181	253 1/2	918-1-14	1317		330	2 1/2	Special Steel Taysco	Samuel Taylor & Sons	L.P.H.N. 26/2/51	TOWLINE HAWSERS & WARPS	130	6 1/2	112-30	130	6 1/2
13572	228 1/3	2 3/4	181	253 1/2	940-3-7					Special Steel Taysco	(Overley Hill) Ltd.	L.P.H.N. 26/2/51		120	6 1/2	21-10	120	6 1/2
	453+										H. Murphy			20	2 3/4	21-10	20	2 3/4
														120	6 1/2	21-10	120	6 1/2
Iron Stream Chain or Steel Wire	120	5 1/2		84-4				120	5 1/2					120	6 1/2	21-10	120	6 1/2

Steering Gear, Type (Power or hand) Messrs J. Haskie's Electric Hydraulic

Alternative Means of Steering

Two Motors & Pumps

Steering Chains (Size and Test)

None

Windlass

Emerson & Walker

Boats

Steel { 3 @ 24'-0" x 8'-0" x 3'-4"  
1 motor 24'-0" x 8'-0" x 3'-4"

Ceiling in Holds, thickness and material

Cargo Battens, thickness, material and spacing

Cargo Hatchways.—(Upper Deck) 27 cargo hatchways 4'-0" dia. coaming 12" x 50"

Thickness of Hatches

50" Steel, linged.

Size of Hatchways No. 1 (Fwd.)

No. 2

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

None fittedFOR AND ON BEHALF OF  
CAMMELL LLOYD & CO. LIMITED.

Builder's Signature

TECHNICAL MANAGER  
SHIPBUILDING DEPT.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 Yes.(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Oil Tanker. 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 ship has been built under special survey in conformity with the Society's Rules & Regulations and the Secretary's letters. The scantlings and arrangements of the ship are as given in the Report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with or by standards equivalent to, the Rule Requirements. The plans of Midship section & Profile & Becks showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order. The materials and workmanship are good. All Main Cargo Tanks, cofferdams, Peaks, deep & double bottom tanks, also decks, bulkheads, steel hatches & watertight doors have been tested in accordance with the Rules. The ship is designed to carry oil fuel in the deep tanks forward, in deep tanks forward end of engine rm, and in the forward end of double bottom in the engine rm. The flash point of the oil fuel is above 150°F. The fireboard marks have been cut in and painted on the ship's sides and verified. The steering gear and windlass have been tested under working conditions and found satisfactory.

The amount of Entry Fee..... £ : : Fees applied for, 27 SEP 1951

(Special notations, where part of class, to be stated.)

Special Survey Fee..... £ 1578. 0. 0

Freeboard Hsgl.

36. 0. 0

Received by me,

Travelling Expenses, if any ..... £ : : 19

We are

of opinion the Vessel should be Classed +100A1 Carrying Petroleum in Bulk Longitudinal framing at Bottom and deck.

State whether the Vessel has been built under Special Survey

Yes.

Signature

Harry S. Newton L.S. Phillips  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

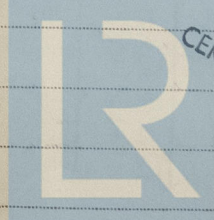
Date of issue

21/11/51

Committee's Minute

LIVERPOOL - 2 OCT 1951

Character assigned

+100A1 Carrying Petroleum in Bulk8.51 BKN. Fitted for Oil fuel 8.51 J.P. above 150°F.Lloyds A.C.P. + LMC 8.51 C.L. N.T.B. F.D.Rasa. S.V.C. E.S.D. D.F.CLASSIFICATION  
CERTIFICATES WRITTEN  
Lloyd's Register  
Foundation

008751-008752-0062

3/3



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.)

Longing Certificates for Sternframe, Rudder Stock & Arms & Tiller are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welded throughout except the following items which are riveted:—Seams of shell plating, strakes "D" to "E", "E" to "F" and "F" to "G", deck stringer angles, side frames to shell, Bridge & Forecastle deck beams, Bilge keel to shell flat bar, Stem bar and sternframe connections to shell.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
Fitted for oil fuel 8.51. F.P. above 150°F; Lloyds A&C.P.; Mch. Aft.;  
Pt. elec. welded; Radar; Brunel Stern; Gyro Compass; E.S.O.  
D.F.

RADAR Equipment (State if fitted) *Yes*  
State Type or Pattern No.  
State } Maker *Messrs Marconi*  
Name } and/or *Messrs Marconi*  
of } Supplier

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower <i>69 cwt 2 qrs 7 lbs</i>	D.P. N°1820	3.10.50	wt. of Head. <i>77 cwt 0 qrs 14 lbs.</i>
	2nd " <i>69 " 2 " 0 "</i>	D.P. N°1817	3.10.50	76 " 2 " 21 lbs.
	3rd " <i>59 " 2 " 10 "</i>	K.F. N°1600	26.5.50	66 " 0 " 21 lbs.
	<i>Stream 25 " 2 " 9 "</i>	A.E.G. N°1720	28.7.50	28 " 1 " 21 lbs. ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *121.00* ft., R.Q.D. ✓ ft., Bridge *45.00* ft., Forecastle *78.75* ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓  
Official No. Signal Letters *L.U.A.W.* Extreme Breadth over Belting *No belting* Over-all Length *566'-1"*  
(Circ. 1611) (Circ. 1703)  
No. and Material of Decks *One; Steel*  
Parts of Bottom of Vessel coated with cement or approved composition *In Peaks only (Cement.)*  
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.		SALT. Water Capacity.		Where Fitted.		Length.		SALT. Water Capacity.	
		Feet.	Tons.					Feet.	Tons.		
Double bottom, aft, <i>D.B. FEED WATER TANK</i>		<i>67.50</i>	<i>119.70</i>			Fore peak tank,		✓	<i>310.80</i>		
Double bottom, under Engines and Boilers <i>Coff (40-1)</i>		<i>2.50</i>	✓			After peak tank,			<i>190.40</i>		
Double bottom, if under Engines only, <i>P.F.S. OIL FUEL D.B.</i>		<i>22.50</i>	✓			Deep tank, aft, <i>DOMESTIC R.W. TANK FRS 2-17</i>		<i>33.50</i>	<i>307.00</i>		
Double bottom, if under Boilers only,						Deep tank, forward, <i>FRS. 172-192</i>		<i>46.00</i>	<i>922.70</i>		
Double bottom, forward,						<i>FEED WATER TANK AFT. FRS. 11-17.</i>		<i>15.00</i>	<i>211.90</i>		
Total length (if continuous) and Capacity		<i>92.50</i>	<i>119.70</i>			(If necessary furnish further information by sketch.)					

Order for Special Survey No. *1386*  
Date *21/10/49*  
Dates of Surveys held while building *31/5/50 to 27/8/51*  
Total No. of Visits *143*

No S.S.O.F. available.

