

STEEL STEAMER OR MOTORSHIP.

21 JUL 1951

Received at London Office

State if Report has been sent on the Freeboard of the Vessel. Yes.

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

Date of completion of report 18th July, 1951. Port of PLYMOUTH No. 8116

Survey held at DARTMOUTH. Date First Survey 17. 5. 51. Last Survey 19th June, 1951.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Tanker "LANDAK"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Poop & Forecastle

TONNAGE under 205.91
Tonnage Deck ...Do. of space or spaces
between Tonnage Dk.
Upper Dk.

Tonnage 297.15

Net Tonnage 73.31

REGISTERED DIMENSIONS.

FEET

133.5

24.6

8.35

+ 100 A.1. Carrying Petroleum in Bulk

CLASS for Malayan Coastal Services

State if with freeboard 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 128.5

Breadth (greatest moulded) B 24.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 9.625

1st Longitudinal Number (L x D) = 1237

2nd Numeral L x (B + D) = 4385

Framing Depth "d," at middle of length. See Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.35

Do.

Long Bridge to top of keel

Draught Moulded 8.8

Built at Dartmouth

Launched 9th February, 1951. Yard No. 1220

Builders Philip & Son Ltd.

Owners The Shell Co. of Singapore Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Singapore

If surveyed while building, afloat, or in dry dock

While Building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships Throughout	21" ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead			" " Reversed Frame		
" except in peaks Cross Bunker	18" ✓		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, 1/4"	5 3 .30 ✓		" " top Angles		
" " Extends up to	Main dk. ✓		" " bottom Angles		
Reversed Frame Amidships, Angle	None ✓		Side Girders, No. each side and thickness		
" " Extends up to	--		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5" ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	- - -		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or [	- - -		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem Angle	5 3 .30 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle 1/4"	4 2 1/2 .32 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" x 6 & 7 ✓		Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No ✓		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As Appd. ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As Appd. ✓		BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, 1/4"	5 x 3/8 Flats ✓	
Floors, Depth and thickness at mid-line in Hold, Engine Room	21" x .30 ✓		" " in way of Bridge, Angle, [or [- - -	
Height of Brackets at side above base line at toe of frame	12" ✓		Spacing	21" ✓	
Middle Line Keelson, on Floors, Angles, [or [			Second Deck, amidships, Angle, [or [
" " Through Plate or Inter-costal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or [
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	One ✓		Fourth Deck, amidships, Angle, [or [
" " thickness of Inter-costal Plate	.28" ✓		Spacing		
" " Angles	Welded ✓		Poop Deck, Angle, [or [
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or [
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [or [
" " breadth and thickness at margin plate			Spacing		

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	-	-	-		Thickness of Plating abreast Deck openings in way of Wells	-	-	-
„ „ „ „ „	-	-	-		Thickness of Plating abreast Deck openings in way of Bridge	-	-	-
„ in Holds „ „ „	-	-	-		Thickness of Plating within line of openings	-	-	-
„ „ „ „ „	-	-	-		If Sheathed, material and thickness	-	-	-
Centre Line Bulkhead.	21" spacing				Third Deck.			
Stiffeners and Spacing	4 1/2 x 2 1/2 x .30 ✓				Stringer Plate, breadth and thickness	-	-	-
Plating, thickness of .....	.30" ✓				If Plated, state thickness	-	-	-
STRINGERS AND DECKS.					Fourth Deck.			
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness	-	-	-
Stringer Plate, breadth and thickness in Wells	51 .36 ✓				If Plated, state thickness	-	-	-
„ „ „ „ in way of Bridge					Poop Deck.			
„ Angle in Wells	4 1/2 x 4 1/2 x .36 ✓				Stringer Plate, breadth and thickness	60" .25 ✓		
Thickness of Plating abreast Deck openings in way of Wells Main Deck .....	.32 ✓				Plating, Sheathing, material and thickness .....	.25 Wood Sheathing ✓		
Thickness of Plating abreast Deck openings in way of Bridge Poop	- - -				Boat Deck.			
Thickness of Plating within line of openings .....	.32" ✓				Stringer Plate, breadth and thickness	54" .25 ✓		
If Sheathed, material and thickness	- - -				Plating, Sheathing, material and thickness .....	.25 Wood Sheathing ✓		
Second Deck.					Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells	- - -				Stringer Plate, breadth and thickness	44" .25" ✓		
					Plating, Sheathing, material and thickness .....	.25 ✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?			No. of Rows of RIVETS.	RIVETS.		STRAP LAPPS
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.					
							Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			
Flat Plate Keel.....	37" ✓	.42 ✓	Constant ✓									
„ Dblg. (if any)		Nil ✓										
Bottom Plating, No. of Strakes One	85"	.34 ✓	.30 ✓	.32 ✓								
Bilge Plating, No. of Strakes One	66"	.34 ✓	.28 ✓	.28 ✓								
Side Plating, No. of Strakes One		.34 ✓	.28 ✓	.28 ✓								
Upper Deck, Sheer- strake in Wells.....		.38 ✓	.25 ✓	.28 ✓								
Upper Deck, Sheer- strake in Bridge ...	-	-	-	-								
Strake below Sheer- strake in Wells.....	-	-	-	-								
Strake below Sheer- strake in Bridge ...	-	-	-	-								
Poop Side Plating.....		.25 ✓	Constant ✓									
Bridge Side Plating.....	-	-	-	-								
Forecastle Side Plating	37"	.25 ✓	Constant ✓									
ALL WELDED.												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
 Main Deck (Sec. 3 c)

Extending to Upper Deck (Sec. 3 c)

Deck next below

As per Rule Three

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.		Spacing.		Scantlings.		Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks									
„ „ Second „									
„ „ Third „									
„ „ Hold Tanks .....	.30	4 x 2 1/2 x .30	22" ✓	-	-				
COLLISION „ (in Hold) .....	.30	4 1/2 x 3 x .30	24" ✓	-	-				
AFTER PEAK „ .....	.30	5 x 8 flats	24" ✓	-	-				

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Plans to be Noted.
KEEL, Bar	None			
STEM	Soft Nose 1.3 Forster			
STERN FRAME { Propeller Post	Forging 6x3 ✓			
{ Rudder „	- - -			
Speed of Vessel	10 Knots			
RUDDER—Type	Semi-balanced			
„ A x D	26.84			
„ Diam. of head	4 1/2 ✓			
„ Mainpiece at top pintle	3 1/2 x 3 1/2 ✓			
„ „ heel	" ✓			
„ how constructed	Welded ✓			
„ double or single plate	Single Plate ✓			
„ coupling, vertical or	Horizontal ✓			
„ horizontal	Horizontal ✓			

STEEL.

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

Applby Frodingham

Has the Steel been tested as required by the Rules?

Lloyd's Register Foundation

Pattern

HAWSERS AND WARPS.

Builder's Signature

FOR PHILIP & SON, LIMITED

LaRue
MANAGING DIRECTOR

The workmanship and materials are good. All tanks have been tested in accordance with the Rules and the decks, bulkheads and shell hose tested and found tight and satisfactory.

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

I am of opinion the Vessel should be Classed + 100 A.1. Carrying Petroleum in Bulk. "For ~~Malesian~~ Coastal Service"

Signature _____
Successor to Lloyd's Register of Shipping.

tificate ~~to be~~ sent to PLYMOUTH.

Date of issue 4/9/51

FRI. 17 AUG 1951

+100A1 "Carrying Petroleum in bulk"
"For Malayan Coastal Service"

Lloyd's A & C P.

+ LMC 6.51 Oil Eng
C.L.

Write By (h)

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CLASSIFICATION
CERTIFICATES WRITTEN
Lloyd's Register
Foundation
002157-002164-00962 1/2

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 are forwarded herewith:—

Steelwork, Profile & Decks,
Structural Sections
Sternframe & Rudder
Shell Expansion
Details of Stem
Details of Minor Bulkheads & Casings
Sketch of Doubling in Way of Manholes to Cross Bunkers
Welding Schedule
W.T. Bulkheads
Oiltight Bulkheads 22, 24, 28, 48, 57, & 59
Diagrammatic Arrgt. of Bilge, Ballast & S.W. Cooling Systems
Engine Seatings

PARTICULARS OF ELECTRIC WELDING (if employed) Hull of all Welded Construction - Frames rivetted to Shell- Stringer Bar rivetted to Sheerstrake and Deck -

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Carrying Petroleum in Bulk for Malayan Coastal Service.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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

1st Bower 5 cwt. ✓ A.E.G. 9216 24.1.47.
2nd „ 4 cwt. 3 qrs. 25lbs. A.E.G. 40 27.2.48.
3rd „ 41.75

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 47.25 ft., R.Q.D. — ft., Bridge — ft., Forecastle 11.6

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

Official No. Signal Letters Extreme Breadth over Belting 25' 1 1/2" Over-all Length 141' 4 1/2"
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Three M.S. Poop & Boat Decks Wood Sheathed

Parts of Bottom of Vessel coated with cement or approved composition Cement in Fore & Aft Peaks only.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	13.50	25.1
Double bottom, under Engines and Boilers,			After peak tank,	16.396	28.6
Double bottom, if under Engines only,			Deep tank, aft,	—	—
Double bottom, if under Boilers only,			Deep tank, forward,	14.00 ✓	79.1
Double bottom, forward,			Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)	—	—

Order for Special Survey No. 60

Date 9. 9. 49.

Dates of Surveys held while building

1950. May. 17, 24, 31; June. 7, 14, 22, 28; July. 5, 12; Aug. 9, 16, 23; Sept. 6, 20, 27; Oct. 4, 11, 18, 26; Nov. 1, 8, 16, 20, 29; Dec. 6, 12, 20, 28;
1951. Jan. 3, 11, 17, 24, 26, 31; Feb. 5, 9; Mar. 2, 7, 14, 28; Apr. 18; May. 2, 23, 30; June. 6, 11, 13, 19.

Total No. of Visits 5

Lloyd's Register Foundation