

## STEEL STEAMER or MOTORSHIP.

DISCLOSED

Received at London Office

17 APR 1946

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

No. 795

67403

Date of Completion of Report

20<sup>th</sup> Feby 1946

Port of

SYDNEY N.S.W. No. 20422

Survey held at

SYDNEY N.S.W.

Date First Survey

8<sup>th</sup> Feby

Last Survey

19<sup>th</sup> Feby 1946

On the (if Single, Twin or Triple Screw)

Tvl. Sc. M.V. "TANDJONG OEBAN"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections File &amp; P.Q. Dr.

TONNAGE under Tonnage Deck

149.86

CLASS 100A - State if with freeboard as condition of Class

NO

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 115.75

Breadth (greatest moulded)

B 24.0

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

D 9.0

1st Longitudinal Number (L x D)

= 1042

2nd Numeral L x (B + D)

= 3820

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

7.42

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

12.86

Do. Long Bridge to top of keel

9.65

Draught Moulded

Built at Commonwealth Govt

Shiphurst, Establishment N°4

Launched 5 July 1945 Yard No. 2065

Builders As above

(N.K.R.M.)

Owners Nederlandsche Koloniale Petroleum Maatschappij

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry THE HAGUE

If surveyed while building, afloat, or in dry dock

Afloat &amp; in Dry Dock

## REGISTERED DIMENSIONS.

FEET

116.3

23.0

7.7

## 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
Spacing amidships	21" ✓		Bracket Floors, Frame		
from $\frac{1}{4}$ length amidships to Collision bulkhead	21" ✓		Reversed Frame		
in peaks	18" ✓		Vertical Struts		
AMIDSHIPS, Angle, $\square$ or $\square$	4 x $\frac{1}{4}$ flats ✓		Centre Girder, depth and thickness amidships		
Extends up to	Upper Dr.		top Angles		
Frames Amidships, Angle 18 x $\frac{1}{4}$	every 5 spaces		bottom Angles		
Extends up to	Upper Dr.		Side Girders, No. each side and thickness		
of Framing Girder	4"		Margin Plate depth (excl. of flange) and thickness		
in Uppermost Continuous 'tween Decks, Angle, $\square$ or $\square$	✓		Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Second 'tween Decks, Angle, $\square$ or $\square$	✓		Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
Third " " " "	✓		Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	4 x $\frac{1}{4}$ flats ✓		Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
in Peaks, Angle or $\square$	4 x $\frac{1}{4}$ flats ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	31 1/2 x 1/2	
eter and Spacing of Rivets through Frame and Shell Plating amidships	Welded		INNER BOTTOM PLATING.		
if Frame Joggled	no		Breadth and thickness of Middle Line Strake	5 1/2 welded	see
the scantlings and arrangements in the Stiffening Area in accordance with the Rules or as approved?	As approved ✓		Thickness of remainder in Holds	plates fitted	letter
the scantlings and arrangements in way of the Bottom Forward in accordance with Rules and/or as approved?	As approved ✓		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?	on floor tops in hold, between keelson top plates & extending over bulkheads	
BOTTOM.			BEAMS.		
Depth and thickness at mid-line in Holds	18 x 1/4 fl 2 1/2 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, $\square$ or $\square$	5 x 3/8 flats ✓	
Height of Brackets at side above base line at toe of frame	31 1/2 ✓		in way of Bridge, Angle, $\square$ or $\square$	3 x 1/2 flats ✓	
Line Keelson, on Floors, Angles, $\square$ or $\square$	24 x 3/8 ✓		Spacing	every ✓	
Through Plate or Intercostal Plate	18 x 3/8 welded		Second Deck, amidships, Angle, $\square$ or $\square$	✓	
Foundation Plate on Floors	✓		Spacing	✓	
Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, $\square$ or $\square$	✓	
Keelsons, No. each side	One		Spacing	✓	
thickness of Intercostal Plate	4 x 3/8		Fourth Deck, amidships, Angle, $\square$ or $\square$	✓	
Angles	1/4 welded ✓		Spacing	✓	
BOTTOM.			P.Q. Peep Deck, Angle, $\square$ or $\square$	5 x 3/8 flats ✓	
Floors, thickness and spacing			Spacing	every ✓	
Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, $\square$ or $\square$	✓	
Bracket Floors, breadth and thickness at middle line			Spacing	✓	
breadth and thickness at margin plate			Forecastle Deck, Angle, $\square$ or $\square$	5 x 3/8 flats ✓	
			Spacing	every ✓	

## PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP		Any Departure from Approved Plans to be Noted	Stringer Plate, breadth and thickness in way of Bridge	INCHES IN SHIP		Any Departure from Approved Plans to be Noted
	Breadth	Thickness			Breadth	Thickness	
" 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. Stiffeners and Spacing				Third Deck. Stringer Plate, breadth and thickness			
Plating, thickness of				If Plated, state thickness			
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells				Fourth Deck. Stringer Plate, breadth and thickness			
" " " " in way of Bridge				If Plated, state thickness			
" Angle in Wells				Peep Deck. Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells				Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge				Bridge Deck. Stringer Plate, breadth and thickness			
Thickness of Plating within line of openings				Plating, Sheathing, material and thickness			
If Sheathed, material and thickness				Forecastle Deck. Stringer Plate, breadth and thickness			
Second Deck. Stringer Plate, breadth and thickness in Wells				Plating, Sheathing, material and thickness			

## SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		RIVETING.				
	AMIDSHIPS		FORWARD	AFT		State if jogged?	SINGLE OR DOUBLE	RIVETS		No. of Rows of Rivets	BUTTS.	
	Breadth Inches	Thickness Inches	Thickness Inches	Thickness Inches				Diam. Inches	Spacing cr. to cr. Inches		Diam. Inches	Spacing cr. to cr. Inches
FLAT PLATE KEEL	48	7/16	3/8	3/8								
" DBLG. (in any)		none										
BOTTOM PLATING, No. of Strakes	60	3/8	5/16	5/16								
BILGE PLATING, No. of Strakes		5/16	1/4	1/4								
SIDE PLATING, No. of Strakes	52 1/2	5/16	1/4	1/4								
UPPER DECK. Sheer-strake in Wells	48	3/8	5/16	5/16								
UPPER DECK. Sheer-strake in Bridge												
STRAKE BELOW Sheer-strake in Wells		see side shell										
STRAKE BELOW Sheer-strake in Bridge		5/16		1/4								
R.Q. POOP SIDE PLATING												
BRIDGE SIDE PLATING												
FORECASTLE SIDE PLATING												

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4
Extending to Upper Deck (Sec. 3 c)	2
" Deck next below	2
As per Rule	3

## FORGINGS and CASTINGS.

	Casting or Forging	Scantlings	Maker's Name	Any Departure from Approved Plans to be Noted
KEEL, Bar		6x3x3	welded	
STEM		plak 3/8	6x3x3	flat
STERN FRAME		none	1/4" webs	
Propeller Post				
Rudder				
Speed of Vessel		8 1/2 knots		
RUDDER—Type		ole plak	fabricated	
" A x D		56	see letter	
" Diam. of head		3 3/4		
" Mainpiece at top pintle		6"	solid	
" heel			drawn pipe	
" how constructed			welded plates	
" double or single plate			double	
" coupling, vertical or horizontal			horizontal	

## STIFFENERS.

	Plating Thickness	STIFFENERS.			
		VERTICAL		HORIZONTAL	
		Scantlings	Spacing	Scantlings	Spacing
MIDSHIP BULKH'D, Upper tween decks					
" " Second					
" " Third					
" " Holds	12	1/4 x 5/16	24"	4 x 3 x 3/8	24"
COLLISION " (in Hold)	60	1/4 x 5/16	24"	4 x 3 x 3/8	24"
AFTER PEAK "	4	1/4 x 5/16	18"	4 x 3 x 3/8	18"

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Broken Hill Pty. Co. Ltd. - Newcastle N.S.W.*

Has the Steel been tested as required by the Rules?

*Maker's certificate supplied. Steel appears of good quality.*

Lloyd's Register  
Foundation

CHAIN CABLES.										HAWSERS AND WARPS.							
Date	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	Breaking	Supplied	Per Rule	Length	Diam					Length	Cir.		Length	Cir.
	Fathoms	Ins.	Tons	Tons	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons	Fathoms	Ins.
Team or Wire																	
												TOWLINE					
												HAWSERS & WARPS					
												"					
												"					
												"					

No ceiling fitted ?  
No cement laid on bottom ?

Committee's Minute

Character Assigned

Record: 100A - For Wasting Service Malay Peninsula & Netherlands East Indies  
(Classification contemplated)  
2.46 Syd  
Examined 2.46

Write Syd (hbm)  
N.Y.K.

Lloyd's Reg 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 as a List of the Plans should be embodied.)

- No Sister Vessel classed.
- Following Plans now forwarded:— (U.S.C.)
- ✓ Keel & Centre girder
  - ✓ Fore End Framing
  - ✓ After "
  - ✓ General Arrangement
  - ✓ W.T. tank top
  - ✓ Bulkhead plan
  - ✓ Rudder
  - ✓ Main Deck
  - ✓ Poop & Fore Decks
  - ✓ Cargo Hatchway
  - ✓ Wheel & Deck house
  - ✓ Hull plan

4 other Plans

PARTICULARS OF ELECTRIC WELDING (if employed)

Electric welding employed throughout  
Stated electrodes employed are of approved types ✓

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

Machy aft

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

1st Bower ✓  
2nd " ✓  
3rd " ✓

See letter 7/8/06.

33.25 on F.W. R.P.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 35.62 ft., Bridge ✓ ft., Forecastle 19 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 P.H.W.N. Extreme Breadth over Belting 25.6' Over-all Length 123.5' (Circ. 1611) (Circ. 1703)

No. and Material of Decks One clc (ste)

Parts of Bottom of Vessel coated with cement or approved composition All structure coated with paint except F.W. where cement washed.

Particulars of composition (if fitted) and of approval

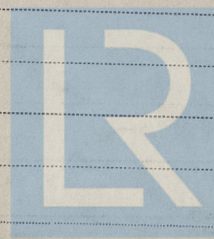
PARTICULARS OF WATER BALLAST:— (Comprising all tanks which may be used for Water Ballast. (Circ. 1284). Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.

Where Fitted	Length Feet	Water Capacity Tons	Where Fitted	Length Feet	Water
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After Peak Tank,		
Double bottom, if under Engines only,			Deep tank, aft,	F.W.	12.25
Double bottom, if under Boilers only,			Deep tank, forward,		
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.

Date

Dates of Surveys held while building



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Total No. of Visits