

RECEIVED

- 5 NOV 1947

## STEEL STEAMER or MOTORSHIP.

Received at London Office

1 OCT 1947

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 10<sup>th</sup> Sept 1947 Port of SYDNEY N.S.W. No. 21,148  
 Survey held at SYDNEY N.S.W. Date First Survey 2<sup>nd</sup> Oct 1946 Last Survey 9<sup>th</sup> Sept 1947  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin screw motor vessel "PANT" machinery fitted aft.  
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections FCSLE & R.Q. DK.

TONNAGE under  
Tonnage DeckDo. of space or spaces  
between Tonnage  
Dk. and Upper Dk.

Total

Gross Tonnage 209.63

Register Tonnage 113.04

REGISTERED DIMENSIONS.  
FEET

Length 115.1

Breadth 24.0

Depth 7.7

CLASS 180 A1

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 L 115.75  
Sec. 3 (1a)

Breadth (greatest moulded) B 24.0

Depth, at middle of length from top of keel to  
top of beam at side of uppermost con-  
tinuous 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) 7.42Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel 12.86  
Do. Long Bridge to top  
R.Q. DK. of keel 9.65

Draught Moulded 7.98

Built at Melbourne Victoria

Launched 1945 Yard No. 44

Builders Johnsons Lane Foundry Ltd.

Owners The Anglo Saxon Petroleum Co. Ltd.

Managers  
(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Sydney N.S.W.

If surveyed ~~while~~ after building, afloat, or in dry dock

Afloat and in Dry Dock

## 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	21		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	18		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	4 x $\frac{1}{4}$ Plats		" " top Angles		
" " Extends up to			" " bottom Angles		
WEB Reversed Frame Amidships, Angle 18 x $\frac{1}{4}$ every 5 spaces			Side Girders, No. each side and thickness		
" " Extends up to	Upper deck		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, C or F			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, C or F			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	4 x $\frac{1}{4}$ Plats		Tank Side Brackets, height above base line at toe of Frame and thickness	3 1/2 x $\frac{1}{4}$	
" " in Peaks, Angle or F	4 x $\frac{1}{4}$ Plats		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	Welded		Breadth and thickness of Middle Line Strake	5/8 welded plates	
State if Frame Joggled	No		Thickness of remainder in Holds	fitted on floors and extending over bilge brackets in hold as per plan	
Are the scantlings and arrangements in the Panting Area in accordance with the 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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As approved		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in } Wells, Angle, E or F	5 x 3/8 Plats	
Floors, Depth and thickness at mid-line in Holds	18 x 1/4 Hgd 2 1/2		" " in way of Bridge, Angle, E or F 1/2 BEAMS.	3 x 1/4 Plats	
Height of Brackets at side above base line at toe of frame	3 1/2		Spacing	every	
Middle Line Keelson, on Floors, Angles, C or F	24 x 3/8		Second Deck, amidships, Angle, C or F		
" " Through Plate or Intercostal Plate	18 x 3/8 Welded		Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, C or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	ONE		Fourth Deck, amidships, Angle, C or F		
" " thickness of Intercostal Plate	4 x 3/8		Spacing		
" " Angles	1/4 WELDED		Poop Deck, Angle, C or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			R.Q.		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F	5 x 3/8 Plats	
Bracket Floors, breadth and thickness at middle line			Spacing	every	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	5 x 3/8 Plats	
			Spacing	every	



## 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
<b>PILLARS,</b> No. of Rows .....	<i>Counterlever Brackets</i>		Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing .....	<i>in lieu. ✓</i>		Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „ .....	<i>4" dia. tube pillars at corners of hatchways. ✓</i>		Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „ .....			Thickness of Plating within line of openings		
„ „ „ „ „ .....			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing .....	✓		Stringer Plate, breadth and thickness .....		
Plating, thickness of .....	✓		If Plated, state thickness .....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness .....		
Stringer Plate, breadth and thickness in Wells .....	<i>33" x 3/8" ✓</i>		If Plated, state thickness .....		
„ „ „ „ in way of Bridge .....	✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	<i>welded ✓</i>		Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings in way of Wells	<i>5" / 16 ✓</i>		Plating, Sheathing, material and thickness .....		
Thickness of Plating abreast Deck openings in way of Bridge	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings .....	<i>5" / 16 ✓</i>		Stringer Plate, breadth and thickness .....	<i>33" x 3/8" - 1/4" ✓</i>	
If Sheathed, material and thickness .....	<i>None ✓</i>		Plating, Sheathing, material and thickness .....	<i>5" / 16 ✓ See Order 29.1.48 None. ✓</i>	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells .....	✓		Stringer Plate, breadth and thickness .....	<i>30" x 3/8" - 5" / 16 ✓</i>	
Plating, Sheathing, material and thickness .....			Plating, Sheathing, material and thickness .....	<i>5" / 16 ✓ See Order 29.1.48 None</i>	

## SHELL PLATING.

SCANTLINGS.				RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS		FORWARD	AFT		State if jogged?	SINGLE OR DOUBLE	RIVETS		No. of Rows of Rivets	RIVETS		STRAIPPED OR LAPPED
	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)		✓											
BOTTOM PLATING, No. of Strakes ONE	60"	3/8"	5/16"	5/16"									
BILGE PLATING, No. of Strakes ONE		5/16"	1/4"	1/4"									
SIDE PLATING, No. of Strakes ONE	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													
POOP SIDE PLATING													
R.Q. SIDE PLATING		5/16"	-	1/4"									
FORECASTLE SIDE PLATING		-	1/4"	-									

## WATERTIGHT BULKHEADS.

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

Plating Thickness	STIFFENERS.			
	VERTICAL		HORIZONTAL	
	Scantlings	Spacing	Scantlings	Spacing
MIDSHIP BULKH'D, Upper tween decks				
" " Second "				
" " Third "				
" " Holds	$\frac{1}{4} \times \frac{5}{16}$	$\text{L } 4 \times 3 \times \frac{3}{8}$	24"	✓
COLLISION " (in Hold)	$\frac{1}{4} \times \frac{5}{16}$	$\text{L } 4 \times 3 \times \frac{3}{8}$	24"	✓
AFTER PEAK " "	$\frac{1}{4} \times \frac{5}{16}$	$\text{L } 4 \times 3 \times \frac{3}{8}$	18"	✓

	Casting or Forging	Scantlings	Maker's Name	Any Departure from Approved Plans to be Noted
KEEL, Bar		$6 \times 3 \times 3$	welded channel plate 3"	
STEM		$6 \times \frac{3}{8}$ flat	$\frac{1}{4}$ webs	
STERN FRAME	Propeller Post	NONE		
	Rudder	FABRICATED		
Speed of Vessel		$8 \frac{1}{2}$ KNOTS		
RUDDER—Type		Double plate—fabricated		
" A X D		56	see correspondence TANDJONG CEBAN	
" Diam. of head		$3 \frac{3}{4}$	No drawing available. See letter 29.11.1938	
" Mainpiece at top pintle		6" solid drawn pipe		
" " heel				
" how constructed		welded plates		
" double or single plate		Double		
" coupling, vertical or horizontal		Horizontal		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open hearth process
	Broken Hill Pty. Co. Ltd. — Newcastle N.S.W.	
	Has the Steel been tested as required by the Rules?	Steel ordered by Ministry of Munitions to Australian Standard Specification for Ship Steel — which is equivalent to Society's Rules.

## EQUIPMENT No. 4163

LETTER C ✓

ANCHORS.

Number of Certificate	Anchor	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			
1st Bower		6	1	0								6 1/2 ✓	Stackless	Hadfields	No Test certificates
2nd "		6	1	0								6 ✓	Byer's Type	Steelworks	available and anchors
3rd "														Sydney NSW	not stamped
Collective weight.		12	2	0								12 1/2 ✓			
Stream		1	0	16								1 1/2 ex stock ✓			

### CHAIN CABLES.

[illegible]Steering Gear, Type (Power or hand)..... Hand ✓ ..... Alternative Means of Steering Blocks and tackle ✓ .....

Steering Chains (Size and Test) 5" dia. No test results available. Windlass Electric Boats 2 WOODEN 14'9" x 5'9" x 2'3"

Ceiling in Holds, thickness and material 1 1/2" hardwood on 2" bearers ✓ Cargo Battens, thickness, material and spacing 2" hardwood spaced 2" to 5" ✓

Cargo Hatchways.—(Upper Deck) *Constructed of welded plates* Thickness of Hatches *2½" Hardwood*

Size of Hatchways No. 1 (Fwd.) 42' x 12' ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of **Shifting Beams** } *7. Centre strongbeam semi-permanent*  
and/or **Fore and Afters** }

*Builder's Signature.*

**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 is one of a class constructed to the order of the Ministry of Munitions, Australia, for war service in New Guinea and adjacent islands and is a duplicate of the "BUCKIE".  
At the request of the Owners a survey equal to the requirements of a S.S. No. 3, has been carried out.

Oil fuel (F.P. above 150° Fsh.) is carried in side tanks of the machinery space and in the double bottom compartments. Fresh water is carried in tanks aft of the machinery space and in the Fore peak. These tanks have been tested to Rule requirements and found satisfactory.

Vessel examined afloat and in dry dock and the workmanship and materials appear sound and satisfactory.

See Sydney N.S.W. letter to the Secretary regarding the proposed testing of anchors and chain cables, dated 9<sup>th</sup> Sept. 1947. Attached to F.E. Rpt on the "BUCKIE"

The amount of Entry Fee..... £ ✓ : : } Fees applied for, (Special notations, where part of class, to be stated.)

Special Survey Fee £ 58: 0: 0 Received by me, I am of opinion the Vessel should be Classed 100 A.1

Travelling Expenses, if any £ 6 : 0 : 0 ] 19.....

State whether the Vessel has been built under Special Survey.....*No.*..... Signature *A. Gundersen & B. P. Zieiden*

Certificate to be sent to Business London Date of issue 9/12/47 Surveyor to Lloyd's Register of Shipping.

Committee's Minute *f* FBI 5 DEC 1947

Character Assigned 100 A-

For Coasting Service in the East Indian

9.47 Syd

Classed 9.47 1.5 Syd-9.47

*[Faint handwritten notes at the bottom of the page:]*

Wrote down 5/2/46  
" " " "

Time 9:47 (with English student)  
Cal Eng



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.)

Duplicate of M.V. BUCKIE, Sydney Report No 20830, plans of which are in London Office.

PARTICULARS OF ELECTRIC WELDING (if employed)

Electric welding employed throughout.  
Stated electrodes employed are of approved type.

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

Machy aft; Electrically welded; Fitted for oil fuel F.P. above 150°Fah

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

1st Bower ✓  
2nd „ ✓  
3rd „ ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 33.25 ft., Bridge ✓ ft., Forecastle 19.25 ft.

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

Official No. 179715 Signal Letters — Extreme Breadth over Belting 25'-6" Over-all Length 123.5'

No. and Material of Decks One deck. (Steel)

Parts of Bottom of Vessel coated with cement or approved composition Nil

Particulars of composition (if fitted) and of approval Red lead and paint

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, <sup>see sketch</sup> 20'-9" F.W.	✓	> 20
Double bottom, under Engines and Boilers,			After Peak Tank, 20'-9" F.W.	✓	12
Double bottom, if under Engines only,			Deep tank, aft,	✓	
Double bottom, if under Boilers only,			Deep tank, forward,	✓	
Double bottom, forward, under hold	64'-9"	49	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

1946 2.25 Oct 29 Nov 5.12 + 19 Dec.  
1947 7.13 Jan 5.17 19 Feb 18 April 21.26 May 8 July  
1948 12.28 Aug 9 Sept

Lloyd's Register Foundation  
Total No. of Visits 18