

Rpt. 1.

DISCLOSED
SECTIONNIN VERAGUAS"
STEEL STEAMER or MOTORSHIP.DISCLOSED
SECTION

Received at London Office

16 MAR 1948

No. 828

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. 828

Date of Completion of Report 13 January 1948

Port of SYDNEY N.S.W. No. 21,314

Survey held at PORT KEMBLA & SYDNEY N.S.W. Date First Survey 19/9/46 Last Survey 12/1/1948

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) TWIN SCREW MOTOR VESSEL "CHELMER"

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

State Type of Erections FORECASTLE & R.O.D.

TONNAGE under Tonnage Deck 151.40

CLASS 100 A.1. State if with freeboard as condition of Class No

Built at PORT KEMBLA N.S.W.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See L 115.75

Launched 15/10/47 Yard No. 76

Total

Breadth (greatest moulded) B 24.0

Builders A.E. GOODWIN LTD

Gross Tonnage 209.64

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

Owners THE ANGLO-SAXON PETROLEUM CO. LTD.

Register Tonnage 112.05

1st Longitudinal Number (L x D) = 1042

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

REGISTERED DIMENSIONS.

FEET

Length 115.1

Framing Depth "d" at middle of length. See Sec. 3 (1d) 7.42

Residence

Breadth 24.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.86

Port of Registry SYDNEY N.S.W.

Depth 7.7

Do. Long Bridge to top of keel 9.65

If surveyed while building, afloat, or in dry dock

Draught Moulded 7-9 7/8

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	21		Bracket Floors, Frame		
" " from 3/8 length amidships to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	18		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	18 x 38	
Frame Amidships, Angle E or F FLATS	4 x 25		" " top Angles PLATES	24 x 38	
" " Extends up to			" " bottom Angles WELDED TO KEEL		
WEB Reversed Frame Amidships, Angle EVERY 5 SPACES	18 x 25		Side Girders, No. each side and thickness	ONE 25	see plan
" " 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 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, C or F			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, C or F			" " 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	4 x 25 FLATS		Tank Side Brackets, height above base line at toe of Frame and thickness	3 1/2 x 25	
" " in Peaks, Angle or C	4 x 25 FLATS		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	WELDED		Breadth and thickness of Middle Line Strake	32 plating welded	
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 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?	SINGLE BOTTOM IN ENGINE 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, C or F	5 x 38 FLATS	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, C or F 1/2 BEAMS	3 x 25	
Height of Brackets at side above base line at toe of frame			Spacing	EVERY FRAME	
Middle Line Keelson, on Floors, Angles, C or F			Second Deck, amidships, Angle, C or F		
" " Through Plate or Intercostal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, C or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, C or F		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Poop Deck, Angle, C or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	25 EVERY FRAME		R.O.D.		
" " Are Frame and Reversed Frame joggled?	No		Bridge Deck, Angle, C or F FLATS	5 x 38	
Bracket Floors, breadth and thickness at middle line			Spacing	EVERY FRAME	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, C or F FLATS	5 x 38	
			Spacing	EVERY FRAME	

PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP	Any Departure from Approved Plans to be Noted	INCHES IN SHIP	Any Departure from Approved Plans to be Noted
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Fourth Deck.				
Stringer Plate, breadth and thickness				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Bridge Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Forecastle Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				

SHELL PLATING.

RIVETING.

STRAKES.	AS IN VESSEL.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.	BUTTS.
	AMIDSHIPS		State if jogged?	
	Forward	Aft		
	Breadth	Thickness		
	Inches	Inches		
FLAT PLATE KEEL	48	38		
" DBLG. (in any)				
BOTTOM PLATING, No. of Strakes	ONE			
BILGE PLATING, No. of Strakes	ONE			
SIDE PLATING, No. of Strakes	ONE			
UPPER DECK Sheer-strake in Wells				
UPPER DECK Sheer-strake in Bridge				
STRAKE BELOW Sheer-strake in Wells				
STRAKE BELOW Sheer-strake in Bridge				
POOP SIDE PLATING				
R.Q.D.				
FORECASTLE SIDE PLATING				

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—	3.	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
Extending to Upper Deck (Sec. 3c)	3.	
Deck next below		
As per Rule	3.	
STIFFENERS.		
	VERTICAL	HORIZONTAL
	Scantlings	Spacing
	Scantlings	Spacing
MIDSHIP BULKH'D, Upper tween decks		
" " Second		
" " Third		
" " Holds		
COLLISION " (in Hold)		
AFTER PEAK "		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Open hearth - Broken Hill Pty. Co. Ltd. Newcastle NSW. The steel was from stock supplied to Ministry of Munitions to Australian Standard Specification which is equivalent to the Society's Rules.
 Has the Steel been tested as required by the Rules? No.

EQUIPMENT No. 4163

LETTER C

ANCHORS.

Number of Certificate	Weight, Ex. Stock	Weight of Stock	Test, per Certificate	Weight Required by Table 53	Description of Anchor	Makers	Where and when tested and
3710	5 3 26	Cwts. qrs. lbs.	8 5 0 0	6 1/4	1 BYERS TYPE	HADFIELD	Garden Island, Sydney, N.S.W.
3711	6 0 1	Cwts. qrs. lbs.	8 5 0 0	6 1/4	2 STOCKLESS	STEEL WORKS	10/11/47 H. Curran
3753	11 3 27	Cwts. qrs. lbs.	12 1/2	12 1/2	3 STOCKLESS	STEEL WORKS	3/12/47 J. H. A. Bick
3753	1 2 2	Cwts. qrs. lbs.	3 18 3 0	2 1/2	4 STOCKLESS	STEEL WORKS	

CHAIN CABLES.

HAWERS 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
8246	60' 3/4	10 1/4	17 1/4	18-3-25	46	135	13/16	STUD LINK	64 1/2	64 1/2	75
8247	60'	"	"	18-3-25	"	"	"	WELDED	64 1/2	64 1/2	75
8420	15'	"	"	4-3-2	"	"	"	MILD	12 1/2	12 1/2	90
8421	15'	"	"	4-3-2	"	"	"	STEEL	12 1/2	12 1/2	90
150f	150'	"	"	47-2-3	"	"	"	"	"	"	"

Steering Gear, Type (Power or hand) **HAND** ✓ Alternative Means of Steering **BLOCKS & TACKLE** ✓
 Steering Chains (Size and Test) **3/8" dia. No TEST CERTIFICATE 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" BEAMERS** Cargo Battens, thickness, material and spacing **6" x 2" CLEAR SPACING, MAX. 6"** ✓
 Cargo Hatchways.—(Upper Deck) **ONE, CONSTRUCTED OF WELDED PLATES** Thickness of Hatches **2 1/2" WOOD** ✓
 Size of Hatchways No. 1 (Fwd.) **42' x 12'** No. 2 **"** No. 3 **"** No. 4 **"** No. 5 **"** No. 6 **"** ✓
 Number of Shifting Beams and/or Fore and Aft **7. CENTRE STRONG BEAM SEMI-PERMANENT** ✓

Builder's Signature **A. E. Goodwin Limited**Pay **Chas. R. Moberly**

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).

The materials used in this vessel were not tested as required by the Rules but we are satisfied they are of good quality. Some minor sections of the vessel had been fabricated prior to the commencement of our survey but the main construction has been carried out under our Special Survey. The scantlings and arrangements are in accordance with those shown on plans approved for the M.S. "BUCKIE" (S.R. Rpt. 20830) of which this vessel is an exact duplicate. The workmanship throughout is of good quality and all welding electrodes used, are of an approved type. Oil fuel (F.P. above 158°F) is carried in engine room side tanks and the double bottom tanks. Gutterways have been fitted as required by the Rules. Fresh water is carried in tanks aloft the machinery space and in the fore peak tank. All tanks have been tested to Rules requirements, the decks and W.T. bulkheads have been tested and all found sound and tight. ✓
 The windlass, steering gear and pumps have been tested under working conditions and found in good order. ✓

The amount of Entry Fee £ : : Fees applied for, 13/10/1947
 Special Survey Fee £ 55 : 0 : 0 Received by me, 13/11/47
 Testing anchors 5 : 5 : 0
 Travelling Expenses, if any £ 6 : 0 : 0 19
 I am of opinion the Vessel should be Classed **+100 A-1** for coasting service east Indian Archipelago.
 State whether the Vessel has been built under Special Survey **Yes except minor sections** Signature **H. Bernard & B. P. Tiedem**
 Certificate to be sent to **Sydney N.S.W.** Date of issue **21/4/48** Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI. 9 APR 1948**
 Character Assigned **+100 A-1 For Coasting Service in the East Indian Archipelago**
LMC 148 with endorsement

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.)

Sister Vessels "BUCKIE" (SYD Rpt 20830) "PANT" (SYD Rpt 21148) "ROM" (SYD Rpt 21161).
HUMBER (SYD Rpt 21287).
Plans were forwarded for M.V. BUCKIE.

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welding used throughout.

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

Machy aft. Electrically welded. Lighter.

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. 179 726

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 ONLY RED LEAD & PAINT THROUGHOUT.

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,		20
Double bottom, if under Engines only,			Deep tank, aft,	12' 25"	12
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	63	49	Other tanks, if fitted,		
Total length (if continuous) and Capacity	65		(If necessary, furnish further information by sketch)		

Order for Special Survey No.

Date

Dates of Surveys held while building

1946. 19 Sept, 25 Oct, 14 + 26 Nov, 12 Dec.

1947. 13 Jan, 5 + 14 Feb, 24 April, 19 May, 10 July, 19 + 17 Sept, 1, 16, 22 + 28 Oct.

5, 7, 8, 24, 27 Nov. 4, 16 + 24 Dec.

1948. 6 + 12 Jan.

Total No. of Visits 27

S.S.O.R. not available 12/5/48