

STEEL STEAMER or MOTORSHIP.

Received at London Office

29 APR 1949

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

State if Report is sent on the Machinery of the Vessel

Date of Completion of Report

23rd March 1949

Port of

Sydney N.S.W.

No.

23,034

Survey held at

Sydney N.S.W.

Date First Survey

19 November 1947

Last Survey

16 February 1949

On the

(State if Machinery fitted with and if Single, Twin or Triple Screw)

Single Screw Motorship

"NYORA"

(ex "EMPIRE CONIFER" or "ADRIAN")

State Type

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

State Type of Erections

Isle & R.Q.D.

TONNAGE under Tonnage Deck

CLASS 100A1

State if with freeboard as condition of Class

Will freeboard

Built at

Emden Germany

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

Length from fore part of stem to centre of rudder stock on summer L.W.L. See Sec. 3 (1a)

L 229.6

Launched

1935

Yard No. 175

Total

Breadth (greatest moulded)

B 36.0

Builders

Mardac Werke G.m.b.H.

Gross Tonnage

1356.51

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

D 15.7

Owners

Commonwealth of Australia (Department of Shipping & Fuel)

Register Tonnage

675.93

1st Longitudinal Number (L x D)

= 3605

Managers

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length

233.7

Breadth

36.1

Depth

13.9

2nd Numeral L x (B + D)

= 11,870

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

13.12

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

14.6

Draught Moulded

13.44

Residence

4 Bridge St. Sydney

Port of Registry

Sydney N.S.W.

If surveyed while building, afloat, or in dry dock

After building, afloat and in dry dock.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. IN SHIP	Any Departure from Approved Plans to be Noted		INCHES IN SHIP	Any Departure from Approved Plans to be Noted
FRAMES, Spacing amidships	570	✓	Bracket Floors, Frame	5	140 65 7.5 ✓
" " from 1/3 length amidships to Collision bulkhead	570	✓	" " Reversed Frame	140 65 7.5	✓
" " in peaks	570	✓	" " Vertical Struts	FLATS	130 7.0 ✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	790 9.5	✓
Frame Amidships, Angle, \angle or \square	150 75 7.5	✓	" " top Angles	75 75 8.5	✓
" " Extends up to	Bridge Deck	✓	" " bottom Angles	90 90 10	✓
Reversed Frame Amidships, Angle, \angle or \square	75x75x8 150x75x9	✓	Side Girders, No. each side and thickness	ONE 7mm	✓
" " Extends up to	Upper Deck	✓	Margin Plate depth (excl. of flange) and thickness	690 8.5	✓
Depth of Framing Girder	150	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	CONT. DBLE. BUTT WELD	✓
Frames in Uppermost Continuous Decks, Angle, \angle or \square	165 75 8	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	" " " "	✓
" " Second 'tween Decks, Angle, \angle or \square	✓	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	EVERY 4 th 7mm	✓
" " Third " " " "	✓	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	EVERY 3 rd 7mm	✓
" " from 1/2 len. for'd. to 15% len. from Stem	150 75 7.5 76 to 98 165 75 9.5 99 to 104	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1030 8 Flgd 75	✓
" " in Peaks, Angle or \angle	200 75 9.5 105 to 114 150 75 8.5 116 to 122	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 120 to 130	✓	Breadth and thickness of Middle Line Strake	1030 8.5	✓
State if Frame Joggled	No	✓	Thickness of remainder in Holds	7.5	UNDER HATCHES, INCREASED 9.5 ✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	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?	YES	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, \angle or \square	115 65 7	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	" " in way of Bridge, Angle, \angle or \square	200 75 10	✓
Height of Brackets at side above base line at toe of frame	✓	✓	" " Spacing	EVERY	✓
Middle Line Keelson, on Floors, Angles, \angle or \square	✓	✓	R.Q.		
" " Through Plate or Intercoastal Plate	✓	✓	Second Deck, amidships, Angle, \angle or \square	160 65 7.5	✓
" " Foundation Plate on Floors	✓	✓	" " Spacing	EVERY	✓
" " Flat Plate Keel Angles	✓	✓	Third Deck, amidships, Angle, \angle or \square	✓	✓
Side Keelsons, No. each side	✓	✓	" " Spacing	✓	✓
" " thickness of Intercoastal Plate	✓	✓	Fourth Deck, amidships, Angle, \angle or \square	✓	✓
" " Angles	✓	✓	" " Spacing	✓	✓
DOUBLE BOTTOM.			Poop Deck, Angle, \angle or \square	✓	✓
Solid Floors, thickness and spacing	7 Every 4 th 101 to 128 65 to 85	✓	" " Spacing	✓	✓
" " Are Frame and Reversed Frame joggled?	No	✓	Bridge Deck, Angle, \angle or \square	115 65 7	✓
Bracket Floors, breadth and thickness at middle line	610 7 Flgd 65	✓	" " Spacing	EVERY	✓
" " breadth and thickness at margin plate	610 7 Flgd 65	✓	Forecastle Deck, Angle, \angle or \square	100 140 65 7.5 40 200 90 12	✓
			" " Spacing	EVERY	✓

PILLARS AND DECKS.

	mm. INCHES IN SHIP				Any Departure from Approved Plans to be Noted		mm. 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	7.5				
„ „ „ „ „						Thickness of Plating abreast Deck openings in way of Bridge					
„ in Holds „ „						Thickness of Plating within line of openings	7.5				
„ „ „ „ „						If Sheathed, material and thickness					
Centre Line Bulkhead. C 130 115 65 8 ✓						Third Deck.					
Stiffeners and Spacing					EVERY 2ND ✓	Stringer Plate, breadth and thickness					
Plating, thickness of					6' ✓	If Plated, state thickness					
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness					
Stringer Plate, breadth and thickness in Wells 1020 12.5 ✓						If Plated, state thickness					
„ „ „ „ in way of Bridge 1020 8.5 ✓						Poop Deck.					
„ Angle in Wells 90 90 12.5 ✓						Stringer Plate, breadth and thickness					
Thickness of Plating abreast Deck openings } in way of Wells					10.5 ✓	Plating, Sheathing, material and thickness					
Thickness of Plating abreast Deck openings } in way of Bridge					7.0 ✓	Bridge Deck.					
Thickness of Plating within line of openings 7.5 ✓						Stringer Plate, breadth and thickness	1040 8.5 ✓				
If Sheathed, material and thickness						Plating, Sheathing, material and thickness	6.5 OREGON 63 mm. ✓				
R.Q.D.						Forecastle Deck.					
Second Deck.						Stringer Plate, breadth and thickness	7 ✓				
Stringer Plate, breadth and thickness in Wells 1020 9.5 ✓						Plating, Sheathing, material and thickness	6 OREGON 63 mm. ✓				


SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>YES</i>			BUTTS.				
	AMIDSHIPS		FORWARD	AFT		State if joggled?	SINGLE OR DOUBLE	RIVETS		No. of Rows of Rivets	RIVETS		STRAPPED OR LAPPED
	Breadth	Thickness	Thickness	Thickness				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	<i>Inches</i> <i>mm.</i>	<i>Inches</i> <i>mm.</i>	<i>Inches</i> <i>mm.</i>	<i>Inches</i> <i>mm.</i>				<i>Inches</i> <i>mm.</i>	<i>Inches</i> <i>mm.</i>		<i>Inches</i> <i>mm.</i>	<i>Inches</i> <i>mm.</i>	
FLAT PLATE KEEL	1060	11.5	11	11		DOUBLE	19 ^{3/4}	70 ^{23/4}	TREBLE	19 ^{3/4}	70 ^{23/4}	LAPPED.	
" DBLG. (in any)	-	-	-	-		-	-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes <i>AB</i> 2	2010	9.5	9.5	8.5		DOUBLE	19 ^{3/4}	70 ^{23/4}	BUTT WELDED.				
BILGE PLATING, No. of Strakes <i>1410</i> 2	1170	9.5	18.5	8.5		"	"	"	"				
SIDE PLATING, No. of Strakes <i>CO.</i> 5						"	"	"					
UPPER DECK. Sheer-strake in Wells <i>EPG</i>	1060	14.5	8.5	8.5	<i>21mm at Break.</i>	"	"	"	TREBLE	19 ^{3/4}	70 ^{23/4}	LAPPED.	
UPPER DECK. Sheer-strake in <i>Bridge R&D</i>	1175	11.5	8.5	8.5		"	"	"	(WELDED BUTTS AT ENDS).				
STRAKE BELOW Sheer-strake in Wells		11.5	18.5	8.5		"	"	"					
STRAKE BELOW Sheer-strake in <i>Bridge R&D</i>		10.0	8.5	8.5		"	"	"					
POOP SIDE PLATING		-	-	-		-	-	-	-	-	-	-	
BRIDGE SIDE PLATING		10.0	-	-		DOUBLE	19 ^{3/4}	70 ^{23/4}	TREBLE	19 ^{3/4}	70 ^{23/4}	LAPPED	
FORECASTLE SIDE PLATING		-	8	-		"	"	"	WELDED.				

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4	<i>for record</i>
Extending to Upper Deck (Sec. 3 c)	2	
<i>R. Q. D.</i>		
Deck next below	2	
As per Rule	4	

FORGINGS and CASTINGS.

	Casting or Forging	Scantlings	Maker's Name	Any Departure from Approved Plans to be Noted
KEEL, <i>Bar</i> PLATE	✓			
STEM  PLATE & CASTING. PLATE 15mm				
STERN FRAME { Propeller Post	Casting			
{ Rudder "	Forging	118.2mm dia.		
Speed of Vessel	10 KNOTS ✓			
RUDDER—Type <i>no plans</i>	<i>Semi Balanced</i>	<i>Thru line</i>		
" A × D	115.9			
" Diam. of head	160.3			
" Mainpiece at top pintle	<i>align per Rule.</i>			
" " heel				
" how constructed	Electric Welded			
" double or single plate	Double			
" coupling, vertical or horizontal	Horizontal			

	Plating Thickness	STIFFENERS.			
		VERTICAL		HORIZONTAL	
		Scantlings	Spacing	Scantlings	Spacing
	mm.				
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "					
" " Holds No 64	9-7.5	1220 x 10	665 750		
COLLISION " (in Hold) No 115	9-7	1200 x 10	600		
AFTER PEAK " Nos 4-8	8.5-7.5	115 x 7.5 FLAT	600 450	560 x 9.5 FLAT	220 mm FROM R.D.

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

STEEL.

Has the Steel been tested as required by the Rules? ☒

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate	Anchors	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	cwts.	qrs.	
78790 D	1st Bower	1344	Kg.	26.4	-	-	-	26880	Kg.	✓	Dusseldorf 19.21.27/28.1935 A.G. Ranscht.
78791 D	2nd "	1344	Kg.	26.4	-	-	-	"	"	✓	
78792 D	3rd "	1349	Kg.	26.5	-	-	-	"	"	✓	
78793 D	Collective weight.	4037	Kg.	81.3	101	Kg.	9880	"	✓		
78794 D	Stream	238	Kg.	48	Kg.	6490	"	✓			

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	Cir.
	Fathoms	Ins.	Tons	Kg.	Cwts.	qrs.	Fathoms	Ins.					Fathoms	Ins.		Fathoms	Ins.		
78975 D	375.6	39	42920	61200	13037	253	210	1 1/2	STUD LINK.	Kettenwerke Schliaper G.m.b.H.	Dusseldorf 1.5.22.25.30/3 and 2.3.4.1935 A. Ranscht.	TOWLINE	95	3 3/4	✓	90	3 3/4	✓	
	208	18 1/16										HAWSERS & WARPS	120	6	✓	90	6	✓	
													120	6	✓	90	5	✓	
Stream Steel Wire	110	4					75	3 1/2											

Steering Gear, Type (Power or hand) Electric. Deutsche Werke Kiel aktien-gesellschaft. Werk. Friedrichshafen SE 0 Tab. No. 7187 1935 Worm and worm wheel, to pinion & quadrant.

Steering Chains (Size and Test) ✓ Windlass Electrically driven by 30HP Boats 2 Steel 22'-0" x 7'-6" x 3'-2" motor.

Ceiling in Holds, thickness and material 3". Baltic Pine Cargo Battens, thickness, material and spacing No cargo battens fitted

Cargo Hatchways.—(Upper Deck) One (1) R.D. One (1) Thickness of Hatches 2 1/2"

Size of Hatchways No. 1 (Fwd.) 50'-6" x 17'-8" No. 2 48'-7" x 17'-8" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters No. 1 Hold - 8 Beams, No fore & afters. No. 2 Hold - 8 Beams, No fore & 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 ship has been built in conformity with Germanischer Lloyd Rules and Regulations. As directed by The Secretary's letter "M" of 28th January 1948, a Special Survey has now been carried out and the scantlings and arrangements are in accordance with or equivalent to those shown in the approved plans.

Oil fuel (F.P. above 150°F), is carried in the No 4 D.B., two cross bunker tanks and two side tanks at forward end of machinery space. Fresh water is carried in the fore and after peak tanks and No 6 D.B. tank. All tanks have been tested to Rule Requirements and found satisfactory. Windlass, steering gear, W.T. door and hand pumps have been tested under working conditions and found satisfactory.

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

The amount of Entry Fee £ : : Fees applied for, 15/2/ 1949 (Special notations, where part of class, to be stated.)

Special Survey Fee £ 204 0 : 0 Received by me, 16/3/ 1949

Alteration 40 0 : 0

Travelling Expenses, if any £ 18 0 : 0

I am of opinion the Vessel should be Classed 100 A1 with fuelboard, for coasting service in Australia.

State whether the Vessel has been built under Special Survey No. Signature H. Lervard & H. Barnett

Certificate to be sent to Sydney NSW. Date of issue 1/6/49 Surveyor to Lloyd's Register of Shipping.

Committee's Minute ✓

Character Assigned For Australian Coasting Service

Warp battens not fitted

S.S. Syd 2.49 2.49 Syd Classed Eng

Write Syd hine 2.49 Oil Eng

(with endorsement)

The Surveyors are requested not to write on or below the Committee's Minutes.

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.)

No sister vessel known. The arrangement of masts and sensor posts has been modified as shown on general arrangement drawing, and new electric winches have been supplied.

Two (2) Class I steel W.T. doors now fitted at Bridge, Fore End, two (2) hinged steel doors fitted at Forecastle, and access hatches to holds, re positioned as shown in Report C11 Contd. now forwarded.

The following original plans, modified plans, photostat copies of anchor, cable and machinery certificates are now forwarded:—

Midship section, Profile, General Arrangement (as now fitted).

Pipe arrangement in Engine Room.

Arrangement of Bilge and Ballast Piping (Original & as now fitted)

Stem Tube, Propeller Shaft Assembly, Propeller.

Arrgt. of Auxiliary Machinery in Engine Room.

Diagram. Arrgt. of cooling water piping

" " " pressure air piping

" " " fuel oil piping

" " " lub. oil piping

Starting Air Receiver.

Main Engine Piston.

Thrust Shaft.

Fuel oil day tanks.

Heating oil galley tank.

Propeller shaft details.

PARTICULARS OF ELECTRIC WELDING (if employed)

Used in majority of shell and deck plate butts, all tank top seams and butts, bulkheads, deckhouses and casings. "E.E.W. welded".

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

For coasting service in Australia.

Three masts. Bruised stern. No cargo battens fitted.

Fitted for oil fuel F.P. above 150°F.

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

1st Bower 877 kg. A.R. 79176 a/d 19, 21, 27./2. 1935
2nd " 877 kg. A.R. 79176 u/d " " " " "
3rd " 888 kg. A.R. 79176 c/d " " " " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 84 ft., Bridge 46 ft., Forecastle 23 ft.

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

Official No. 180632 Signal Letters GLTL Extreme Breadth over Belting 36.2 feet Over-all Length 242.5 feet
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One, steel.

Parts of Bottom of Vessel coated with cement or approved composition Peak tanks and all double bottom tanks

except Nos 4 & 5, coated with 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 Feet	Water Capacity Tons	Where Fitted	Length Feet	Water Capacity Tons
Double bottom, aft,	54.2	84	Fore peak tank,	F.W.	35
Double bottom, under Engines and Boilers,	✓	✓	After Peak Tank,	F.W.	88
Double bottom, if under Engines only,	33.5	44	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	100.6	184	Other tanks, if fitted,		
Total length (if continuous) and Capacity	192.3	312	(If necessary, furnish further information by sketch)		123

Order for Special Survey No. 142

Date 5th Nov. 1947

Dates of Surveys

1947. 19th Nov. 1948. 2, 17, 24 Feb. 4, 9, 19 March, 7th April, 5, 14, 26 May
2, 11, 23 June, 6, 16, 27 July, 5, 23 August, 8, 17 September,
22 October, 1 Dec.
1949. 11, 25 January, 11, 15, 16 February.

Total No. of Visits 28