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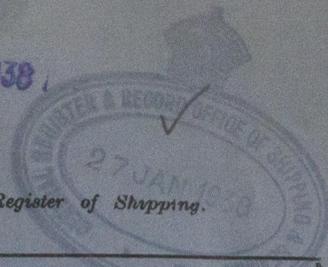
(LLOYD'S REGISTER.)

28 JAN 1938

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyd's Register of Shipping.

Signal Letters (if any) V.L.J.Z.



Official Number. <u>159568</u>	Name of Ship. "Iron Knight" <i>TRP</i>	No., Date, and Port of Registry. 8 in 1937, Melbourne.
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No., Date, and Port of previous Registry (if any). Initial Registry

Whether British or Foreign Built. British	Whether a Sailing, Steam, or Motor Ship, if Steam or Motor Ship how propelled. Steam Ship Single Screw	Where Built. Port Glasgow	When Built. 1937	Name and Address of Builders. Lithgows Limited, Port Glasgow.
Number of Decks One and Shelter Deck	Length from fore part of stem, to the aft side of the head of the stern post	Feet. 404	Tenths. 5	
Number of Masts Two	Main breadth to outside of plank	56	2	
Rigged Not	Depth in hold from tonnage deck to ceiling amidships	23	2	
Stem Straight	Depth in hold from upper deck to ceiling amidships, in the case of three decks and upwards	-	-	
Stern Cruiser	Depth from top of deck at side amidships to bottom of keel	34	6.6	
Build Clincher	Round of beam	1	1.7	
Framework and description of vessel watertight	Length of engine room, if any	96	7.5	
Number of Bulkheads Six Complete				

Particulars of propelling Engines, etc., (if any), and Water Ballast Tanks, as supplied by Builders, Owners, or Engine Makers.

No. of sets of Engines.	Description of Engines.	Whether British or Foreign Made.	When made.	Name and address of makers.	Reciprocating Engines.		Rotary Engines.	N. H. P. I. H. P. Estimated Speed of Ship.
					No. and Diameter of Cylinders in each set.	Length of Stroke.		
One	Reciprocating, Steam, Direct Acting, Vertical, Inverted Cylinder, Quadruple Expansion.	Engines.	Engines.	Engines.	Four			504 by Lloyd's Formulae.
	Particulars of Boilers.				24"			371 by Australian Navigation Act Formulae
	Description <u>Water Tube</u>	Boilers.	Boilers.	Boilers.	34 1/2"	48"	-	2800
	Number <u>Three</u>				50"			12 Knots
One	Iron or Steel <u>Steel</u>	British	1937	Babcock & Wilcox Ltd., Renfrew.	71"			
	Loaded Pressure <u>250 lbs. per sq. in.</u>							

Number of water ballast tanks, and their capacity in tons:— Seven in D.B. = 1394 Tons; Four Wing Tanks, P. & S. 1042 Tons. Aft Peak = 93 Tons; Fore Peak = 181 Tons; Deep Tank = 310 Tons.

PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No. of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck	4235.76	On account of space required for propelling power	1539.75
Space or spaces between Decks	-	On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from Goods or Stores of every kind, not being the personal property of the Crew	333.62
Turret or Trunk	-	These spaces are the following, viz.:— Spaces in Lower Poop and in Round Houses above Deck.	
Forecastle (Lower = 25.51 Tons, Upper = 61.99 Tons)	87.50	(Number of seamen or apprentices for whom accommodation is certified.....50.....)	
Bridge space	-	Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Poop or Break Lower	147.53	Master's Accom. = 19.40	
Side Houses	-	Chart Space = 5.57	
Deck Houses	324.97	Wireless T. Space = 3.95	201.04
Chart House	-	Boatswain's Store = 48.12	
Spaces for Machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894	-	Water Ballast Spaces	
Excess of Hatchways	15.95	Total = 124.00	2074.41
Gross Tonnage	4811.71	Cubic Metres.	
Deductions, as per contra	2074.41	13617.14	
Register Tonnage	2737.30	5870.58	

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 675.13 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 217.69 tons.

NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

Open Space at After End of Upper Forecastle	8.0 feet in length =	10.74 Tons.
Open Space in Shelter Tween Deck, Part I.	14.0 " " "	= 40.54 Tons.
" " " " " Part 2.	252.0 " " "	= 998.97 Tons.
" " " " " Part 3.	4.5 " " "	= 20.13 Tons.
" " " " " Part 4.	38.2 " " "	= 103.97 Tons.

Name of Master _____ Certificate of Service No. Competency No.

No. of Owners _____

Name, Residence, and Description of Managing Owner if there are more owners than one.

The Broken Hill Proprietary Company Limited, 422, Little Collins Street, Melbourne, Victoria. **SHIP OWNERS.**

Sixtyfour Shares.

Dated 16th December, 1937.

*940. Wt.17581/626. 500. 8/36. W.y.P.C. 613. 1779. Wt.28793/645. 1000. 12/86.

