



What is the Heard Island & McDonald Islands Marine Reserve?

One of the world's largest highly protected IUCN category 1A marine reserves the Heard Island and McDonald Islands Marine Reserve was established by Australia in the waters surrounding HIMI in 2002.

What is the significance of Heard Island & McDonald Islands?

Heard Island and the McDonald Islands, with the Kerguelen Islands, are exposed parts of the Kerguelen Plateau, possibly the largest submarine plateau on earth, and provide geochemical and isotopic insights into the formation of oceanic plateaux, mantle plume development and the separation of Australia, India and Africa from Antarctica.

Where are Heard Island and McDonald Islands located?

The islands are a territory (Territory of Heard Island and McDonald Islands) of Australia administered from Hobart by the Australian Antarctic Division of the Australian Department of Climate Change, Energy, the Environment and Water.

How big is Heard Island & McDonald Islands?

The group's overall land area is 372 km² (144 sq mi) and it has 101.9 km (63 mi) of coastline. Discovered in the mid-19th century, the islands lie on the Kerguelen Plateau in the Indian Ocean and have been an Australian territory since 1947. Heard Island and McDonald Islands contain Australia's only two active volcanoes.

Where is Heard Island located?

The Australian Territory of Heard Island and the McDonald Islands, centred on Heard Island at 53°06'S; 73°32'E, is one of the most isolated regions on Earth, lying in the central southern Indian Ocean. Its closest neighbour is the French Kerguelen Islands, approximately 466 km to the northwest.

Are Heard and McDonald Islands volcanoes?

Heard and the McDonald Islands are young oceanic-island volcanoes which, together with the Kerguelen Islands 466 km to the northwest, are the only subaerial expressions of the dominantly volcanic and relatively shallow northern part of the submarine Kerguelen Plateau which has a geological history extending over 115

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Ma (Davies et al. 1989).



Key Words: Heard Island, McDonald Islands, Kerguelen Plateau, volcanism, volcanic activity, Big Ben, Laurens Peninsula, plume systems

INTRODUCTION The Australian Territory of Heard Island and the McDonald Islands, centred on Heard Island at 53°06'S; 73°32'E, is one of the most isolated regions on Earth, lying in the central-



Existing data suggests that Heard and McDonald Islands are surrounded by fields of undersea volcanoes for several hundred kilometres. The main objective of this voyage is to test the hypothesis that hydrothermal ???



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ORION(R) 920CX provides the best measured steel penetration, wire resolution and spatial resolution vs. the stated performance of any other X-ray screening system in the industry. With superior image quality & exceptional threat detection it ???



Washington, D.C., June 21, 2022 (GLOBE NEWSWIRE) ??? Today, Washington, D.C.-based Sol Systems, LLC, announced the acquisition of a 91 megawatt (MWdc) solar development project in Spencer County, Indiana from Orion Renewable Power Resources, LLC, a joint venture between Orion Renewable Energy Group LLC and Eolian, L.P. The project, ???



Satellitbild av sydspetsen av Heard Island. Kap Arkona ses p? v?nster sida av bilden, med Lied Glacier strax ovanf?r och Gotley Glacier strax nedanf?r. Big Ben Volcano och Mawson Peak ses l?ngst ned till h?ger p? bilden. Heard- och McDonald?arna, Heard and McDonald Islands, ?r en obebodd australisk ?grupp i s?dra Indiska oceanen.

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Management plans also explain what the objectives are for managing the area, and what the managers will do to help meet those objectives.. It is a requirement of the Environment Protection and Biodiversity Conservation Act 1999 (the EPBC Act), under which the Heard Island and McDonald Islands (HIMI) Marine Reserve was declared, that a management plan be prepared ???



Heard and McDonald Islands Heard and McDonald Islands This is one of the wildest and remotest places on earth. Heard Island is dominated by Big Ben, Australia's highest mountain and an active volcano, under a deep mantle of snow and glaciers. On the horizon, the volcanic McDonald Islands rise precipitously out of the world's stormiest waters.

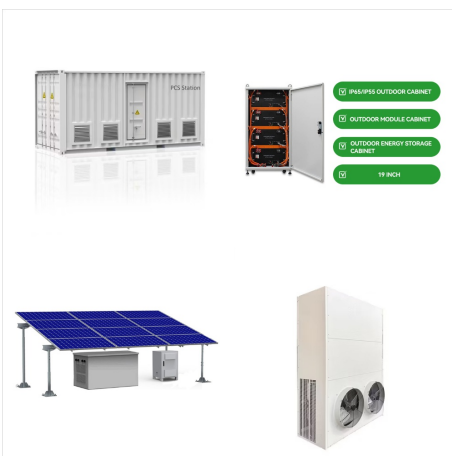
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Conservation values in the marine environment surrounding Heard Island and the McDonald Islands Department of Climate Change, Energy, the Environment and Water v Summary Heard Island and McDonald Islands (HIMI) are an external Territory of Australia, located approximately 4000 kilometres southwest of Australia in the southern Indian Ocean.

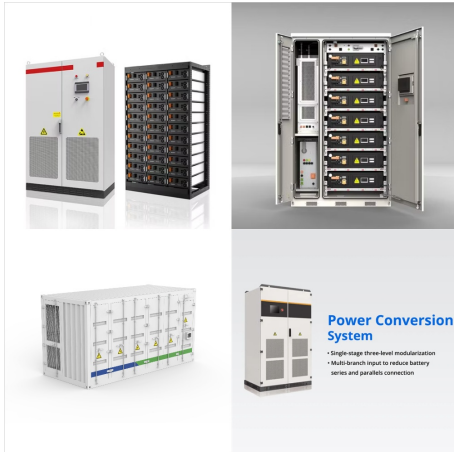


Located in the Southern Ocean, this Australian external territory comprises mainly two volcanic islands, Heard Island and the McDonald Islands, featuring stark volcanic landscapes, glaciers, and the highest mountain in Australian territory, Mawson Peak. Significance.



Heard Island and McDonald Islands in the Southern Ocean A map of Heard Island and McDonald Islands. Heard Island, by far the largest of the group, is a 368-square-kilometre (142 sq mi) mountainous island covered by 41 glaciers [21] (the island is 80% covered with ice [1]) and dominated by the Big Ben massif has a maximum elevation of 2,745 metres (9,006 ft) at ???

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Due to the extreme isolation of Heard Island and McDonald Islands (HIMI), together with the persistently severe weather and sea conditions, human activities in the region have been, and remain, limited. studying the glacial systems of Heard Island as an indicator of climate change and variability; monitoring long-term trends in seabird

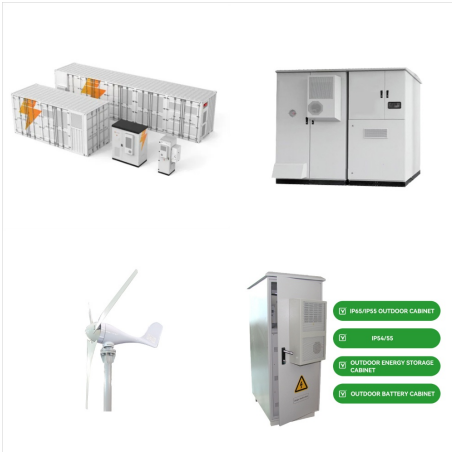


Public consultation paper 1 Purpose of this document The Proposal to expand Heard Island and McDonald Islands Marine Reserve ??? Public consultation paper ("proclamation proposal") has been prepared to support public consultation on the proposed design of an expanded Heard Island and McDonald Islands (HIMI) Marine Reserve.



Commonwealth of Australia since 1953. The Heard Island and McDonald Islands Act 1953 provides the legislative basis for the Territory's administration. Administration of the Territory is the responsibility of the Australian Government department that administers the Heard Island and McDonald Islands Act 1953. This responsibility has

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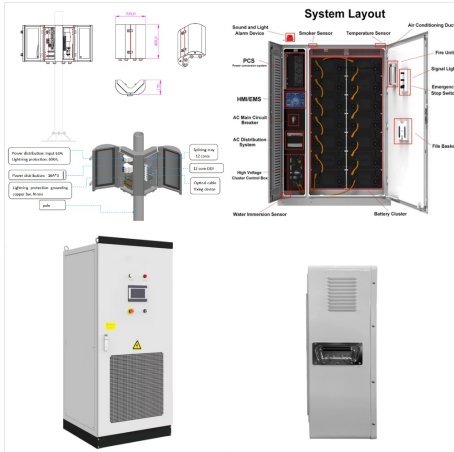


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Many vascular plants are also found on the Heard and McDonald Islands. Elephant seals in Heard Island. Image source: Heard Island Expedition/laikolosse/Flickr. The main native fauna of the Heard and McDonald Islands include several insects along with large populations of seals, penguins, petrels, albatrosses, and other seabirds.



Heard and McDonald Islands (HIMI) are volcanically active sub-Antarctic islands in the southern Indian Ocean (Fig. 42.1) 1997 HIMI were inscribed on the World Heritage List as they demonstrate outstanding examples of active geological and glacial processes, and provide crucial habitat for many unique flora and fauna. The site is of global importance as it is ???



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The Territory of Heard Island and McDonald Islands (HIMI) is an Australian external territory comprising a volcanic group of mostly barren Antarctic islands, about two-thirds of the way from Madagascar to Antarctica. The ???



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Heard Island is 43 km long and 21 km wide. McDonald Islands are a group of uninhabited rocky islets, 40 km west of Heard Island (Encyclopaedia Britannica 2006). Heard Island has approximately 362.5 km² of area and the McDonald Island, 2.6 km². The site includes the adjacent offshore rocks and shoals and all territorial waters to a distance of 12 nautical ???

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Heard Island and McDonald Islands. Antarctica.
Page last updated: November 27, 2024. Photos of Heard Island and McDonald Islands. [view 3 photos.](#) [Country Flag.](#) [View Details.](#) [Country Map.](#) [View Details.](#) [Locator Map.](#) [View Details.](#) [Contents.](#) [Introduction.](#) [Geography.](#) [People and Society](#)



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: Heard Island and McDonald Islands Marine Reserve Management Plan 2014???2024. Department of the Environment, Canberra 2014, ISBN 978-1-876934-25-5 (englisch, online [PDF; 4,5 MB]). Heard Island & McDonald Islands. Offizielle Website. Australian Government ??? Department of the Environment and Energy ??? Australian Antarctic Division (englisch).

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Rapiscan Systems, a leading global supplier of security inspection systems, launches the 935DX, a new model within its growing line of ORION??? X-ray screening systems. The 935DX, among the largest tunnelled conveyor systems on the market, is primarily designed for screening air cargo and pallets.