

## Periodic Report - Second Cycle

### 1. World Heritage Property Data

#### 1.1 - Name of World Heritage Property

Lord Howe Island Group

#### 1.2 - World Heritage Property Details

##### State(s) Party(ies)

- Australia

##### Type of Property

natural

##### Identification Number

186

##### Year of inscription on the World Heritage List

1982


#### 1.3 - Geographic Information Table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Lord Howe Island Group	-31.566 / 159.088	1176	0	1176	1982
<b>Total (ha)</b>		<b>1176</b>	<b>0</b>	<b>1176</b>	

##### Comment

Refer to page 1 of the nomination document. The area inscribed on the List is bounded by the following latitude and longitude coordinates Latitude 31 degrees 25 minutes S - 31 degrees 50 minutes S Longitude 159 degrees 00 minutes E - 159 degrees 20 minutes E. This boundary is shown on the map on page 13 of the nomination document. Total Area of the property is 146,300 ha. Does not require consideration by the WHC.

#### 1.4 - Map(s)

Title	Date	Link to source
The Lord Howe Island Group	23/12/1981	

##### Comment

Map should reflect the map submitted by Australia with the nominations dossier in December 1981 (see page 13) which included the ocean around the island - the area inscribed on the List is bounded by the following latitude and longitude coordinates Latitude 31 degrees 25 minutes S - 31 degrees 50 minutes S Longitude 159 degrees 00 minutes E - 159 degrees 20 minutes E.

#### 1.5 - Governmental Institution Responsible for the Property

##### Comment

Mr Peter Burnett First Assistant Secretary Heritage and Wildlife Division Department of Sustainability, Environment, Water, Population and Communities GPO Box 787 ACT 2601  
Ph: +61 2 6274 1111 Fax: +61 2 6274 2095  
Peter.Burnett@environment.gov.au

#### 1.6 - Property Manager / Coordinator, Local Institution / Agency

- Hank Bower  
World Heritage  
Manager Environment

##### Comment

Position title is: Manager Environment/World Heritage

## Section II - Lord Howe Island Group (186)

### 1.7 - Web Address of the Property (if existing)

1. [The Official Site for Australian Travel and Tourism Australia](#)
2. [View photos from OUR PLACE the World Heritage collection](#)
3. [Natural site datasheet from WCMC](#)
4. [Lord Howe Island \(Department of the Environment, Water, Heritage and the Arts\)](#)

##### Comment

change 4. to Lord Howe Island (Department of Sustainability, Environment, Water, Population and Communities).

### 1.8 - Other designations / Conventions under which the property is protected (if applicable)

## 2. Statement of Outstanding Universal Value

### 2.1 - Statement of Outstanding Universal Value / Statement of Significance

##### Comment

A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, awaiting World Heritage Committee approval in June 2012.

### 2.2 - The criteria (2005 revised version) under which the property was inscribed

(vii)(x)

### 2.3 - Attributes expressing the Outstanding Universal Value per criterion

Lord Howe Island Group values  
<http://www.environment.gov.au/heritage/places/world/lord-howe/values.html>

### 2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

### 2.5 - Comments, conclusions and / or recommendations related to Statement of Outstanding Universal Value

## 3. Factors Affecting the Property

### 3.14. Other factor(s)

#### 3.14.1 - Other factor(s)

3.15. Factors Summary Table

3.15.1 - Factors summary table

	Name	Impact					Origin
<b>3.1</b>	<b>Buildings and Development</b>						
3.1.4 Major visitor accommodation and associated infrastructure		⊖	🚩			🌱	
3.1.5 Interpretative and visitation facilities	+	⊖	🚩			🌱	
<b>3.2</b>	<b>Transportation Infrastructure</b>						
3.2.1 Ground transport infrastructure	+		🚩			🌱	
3.2.2 Air transport infrastructure		⊖		🚩		🌱	
3.2.3 Marine transport infrastructure		⊖		🚩		🌱	
<b>3.3</b>	<b>Services Infrastructures</b>						
3.3.1 Water infrastructure		⊖	🚩			🌱	
3.3.2 Renewable energy facilities	+		🚩			🌱	
3.3.3 Non-renewable energy facilities		⊖	🚩			🌱	
3.3.4 Localised utilities		⊖	🚩	🚩		🌱	
<b>3.4</b>	<b>Pollution</b>						
3.4.1 Pollution of marine waters		⊖		🚩		🌱	
3.4.2 Ground water pollution		⊖	🚩			🌱	
3.4.3 Surface water pollution		⊖	🚩			🌱	
3.4.5 Solid waste		⊖	🚩			🌱	
3.4.6 Input of excess energy		⊖	🚩			🌱	
<b>3.5</b>	<b>Biological resource use/modification</b>						
3.5.1 Fishing/collecting aquatic resources	+	⊖	🚩			🌱	
3.5.4 Livestock farming / grazing of domesticated animals		⊖	🚩			🌱	
3.5.5 Crop production	+	⊖	🚩			🌱	
3.5.6 Commercial wild plant collection	+	⊖	🚩			🌱	
3.5.10 Forestry /wood production	+		🚩			🌱	
<b>3.6</b>	<b>Physical resource extraction</b>						
3.6.2 Quarrying	+	⊖	🚩			🌱	
3.6.4 Water (extraction)		⊖	🚩			🌱	
<b>3.8</b>	<b>Social/cultural uses of heritage</b>						
3.8.2 Society's valuing of heritage	+	⊖	🚩	🚩		🌱	
3.8.5 Identity, social cohesion, changes in local population and community	+		🚩			🌱	
3.8.6 Impacts of tourism / visitor / recreation	+	⊖	🚩	🚩		🌱	
<b>3.9</b>	<b>Other human activities</b>						
3.9.1 Illegal activities		⊖	🚩	🚩		🌱	
<b>3.10</b>	<b>Climate change and severe weather events</b>						
3.10.1 Storms	+	⊖	🚩	🚩		🌱	
3.10.2 Flooding	+	⊖		🚩		🌱	
3.10.3 Drought		⊖		🚩		🌱	
3.10.5 Changes to oceanic waters		⊖		🚩		🌱	
3.10.6 Temperature change		⊖		🚩		🌱	
3.10.7 Other climate change impacts		⊖		🚩		🌱	
<b>3.11</b>	<b>Sudden ecological or geological events</b>						
3.11.3 Tsunami/tidal wave		⊖		🚩		🌱	
3.11.4 Avalanche/ landslide	+	⊖		🚩		🌱	
3.11.5 Erosion and siltation/ deposition		⊖	🚩			🌱	

Name	Impact						Origin
3.11.6 Fire (wildfires)							
<b>3.12 Invasive/alien species or hyper-abundant species</b>							
3.12.1 Translocated species							
3.12.2 Invasive/alien terrestrial species							
3.12.3 Invasive / alien freshwater species							
3.12.4 Invasive / alien marine species							
3.12.5 Hyper-abundant species							
<b>3.13 Management and institutional factors</b>							
3.13.1 Low impact research / monitoring activities							
3.13.2 High impact research / monitoring activities							
3.13.3 Management activities							
<b>Legend</b>	Current	Potential	Negative	Positive	Inside	Outside	

### 3.16. Assessment of current negative factors

#### 3.16.1 - Assessment of current negative factors

	Spatial scale	Temporal scale	Impact	Management response	Trend
<b>3.1 Buildings and Development</b>					
3.1.4 Major visitor accommodation and associated infrastructure	restricted	on-going	minor	high capacity	static
3.1.5 Interpretative and visitation facilities	restricted	intermittent or sporadic	insignificant	high capacity	increasing
<b>3.3 Services Infrastructures</b>					
3.3.1 Water infrastructure	restricted	on-going	significant	high capacity	increasing
3.3.3 Non-renewable energy facilities	restricted	on-going	insignificant	high capacity	static
3.3.4 Localised utilities	restricted	on-going	minor	high capacity	increasing
<b>3.4 Pollution</b>					
3.4.2 Ground water pollution	localised	on-going	significant	high capacity	increasing
3.4.3 Surface water pollution	localised	on-going	minor	medium capacity	static
3.4.5 Solid waste	restricted	on-going	minor	high capacity	increasing
3.4.6 Input of excess energy	restricted	on-going	minor	high capacity	static
<b>3.5 Biological resource use/modification</b>					
3.5.1 Fishing/collecting aquatic resources	localised	intermittent or sporadic	insignificant	high capacity	static
3.5.4 Livestock farming / grazing of domesticated animals	localised	on-going	minor	medium capacity	static
3.5.5 Crop production	localised	intermittent or sporadic	insignificant	low capacity	static
3.5.6 Commercial wild plant collection	extensive	intermittent or sporadic	minor	high capacity	static
<b>3.6 Physical resource extraction</b>					
3.6.2 Quarrying	restricted	intermittent or sporadic	significant	high capacity	static
3.6.4 Water (extraction)	localised	intermittent or sporadic	minor	medium capacity	static
<b>3.8 Social/cultural uses of heritage</b>					
3.8.2 Society's valuing of heritage	extensive	on-going	minor	medium capacity	static
3.8.6 Impacts of tourism / visitor / recreation	localised	frequent	minor	medium capacity	increasing
<b>3.9 Other human activities</b>					
3.9.1 Illegal activities	restricted	one off or rare	significant	high capacity	static
<b>3.10 Climate change and severe weather events</b>					
3.10.1 Storms	extensive	intermittent or sporadic	minor	low capacity	static
<b>3.11 Sudden ecological or geological events</b>					
3.11.5 Erosion and siltation/ deposition	localised	intermittent or sporadic	minor	low capacity	increasing
<b>3.12 Invasive/alien species or hyper-abundant species</b>					
3.12.1 Translocated species	localised	on-going	significant	medium capacity	decreasing
3.12.2 Invasive/alien terrestrial species	widespread	on-going	significant	medium capacity	decreasing
3.12.5 Hyper-abundant species	localised	on-going	insignificant	medium capacity	increasing
<b>3.13 Management and institutional factors</b>					
3.13.2 High impact research / monitoring activities	restricted	intermittent or sporadic	insignificant	high capacity	static

### 3.17. Comments, conclusions and / or recommendations related to factors affecting the property

#### 3.17.1 - Comments

A lack of reliable ongoing and adequate funding to implement eradication projects for priority pest plant and animals species limits the ability of the LHIB to reverse these otherwise manageable negative impacts. Strong legislative policy limits negative impacts. Climate change is a concern for the coral reefs and cloud forests. Mitigating impacts of pest species is critical to increase ecosystem resilience to climate change impacts.

### 4. Protection, Management and Monitoring of the Property

#### 4.1. Boundaries and Buffer Zones

##### 4.1.1 - Buffer zone status

There is no buffer zone, and it is not needed

##### 4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

##### 4.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The property had **no buffer zone** at the time of its inscription on the World Heritage List

##### 4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by both the management authority and local residents / communities / landowners.

##### 4.1.5 - Are the buffer zones of the World Heritage property known?

The property had **no buffer zone** at the time of its inscription on the World Heritage List

##### 4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

The boundary to the World Heritage property should coincide with the boundary of the Commonwealth marine park.

#### 4.2. Protective Measures

##### 4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

Relevant laws include the: National Parks & Wildlife Act (1974, amendment 1981); NSW Environment Planning & Assessment Act (1979); Noxious Weeds Act (1993); Lord Howe Island Regulation (1994); Threatened Species Conservation Act (1995); NSW

Marine Parks Act (1997); and the Environment Protection & Biodiversity Conservation Act (1999).

#### Comment

All World Heritage properties in Australia are 'matters of national environmental significance' protected and managed under national legislation, the Environment Protection and Biodiversity Conservation Act 1999. By law, any action that has, will have or is likely to have a significant impact on the World Heritage values of a World Heritage property must be referred to the responsible Minister for consideration. This includes impacts originating from outside the property boundary.

##### 4.2.2 - Is the legal framework (i.e. legislation and / or regulation) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides an **adequate or better basis** for effective management and protection

##### 4.2.3 - Is the legal framework (i.e. legislation and / or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The property had **no buffer zone** at the time of inscription on the World Heritage List

##### 4.2.4 - Is the legal framework (i.e. legislation and / or regulation) adequate in the area surrounding the World Heritage property and buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the area surrounding the World Heritage property and the buffer zone provides an **adequate or better basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and / or Integrity

##### 4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

There is **acceptable** capacity / resources to enforce legislation and / or regulation in the World Heritage property but some deficiencies remain

##### 4.2.6 - Comments, conclusions and / or recommendations related to protective measures

#### 4.3. Management System / Management Plan

##### 4.3.1 - Management System


#### Comment

Management is governed by plans co-ordinated through the draft LHI Strategic Plan of Management 2010. An Environment/World Heritage officer is employed to provide strategic management of environmental programmes. The New South Wales Marine Parks Authority manages the Commonwealth Marine Park on behalf of DSEWPAC under a service level agreement. A Steering Committee provides a

## Periodic Report - Second Cycle

forum for cooperative planning and management of the adjacent state and Commonwealth marine parks.

### 4.3.2 - Management Documents

Title	Status	Available	Date	Link to source
Lord Howe Island Regional Environmental Plan 1986	N/A	Available	01/01/1986	

#### Comment

Lord Howe Island Local Environmental Plan 2010, LHI Biodiversity Management Plan 2007, LHI NSW Marine Park Zoning Plan 2004 LHI Marine Park Management Plan (Commonwealth waters) 2002 Draft LHI World Heritage Strategic Plan of Management 2010

### 4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property ?

There is coordination between the range of administrative bodies / levels involved in the management of the property but it could be improved

### 4.3.4 - Is the management system / plan adequate to maintain the property's Outstanding Universal Value ?

The management system / plan is **fully adequate** to maintain the property's Outstanding Universal Value

### 4.3.5 - Is the management system being implemented?

The management system is being **fully** implemented and monitored

### 4.3.6 - Is there an annual work / action plan and is it being implemented?

An annual work / action plan exists and **most or all activities** are being implemented and monitored

### 4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

Local communities / residents	Fair
Local / Municipal authorities	Not applicable
Indigenous peoples	Not applicable
Landowners	Fair
Visitors	Good
Researchers	Good
Tourism industry	Good
Industry	Fair

### 4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Local communities **directly contribute** to some decisions relating to management

### 4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and /

## Section II - Lord Howe Island Group (186)

### or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

**No indigenous peoples** are resident in or regularly using the World Heritage property and / or buffer zone

### 4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone?

There is **regular contact** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone and **substantial co-operation** on management

### 4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

### 4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management arrangements for the World Heritage property since inscription or the last Periodic report

## 4.4. Financial and Human Resources

### 4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

Multilateral funding (GEF, World Bank, etc)	0%
International donations (NGO's, foundations, etc)	0%
Governmental (National / Federal)	25%
Governmental (Regional / Provincial / State)	25%
Governmental (Local / Municipal)	50%
In country donations (NGO's, foundations, etc)	0%
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	0%
Commercial operator payments (e.g. filming permit, concessions, etc.)	0%
Other grants	

### 4.4.2 - International Assistance received from the World Heritage Fund (USD)

#### Comment

Not applicable

### 4.4.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is **acceptable** but could be further improved to fully meet the management needs

### 4.4.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding **are secure** in the medium-term and planning is underway to secure funding in the long-term

**4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?**

There is a **major flow** of economic benefits to local communities from activities in and around the World Heritage property

**4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?**

There are **adequate** equipment and facilities

**4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?**

Equipment and facilities are **well maintained**

**4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure**

Require secure and adequate funding to deliver priority plant and animal pest eradication programs. To date funds are subject to grant applications and do not deliver the required targets to achieve eradication due to resource fluctuations. Projects are well progressed and continued funding is necessary to ensure works are maintained and secure the investment to date. Island community of 350 people fund over \$500,000 worth of projects. Require financial assistance to deliver eradications.

**4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)**

Full-time	95%
Part-time	5%

**4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)**

Permanent	90%
Seasonal	10%

**4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)**

Paid	99%
Volunteer	1%

**4.4.12 - Are available human resources adequate to manage the World Heritage property?**

A range of human resources exist, but these are **below optimum** to manage the World Heritage Property.

**4.4.13 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines**

Research and monitoring	Fair
Promotion	Poor
Community outreach	Fair
Interpretation	Fair
Education	Fair
Visitor management	Good
Conservation	Good
Administration	Good
Risk preparedness	Good

Tourism	Good
Enforcement (custodians, police)	Good

**4.4.14 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines**

Research and monitoring	Low
Promotion	Low
Community outreach	Low
Interpretation	Low
Education	Low
Visitor management	Medium
Conservation	Low
Administration	Low
Risk preparedness	Medium
Tourism	Medium
Enforcement (custodians, police)	Medium

**4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?**

A capacity development plan or programme is **in place and fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

**4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training**

**4.5. Scientific Studies and Research Projects**

**4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values of the World Heritage property is **sufficient**

**4.5.2 - Is there a planned programme of research at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?**

There is a **comprehensive, integrated programme of research**, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

**4.5.3 - Are results from research programmes disseminated?**

Research results are **shared with local participants and some national agencies**

**4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report**

The recovery programme for the Lord Howe Island Phasmid (*Dryococelus australis*) following its rediscovery. By Nicholas Carlile, David Priddel and Patrick Honan. S124 ECOLOGICAL MANAGEMENT & RESTORATION VOL 10 NO S1 MAY 2009. The Lord Howe Island Biodiversity Management Plan:

**Periodic Report - Second Cycle**

An integrated approach to recovery planning. By Dianne Brown and Lynn Baker. S70 ECOLOGICAL MANAGEMENT & RESTORATION VOL 10

**4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects**

**4.6. Education, Information and Awareness Building**

**4.6.1 - At how many locations is the World Heritage emblem displayed at the property?**

In many locations, but not easily visible to visitors

**4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

Local communities / residents	Average
Local / Municipal authorities within or adjacent to the property	Not applicable
Local Indigenous peoples	Not applicable
Local landowners	Average
Visitors	Average
Tourism industry	Average
Local businesses and industries	Average

**4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?**

There is a planned education and awareness programme but it only **partly meets the needs** and could be improved

**4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?**

World Heritage status has been an **important influence** on education, information and awareness building activities

**4.6.5 - How well is the information on Outstanding Universal Value of the property presented and interpreted?**

The Outstanding Universal Value of the property is adequately presented and interpreted **but improvements could be made**

**4.6.6 - Please rate the adequacy for education, information and awareness building of the following visitor facilities and services at the World Heritage property**

Visitor centre	Adequate
Site museum	Excellent
Information booths	Adequate
Guided tours	Adequate
Trails / routes	Adequate
Information materials	Adequate
Transportation facilities	Adequate
Other	

**Section II - Lord Howe Island Group (186)**

**4.6.7 - Comments, conclusions and / or recommendations related to education, information and awareness building**

**4.7. Visitor Management**

**4.7.1 - Please provide the trend in annual visitation for the last five years**

Last year	Static
Two years ago	Static
Three years ago	Minor Increase
Four years ago	Minor Increase
Five years ago	Minor Increase

**4.7.2 - What information sources are used to collect trend data on visitor statistics?**

Accommodation establishments
Transportation services
Tourism industry
Visitor surveys

**4.7.3 - Visitor management documents**

**Comment**

LHI Tourism Plan 2010 LHI Tourism Strategic Business Plan 2010

**4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property which ensures that its Outstanding Universal Value is maintained?**

Visitor use of the World Heritage property is managed **but improvements could be made**

**4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?**

There is **excellent co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

**4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?**

The fee is collected, and makes **some contribution** to the management of the World Heritage property

**4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property**

The LHIB has an environmental levy, paid by all visitors to the property, that is used for funding staff to deliver on-ground activities that assist in managing the world heritage property. Additional funding is required to ensure priority pest plant and animal eradication programs can be effectively implemented to achieve eradication.

**4.8. Monitoring**

**4.8.1 - Is there a monitoring programme at the property which is directed towards management**

**needs and / or improving understanding of Outstanding Universal Value?**

There is a **comprehensive, integrated programme** of monitoring, which is relevant to management needs and / or improving understanding of Outstanding Universal Value

**4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?**

Information on the values of the World Heritage property is sufficient and key indicators have been defined but **monitoring the status of indicators could be improved**

**4.8.3 - Please rate the level of involvement in monitoring of the following groups**

World Heritage managers / coordinators and staff	Average
Local / Municipal authorities	Not applicable
Local communities	Poor
Researchers	Excellent
NGOs	Excellent
Industry	Poor
Local indigenous peoples	Not applicable

**4.8.4 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?**

Implementation is **underway**

**4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee**

**4.8.6 - Comments, conclusions and / or recommendations related to monitoring**

**4.9. Identification of Priority Management Needs**

**4.9.1 - Please select the top 6 managements needs for the property (if more than 6 are listed below)**

Please refer to question 5.2



5. Summary and Conclusions

5.1. Summary - Factors affecting the Property

5.1.1 - Summary - Factors affecting the Property

	World Heritage criteria and attributes affected	Actions	Monitoring	Timeframe	Lead agency (and others involved)	More info / comment
<b>3.3</b>	<b>Services Infrastructures</b>					
3.3.1	<b>Water infrastructure</b>	Criterion (viii) contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance, areas of exceptional natural beauty or exceptional combinations of natural and cultural elements. Criterion (x) contain the most important and significant natural habitats for in-situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	draft waste water strategy 2010 developed.	ground water monitoring from wells currently undertaken periodically	waste water issues are targeted to be resolved by 2013.	LHIB NSW treasury Commonwealth DDEWHA SEWPaC NSW Health Dept NSW DECCW
<b>3.4</b>	<b>Pollution</b>					
3.4.2	<b>Ground water pollution</b>	Criterion (vii) contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion (x) contain the most important and significant natural habitats for in-situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	ground water monitoring program in place. More detailed monitoring of extraction rates is required.	some monitoring undertaken, mainly targeting health parameters. Need to implement a more thorough monitoring program to monitor extraction rates.	monitoring commenced. More monitoring and action required	LHIB  over extraction results in saline intrusion and possible intrusion from failing on site sewage systems. Saline intrusion makes ground water unusable for agriculture
3.4.5	<b>Solid waste</b>					
<b>3.8</b>	<b>Social/cultural uses of heritage</b>					
3.8.2	<b>Society's valuing of heritage</b>					
<b>3.12</b>	<b>Invasive/alien species or hyper-abundant species</b>					
3.12.1	<b>Translocated species</b>	Criterion (vii) contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion (x) contain the most important and significant natural habitats for in-situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	pest plant and animal eradication plans prepared and implementation commenced. Control operations for species not identified for eradication commenced. Plant importation policy restricts imports of new plants. Animal imports require LHIB approval	monitoring well commenced for weed eradication program. Baseline surveys undertaken for rodents	Weed eradication strategy commenced 2004 and due for completion 2034. rodent eradication plan exhibited 2009. Provision of sufficient funds will enable completion within 4 years from commencement	LHIB, NSW DECCW  work in this area is well progressed (see invasive alien species).

		<b>World Heritage criteria and attributes affected</b>	<b>Actions</b>	<b>Monitoring</b>	<b>Timeframe</b>	<b>Lead agency (and others involved)</b>	<b>More info / comment</b>
3.12.2	<b>Invasive/alien terrestrial species</b>	Criterion (vii) contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion (x) contain the most important and significant natural habitats for in-situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	pest plant and animal eradication plans prepared and implementation commenced. Control operations for species not identified for eradication commenced. Plant importation policy restricts imports of new plants. Animal imports require LHIB approval	monitoring well commenced for weed eradication program. Baseline surveys undertaken for rodents. With reliable funding detailed pre eradication surveys will be undertaken for a wide range of parameters.	Weed eradication strategy commenced 2004 and due for completion 2034. Rodent eradication plan exhibited 2009. Research and planning is still underway. Provision of sufficient funds will enable completion within 4 years from commencement	LHIB, NSW DECCW commonwealth DDEWHA SEWPac NSW Environmental Trust	Work in dealing with alien invasive species is well progressed with significant investment to date. Reliable annual funding is required to secure works done to date. Failure to follow up areas previously treated will erode investment to date.

## 5.2. Summary - Management Needs

### 5.2.2 - Summary - Management Needs

Answers provided have not outlined any serious management need.

### 5.3. Conclusions on the State of Conservation of the Property

#### 5.3.1 - Current state of Authenticity

**Not applicable** (for sites inscribed exclusively under criteria vii to x)

#### 5.3.2 - Current state of Integrity

The integrity of the World Heritage property has been **compromised** by factors described in this report

#### 5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

The World Heritage property's Outstanding Universal Value has been **impacted** by factors described in this report, but this situation is being **addressed through effective management actions**.

#### 5.3.4 - Current state of the property's other values

Other important cultural and / or natural values are being **partially degraded** but the state of conservation of the World Heritage property has not been significantly impacted

### 5.4. Additional comments on the State of Conservation of the Property

#### 5.4.1 - Comments

Pest plant and animal invasions continue to degrade the islands biodiversity, negatively impacting on endemic/native species. Climate change poses a serious threat to the islands coral reefs & cloud forests & further exacerbates impacts imposed by pest plant and animals on native biodiversity. Removal of threats by pest plant and animals will improve resilience of native species to climate change

## 6. World Heritage Status and Conclusions on Periodic Reporting Exercise

### 6.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Negative
Funding for the property	Positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal / Policy framework	Very positive
Lobbying	Positive
Institutional coordination	Positive
Security	Very positive
Other (please specify)	Not applicable

### 6.2 - Comments, conclusions and / or recommendations related to World Heritage status

Whilst listing funding as positive, the LHIG WH property requires reliable funds to deliver key eradication programs for pest plants and rodents. Both projects have commenced with significant investment to date. Ongoing investment is required to secure the work done to date. Weed eradication has removed 18 million weeds since 2004 and the pressure must be maintained to ensure weeds do not reinvade treated areas.

### 6.3 - Entities involved in the preparation of this Section of the Periodic Report

Site Manager/Coordinator/World Heritage property staff
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### 6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

yes

### 6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

the questionnaire failed to identify needs for 4.9. Identification of Priority Management Needs and 5.2. Summary - Management Needs.

### 6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

UNESCO	Good
State Party Representative	Good
Advisory Body	Fair

### 6.7 - How accessible was the information required to complete the Periodic Report?

Most of the required information was accessible

### 6.8 - The Periodic Reporting process has improved the understanding of the following

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and / or Authenticity

### 6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

UNESCO	Not Applicable
State Party	Not Applicable
Site Managers	Not Applicable
Advisory Bodies	Not Applicable

### 6.10 - Summary of actions that will require formal consideration by the World Heritage Committee

- **Statement of Outstanding Universal Value / Statement of Significance**

Reason for update: A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, awaiting World Heritage Committee approval in June 2012.

- **Geographic Information Table**

Reason for update: Refer to page 1 of the nomination document. The area inscribed on the List is bounded by

the following latitude and longitude coordinates Latitude 31 degrees 25 minutes S - 31 degrees 50 minutes S Longitude 159 degrees 00 minutes E - 159 degrees 20 minutes E. This boundary is shown on the map on page 13 of the nomination document. Total Area of the property is 146,300 ha. Does not require consideration by the WHC.

• **Map(s)**

Reason for update: Map should reflect the map submitted by Australia with the nominations dossier in December 1981 (see page 13) which included the ocean around the island - the area inscribed on the List is bounded by the following latitude and longitude coordinates Latitude 31 degrees 25 minutes S - 31 degrees 50 minutes S Longitude 159 degrees 00 minutes E - 159 degrees 20 minutes E.

**6.11 - Comments, conclusions and / or recommendations related to the Assessment of the Periodic Reporting exercise**