

Gorham's Cave Complex

1. World Heritage Property Data

1.1 - Name of World Heritage property

Gorham's Cave Complex

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Gorham's Cave Complex	36.123 / -5.342	28	313	341	2016
Total (ha)		28	313	341	

1.4 - Map(s)

Title	Date	Link to source
Gorham's Cave Complex - map of inscribed property	2016	

1.5 - Web and Social Media data of the property (if applicable)

Comment

<https://www.gorhamscave.gi/>; <https://www.facebook.com/GorhamsCaveGibraltar/>; <https://www.facebook.com/groups/202777843167670/>;
<https://twitter.com/gorhamscave/>; <https://www.youtube.com/channel/UC6CRt2qj7STT4OsQm88n2wQ>; <https://www.instagram.com/gorhamscave/>

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		×
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		×
2.1.5	Global Geoparks Network UNESCO Global Geoparks		×

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

Yes

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

Yes

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

Yes

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	✕
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	✕
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	✕
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

There is occasional contact between the WHS Manager and, particularly the HMGoG Department of the Environment. Such initial contacts have included preliminary consideration of future proposals in respect of these programmes.

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief Synthesis

Located on the eastern side of the Rock of Gibraltar, steep limestone cliffs contain four caves with extensive archaeological and palaeontological deposits that provide evidence of Neanderthal occupation over a span of 100,000 years. These caves have provided extensive evidence of Neanderthal life, including rare evidence of exploitation of birds and marine animals for food; and use of bird feathers and abstract rock engravings, both indicating new evidence of the cognitive abilities of the Neanderthals. The sites are complemented by their steep limestone cliff settings, and the present-day flora and fauna of Gibraltar, much of which can be also identified in the rich palaeo-environmental evidence from the excavations. While long-term scientific research is continuing, these sites have contributed substantially to the debates about the Neanderthal and human evolution. The attributes that express this value are the striking cluster of caves containing intact archaeological deposits that provide evidence of Neanderthal and early modern human occupation of Gibraltar and the landscape setting which assists in presenting the natural resources and environmental context of Neanderthal life.

Criterion (iii): Gorham's Cave Complex provides an exceptional testimony to the occupation, cultural traditions and material culture of Neanderthal and early modern human populations through a period spanning approximately 120,000 years. This is expressed by the rich archaeological evidence in the caves, the rare rock engravings at Gorham's Caves (dated to more than 39,000 years ago), rare evidence of Neanderthal exploitation of birds and marine animals for food, and the ability of the deposits to depict the climatic and environmental conditions of the peninsula over this vast span of time. The archaeological and scientific potential of the caves continues to be explored through archaeological research and scientific debates, providing continuing opportunities for understanding Neanderthal life, including their capacity for abstract thinking.

Integrity

The boundary includes all elements necessary to express the Outstanding Universal Value of this property, including the setting of the caves in relation to the topography and vegetation of Gibraltar (limestone cliffs, fossil sand dunes, fossil beaches, scree slopes, shorelines and flora and fauna). The property is vulnerable to sea level rises, flooding and other effects of climate change.

Authenticity

The authenticity of this property is demonstrated by the substantial stratified archaeological deposits in the caves, the landforms that contain the caves and demonstrate the geomorphological history of Gibraltar, and the cliff vegetation and fauna that can be associated with the environmental conditions of the past.

Protection and management requirements

The property and most of the buffer zone are located within the Gibraltar Nature Reserve (Upper Rock Nature Reserve). The property and its buffer zone are given legal protection by Gibraltar Heritage Trust Act (1989), the Nature Protection Act (1991) the Town Planning Act (1999), the Town Planning (Environment Impact Assessment) Regulations (2000), and the Nature Conservation Area (Upper Rock) Designation Order (2013). The individual caves containing evidence of Neanderthal and early modern human occupation are protected as Schedule 1 Category A (maximum protection) sites under the Gibraltar Heritage Trust Ordinance.

Development is regulated by the Town Planning Act and by implementation of policies in the Gibraltar Development Plan (2009), including the 2014 Town Planner's amendments. Planning controls and procedures are enforced by the Development and Planning Commission.

The area of sea adjacent to the property is located within the Eastern Marine Conservation Zone, protected as a marine area of conservation through European Union legislation (European Marine Special Area of Conservation), and Gibraltar legislation (Marine Nature Reserve Regulations (1995), the Marine Strategy Regulations (2011) and the Marine Protection Regulations (2014)).

The property is managed by the Gibraltar Museum. The Executive Management Group (comprised of relevant government agencies) oversees the implementation of the management system, assisted by the Museum's multi-disciplinary World Heritage team. The Executive Management Group reports to a Steering Committee (Advisory Forum) which includes a wide spectrum of stakeholders. The International Research and Conservation Committee assists in establishing research programs and reviewing scientific outcomes. Levels of resourcing, including staffing are reviewed annually.

Management plans are in place for the property and for the (larger) Gibraltar Nature Reserve. The latter will be revised to ensure compatibility with the World Heritage inscription and to ensure priority is given to the retention of the Outstanding Universal Value of the property. The management system is further supported by the Risk Preparedness Plan, Research and Conservation Strategy and Integrated Visitor Strategy. A five-year Archaeological Excavation Action Plan (2016-2020) outlines the planned work and addresses the need to balance excavation and the conservation of deposits.

While visitor pressure is not a current threat, it is likely that visitation will increase. Access to the caves is strictly controlled, and visitors must be accompanied by a guide approved by the Director of the Gibraltar Museum. Monitoring is in place and the carrying capacity of the property is reviewed annually. Implementation of the Integrated Visitor Strategy will improve the visitor experiences and presentation of the Outstanding Universal Value.

Comment

There are a number of factual updates to the protection and management requirements that can be provided separately.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Neanderthal archaeology in Gorham's, Vanguard, Bennett's and Hyaena Caves	✗			
3.2.2	First Modern Human archaeology and parietal art in Gorham's, Martin's and Goat's Hair Twin Caves	✗			
3.2.3	Jurassic limestone cliffs and associated geological features	✗			
3.2.4	Vegetation on Mediterranean Steps and adjacent cliffs	✗			
3.2.5	Extant fauna, also present in fossil record, and associated ecological processes	✗			
3.2.6	Intertidal community on the rocky beach by Gorham's and Vanguard Caves	✗			
3.2.7					
3.2.8					
3.2.9					
3.2.10					

3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Relevant	✕ Not relevant
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4.1.2 - Commercial development

Relevant	✕ Not relevant
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4.1.3 - Industrial areas

Relevant	✕ Not relevant
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4.1.4 - Major visitor accommodation and associated infrastructure

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕		✕		✕			📈
🔴 Negative							

4.1.5 - Interpretative and visitation facilities

✕ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕	✕		📉		

4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

The existing Cable Car station within the Buffer Zone is being refurbished and will enhance the visitor observation and accessibility of the site. A new hotel (in the Buffer Zone), that will replace the Caleta Hotel, will improve the visitor experience for overnight visitors. Interpretation of the WHS in the new hotel is planned. Changes to the existing Clay Target Shooting facilities have improved its appearance and it now blends in to the background better than before.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Relevant	✕ Not relevant
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4.2.2 - Underground transport infrastructure

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Relevant	✕ Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Relevant	✕ Not relevant
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4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Relevant

✕ Not relevant

4.3.2 - Renewable energy facilities

Relevant

✕ Not relevant

4.3.3 - Non-renewable energy facilities

Relevant

✕ Not relevant

4.3.4 - Localised utilities

Relevant

✕ Not relevant

4.3.5 - Major linear utilities

Relevant

✕ Not relevant

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

4.4. Pollution

4.4.1 - Pollution of marine waters

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕		✕		✕			

4.4.2 - Ground water pollution

Relevant

✕ Not relevant

4.4.3 - Surface water pollution

Relevant

✕ Not relevant

4.4.4 - Air pollution

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕		✕		✕			

4.4.5 - Solid waste

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕			✕			

4.4.6 - Input of excess energy

Relevant

✕ Not relevant

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

The temporary household waste facility which was present at the time of inscription, is subject to ongoing review with the aim of its eventual relocation away from the current area.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

<input checked="" type="checkbox"/> Relevant			<input type="checkbox"/> Not relevant				
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

4.5.2 - Aquaculture

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.3 - Land conversion

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.4 - Livestock farming/Grazing of domesticated animals

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.5 - Crop production

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.6 - Commercial wild plant collection

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.7 - Subsistence wild plant collection

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.8 - Commercial hunting

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.9 - Subsistence hunting

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.10 - Forestry/Wood production

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

Fishing was an activity at the time of inscription. It has come under increasing control and is now subject to strict permit issue. The waters are monitored by Enforcement Officers from the Environment Department. The attributes of OUV are not affected in any way.

4.6. Physical resource extraction

4.6.1 - Mining

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.6.2 - Quarrying

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.6.3 - Oil and gas

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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

4.6.4 - Water (extraction)

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕		✕	✕		→	

4.7.2 - Relative humidity

Relevant	✕ Not relevant
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4.7.3 - Temperature

Relevant	✕ Not relevant
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
4.7.4 - Radiation/Light

Relevant	✕ Not relevant
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4.7.5 - Dust

Relevant	✕ Not relevant
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4.7.6 - Water (rain/water table)

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕		✕	✕		→	

4.7.7 - Pests

Relevant	✕ Not relevant
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4.7.8 - Micro-organisms

Relevant	✕ Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

This site is exposed to the elements, as it has been for millennia. Erosion, caused by wind and wave action, is part of the natural processes impacting on the site. Protective gabions have been placed at the entrance to the sea-level caves, as an anticipatory measure to mitigate any future sea level rise.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Relevant	✕ Not relevant
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4.8.2 - Society's valuing of heritage

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕			↗
 Negative							

4.8.3 - Indigenous hunting, gathering and collecting

Relevant	✕ Not relevant
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4.8.4 - Changes in traditional ways of life and knowledge system












Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.5 - Identity, social cohesion, changes in local population and community

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.6 - Impacts of tourism/Visitation/Recreation

<input checked="" type="checkbox"/> Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
 Negative <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

Education and social awareness programmes have generated a great interest of the WHS within the local community. The creation of an observation platform, at the time of inscription, along with the strict regulation and control of visitor numbers to the sensitive archaeological site, have had a positive effect. The impact of visitors to non-sensitive areas of the site (e.g. The Mediterranean Steps) is monitored and considered stable.

4.9. Other human activities

4.9.1 - Illegal activities

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.2 - Deliberate destruction of heritage

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.3 - Military training

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.4 - War

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.5 - Terrorism

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.6 - Civil unrest











Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

4.10. Climate change and severe weather events

4.10.1 - Storms

<input checked="" type="checkbox"/> Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			

4.10.2 - Flooding

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.10.3 - Drought

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.10.4 - Desertification

Relevant	✕ Not relevant
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4.10.5 - Changes to oceanic waters

Relevant	✕ Not relevant
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4.10.6 - Temperature change

Relevant	✕ Not relevant
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4.10.7 - Other climate change impacts

Relevant	✕ Not relevant
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4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

As described in the previous section, the site is subject to wave action during storms. This has always been a characteristic of the site, and is regularly monitored and managed, and protective gabions have been placed at the entrance to the sea-level caves, as an anticipatory measure to mitigate any future sea level rise.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Relevant	✕ Not relevant
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4.11.2 - Earthquake

Relevant	✕ Not relevant
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4.11.3 - Tsunami/Tidal wave

Relevant	✕ Not relevant
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4.11.4 - Avalanche/Landslide

Relevant	✕ Not relevant
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4.11.5 - Erosion and siltation/Deposition

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕	✕	✕		➡	

4.11.6 - Fire (wildfire)

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕	✕	✕		➡	

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

The site is potentially subject to the factors indicated above, but the risk is considered to be very low.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Relevant	✕ Not relevant
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4.12.2 - Invasive/Alien terrestrial species

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing

Positive							
Negative							

4.12.3 - Invasive/Alien freshwater species

Relevant	Not relevant
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4.12.4 - Invasive/Alien marine species

Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.12.5 - Hyper-abundant species

Relevant	Not relevant
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4.12.6 - Modified genetic material

Relevant	Not relevant
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4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

The area harbours a number of introduced plants, some of which are considered invasive. These are kept under control as far as possible. Removal programmes are in place. With regard to the intertidal organisms, there is always the risk of invasive species entering, although there is no undue concern at this stage.

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.13.2 - Legal framework

Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.13.3 - Governance


Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.13.4 - Management activities

Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							

 Negative							
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4.13.5 - Financial resources

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.13.6 - Human resources

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.13.7 - Low impact research/monitoring activities

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

4.13.8 - High impact research/monitoring activities

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative 							

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively













In general terms, the management and protection of the property has improved even further from the time of inscription, largely due to enhancement of the existing legislation. The implementation of the Management Plan has also benefitted the site. Archaeological excavations proceed annually and are strictly controlled by licence issued to the GNM; all excavations form part of a research programme and annual plan approved by the IRCC.

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.4 Major visitor accommodation and associated infrastructure						
4.1.5 Interpretative and visitation facilities						
						
4.4 Pollution						
4.4.1 Pollution of marine waters						
						

4.4.4 Air pollution						
	⊖		⚠		↺	↗
4.4.5 Solid waste						
	⊖	⚠			↺	↗
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
	⊖		⚠		↺	↗
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
	⊖	⚠		⊕	↺	→
4.7.6 Water (rain/water table)						
	⊖	⚠		⊕	↺	→
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage	⊕	⚠		⊕	↺	↗
4.8.6 Impacts of tourism/Visitation/Recreation	⊕	⚠		⊕	↺	↗
	⊖		⚠	⊕	↺	→
4.10 Climate change and severe weather events						
4.10.1 Storms						
	⊖	⚠			↺	→
4.11 Sudden ecological or geological events						
4.11.5 Erosion and siltation/Deposition						
	⊖		⚠	⊕	↺	→
4.11.6 Fire (wildfire)						
	⊖		⚠	⊕	↺	→
4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
	⊖	⚠		⊕	↺	↗
4.12.4 Invasive/Alien marine species						
	⊖		⚠		↺	→
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	⊕	⚠		⊕	↺	→
4.13.2 Legal framework	⊕	⚠		⊕	↺	→
4.13.3 Governance	⊕	⚠		⊕	↺	→
4.13.4 Management activities	⊕	⚠		⊕	↺	→
4.13.5 Financial resources	⊕	⚠		⊕	↺	→
4.13.6 Human resources	⊕	⚠		⊕	↺	→

4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
Legend	Current	Potential	Negative	Positive	Inside	Outside

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development



Name	Impact			Origin		Trend
4.1.4 Major visitor accommodation and associated infrastructure						

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						



Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input checked="" type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

4.4 Pollution

Name	Impact			Origin		Trend
4.4.1 Pollution of marine waters						
						

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor

	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.4.4 Air pollution			
			

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.4.5 Solid waste			





Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
<input checked="" type="checkbox"/>	On-going						
Impact - Impact on the attributes							
<input checked="" type="checkbox"/>	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
<input checked="" type="checkbox"/>	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
<input checked="" type="checkbox"/>	Static						
	Increasing						

4.5 Biological resource use/modification




Name	Impact			Origin		Trend
4.5.1 Fishing/collecting aquatic resources						
Spatial scale - Area affected by the factor						
	Restricted					
<input checked="" type="checkbox"/>	Localised					
	Extensive					
	Widespread					
Temporal scale - Occurrence of the impact						
	One off or rare					
	Intermittent or sporadic					
	Frequent					
<input checked="" type="checkbox"/>	On-going					
Impact - Impact on the attributes						

✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

4.7 Local conditions affecting physical fabric




Name	Impact			Origin		Trend
4.7.1 Wind						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.6 Water (rain/water table)			
			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic

	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.8.6 Impacts of tourism/Visitation/Recreation						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

✕	Static
	Increasing

4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.5 Erosion and siltation/Deposition			
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread



Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						





Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity

	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.2 Invasive/Alien terrestrial species			
	 	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.12.4 Invasive/Alien marine species			
	 		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive






	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.13 Management and institutional factors

Name	Impact			Origin		Trend
4.13.1 Management system/Management plan						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major






Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance	 	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised

	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.4 Management activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.5 Financial resources	 	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major






Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.6 Human resources	 	 	









Spatial scale - Area affected by the factor	
	Restricted
	Localised

	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.8 High impact research/monitoring activities	 		
	 		

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1 Neanderthal archaeology in Gorham's, Vanguard, Bennett's and Hyaena Caves	✕			

4.18.1.2	First Modern Human archaeology and parietal art in Gorham's, Martin's and Goat's Hair Twin Caves	×			
4.18.1.3	Jurassic limestone cliffs and associated geological features	×			
4.18.1.4	Vegetation on Mediterranean Steps and adjacent cliffs	×			
4.18.1.5	Extant fauna, also present in fossil record, and associated ecological processes	×			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

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

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised by both** the management authority and local communities/landowners

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

5.2. Protective Measures

5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

Comment

Several items of legislation have been introduced or updated since 2016, and are listed in 5.2.2 below. The earlier legislation is included in the Nomination Dossier.

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

2018 / Heritage and Antiquities Act / Primary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/heritage-and-antiquities-act-2018-4356>

2019 / Gorham's Cave Complex Regulations / Secondary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/gorhams-cave-complex-regulations-2019-4558>

2018 / Town Planning Act / Primary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/town-planning-act-2018-4536>

2019 / Town Planning (Environment Impact Assessment) Regulations / Secondary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/town-planning-environmental-impact-assessment-regulations-2019-4683>

2019 / Nature Conservation (Designation Of Gibraltar Nature Reserve) Order / Secodary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/nature-conservation-designation-of-gibraltar-nature-reserve-order-2019-4523> /td>

2019 / Climate Change Act / Primary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/climate-change-act-2019-4688>

2023 / Gibraltar National Park Act 2023 / Primary legislation /

<https://www.gibraltarlaws.gov.gi/legislations/gibraltar-national-park-act-2023-6894>

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

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

5.2.4 - 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 **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate 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

5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

The WHO(G) supervises the site and implementation of legislation. It is a formal Consultee with respect to all planning applications submitted to the Town Planner for projects in the site, BZ, & 100m (min) belt outside the BZ. The WHO(G) liaises closely with local enforcement agencies, particularly the RG Police. 24-hour camera

vigilance of sea access by a local security company. Land access is controlled by MOD in liaison with WHO(G). The Environment Dept EPRU carries out sea patrols.

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

The WHO(G) is fully satisfied that the current legal protection and consequent measures of protection of the property are adequate. These measures are under constant review.

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system joint national/ local

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A management plan
An annual work plan or business plan
A disaster, climate or conflict risk management plan
A visitor/visitation management plan
An environmental management framework
An assessment of biological and cultural diversity and ecosystem services provided by the property
A joint approach to management of cultural and natural heritage

5.3.3 - Please give a brief description of the management system currently in place at your property

The current management system is supported by primary and secondary legislation. A Management Plan provides the basis for the management of the site by the WHO(G), on behalf of HM Government of Gibraltar. It consults with stakeholders via World Heritage Advisory Forum. Regular liaison with government departments and via an Executive Management (Dept) Group. Research programmes are reviewed by an independent International Research and Conservation Committee. Annual Action Plans are in place.

5.3.4 - Management Documents

Comment

The Management Plan, which is under review, is nearly complete, and it is planned to be submitted by July 2023 alongside this questionnaire.

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

Some use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

Part of the property is at sea level and therefore at risk of potential sea level rise. There is no evidence of risk from storms, but gabions have been placed to protect from wave action. Careful monitoring of impacts after storms show no adverse effects. A research project is currently examining past sea level changes (since 125 ka), at this site, making use of some of the attributes of OUV of the site, which record past climate change. This may become an exemplary model for other WH sites.

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

A Risk Preparedness Plan assesses all risks, in particular potential major risks and potential disasters. It consolidates in one place those risks identified as particular to the property and its associated attributes, and the concomitant avoidance or mitigation measures. The Plan is intended to ensure that the WHS is incorporated into existing risk preparedness and disaster management schemes. The Plan is primarily aimed at the property's managers, management teams, agencies and stakeholders.

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **adequate coordination** between all bodies/levels involved in the management of the property

5.3.12 - 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

5.3.13 - Is the management system being implemented?

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

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

An annual work/action plan **exists** and **all of its activities** are being implemented and monitored

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities	✗				
5.3.15.2	Local authorities				✗	
5.3.15.3	Landowners in the property and the buffer zone				✗	
5.3.15.4	Indigenous peoples	✗				
5.3.15.5	Women				✗	
5.3.15.6	Other specific groups	✗				
	If you selected, 'Other specific groups' please specify					

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					✗
5.3.16.2	Local/Municipal authorities					✗
5.3.16.3	Indigenous peoples	✗				
5.3.16.4	Landowners					✗
5.3.16.5	Women					✗
5.3.16.6	Youth/Children					✗
5.3.16.7	Researchers					✗
5.3.16.8	Local Visitors/Tourists					✗
5.3.16.9	National/International tourists					✗
5.3.16.10	Tourism Industry					✗
5.3.16.11	Local businesses and industries					✗
5.3.16.12	NGOs					✗
5.3.16.13	Other specific groups	✗				
	If you selected 'Other specific groups', please specify					

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality					✗
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)					✗
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status					✗
5.3.17.4	The management system of the property integrates a human rights-based approach					✗
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood					✗
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property					✗

5.3.18 - Please provide further details on the ratings of the management system given in the table above

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	0 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	100 %	100 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

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

The available **budget is adequate** for effective management of the World Heritage property

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

The existing sources of funding are **secure over both the medium- and long-term**

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

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	38 %	100 %
6.1.6.2	Women	62 %	0 %
		Total 100 %	Total 100 %

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

Human resources are **adequate** for management needs

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

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Good
Capacity development and education	Good
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Fair

Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

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

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Good
Capacity development and education	Good
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Fair
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

Some use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A site-based capacity building plan or programme is in place and fully implemented; **all technical skills are being transferred** to those managing the property locally

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

The WHO(G) is a small but highly skilled and qualified unit. This expertise is transferred to site managers and other site users via lecture programmes, and other in situ outreach and training programmes. An annual conference organised by the GNM brings in world experts in a range of heritage and natural history fields and assists in the development of networks and capacity building for the WHO(G) team. In respect of other skills, two-way transference occurs between the WHO(G) and HMGoG Depts.

7. Scientific Studies and Research Projects

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

Knowledge about the values and attributes of the World Heritage property is **adequate**

7.2 - 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

7.3 - Are results from research programmes publicly available and disseminated?

Research results **are shared widely with active outreach** to local communities and national and international audiences

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

8. Education, Information and Awareness Building

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

Local communities	Good
Local/municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Good

Women	Good
Youth/children	Good
Researchers	Good
Local visitors	Good
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
Landowners
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

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

Visitor centre	Good
Site museum	Good
Information booths	Not needed
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Not needed
Other	Not needed
If 'Other' is selected, please specify	

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

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

575,468 / 213,561 / 145,834 / 1,041,961 / 1,031,415 /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries
Tourism industry
Visitor surveys

9.3 - What is the average length stay of a visitor to the World Heritage property?

One to three hours

9.4 - Please provide the source of information

WHO(G); HMGoG Ministry for the Environment. Breakdown of numbers by sites within the WHS: Last year 94 visitors to caves, 733 to EABVP & 574,641 to Upper Rock Nature Reserve (URNR) which is in the Buffer Zone (BZ); 2 years ago: 123 (caves), 548 (EABVP) & 212,890 (URNR) 3 years ago: 73 (caves), 546 (EABVP) & 145,215 (URNR) 4 years ago: 0 (caves), 697 (EABVP) & 1,041,264 (URNR) 5 years ago: 107 (caves), 724 (EABVP) & 1,030,584 (URNR)

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

0 / 0 / 0 / 8.33 / 0 / 0 /

9.6 - Please provide the source of information

HMGoG

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

9.8 - Please provide any comments relating to the answer provided above in question 9.7

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is **effectively managed** and **does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Via regular monitoring of the property including attributes of OUV

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **good cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

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

The Outstanding Universal Value of the property **is adequately presented and interpreted**

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

In **many locations** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

Fees are collected, and make **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

No

If 'Yes', please specify

9.16 - Are the benefits of tourism shared with local communities?

Not applicable

If 'Yes', please specify

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

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

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				×

10.3.2	Effectiveness of the management system				×
10.3.3	Character of governance				×
10.3.4	Appropriate synergy with other conservation designations				×
10.3.5	Contribution to sustainable development				×
10.3.6	Capacity development				×

10.4 - Please provide information on relevant key indicators adopted at the property

The principal indicators in use, given the nature of the site, refer to the state of conservation of the property and its key attributes. Monitoring of these indicators takes place on a regular basis, approximately once a quarter. Monitoring of specific indicators of conservation state (e.g. erosion of areas open to the public) takes place fortnightly. Entry statistics to the WHS are kept with specific details for particularly sensitive areas. All indicators are constantly under review.

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good
Local communities	Not applicable
Indigenous peoples	Not applicable
Landowners	Not applicable
Women	Not applicable
Researchers	Good
Tourism industry	Not applicable
Local businesses and industry	Not applicable
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

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

Implementation is underway

10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

The recommendations of the WHC have been implemented, and are under constant review. This is particularly the case in respect of data management systems which continue to be assessed and developed. Ongoing discussions with external universities with a view to developing new integrated data management systems. A study of past sea level change, under completion, will provide an innovative and pioneering solution to management in respect of climate change, that could be applied to other WHS.

10.8 - Comments, conclusions and/or recommendations related to Monitoring

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.3	Management System/Management Plan	
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
6.1	Funding	
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×

Please select 0 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.4	Pollution
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4.4.5	Solid waste	WH criteria and attributes are not affected.	Alternative sites are being sought away from the WHS.	The HMGOG Environment Department regularly monitors the situation. The situation is constant.	The time frame is currently undefined.	HMGOG Department of the Environment	There is no undue concern in respect of this factor.
4.5	Biological resource use/modification						
4.5.1	Fishing/collecting aquatic resources	WH criteria and attributes are not affected.	HMGOG DOE patrols the waters of the site, and ensures that only authorised licensed activities are being carried out.	The HMGOG Environment Department regularly monitors the waters of the site.	Ongoing.	HMGOG Department of the Environment	There is no undue concern in respect of this factor.
4.7	Local conditions affecting physical fabric						
4.7.1	Wind	The effect of wind on the criteria and attributes is considered minimal and part of the natural processes which characterise the site.	No action is required.	The WHOG monitors the site regularly.	Ongoing	WHOG	There is no undue concern in respect of this factor.
4.7.6	Water (rain/water table)	The effect of rainwater on the criteria and attributes is considered minimal and part of the natural processes which characterise the site.	No action is required.	The WHOG monitors the site regularly.	Ongoing	WHOG	There is no undue concern in respect of this factor.
4.8	Social/Cultural uses of heritage						
4.8.6	Impacts of tourism/Visitation/Recreation	WH criteria and attributes are not affected.	Numbers of visitors to sensitive areas are strictly controlled by WHO(G)	Regular monitoring of all areas within the WHS and Buffer Zone.	Ongoing	WHO(G) and HMGOG DOE	There is no undue concern in respect of this factor.
4.10	Climate change and severe weather events						
4.10.1	Storms	The effect of storms on the criteria and attributes is considered very low and part of the natural processes which characterise the site.	No immediate action is required. Protective gabions have been placed in front of the caves as additional insurance against winter storms.	The WHOG monitors the site regularly, including daily during winter storms.	Ongoing.	WHOG	There is no immediate concern in respect of this factor, but the situation is constantly monitored.
4.11	Sudden ecological or geological events						
4.11.5	Erosion and siltation/Deposition	The effect of erosion on the criteria and attributes is considered very low and part of the natural processes which characterise the site.	No action is required.	The WHOG monitors the site regularly, daily after periods of heavy rain.	Ongoing	WHOG	There is no undue concern in respect of this factor.
4.11.6	Fire (wildfire)	Wildfires could potentially affect the well-preserved vegetation in the WHS and BZ.	There is regular maintenance of the WHS and BZ, including maintenance of firebreaks, removal of litter and dead vegetation. Strict restrictions to vehicular access to the BZ particularly in the summer months. Quick response Fire Service available.	Regular monitoring by WHO(G) and HMGOG DoE	Ongoing	WHO(G) and HMGOG DoE	There is no undue concern in respect of this factor.
4.12	Invasive/alien species or hyper-abundant species						
4.12.2	Invasive/Alien terrestrial species	Potential risk to the natural vegetation but not of immediate concern	Removal of invasive species by HMGOG DoE	WHO(G) and HMGOG DoE	Ongoing	WHO(G) and HMGOG DoE	No undue concern
4.13	Management and institutional factors						

4.13.8	High impact research/monitoring activities	Minimal and controlled impact on attributes	Research Plan approved by IRCC.	Monitoring on a daily basis during periods of excavation	Ongoing	WHO(G) and GNM	No undue concern. Newly discovered chambers in Vanguard Cave have been a result of the excavations, adding to the OUV even further.
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Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	The Gibraltar Climate Change Act 2019, HMGoG Climate Change Strategy, Climate Change & Vulnerability Risk Assessment, and a draft 25 Year Environment Plan which will include specific reference to the WHS to be completed by 2023.	ongoing	HMGoG DoE and WHO(G)	
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Risk Preparedness Plan in effect	Ongoing and under constant review.	WHO(G)	
6.1	Funding				
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	Collaboration with local and international agencies and institutions, including universities and research centres.	Ongoing	WHO(G)	

Summary - Management Needs **completed**

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

13. Impact of World Heritage Status

13.1 - 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	Positive
Quality of life for local communities and indigenous peoples	Not applicable
Recognition	Very positive
Education	Very positive
Infrastructure development	Not applicable
Funding for the property	Positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Positive
Security	Very positive
Gender equality	Very positive
Provision of ecosystem services/ benefits to local communities	Not applicable
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Very positive
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

Research is being published in high-impact international journals, highlighting the importance of the WHS, its values and protection offered. A current study of past sea level change over the last 125 thousand years using data collected from the site, is in the process of publication, and will provide an excellent case study of how to approach problems related to future climate change at a WHS using high resolution data from the site itself. It is considered that this study could become a model for application more widely to WHS coastal sites under the risk of sea level rise.

14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development
Synergies
State of Conservation
Management

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

Monitoring and reporting

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

State Party	Not needed
Site Managers	Not needed
UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
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15.2.2 - Comments on use of data from the Cycle of Periodic Reporting**15.3. Timing and resources****15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)**

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

Non-Governmental Organizations

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?Gender balance has **not been explicitly** considered or implemented in the process.**15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?**

Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

180 / 10 / 40 /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources	✗	
15.3.5.2	Financial resources for organizing consultation meetings/ training	✗	

15.4. Format and content of the Periodic Report**15.4.1 - How accessible was the information required to complete this questionnaire?****Most** required information was accessible.**15.4.2 - Was the questionnaire easy to use and clear to understand?**

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			✗	
15.4.2.2	Clarity of questions		✗		

15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire**15.5. Training and Guidance****15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire**

UNESCO World Heritage Centre	Not applicable
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Not applicable
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	Not applicable
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable

IUCN national/regional	Not applicable
IUCN International	Not applicable

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

15.6. Actions that will require formal consideration by the World Heritage Committee

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

- **Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee**

Reason for update: There are a number of factual updates to the protection and management requirements that can be provided separately.

Changes to these items will need to go through the proper processes.

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.