

Periodic Reporting Exercise on the
Application of the
World Heritage Convention
Section-II



State Party:

Archaeological Survey of India

Name of the Property:

**Group of Monuments,
Mahabalipuram**

Archaeological Survey of India
Chennai Circle, Chennai



Section-II

State of conservation of specific world heritage properties

State Party:

Archaeological Survey of India

Name of the Property:

**Group of Monuments,
Mahabalipuram**

EXECUTIVE SUMMARY

II.1 Introduction

- a. State Party
- b. Name of World Heritage Property
- c. Geographical co-ordinates to the nearest second
- d. Date of inscription on the World Heritage List
- e. Organization(s) or entity(ies) responsible for preparation of the report
- f. Date of the report
- g. Signature on behalf of State Party

II.2 Statement of significance

II.3 Statement of authenticity/integrity

II.4 Management

II.5 Factors affecting the property

II.6 Monitoring

II.7 Conclusions and recommended action

- a. **Main conclusions regarding the state of the World Heritage values of the property(see items II.2 and II.3 above)**
- b. **Main conclusions regarding the management and factors affecting the property (see Items II.4 and II.5 above)**
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- e. **Timeframe for implementation**
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II.8 Assessment of the Periodic Reporting exercise for Section II

II.9 Documentation Attached

I.1 Introduction

a.	Country(and State Party if different): India	001
b.	Name of World Heritage Property: Group of Monuments, Mahabalipuram	002
c.	<p>In order to locate the property precisely, please attach a topographic map showing scale, orientation, projection, datum, site name date and graticule. The map should be in original print and not be trimmed. The site boundaries should be shown on the map. In addition they can be submitted in a detailed description, indicating topographic and other legally defined national, regional or international boundaries followed by the site boundaries.</p> <p>The State Parties are encouraged to submit the geographic information in digital form so that it can be integrated into a Geographic Information System(GIS).</p> <p>On this questionnaire indicate the geographical co-ordinates to the nearest second (in the case of large sites, towns, areas etc. give at least 3 sets of geographical co-ordinates)</p> <p>Centre Point : Lat. 12° 37' N Long. 80 ° 11 ' E</p> <p>North-West Corner: Topography Sheet No.66D/2 published by Survey of India</p>	003
d	Give the date of inscription on the World Heritage List and subsequent extension (if applicable): 2.11.1984	004
e	<p>Organisations(s) or entity(ies) responsible for the preparation of this report:</p> <p>Organisation: Archaeological Survey of India</p> <p>Person Responsible: K.T.Narasimhan, Superintending Archaeologist</p> <p>Address: Archaeological Survey of India, Fort St.George, City & Post Code: Chennai – 600009.(Tamil Nadu)</p> <p>Telephone: 91 44 25360397</p> <p>Fax: 91-44-25369332</p> <p>E-Mail:</p>	005
f	Date of Preparation of the report: 9.12.2002	006
g	<p>Signature on behalf of the State Party</p> <p>Signature:</p> <p>Name : Mrs. Kasturi Gupta Menon</p> <p>Function: Director General, Archaeological Survey of India, New Delhi</p>	007

II.2 Statement of Significance

<p>At the time of inscribing a property on the World Heritage List, the World Heritage Committee indicates its outstanding universal value(s), or World Heritage value(s), by Heritage List. Circle the criteria retained for the inscription:</p> <p>Cultural criteria: <input checked="" type="radio"/> i <input checked="" type="radio"/> ii <input checked="" type="radio"/> iii <input type="radio"/> iv <input type="radio"/> v <input checked="" type="radio"/> vi</p> <p>Natural criteria: i-ii-iii-iv</p>	008
<p>Were new criteria added by re-nominating and/or extending the property after the original inscription? No</p> <p>If YES, please explain: Does not arise</p>	009 010
<p>Please quote observations concerning the property made by the Advisory Body(ies) during the evaluation of the nomination:</p> <p>Data not available..</p>	011
<p>Quote the decisions and observations/ recommendations, if appropriate, made by the World Heritage Committee at the time of inscription and extension (if applicable):</p> <p>Data not available.</p>	012
<p>Identify the actions taken as follow-up these observations and/or decisions:</p> <p>Neither observation was received nor the follow up action was taken.</p>	013
<p>Please propose a statement of significance by providing a description of the World Heritage value(s) for which the property was inscribed on the World Heritage List and it should also detail what the property represents, what makes it outstanding, what the specific values are that distinguish the property as well as what its relationship with its setting is etc.:</p> <p>Group of Monuments, Mahabalipuram are unique creations of the great Pallava Dynasty at their port town. For the first time in the history of Tamil Nadu, an attempt was made to deviate from the traditional way of construction of monuments i.e. use of wood, brick etc. The imperishable monument in rock medium was created. It is a veritable experimental laboratory depicting the various phases and development of South Indian architecture – Cave temples, monoliths, bas-relief and structural temples. The natural landscape was utilized in carving out these structures thereby making universally known the ability of the Pallava craftsman.</p>	014

II.2 continued

<p>For the extension of a property or the inclusion of additional criteria a re-submission of the property may be considered. This might be regarded as necessary in order to recognize cultural values of a natural World Heritage property, or vice-versa, become desirable following the substantive revision of the criteria by the World Heritage Committee or due to better identification or knowledge of specific outstanding universal values of the property. Should a re-nomination of the property be considered?</p>	015
<p>Yes</p> <p>If YES, please explain</p> <p>At the time of inscription the cultural property was known as the creation of Pallava Kings. Subsequent archaeological excavations has pushed the significance of the cultural property and added an additional criteria due to unearthing imperishable evidence as a port city datable to 1st – 2nd Century A.D. The inclusion of the Adivaraha Cave (now under private ownership) as extension of the property will give more weightage to World Heritage monuments since it contains life size cultural representation of the ruler with his consort who had created all these monuments. Besides it contains invaluable Pallava inscriptions also.</p>	016
<p>Are the borders of the World Heritage property and its buffer zone (still) adequate to ensure the protection and conservation of the property's World Heritage values:</p> <p>Yes</p>	017
<p>If NO, please explain why not, and indicate what changes should be made to the boundaries of the property and/or its buffer zone (please indicate these changes also on a map to be attached to this report.</p> <p>Does not arise.</p>	018
<p>Is the State Party actively considering a revision of the property boundaries or the buffer zone?</p> <p>Yes</p>	019
<p>If YES, indicate what is being done to that end:</p> <p>The master plan is being formulated to make the buffer zone more prominent so as to provide adequate facilities and also to safeguard the property from environmental hazards.</p>	020

II.3 Statement of authenticity/integrity

<p>Have the World Heritage values identified above been maintained since the property's inscription?</p>	021
<p>Yes</p> <p>If NO, please describe the changes and name the causes:</p> <p>Does not arise.</p>	022
<p>What was the evaluation of the authenticity/integrity of the property at the time of inscription? (Please quote from the ICOMOS/IUCN evaluation):</p> <p>As far as Mahabalipuram is concerned, C – i ii iii & vi</p>	023
<p>Have there been changes in the authenticity/integrity since inscription?</p> <p>Yes</p>	024
<p>If YES, please describe the changes to the authenticity/integrity and name the main causes.</p> <p>At the time of inscription of the cultural property, the criteria/authenticity was made for the Group of Monuments, Mahabalipuram focusing the creation of imperishable architecture made by Pallavas between 7th – 8th Century A.D. whereas the archaeological excavation conducted during the last decade of the last century has given a clear change in its authenticity due to the discovery of five landings running in south-north orientation with a jetty point at the northern extreme. This excavated structure has the influence of megalithic architecture, therefore assignable to 1st-2nd Century A.D. Besides, some of the brick structures unearthed within the Shore temple complex are datable to pre-pallava period. All these evidences were not known at the time of inscription of the cultural property. Therefore, its significance as well as authenticity has changed from the date of inscription.</p>	025
<p>Are there(further) changes foreseeable to the authenticity/integrity of the property in the near future?</p> <p>No</p>	026
<p>If YES, please explain and indicate how these changes might affect the World Heritage values of the property</p> <p>Does not arise.</p>	027

II.4 Management

<p>How could the arrangements for the protection and the management of the property best to be defined (more than one indication possible)?</p> <p>Legal(☑)</p> <p>Contractual()</p> <p>Traditional(☑)</p>	028
<p>Please describe and assess the implementation and effectiveness of these arrangements for the preservation of the values described under item II.2 at the national provincial and/or Municipal level:</p> <p>The arrangement for the protection and preservation of the property is done by implementing the provisions provided under Ancient Monuments and Archaeological Sites & Remains Act of 1958 and Rules, 1959 and Amendment of the year 1992 wherever necessary.</p>	029
<p>In general terms, can this legislative contractual and/or traditional protection be considered/sufficient?</p> <p>Yes.</p>	030
<p>Please explain:</p> <p>The monument has been declared as protected under the Ancient Monuments & Archaeological Sites and Remains Act and Rules, 1958 & 1959. Once notified, all conservation programmes are undertaken by the Archaeological Survey of India through their national, regional and local representatives. The management of the property is likewise done. However, certain amendments, if incorporated in the act like substantially increasing the penalty to the violators will minimize the problem. It will certainly improve the management of the World Heritage Property.</p>	031
<p>Provide a list and summaries of laws and regulations concerning cultural and natural properties protection and management(including extracts of relevant articles from the constitution, criminal law, law/regulations on land use, environment law and forestry law, amongst others).Please also attach any documentation available concerning these points:</p> <p>A.M.A.S.R. Act, 1958 and Rules, 1959 amendment to Rule, 1992 Environment (Protection) Act, 1986 and Environment (Protection) Rules, 1986.</p>	032

II.4 continued

033

Describe the administrative and management arrangements that are in place for the property concerned, making special mention of the institutions and organizations that have management authority over the property as well as of the arrangements that are in place for the coordinates of their actions:

Archaeological Survey of India is the only Institution with management authority at national, regional and local levels. At regional level(Chennai Circle) and local level the administrative /management arrangement are as follows:

- 1. Superintending Archaeologist – Head of Circle**
- 2. Dy. Superintending Archaeologist**
- 3. Dy. Superintending Archl. Engineer**
- 4. Asstt. Suptdg. Archl. Engineer**
- 5. Security Officer**
- 6. Administrative Officer**
- 7. Assistant Archaeologist**
- 8. Sr.C.A.s/C.A.s, Foreman, Caretaker**
- 9. Jr. Accounts Officer**
- 10. Head Clerk**
- 11. Draughtsman**
- 12. Surveyor**
- 13. Photographer**
- 14. Modeller**
- 15. Librarian**
- 16. UDC/LDC**
- 17. Steno**
- 18. Monument Attendant**
- 19. Security Guards**

The local head office will co-ordinate with the State Government authorities such as District Collector, Superintendent of Police District Judge, Tahsildar, Revenue officials, and local Municipal authorities for management of property concerned in the matters related to encroachments, evictions, safety, security in exigencies etc.

<p>Please indicate under which level of authority the property is managed:</p> <p>Local (<input type="checkbox"/>) The Property is managed by Conservation Assistant Regional (<input type="checkbox"/>) The Property is managed by Superintending Archaeologist National (<input type="checkbox"/>) The Property is managed by Director General Other(Please Describe):</p>	034
<p>Please provide the full name, address and phone/fax/e-mail of the entity(ies) directly responsible for the management (conservation, preservation, visitor management) of the property:</p> <p><u>Local:</u> The Conservation Assistant, Archaeological Survey of India, Mamallapuram, District Kanchipuram. Tel No.04114-442226</p> <p><u>Regional</u> Shri K T Narasimhan, Superintending Archaeologist, Archaeological Survey of India Chennai Circle, Fort St. George Chennai – 600 009 TelNo.: 044-25670396/97 Fax: 044-25679332 E-Mail: asichen@vsnl.net</p> <p><u>National</u> Smt. Kasturi Gupta Menon I.A.S. Director General Archaeological Survey of India Janpath New Delhi 110 011 Tel: 91 11 23013574 Fax: 91 11 23019487 E mail : dgasi@vsnl.net</p>	035
<p>Is it necessary to revise the administrative and management arrangements for the property?</p> <p>No</p>	036
<p>If YES, explain why this is the case:</p> <p>Does not arise.</p>	037

II.4 continued

<p>Is there a management plan for the property?</p> <p>Yes.</p> <p>If YES, please summarise indicating if the plan is being implemented and since when:</p> <p>The property is managed at three levels i.e. national, state and local. The State and Local officials identify and attend to the problems conservational, legal and administrative. This is being implemented since the time of protection by Archaeological Survey of India.</p>	038 039
<p>Please report on legal and administrative actions that are foreseen for the future, to preserve the values described under item II.2 (e.g. passing of legislation, adjusting administrative management arrangements, implementing or drawing (new) management plan, etc.)</p> <p>The existing Mammallapuram New Town Development Authority is to be reconstituted by having the local Archaeological Survey of India Official as its Committee member at local level and at the State level another Committee is to be formed along with Superintending Archaeologist as a Member Secretary to attend to all legal and administrative problems in relation to the management arrangements of the World Heritage Sites.</p> <p>The 1958 Act was amended in 1992 to give more teeth to the legislation in the form of prohibited and regulated area.</p>	040
<p>Please provide detailed information, particularly in cases where changes have occurred since the inscription of the property on the following matters:</p> <p>+ <u>Conservation</u></p> <p>Make reference to all major interventions at the property and describe its present state of conservation:</p> <ol style="list-style-type: none">1. The Plantation of casuarina trees abutting the groyne wall to prevent salt laden sea breeze from affecting the monument.2. The exposed joints of the Shore temple have been pointed with epoxy mortar to avoid further damage of the structure.3. All cracks due to age on the surface of the bedrock of Five Rathas, Arjuna's Penance and Krishna Mandapa were thoroughly probed and filled with araldite mortar.4. The property is in good state of preservation.	041

II.4 continued

<p><u>Ownership</u></p> <p>Make reference to all major changes in ownership of the property and describe the present state of ownership:</p> <p>The property has been declared as Centrally protected monuments of National importance as per Ancient Monuments and Archaeological Sites & Remains Act, 1958. The ownership of the property rests with the Government.</p>	042
<p>Please, give a detailed description of the staffing of the site:</p> <p>Conservation Assistant- 1 In-charge of Engineering/Maintenance Foreman – 1 To assist Conservation Assistant in all respect.</p> <p>Booking Clerk - 2</p> <p>Monument Attendants – 10 Cleaning and Watch & Ward</p> <p>Security Guards - 17</p> <p>[Private Agency]</p>	043
<p>Is the staffing level sufficient for adequate management of the property?</p>	044
<p>No</p> <p>If NO, what should be done to improve the situation?</p> <p>The property consists of 32 individual monuments spread over an area of about 4 sq kms. of which 13 monuments are situated in the hillock area (about 1 sq km.). To manage these monuments 30 Monument Attendants are required. One Foreman is especially required for the Site. Four more Booking Clerks are required for Sale of admission tickets and visitor management. Some Security personal should be trained as tourist friendly who can take care of national/international tourist from the beggars/hawkers etc.</p>	045
<p>Does the staff need additional training?</p> <p>Yes</p>	046
<p>If YES, what are the training needs for your staff?</p> <p>Training for Conservation Assistant and Foreman in the latest scientific techniques of conservation/equipments. Training for Booking Clerks with Computers.</p>	047

II.4 continued

<p>Describe the funding and financial situation of the property, indication sources, level and regularity of financing:</p> <p>General budgetary allocation is done for all monuments under the jurisdiction of this Circle annually, of which a portion is earmarked for this property. Allocation of Rs.10 lakhs is required for conservation and preservation of the monuments and Rs.20 lakhs for conservation subject to identification of the works.</p>	048
<p>Is the available funding sufficient for adequate management of the property? No</p> <p>If NOT, describe the financial resources that would be required for the management of World Heritage property:</p> <p>An amount of Rs.10 lakhs is required for conservation . Besides additional fund of Rs. 15 lakhs may be required for day to day maintenance.</p>	049 050
<p>Indicate International Assistance from which the property has benefited: World Heritage Fund: Nil</p>	051
<p>UNESCO International Campaign: Nil</p>	052
<p>National and /or regional projects of UNDP, the World or other agencies: Nil</p>	053
<p>Bilateral cooperation: Nil</p>	054
<p>Other assistance: Nil</p>	055
<p>Describe the IT(Computer) equipment of the site and/or management office and assess its effectiveness:</p> <p>No IT(computer) equipment is available at Site.</p>	056
<p>Are you using (multiple indications are possible):</p> <p>PC () No</p> <p>Apple () No</p> <p>Mainframe () No</p>	057
<p>Please, give the number of available computers: Nil</p>	058
<p>Does an operational access to the Internet exist? No</p>	059
<p>Is e-mail used for daily correspondence? No</p>	060

II.4 continued

<p>Is there a Geographical Information System (GIS) for the site?</p> <p>No</p> <p>If YES, what software do you have and how is the GIS used?</p> <p>Does not arise.</p>	<p>061</p> <p>062</p>												
<p>List scientific studies and research programmes that have been conducted concerning the site:</p> <p>Nil</p>	<p>063</p>												
<p>Describe financial and human resource inputs for the research programmes and or facilities:</p> <p>Nil.</p>	<p>064</p>												
<p>Describe how the information/ results are disseminated?</p> <p>Nil</p>	<p>065</p>												
<p>Are there any visitor statistics for the site?</p> <p>Yes</p>	<p>066</p>												
<p>If YES, please summarize the statistics and attach to this report:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th colspan="2" style="text-align: center;">2001</th> <th colspan="2" style="text-align: center;">2002 (Upto November-2002)</th> </tr> <tr> <th style="text-align: center;">Indians</th> <th style="text-align: center;">Foreigners</th> <th style="text-align: center;">Indians</th> <th style="text-align: center;">Foreigners</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">532045</td> <td style="text-align: center;">21386</td> <td style="text-align: center;">480736</td> <td style="text-align: center;">19888</td> </tr> </tbody> </table>	2001		2002 (Upto November-2002)		Indians	Foreigners	Indians	Foreigners	532045	21386	480736	19888	<p>067</p>
2001		2002 (Upto November-2002)											
Indians	Foreigners	Indians	Foreigners										
532045	21386	480736	19888										
<p>What visitor facilities do you have at the property?</p> <p>All the basic facilities/amenities like drinking water, public toilets, ramps for physically handicapped, wheel chair, Protection Notice Board, Cultural Notice Board, Location Map, Trilingual Notice Board, Publication Sales counter etc.,</p>	<p>068</p>												
<p>What visitor facilities are you in need of ?</p> <p>Provision of visitor's benches, additional drinking water facility, additional toilet facilities, additional signages, audio visual, landscaping of the monumental area, introduction of battery run mini-buses, cement approach roads, coffee shops, Interaction centre, illumination of all monuments.</p>	<p>069</p>												
<p>Is a public use plan (tourism/visitor management plan) in existence for the property?</p> <p>Yes.</p>	<p>070</p>												

II.4 continued

<p>If YES, please summarize, if NO explain if one is needed: A committee exists under the chairmanship of the District Collector.</p>	071
<p>Indicate how the property's World Heritage values are communicated to residents, visitors and the public (please attach examples of leaflets videos posters etc. and print-outs and/or the address of a web-page: Through pho to exhibitions, competitions printing of brochures, posters, leaflets etc.</p>	072
<p>Are there educational programmes concerning the property aimed at schools? Yes</p>	073
<p>If YES, please describe: Although there is no education programme framed for school children they are involved during the celebration of World Heritage Day/Week and such other awareness programmes and are inculcated about our rich heritage through conducting Essay writing/Quiz/Painting Competitions about this property. Besides several lectures were delivered in various schools/colleges/Universities on their request to create awareness about cultural treasure (Inscribed property)</p>	074
<p>What role does World Heritage inscription play for the site concerning the visitor number, the research programmes and/or the awareness building activities? The inscribed property is highlighted during World Heritage Day/Week celebrations. Regularly N.S.S. camps are being conducted for Students community. The Tamil Nadu Tourism Development Corporation is organizing a month long Dance Festival Programme at Mahabalipuram every year to propagate the Cultural value.</p>	075

II.5 Factors affecting the property

<p>Please comments on the degree to which the property is threatened by particular problems and risks, such as development pressure, environmental pressure, natural disasters and preparedness, visitor/tourism pressure, number of inhabitants. Also mention all other issues that you see as problematic:</p> <ol style="list-style-type: none">1. On its inscription as World Heritage site, tourist pressure has increased and building activities have increased.2. Vehicles are allowed right up to the property which pollutes the property.3. There could be threat if leakage of radio activity occurs from the nearby Kalpakkam Atomic Plant.4. Salt laden breeze and abrasion resulting from beating of sand particles onto the monument thereby causing disintegration of the monument.5. During the tourist seasons, tourist inflow is very high and becomes unmanageable.6. Due to popularity of the inscribed property dwelling area, density of the population is increasing day by day..7. Disposal of solid waste/drainage proper infra structure improvement is required.8. Begging, small hawkers nuisance to the visitors.	076
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I.5 continued

<p>Is there an emergency plan and /or risk preparedness plan for the property in existence?</p> <p>No</p> <p>If YES, please summarize the plan and provide a copy:</p> <p>Does not arise.</p> <p>If NO, describe what is being done – and by whom – to counteract the dangers that threaten or may threaten the property:</p> <p>A master plan is under preparation by HUDCO to be submitted to the Government of India for approval wherein all necessary requirements are incorporated to develop the whole area. Once the master plan is approved and implemented plying of heavy duty vehicles into the monumental area will be prohibited. Walkers path to all monuments will be provided .Restrictions on new construction will be enforced as per the</p> <p>Archaeological Survey of India and Environmental Acts.It will be implemented strictly to prevent any possible threat to the inscribed property.</p>	<p>077</p> <p>078</p> <p>079</p>
<p>Indicate areas where improvement would be desirable and/or towards which the state party is working:</p> <p>Currently environmental pollution is much higher in the monumental area due to movement of all sorts of vehicles. If it is suspended at least in the buffer zone a distinctive improvement will be there.</p>	<p>080</p>
<p>Give an indication if the impact of the factors affecting the property is increasing or decreasing:</p> <p>Impact of the factors is increasing and may affect the property.</p>	<p>081</p>
<p>What actions have been effectively taken, or are planned for the future, to address the factors affecting the property?</p> <p>A master plan to encompass the whole cultural landscape of Mahabalipuram is being prepared and will shortly be implemented. Besides the Mamallapuram New Town Development Authority was advised not to give any plan approval for construction of new houses very close to the monument within the prohibited area.</p>	<p>082</p>

II.6 Monitoring

<p>If applicable, give details (e.g. dates, results, indicators chosen) of any previous periodic or reactive monitoring exercise of the property:</p> <p>The prohibited/regulated area surrounding the World Heritage property are being constantly watched and a few unauthorized constructions have been stopped with the help of state authorities. In respect of other factors such as natural causes for disintegration due to saline action abrasive salt laden winds etc. necessary preventive steps are to be taken after inspection and assessing the causes.</p>	083
<p>Is there a formal monitoring system established for the site?</p> <p>No</p> <p>If YES, please give the details of its organization:</p> <p>Does not arise.</p>	084 085
<p>If not already in place, is the establishment of a formal monitoring system planned?</p> <p>No</p> <p>If YES, please outline the functioning of that system, taking into consideration the key indicators you will be asked to define below (See 089/090):</p> <p>Does not arise.</p>	086 087
<p>Are there any indicators established for monitoring the state of conservation of the property?</p> <p>No</p> <p>If YES, please provide up-to-date information with respect to each of the key indicators established and/or used. Care should be taken to ensure that this information is as accurate and reliable as possible, for example by carrying out observations in the same way, using similar equipment and methods at the same time of the year and day. Name and describe the key indicators for measuring the state of conservation of this property:</p> <p>Does not arise.</p> <p>IF NO, indicators have been identified and/or used so far, please define key indicators for future use in monitoring:</p> <p>Data not available.</p>	088 089 090

II.6 continued

<p>Indicate which partners, if any, any involved or will be involved in the regular monitoring exercise:</p> <p>No partners are involved in monitoring. However, Archaeological Survey of India is monitoring the property with vigil.</p>	091
<p>Identify the administrative provisions for organizing the regular monitoring of the property:</p> <p>Superintending Archaeologist as the administrative head inspects the inscribed property regularly. Qualified Engineering Staff will monitor and attend to all day to day requirements for proper monitoring and maintenance.</p>	092
<p>Describe what improvement the State Party foresees or would consider desirable in improving the monitoring system:</p> <p>As on date there is no effective monitoring system from one monument to other monument to alert or communicate immediately. A communication system connecting all scattered monuments with central monitoring facilities will improve the monitoring system more effectively. Besides a coordination Committee between Archaeological Survey of India, District Authorities, and Local authorities will strengthen the proper monitoring system.</p>	093
<p>In specific cases, the World Heritage Committee and/or its Bureau may have already examined the state of conservation of the property and made recommendations to the State Party, either at the time of inscription or afterwards. In such cases the State Party is requested to report on the actions that have been taken in response to the observations of decisions made by the Bureau or Committee. Give details, if applicable:</p> <p>Not applicable</p>	094

II.7 Conclusions and recommended actions

<p>Please summarize the main conclusions regarding the state of the World Heritage values of the property (see items II.2 and II.3 above)</p> <p>As stated in II.2 and II.3 there is a significant change in the authenticity or integrity of the monuments since its inscription as the World Heritage Property, due to recent Archaeological Excavation conducted at Mahabalipuram. The unearthed Archaeological Remains pushed back, the authenticity of the property from the 7th – 8th Century A.D. to 1st-2nd Century A.D.</p>	095
<p>Please summarize the main conclusions regarding the management and factors affecting the property (see II.4 and II.5 above):</p> <p>The World Heritage Property is preserved and managed by the Archaeological Survey of India both at national and local level through legal and traditional means. The main factor affecting the monument is deterioration and weathering of the rock surface of monument by salt laden winds and increase of tourist inflow as well as number of new construction in the vicinity of the cultural property.</p>	096
<p>Give an overview over proposed future action/actions:</p> <p>Perspective plan was prepared for structural conservation / landscaping/ gardening / chemical preservation to be carried out during 10th Five Year Plan (2002-2007) and was approved by the Directorate. Preparation of management plan in association with local and state level authority for curbing new constructional activities minimising environmental pollution managing tourist pressure. Providing additional staff and modern equipments for effective site management. Training to the Site Manager in the new technology for execution of various developmental works.</p>	097
<p>Name the agency responsible for implementation of these actions (if different from 005):</p> <p>As mentioned under 005</p>	098
<p>Give a timeframe for implementation of the actions described above:</p> <p>Five years</p>	099
<p>Indicate for which of the planned activities International Assistance form the World Heritage Fund may be needed (if any):</p> <p>Funds are required for equipping the local site office with modern equipments and interlinking system, and for purchasing the power tools/machine to carry out conservation work adopting modern methodology with ancient principles.</p>	100









II.7 continued

<p>Are there any contacts with management units of other properties within or outside your country?</p> <p>Yes</p>	101
<p>If YES, please explain:</p> <p>Problems are discussed at the national to find out a better solution to achieve the goal.</p>	102
<p>Please indicate which experience made during the periodic reporting exercise and/or during the on-going conservation / protection efforts of the property could be shared with other States Parties dealing with similar problems or issues:</p> <p>Efforts taken for the preservation of the structural properties (Stone) close to the shore line which are being faced by stiff threat from saline action. The control of high developmental activities within a limited area, its implementation so as to safeguard the site. Periodical reporting exercise has given an opportunity to assess the physical problem of the inscribed property as well as methodology to restore the same. The gained experience is shared with the counter parts.</p>	103
<p>Provide the name(s) and address(es) of organization(s) or specialist(s) who could be contacted for this purpose:</p> <p>Agency / Organization: Archaeological Survey of India</p> <p>Person responsible: Superintending Archaeologist</p> <p>Address: Archaeological Survey of India, Chennai Circle, Fort St. George</p> <p>City and Post Code: Chennai 600 009</p> <p>Telephone: 044-25670396/97</p> <p>Fax:044-25679332</p> <p>Email:asichen@vsnl.net</p>	104

II.8 Assessment of the Periodic Reporting exercise for Section II

	<p>Was sufficient and adequate information made available to the responsible authorities and individuals during the preparation phase of the Periodic Reporting exercise (information given meetings etc)</p> <p>Yes</p>	105
	<p>Was the questionnaire clear and did it help to comply with the reporting requirements of the State Party?</p> <p>Yes</p>	106
	<p>What are the perceived benefits and lessons learnt of the exercise?</p> <p>The exercise has helped in assessing the overall management plan of the property in all respects. The exercise helped how to visualize the problem and to find out the remedy measures.</p>	107
	<p>Please describe the expected outcome of the Periodic Reporting exercise and the desired follow-up by the World Heritage Committee:</p> <p>A positive outcome as required for the property is the expected result of this exercise. It is desired that shortfalls/problems faced at the site is adequately dealt with.. It is expected that proper guidelines/training/funding from the UNESCO will be rendered for the betterment of the inscribed property.</p>	108

II.9 Documentation Attached

-  **Maps and Plans showing the general location of the property, its boundary and buffer zone as well as the necessary detail of the property itself(see question 003 for specification)**
-  **Photo of General View(aerial view) of the property**
-  **Illustrations of the state of conservation of the site (photographs, slides and, if available, film/videos)**
-  **Details of the important aspects of the property (landscapes, animal and vegetable species, monuments etc.)**
-  **Photo illustrating the main threats to the site and its surroundings**
-  **Extracts of relevant laws and regulations concerning the protection of cultural and natural heritage at national, provincial and municipal levels**
-  **Copies of the management plan of the site as well as extracts and/or copies of other plans relating to the site (e.g. emergency plan, use plan etc.)**
-  **Indicative Bibliography**





**EXTRACTS OF RELEVANT
LAWS AND REGULATIONS
CONCERNING THE
PROTECTION OF
CULTURAL & NATURAL
HERITAGE**

i) The Ancient Monuments and Archaeological Sites and Remains Act, (A.M. & A.S.R.), 1958

This is a Central Act applicable for the entire country for the control of activities in and around archaeological monuments of national importance. It replaced an earlier act passed in the year 1904 by the then Government of India. The Act further provides for the regulation of archaeological excavations and for the protection of sculptures, carvings into force on August 28, 1958 (sub-section (3) of Section 1).

The Act provides power to the Central Government:

- a) To declare ancient monuments, sites etc, to be of national importance (section 4).
- b) For the acquisition of rights in a protected monument (section 5).
- c) For the preservation, acquisition and maintenance of protected areas (section 19).
- d) For the restriction for enjoyment of property rights in protected areas (section 19).
- e) To acquire a protected area (section 20)
- f) To regulate archaeological excavation (section 21-24).
- g) To control moving antiquities (section-25).
- h) To make rules (section – 38).

and other like operations in India.

ii) The ancient Monuments and Archaeological Sites and Remains Rules, 1959

In the exercise of the powers conferred by Section 38 of the Ancients Monuments and Archaeological Sites and Remains Act, 1958, the Central Government made certain rules. These rules were published in the official Gazette of India Extradinary, Part I, Section 3, Subsection(ii) on October, 15, 1959. These are called the Ancient Monuments and Archaeological Sites and Remains Rules, 1959.

These rules, specifically Rules 8 and 8a, define construction, mining operation, prohibited area etc. and regulate access to protected monuments; opening and closing of protected monuments, entrance fee; prohibit any act which may cause damage or injurty to any part of goods, bringing in any animal or vehicle, construction and other operations in protected areas; copying and filming protected monuments, etc.

Further, the Government of India Notification through the Archaeological Survey of India, Order No.S.O.1764 dated June 16, 1992 published in the Gazette of India, Part II, Section 3 sub-section (ii) dated July 4 1992, declares areas up to 100 m from the protected limits, and beyond up to 200 m near or adjoining protected monuments to be prohibited and regulated apart from the A.M.A.S.R. Act, 1958, provisions of the following Acts protect, control and regulate various activities in and around the property proposed for inscription in the World Heritage List.

III) Protection of Ancient Monuments and Archaeological Site and Remains Act, 1967– Government of Tamil Nadu

An act to provide for the preservation of ancient and historical monuments and archaeological sites and remains other than those of national importance, for the regulation of archaeological excavations and for the protection of sculptures, carvings and other like objects.

“ancient monument” means any structure, erection or monument or any tumulus or place of interment, or any cave, rock-sculpture, inscription or monolith, which is of historical, archaeological or artistic interest and which has been in existence for not less than one hundred years.

Nothing in this section shall affect the use of any protected monument for customary religious observances.

Restricted Areas

Restrictions on enjoyment of property rights in protected areas – No person, including the owner or occupier of a protected area, shall construct any building within the protected area or carry any mining, quarrying, excavating blasting, or any operation of a like thereof in any other manner without the permission of the Government.

iv) Coastal Regulation Zone Notification under Section 3(1) and Section 3(2)(V) of ENVIRONMENT (PROTECTION) ACT 1986 AND ENVIRONMENT (PROTECTION) RULES, 1986.

Declaring coastal stretches as Coastal Regulation Zone (CRZ) and Regulating Activities in the CRZ.

Prohibited Activities in Coastal Regulating Zone.

1. Setting up of New Industries/expanding old industries.
2. Manufacture or handling or storage or disposal of hazardous substances.
3. Setting up and expansion of fish processing units.
4. Discharge of untreated waste and effluents from industries, cities, house, etc.
5. Setting up and expansion of units/mechanism for the disposal of wastes and effluents.
6. Dumping of city or town waste to be discontinued.
7. Dumping of ash or any other wastes from thermal power stations.
8. Land reclamation, bunding or disturbing natural course of sea water except for specific purpose.
9. Mining of sand, rocks and other substrata materials, except specified ones.
10. Harvesting or drawal of ground water in specific zones for specific purpose only.
11. Construction activities in CRZ-I except as specified.
12. Any construction actively between Low Tide Line and High Tide Line except for specific purposes.
13. Dressing or altering of sand dunes, hills, natural features including landscape except for permissible purposes.

**V) Mamallapuram New Town Development Plan
(Consented in G.O.M.S.No.96B H & UD Dept. Madras dated 29.9.1989)**

With a view to employ suitable strategy relevant to the tourist importance of the Mamallapuram town, the Government in G.O.Ms.No.1454, Housing & Urban Development Department, dated 25.10.78 notified Mamallapuram Township area as a New Town by excluding the same from the original Mamallapuram Local Planning Area Notification.

The development proposals contemplate the delineation of monument zone, wherein all kinds of building activity will be prohibited so as to preserve the ancient monuments. The monument zone will be free of any vehicular traffic, except for Boarding and alighting points to pick up and drop tourists as specified locations.

No development shall be taken up without the prior sanction of the Mamallapuram New Town Development Authority as per section 49 of Tamil Nadu Town and Country Planning Act, 1971.

Indicative Bibliography

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5. Sivaramamurthi C., *Mahabalipuram*, Archaeological Survey of India, New Delhi, 1978 (Guide Book)
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