

Department of Parks and Recreation

Government of Guam 490 Chalan Palasyo

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Parks Division: (671) 475-6288/9 Guam Historic Resources Division: (671) 475-6294/5 Facsimile: (671) 477-2822



Li. Governor

Ray Tenorio

August 27, 2013

The Honorable Judith T. Won Pat, Ed.D. Speaker 32nd Guam Legislature I Mina' Trentai Uno Na Liheslaturan Guahan 155 Hesler Place Hagåtña, Guam 96910

32.13.757 0.0.13 8.1000-8.

Subject:

National Register of Historic Places Nominations: Fena (Mepu') Latte; Lumuna Shell

Trumpet; Fonte Dam; Sergeant Shoichi Yokoi Collection

Håfa Adai. We are pleased to inform you that the Fena (Mepu') Latte, located at Senator Angel L.G. Santos Latte Park, will be considered by the Guam Historic Preservation Review Board for nomination to the National Register of Historic Places (NRHP). The NRHP is the National official list of historic properties and sites worthy of preservation. Listing in the NRHP provides recognition and protection of properties and sites with significance in the history, culture, architecture, and archaeology of Guam. Primarily, it recognizes the historic importance of the property and does not prevent its continued use.

The nomination process provides an opportunity for public scrutiny and comment, as well as due care in the evaluation of such properties for inclusion in the NRHP. Additional information and guidelines applicable to places listed in this Register are available at the Guam Historic Resources Division, Department of Parks and Recreation, or can be accessed at www.historicguam.org.

You or your representatives are invited to attend the Guam Historic Preservation Review Board meeting at which the nomination will be discussed. The Board will meet at 4:00. pm, Thursday, September 26, 2013, at the Department of Parks and Recreation Conference Room.

Attached is a notice that explains the results of listing in the NRHP which also describes the rights and procedures of an interested party who may comment on, or object to, listing in the National Register.

Should you have any questions about this nomination before the Guam Historic Preservation Review meeting, please contact Ms. Lynda B. Aguon, State Historic Preservation Officer, at 475-6294 or 474-6335. *Si Yu'os Ma'åse'*.

Sincerely

Raymond F.Y. Blas

Director

National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, How to Complete the National Register of Historic Places Registration Form. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions.

Signature of certifying official/Title: State or Federal agency/bureau or Tribal Go In my opinion, the property meets doe	

Signature of certifying official/Title:	Date
<u>X A</u> <u>B X C X D</u>	
In my opinion, the property meets does recommend that this property be considered significately of significance: X_national X_statewideX Applicable National Register Criteria:	
hereby certify that this nomination requested needs to be documentation standards for registering proper Places and meets the procedural and professional results.	ties in the National Register of Historic equirements set forth in 36 CFR Part 60
As the designated authority under the National His	toric Preservation Act, as amended,
3. State/Federal Agency Certification	
2. Location Street & number: City or town: State: Not For Publication: Vicinity:	County:
Enter "N/A" if property is not part of a multiple pr	coperty listing
66-01-2107 Name of related multiple property listing: N/A	

National Park Service / National Register of Historic Places Registration Form Fena (Me'pu) Latte GU N/A Name of Property County and State 4. National Park Service Certification I hereby certify that this property is: ___ entered in the National Register determined eligible for the National Register ___ determined not eligible for the National Register ___ removed from the National Register ___ other (explain:) _____ Signature of the Keeper Date of Action 5. Classification **Ownership of Property** (Check as many boxes as apply.) Private: Public - Local Public - State Public - Federal Category of Property (Check only one box.) Building(s) District Site Structure

United States Department of the Interior

Object

United States Department of the Interior
National Park Service / National Register of Historic Places Registration Form
NPS Form 10-900

OMB No. 1024-0018

Fena (Me'pu) Latte

Name of Property

(Do not include previously listed resources in the count)

Contributing

Noncontributing

Noncontributing Contributing buildings sites structures objects Total Number of contributing resources previously listed in the National Register _____ 6. Function or Use **Historic Functions** (Enter categories from instructions.) DOMESTIC:single dwelling = residence **Current Functions** (Enter categories from instructions.)

United States Department of the Interior
National Park Service / National Register of Historic Places Registration Form
NPS Form 10-900

OMB No. 1024-0018

Fena (Mepo') Latte
N/A GU
County and State

7. Description

Architectural Classification
(Enter categories from instructions.)

OTHER:Ancient Chamorro - Latte Period

Materials: (enter categories from instructions.)

Narrative Description

(Describe the historic and current physical appearance and condition of the property. Describe contributing and noncontributing resources if applicable. Begin with **a summary paragraph** that briefly describes the general characteristics of the property, such as its location, type, style, method of construction, setting, size, and significant features. Indicate whether the property has historic integrity.)

Principal exterior materials of the property: _____Stone__

Summary Paragraph

The eight latte set located at Senator Angel L.G. Santos Latte Park in Hagåtña, are one of the most photographed iconic symbols of contemporary Guam. Transported there in 1955, they originally were in the ancient village site of Mepo', in the Talofofo area.

They are over seven feet in height. The bases or uprights (*haligi*) are more square in cross-section with caps (*taza*) comparatively large in proportion to the bases. The diameter of each cap where it joins the top of the base is about half the diameter at the cap's widest points. The latte of Mepu' are composed of hard island rock, probably sandstone and limestone materials There are two parallel rows of four stones each, for a total of eight latte, from what was originally a 12-stone set. Four were destroyed during postwar World War II re-construction, (Tolentino, Domenica. Guampedia: accessed Aug. 10, 2013). Although the set is missing 4 stones, it still has retains its historic significance and historic integrity.

Fena	(Mej	bo,)	Latte	
Name o				

N/A GU
County and State

Easily accessible, visited by thousands of island students and foreign tourists every year, the Fena Latte set at the park has an iconic value that contributes to the proper understanding of Guam and its ancient past.

Narrative Description

Different authors have provided a good amount of information on the use of latte in general, and the importance of the Fena area in particular:

Latte are the distinctive stone pillars used in prehistoric times in the Mariana Islands. They usually are positioned parallel to the ocean or river streams, but not always. In northern Guam they were mostly aligned perpendicular to the ocean (Cunningham 1992:54). The current terms to refer to the two parts of the Latte, date from historic times: *haligi* (from the Tagalog word incorporated into Spanish and Chamorro, *arigue*, to refer to a vertical beam made of wood) and *tasa* (from the Spanish word, incorporated into Chamorro, taza, cup).

The *haligi* is usually narrowed upwards. It could be made of limestone, basalt or sandstone, is normally hewn from coral limestone extracted from quarries through burning of surrounding limestone. The *tasa* is an hemispheric capstone placed on top of the *haligi*, with the flat side facing upwards.

The ancient village of Mepo' was likely to have been abandoned as a result of the Spanish *Reduccion*, during the late 17th Century military conquest. The whole of Fena was particularly rich in Latte sets, up to an estimated number of around 400, making the area a unique zone with particular relevance for the knowledge of the ancient living conditions of pre-historic Guam. Considering that Fena must have been an area with a high degree of human habitation its consistent with other inland areas in Guam having a dense record of habitation, resulting of a population growth that could be associated with the spread of rice production (Butler, 1997). Agriculture must have extended into upland hill slopes and valleys, as evidenced by the increase of savanna pollen in sediment cores (Athens and Ward in Dixon et al. 1999).

In 1932, the latte of Mepo' were identified by archaeologist (Thompson, 1932:14) and apparently were removed in the construction of the entrance spur for Magazine 173 in the Naval Ammunition Depot, the very large stones heaped on either side of the entrance. (Osborne ms. 1947).

United States Department of the Interior National Park Service / National Register of Historic Places Registration Form NPS Form 10-900 OMB No. 1024-0018	
Fena (Mepo') Latte Name of Property	N/A GU County and State
It originally consisted of two parallel rows, each of six stone columns and of seems to have supported a wooden platform whose outermost dimension 16x60 feet (Morgan 1988:127).	-
They are tall, over seven feet in height. The bases (<i>haligi</i>) are more square caps (<i>taza</i>) comparatively large in proportion to the bases. The diameter of joins the top of the base is about half the diameter at the cap's widest points are composed of hard island rock, probably sandstone. Thompson believed that least a mile from where the uprights were situated. (Tolentino, Doraccessed Aug. 10, 2013)	of each cap where it s. The latte of Mepo he rock was quarried
8. Statement of Significance	
Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for listing.) X	our past. riod, or method of high artistic values, omponents lack
Criteria Considerations (Mark "x" in all the boxes that apply.) A. Owned by a religious institution or used for religious purpose B. Removed from its original location	S

na (Mepo') Latte ne of Property	N/A GU County and State
C. A birthplace or grave	obusity and otate
D. A cemetery	
E. A reconstructed building, object, or structure	
F. A commemorative property	
G. Less than 50 years old or achieving significance within the	e past 50 years
Areas of Significance	
Areas of Significance (Enter categories from instructions.)	
ARCHITECTURE	
CONSERVATION	
ETHNIC HERITAGE	
Period of Significance	
800AD-1700CE	
Significant Dates	
Significant Person	
(Complete only if Criterion B is marked above.)	
Cultural Affiliation	

Fena (Mepo') Latte	N/A GU
Name of Property	County and State
Ancient Chamorro	
Architect/Builder	

Statement of Significance Summary Paragraph (Provide a summary paragraph that includes level of significance, applicable criteria, justification for the period of significance, and any applicable criteria considerations.)

The cultural affiliation is Ancient Chamorro. The inhabitants of the Mariana Islands Archipelago are believed to have first settled the islands 4,000 years ago, transmigrating from an indeterminate area in Southeast Asia, probably Taiwan, the Visayan Islands in the Philippines, or Indonesia.

The period of significance of the latte construction extends from the Latte Period c. 800 – 1700 CE.

Narrative Statement of Significance (Provide at least one paragraph for each area of significance.)

Architecture

The Latte are a most distinctive feature of the dwelling construction of the ancient Mariana Islands. Other uses of the Latte have been considered, such as territorial markers (Hunter-Anderson, 1994). The uniqueness of the Latte within the context of the rest of the Pacific islands, makes it particularly relevant as symbol of the distinct cultural affiliation of the ancient inhabitants of the Marianas and their contemporary descendants.

Conservation

The fact that the latte set of the Park were not only removed from its original site of Mepu', but also reconstructed in a more accessible and visible location, serve as testimony of their

Fena ((Mepo')) Latte
NI	f D	L

N/A GU County and State

Name of Property

importance. Currently distributed across different areas of Guam, any Latte that originates from the Fena area has particular relevance for contemporary inhabitants of Guam, inasmuch as it allows maintaining connection with the historic landscape of Guam, its past, and the identity of its people.

Ethnic Heritage

Several houses and villages were burned down during the Spanish conquest. Consequently, latte were discontinued after the Reduccion, at the end of the 16th Century, when new technologies and construction tools were available. With the dramatic depopulation caused by the diseases and epidemics, the trauma of the displacement and the armed combats, most of the inland areas of Guam were abandoned. However, it has been recorded that the Christianized Chamorro people of Guam continued to relate with the latte sites in terms of respect and reverence. In the early 20th century, in the German-administered Northern Mariana Islands, newly-constructed Latte pillars were used as symbols of authority by the German administrators (Russell, 1998). In contemporary times, the Latte is the symbol that most clearly connects the whole archipelago of the Marianas, its people, and its past.

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form.)

Butler, Brian (1997), Archaeological Investigations on the Southeastern Coast of Rota, Commonwealth of the Northern Mariana Islands, pp. 243-268. Micronesian Archaeological Survey Report No. 30. Commonwealth of the Northern Mariana Islands, Historic Preservation Divission, Saipan.

Carson, Mike T. (ed.) (2012), "Archaeological Studies of the Latte Period," Micronesica. Volume 42 (1/2), University of Guam.

Dixon, Boyd; J. Stephen Athens; Jerome V. Ward; Tina Mangieri: Timothy Rieth (1999), Archaeological Inventory Survey of the Sasa Valley and Tenjo Vista Fuel Tank Farms, Piti district, Territory of Guam, Mariana Islands. Final report. International Archaeological Research Institute Inc. Honolulu, Hawai'i.

Morgan, William N. (1988), Prehistoric Architecture in Micronesia. University of Texas Press.

United States Department of the Interior National Park Service / National Register of Historic Places Registration Form OMB No. 1024-0018 NPS Form 10-900 GU Fena (Mepo') Latte N/A County and State Name of Property Osborne, Douglas (1947), "Archeology on Guam: A Progress Report." American Anthropologist. No. 49. Pp. 518-524. Reed, Erik. General Report on Archeology and History of Guam. US National Park Service, Washington, D.C, 1952 Reinman, Fred. An Archeological Survey and Preliminary Test Excavations on the Island of Guam, Mariana Islands, 1965-1966. Mangilao, Guam: Micronesian Area Research Center, University of Guam, 1977. Thompson, Laura Maud. Archeology of the Marianas Islands. Bernice P. Bishop Museum, Bulletin 100. Honolulu: Bernice P. Bishop Museum, 1932. Thompson, Laura M. Guam and Its People. With a Village Journal by Jesus C. Barcinas. 3rd ed. Princeton: Princeton University Press, 1947. Previous documentation on file (NPS): preliminary determination of individual listing (36 CFR 67) has been requested ____ previously listed in the National Register previously determined eligible by the National Register ____designated a National Historic Landmark recorded by Historic American Buildings Survey #______ recorded by Historic American Engineering Record # recorded by Historic American Landscape Survey #_____ Primary location of additional data: State Historic Preservation Office ____ Other State agency Federal agency __ Local government ____ University Other Name of repository:

10. Geographical Data

Historic Resources Survey Number (if assigned): N/A

Fena (Mepo') Latte		N/A	GU
Name of Property		County	and State
Acreage of Propert	V		
Use either the UTM s	system or latitude/longitude	e coordinates	
Latitude/Longitude Datum if other than V			
(enter coordinates to			
1. Latitude:	Longit	ude:	
2. Latitude:	Longit	aude;	
3. Latitude:	Longit	ude:	

4. Latitude:	Longit	ude:	
Or UTM References Datum (indicated on NAD 1927 or			
1. Zone:	Easting:	Northing:	
2. Zone:	Easting:	Northing:	
3. Zone:	Easting:	Northing:	
4. Zone:	Easting:	Northing:	

Verbal Boundary Description (Describe the boundaries of the property.)

Fena (Mepo') Latte	N/A	GU
Name of Property	County and	State

Boundary Justification (Explain why the boundaries were selected.)

11. Form Prepared By
name/title: Carlos Madrid, Ph.D., Research Associate / Assistant Professor
organization: MARC, University of Guam
street & number: <u>UOG station</u>
city or town: Mangilao state: Guam zip code: 96923
e-mail_cmadrid@uguam.uog.edu
telephone:
date: August, 24, 2013

Additional Documentation

Submit the following items with the completed form:

- Maps: A USGS map or equivalent (7.5 or 15 minute series) indicating the property's location.
- Sketch map for historic districts and properties having large acreage or numerous resources. Key all photographs to this map.
- Additional items: (Check with the SHPO, TPO, or FPO for any additional items.)

Photographs

Submit clear and descriptive photographs. The size of each image must be 1600x1200 pixels (minimum), 3000x2000 preferred, at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map. Each photograph must be numbered and that number must correspond to the photograph number on the photo log. For simplicity, the name of the photographer, photo date, etc. may be listed once on the photograph log and doesn't need to be labeled on every photograph.

Fena I	(Mepo')) Latte

Name of Property

N/A GU
County and State

Photo Log

Name of Property: Fena Latte

City or Vicinity: Hagåtna; Andersen Air Force Base, Yigo; Nimitz Hill, Asan; Inarajan;

Agana Heights

County:

State: GU

Photographer: Carlos Madrid

Date Photographed: August 23, 2013

Description of Photograph(s) and number, include description of view indicating direction of camera:

I of 6: Senator Angel L.G. Santos Latte Park, Hagåtña

2 of 6: Senator Angel L.G. Santos Latte Park, Hagåtña

3 of 6: Andersen Air Force Base

4 of 6: Inarajan

5 of 6: Nimitz Hill

6 of 6: Agana Heights

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seg.).

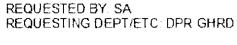
Estimated Burden Statement: Public reporting burden for this form is estimated to average 100 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management. U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.

AGANA, GUAM

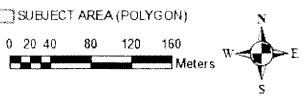
N 13 28 20 / E 144 45 05 : CENTER LAT/LONG 256516E/1490552N : UTM NW 256646E/1490493N : UTM NE 256580E/1490442N : UTM SE 256502E/1490520N : UTM SW

GUAM 2011 SATELITE IMAGERY BASE MAP (USGS AGANA QUADRANGLE MAP) guam wv2 rgb ps 02052011 v1 lut sid MAP TITLE D WGS 1984 DATUM





PREPARED BY / DATE : GISMT 8/27/13 DEPT OF PARKS AND RECREATION HISTORIC RESOURCES DIVISION





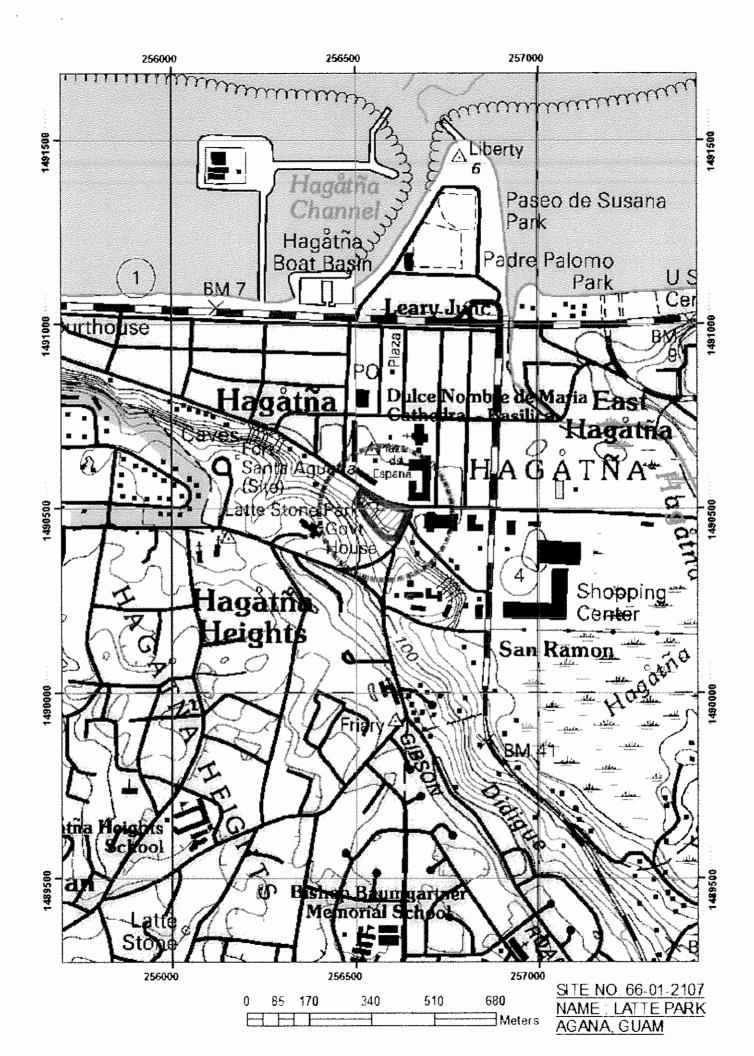


PHOTO I of 6. LATTE from FENA: Senator Angel L.G. Santos Latte Park, Hagåtña August 23, 2013. Photographer: Carlos Madrid



PHOTO 2 of 6. LATTE from FENA: Senator Angel L.G. Santos Latte Park, Hagåtña August 23, 2013. Photographer: Carlos Madrid



PHOTO 3 of 6. LATTE from FENA: Andersen Air Force Base, Guam Located across from Bowling Alley, corner of Chicago Avenue and OMalley Ave. June 12, 2011. Photographer: Jose U. Garrido, State Historic Preservation Office





PHOTO 4 of 6. LATTE from FENA. Location: Inarajan Village, by Inarajan Catholic Church November 5, 2012. Photographer: Jose U. Garrido, State Historic Preservation Office





PHOTO 5 of 6. LATTE from FENA. Location: Nimitz Hill, Guam August 2011. Photographer: Jose U. Garrido, State Historic Preservation Office



PHOTO 6 of 6 LATTE from FENA: Government House, Agana Heights August 23, 2013. Photographer: Carlos Madrid





United States Department of the Interior

National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, How to Complete the National Register of Historic Places Registration Form. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions.

Title:	State or Federal agency/bureau or Tribal Government
Signature of commenting official:	Date
In my opinion, the property meets does	not meet the National Register criteria.
State or Federal agency/bureau or Tribal Go	vernment
Signature of certifying official/Title:	Date
national X statewide X Applicable National Register Criteria: X A B X C D	, locai
In my opinion, the property meets does recommend that this property be considered signific level(s) of significance:	ant at the following
I hereby certify that this nomination requ the documentation standards for registering properti Places and meets the procedural and professional re	es in the National Register of Historic quirements set forth in 36 CFR Part 60.
3. State/Federal Agency CertificationAs the designated authority under the National Historia	oric Preservation Act, as amended,
2. Location Street & number:Guam Museum, Department of Flores Street, 2nd Floor, DNA Building City or town: _Hagåtña State:GUCounty: 010 Not For Publication:N/A Vicinity:N/A)
(Enter "N/A" if property is not part of a multiple pro	operty listing
Other names/site number: <u>I Kilo'</u> or <u>Charonia trit</u> Name of related multiple property listing: <u>N/A</u>	
COS FYDIA OF STATE	- 01 1173

National Park Service / National Register of Historic Places Registration Form GU Lumuna Shell Trumpet NA Name of Property County and State 4. National Park Service Certification I hereby certify that this property is: ___ entered in the National Register ___ determined eligible for the National Register ___ determined not eligible for the National Register removed from the National Register ___ other (explain:) _____ Signature of the Keeper Date of Action 5. Classification **Ownership of Property** (Check as many boxes as apply.) Private: Public - Local Public - State Public - Federal **Category of Property** (Check only **one** box.) Building(s)

Building(s)

District

Site

Structure

Object

NPS Form 10-900 OMB No. 1024-0018 Lumuna Shell Trumpet NA GU Name of Property County and State **Number of Resources within Property** (Do not include previously listed resources in the count) Contributing Noncontributing buildings sites structures objects Total Number of contributing resources previously listed in the National Register ___0___ 6. Function or Use **Historic Functions** (Enter categories from instructions.) RELIGION/not applicable = ceremonial device OTHER/communication = communication device **Current Functions** (Enter categories from instructions.) RECREATION AND CULTURE/museum = museum_

United States Department of the Interior

National Park Service / National Register of Historic Places Registration Form

muna Sheir Trumper	IVA GU
ne of Property	
7. Description	
Architectural Classification	
(Enter categories from instructions.)	
N/A	
\$400 Million Co. (1997)	
Materials: (enter categories from instructions.) Principal exterior materials of the property:	

Narrative Description

(Describe the historic and current physical appearance and condition of the property. Describe contributing and noncontributing resources if applicable. Begin with **a summary paragraph** that briefly describes the general characteristics of the property, such as its location, type, style, method of construction, setting, size, and significant features. Indicate whether the property has historic integrity.)

Summary Paragraph

The Lumuna (*Charonia tritonis*) Shell Trumpet was found in 2011 and is currently housed in the Guam Museum, Department of Chamorro Affairs. The shell measures 30.4 cm long and weighs 575.5 grams (Amesbury: 2011). With the exception of a missing portion in the apex, as seen in the picture, this trumpet shell, *I Kilo'*, retains its historic integrity evidenced by its association with Guam's prehistoric and historic period. It is in excellent condition, in spite that it seemingly was laid in the open ground for an undetermined amount of time. (DeFant 2011: Guam Historic Properties Data Form)

Trumpet shells were made once the mollusk was removed and the empty shell was thoroughly dry. A hole was carved in the narrower part of the shell, close to its center. Blowing in it circulated the air inside, producing a deep, horn-like sound.

Lumuna Shell Trumpet	NA GU
Name of Property	
Narrative Description	
This artifact was found 10 meters east of the western boundary of Land Lo Yigo, Guam. It was discovered by archaeological technician Joel Lukan, Area Research Services (MARS) during an archaeological inventory surve was in response to a requirement imposed by the Guam State Historic Pres conduct the survey before the company Smithbridge Guam Inc., expanded operations another 23.5 acres.	of the Micronesian ey in 2011. The survey servation Office to
Upon examination by Archaeologist Judy Amesbury, the Lumuna Trumpe have a diameter that varies slightly from 2.5 to 2.6 cm. The apex of the sh there is a break in the shell in the fourth body whorl from the apex. The m of the break are 9 cm by 6 cm. (Amesbury, 2011:1)	ell is damaged, and
The use of trumpet shells appears to have been prevalent and dispersed Region, from Melanesia, Polynesia and Micronesia, and across southe Philippine Islands, Indonesia and Malaysia.	
8. Statement of Significance	remainers of the second se
Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property listing.)	for National Register
A. Property is associated with events that have made a signific broad patterns of our history.	ant contribution to the
B. Property is associated with the lives of persons significant i	n our past.

Х

Criteria Considerations

history.

individual distinction.

C. Property embodies the distinctive characteristics of a type, period, or method of

D. Property has yielded, or is likely to yield, information important in prehistory or

construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack

Trumpet	NA	GL
in all the boxes that apply.)		
Owned by a religious institution or used for religious purposes		
Removed from its original location		
A birthplace or grave		
A cemetery		
A reconstructed building, object, or structure		
A commemorative property		
Less than 50 years old or achieving significance within the past	50 yea	ars
Significance o 1944		
nt Dates		
1695		
nt Person e only if Criterion B is marked above.)		
nt	Person	Person

иан	e of Property
	Cultural Affiliation
	Chamorro Culture

Architect/Builder

N/A

Lumuna Shell Trumpet

Statement of Significance Summary Paragraph (Provide a summary paragraph that includes level of significance, applicable criteria, justification for the period of significance, and any applicable criteria considerations.)

GU

NA

The Lumuna Trumpet Shell is significant under Criterion A since it possesses "integrity of association with the tradition cultural practice of shell trumpet use" (DeFant 2011:24); and also under Criterion C, because it embodies a distinctive characteristics of a type and period in Guam history.

Archaeological findings have shown that trumpet shells were in used as early as the 800AD, during the early Latte Period of the Prehistory of the Mariana Islands. Trumpet Shells were used for "inter-village communication" (DeFant 2011:23), sounding for war and peace, or as expression of grief during a burial (Scott Russell 1998:212).

Period of Significance.

Besides its use in the early *latte* period, historic references and oral testimonies in Guam refer to its continuous use up to the mid 1940s. Former resident of the Apra area, Mrs. Degracia (Personal Communication to the author, August 1, 2013), stated that in the immediate years before WWII, *I Kilo'* was usually blown to call for the prayer at the *Santa Cruz del Atantano*, (Atantano Shrine). Reference of its use in the last years of the 1930s is found in the *Merizo Village Journal* of Jesus C. Barcinas, cited by anthropologist Laura Thompson (Thompson 1947:328), "when the conch shell was blown and the church bell was rung due to a fire on a hill" that was heading towards the village.

In the first decades of the 19th Century, French explorer Freycinet recorded its existence in Guam in the time of his visit, in March 1819 (Glynn Barrat ed.: 2003). The navigators of the Spanish galleon *San Jeronimo*, in 1567, recorded seeing Chamorro people on board of outrigger canoes, and "blowing in a sea shell like a horn", as they surrounded their vessel (Levesque vol.2: 324).

The *Kulo*' connects the culture of the Mariana Islands not only within its own regional context, but across different historic times. It is one of the items that most clearly epitomizes the continuity of the Chamorro people as legitimate inheritors of the ancient and traditional customs of Guam and the Mariana Islands.

Narrative Statement of Significance (Provide at least one paragraph for each area of significance.)

Criterion A: The Lumuna Trumpet Shell is significant under Criterion A because it possesses "integrity of association with the traditional cultural practice of shell trumpet use" (DeFant 2011:24). It is a communication device that was largely important in "sounding off" information to the village communities, thus prompting the villagers to react and respond in the appropriate manner required of them.

Criterion C: The Lumuna Trumpet Shell is significant under Criterion C because it embodies a distinctive characteristics of a type and period in Guam history.

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form.)

Amesbury, Judy R. (2011), *Shell Trumpet*. Unpublished report. Micronesian Archaeological Research Services. Mangilao, Guam.

Amesbury, Judy R.; Hunter-Anderson, Rosalind (1990), An Archaeological Survey in the Lumuna Area, Yigo District, Guam. Micronesian Archaeological Research Services. Prepared for WE International Prefab Inc. Agaña, Guam.

DeFant, David G.; Amesbury, Judith R. (cont.); Moore, Darlene R., Moore (cont.) (2011), *Archaeological Inventory Survey, Lot 7027-5, Lumuna Area, Yigo, Guam.* Micronesian Archaeological Research Services. Report No. 2011-7729, Guam Historic Resources Division, Department of Parks and Recreation.

DeFant, David G. (2011), Lumuna Shell Trumpet Site. Guam Historic Properties Inventory Data Form. Guam Historic Resources Division. Department of Parks and Recreation.

Degracia. Personal Communication to Author and to Ms. Rita Nauta, August 1, 2013.

Freycinet, Louis Claude de (2003), An Account of the Corvette L'Uranie's Sojourn at the Mariana Island, 1819. Barratt, Glynn (ed.). Occasional Historical Papers No. 13, CNMI Division of Historic Preservation, Saipan.

Garrido, Jose (2011), *I Kilo'*. Unpublished report. Guam Historic Resources Division, Department of Parks and Recreation.

Russell, Scott (1998), *Tiempon I Manmofo'na*. Ancient Chamorro culture and history of the Northern Mariana Islands. Micronesian Archaeological Survey Report No. 31, CNMI Division of Historic Preservation, Saipan.

_umuna Shell Trumpet	NA GU
Name of Property	
Thompson, Laura (1947), Guam and Its Pe	eople. Princeton University Press. Princeton.
VV.AA. (2009). The Official Chamorro-E	nglish Dictionary. Department of Chamorro Affairs,
Hagåtña, Guam.	-S
Previous documentation on file (NPS	5):
preliminary determination of indi	vidual listing (36 CFR 67) has been requested
previously listed in the National I	Register
previously determined eligible by	
designated a National Historic La	
recorded by Historic American B	
recorded by Historic American E recorded by Historic American L	
recorded by Historic American L	andscape survey #
Primary location of additional data:	
X State Historic Preservation Offic	e
Other State agency	
Federal agency	
Local government	
University	
Other	
Name of repository:	
DY 4 1 D C No 1	/28 * N) NI/A
Historic Resources Survey Number	ii assigned): N/A
10. Geographical Data	
Acreage of Property N/A	
Acreage of Froperty	with the second
Yes the statement of th	B C I V
Use either the UTM system or latitude.	/longitude coordinates
Latitude/Longitude Coordinates	
Datum if other than WGS84:	
(enter coordinates to 6 decimal places)	
1. Latitude:	Longitude:
2. Laction day	Y amaita da
2. Latitude:	Longitude:

muna Sneit Trumpet		NA GU			
me of Property					
3. Latitude:	Longi	tude:			
4. Latitude:	Longi	tude:			
Or					
UTM References	CC man).				
Datum (indicated on US	O5 map).				
NAD 1927 or	NAD 1983				
1 7	¥** *	NT. 32.			
1. Zone:	Easting:	Northing:			
2. Zone:	Easting:	Northing:			
3. Zone:	Easting:	Northing:			
4. Zone:	Easting:	Northing:			
Verbal Boundary Desc	ription (Describe the b	oundaries of the property.)			
Boundary Justification	ı (Explain why the bour	ndaries were selected.)			
11. Form Prepared By					
nonsoliitles Coules Mudeid Dir D. Descende Accesses (A. S. et al. D. C.					
name/title: Carlos Madrid, Ph.D., Research Associate/Assistant Professor organization: MARC, University of Guam					
street & number: <u>UOG</u> :	station				
		state: Guam zip code: 96923			
e-mail_cmadrid@uguan telephone: 735-2154					
date: August 15, 2013	***************************************				
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			

Submit the following items with the completed form:

- Maps: A USGS map or equivalent (7.5 or 15 minute series) indicating the property's location.
- **Sketch map** for historic districts and properties having large acreage or numerous resources. Key all photographs to this map.
- Additional items: (Check with the SHPO, TPO, or FPO for any additional items.)

#### **Photographs**

Submit clear and descriptive photographs. The size of each image must be 1600x1200 pixels (minimum), 3000x2000 preferred, at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map. Each photograph must be numbered and that number must correspond to the photograph number on the photo log. For simplicity, the name of the photographer, photo date, etc. may be listed once on the photograph log and doesn't need to be labeled on every photograph.

#### Photo Log

Name of Property: Land Lot 7027-5

City or Vicinity: Lumuna, Yigo

County: NA State: Guam

Photographer: Judy R. Amesbury (Micronesian Area Research Services)

Date Photographed: May 2011.

Description of Photograph(s) and number, include description of view indicating direction of camera:

1 of 1.

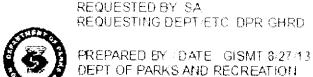
Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

**Estimated Burden Statement**: Public reporting burden for this form is estimated to average 100 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management, U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.

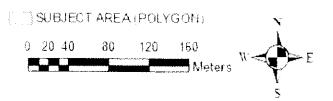
N 13 28 23 / E 144 45 11 CENTER LAT/LONG 256736E/1490586N UTM NW 256791E/1490584N UTM NE 256790E/1490566N UTM SE 256735E/1490563N UTM SW

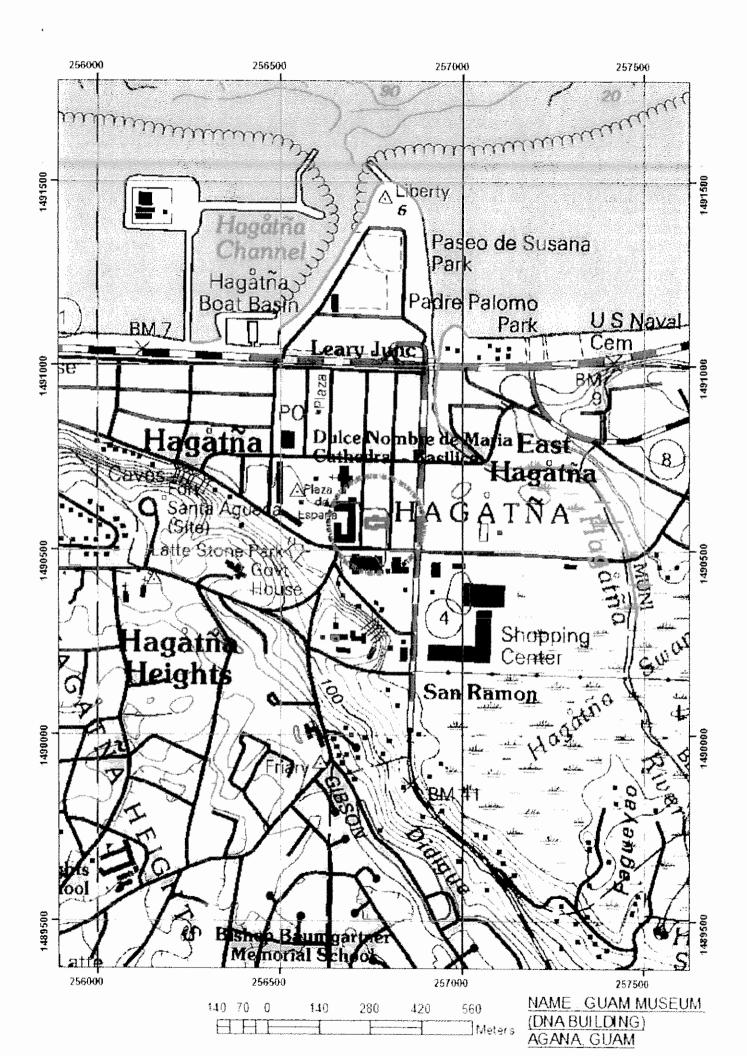
USGS AGANA QUADRANGLE BASE MAP





HISTORIC RESOURCES DIVISION







### United States Department of the Interior

National Park Service

# National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, *How to Complete the National Register of Historic Places Registration Form.* If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional certification comments, entries, and narrative items on continuation sheets if needed (NPS Form 10-900a).

instructions. Place additional certification comments, entries, and narrative items on	,
1. Name of Property	
historic name Fonte River Dam	
other names/site number Libugon Dam/ no. 66-01-2655	
2. Location	
street & number N/A	not for publication
city or town Libugon/Nimitz Hill	X vicinity
state Guam code GU county N/A	The state of the s
3. State/Federal Agency Certification	
As the designated authority under the National Historic Preservation Act	
I hereby certify that thisnomination request for determination for registering properties in the National Register of Historic Places and requirements set forth in 36 CFR Part 60.	
In my opinion, the property meets does not meet the National R be considered significant at the following level(s) of significance:	legister Criteria. I recommend that this property
X national X statewidelocal	
Signature of certifying official	Date
	State or Federal agency/bureau or Tribal Government
Title	State of receral agency/bureau or mibal Government
In my opinion, the property meets does not meet the National Register criteria.	
Signature of commenting official	Date
Title	State or Federal agency/bureau or Tribal Government
4. National Park Service Certification	
I, hereby, certify that this property is:	
entered in the National Register determ	nined eligible for the National Register
determined not eligible for the National Register remov	ved from the National Register
other (explain:)	
Signature of the Keeper	Date of Action

ONTE DAM lame of Property		GUAM County and State	ament transacion among pasa pakan.	
5. Classification				
Ownership of Property (Check as many boxes as apply)  Category of Property (Check only one box)		Number of Resources within Property (Do not include previously listed resources in the count.)		
private public - Local public - State public - Federal	building(s) district site x structure building(s) object	Contributing Noncontributing  buildings sites  1 structures objects buildings Total		
Name of related multiple pro (Enter "N/A" if property is not part of a		Number of contributing resources listed in the National Register	previously	
N/A		N/A		
6. Function or Use Historic Functions		Current Functions		
(Enter categories from instructions)		(Enter categories from instructions)		
Industry/Processing/Extraction	: Waterworks: Dam	N/A		
7. Description				
Architectural Classification	MATERIAL STATE OF THE STATE OF	Materials (Cotor actors/les from instructions)		
(Enter categories from instructions)  Late 19 th and Early 20 th Century American		(Enter categories from instructions) foundation: Concrete		
Edic 10 and Lany 20 Centul	yranenean	walls:		
		roof:		
		other: Brick, steel, cast iron	1100019AANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	

CONTE DAN	4
FONTE DAM	<i>I</i>
Name of Prope	et i
Mame of Mode	I I V

GUAM	
County and State	

#### Narrative Description

(Describe the historic and current physical appearance of the property. Explain contributing and noncontributing resources if necessary. Begin with **a summary paragraph** that briefly describes the general characteristics of the property, such as its location, setting, size, and significant features.)

#### Summary Paragraph

The Fonte Dam is built in the upper third of the Fonte River drainage where the river flows generally eastward. The land slopes steeply upwards to both the north and south of the dam. Tropical tree and shrub vegetation characterizes the north-slope while grasses are more predominant on the south slope. Trees and shrubs form a distinct riparian zone downstream from the dam. The dam impounds a very small pond on its upstream side.

The dam is principally poured concrete and trends roughly North-South. Two-hundred cubic yards of concrete were used in its construction. Its finished dimensions were 150 feet long, 24 feet high, 17 feet thick at the base, and 4 feet thick at the top. The complete length is currently obscured by colluvial wash and secondary growth. The spillway was finished with red brick, while the spillway retaining walls were constructed of red brick and then covered with concrete. (Moore et al. 2001: 75)

The dam is basically intact, and the spillway continues to operate, although the dam no longer functions to contribute to the domestic water supply of Hagåtña. There is minor damage to concrete facings, particularly along the top of the dam in the vicinity of the valve box. Steel and wood associated with housings, valves, the access walkway, and the water distribution system are missing or rusting in place. The bulk of the former reservoir (originally measured at 650 feet long by 150 feet wide) has in-filled since the dam was abandoned (sometime during or just after WWII).

#### Narrative Description

The following description is taken directly from the document entitled: Historic American Engineering Record, U.S. Naval Activities, Nimitz Hill, Fonte River Dam HAER No. GU-4

"This dam is located in a densely vegetated valley of the Fonte River, which runs between Nimitz Hill and Agana Heights. Access to the dam is by foot trail only. The river is really more like a stream. The red frick of the dam spillway contrasts with the lush green setting. The concrete portions of the dam are weathered grey or covered with vegetation, and so blend in with the surroundings.

The measurements for the dam were given, in a 1910 newsletter, as 150' long, 24' high, 17' thick at the base, 4' thick at the top, and comprised of 200 cubic yards of concrete (Moore *et al.* 2001: 75). According to a U.S. Navy document, the surface of the spillway is finished with 37,000 paving bricks (*lbid.*). The ogee-curved spillway measures 16'-0" wide, between the similarly curved retaining walls. The spillway retaining walls are also built of red brick, but are topped with concrete.

A 1909 plan of the dam showed that the basin behind it was about 650' long (from east to west) and 150' wide (*Ibid*). The basin has now silted in and the edges are hidden by vegetation.

FONTE DAM	
Name of Property	

GUAM
County and State

To the north and south of the brick spillway, the 4' wide dam walls are used as concrete walkways. Metal posts about 4' fall and 2" in diameter, spaced at fairly equal intervals, are located along the sides of each walkway. Metal chains originally ran between the metal poles as handrails, but only remnants are present.

Projecting from the top of the spillway and running alongside the northern spillway retaining wall is a broken cast fron pipe, about 6' in diameter. Since it is not on the original drawings, it appears to have been added after the dam was completed.

On the west face of the north side is a sluice control box, measuring  $6'-7" \times 5'-1\frac{1}{2}"$  with 12"-thick concrete walls. The valves are labeled "Chapman Valve / MFG CO. {in a banner across an interlaced C and V} / Boston U.S.A." The two gate valves in the sluice box project approximately 3' above the concrete box. They tapered from a 12" diameter at the base to a 4" diameter at the top.

A commemorative plaque on the east face of the north wing of the dam indicates the dam was completed in 1910 [however, research suggests a 1911 date of completion; see history section below]. The plaque on the dam has the following inscription:

FONTE RIVER DAM

1910

WM. H. TAFT

PRESIDENT OF THE U.S.

GEO. VON L. MEYER

SECRETARY OF THE NAVY

CAPT. E. J. DORN, U.S.N.

GOVERNOR OF GUAM

DESIGNED BY L. M. COX, CIVIL ENGINEER, U.S.N.

IN CHARGE OF WORK

COMPLETED BY C.A. BOSTROM

ASS'T CIVIL ENGINEER, U.S.N.

There is a concrete pad on the north bank of the Fonte River just below the dam. It measure about 4' x 5' and is approximately 3' high. Steps abut the north side and an electrical conduit and wire are on the top of the pad. This was apparently the base of a pump, to send water uphill. Portions of 6' diameter piping, and ocncrete supports for it are still in place uphill of this pad. The pipes are labeled "Rensselaer Valve Co., Troy, N.Y. 6-36."

Strafing marks from World War II, including bullet holes on the east facing surface, can be seen. On the south side of the dam, Japanese soldiers' items, such as gas mask parts and mess kits were located (*Ibid*).

8. Stat	tement of Significance	
Applic (Mark ">	cable National Register Criteria of in one or more boxes for the criteria qualifying the property onal Register listing)	Areas of Significance (Enter categories from instructions)
IOI Naii	mai riegister iistirig)	Community Planning and Development
X A	Property is associated with events that have made a significant contribution to the broad patterns of our	Engineering
n	history.	Health and Medicine
В	Property is associated with the lives of persons significant in our past.	Industry
C	Property embodies the distinctive characteristics of a type, period, or method of construction or	
	represents the work of a master, or possesses high artistic values, or represents a significant	Period of Significance
	and distinguishable entity whose components lack individual distinction.	1910-1947
D	Property has yielded, or is likely to yield, information important in prehistory or history.	Significant Dates
		•
		1910-1919
	ia Considerations (" in all the boxes that apply)	
		Significant Person
Prope	rty is:	(Complete only if Criterion B is marked above)
A	owned by a religious institution or used for religious purposes.	
В	removed from its original location.	Cultural Affiliation
С	a birthplace or grave.	
D	a cemetery.	
E	a reconstructed building, object, or structure.	Architect/Builder
F	a commemorative property.	
G	less than 50 years old or achieving significance within the past 50 years.	

Period of Significance (justification)
The Dam was completed in 1910 and was the first water facility constructed by the U.S. administration. The U.S. National Archives contains a 1947 photo of the dam being inspected, the assumption being that it was still in use.

Criteria Consideratons (explanation, if necessary)

N/A

**Statement of Significance Summary Paragraph** (provide a summary paragraph that includes level of signficance and applicable criteria)

Fonte Dam was the first construction related to the modern water system for the city of Hagåtña. It represented the largest government engineering effort that directly benefitted the local population. The dam is no longer in use, but remains in place and is in very good condition.

#### Narrative Statement of Significance (provide at least one paragraph for each area of significance)

<u>Community Planning and Development</u>: Fonte Dam water was distributed throughout the city by a network of main lines, making it possible for individual households to pipe water directly to homes for the first time. In addition, fire-hydrants were installed along these lines providing both fresh water and protection during fires.

Engineering: Fonte Dam was the culmination of the work of a number of engineers who were stationed on Guam during the early American Period. Leonard M. Cox, Civil Engineer, identified the location for the dam and provided the original design; R.M. Warfield, Assistant Civil Engineer saw the dam through its construction; and Assistant Civil Engineer C.A. Bostrom oversaw its completion. A number of difficulties had to be overcome to construct the dam, not the least of which was the construction of a road from Hagatna to the dam site, and the construction of a steam engine on the hill above the site to run a bucket cable that moved materials from the staging area to the dam site.

<u>Health and Medicine</u>: Water from the Fonte Dam replaced the often contaminated water being obtained by the residents of Hagåtña from shallow wells. This greatly improved the health of the city's inhabitants and allowed the island population to begin to expand.

Industry: In the 1917 publication, The Island of Guam, which was a revision of a manuscript first penned by Civil Engineer L.M. Cox, the provision of clean water to Hagåtña that was made possible by the Fonte Dam was considered a major achievement of the American administration. Among the services managed and provided by the administration were medical facilities, sewerage systems, and fresh water delivery.

#### Developmental history/additional historic context information (if appropriate)

After the US takeover of the island in 1898 water systems were assessed and found to be inadequate for the development of the island. At the time, the majority of the population obtained their water from springs and hand-dug wells, while a few families had constructed cisterns and used these to collect rainwater. The majority population residing in the capitol, Hagåtña, was dependent upon the water from hand-dug wells that were spaced throughout the city. There were no water delivery systems in place. The very first facilities the Americans constructed were a dam on the Fonte River in 1910, and a six-inch pipe that brought water to a concrete reservoir constructed above Hagåtña. Water from this reservoir was then distributed to the city through main lines. One of these was 1000 feet of two-inch pipe emplaced along Soledad Street that allowed for the first fire hydrants to be put in place. Unfortunately, turbidity was a problem with water from the dam during periods of high rainfall(Brooks 1937a:7).

The Medical Corps soon recommended abandonment of the hand dug wells that had previously been used in Hagåtña, and as an alternative modern water supply was developed, these wells were gradually abandoned and filled in. The net result of this one action was a decrease in the death rate and a consequent increase in population. Population increase understandably precipitated the demand for more water. This became particularly problematic during the dry seasons following construction of the Fonte dam when there was a water shortage.

#### 9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets)

Previous documentation on file (NPS):

Primary location of additional data:

preliminary determination of individual listing (36 CFR 67 has been requested Other State agency Federal agency Federal agency previously determined eligible by the National Register Local government designated a National Historic Landmark X University Trecorded by Historic American Buildings Survey # GU-4-1 Other X recorded by Historic American Engineering Record # GU-4 Name of repository:			Office
Historic Resources Survey Number (if assigned):			
10. Geographical Data			
Acreage of Property (Do not include previously listed resource acreage)			
UTM References (Place additional UTM references on a continuation sheet)			
1 NW 254075 1489009	3 <u>NE</u>	254090	1488992
Zone Easting Northing	Zone	Easting	Northing
2 SW 254063 1488977  Zone Easting Northing	4 SE Zone	254081 Easting	1408970 Northing
Verbal Boundary Description (describe the boundaries of Boundary Justification (explain why the boundaries were			
11. Form Prepared By			
name/title Richard K. Olmo, Staff Archaeologist			
organization Guam State Historic Preservation Office		date 10 June 200	
street & number 490 Chalan Palasyo		telephone 671/47	
city or town Hagåtña Heights	·	state Guam	zip code 96910
e-mail <u>geogarch@uguam.uog.edu</u>			
Additional Documentation Submit the following items with the completed form:			

• Maps: A USGS map (7.5 or 15 minute series) indicating the property's location.

A **Sketch map** for historic districts and properties having large acreage or numerous resources. Key all photographs to this map.

- Continuation Sheets
- Additional items: (Check with the SHPO or FPO for any additional items)

#### Photographs:

Submit clear and descriptive black and white photographs. The size of each image must be 1600x1200 pixels at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map.

Name of Property: Fonte River Dam

City or Vicinity: Asan

County: N/A

State: GU

Photographer: John Mark Joseph, State Archaeologist

Date Photographed: August 14, 2010

Description of Photograph(s) and number:

1 of 5 (Figure 1): View of Fonte River Dam Spillway facing Southwest.

2 of 5 (Figure 2): Concret Dedication Plaque.

3 of 5 (Figure 3): A view of the western wall looking southeast.

4 of 5 (Figure 4): A view of the two valves.

5 of 5 (Figure 5): Spillway and east wall showing the brick work.

#### 9. Major Bibliographical References (Continuation Sheet)

Cox, Leonard M. et al.

1917 The Island of Guam. Washington, Government Printing Office

Guam News Letter

1909-1913 Entries related to the construction of Fonte Dam and the water system for Hagatña.

Moore, Darlene et al.

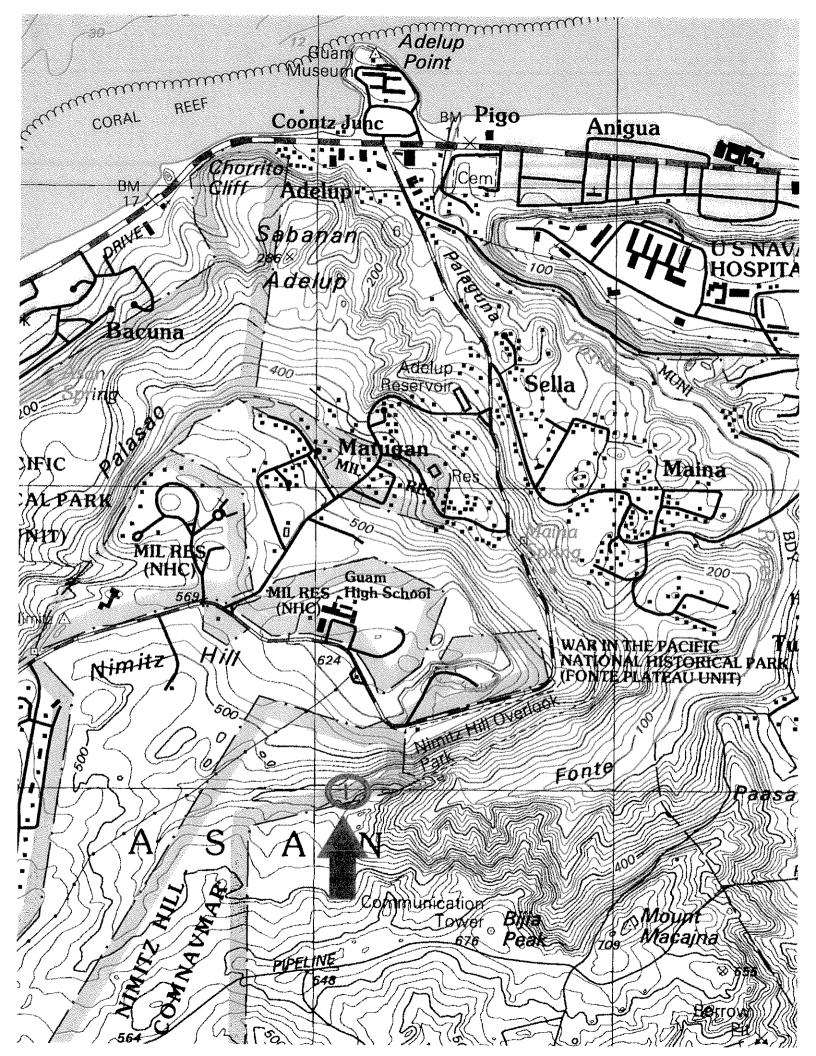
2001 Phase II Archaeological Survey: Detailed Recording of Sites on the Lands to be Retained by the Navy, Nimitz Hill, Territory of Guam, Mariana Islands, prepared by Micronesian Archaeological Research Services, Inc. for International Archaeological Research Institute, Inc. and the Department of the Navy, Pacific Division Naval Facilities Engineering Command.

Yoklavich, Ann, Rebecca Graves, and Joanmarie Orlowski

U.S. Naval Activities, Nimitz Hill, Fonte River Dam: (U.S. Naval Activites, Guam Waterfront Annex, Fonte Dam) Spanning the Fonte River, Nimitz Hill, Guam, Mariana Islands. Presented as HAER No. GU-4. Prepared by Mason Architects, Inc., Honolulu for the National Park Service, Oakland.

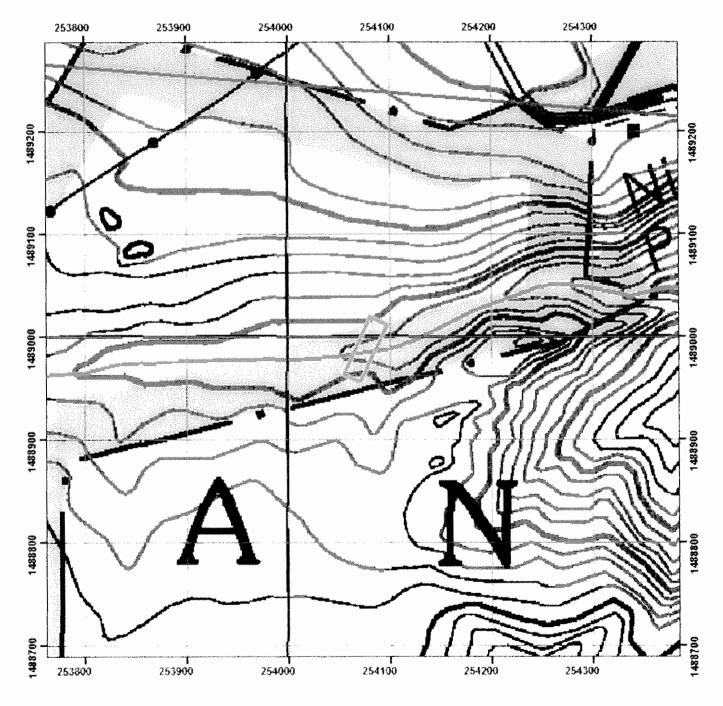
Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

**Estimated Burden Statement:** Public reporting burden for this form is estimated to average 18 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management. U.S. Dept. fo the Interior, 1849 C. Street, NW, Washington, DC.



N 13 27 31 / E 144 43 43 CENTER LAT/LONG 254079E/1489020N :UTM NW 254096E/1489012N :UTM NE 254070E/1488957N :UTM SE 254054E/1488963N :UTM SW

#### USGS AGANA QUADRANGLE MAP BASE MAP



REQUESTED BY SA REQUESTING DEPT/ETC DPR GHRD

PREPARED BY / DATE : GISMT 8/27/13 DEPT OF PARKS AND RECREATION HISTORIC RESOURCES DIVISION

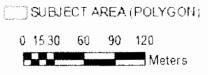








Figure 1: View of Fonte River Dam Spillway facing Southwest, August 14, 2010.



Figure 2: Concrete Dedication Plaque on the western wall of the Fonte River Dam facing south. The plaque reads: FONTE RIVER DAM / 1910. / WM. H. TAFT. / PRESIDENT OF THE US / GEO. VON L. MEYER / SECRETARY OF THE NAVY / CAPT. E. T. DORN, U.S.N. / GOVERNOR OF GUAM / DESIGNED BY L. M. COX CIVIL ENGINEER U. S. (Broken off after S) / ASST. CIVIL ENGINEER R. M. WARFIELD (Broken off...previously noted U.S. before first break) / IN CHARGE OF WORK / COMPLETED BY C. A. BOSTROM / ASST. CIVIL ENGINEER



Figure 3: A view of the western wall of the Fonte River Dam looking south east.



Figure 4: View of the two valves labeled Chapman Valves / C (over) V MFG. CO. / Boston / U. S. A.

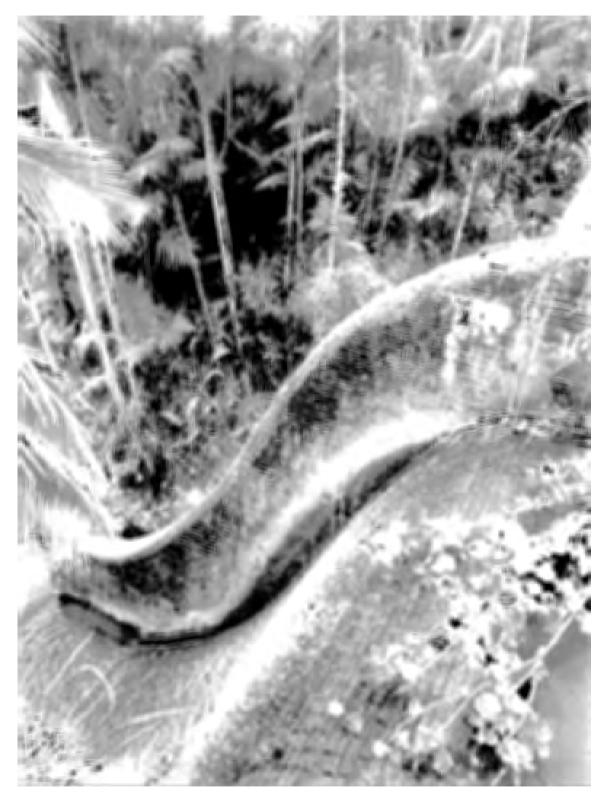


Figure 5: Spillway and east wall showing the brick work.

# National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, How to Complete the National Register of Historic Places Registration Form. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions.

1. Name of Property	
Historic name: Sergeant Shoichi Yokoi Colle	ection
Other names/site number: 66-01-2656	**************************************
Name of related multiple property listing:  N/A	
(Enter "N/A" if property is not part of a multiple	
(Line) 1071 if property is not part of a manapac	property fishing
2. Location	
Street & number: Guam Museum, Departmen	t of Chamorro Affairs, 238 Archbishop
Flores Street, 2nd Floor, DNA Building	
City or town: <u>Hagåtña</u> State: <u>GU</u> County:	
Not For Publication:N/A Vicinity:N/A	A
3. State/Federal Agency Certification	
As the designated authority under the National I I hereby certify that this nomination rethe documentation standards for registering properties and meets the procedural and professional In my opinion, the property meets do recommend that this property be considered sign level(s) of significance:  X_national X_statewide X_A B X_C D	quest for determination of eligibility meets perties in the National Register of Historical requirements set forth in 36 CFR Part 60. Does not meet the National Register Criteria.
Signature of certifying official/Title:	Date
State or Federal agency/bureau or Tribal	Government
In my opinion, the property meets d	loes not meet the National Register criteria.
Signature of commenting official:	Date
Title:	State or Federal agency/bureau

National Park Service / National Register of Historic Places Registration Form NPS Form 10-900 OMB No. 1024-0018

Name of Property	County and State
4. National Park Service Certification	
I hereby certify that this property is:	
entered in the National Register	
determined eligible for the National Register	
determined not eligible for the National Register	
removed from the National Register	
other (explain:)	
Signature of the Keeper	Date of Action
5. Classification	
Ownership of Property	
(Check as many boxes as apply.)	
Private:	
Public – Local	
Public – State	
Public – Federal	
Category of Property	
(Check only <b>one</b> box.)	
Building(s)	
District	
Site	
Structure	
Object	

Sergeant Shoichi Yokoi Collection		NA GU
ne of Property		County and State
Number of Resources within Pro	unartv	
(Do not include previously listed re		
	Noncontributing	
Contributing	Noncontituting	haritelin cer
***************************************		buildings
		sites
		SILCS
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wheels committee and the control of		500 00000000000000000000000000000000000
		objects
24.5 - 14.5 d	• As class State Community of an American Colored Control of Control Contro	J. T.
		Total
6. Function or Use Historic Functions (Enter categories from instructions	5.)	
DOMESTIC/camp = temporary h	nabitation site	
DEFENSE/fortification = bunker		
DESCRIPTION OF THE PROPERTY OF		
should be a second or should be a second or se		
Current Functions		
(Enter categories from instructions		
C C	;.)	
	s.)	
Recreation and Culture/museum =		
Recreation and Culture/museum =		
Recreation and Culture/museum =		

Sergeant Shoichi Yokoi Collection	NA GU
ne of Property	County and State
7. Description	
Architectural Classification	
(Enter categories from instructions.)	
The contract of the contract o	
4101-4101-4101-4101-410-410-410-410-410-	
Management of the property of	
web workship for the format is provided the contract the	
Materials: (enter categories from instructions.)	1 61
Principal exterior materials of the property:other:	metal, wood, fiber

#### Narrative Description

(Describe the historic and current physical appearance and condition of the property. Describe contributing and noncontributing resources if applicable. Begin with a summary paragraph that briefly describes the general characteristics of the property, such as its location, type, style, method of construction, setting, size, and significant features. Indicate whether the property has historic integrity.)

#### Summary Paragraph

The collection of artifacts used by Sergeant Shoichi Yokoi, the last Japanese straggler in Guam, represents the main set of vestiges of his 28 years history of survival and endurance. The set is comprised of approximately forty pieces of artifacts, varying from clothes, tools, guns and ammunition. The collection is currently housed in the Guam Museum, retaining its integrity in materials and workmanship. Some items show corrosion and smoke blackening, as a result of their use for over 28 years.

Some of the items were handcrafted, like the loom he made to weave clothes. Yokoi, a tailor's apprentice before the war, used fibers of local plants such as the Pågo tree to make trousers, shirts, etc. He also made sandals, sewing implements, and buttons, including items of the

Sergeant Shoichi Yokoi Collection

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simplest commodities for daily use, such as utensils, canteens, etc., which he either kept with him since before hiding, or obtained from surrounding properties. The set of artifacts offers contemporary visitors tangible testimonies of the hardships of the living conditions and struggle to survive endured by Sergeant Yokoi. The Collection also serves as a complement to Yokoi's Cave, located in Talofofo, Guam, in which Sergeant Yokoi lived out his 28 years, from the time Guam was recaptured by the United States July 21, 1944, to the time he was discovered in 1972. Yokoi's Cave is visited every year by thousands of tourists. Yokoi's Cave has been listed in the National Register since January 16, 1980 (RefNum 80004244)

#### **Narrative Description**

Sgt. Yokoi arrived on Guam on February 1943, assigned to the 38th Regiment of the Japanese Imperial Army. He was in the Fena mountain area by July 21, when the first U.S. troops landed on Guam. After the Japanese defenses were destroyed, Yokoi and nine other companions managed to march towards Talofofo, where they hid in the mountains.

Japanese stragglers were, by then, so numerous, that a group refused to host Yokoi (Higuchi, 2013:230). Eventually he and other two companions dug a man-made cave. For the next 28 years he survived by feeding on rats, frogs, snails, shrimps, coconuts, and fruits from the area, such as breadfruits, mangoes and papayas. By 1952 he learned that the war was over through a leaflet that the US forces had scattered throughout remote areas of Guam.

Two other Japanese stragglers in Guam, Private Bunzō Minagawa, and his superior Sergeant Masashi Itō, had surrendered on May, 1960. The other two companions of Yokoi, according to his testimony, died of starvation sometime around 1964. In late January, 1972, the search party of the Guam Police, that was exploring Yokoi's cave, found their bones in a nearby tunnel.

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Yokoi was di	scovered in a tributary of the Talofofo River in January	24, 1972, by local residents
Jesus M. Due	ñas and Manuel T. DeGracia. His story immediately r	aised international attention,
particularly in	Japan, where he was regarded as a hero.	
Yokoi declar	ed to have known that the war was over since 1952 (	Walthall, 2002:212), but he
was afraid of	surrendering. In fact, upon being found by Degracia a	nd Dueñas, his first reaction
was to charge	against them.	
Information i	n need of further evaluation, is the unverified belief th	nat some disappearances and
deaths that to	ook place in the same area in the years prior to 1972, c	ould be attributed to Yokoi.
He died in 19	97, and, as for 2013, these accusations remain unconfirm	med.
Applicabl	ment of Significance  e National Register Criteria in one or more boxes for the criteria qualifying the prop	perty for National Register
X A.	Property is associated with events that have made a si broad patterns of our history.	gnificant contribution to the
В	. Property is associated with the lives of persons signif	icant in our past.
х С.	Property embodies the distinctive characteristics of a construction or represents the work of a master, or post or represents a significant and distinguishable entity windividual distinction.	ssesses high artistic values,
D.	. Property has yielded, or is likely to yield, information history.	important in prehistory or
	Considerations in all the boxes that apply.)	

A. Owned by a religious institution or used for religious purposes.

Sergean	t Shoichi Yokoi Collection	NA	GU
ne of Prop	erty	County an	d State
	B. Removed from its original location.		
	C. A birthplace or grave.		
	D. A cemetery.		
	E. A reconstructed building, object, or structure.		
	F. A commemorative property.		
	G. Less than 50 years old or achieving significance within the pa	ast 50 years	i.
	of Significance categories from instructions.)		
Invent			
Other:	Survival Techniques		
Period	l of Significance		
194	4-1972		
Signifi	icant Dates		
July	24, 1972		
Signifi	icant Person		
	plete only if Criterion B is marked above.)		
	Should be a second of the seco		
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	ral Affiliation		
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Sergeant Shoichi Yokoi Collection	NA GU
Name of Property	County and State
Architect/Builder	
N/A	

**Statement of Significance Summary Paragraph** (Provide a summary paragraph that includes level of significance, applicable criteria, justification for the period of significance, and any applicable criteria considerations.)

The collection of artifacts of Sgt. Yokoi, last active Japanese soldier in U.S. Territory, after the end of World War II, is eligible for listing on the National Register of Historic Places (NRHP) at the national, state and local levels.

The period of significance covers the period from July 21, 1944, when Guam was liberated from Japanese Military rule, to the end of World War II, and up to 1972, when he was discovered and thereby surrendering.

The Collection provides valuable insights of his life in Guam throughout the 28 years of his hideout, the hardships he went through, and his ingenuity in solving the needs of daily life using limited resources that he could obtain in the area surrounding the cave he constructed as his refuge.

The artifacts of Yokoi are a tangible indication, three decades after the end of the hostilities, of the extreme difficulties that the people of Guam and the U.S. troops faced against the suicidal determination of Japanese soldiers, who took to the extreme, their loyalty to an Emperor of quasi-divine status.

**Narrative Statement of Significance** (Provide at least **one** paragraph for each area of significance.)

After the surrender of Japan, on August 15, 1945, several Japanese soldiers on Guam and other isolated areas of the Pacific, either considered the news about the end of the war as American propaganda, or refused to surrender due to fear of reprisal.

Before Yokoi, in Anatahan, one of the Northern Mariana Islands, a group of Japanese holdouts was rescued in 1951. Two other Japanese stragglers were found in Guam long after the end of the war, Sergeant Masashi Itō, and Private Bunzō Minagawa, who surrendered in late May, 1960. Other two companions of Yokoi, of the original group of ten, survived in hiding until their death, which must had happened sometime in 1964, following Yokoi's testimony. Their bones were

Sergeant	Shoichi	Yokoi	Collection
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found by a search team of the Guam Police, and eventually repatriated in the same flight that took Yokoi back to Japan on February 2, 1972. Yokoi was the last of the Japanese holdouts in Guam, and one of the last in the world.

For the people of Guam and island visitors, as well as for military historians and survivalist, the story of the last Japanese straggler in Guam raises curiosity and interest. The fact that Yokoi managed to stay alive and reasonably sane for such period of time, in such difficult circumstances, are indicatives of his resolution and strength.

#### 9. Major Bibliographical References

**Bibliography** (Cite the books, articles, and other sources used in preparing this form.)

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Previous documentation on file (NPS)	•	
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preliminary determination of indiv previously listed in the National R		een requesteu
previously determined eligible by		
designated a National Historic Lan		
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recorded by Historic American La		
Primary location of additional data:		
State Historic Preservation Office		
Other State agency		
Federal agency		
Local government		
University		
X Other		
Name of repository: <u>Guam Muse</u>	um	
10. Geographical Data		
Acreage of Property	van	
Use either the UTM system or latitude/le	ongitude coordinates	
Latitude/Longitude Coordinates Datum if other than WGS84:	natura.	
(enter coordinates to 6 decimal places)  1. Latitude:	Longitude:	
2. Latitude:	Longitude:	
3. Latitude:	Longitude:	
4. Latitude:	Longitude:	

Sergeant Shoichi Yokoi e of Property	Collection	NA GU County and State
Or UTM References Datum (indicated on	USGS map): or NAD 1983	
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Boundary Justifica	tion (Explain why the bound	aries were selected.)
11. Form Prepared	By	
name/title:Carlo organization: Micror street & number: 490 city or town: Agaña e-mail_cmadrid@ug	os Madrid, Ph.D., Research A nesian Area Research Center O <u>Chalan Palasyo</u> Heights state: <u>Guam</u> guam.uog.edu 71-475-6294/5	.ssociate / Assistant Professor (MARC), University of Guam zip code:_96910

Sergeant	Shoichi \	/okoi	Collection
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#### Additional Documentation

Submit the following items with the completed form:

- Maps: A USGS map or equivalent (7.5 or 15 minute series) indicating the property's location.
- **Sketch map** for historic districts and properties having large acreage or numerous resources. Key all photographs to this map.
- Additional items: (Check with the SHPO, TPO, or FPO for any additional items.)

#### **Photographs**

Submit clear and descriptive photographs. The size of each image must be 1600x1200 pixels (minimum), 3000x2000 preferred, at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map. Each photograph must be numbered and that number must correspond to the photograph number on the photo log. For simplicity, the name of the photographer, photo date, etc. may be listed once on the photograph log and doesn't need to be labeled on every photograph.

#### Photo Log

Name of Property: Sergeant Shoichi Yokoi Collection

City or Vicinity: Hagåtña

County: N/A State: Guam

Photographer: Carlos Madrid

Date Photographed: August 19, 2013

Description of Photograph(s) and number, include description of view indicating direction of camera:

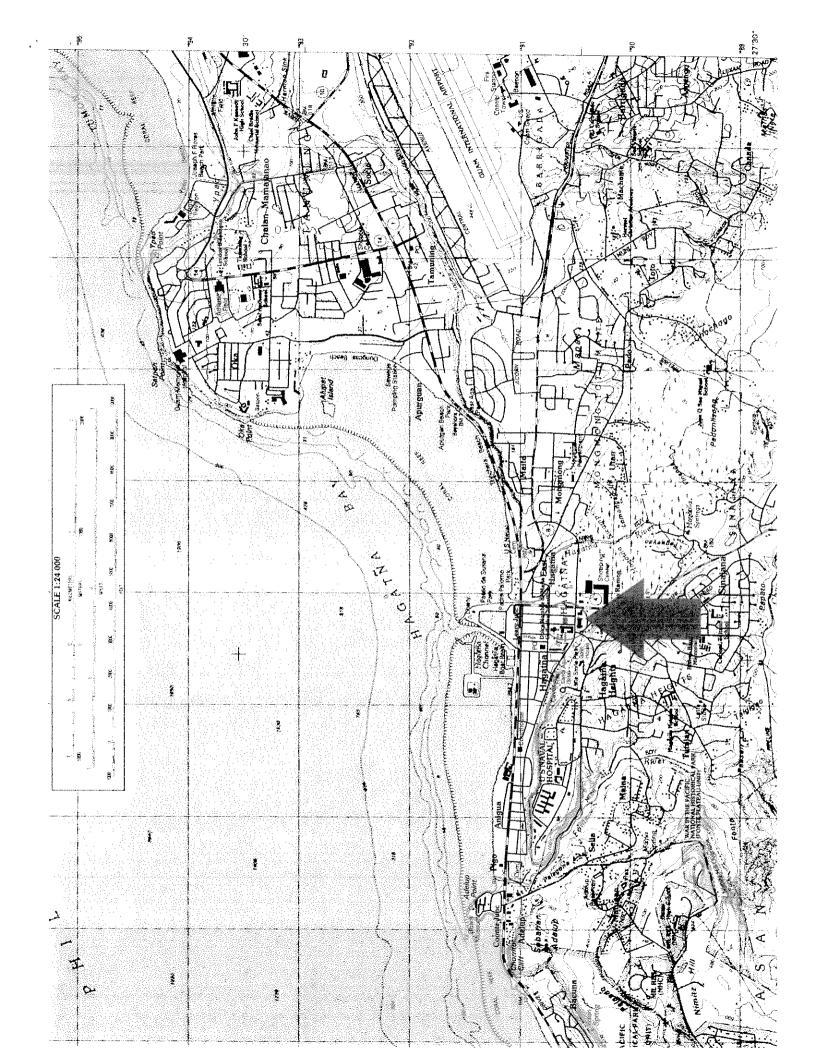
1 of 4: Hand woven, hand sewn shirt. Made of coconut husk fiber. Shirt is similar to attire worn by Japanese soldiers.

Sergeant Shoichi Yokoi Collection	NA GU
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- 2 of 4: Hand woven, hand sewn pants with coconut shell buttons. Made of coconut husk fiber.
- 3 of 4: Hand woven, hand sewn knapsack. Made of plant fiber.
- 4 of 4: Hand-made sewing implements.

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

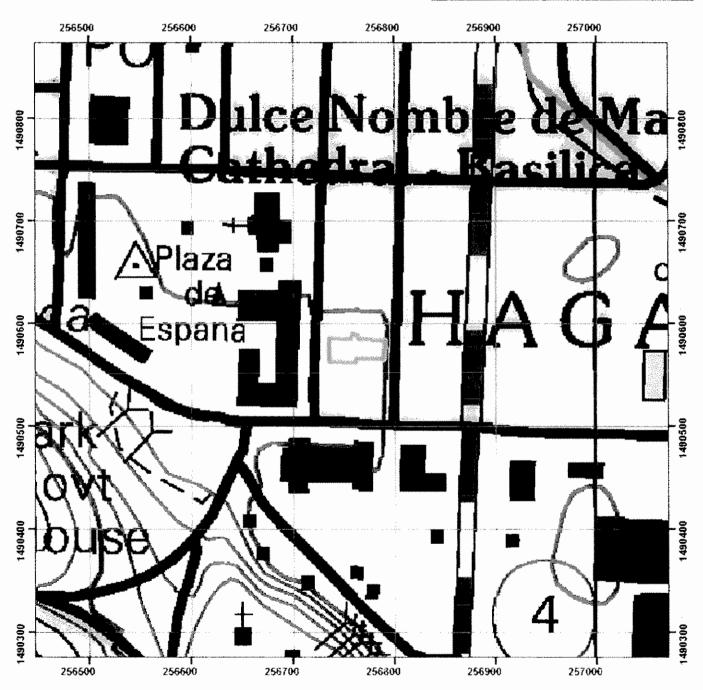
**Estimated Burden Statement**: Public reporting burden for this form is estimated to average 100 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management. U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.



AGANA, GUAM

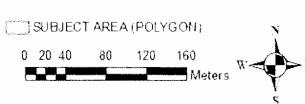
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USGS AGANA QUADRANGLE BASE MAP



REQUESTED BY SA REQUESTING DEPT/ETC DPR GHRD

PREPARED BY / DATE : GISMT 8/27/13 DEPT OF PARKS AND RECREATION HISTORIC RESOURCES DIVISION



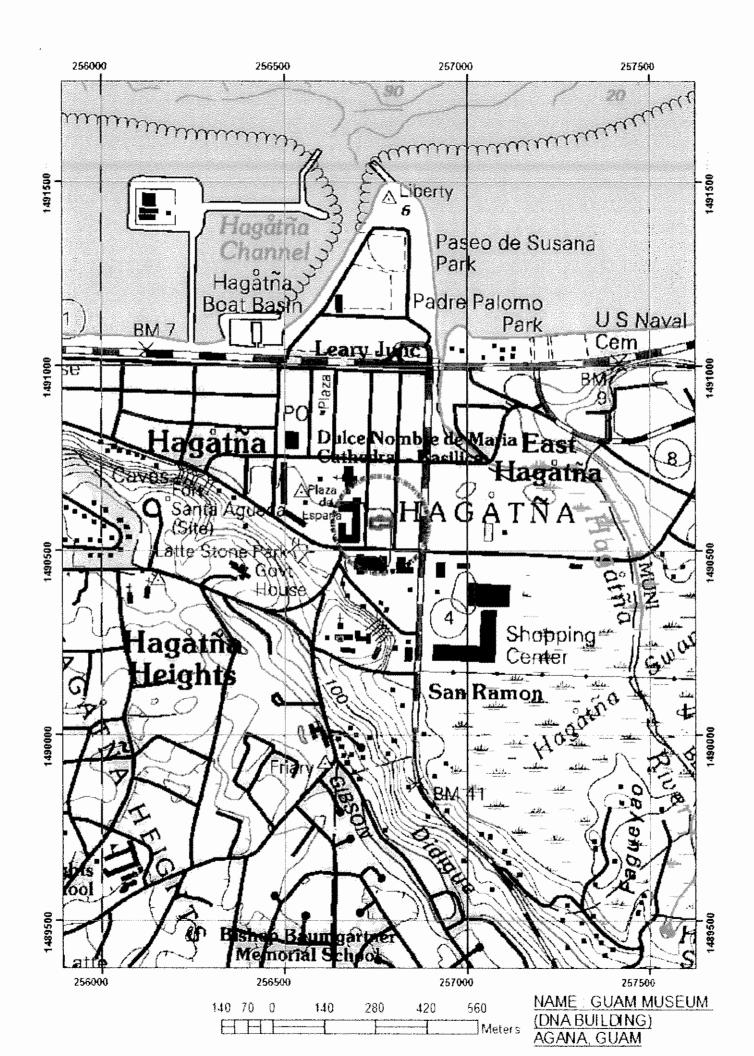


Photo 1 of 4: Hand woven, hand sewn shirt. Made of coconut husk fiber. Shirt is similar to attire worn by Japanese soldiers.



2 of 4: Hand woven, hand sewn pants with coconut shell buttons. Made of coconut husk fiber.

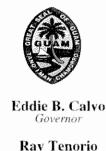


3 of 4: Hand woven, hand sewn knapsack. Made of plant fiber.



4 of 4: Hand-made sewing implements.





# Department of Parks and Recreation Government of Guam

490 Chalan Palasyo Agana Heights, Guam 96910 Director's Office: (671) 475-6296/7 Facsimile: (671) 477-0997

Parks Division: (671) 475-6288/9 Guam Historic Resources Division: (671) 475-6294/5 Facsimile: (671) 477-2822



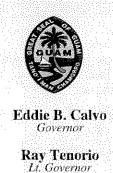
Lt. Governor

#### NOTICE OF INTENT TO NOMINATE HISTORIC PROPERTIES

### 36 CFR PART 60 – NATIONAL REGISTER OF HISTORIC PLACES Section 60.6 Nominations by the State Historic Preservation Officer under approved State Historic Preservation programs

- (b) The State shall consult with local authorities in the nomination process. The State provides notice of the intent to nominate a property and solicits written comments especially on the significance of the property and whether or not it meets the National Register criteria for evaluation. The State notices also gives owners of private property an opportunity to concur in or object to listing.
- (g) Upon notification, any owner or owners of a private property who wish to object shall submit to the State Historic Preservation Officer a notarized statement certifying that the party is the sole or partial owner of the private property, as appropriate, and objects to the listing.
- (j) The State Review Board shall review the nomination forms or documentation proposed for submission on the nomination forms and any comments concerning the property's significance and eligibility for the National Register. The State Review Board shall determine whether or not the property meets the National Register criteria for evaluation and make a recommendation to the State Historic Preservation Officer to approve or disapprove the nomination.

If you wish to comment on the nomination of the property to the National Register, please send your comments to the State Historic Preservation Office before the Guam Historic Preservation Review Board considers this nomination on September 26, 2013.



#### Department of Parks and Recreation Government of Guam

490 Chalan Palasyo Agana Heights, Guam 96910 Director's Office: (671) 475-6296/7 Facsimile: (671) 477-0997 Parks Division: (671) 475-6288/9

Guam Historic Resources Division: (671) 475-6294/5 Facsimile: (671) 477-2822



# EFFECTS OF LISTING HISTORIC PROPERTIES ON THE NATIONAL REGISTER OF HISTORIC PLACES

The National Register is an authoritative guide to be use by Federal, State, and Local governments, private groups and citizens to identify the National's cultural resources and to indicate what properties should be considered for protection from destruction or impairment. Listing of private property on the National Register does not prohibit under Federal law or regulations any actions which may otherwise be taken by the property owner with respect to the property.

Eligibility for Guam Preservation Trust grants: The Guam Preservation Trust, a public, non-profit corporation, separate and distinct from the Department of Parks and Recreation maintains a program of grants and assistance for owners and properties, which have been listed on the Guam and National registers. For further information regarding this grant program, contact the Guam Preservation Trust. <a href="https://www.guampreservationtrust.com">www.guampreservationtrust.com</a>

Consideration in planning for government of Guam agency managed, contracted, funded, or permitted projects: All government of Guam agencies are required to preserve historic properties under their jurisdiction, and to consult with the Guam Historic Preservation Officer before approving plans, or contracts, or issuing permits for actions which may affect places listed on or eligible for listing on the National Register of Historic Places.

No transfer of ownership, or are visitations required. The listing on the National Register of Historic Places does not change any ownership rights, nor are owners of registered sites required to allow public visitation. Listing is a declaration that the place does embody important links to the past for the community.