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MILITARY RELOCATION TO GUAM AND CNMI PROGRAMMATIC AGREEMENT (PA) MEMO #1

Project: J-001B Finegayan Utilities and Site Improvements Phase 1	Date: October 2, 2014
Project Location: Naval Base Guam Telecommunications Site (NBGTS)	Prepared By: NAVFAC Pacific
PROJECT SUMMARY:	
<p>This project proposes the first phase of required utilities and site improvements at Naval Base Guam, Telecommunications Site (NBGTS) on the island of Guam, should NBGTS be the selected alternative for construction of a cantonment area to support the Guam and Commonwealth of Northern Mariana Islands (CNMI) Military Relocation (the Undertaking). The project area is located in the north central part of the island within the village or municipality of Dededo. Although today the general area is commonly referred to as Finegayan or North Finegayan, its pre-World War II name is Machanao.</p>	
<p>J-001B is a revised laydown of J-001 U&SI Mass Grub and Grade, Phase 1, which was originally identified in the 2010 Final EIS (FEIS) for the military relocation to Guam and CNMI and Appendix E of the 2011 <i>Programmatic Agreement among the Department of Defense, the Advisory Council on Historic Preservation, the Guam State Historic Preservation Officer, and the Commonwealth of the Northern Mariana Islands State Historic Preservation Officer Regarding the Relocation to the Islands of Guam and Tinian</i> (the Undertaking) as “U&SI Mass Grub and Grade, Phase 1 (GoJ).” In accordance with Stipulation IV.F. of the PA, J-001B is a project for which new areas have been introduced, as the area of potential effects (APE) has changed location and increased in size (see Figure 1). Accordingly, this memo presents information to allow interested members of the public to provide comments on the DoD’s identification and evaluation of historic properties within the project’s APE, as well as the DoD’s determination of effect.</p>	
PROJECT LOCATION:	
<p>NBGTS is located in northwestern Guam, west of Route 3 and south of Northwest Field at Andersen Air Force Base. It supports headquarters communications center activities, and provides communications receiving operations for Navy and other Department of Defense (DoD) services on the island. It occupies approximately 1,195 hectares (2,952 acres) of land.</p>	

1 The posting of this PA Memo on the Cultural Resources Information (CRI) website is required by Stipulations IV.E.2. and V.B. of the 2011 Military Relocation PA as a means for interested members of the public to provide comments on the DoD’s identification and evaluation of historic properties and determination of effects, respectively. Confidentiality requirements under the Archaeological Resources Protection Act (ARPA) and National Historic Preservation Act (NHPA) prohibit federal agencies from publicly disclosing the exact nature and location of archaeological sites and other types of historic properties such as traditional cultural properties (TCPs).

The NBGTS APE is situated on the limestone plateau above the western cliffs of northern Guam. The plateau, which rises from 120 to 150 meters (400 to 500 feet) above mean sea level (amsl), is relatively flat, although there are localized raised and depressed areas caused by differential solution of the limestone bedrock below the soil layer.

The total APE for J-001B is 350.82 hectares (866.9 acres).

PROJECT DESCRIPTION:

This project proposes to conduct construction and associated efforts, to include design work, for J-001B Finegayan Utilities and Site Improvements Phase 1 and future improvements and vertical construction projects within the bounds of Finegayan Utilities and Site Improvements Phase 1 at NBGTS (Figure 1). *Please note: this PA memo is for consultation regarding potential effects to historic properties resulting from construction activity associated with J-001B and design studies to support future vertical construction within the bounds of the J-001B APE as shown in Figure 1. Additional consultation for future individual vertical construction projects will be initiated once Congress has approved funding for each project and design efforts for those projects are complete.*

Project design works will include vegetation clearance for the purpose of accessing specific study locations, placing geotechnical borings (via auger) and mechanized excavation to facilitate sample collection, and placement of survey markers (wooden stake hubs and/or rebar) for topographic support. Generally, geotechnical work entails drilling borings with a truck-mounted drill rig using 8-inch diameter augers or pipe casing with water or air rotary drilling. Boring depths vary, but generally range from 5 feet to a maximum of 110 feet. Additionally, backhoe test pits up to 3 feet wide and 12 feet long may be excavated in some areas to depths ranging from 3 to 8 feet. Samples of subsurface soil/rock materials are collected from borings and test pits for laboratory analyses. After completion of sampling, borings are filled with grout and test pits are backfilled with the leftover excavated material. The effort may also require munitions and explosives of concern (MEC) removal and associated efforts.

Project works include clearing, grubbing, grading, earthwork such as digging, trenching, drilling, boring and/or cut and fill), processing and stockpiling of green waste, erosion and sediment control, roadways, sidewalks, curbs and gutters, traffic signs, temporary construction fence, perimeter/security fence, landscaping and other site improvements. An electrical substation, underground electrical distribution, telecommunications conduit and cabling, mechanical utilities (water transmission main and sanitary sewer) will also be constructed.

IDENTIFICATION OF HISTORIC PROPERTIES:

Scope of DoD Identification Efforts

In planning for the Undertaking, the Department of Defense (DoD) first conducted a data gap

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analysis to determine the need for supplemental identification and evaluation surveys and then conducted those surveys. In consultation with the Guam SHPO, Advisory Council on Historic Preservation (ACHP), National Park Service (NPS) and Concurring Parties to the 2011 Programmatic Agreement (2011 PA), the DoD has applied the results of those identification efforts to the siting/lay down of individual projects to avoid and minimize effects to historic properties to the extent practical. DoD has provided documentation of these efforts to the Signatories and Invited Signatories via Appendices D and E of the 2011 PA.

DoD surveys and evaluations have focused on project-specific APEs, defined consistent with 36 CFR §800.16(d) to include those portions of the island of Guam and Tinian subject to direct and indirect effects of projects included in the Undertaking, based on the July 2010 Final Environmental Impact Statement (FEIS) for the Guam and CNMI Military Relocation.

In addition to the archaeological and architectural surveys and evaluations, DoD has completed extensive archival research and oral history studies and interviews to identify traditional cultural properties, places, sacred sites, and culturally important natural resources such as the *nunu*, *da'ok*, *dokdok*, and *ifit* trees, and medicinal plants.

More specifically, the entirety of the J-001B APE has been subject to one or more of the historic property identification efforts listed in 36 CFR §800.4(b)(1), which may include background research, consultation, oral history interviews, sample field investigation and field survey. As such, results of identification and evaluation efforts for the J-001B APE can be found in the following original studies of cultural and/or historic resources conducted prior to, or in support of the 2010 FEIS.

Athens, J.S.

2009 *Final Archaeological Surveys and Cultural Resources Studies on Guam and the Commonwealth of the Northern Mariana Islands in Support of the Joint Guam Build-Up Environmental Impact Statement Volume I: Guam*. Prepared by International Archaeological Research Institute, Inc. Honolulu, HI.

Dixon, Boyd, S. Walker and R. Schaefer

2011 *Final Report Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Final Archaeological Surveys on Guam 2010 on Andersen AFB*. Prepared by the Naval Facilities Engineering Command, Pacific Division, by TEC Inc.

Haun, Alan E.

1988 *Archaeological Reconnaissance Survey and Field Inspections of Relocatable Over-the-Horizon Radar Sites on Guam, Mariana Islands, Micronesia*. Prepared for Wilson Okamoto and

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Associates, Inc., Paul H. Rosendahl, Ph.D., Inc. Hilo, HI.

Highness, D. and Alan E. Haun

1990 *Archaeological Inventory Survey DTS Facility: Barrigada and Finegayan Sites, Dededo and 3 Barrigada Municipalities Territory of Guam*. Prepared for Belt Collins by Paul H. Rosendahl, Ph.D., Inc., Hilo.

Kurashina, H., T. McGrath and H. Manner

1987 *Archaeological Survey of Areas 1, 2, 1A, and 2A at Northwest Field, Andersen Air Force Base and Naval Communication Area Master Station Western Pacific, Finegayan, Guam, Mariana Islands*. Prepared for Department of Navy, Pacific Division, Naval Facilities Engineering Command. University of Guam, Mangilao, Guam and Bernice P. Bishop Museum, Honolulu, HI.

Kurashina, H., D. Wooster, T. McGrath, and J. Toenjes

1988 *Archaeological Investigations of the Route 3 Road Corridor, Territory of Guam, Mariana Islands*. Prepared for Juan C. Tonorio and Associates, Inc., Agana, Guam.

Olmo, Richard K., T. Mangieri, D. Welch, and T.S. Dye

2000 *Final Phase II Archaeological Survey and Detailed Recording at Commander, U.S. Naval Forces Marianas (COMNAVMARIANAS) Communications Annex (Formerly Naval Computer and Telecommunications Area Master Station, Western Pacific [NCTAMS WESTPAC]), Territory of Guam, Mariana Islands*. Prepared for the Department of the Navy, Pacific Division, Naval Facilities Engineering Command, Building 258 Makalapa Drive, Pearl Harbor, Hawaii under contract N62742-97-D-3511 to International Archaeological Research Institute, Inc.

Reinman, F.

1977 *An Archaeological Survey and Preliminary Test Excavations on the Island of Guam, Mariana 6 Islands, 1965-1966*. Miscellaneous Publications No.1. Micronesian Area Research Center, University of Guam, Mangilao.

Welch, D.

2010 *Final Archaeological Surveys and Cultural Resources Studies Conducted in 2007 on the Island of Guam in Support of the Joint Guam Build-Up Environmental Impact Statement; Volume I: Narrative and Volume II: Site Descriptions*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii under Contract N62742-06-D-1870, Task Order 10 to TEC, Inc.

4 The posting of this PA Memo on the Cultural Resources Information (CRI) website is required by Stipulations IV.E.2. and V.B. of the 2011 Military Relocation PA as a means for interested members of the public to provide comments on the DoD's identification and evaluation of historic properties and determination of effects, respectively. Confidentiality requirements under the Archaeological Resources Protection Act (ARPA) and National Historic Preservation Act (NHPA) prohibit federal agencies from publicly disclosing the exact nature and location of archaeological sites and other types of historic properties such as traditional cultural properties (TCPs).

Results of the above studies indicate that eight historic properties are located within the J-001B APE:

Historic Property 1 is comprised of an early 20th century water catchment cistern.

Historic Property 2 is a WWII era encampment.

Historic Property 3 is a large previously bulldozed pre-Contact habitation site and artifact scatter.

Historic Property 4 is a WWII era Seabee Camp.

Historic Property 5 is a pre-Contact artifact scatter.

Historic Property 6 is a probable pre-Contact midden deposit.

Historic Property 7 is a probable pre-Contact midden deposit and habitation site.

Historic Property 8 is a probable pre-Contact midden deposit.

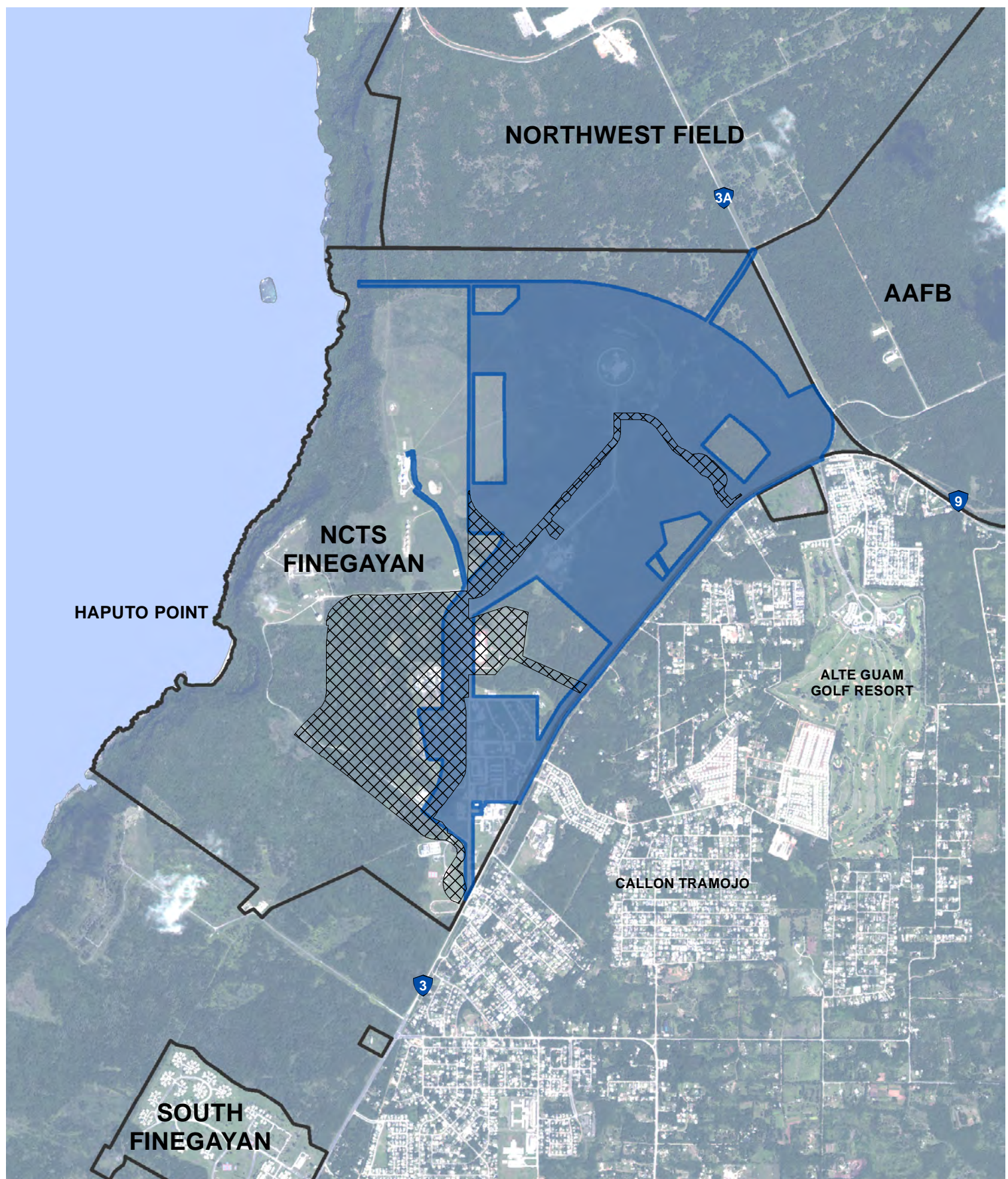
DETERMINATION OF ELIGIBILITY:

Pending input from consulting parties and the public, the DoD has determined that eight sites within the J-001B APE are eligible for listing in the National Register of Historic Places under Criterion D due to their potential to yield information important to prehistory or history.

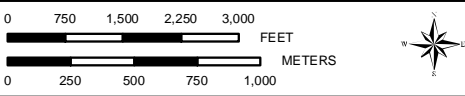
DETERMINATION OF EFFECT:

The DoD has determined that eight historic properties will be adversely affected by the proposed project. Upon closure of the 45 day period for receipt of comments for this PA Memo, the DoD will provide an opportunity for the parties to the PA and the public to comment on its plan for resolving this effect in the form of a second PA Memo and additional 45 day comment period.

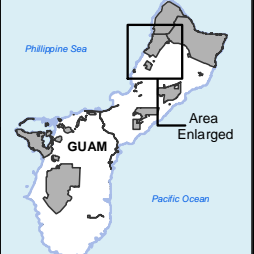
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J-001B U&SI Mass Grub and Grade, Phase 1 (GoJ)



- J-001 APE (2011)
- Impact Footprint (J-001B)



U&SI Impact Area = 867 Ac

Date: Wednesday, August 13, 2014
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