

## INTRODUCTION

Commander, Fleet Activities, Yokosuka (CFAY) Environmental Division's Cultural Resources Management Programs is arguably the largest within all DOD service components; comprised of some of its oldest, most diverse and most impressive assets. Located just inside Tokyo Bay on the Pacific Ocean side of Honshu, CFAY is one of the five major islands of Japan. CFAY is approximately 43 miles south of Tokyo, and 18 miles south of Yokohama. CFAY's area of responsibility (AOR) also includes housing areas at Ikego and Negishi; fuel terminals at Hakozaki, Koshiba, and Tsurumi; an ordnance depot at Urago; Yokohama North Dock and Nagai. As the Navy's largest, most strategically important overseas installation, CFAY hosts 83 tenants with a population of greater than 24,000 military and civilian personnel. CFAY manages over 1,700 acres of land, 1,500 buildings, and 8,200 feet of berth. The base's primary mission is to maintain and operate base facilities for the logistic, recreational, administrative support and service of the U.S. Naval Forces Japan, U.S. SEVENTH Fleet and other operating forces assigned within the Western Pacific.

The Yokosuka Naval Base was originally established in 1865 by the Tokugawa shogunate as Japan's first naval arsenal and then later set up as headquarters of the Imperial Japanese Navy by the Meiji government. Through its complex Japanese military history and eventual occupation by U.S. Forces, CFAY has accumulated a wide diversity of cultural resources, including 19<sup>th</sup> century French-designed drydocks and tunnel/cave networks developed during WWII. CFAY also has and continues to preserve numerous non-military cultural resources, including historical shrines, tombs, and archeological sites dating back to the Paleolithic era.



## BACKGROUND

CFAY's cultural resources include 33 archeological sites registered by the Kanagawa Prefecture, 234 historical buildings/architectural structures, 21 monuments that memorialize historical events/religions/people/animals, complex WWII tunnel networks used for protection from bombing and shelling, and dry docks made in the late 1800s of stone blocks with stepped sides. CFAY's Integrated Cultural Resources Management Plan (ICRMP), just recently updated in December 2010, outlines the installation's cultural resources. CFAY's December 1998 memorandum of agreement with Zushi City promotes the cultural enrichment of both Japanese and American residents through joint management and display of artifacts and co-sponsorship of educational events.

As a leader in environmental protection, CFAY strives to meet and exceed stringent U.S. and Japanese government cultural asset protection standards. CFAY has established partnerships with local and prefectural government agencies, museums, and universities that have promoted information exchange, created opportunities for joint cultural preservation efforts, furthered public education, and improved community relations.

With only a half of a CNIC-funded man-year allotted at CFAY for cultural resources management, outside network and volunteer recruitment has become an integral component of CFAY's cultural resource protection strategy.

## PROGRAM SUMMARY

CFAY continues to meet and exceed strategically planned cultural resource management objectives in its Integrated Natural Resources Management Plan. Program features and objectives for FY10/FY11 included:

- Utilizing volunteers to support resource protection efforts;
- Monitoring projects from conception to completion for potential cultural impacts;
- Maintaining an Installation History Resource Center;
- Conducting cultural and historical tours, briefs, and lectures;
- Joint effort with Japanese technical experts to evaluate long-term preservation requirements of historical structures and to conduct archeological evaluations;
- Preserving cultural and historical items such as capstans, fossil shells, and brickwork; and
- Involving the community in multiple cultural and historical resource activities.

Through these and other efforts, CFAY continues to meet and exceed the high standards placed upon its cultural resources management program.

## ACCOMPLISHMENTS

### Overall Cultural Resources Management

In FY10 and FY11, CFAY partnered with its host country to strengthen the protection and management of CFAY's cultural resources, while reducing its operating costs. City and museum officials provided cultural resource site survey assistance and expertise to support Navy excavation, construction, and demolition projects. Their support enables the Navy to quickly execute projects while ensuring cultural resources preservation and conservation. Also, in coordination with the City of Zushi, CFAY is conducting area surveys of tombs in the Ikego housing area. These joint efforts resulted in the identification of several tombs.

CFAY has well-defined processes and resources for coordinating with a wide range of personnel on cultural resources management requirements. Coordination includes cultural resources on-line ECATTS training, insertion of cultural protection requirements into contracting documents, updating GIS maps of cultural resources and making them widely available, and presentations on protection requirements to newly arrived personnel.

CFAY's ICRMP underwent a major update during this achievement period, which was completed in December 2010. The update included: A new map of monuments, additional data on the caves, updated archeological lists, updated architectural properties lists, and updated management recommendations. Upon completion of the update, CFAY immediately began developing strategies for tiered implementation of the plan's new recommendations.

### **Historic Buildings and Structures**

Most of CFAY's cultural resources are maintained and used to support the SEVENTH Fleet and CFAY mission, often in their original capacity. The historical stone block dry docks are preserved in their original design and are used as functional dry docks. The Imperial Japanese Navy Headquarters building serves as today's CFAY Command Headquarters. Tunnels continue to be used for a number of military purposes, including storage of equipment and vehicles.



CFAY has gone to great lengths to retain the structural framework of historical buildings that are in need of replacement to meet the Navy's changing needs. During FY10 and FY11, three industrial, administrative, and community support buildings were rehabilitated using the original historical structure's frames and foundations.

CFAY continues to ensure that architectural inventorying and mapping of its cultural resources are comprehensive. Inventory of cultural resources has been completed on the Main Base, and funding and resources are in place to complete inventory in outlying areas in FY14. Update of GIS maps began in FY11 and is scheduled for completion in FY12.

### **Archeological Resources**

By partnering with other organizations, CFAY ensured top quality archeological research with minimal cost. For example, in October 2010, CFAY oversaw an archeological survey conducted by the Government of Japan at Ikego. The survey found rice fields and boundary stones dating from 1600 to 1868. Also, upon discovery of ancient tombs located within the CFAY AOR, CFAY combined efforts with the Zushi City Board of Education to document and survey the tombs in FY10 and will continue efforts in the future. The tombs are the first of their kind on the East Coast of Japan.

CFAY maintains an on-base History Resource Center that exhibits artifacts that were recovered from a housing development project on Ikego. The center is open to both Navy personnel, and the local Japanese community, and hosts local Japanese school field trips from elementary school to local universities. The center displays a wide range of artifacts, including pottery, earthenware, fossils, stone models, and tombstones.

CFAY has a well established program for protection of archeological sites and sensitive areas. Excavation and disturbance are prohibited in these areas, and enforced through the project review process, and routine monitoring by environmental compliance personnel. Artifact recovery is only conducted when artifacts are discovered inadvertently during projects occurring in areas not known to contain archeological resources.

During construction projects, historical artifacts such as bricks and concrete have been inadvertently discovered on CFAY during the FY10 and FY11 achievement period. These artifacts were provided to the Yokosuka City Board of Education and Yokosuka City Museum. Through partnerships with local academic institutions, scientific evaluations were performed on the artifacts, including age determinations and composition.

CFAY continues to ensure that inventorying and mapping of its archeological resources are up-to-date. A first pass archeological inventory has been completed on all CFAY installations. Resources are in place to complete detailed investigations of archeological resources in FY14. Updated GIS maps showing the location of archeological sites are available for all installations.

### **Curation**

CFAY continues to work in close collaboration with the Yokosuka City Museum, the City of Yokosuka, and the City of Yokosuka Board of Education to preserve Japanese movable property. In FY10 and FY11, CFAY preserved fossil shells, a historical railroad bridge, brickwork, capstans, steel sluice gates, metal cover, rails, steel bolts, rifles, and bayonettes. The artifacts (or the manufacturer's plates for larger items) were documented and donated to the Yokosuka City Museum in an effort to preserve the items and to promote their availability to researchers and the general public.

CFAY's numerous donations to the Yokosuka City Museum have resulted in exhibits dedicated solely to the presentation of cultural and historic relics donated from Yokosuka Base. In addition to having collections available at the Yokosuka City Museum, CFAY also maintains an Installation History Resource Center, housing more than 25,000 artifacts. The Center, which includes more than 240 registered cultural assets in the Kanagawa prefecture, is regularly visited by on and off base elementary school, middle school, and high school students, as well as Japanese University students, researchers, tourists, and base residents.

### **Cultural Resources Awareness and Education (on an off CYFAY Property)**

In reaching out to members within and outside of its community, CFAY continues to tout a substantially well rounded public awareness cultural resource management program. CFAY submits environmental articles on a regular basis to the installation newspaper. CFAY also does environmental advertisements on the Armed Forces Network (AFN) television station and in the installation movie theaters.

The CFAY Cultural Resources Program Manager routinely interfaces with educators at academic institutions to provide mutual educational benefits. In the summer of 2010, the CFAY Cultural Resources Manager gave a brief on CFAY's cultural resources management strategies and structures to five students at the Kokugakuin University in Tokyo. This brief gave students a practical understanding of cultural resources management, as well as educating future Japanese leaders about the Navy's extensive efforts to protect its resources on base.

### **Community Relations**

As stewards of the environment, CFAY has enthusiastically assumed the responsibility of educating on and off base residents regarding CFAY's rich historical and cultural resources. Upon arrival into Japan, all personnel, residents, and family members throughout CFAY's AOR are provided detailed briefs regarding environmental protection at Area Orientation Briefs. The briefs include a discussion of the cultural resources and preservation efforts on CFAY.

As part of its promise to education, CFAY provides numerous base historical and cultural educational tours each year. FY10 tours included a base tour for Japanese historians, a Kokugakuin University professor and students of his Modern History class, Yokosuka City Museum personnel, as well as quarterly historical tours for base residents and local Japanese nationals.



CFAY also organizes annual safety and environmental fairs aimed at educating CFAY personnel, family members, and residents of the need for environmental stewardship. During the environmental fair, CFAY distributed pamphlets and engage in educational dialogue with many of the students enrolled in CFAY schools.

Part of CFAY's success in maintaining and preserving its rich historical and cultural presence is due to its support and affiliation with outside organizations. CFAY coordinates with a wide array of cultural resource organizations, including the Yokosuka, Zushi, and Yokohama Boards of Education, the Kanazawa prefectural government, the National Science Museum, the Yokosuka City Museum, the Yokohama National University, Tokyo Foreign Language University, and the Kogakuin University. Information sharing, consultation, and technical exchanges with these organization help CFAY and its surrounding communities develop and maintain robust cultural resources management programs.



CFAY organizes and conducts more than 50 cultural resource volunteer events per year, including on and off base beautification events and monument clean-up events. CFAY manages an Adopt-A-Monument program designed to stimulate greater familiarity and awareness of the many monuments located throughout CFAY's AOR. Participants in the program adopted twenty-one culturally significant monuments throughout Yokosuka Naval Base. Responsibilities assigned to adoptive participants included monthly maintenance and cleanings of the areas surrounding the

monuments. A diverse group of participants, including the Girl Scouts Chapter; the American Red Cross; Port Operations; Fleet and Family Support Services; Commander, U.S. Naval Region Japan; the U.S. Naval Hospital; the Ship Repair Facility and Japan Regional Maintenance Center; the Navy Yokosuka Fitness, Stroller Boot Camp Group; the Afloat Training Group; the Space and Naval Warfare Systems Command; and other individual family volunteers, took an active role in making the Adopt-A-Monument program a success.

### **Environmental Enhancement**

CFAY recognizes the importance of the quality of life for its personnel and their family members as it remains positively correlated to the success of the military mission. CFAY provides over 15 opportunities annually for cultural interaction by conducting and sponsoring cultural volunteer

activities between American and Japanese families. Such involvement benefits CFAY residents and the military mission, as it promotes positive relations between the U.S. and its host nation.

### **Mission Enhancement**

CFAY's careful attention to routine maintenance, repair, and safety issues associated with CFAY's historical structures have allowed for their continued usage supporting CFAY and the SEVENTH Fleet's mission. Tunnels continue to be used for a number of military purposes, including storage of equipment and vehicles. The historical stone block dry docks continue to be preserved in their original design and are used as functional dry docks. The Imperial Japanese Navy Headquarters building serves as today's CFAY Command Headquarters.

### **Cultural Resources Compliance**

CFAY coordinates with a wide array of regulatory organizations, including the Yokosuka, Zushi, and Yokohama Boards of Education, and the Kanazawa prefectural government, the National Science Museum. Consultation and routine technical exchanges with these organization help CFAY and its supporting governmental organization develop and maintain robust cultural resources management programs.

Funding for Cultural Resources Management is carefully programmed through EPRWeb. After the ICRMP was completed in 2010, CFAY mapped out a 5-year tiered execution strategy for refined inventorying of both archeological (\$172k) and architectural (\$142k) resources in outlying areas, integration of known resources into GIS maps (\$3k), ventilation improvements for the artifact stored in the Ikego ammunition cave (\$122k), and improved educational outreach efforts (\$68k).



In FY10, CFAY also expanded the efforts of multiple commands, departments, and personnel throughout CFAY's AOR to enforce environmental protections. New projects in the CFAY AOR are reviewed and monitored from cradle-to-grave to ensure continued compliance throughout the life of the project, and even after project completion. Cultural resource issues are considered and communicated during project proposal, during contract development, in contract environmental protection plans, during pre-construction meetings, throughout project execution, at project closure, and the project's continuing use after completion.