

**RESTORATION INFORMATION MANAGEMENT SYSTEM
FORMERLY USED DEFENSE SITES (FUDS)
PROJECT FACT SHEET**

AUGUST 1996

HNC REVISION: 29 APRIL 1997

TAG REVIEW DATE: 7 MAY 1997

1. SITE NAME: Fullerville Target

SITE NUMBER: I04FL091200

LOCATION:

City: Deland

County: Lake

State: Florida

PROJECT NUMBER: I04FL091201

CATEGORY: OE

INPR RAC: 3

ASR RAC: 3

TAG RAC: 3 (NOFA)

2. POC's:

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3. SITE DESCRIPTION: The former Fullerville Target consisted of approximately 219 acres of land located in sections 22, 23, 26 and 27, Township 17 South, Range 29 East, Lake County, Florida. It is approximately 5 miles southwest of the city of Deland and four miles east of Fullerville, Florida. The property is accessible from county maintained Cummer Road and borders on State Road 44 where it is enclosed by a barbed wire fence. Formal entry is through a locked gate on Cummer Road. The site is used for pasture (cattle grazing) and forest and belongs to one owner, Mr. and Mrs. Lenholt. There is evidently encroaching development near the site and it is the owner's intent to develop the site in the future.

The former Fullerville Target has a subtropical climate consisting of long, warm, and humid summers and mild winters. The average rainfall is approximately 49 inches. The terrain has no significant changes in elevation. The water table is virtually at the surface at a depth of 0 to 2 feet. The site is lowland and near a swampy area close to the St. Johns River. The slope of the land is slight, drainage is imperfect, and water collects in ponds on the surface of the site. A portion of the site is considered swamp area.

4. SITE HISTORY: Fullerville Target, later designated as "Kongo", the name of a Japanese battleship, was acquired by the U.S. Government for use as a bombing target for the Navy in December, 1943. The property was obtained by lease and or condemnation from Henry A. Tanner and the Brown Lumber and Manufacturing Company and used as a bombing target until 1 May 1946 when it was no longer required.

The Fullerville Target was used primarily for range estimation and angle calibration. The target consisted of the outline of a battleship on the ground. Small practice bombs containing the Signal AN-MK 4 were used. No evidence exists to indicate that any other type of munitions items were ever used at this site. On 13 October 1945, the Naval Air Operational Training Command (NAOTC) determined that the Fullerville Target would not be required when the Daytona Beach and the Deland NASs were to go into caretaker status 1 May 1946. The NAOTC stated that no post-war plans would require retention of the site. The site was returned to the previous owners in 1946. The property was purchased in July of 1957 by Mr. and Mrs. Lenholt and remains their property to this date.

5. PROJECT DESCRIPTION:

AREA A

Size, Acres:	25
Former Use:	Battleship Target
Present Use:	Cattle Ranching
Probable End Use:	Same as present;however, the owner

has the intent of developing the site
at some time in the future

Ordnance Presence: **Confirmed**
Type: AN-MK 23 and AN-MK 43 practice bombs
with AN-MK 4 Spotting Charge(None
of the bombs found contained the
spotting charge)

AREA B

Size, Acres: 194
Former Use: Buffer Zone
Present Use: Cattle Ranching
Probable End Use: Same as present;however, the owner
has the intent of developing the site
at some time in the future
Ordnance Presence: **Potential**
Type: AN-MK 23 and AN-MK 43 practice bombs
with AN-MK 4 Spotting Charge

6. CURRENT STATUS: The draft Archives Search Report for Fullerville Target was completed by the U.S. Army Corps of Engineers, Rock Island District, in August 1996.

7. STRATEGY: NOFA with a letter of notification to the landowner and a Closure Report;(RAC 3)

8. ISSUES AND CONCERNS: The recommended strategy is NOFA, RAC 3. Rock Island District needs to inform the geographical district that a letter of notification must be sent to the landowner and that a Closure Report will be done for this site.

Rational for NOFA: (1)Only miniature practice bombs that could contain AN-Mk4 Signals were used at the site. (2)The AN-Mk4 Signal would be the only possible OE danger. It is a "blank" No. 10 gauge shotgun shell with a metal base and base flange fitted to a cardboard shell containing a primer with an expelling charge of black powder and a red phosphorous pyrotechnic mixture. (3)The landowner and museum personnel have only found or excavated practice bombs that did not contain the signal. (4)For any practice bombs at the site that might have contained the signals, it is unlikely that the signals would not have functioned. If any did not function, the water and moisture at the site would have caused the active ingredients to deteriorate to the point where there is no OE hazard.

HNC Safety Comment: There was concurrence with the ASR recommendations and conclusions. However, the following additional comments were made: RAC 3 is too high a score and an EE/CA is hardly justified based on a site only used for 3 lb. practice bombs, where no bombs have been found with intact charges, where there is

no longer any surface OE, and where the site is currently used for cattle grazing. He observed that for cattle grazing, clearance to a depth of one foot is required, but since there is a possibility of future development, clearance would have to be to the two foot depth that the ASR stated there is a potential for OE presence. The ASR author concurred with the viewpoint of HNC Safety. **The TAG has since decided that the strategy will be RAC 3, NOFA with a letter of notification to the landowner and a Closure Report.**

Acreage of the Site: There is a difference in total acreage reported by the FDE (212.24 acres) and the total acreage reported in the ASR (219 acres). The increase is due to the inclusion of 7 acres of land within the fenced safety zone that had not been leased and included as part of the project site (See document E-1, L-4 and plates 2 and 3 of the ASR Findings).

Other Concerns: Both areas A and B are presently used for cattle grazing. Obtain rights of entry and check with the land owner prior to any remediation activities.

Natural Resources: No known Federally- and State-listed species occur within the site area. However, a definite statement from authorities could not be provided. Listings are provided in the ASR Findings, pages 5 - 7, at paragraph 3 and in Table 3-2 of species located within two miles of the site and within the county. An on-site inspection by appropriate State and Federal personnel may be necessary to verify the presence, absence or location of listed species, or natural communities.

Historical Resources: There are no known archeological or paleontological sites located within the boundaries of the former Fullerville Bomb Target. But the area has not been completely surveyed and may contain unrecorded archeological sites or structures. Therefore, any intrusive measures taken within the area will require oversight by the State Historical Preservation Office (SHPO) and/or other like organizations.

9. SCHEDULE SUMMARY: NOFA

10. FUNDING/BUDGET SUMMARY: NOFA

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