INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Bldgs. NA60, NA68, & NA69

Property/District Name: Naval Radio Transmitter Facility  Survey Number: AA-2189

Project: Architectural Inventory and Evaluation  Agency: Navy

Site visit by MHT Staff:  x  no  ___  yes  Name ___________________________  Date __________

Eligibility recommended  x  Eligibility not recommended

Criteria:  x  A ____ B  x  C ___ D  Considerations:  __ A  ____ B  ____ C  ____ D  ____ E  ____ F  ____ G  None

Justification for decision:  (Use continuation sheet if necessary and attach map)

Based on the draft report, "Architectural Inventory and Evaluation of Antenna Structures, Naval Radio Transmitter Facility (NRTF) Annapolis, Maryland," prepared by R. Christopher & Associates and dated 5 Dec 1995, the World War II-era "Marconi" Triatic antenna and associated buildings 60, 68, and 69 are eligible for the National Register as a multiple component property. The antenna and buildings date to 1941-1942 and are historically associated with Naval communications support during World War II, thus meeting Criterion A. The antenna, a low-frequency transmitter, is also significant as an intact, distinguishable example of a World War II-era triatic antenna system (Criterion C).

Documentation on the property/district is presented in: Architectural Inventory and Evaluation of Antenna Structures, Naval Radio Transmitter Facility (NRTF), Annapolis, MD

Prepared by:  R. Christopher Goodwin & Associates

David Blick/Jo Ellen Freese  Reviewer, Office of Preservation Services  February 12, 1996  Date

NR program concurrence:  x  yes  ___  no  ____  not applicable  

Reviewer, NR program  Date

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:
   - Eastern Shore (all Eastern Shore counties, and Cecil)
   - Western Shore (Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
   - Piedmont (Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
   - Western Maryland ( Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:
   - Paleo-Indian
   - Early Archaic
   - Middle Archaic
   - Late Archaic
   - Early Woodland
   - Middle Woodland
   - Late Woodland/Archaic
   - Contact and Settlement
   - Rural Agrarian Intensification
   - Agricultural-Industrial Transition
   - Industrial/Urban Dominance
   - Modern Period
   - Unknown Period

III. Prehistoric Period Themes:
   - Settlement
   - Political
   - Demographic
   - Religion
   - Technology
   - Environmental Adaptation

IV. Historic Period Themes:
   - Agriculture
   - Architecture, Landscape Architecture, and Community Planning
   - Economic (Commercial and Industrial)
   - Government/Law
   - Military
   - Religion
   - Social/Educational/Cultural
   - Transportation

V. Resource Type:
   - Category: Structure and buildings
   - Historic Environment: Rural
   - Historic Function(s) and Use(s): Defense - Naval facility
   - Known Design Source: Department of the Navy, Bureau of Yards and Docks
INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Building NA68, Naval Radio Transmitter Survey Number:AA-2189
Facility, North Severn
Project: Demolition
Agency: NAVY

Site visit by MHT Staff: X no ___ yes Name ____________________________ Date ___________
Eligibility recommended ___ Eligibility not recommended ___

Criteria: ___A ___B ___C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G ___None

Justification for decision: (Use continuation sheet if necessary and attach map)

Naval Radio Transmitter Facility
Building NA68, located at the Naval Air Station in the North Severn area of the US Naval Academy in Anne Arundel County, is not located within the boundaries of a National Register-eligible historic district, but is considered eligible for individual listing on the National Register of Historic Places.

Built in 1942, Building NA68 is a rectangular red brick building measuring 22 feet by 30 feet and rising 30 feet in height. The building is windowless and consists of a single space with no interior dividing walls. The roof is flat and is made of copper. Paired heavy copper doors are located on the south facade of the simple structure.

The building was constructed, along with an almost identical structure (NA69) were built in 1942 as helixes for a low frequency transmitter. The buildings were additions to the NRTF Administration building. The helix houses constitute a relatively intact example of a low frequency Marconi triatic antenna system; the primary use of the LF transmitters was as an air-to-ground contingency communications system. The helix house is an integral part of the transmitter system and is eligible for listing on the Register under Criterion A.

Documentation on the property/district is presented in: Review and Compliance Files


Kimberly Prothro Williams
Reviewer, Office of Preservation Services
May 21, 1997
NR program concurrence: X yes ___ no ___ not applicable

Reviewer, NR program

5/22/97

Date
MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

<table>
<thead>
<tr>
<th>Region</th>
<th>Description</th>
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<tbody>
<tr>
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<tr>
<td>Western Shore</td>
<td>(Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)</td>
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<tr>
<td>Piedmont</td>
<td>(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)</td>
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<tr>
<td>Western Maryland</td>
<td>(Allegany, Garrett and Washington)</td>
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II. Chronological/Developmental Periods:

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<th>Period</th>
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<tr>
<td>Paleo-Indian</td>
<td>10000-7500 B.C.</td>
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<td>2000-500 B.C.</td>
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<tr>
<td>Middle Woodland</td>
<td>500 B.C. - A.D. 900</td>
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<tr>
<td>Late Woodland/Archaic</td>
<td>A.D. 900-1600</td>
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<tr>
<td>Contact and Settlement</td>
<td>A.D. 1570-1750</td>
</tr>
<tr>
<td>Rural Agrarian Intensification</td>
<td>A.D. 1680-1815</td>
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<tr>
<td>Agricultural-Industrial Transition</td>
<td>A.D. 1815-1870</td>
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<td>Industrial/Urban Dominance</td>
<td>A.D. 1870-1930</td>
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III. Prehistoric Period Themes:

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<td>Economic (Commercial and Industrial)</td>
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<td>Military</td>
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<tr>
<td>Religion</td>
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<td>Social/Educational/Cultural</td>
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<td>Transportation</td>
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IV. Historic Period Themes:

V. Resource Type:

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<tr>
<th>Category: Structure</th>
<th>Historic Environment: Military base</th>
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<td>Historic Function(s) and Use(s): Military/Radio Transmission Building</td>
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<td>Known Design Source:</td>
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INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Building NA69, Naval Radio Transmitter Survey Number: NA2189 Facility, North Severn
Project: Demolition Agency: NAVY

Site visit by MHT Staff: X no __ yes Name __________________________ Date __________

Eligibility recommended X Eligibility not recommended __

Criteria: ___A ___B ___C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G None

Justification for decision: (Use continuation sheet if necessary and attach map)

Naval Radio Transmitter Facility
Building NA69, located at the Naval Air Station in the North Severn area of the US Naval Academy in Anne Arundel County, is not located within the boundaries of a National Register-eligible historic district, but is considered eligible for individual listing on the National Register of Historic Places.

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The building was constructed, along with an almost identical structure (NA68), as helixes for low frequency transmitter. The buildings were additions to the NRTF administration building. The helix houses constitute a relatively intact example of a low frequency Marconi triatic antenna system; the primary use of the LF transmitters was as an air-to-ground contingency communications system. The helix house is an integral part of the transmitter system and is eligible for listing on the Register under Criterion A.

Documentation on the property/district is presented in: Review and Compliance Files


Kimberly Prothro Williams
Reviewer, Office of Preservation Services May 21, 1997

NR program concurrence: X yes __ no __ not applicable

[Signature]
Reviewer, NR program

Date: 5/22/97
## Geographic Region:

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<td>Industrial/Urban Dominance</td>
<td>A.D. 1870-1930</td>
</tr>
<tr>
<td><strong>X</strong> Modern Period</td>
<td>A.D. 1930-Present</td>
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<td>Unknown Period ( ___ prehistoric ___ historic)</td>
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## Prehistoric Period Themes:

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<th>Demographic</th>
<th>Religion</th>
<th>Technology</th>
<th>Environmental Adaptation</th>
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<tbody>
<tr>
<td>Agriculture</td>
<td><strong>X</strong> Architecture, Landscape Architecture, and Community Planning</td>
<td>Economic (Commercial and Industrial)</td>
<td>Government/Law</td>
<td><strong>X</strong> Military</td>
<td>Religion</td>
<td>Social/Educational/Cultural</td>
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## Historic Period Themes:

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<th>Economic (Commercial and Industrial)</th>
<th>Government/Law</th>
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<td>Transportation</td>
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## Resource Type:

- **Category:** Structure
- **Historic Environment:** Military base
- **Historic Function(s) and Use(s):** Military/Radio Transmission Building

---

**Known Design Source:**
1. Name (indicate preferred name)

historic LF Transmitter Building

and/or common Buildings NA60, NA68, & NA69

2. Location

street & number Bullard Boulevard

city, town Annapolis

state Maryland
county Anne Arundel

3. Classification

<table>
<thead>
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<th>Ownership</th>
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<th>Present Use</th>
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<td>museum</td>
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<td>commercial</td>
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<tr>
<td>structure</td>
<td>both</td>
<td>work in progress</td>
<td>educational</td>
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<tr>
<td>site</td>
<td>Public Acquisition</td>
<td>in process</td>
<td>entertainment</td>
</tr>
<tr>
<td>object</td>
<td>being considered</td>
<td>yes: restricted</td>
<td>government</td>
</tr>
</tbody>
</table>

Accessible

X yes: restricted

X yes: unrestricted

X no

military

4. Owner of Property (give names and mailing addresses of all owners)

name USNA North Severn

city, town Annapolis

state and zip code MD 21402-5013

5. Location of Legal Description

courthouse, registry of deeds, etc. Building 265

state MD

city, town Annapolis

street & number USNA North Severn

liber

folio

6. Representation in Existing Historical Surveys

title NRTF Annapolis Cultural Resources Survey

date 1996

X federal ___ state ___ county ___ local

repository for survey records R. Christopher Goodwin & Assoc., Inc.

city, town Frederick

state MD
Prepare both a summary paragraph and a general description of the resource and its various elements as it exists today.

See Continuation Sheet
# 8. Significance

<table>
<thead>
<tr>
<th>Period</th>
<th>Areas of Significance—Check and justify below</th>
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<tbody>
<tr>
<td>___ prehistoric ___</td>
<td>archeology-prehistoric</td>
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<tr>
<td>___ 1400-1499 ___</td>
<td>archeology-historic</td>
</tr>
<tr>
<td>___ 1500-1599 ___</td>
<td>agriculture</td>
</tr>
<tr>
<td>___ 1600-1699 ___</td>
<td>architecture</td>
</tr>
<tr>
<td>___ 1700-1799 ___</td>
<td>art</td>
</tr>
<tr>
<td>___ 1800-1899 ___</td>
<td>commerce</td>
</tr>
<tr>
<td>___ 1900-     ___</td>
<td>communications</td>
</tr>
<tr>
<td>___</td>
<td>invention</td>
</tr>
</tbody>
</table>

**Specific dates** | **Builder/Architect**

check: Applicable Criteria: ___ A ___ B ___ C ___ D  
and/or
Applicable Exception: ___ A ___ B ___ C ___ D ___ E ___ F ___ G

Level of Significance: ___ national ___ state ___ local

Prepare both a summary paragraph of significance and a general statement of history and support.
10. Geographical Data

Acreage of nominated property

Quadrangle name: Annapolis, MD

UTM References: do NOT complete UTM references

<table>
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<th>Zone</th>
<th>Easting</th>
<th>Northing</th>
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<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
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<tr>
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</table>

Verbal boundary description and justification

List all states and counties for properties overlapping state or county boundaries

<table>
<thead>
<tr>
<th>state</th>
<th>code</th>
<th>county</th>
<th>code</th>
</tr>
</thead>
</table>

11. Form Prepared By

name/title: Stuart Paul Dixon/Senior Historian

organization: KCI Technologies, Inc.

date: December 4, 1995

street & number: 5001 Louise Drive, Suite 201

telephone: (717) 691-1340

city or town: Mechanicsburg

state: PA

code: 17055

The Maryland Historic Sites Inventory was officially created by an Act of the Maryland Legislature to be found in the Annotated Code of Maryland, Article 41, Section 181 KA, 1974 supplement.

The survey and inventory are being prepared for information and record purposes only and do not constitute any infringement of individual property rights.

return to: Maryland Historical Trust
Shaw House
21 State Circle
Annapolis, Maryland 21401
(301) 269-2438
MHT # AA: 2189
Building NA60
LF Transmitter Building
Anne Arundel County

DESCRIPTION

Contributing Resource Count: 3

Built in 1941, Building NA60 (LF Transmitter/Meq/Admin/Sto) consists of three large, parallel two-story structures connected by perpendicular wings. The buildings stand on the south side Bullard Boulevard a short distance southeast of its intersection with Greenbury Point Road in Anne Arundel County, Maryland (Photo 41634-18). Two associated Helix Houses erected in 1942 (NA68 and NA69) stand in a line southwest of Building NA60. Transmission lines join the two Helix Houses to NA60 (Photo 41634-21).

A 15-bay wide, five-to-one common brick bond structure five bays deep fronting directly on Bullard Boulevard forms the most northern of the three parallel buildings (Photo 41634-13). The building possesses a formal entrance with double-leaf doors topped by a multi-light transom in its central bay (Photo 41634-11). Ashlar cement blocks framing the entrance exhibit Art Deco decorative motifs. "US NAVAL RADIO STATION" is incised in a plaque above the door. A concrete foundation, water table, belt course and coping also ornament the building. First story windows on the structure contain six-over-six wooden sash with concrete sills and brick jack arches ornamented with concrete keystones. Second story windows possess similar treatment except for the keystone in the jack arch lintel. The elevation also possesses brick corbels imitating quoins (Photo 41634-12). The five bays of the east elevation exhibit windows with treatment matching the north elevation.

A small two-bay wide, one-story wing connects the northern building to a two-story brick wing composed of three bays filled with industrial sash between its concrete water table and its concrete belt course. Both wings display five-to-one common bond. The two-story wing joins to the second parallel structure displaying features similar to the wing (Photo 41634-14). A shallowly-sloped gable roof caps the parallel wing. Another two-story wing with industrial sash connects to the southern of the parallel buildings. One-story structures with industrial sash have been appended between the middle and southern parallel buildings (Photo 41634-15).
MD State Historic Sites Inventory Form
Continuation Sheet 7.2

MHT # AA: 2189
Building NA60
LF Transmitter Building
Anne Arundel County

DESCRIPTION Continued

Building NA69 (Helix Structure A) stands immediately southwest of the southern parallel wing of NA60 (Photo 41634-16). Two stories tall atop a concrete foundation, NA69 exhibits five-to-one common bond brick construction and a slightly-sloped gable roof with copper flashing. An arched opening in the western elevation contains an electrical connection. Steel double leaf doors permit entry through the southern elevation. Another steel door penetrates the north elevation (Photo 41634-17). Electrical wires connect the Helix House with Building NA60.

Roughly 100 meters (300 feet) southwest of the Helix House stands Building NA68, Low Frequency Helix House B-C (Photo 41634-19). NA68 imitates Helix House NA69 in form, materials and massing (Photo 41634-20).
-Location Map-
LF Transmitter Building (North Severn Facility NA60)
Annapolis, Anne Arundel County
USGS 1957 Annapolis, MD
AA-2/99

Roll 41634 Frame 18
Building NA 60
Anne Arundel Co., Maryland
Stuart P. Dixon
11-20-95
negative at RCA Technologies, Inc.
Mechanicsburg, Pa.
West and South Elevations Building NA 60

1/11
Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95

negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
Northwest and Southwest Elevations
Buildings NA68, NA69, NA60

2/11
Roll 41634 Frame 13

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95

Negative at KCI Technologies, Inc., Mechanicsburg, PA.
East and West elevations Building NA60

3/11
AA-2/99

Roll 41634 Frame 11

Building NA60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

Negative at KCI Technologies, Inc.
Mechanicsburg, Pa.

East Elevation Main Entry Building NA60

4/11
Roll 41634 Frame 12

Building NA400
Anne Arundel Co., Maryland
Stuart P. Dixon
11/20/95

Negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
South and East Elevations Building NA400

5/11
AA- 2189

ROLL 41634 FRAME 14

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon

11.20.95

negative at KCI Technologies, Inc.
Mechanicsburg, Pa.

East and North elevations Building NA60 parallel wing

60/11
Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
negative at KL Technologies, Inc. Mechanicsburg, Pa.
North and east elevations Building NA60
7/11
AA-2/89

ROLL 41634 FRAME 16

Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95

Negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
North and west elevations Building NA69

8/111
Building NA60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95

Negative at KCI Technologies, Inc.
Mechanicsburg, Pa.
South and east elevations Building NA69
9/11
AA-2/89

Roll 41634 Frame 19

Building NA 60

Anne Arundel Co., Maryland

Stuart P. Dixon

11.20.95

Negative at KCI Technologies, Inc.

Mechanicsburg, Pa.

Southeast and Northeast Elevations

Building NA 68

10/11
Building NA 60
Anne Arundel Co., Maryland
Stuart P. Dixon
11.20.95
Northwest and Southwest Elevations
Building NA 68
11/11