

Original
 Update



HISTORICAL STRUCTURE FORM

FLORIDA MASTER SITE FILE

Version 4.0 1/07

Site # BR01692
Field Date 2-23-2010
Form Date 1-4-2012
Recorder # _____

Shaded Fields represent the minimum acceptable level of documentation.
Consult the *Guide to Historical Structure Forms* for detailed instructions.

Site Name(s) (address if none) Central Instrumentation Facility (CIF) Multiple Listing (DHR only) _____
Survey Project Name HAER Documentation: CIF Survey # (DHR only) _____
National Register Category (please check one) building structure district site object
Ownership: private-profit private-nonprofit private-individual private-nonspecific city county state federal Native American foreign unknown

LOCATION & MAPPING

Street Number M6-342 Direction _____ Street Name Industrial Area Street Type _____ Suffix Direction _____
Address: M6-342 Industrial Area
Cross Streets (nearest / between) on First Street SE, btwn B and C Avenue on south
USGS 7.5 Map Name ORSINO USGS Date 1976 Plat or Other Map _____
City / Town (within 3 miles) Titusville In City Limits? yes no unknown County Brevard
Township 22S Range 37E Section 07 1/4 section: NW SW SE NE Irregular-name: _____
Tax Parcel # N/A Landgrant _____
Subdivision Name _____ Block _____ Lot _____
UTM Coordinates: Zone 16 17 Easting 533640 Northing 3155130
Other Coordinates: X: _____ Y: _____ Coordinate System & Datum _____
Name of Public Tract (e.g., park) _____

HISTORY

Construction Year: 1965 approximately year listed or earlier year listed or later
Original Use Communications-related From (year): _____ To (year): _____
Current Use Scientific laboratory From (year): _____ To (year): _____
Other Use _____ From (year): _____ To (year): _____
Moves: yes no unknown Date: _____ Original address _____
Alterations: yes no unknown Date: _____ Nature see attached
Additions: yes no unknown Date: _____ Nature see attached
Architect (last name first): Black & Veatch Cons. Eng. Builder (last name first): Blount Brothers
Ownership History (especially original owner, dates, profession, etc.) National Aeronautics and Space Administration

Is the Resource Affected by a Local Preservation Ordinance? yes no unknown Describe _____

DESCRIPTION

Style International Exterior Plan Rectangular Number of Stories 3
Exterior Fabric(s) 1. Concrete-pre-cast 2. _____ 3. _____
Roof Type(s) 1. Built-up 2. _____ 3. _____
Roof Material(s) 1. Built-up 2. _____ 3. _____
Roof secondary strucs. (dormers etc.) 1. _____ 2. _____
Windows (types, materials, etc.) ribbons of 1-light, fixed and 1-light pivot

Distinguishing Architectural Features (exterior or interior ornaments) accentuated concrete skeletal frame; concrete canopy over porch; pierced concrete block antenna enclosure on roof

Ancillary Features / Outbuildings (record outbuildings, major landscape features; use continuation sheet if needed.) generator enclosure to east; hazardous waste staging area to south

DHR USE ONLY

OFFICIAL EVALUATION

DHR USE ONLY

NR List Date _____

Owner Objection

SHPO - Appears to meet criteria for NR listing: yes no insufficient info

KEEPER - Determined eligible: yes no

NR Criteria for Evaluation: a b c d (see *National Register Bulletin* 15, p. 2)

Date _____ Init. _____

Date _____

DESCRIPTION (continued)

Chimney: No. _____ Chimney Material(s): 1. _____ 2. _____
Structural System(s): 1. Concrete 2. _____ 3. _____
Foundation Type(s): 1. Slab 2. pile
Foundation Material(s): 1. Poured Concrete Footing 2. _____
Main Entrance (stylistic details) double glass and aluminum swing doors, north elevation

Porch Descriptions (types, locations, roof types, etc.) open, north elevation, flat

Condition (overall resource condition): [] excellent [x] good [] fair [] deteriorated [] ruinous
Narrative Description of Resource see attached

Archaeological Remains _____ [] Check if Archaeological Form Completed

RESEARCH METHODS (check all that apply)

- [x] FMSF record search (sites/surveys) [] library research [] building permits [] Sanborn maps
[] FL State Archives/photo collection [] city directory [x] occupant/owner interview [] plat maps
[] property appraiser / tax records [x] newspaper files [] neighbor interview [] Public Lands Survey (DEP)
[x] cultural resource survey (CRAS) [x] historic photos [x] interior inspection [] HABS/HAER record search
[] other methods (describe) _____

Bibliographic References (give FMSF manuscript # if relevant, use continuation sheet if needed) see attached

OPINION OF RESOURCE SIGNIFICANCE

Appears to meet the criteria for National Register listing individually? [x] yes [] no [] insufficient information
Appears to meet the criteria for National Register listing as part of a district? [] yes [x] no [] insufficient information
Explanation of Evaluation (required, whether significant or not; use separate sheet if needed) see attached

Area(s) of Historical Significance (see National Register Bulletin 15, p. 8 for categories: e.g. "architecture", "ethnic heritage", "community planning & development", etc.)

- 1. Other 3. Architecture 5. _____
2. Communications 4. _____ 6. _____

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field notes, analysis notes, photos, plans and other important documents

- 1) Document type All materials at one location Maintaining organization Archaeological Consultants Inc
Document description _____ File or accession #'s P9026T
2) Document type _____ Maintaining organization _____
Document description _____ File or accession #'s _____

RECORDER INFORMATION

Recorder Name Slovinac, Trish Affiliation Archaeological Consultants Inc
Recorder Contact Information 8110 Blaikie Court, St A, Sarasota, FL 34240/941-379-6206/ACIFloridaAcomcast.net
(address / phone / fax / e-mail)

Required Attachments

- 1 USGS 7.5' MAP WITH STRUCTURE LOCATION PINPOINTED IN RED
2 LARGE SCALE STREET, PLAT OR PARCEL MAP (available from most property appraiser web sites)
3 PHOTO OF MAIN FACADE, ARCHIVAL B&W PRINT OR DIGITAL IMAGE FILE
If submitting an image file, it must be included on disk or CD AND in hard copy format (plain paper is acceptable).
Digital image must be at least 1600 x 1200 pixels, 24-bit color, jpeg or tiff.

CONTINUATION SHEET

Narrative Description:

The CIF is a rectangular, three-story structure with approximately 137,000 square feet of space. It has approximate overall dimensions of 290' in length (east-west), 156' in width (north-south), and 48' in height. There is a screened enclosure within the south half of the roof, which roughly measures 240' in length, 55' in width, and 16' in height. The foundation of the CIF is comprised of a roughly 5"-thick reinforced concrete slab supported by reinforced concrete footers. The exterior walls of the CIF are comprised of a reinforced concrete frame with precast exterior granular quartz surfaced panels. In general, the north and south elevations of the building are divided into 24'-wide bays by 2.5'-deep, white-painted concrete pilasters, whereas the east and west elevations of are divided into 22'-wide bays by similar pilasters. The entire facility is covered by a flat roof comprised of a concrete deck faced with rigid insulation and built-up roofing, supported by precast concrete beams.

Explanation of Evaluation:

The CIF was listed in the National Register of Historic Places (NRHP) in 2000, in recognition of its exceptional importance at the national level in the context of the Apollo program (ca. 1961-1975). It is significant under NRHP Criterion A in the areas of space exploration and communications, and under Criterion C in the area of architecture. Because the structure has achieved significance within the past 50 years, Criteria Consideration G applies. The CIF is exceptionally important in its association with space exploration, communications, and architecture due to its historic function as the communications center of KSC and Launch Complex 39. As the building specially designed to house and control the computer and communications networks of the Apollo Program, it was essential to the continuing mission and success of the program and KSC. In addition, the CIF was innovative in its use of modern building technologies as a means to house this equipment.

CONTINUATION SHEET

Bibliographic References:

“\$6 Million Bid Offered for Building,” *Spaceport News*, January 23, 1964, 8.

Alabama Contractor Named to Construct MILA Data Facility,” *Spaceport News*, February 6, 1964, 6.

Archaeological Consultants, Inc. (ACI). *Survey and Evaluation of the Historic Facilities within the Industrial, Launch Complex 39 (LC-39), Vehicle Assembly Building (VAB), and Shuttle Landing Facility (SLF) Areas of the John F. Kennedy Space Center (KSC), Brevard County, Florida, with a Reassessment of the Existing National Register of Historic Places LC-39 Site*, NASA KSC, 1998.

Black & Veatch Consulting Engineers, “Central Instrumentation Facility, Industrial Area Building,” October 1963, on file, KSC Engineering Documentation Center.

“Construction Jobs to Boom in January,” *Spaceport News*, January 2, 1964, 1.

“Description of Facility – CIF Building,” Sweetsir Collection, Box 29F.3, Facilities Descriptions, Kennedy Space Center Archives Department, Florida.

National Aeronautics and Space Administration. *Technical Facilities Catalog* [NHB 8800.5A (II)], October 1974.

NASA KSC, “Real Property Record, Central Instrumentation Facility,” on file, KSC Real Property Office.

New Information Systems Building Keeps up with State-of-the-Art,” *Spaceport News*, July 8, 1965, 2-3

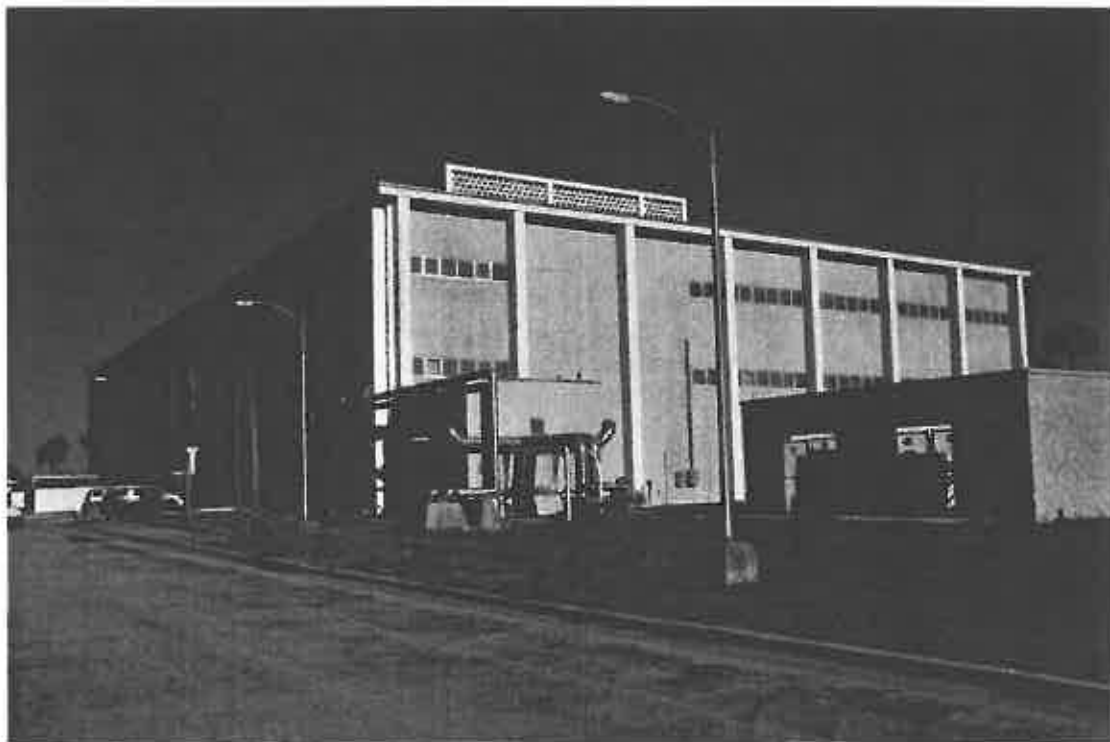


Historic Structure Form

PHOTOGRAPHS



Central Instrumentation Facility, north and west elevations, facing southeast



Central Instrumentation Facility, south and east elevations, facing northwest

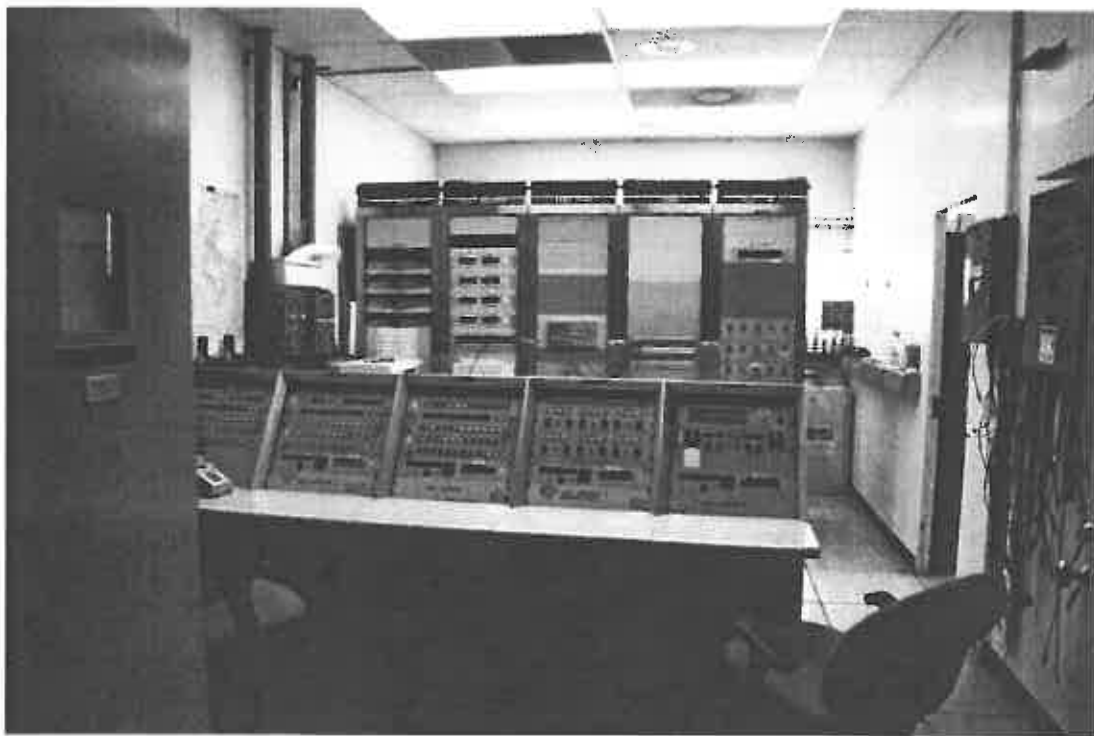
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Historic Structure Form
PHOTOGRAPHS



Calibration/Pressure Laboratory, Room No. 112, facing northeast



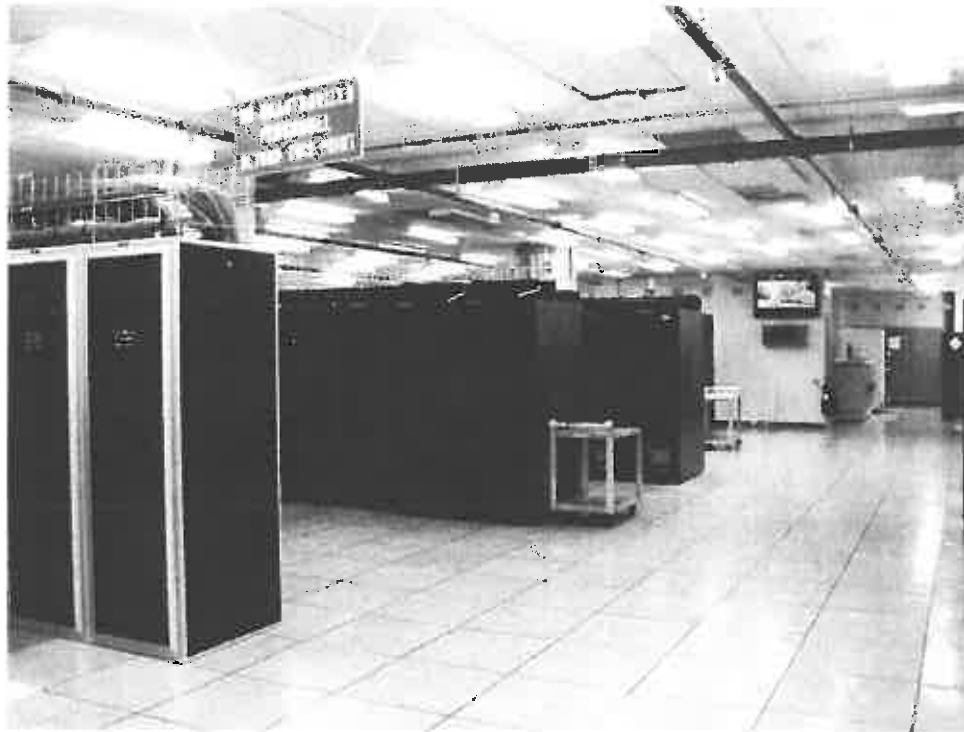
Timing Room/Countdown Clock, Room No. 250, facing southeast

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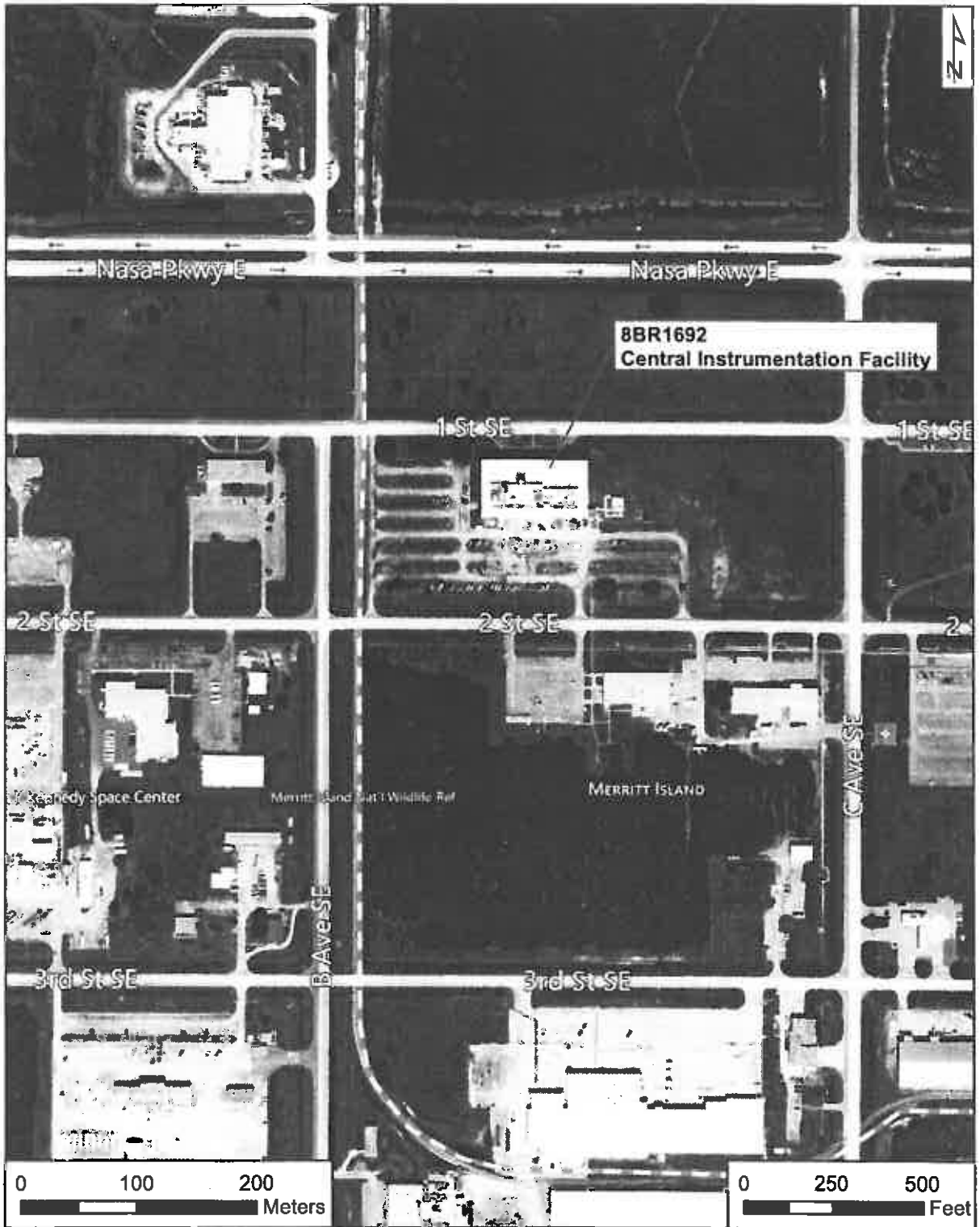
Historic Structure Form

PHOTOGRAPHS



Data Center (orig. Central Computation Complex), Room No. 243, facing southwest

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Microsoft (2010) - Bing Maps Hybrid



USGS

Orsino

Township 23 South, Range 37 East, Section 5
National Geographic Society (2011) *USA Topo Maps*

