SUBJECT: Real Property Inventory and Forecasting

References: (a) DoD Instruction 4165.14, "Inventory of Military Real Property,"
December 21, 1966 (hereby canceled)
(b) DoD Directive 4165.6, "Real Property," October 13, 2004
(c) DoD Instruction 4165.3, "Department of Defense Facility Classes and
Construction Categories," October 24, 1978
(d) UFC 3-701-05, "DoD Facilities Pricing Guide," March 2005[1]
(e) through (t), see Enclosure 1

1. REISSUANCE AND PURPOSE

This Instruction:

    1.1. Reissues and renames Reference (a).

    1.2. Implements policy in Reference (b), and requirements in References (c) and (d)
and DoD Instruction 4165.70, DoD Instruction 4165.71, DoD Instruction 4715.3, 10
United States Code (U.S.C.) Chapter 159, 10 U.S.C. 2721, 10 U.S.C. Chapter 1803, 16
U.S.C. 470(h)-2, 40 U.S.C. Chapter 5, E.O. 13287, E.O. 13327, DoD 7000.14-R Volume 1,
and Volume 4; Federal Real Property Council Guidance for Improved Asset Management,
Federal Real Property Council Guidance for Real Property Inventory Reporting, DoD
Directive 5015.2, and DoD 8910.1-M (References (e) through (t)).

    1.3. Assigns responsibilities and prescribes procedures for collecting, submitting, and
forecasting the Department of Defense (DoD) real property inventory (RPI).

2. APPLICABILITY AND SCOPE

    2.1. This Instruction applies to:

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[1] This document is available at the following website:
http://www.acq.osd.mil/ie/irm/ProgramAnalysis_Budget/ToolAndMetrics/FPG/FPG.htm

2.1.1. The Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities in the Department of Defense (hereafter referred to collectively as the "DoD Components").

2.1.2. All unclassified real property in which the Department of Defense has a legal interest, but does not apply to construction outside the United States in which the United States retains no interest under law or international agreement. Classified RPI data is exempt from the reporting and forecasting requirements.

2.2. The civil works land and facilities of the Department of the Army will be reported to the Deputy Under Secretary of Defense (Installations and Environment) (DUSD(I&E)) separately using the same policies and data structures described in this Instruction.

3. <u>DEFINITIONS</u>

Terms used in this Instruction are defined in Enclosure 2.

4. <u>RESPONSIBILITIES</u>

4.1. The <u>DUSD(I&E)</u>, under the authority of the Under Secretary of Defense for Acquisition, Technology, and Logistics, shall:

4.1.1. Recommend policy for inventorying and forecasting real property assets.

4.1.2. Serve as the focal point for all matters related to the inventory of real property in which the Department of Defense has a legal interest.

4.1.3. Establish requirements for the core RPI and forecasting data elements, inventory data collection and data maintenance.

4.1.4. Validate and approve changes to the core RPI and forecasting data elements.

4.1.5. Maintain a consolidated RPI database for planning and programming purposes.

4.1.6. Maintain a current list of data entities, data elements, definitions, business rules, and all other associated metadata.

4.1.7. Publish annual guidance regarding the structure, format, and procedures for the annual submission of RPI and forecasting data by the Military Departments and Washington Headquarters Services (WHS).

4.2. The <u>Secretaries of the Military Departments</u> and the <u>Director, WHS</u>, shall:

    4.2.1. Implement the procedures and guidance contained in this Instruction.

    4.2.2. Report the core RPI and forecasting real property data elements annually to DUSD(I&E) in the format prescribed herein as modified by DUSD(I&E) annual guidance.

    4.2.3. Ensure that a Real Property Accountable Officer (RPAO) is appointed in writing for each installation. The individual assigned to this position must be an employee of the United States Government. The position of the RPAO may not be assigned to a contractor. A single RPAO may be appointed for more than one installation. A RPAO may be appointed at a subordinate site if that subordinate site maintains its own records.

    4.2.4. Ensure all state-owned National Guard real property used by the Military Departments is documented by a legal instrument and is recorded in the RPI using the data structures established in this Instruction.

    4.2.5. Ensure the accuracy of all RPI data included in the annual submission to DUSD(I&E), as required by paragraph 5.2, including the changes resulting from the periodic physical inventories and the reconciliations with the Defense Agencies and the DoD Field Operating Activities.

    4.2.6. Annually, but not later than January 1, provide to each DoD Component a report of real property used by that Component for reconciliation. This report will contain the data prescribed by the annual DUSD(I&E) RPI guidance.

    4.2.7. Annually report the amount of new construction, other acquisitions, disposals, and transfers forecasted over the years of the Future Years Defense Plan (FYDP). Include this forecasting data in the annual RPI submission in accordance with this Instruction and the annual guidance provided by the DUSD(I&E).

4.3. The <u>Directors of Defense Agencies and DoD Field Operating Activities</u> shall:

    4.3.1. Ensure that the RPIs of the Military Departments and WHS contain all real property occupied or used by their organizations that is located on a Military Department or WHS site.

    4.3.2. Annually report to DUSD(I&E) any property leased for, or assigned to, an Agency or Activity and not reflected in a Military Department or WHS RPI. Also report this information to the supporting Military Department or WHS in order for this information to be accounted for in their RPI.

    4.3.3. Using the RPI provided by the Military Departments and WHS, annually reconcile all real property data for property occupied or used by their Agency or Activity with their supporting Military Department or WHS as prescribed by the DUSD(I&E)

annual guidance. Reconciliation will be completed and all differences resolved with the appropriate Military Department or WHS not later than 1 September each year.

4.3.4. Provide forecasts of acquisitions, disposals, and excesses of real property to the appropriate Military Department or WHS, to allow these forecasts to be incorporated into the annual RPI report. Data will be provided in accordance with the annual guidance provided by DUSD(I&E). This data will be provided to the Military Departments and WHS not later than 1 October of each year.

5. <u>PROCEDURES</u>

DUSD(I&E) will annually issue guidance as to the specific procedures, data structures, and formats to be used for submitting the core RPI and forecasting data.

5.1. According to Reference (i), the Military Departments and WHS will maintain an accurate and complete RPI for all unclassified real property assets (land and facilities) in which they have a legal interest as set forth in this Instruction (see Enclosure 3). The Military Departments and WHS will reconcile their RPI records with Defense Agencies and DoD Field Operating Activities that are using or funding facilities or land for which the Military Departments or WHS have real property accountability.

5.2. The Military Departments and WHS will annually submit their RPI to DUSD(I&E) as they exist on 30 September. The annual submission to DUSD(I&E) will include a certification that the Military Department or WHS has reconciled its RPI records with the Defense Agencies and DoD Field Operating Activities using or funding the facilities or land for which the Military Department or WHS has reporting responsibility. The annual submission will include each site, including all land and facilities, for which the Military Department or WHS has real property accountability, regardless of the organization using or funding the facility or land.

5.3. The annual RPI submission will consist of the core real property inventory and forecasting data elements identified in Enclosures (4) and (5). It will be provided in electronic format to DUSD(I&E) not later than November 1 of each calendar year. The annual submission will also include forecasted RPI changes (acquisitions, disposals, and excesses) for each year of the FYDP.

5.4. The Military Departments and WHS will report each item of real property at a site as a separate entry except facilities at a single site with the same facility use category code (CATCODE) (Reference (c)), Interest Code, Sustainment Program Fund Code, Construction Type, Construction Material Code, and Replacement Program Fund Code that also have a Facility Analysis Category (Reference (d)) listed in Enclosure 6. These facilities may be consolidated (for reporting only) into a single entry for the annual RPI submission.

5.5. For multiple use facilities that contain more than one facility use CATCODE, such as a 16,000 square foot (SF) administrative building also containing a 2,000 SF cafeteria, the Military Departments and WHS will report all areas with different facility use CATCODEs as separate entries. The sizes of all such entries must sum to the total facility size for a DoD facility or the total DoD usage for a non-DoD facility.

5.6. Each facility use CATCODE will be assigned to one or more organizations using the Asset Allocation User Organization Code. For single facilities where a given facility use CATCODE is shared by more than one organization, each organization's usage of the facility use CATCODE will be reported as a separate entry. The sizes of all such entries must sum to the total facility size for a DoD facility or the total DoD usage for a non-DoD facility.

5.7. The RPI submission will use U.S. units as described in the Units of Measure (UM) definitions in Reference (d). If metric units are required for other reports, use the conversion factors at Enclosure 7 to convert UM from U.S. to metric.

5.8. For assets subject to References (k) and (m), the Military Departments and WHS will identify and submit information on historic assets using the historic status codes listed in the annual guidance.

5.9. A physical inventory of each item of real property is required not less than every five years; those real property items designated as historic assets shall be inventoried every three years in accordance with Reference (p). In addition, offices, warehouses, hospitals, laboratories, and housing require periodic utilization reviews. All real property is subject to these requirements except facilities not in use, identified as excess, and slated for disposal.

5.10. The RPI maintained on behalf of the Department of Defense by the Military Departments and WHS is the official DoD RPI. If a Military Department, Defense Agency, DoD Field Activity, or the Joint Chiefs of Staff maintains a separate RPI-related database, that organization is responsible for reconciling it with the official RPI.

5.10.1. After the DoD Real Property Unique Identifier (RPUID) registry is operational, all existing real property assets (land parcels or facilities) will be assigned a unique, non-intelligent RPUID from the registry. The RPUID will be assigned to the real property asset, not the organization, owner, or user. The RPUID will be assigned when the Department of Defense initiates an action to acquire interest in a real property asset. The RPUID will remain associated with the asset perpetually. After the Department of Defense has relinquished its interest in the asset, the RPUID will be archived with all of its associated attributes. Until the DoD RPUID registry is operational, the Military Departments and WHS will continue to use their current land and facility identifiers in their submissions.

5.10.2. All real property sites will be assigned a unique, non-intelligent Real Property Site Unique Identifier (RPSUID) from the DoD RPSUID registry. The RPSUID

will be assigned when the Department of Defense acquires a legal interest in the first real property asset (land parcel or facility) assigned to the site. The RPSUID will always remain associated with the site. After the Department of Defense has relinquished its interest in the site, the RPSUID will be archived along with all the associated attributes. Until the DoD RPSUID registry is operational, the Military Departments and Washington Headquarters Services will continue to use their current installation and location identifiers in their submissions.

5.10.3. All DoD systems that relate people or property to any real property attribute, including geographic location, will use the RPUID and RPSUID. Real property systems of record must associate their RPSUIDs with related geospatial information systems. Until the DoD RPUID and RPSUID registries are operational, the Military Departments and WHS will continue to use their current installation, land, and facility identifiers in their submissions.

5.11. Accurate and complete real property records for excess real property will be maintained in accordance with this Instruction by the RPAO until transfer of accountability for the site from the Department of Defense has been accomplished and the Department of Defense has relinquished all legal interest in the real property assets assigned to that site. This will require the identification of each affected RPUID or module along with the associated quantity and other metadata. After transfer of accountability from the Department of Defense, all RPI records for these sites will be archived in such a way that the information may be accessed whenever required. Records and supporting documentation shall be maintained according to Reference (s).

6. INFORMATION REQUIREMENTS

The annual RPI data submission has been assigned Report Control Symbol (RCS) DD-AT&L(A)760 in accordance with Reference (t).

7. <u>EFFECTIVE DATE</u>

This Instruction is effective immediately.
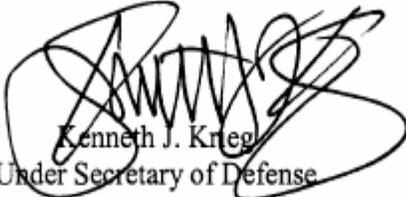
Kenneth J. Krieg
Under Secretary of Defense
(Acquisition, Technology and Logistics)

Enclosures – 7
    E1. References, continued
    E2. Definitions
    E3. Real Property Interest Codes
    E4. Core Real Property Inventory and Federal Data Elements
    E5. Forecasting Data Elements
    E6. Consolidated FAC Table
    E7. U.S. Units to Metric Units Conversions

E1. ENCLOSURE 1

REFERENCES, continued

(e) DoD Instruction 4165.70, "Real Property Management," April 6, 2005
(f) DoD Instruction 4165.71, "Real Property Acquisition," January 6, 2005
(g) DoD Instruction 4715.3, "Environmental Conservation Program," May 3, 1996
(h) Chapter 159 of title 10, United States Code
(i) Section 2721 of title 10, United States Code
(j) Chapter 1803 of title 10, United States Code
(k) Section 470h-2 of title 16, United States Code
(l) Chapter 5 of title 40, United States Code
(m) Executive Order 13287, "Preserve America," March 3, 2003
(n) Executive Order 13327, "Federal Real Property Asset Management," February 4, 2004
(o) DoD 7000.14-R, "Financial Management Regulations," Volume 1, August 2003
(p) DoD 7000.14-R, "Financial Management Regulations," Volume 4, Chapter 6, August 2000 and Chapter 17, June 2000
(q) Federal Real Property Council Guidance for Improved Asset Management, December 22, 2004[2]
(r) Federal Real Property Council Interim FY 2005 Guidance for Real Property Inventory Reporting, July 15, 2005[3]
(s) DoD Directive 5015.2, "DoD Records Management Program," March 6, 2000
(t) DoD 8910.1-M, "DoD Procedures for Management of Information Requirements," June 30, 1998

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[2] This document is available at the following website:
http://www.whitehouse.gov/omb
[3] Ibid

E2. ENCLOSURE 2

DEFINITIONS

E2.1.1. Building. A roofed and floored facility enclosed by exterior walls and consisting of one or more levels that is suitable for single or multiple functions.

E2.1.2. Cadastral Survey. A land survey defining boundaries, property lines, and other measurements pertaining to an official register of ownership, known as a cadastre.

E2.1.3. Capital Improvement. An action having the effect of increasing a real property asset's capacity, size, efficiency, useful life, or modifying its function.

E2.1.4. Disposal. Any authorized method (e.g., demolition, transfer, etc.) of permanently divesting the Department of Defense of legal interest in and control of a real property asset.

E2.1.5. Excess. Property under the control of a Federal Agency that the head of the Agency determines is not required to meet the Agency's needs or responsibilities.

E2.1.6. Facility. A building, structure, or linear structure out to an imaginary line surrounding a facility at a distance of five feet from the foundation that, barring specific direction to the contrary such as a utility privatization agreement, denotes what is included in the basic record for the facility (e.g., landscaping, sidewalks, utility connections). This imaginary line is what is commonly referred to as the "five-foot line."

E2.1.7. Facility Analysis Category (FAC). A classification of real property types within a "Basic Category," represented by a four-digit code. DoD FACs aggregate Military Department categories into common groupings based upon commonality of function, unit of measure, and unit costs.

E2.1.8. Forecast. A prediction of future RPI assets.

E2.1.9. Historic Asset. Historic properties, as defined by the National Historic Preservation Act, are those properties listed on, or eligible for listing on, the National Register of Historic Places (National Register). The National Register establishes specific criteria for the identification and evaluation of historic properties (36 CFR 60.4).

E2.1.10. Historic Status. The status of the facility with respect to the National Register of Historic Places.

E2.1.11. Installation. A base, camp, post, station, yard, center, or other activity, including leased facilities, under the jurisdiction, custody, or control of the Secretary of Defense or the Secretary of a Military Department or, in the case of an activity in a foreign country, under the operational control of the Secretary of Defense or the Secretary of a

Military Department, without regard to the duration of operational control. An installation may include one or more sites.

E2.1.12. <u>Land</u>. A portion of the earth's surface distinguishable by boundaries. The types of land assets in the RPI include everything from unimproved wilderness areas to central urban developments. Land will be inventoried by parcel, starting when the parcel was transferred into a Military Department's or the WHS custody and control.

E2.1.13. <u>Land Parcel</u>. A specific area of land whose perimeter is delineated by a cadastral survey.

E2.1.14. <u>Linear Structure</u>. A facility whose function requires that it traverse land (such as a road, rail line, pipeline, fence, pavement). Includes distribution systems that provide a common service or commodity to more than one building or structure.

E2.1.15. <u>Military Department Category</u>. Also known as CATCODE. The most detailed classification of real property that describes a specific real property type and function, represented by a numerical code of five (Departments of the Army and the Navy) or six (Department of the Air Force) digits. Military Department categories are established by the Military Departments.

E2.1.16. <u>Predominant Use</u>. The primary use of a real property asset based upon the largest quantity of usage for a specific activity or function.

E2.1.17. <u>Real Property</u>. Land and improvements to land (i.e., facilities). It includes equipment affixed and built into the facility as an integral part of the facility (such as heating systems), but not movable equipment (e.g., plant equipment, industrial equipment, buoys). In many instances this term is synonymous with real estate.

E2.1.18. <u>Real Property Accountable Officer</u> (RPAO). An individual who, based on his or her training, knowledge, and experience in real property management, accountability, and control procedures, is appointed by proper authority, and shall:

E2.1.18.1. Establish and maintain an organization's formal property records, systems, and financial records, in connection with Government real property, irrespective of whether the property is in the individual's possession;

E2.1.18.2. Ensure that all transactions can be audited in their entirety; and

E2.1.18.3. Implement and adhere to associated internal controls.

E2.1.19. <u>Real Property Asset</u>. An individual facility or land parcel.

E2.1.20. <u>Real Property Unique Identifier</u> (RPUID). A non-intelligent code used to permanently and uniquely identify a DoD real property asset.

E2.1.21. Real Property Site Unique Identifier (RPSUID). A non-intelligent code used to permanently and uniquely identify a DoD real property site.

E2.1.22. Site. Physical (geographic) location that is or was owned by, leased to, or otherwise possessed by a DoD Component. Each site is assigned to a single installation. A site may exist in one of three forms:

E2.1.22.1. Land only, where there are no facilities present and where the land consists of either a single land parcel or two or more contiguous land parcels.

E2.1.22.2. Facility or facilities only, where the underlying land is neither owned nor controlled by the government. A stand-alone facility can be a site. If a facility is not a stand-alone facility, it must be assigned to a site.

E2.1.22.3. Land and all the facilities thereon, where the land consists of either a single land parcel or two or more contiguous land parcels.

E2.1.23. Structure. A facility, other than a building or linear structure, which is constructed on or in the land.

E2.1.24. Sustainment. The maintenance and repair activities necessary to keep a typical inventory of facilities in good working order over their expected service life. It includes regularly scheduled adjustments and inspections, preventive maintenance tasks, and emergency response and service calls for minor repairs. It also includes major repairs or replacement of facility components (usually accomplished by contract) that are expected to occur periodically throughout the facility service life. This includes regular roof replacement, refinishing wall surfaces, repairing and replacing electrical, heating, and cooling systems, replacing tile and carpeting, and similar types of work.

E3. ENCLOSURE 3

REAL PROPERTY INTEREST CODES

Owned	Real property asset where a fee simple ownership interest is held by the United States and a Military Department or WHS exercises real property accountability.
Leasehold	Real property asset where a leasehold has been granted to a Military Department or WHS.
Easement	An easement is a non-possessory real estate interest that grants a Military Department or WHS the right to use a real property asset for a specific purpose.
Owned by Other Federal Agency	Another Federal agency exercises real property accountability for the real property asset but certain rights for use have been granted to a DoD Component.
Owned by Foreign Government	A Foreign Government holds title to the real property asset and has granted the U.S. Government certain rights for use by a DoD Component.
Owned by State or Local Government	A state or one of its political subdivisions holds title to the real property asset and has granted the U.S. Government certain rights for use by a Military Department or WHS.
Owned by Private Entity	Real property facilities on DoD sites that are owned and operated by the private sector; i.e., Burger King, credit union.
Joint Venture Ownership	A Joint Venture is a mutually beneficial partnership between a Military Department or WHS and a private entity. Ownership, operations, and management rights of the real property asset are typically held by the private entity who guarantees certain use rights to the Military Department or WHS.
Other	Any other type of interest that is not covered by one of the other categories.

E4. <u>ENCLOSURE 4</u>

<u>CORE REAL PROPERTY INVENTORY AND FEDERAL DATA ELEMENTS</u>

The following page provides the structure of the core RPI data required for the annual data submission to ODUSD (I&E). The structure is followed by an alphabetized listing of the data elements. The DUSD(I&E) will annually issue guidance as to the specific procedures, data structures, and formats to be used for submitting the core RPI and forecasting data. As this guidance changes, it is not part of the enclosures.

CORE REAL PROPERTY INVENTORY AND FEDERAL DATA ELEMENTS,
continued

Figure E4.F1. – Figure of RP Data Elements

Installation

Site

**Real Property
Asset**
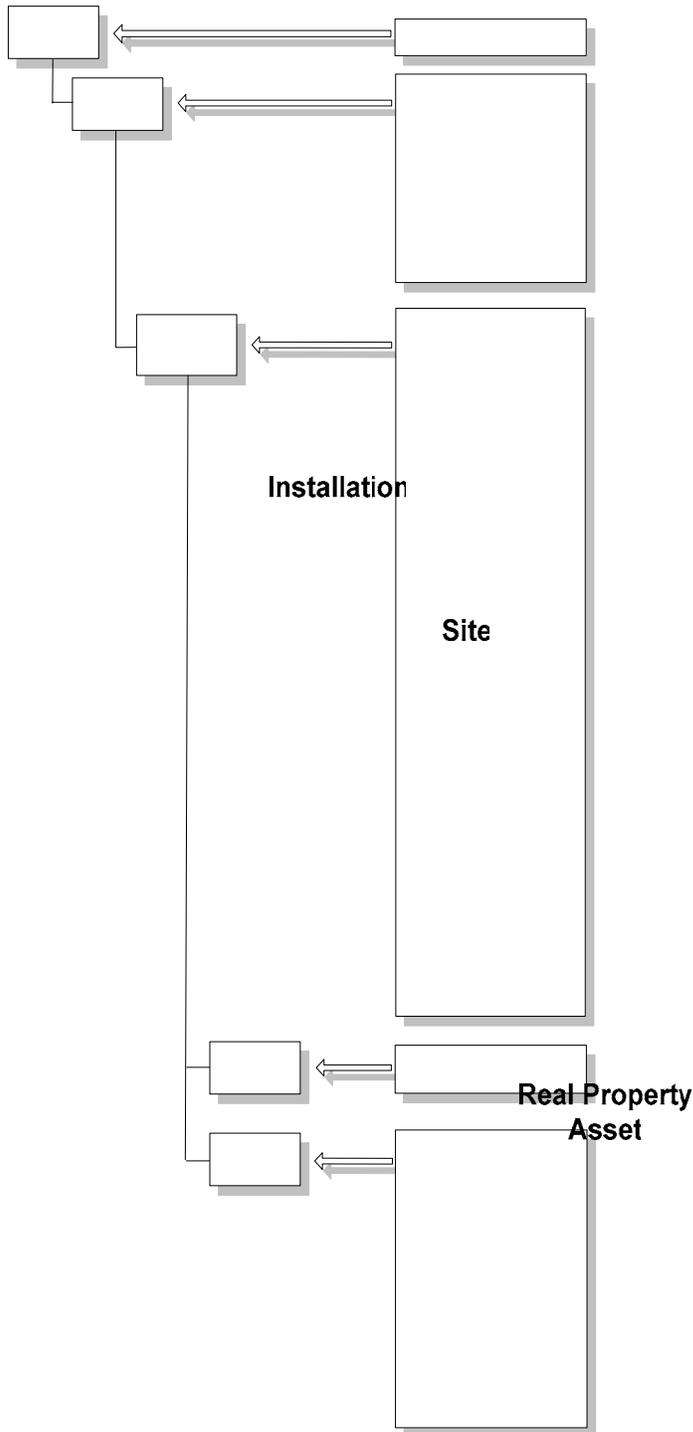
- Installation Code
- Installation Name

- Real Property Site Unique Identifier
- Site Code
- Site Name
- Site Creation Date
- Site Operational Status Code
- Site Primary Activity Code
- Site Primary Indicator
- Site Reporting Component Code
- Street Address Line1 Text
- Street Address Line2 Text
- City Code
- State Code
- Postal Code
- County Code
- Country Code
- Congressional District Code

- RPA Unique Identifier
- Instrument Number
- Acquisition Date
- Acquisition Cost to Government Amount
- Acquisition Original Asset Recorded Cost Amount
- RPA Type Code
- RPA Interest Code
- RPA Placed In Service Date
- RPA Major Command Claimant Code
- RPA Preponderant Using Organization Code
- RPA Operational Status Code
- RPA Utilization Code
- RPA Annual Operating Cost Amount
- RPA Mission Dependency Code
- RPA Historic Status Date
- RPA Historic Status Code
- Restriction Type Code
- RPA Predominant Current Use FAC Code
- RPA Predominant Current Use CATCODE Code
- RPA Primary Unit of Measure Quantity
- RPA Secondary Unit of Measure Quantity
- RPA Tertiary Unit of Measure Quantity
- RPA Primary Unit of Measure Code
- RPA Secondary Unit of Measure Code
- RPA Tertiary Unit of Measure Code

ENCLOSURE 4

CORE REAL PROPERTY INVENTORY AND FEDERAL DATA ELEMENTS,
continued

TABLE OF DATA ELEMENTS

Core RPI Data Element   **Acquisition Cost to Government Amount**

Definition   The total amount(s) paid over time to acquire and improve the real property asset. This is the sum of the Acquisition Original Asset Recorded Cost plus all capital improvement costs accumulated to the present time.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	16	2							

Core RPI Data Element   **Acquisition Date**

Definition   The calendar date when DoD acquired title to the real property asset, represented by the date of the final Transfer and Acceptance of Military Real Property document (i.e., DD1354) or the date in a deed.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **Acquisition Original Asset Recorded Cost Amount**

Definition   The acquisition cost plus all material amounts paid to bring the real property asset to its form and location suitable for its intended use.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	16	2							

Core RPI Data Element   **Asset Allocation Current Use CATCODE**

Definition   A Military Service designator that represents the current use by the assigned user of a specific portion of a real property asset. The CATCODE is utilized at the Service/Agency level.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **Asset Allocation Sustainment Fund Code**

Definition   A code used to identify the fund type(s) that will pay for sustainment of the assigned portion of a real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Core RPI Data Element   **Asset Allocation Sustainment Organization Code**

Definition   A code used to identify the organization(s) responsible for funding sustainment of the assigned portion of the real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **Asset Allocation User Organization Code**

Definition   A code used to identify the organization using a specific portion of a real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **Capital Improvement Placed In Service Date**

Definition   The calendar date the improvement to a real property facility is available for use by DoD. On this date, the government assumes liability and the warranties begin for the capital improvement to which they have received title. Also includes date of leaseholds.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **City Code**

Definition   The code used to identify the city in which the real property asset or organizational unit is located or the city nearest to the asset. A city code for US locations is only unique if it is combined with a state code and a county code.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	7								

Core RPI Data Element   **Congressional District Code**

Definition   A code representing a territorial division of a state from which a member of the US House of Representatives is elected. The Congressional District Code for a site is only unique when combined with a state code.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **Construction Material Code**

Definition   The primary building material used to construct a given real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **Construction Type Code**

Definition   The code used to identify the type of construction for a given real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	1								

Core RPI Data Element   **Country Code**

Definition   The code used to identify the country in which the real property asset or organizational unit is located.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   **County Code**

Definition: The code used to identify the county in which the real property asset or organizational unit is located. This code identifies Counties and equivalent administrative entities of the US, its possessions, and associated areas as defined within Federal Information Processing Standards (FIPS) or the county equivalent for countries not covered in the FIPS. A county code is only unique if it is combined with a state code in the areas listed in the FIPS or with the Country code for areas not in the FIPS.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   **Disposal Programmed Fiscal Year Date**

Definition   The Fiscal Year that the real property asset's disposal is expected.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	4								

Core RPI Data Element   **Disposal Reason Code**

Definition   A code used to identify the planned or actual funded reason for the disposal of the real property asset (e.g., Base Realignment and Closure, Special Legislation, Facility Reduction Program).

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **Excess Status Code**

Definition   A code used to identify the type of excess property action taken for a real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	1								

Core RPI Data Element   **Facility Built Date**

Definition   The calendar date on which the original construction was completed for a facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **Facility Current Period Depreciation Amount**

Definition   The amount the facility has been depreciated for the current period.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	16	2							

Core RPI Data Element   **Facility Estimated Useful Life Adjustment Quantity**

Definition   The number of years by which the life of a real property facility is extended through the completion of a capital improvement.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	3								

Core RPI Data Element   **Facility Estimated Useful Life Quantity**

Definition   The total number of service years expected from a long-term real property facility. In other words, the amount of time that the facility is expected to be in use.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	3								

Core RPI Data Element   **Facility Height Quantity**

Definition: The vertical distance measured from the approved street grade to the highest man-made part of the facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **Facility Height Unit of Measure Code**

Definition: The Unit of Measure code used for the measurement of the height of a facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   **Facility Housing Attribute Code**

Definition: The code assigned by the Military Service (includes WHS) or Defense Agency used to identify the configuration of any enlisted unaccompanied personnel facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	1								

Core RPI Data Element   **Facility Length Quantity**

Definition: The measurement of the extent of a real property facility from side to side, as measured along a line perpendicular to the width measurement.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **Facility Length Unit of Measure Code**

Definition: The Unit of Measure code used for the measurement of the length of a facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   **Facility Number**

Definition: The locally developed facility identification that is clearly visible (either painted or by signage) on the exterior of a real property facility, used for visual identification of the facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	7								

Core RPI Data Element   **Facility Physical Quality Code**

Definition: A code used to depict the capability of existing facilities as measured by a condition index. The quality rating represents a facilities restoration and modernization requirement but does not represent a facilities sustainment or new footprint requirement. The Q-rating estimates will not contain any annual sustainment tasks or "deferred sustainment" costs, although they may contain restoration costs caused by deferred sustainment. The rating will also not represent costs to build out capacity deficits. Q-ratings will be in terms of the estimated cost to restore and modernize facilities to full-up *Q-1 status.*

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **Facility Plant Replacement Value Amount**

Definition   The cost to replace a facility using current standards.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	16								

Core RPI Data Element   **Facility Replacement Program Fund Code**

Definition   A code used to identify the fund type for replacement of the entire real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Core RPI Data Element   **Facility Replacement Program Organization Code**

Definition   A code used to identify the organization responsible for replacement of the entire real property
facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **Facility Total Accumulated Depreciation Amount**

Definition   The cumulative amount of all depreciation that has taken place on a particular real property facility
up to the present time. Land assets will not be depreciated.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	16	2							

Core RPI Data Element   **Facility Type Code**

Definition   The code used to identify the category (B - building, S - structure, or LS - linear structure) of facility
to which the real property asset belongs.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **Facility Width Quantity**

Definition: The measurement of the extent of a real property facility from side to side, as measured along a
line parallel to the building's shorter dimension or parallel to the street.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **Facility Width Unit of Measure Code**

Definition: The Unit of Measure code used for the measurement of the width of a facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   **Grant Annual Cost Amount**

Definition: The annual dollar amount paid for use of a real property asset obtained from another organization.
This will include all amounts defined in the legal instrument granting the use of the space.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	12	2							

Core RPI Data Element   **Grant Capital Lease Criteria Code**

Definition: A code used to identify the reason(s) why the lease was classified as a capital lease.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	1								

Core RPI Data Element   **Grant End Date**

Definition: The last calendar date of occupancy allowed by the legal instrument or contract governing a grant.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **Grant Parking Indicator**

Definition   The designator signifying if parking spaces are included in the terms of the grant instrument.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
CHAR	1								

Core RPI Data Element   **Grant Program Fund Code**

Definition   A code used to identify the fund type(s) that will pay for the grant.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Core RPI Data Element   **Grant Start Date**

Definition   The calendar date that the original legal instrument or contract governing a grant is effective.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **Grantee Organization Code**

Definition   A code used to identify the organization to which the use rights have been granted (user/recipient/grantee).

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **Installation Code**

Definition: The code assigned by the Military Service (includes WHS) or Agency used to identify the site or group of sites that make up an installation.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element **Installation Name**

Definition: The official identification or name applied to the entire installation, as used by the DoD and the Services to recognize the installation.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	50								

Core RPI Data Element **Instrument Number**

Definition: The legal/official instrument designator assigned by the authority that acquired the real property asset.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	18								

Core RPI Data Element **Land Improvement Code**

Definition: A code used to identify the current status (improved, semi-improved, un-improved, or other) of the land.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	1								

Core RPI Data Element **Land Total Area Quantity**

Definition: The size of the land parcel.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	11	2							

Core RPI Data Element **Land Total Area Unit of Measure Code**

Definition: The Unit of Measure code used for the measurement of the total area of land.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	6								

Core RPI Data Element **Postal Code**

Definition Postal code of the address where the real property asset or organizational unit is located.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	17								

Core RPI Data Element **Project Completion Date**

Definition: The calendar date the project for the real property asset was completed.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**

DATE   8

Core RPI Data Element   **Project Detail Fund Code**

Definition: A code used to identify the actual fund type(s) used to fund the work called for in the real property
project.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	4								

Core RPI Data Element   **Project Detail Fund Cost Amount**

Definition   The actual amount of funds expended by fund code, in then-year US dollars.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
NUMBER	16	2							

Core RPI Data Element   **Project Detail Organization Code**

Definition   A code used to identify the organization, or organizations, funding the real property project.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	6								

Core RPI Data Element   **Restriction Type Code**

Definition   A code used to identify the type of restriction on the real property asset to include Grant Use
Restriction.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	2								

Core RPI Data Element   **Real Property Asset (RPA) Annual Operating Cost Amount**

Definition   The actual annual operating costs, including: recurring maintenance and repair costs, utilities
(electrical energy, gas, water, sewage) but excluding telecommunications costs, cleaning or janitorial costs, and
roads/grounds expenses (landscaping, snow removal, etc.).

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
NUMBER	16	2							

Core RPI Data Element   **RPA Historic Status Code**

Definition   A code used to identify the historic status of a real property asset with respect to placement on the
National Register of Historic Places.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	4								

Core RPI Data Element   **RPA Historic Status Date**

Definition   The calendar date that the real property asset was added to the National Register of Historic

Places or determined and/or declared to be of historic significance.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   ## RPA Interest Code

Definition   A code used to identify the type of interest DoD holds regarding an asset that denotes if the real property asset is owned, leased, or permitted from another agency or entity.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   ## RPA Latitude Coordinate

Definition   The y-axis coordinate or northing for a coordinate set.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	12	8			X				

Core RPI Data Element   ## RPA Longitude Coordinate

Definition   The x-axis coordinate or easting for a coordinate set.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	12	8			X				

Core RPI Data Element   ## RPA Major Command Claimant Code

Definition   A code used to identify the Military Service organization that has direct command authority over a real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	3								

Core RPI Data Element   ## RPA Mission Dependency Code

Definition   The value an asset brings to the performance of the mission as determined by the governing agency.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4	0							

Core RPI Data Element   ## RPA Operational Status Code

Definition   A code used to identify the current operational status of the real property asset (e.g., Active, Inactive, etc.).

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element   **RPA Placed In Service Date**

Definition   The calendar date the real property asset is available for use by DoD. On this date, the government assumes liability and the warranties begin for the asset to which DoD has received title.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	8								

Core RPI Data Element   **RPA Predominant Current Use CATCODE Code**

Definition   The Military Service CATCODE that represents the current use of the asset based on the largest quantity utilized for a single purpose.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **RPA Predominant Current Use FAC Code**

Definition   The OSD FAC Code that represents the current use of the asset based on the largest quantity utilized for a single purpose.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Core RPI Data Element   **RPA Preponderant Using Organization Code**

Definition   A code used to identify the organization using the largest quantity of a real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **RPA Primary Unit of Measure Code**

Definition   The primary unit of measure as defined by the DoD Facility Analysis Category (FAC) code.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **RPA Primary Unit of Measure Quantity**

Definition   The numerical amount of the primary unit of measure (defined by the Military Services CATCODE or by the DoD FAC code).

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **RPA Secondary Unit of Measure Code**

Definition   The secondary unit of measure as defined by the Military Services CATCODE.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **RPA Secondary Unit of Measure Quantity**

Definition   The numerical amount of the secondary unit of measure defined by the Military Services
CATCODE.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **RPA Tertiary Unit of Measure Code**

Definition   The tertiary unit of measure defined by the Military Services CATCODE.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element   **RPA Tertiary Unit of Measure Quantity**

Definition   The numerical amount of the tertiary unit of measure defined by the Military Services CATCODE.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	8								

Core RPI Data Element   **RPA Type Code**

Definition   A code used to identify the type of real property asset (limited to: L - land and F - Facility)

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
CHAR	1								

Core RPI Data Element   **Real Property Unique Identifier**

Definition   The real property unique identifier (RPUID) is a non-intelligent code used to permanently and
uniquely identify a real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	18								

Core RPI Data Element   **RPA Utilization Code**

Definition   The state of having been made use of, i.e., the rate of utilization.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	5	2							

Core RPI Data Element   **Site Unique Identifier (SUID)**

Definition   The unique identifier (UID) used to permanently identify a site. This UID will be the Real Property
SUID.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key

NUMBER   18

Core RPI Data Element   **Site Code**

Definition   The code assigned to the site by the Service/WHS for inventory control. This attribute is used to reference the site in legacy systems.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	12								

Core RPI Data Element   **Site Creation Date**

Definition   The calendar date on which the first real property asset assigned to the site was acquired.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
DATE	8								

Core RPI Data Element   **Site Name**

Definition   The common identification or name for the site assigned by the Military Service, WHS, or Agency.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	100								

Core RPI Data Element   **Site Operational Status Code**

Definition   A code used to identify the current operational status of the site (e.g., Active, Inactive).

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	2								

Core RPI Data Element   **Site Primary Activity Code**

Definition   The code used to identify the principal activity of the site.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	2								

Core RPI Data Element   **Site Primary Indicator**

Definition   The designator that identifies the primary site of the installation. The site on which the installation command operations is located.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
CHARACTER	1								

Core RPI Data Element   **Site Reporting Component Code**

Definition   A code used to identify the Military Department/WHS that has statutory (landholding) reporting responsibility for the site.

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Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Core RPI Data Element **State Code**

Definition The code used to identify the state, District of Columbia, or possession in which the real property asset or organizational unit is located.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Core RPI Data Element **Street Address Line1 Text**

Definition The location of the real property asset or organizational unit that can include street number and the name of the street or road.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	100								

Core RPI Data Element **Street Address Line2 Text**

Definition Additional real property asset or organizational unit address and location information such as suite, room, or unit, if required.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	100								

Core RPI Data Element **Unit of Measure Value Quantity**

Definition The numeric value for measurement.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
NUMBER	22	2							

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E5. ENCLOSURE 5

FORECASTING DATA ELEMENTS

The following page provides the structure of the data required for forecasting. This page is then followed by an alphabetized listing of the forecasting data elements. The DUSD(I&E) will annually issue guidance as to the specific procedures, data structures, and formats to be used for submitting the core RPI and forecasting data. As this guidance changes, it is not part of the enclosures.

FORECASTING DATA ELEMENTS, continued

Figure E5.F1. – Figure for Forecasting Data Elements
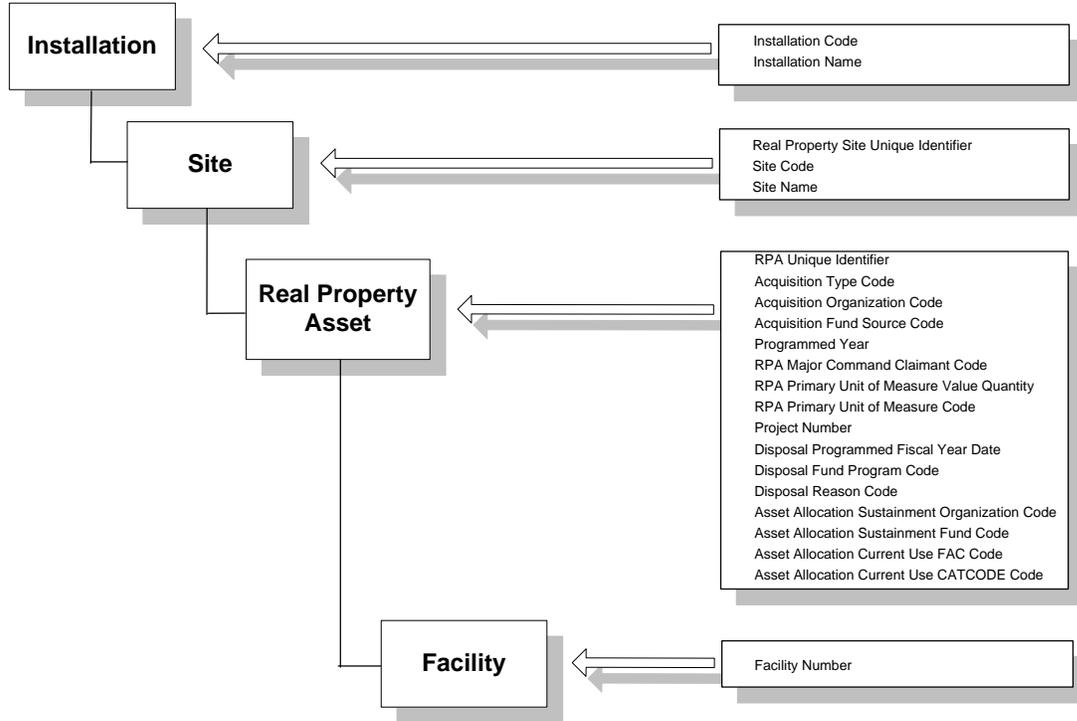
FORECASTING DATA ELEMENTS, continued

TABLE OF DATA ELEMENTS

Forecasting Data Element **Acquisition Fund Source Code**

Definition A code used to identify the fund type(s) that will pay for acquisition of the real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Forecasting Data Element **Acquisition Organization Code**

Definition A code used to identify the organization(s) responsible for funding the acquisition of the real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Forecasting Data Element **Acquisition Type Code**

Definition A designator that shows how interest in the real property asset was acquired.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Forecasting Data Element **Asset Allocation Current Use CATCODE Code**

Definition A Military Service designator that represents the current use by the assigned user of a specific portion of the real property asset. The Category Code (CATCODE) is utilized at the Service/Agency level.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Forecasting Data Element **Asset Allocation Current Use FAC Code**

Definition An OSD level designator that represents the current use by the assigned user of a specific portion of the real property asset.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Forecasting Data Element **Asset Allocation Sustainment Fund Code**

Definition A code used to identify the fund type(s) that will pay for sustainment of the assigned portion of the real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	4								

Forecasting Data Element **Asset Allocation Sustainment Organization Code**

Definition   A code used to identify the organization(s) responsible for funding sustainment of the assigned portion of the real property facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	6								

Forecasting Data Element **Disposal Fund Program Code**

Definition   A code used to identify the primary fund type paying for the disposal of the real property asset. By disposal is meant the real property asset is no longer part of the active RPI. The information on the asset will be archived.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERICE	4								

Forecasting Data Element **Disposal Programmed Fiscal Year Date**

Definition   The Fiscal Year that the real property asset's disposal is expected.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
DATE	4								

Forecasting Data Element **Disposal Reason Code**

Definition   A code used to identify the planned or actual funded reason for the disposal of the real property asset (e.g., Base Realignment and Closure, Special Legislation, Facility Reduction Program property).

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	2								

Forecasting Data Element **Facility Number**

Definition   The locally developed facility identification that is clearly visible (either painted or by signage) on the exterior of a real property facility, used for visual identification of the facility.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	7								

Forecasting Data Element **Installation Code**

Definition   The code assigned by the Military Service (includes WHS) or Agency used to identify the site or group of sites that make up an installation.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	5								

Forecasting Data Element **Installation Name**

Definition   The official identification or name applied to the entire installation, as used by the DoD and the Services to recognize the installation.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	50								

Forecasting Data Element **Programmed Year**

Definition The Fiscal Year that the acquisition or transfer of the real property asset is expected.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
DATE	4								

Forecasting Data Element **Project Number**

Definition A number assigned to an undertaking funded by military construction or minor construction funds. This serves as permanent identification of the project from planning through programming, funding, construction, and reporting.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	20								

Forecasting Data Element **Real Property Unique Identifier (RPUID)**

Definition The RPUID is a non-intelligent code used to permanently and uniquely identify a real property asset.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
NUMBER	18								

Forecasting Data Element **RPA Major Command Claimant Code**

Definition A code used to identify the Military Service organization that has direct command authority over a real property asset.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	3								

Forecasting Data Element **RPA Primary Unit of Measure Code**

Definition The primary unit of measure as defined by the DoD Facility Analysis Category (FAC) code.

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
ALPHANUMERIC	6								

Forecasting Data Element **RPA Primary Unit of Measure Quantity**

Definition The numerical amount of the primary unit of measure (defined by the Military Services CATCODE or by the DoD FAC code).

Data Type	**Length**	**Precision**	**Data Interface**	**Unique**	**Optional**	**Nullable**	**Derived**	**Primary Key**	**Foreign Key**
NUMBER	8								

Forecasting Data Element **Site Code**

Definition The code assigned to the site by the Service/WHS for inventory control. This attribute is used to

reference the site in legacy systems.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	12								

Forecasting Data Element **Site Name**

Definition   The common identification or name for the site assigned by the Military Service, WHS, or Agency.

Data Type	Length	Precision	Data Interface	Unique	Optional	Nullable	Derived	Primary Key	Foreign Key
ALPHANUMERIC	100								

E6. ENCLOSURE 6

CONSOLIDATED FACILITY ANALYSIS CATEGORIES (FAC) TABLE

Table E6.T1. FACs Approved for Consolidated Reporting

FAC	FAC Description
1164	Miscellaneous Airfield Pavement, Surfaced
1165	Aircraft Pavement Shoulder
1351	Communications Lines
1361	Airfield Pavement Lighting
1362	Airfield Lighting
1464	Aircraft Blast Deflector
1495	Revetment
1541	Shore Erosion Prevention Facility
1591	Miscellaneous Waterfront Facility
1631	Offshore Mooring Facility
1641	Harbor Marine Improvements
1741	Maneuver/Training Land, Light Forces
1742	Maneuver/Training Land, Heavy Forces
1743	Weapons Impact Area
3901	Miscellaneous Research, Development, Testing, and Evaluation (RDT&E) Facility
6900	Administrative Structure, Other Than Buildings
7511	Playground
7516	Outdoor Recreation Area
7517	Recreational Pier
7518	Marina
7521	Outdoor Playing Court
7602	Monument and Memorial
8121	Electrical Power Distribution Line
8221	Heat Distribution Line
8271	Chilled Water and Refrigerant Distribution Line
8321	Sewer and Industrial Waste Line
8421	Water Distribution Line, Potable
8432	Water Distribution Line, Fire Protection
8451	Water Distribution Line, Nonpotable
8511	Road, Surfaced
8512	Road, Unsurfaced
8524	Sidewalk and Walkway
8525	Pedestrian Bridge
8526	Miscellaneous Paved Area

8601	Railroad Track
8711	Storm Drainage
8712	Retaining Structure
8721	Fence and Wall
8801	Fire and Other Alarm System
8811	Fire Extinguishing System
8930	Installation Gas Distribution Line
9110	Government Owned Land
9120	Withdrawn Public Land
9130	Licensed and Permitted Land
9140	Public Land
9210	Land Easement
9220	In-Leased Land
9230	Foreign Land

E7. ENCLOSURE 7

U.S. UNITS TO METRIC UNITS CONVERSIONS

UM	Description	Conversion To Metric
AC	Acres	Hectares = AC times 0.4047
BL	Barrels (42 gallons capacity)	Liters = BL times 42 times 3.79
CF	Cubic Feet	Cubic Meters = CF times 0.02832
DW	Depth of Water (feet at low tide)	Meters = DW times 0.3048
FB	Feet of Berthing (linear feet)	Linear Meters = FB times 0.3048
GA	Gallons	Liters = GA times 3.79
GM	Gallons per Minute	Liters per Minute = GM times 3.79
KG	Thousands of Gallons (per day)	Thousands of Liters (per day) = KG times 3.79
LF	Linear Feet	Linear Meters = LF times 0.3048
MG	Millions of Gallons	Millions of Liters = MG times 3.79
MI	Miles	Kilometers = MI times 1.609
SF	Square Feet	Square Meters = SF times 0.0929
SY	Square Yards	Square Meters = SY times 0.8361
TH	Tons (weight) per Hour	Metric Tons per Hour = TH times 0.9072
TN	Tons (weight)	Metric Tons = TN times 0.9072