

Supporting Information from Discussions
at
Tri-Service Facility Management Standards (TSFMS) Task Group Meeting

April 7-8 1999
Tri-Service CADD/GIS Technology Center
Waterways Experiment Station
Vicksburg, Mississippi

What is FM?

1. Inventory
 - a. Anything base, installation, USACE District owns. Assets owned or managed.
 - b. Graphic (TSSDS & A/E/C CADD) & non-graphic.
2. Legal reporting requirements.
3. Master Planning.
4. Communications
5. Land Management
6. Civil Works
7. Public Safety
8. Class 1,2,3,4 DoD real property inventory, or derived entities that must be considered in it's use, associated with the use and reporting at an installation and civil works activity.
 - 1-0001 – Land;
 - 2-0001 – Facility (building, structures, utilities);
 - 3-0001 - Capital equipment;
 - 4-0001 - Industrial equipment
9. Center's scope of FM – Data & information. Does not include the process.
10. **The scope of FMS is the data describing the control and reporting of real property and derived entities that must be considered in it's use.**
2. Environmental Compliance
 1. Utilities
 3. Real Property
 4. Land

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What if FM? (Group Outliner)

1. The scope of FMS is the data describing the control and reporting of real property and derived entities that must be considered in it's use.

Why do we need 'civil works' also. Installation should cover all themes.

1.1 of the non-graphic attributes describing the class 1,2,3,4 and derived entities - some are transactional and some are not, suggest that the transactional ones belong under TSFMS, others should stay in the TSSDS schema

1.2 FM is the management of real property inventory, or derived entities that must be considered relating to that real property, associated with the use and reporting at an installation or civil works activity.

1.3 FMS, in part, is the DoD Real Property Inventory (Classes 1, 2, 3, and 4) including derived entities that must be considered in its use. We associate the inventory with the use and reporting of data at an installation.

1.4 The scope of FM includes elements and features of land and improvements associated with the use of an installation and derived entities that must be considered in its use. [For DoD, the elements and attributes of land and improvements are those contained within classes 1-4 of Real Property Inventory.]

1.5 Real property inventory = Graphic and non-graphic

The only non-graphic data to include is that which one would associate directly to the graphic entity, or use for DoD roll-up reporting.

1.6 FM - Real property inventory (DoD class 1, 2, 3, 4) and its derived entities that must be considered for use and reporting at an installation.

1.7 FM is the management by a government organization (Civilian or Military) of the real property (land and capital improvements) and related assets and resources that the organization has interest in managing and reporting.

1.8 FM is a class 1,2,3,4 DoD real property inventory, associated with the use and reporting at an installation and any derived entities that must be reported/or considered in its use.

1.9 Change "must be considered in its use" to "impacts"

1.10 FM is defined as the data about the DoD real property inventory, or derived entities that must be considered in its use, associated with the use and reporting at an DoD unit and other Federal activities as it relates to real property inventory.

What is a unit? Is this a UIC or business unit?

1.11 FM is the management of federally-owned real property inventory (DoD Class 1, 2, and 3), or derived entities that must be considered in its use. Real property includes land and all land and water features; and all capital improvements including vertical and horizontal structures, utility infrastructure,

and communications infrastructure. Management includes master planning, procurement, design, construction, acceptance, acquisition, maintenance, repair of the real property; and maintenance of official records of all transactions. Derived entities include constraints on the use of real property resulting from environmental, safety, aircraft, vehicle, and equipment operations considerations.

1.12 Change "FM is a class" to "FM is information about class"
"FM is information about class"

1.13 Rewording: FM is the management of infrastructure operations (planning, maintenance, utilities, etc.) and reporting of installation and civil works DoD real property inventory (class 1,2,3,&4) and derived entities.

1.14 Derived entities = graphic features + nongraphic records.

1.15 Non-graphic TSFMS attributes associated not associated with any physical or derived feature probably does not fit our definition. i.e. work request entities to perform services not associated with an asset.

1.16 ISSUE: So far we have not defined or limited the depth of FM data (i.e. are we recording data on last inspection date and current operational condition of a "pump" in a facility.

1.17 Construction, operation, maintenance, modification, and disposal of real property assets.

1.18 This is the underlying database architecture which contains the entity attributes.

2. Inventory

2.1 Anything base, installation, or USACE District owns, including assets owned or managed.

2.2 Graphics (TSSDS & A/E/C CADD) & non-graphic.

3. Legal reporting requirements

4. Master Planning

5. Communications

6. Land Management

7. Civil Works

Waterways (Harbor& River) engineering and management, including locks, dams, revetments, harbor and river dredging, and recreation facilities

Flood control programs, including levees, flood walls and reservoir construction and management

Land reclamation and irrigation programs

Federal power generation and management programs (DOE and Corps)

8. Public Safety

9. 1-0001 - Land; 2-0001 -Facility(building, structures, utilities); 3-0001 - Capital Equipment; 4-0001 - Industrial Equipment

10. Asset Management (Priority #1)

10.1 (1) Utilities, including water treatment, sewage treatment, electrical power generation, utility lines, and fuel storage and distribution systems.

10.2 (3) Real Property, including real property planning, space management, public works management, facility plans and engineering, range management, forestry management and lease management.

10.3 Real Property Maintenance, including facility repair and maintenance, road maintenance, equipment maintenance, landfill and waste management, grounds maintenance.

10.4 Training Areas.

11. Operations Area Support (Priority #2)

11.1 Inventory information related to Air Facility Operations, including fuel support, T-line/airfield facilities, ground electronics, crash and rescue, weapons housing, cargo handling, passenger terminal operations, airfield logistics, auxiliary airfield support, radar, communication, ground-based navigation aids, automation, and radios used to facilitate communication between air traffic controllers and pilots.

11.2 Port Facilities, including berthing and hotel services, port logistics, tugs and crafts, degaussing, sea air rescue, spill response, and weapons support.

11.3 Industrial Engineering Support, including equipment and repair, maintenance, utilities.

12. Land Management and Conservation Services (Priority #3)

12.1 (4) Land, including integrated training area management, natural resource management, historical and archaeological management, and recreational area management.

12.2 (5) Agricultural and Conservation, including soil conservation, farmland rehabilitation, crop management, watershed and flood prevention operations, water quality management, water conservation, fish and wildlife management and other conservation oriented programs.

12.3 (2) Environmental Compliance, including pollution prevention, compliance assessment and monitoring, HAZMAT control and other compliance related activities.

13. Civil Works Programs (Priority #4)

13.1 Waterway (Harbor and River) Programs, including locks, dams revetments, harbor and river dredging, and recreational facilities

13.2 Flood Control Programs, including levees, floodwalls and reservoir construction.

13.3 Land Reclamation and Irrigation Programs

14. Public Safety (Priority #5)

14.1 Public Safety, including HAZMAT, crash and rescue, weather, emergency response routes, disaster preparedness, fire protection.

15. Information and Communications Support (Priority #6)

15.1 Communications, including communications infrastructure, cable management, telephone and radio.

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