

DoD UNIFIED FACILITIES CRITERIA PROGRAM

FY 2017 Program Review



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1 EXECUTIVE SUMMARY

The Department of Defense (DoD) is streamlining government criteria by eliminating duplication and increasing reliance on private sector standards. Since 1998, the Unified Facilities Criteria Program, under the leadership of the Engineering Senior Executive Panel (ESEP), implements these requirements for facility planning, design, construction, maintenance and operation including demolition and disposal.

Unified Facilities Criteria (UFC), Facility Criteria (FC), and Unified Facilities Guide Specifications (UFGS) are technical manuals and specifications used for planning, design, construction, maintenance and operations of all DoD facility projects. Highlights and accomplishments for FY 2017 include:

- Achieved 78% unification rate for all UFC documents, a 10% increase from 2016.
- Sustained 100% unification rate and 100% currency rate (up to date) for all core UFC documents;
- Published 13 new or revised UFC;
- Published 25 new and 72 revised or changed UFGS; and
- Removed inactive and archived UFC from actively managed documents listing resulting in markedly improved health indices.

In addition to criteria document improvements, the program provides technical expertise and guidance on many key DoD issues. Major accomplishments in FY 2017 include:

- Sponsored the second Discipline Working Group (DWG) Training Workshop to provide better program alignment and direction across DWGs to improve consistency efficiencies and communication;
- Continued improvement to the Criteria Management System (CMS) including training sessions for users and easier access to key reports and data;
- Developed life-cycle cost analysis template for use of reflective glass beads used in airfield pavement markings;
- Completed project execution reviews of all DWGs and noted substantial improvement in Criteria Change Request (CCR) resolutions;
- Held an Industry Day with regards to *UFC 3-490-06 Design: Elevators*;
- Began a major study to assess the materials for DoD runways, taxiways, aprons, and other pavements supporting various airframe platforms; and
- Met with industry representative to attempt to address open protocol requirements regarding DoD use of Variable Refrigerant Flow (VRF) systems.

2 PROGRAM OVERVIEW

2.1 Program Authority

Public Law 104-113 (the National Technology Transfer and Advancement Act) and OMB Circular A119 (1998) require agencies to streamline government criteria by eliminating duplication of information and increasing reliance on private sector standards. For facility planning, design, construction and maintenance, the Department of Defense (DoD) complies with these requirements through the Unified Facilities Criteria (UFC) Program. The UFC program is implemented through Military Standard (MIL-STD) 3007F, "Standard Practice for Unified Facilities Criteria and Unified Facilities Guide Specifications" in compliance with DoD Instruction 4120.24, "Defense Standardization Program," and directed by DoD Directive 4270.5, "Military Construction." The program objectives are:

- Streamline the military criteria by eliminating duplication of information;
- Increase reliance on private sector standards; and
- Create a more efficient criteria development and publishing process.

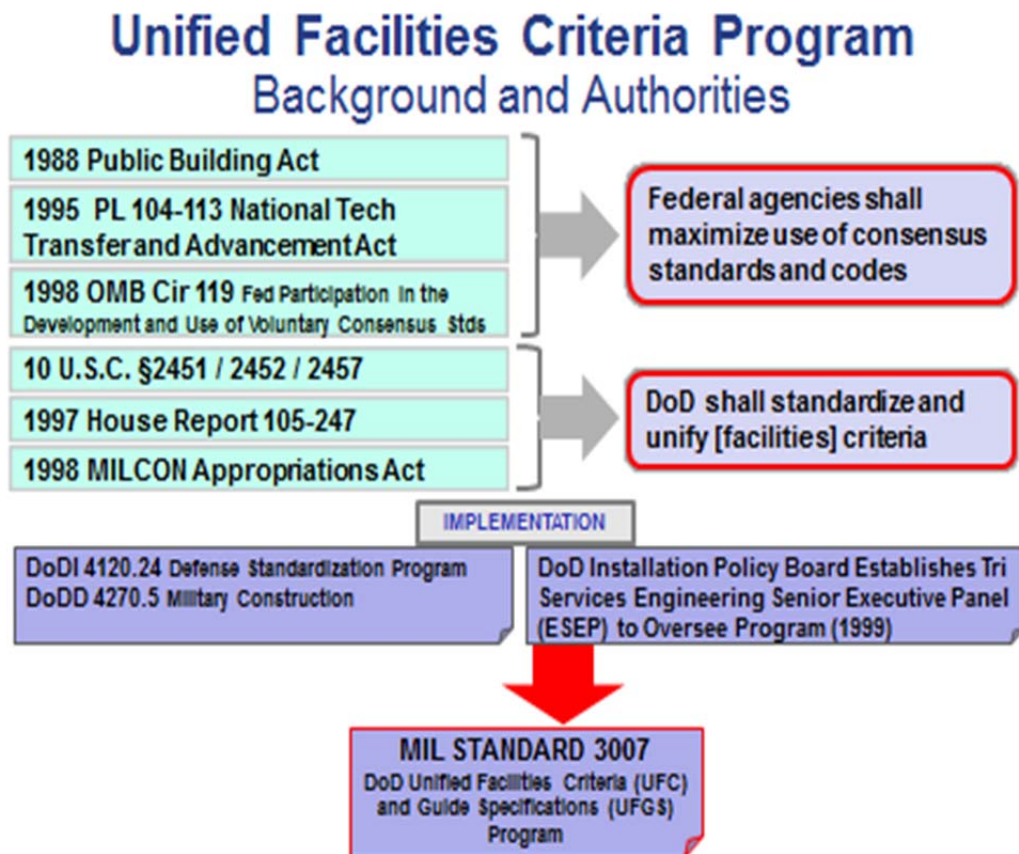
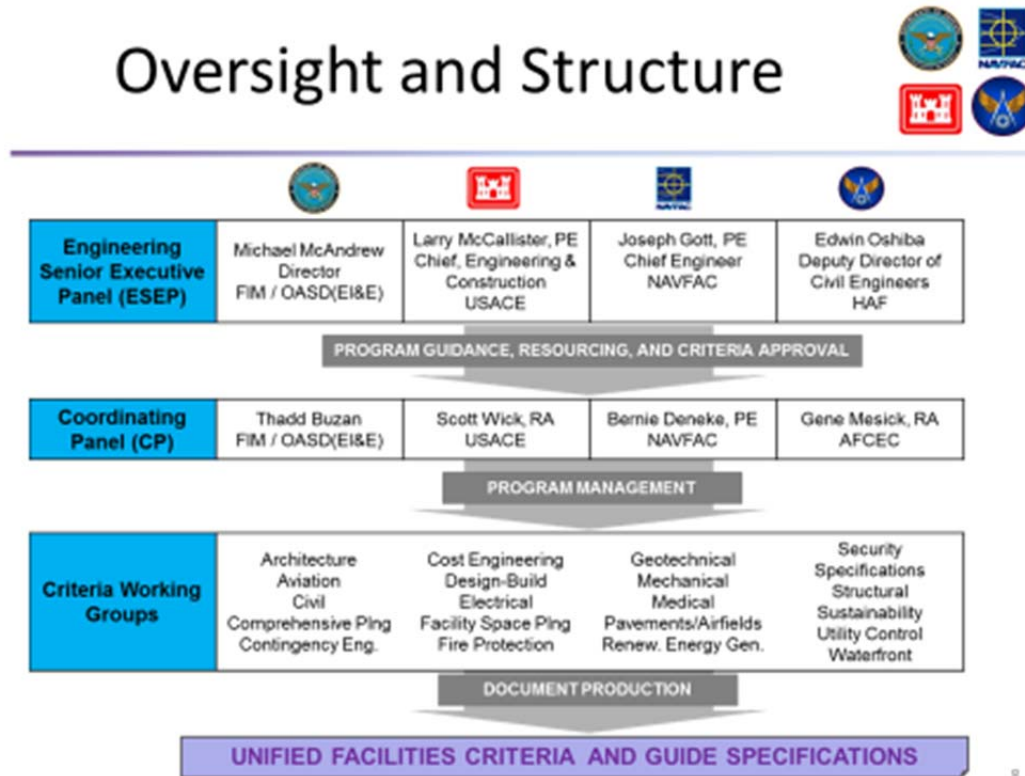


Figure 2-1
UFC Program Background and Authorities

2.2 Program Organization

The Engineering Senior Executive Panel (ESEP) provides program guidance, resourcing, and criteria approval. The Coordinating Panel (CP) provides program management and oversees the criteria discipline and functional working groups. The Discipline Working Groups (DWG) and Functional Working Groups (FWG) are responsible for criteria development and production. Program organization highlights for FY 2017:

- ESEP Chair—Edwin H. Oshiba, U.S. Air Force;
- CP Chair—Gene Mesick, Air Force Civil Engineering Center;
- Technical Coordinating Panel (TCP) Chair—Craig Mellerski, U.S. Air Force; and
- 21 Discipline/Functional Working Groups.



**Figure 2-2
UFC Program Oversight and Structure**

2.3 Program Administration

The ESEP assigns personnel within U.S. Army Corps of Engineers (USACE), Naval Facilities Engineering Command (NAVFAC), Air Force Civil Engineering Center (AFCEC), and the Office of the Undersecretary of Defense for Installations and Environment (ODUSD-I&E) to participate on the CP and the 21 discipline and functional working groups. The working groups are responsible for development and maintenance of the criteria documents by in-house staff or by architect-engineering contracts.

2.4 Program Resources

The ESEP resources the UFC program administration through USACE, NAVFAC, AFCEC, and ODUSD-I&E. As such, the CP and the discipline and functional working groups are responsible for program management, development and maintenance of the criteria documents. Additional funding is

also allocated by each service component to augment criteria work which requires resources outside of the working group. The breakout of funding allocated to criteria development and updates is shown in Table 2-1.

Service Component	FY 2014	FY 2015	FY 2016	FY 2017
USACE	\$2,000,000	\$1,400,000	\$1,500,000	\$1,400,000
NAVFAC	\$1,114,000	\$855,000	\$1,250,000	\$1,239,000
AFCEC	\$150,000	\$800,000	\$1,000,000	\$1,931,000
OASD-EI&E	\$0	\$0	\$600,000	\$421,000
Total	\$3,264,000	\$3,055,000	\$4,350,000	\$4,991,000

**Table 2-1
Criteria Development Funding**

In addition to direct funding for development and maintenance of DoD criteria, funding is required for DoD access to non-government standards (industry consensus standards), management and distribution of DoD standards on the Whole Building Design Guide (WBDG), and administration and maintenance of SPECSINTACT. Significant cost savings are realized for these services by procurement through DoD bulk service contracts. The costs have been steady over the history of the program with the exception of minor adjustments accounting for inflation and have been funded by ODUSD-I&E. The breakout of FY 2017 costs is shown in Table 2-2.

SPECSINTACT	\$325,000
SPECSINTACT/Windows® Compatibility (update)	\$370,000
NIBS/WBDG	\$605,000
Non-Government Standards/IHS Support	\$2,300,000
UFC and UFGS Program Administration	\$163,400
TOTAL	\$3,763,400

**Table 2-2
Criteria Access and Distribution—FY 2017 Funding**

3 KEY INITIATIVES AND ACCOMPLISHMENTS

3.1 UFC/UFGS Highlights

For the FY 2017, the UFC program achieved 78% unification rate for all UFC documents. This is a 10% increase from FY 2016. The program continued to sustain 100% unification rate and 100% currency rate (up to date) for all core UFC documents. The program published 13 new or revised UFC including revisions to *UFC 1-200-02 High Performance and Sustainable Building Requirements*. Twenty-five new and 72 revised and changed UFGS were also published. Program health indices were markedly improved by removing inactive and archived UFC from the active document inventory.

3.2 Discipline Working Group Training Workshop

In May 2017, the ESEP and the CP sponsored the second Discipline Working Group (DWG) Training Workshop. All 21 DWGs participated in the two-day workshop. This second training session, involving over 90 DoD personnel representing the Service's criteria experts, was organized to provide better program alignment and direction across DWGs to gain consistency and efficiencies in practice.

Objectives included:

- Address Unified Facilities Criteria (UFC), Facilities Criteria (FC) and Unified Facilities Guide Specifications (UFGS) program management concerns with the DWGs;
- Focus on FY 2017 and out-year program workload within each of the DWGs; and
- Provide training on the tools supporting the program management and development.

Workshop survey results indicated continued support for DWG training. A third workshop is planned for May 2018.

3.3 Criteria Management System

Throughout FY 2017, the Criteria Management System (CMS) was continuously improved including greater use and acceptance for editing and approving UFC and USFG documents. The UFC program sponsored a number of onsite, hands-on training sessions for new criteria managers and to introduce new enhancements to experienced users. These FY 2017 enhancements include:

- Improving project management with fewer role restrictions;
- Increasing the ability to find, manage, and report on appropriate groups of documents;
- Increasing review comment management efficiency;
- Improving reports to accommodate new requirements and CMS features;
- Clarifying automated system notifications;
- Leveraging email group distribution lists; and
- Streamlining help and troubleshooting processes.

3.4 Innovation and New Building Technology Deployment

Implementing innovative materials and other advances in the industry is a primary goal of the Facilities Criteria Program. Members of the Discipline Working Groups and Technology Coordinating Panel collaborate with National labs and industry to research innovation viability and determine appropriate specification criteria. For example, a new guide specification on Cross Laminated Timber (CLT) was published last year, which was developed in partnership with the USACE Construction and Engineering Research Lab, the USDA's Forest Products Lab, and timber industry groups. Other criteria and specification development projects are underway for Fiber Reinforced Polymer (FRP) Composites for Low-Head Water Control Structures and Composite Bridging Materials. In addition to construction standards and criteria, the UFC program develops tools to assist the field in determining if a new technology may be appropriate for a project. During FY 2017, the UFC program developed a life-cycle cost analysis template for reflective glass beads used in airfield pavement markings. An FAA project is performing a multi-year/multi-phase study evaluating the life cycle of Type I and Type III beads in different climatic and operational conditions. Phase 1 started in May 2017 at Newark International Airport and Atlantic City, N.J. Airports to evaluate glass bead performance in cold

conditions with snow removal operations. UFC Program members will continue to monitor and assess developments in these innovations.

3.5 DWG Execution Reviews

The CP completed a second annual round of project execution reviews of 17 DWGs. There was a substantial improvement in CCR resolutions. A new template asked DWGs what is working and what needs improvement in addition to status of health index, CCRs, and authorized/funded projects.

3.6 Interaction with Industry

The UFC program interacts with industry on many relevant UFCs and UFGSs. During FY 2017, an Industry Day as held during the development of *UFC 3-490-06 Design: Elevators*. Safety and financial issues were prominent subjects. Later in the year, DoD officials met with industry to discuss and begin to address open protocol requirements regarding DoD use of Variable Refrigerant Flow (VRF) systems.

3.7 Airfield Pavements Study

DoD began a major study to assess the materials for runways, taxiways, aprons, and other pavements supporting existing platforms. New aircraft platforms, such as the P-8A, KC-46, F-35B/C, and MV-22, place thermal, blast, and wheel-load stresses on the pavement which far exceed that of their predecessors. These stresses have had an extreme impact on the stability of the airfield pavements and have increased the required repairs where the platforms are located. The study is assessing the appropriate materials for runways and taxiways supporting existing, new and anticipated future platforms based on life-cycle cost analysis.

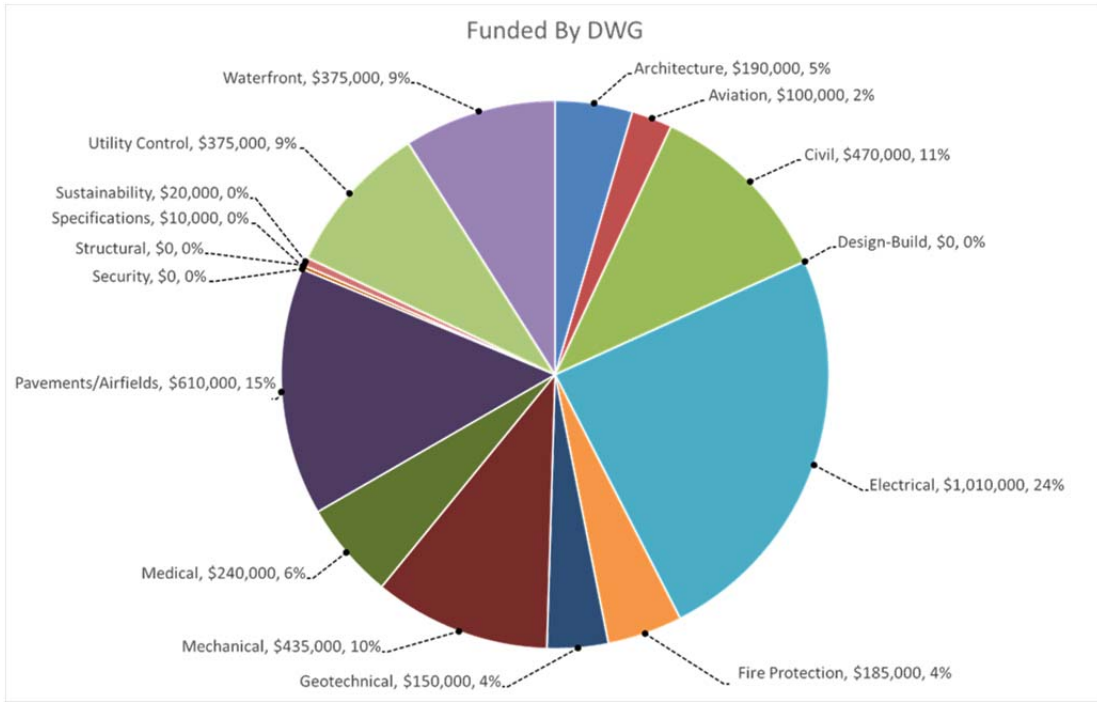
3.8 Project Prioritization for FY 2018

During FY 2017, the CP conducted an in-depth project prioritization for FY 2018 UFC/UFGS projects. DWGs were notified with a call for projects; input was received from 16 of 21 DWGs via submission through CMS. One hundred twenty-one UFC and UFGS criteria projects were proposed; these included new starts, revisions, changes, and “bundled” projects totaling approximately \$7.1 million. The CP approved 41 of the 121 projects (24 UFC projects; 58 UFGS projects) with a proposed price tag of \$3.4 million (FY18 control amount). Two (2) of the 24 approved UFC projects are approved contingent upon additional funding availability bringing the proposed price tag to \$4.17 million.

DWG	#Request	#Funded	#UFC	#UFGS
Architecture	20	3	2	3
Aviation	3	1	1	0
Civil	17	3	3	7
Design-Build	1	0	0	0
Electrical	17	4	2	6
Fire Protection	3	2	0	3
Geotechnical	1	1	1	0
Mechanical	26	9	5	12
Medical	1	1	0	10
Pavements/Airfields	11	7	5	9
Security	2	0	0	0
Specifications	7	3	0	3
Structural	4	0	0	0
Sustainability	1	1	0	1
Utility Control	3	3	1	2
Waterfront	4	3	4	2
	121	41	24	58

Table 3-1

Proposed and Funded Projects by DWG



**Table 3-2
FY 2017 Criteria Projects--Estimated Cost by DWG**

4 UNIFIED FACILITIES CRITERIA (UFC)

4.1 Introduction

UFC and Facility Criteria (FC) documents are technical manuals used for planning, design, construction, and maintenance of DoD facilities. The majority of UFC and FC are design manuals that define design requirements and best practices for DoD construction projects. A smaller percentage of UFC provide planning requirements, maintenance guidance, and handbook-type information used by field personnel.

4.2 Criteria Strategy

Industry codes and standards provide minimum consensus safety and performance requirements and are the basis of DoD criteria. *UFC 1-200-01, General Building Requirements*, implements the International Building Code and other consensus codes and standards. UFC 1-200-01 also references 27 other “core” UFC documents and other DoD special requirements to implement legislation and policy, and provide criteria associated with unique DoD functions. These documents collectively comprise the “DoD Building Code.”

The remaining UFC and FC documents generally fall into two categories: facility-type or specialty-type. Facility-type UFC documents provide space and functional requirements for facilities built frequently (such as fitness centers) or have unique DoD requirements (such as aircraft hangars and Navy piers). Specialty-type UFC documents are used on projects that require the use of a specialty system or component (such as cathodic protection, boiler control systems, and dockside utilities).

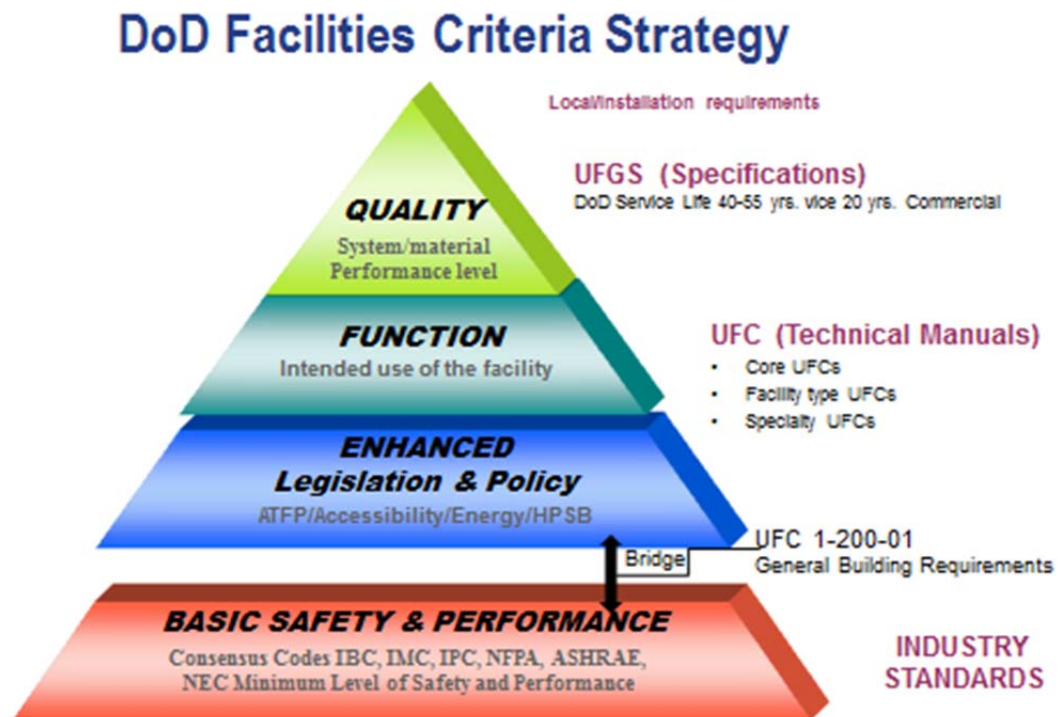
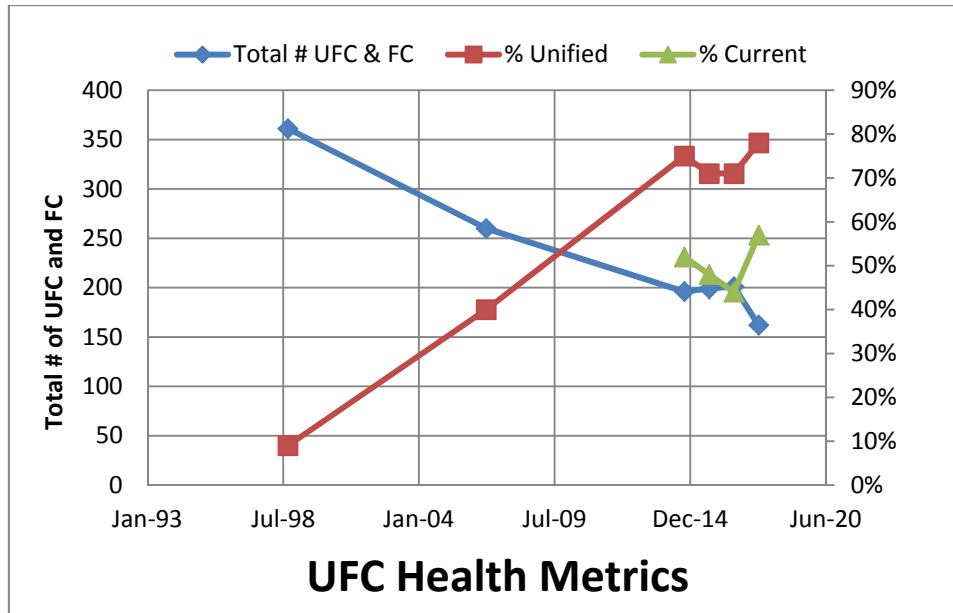


Figure 4-1
DoD Facilities Criteria Strategy

4.3 Health Metrics

The primary indicators of UFC health are “% Unified” and “% Current.” % Unified represents the percentage of total UFC documents used by all three Military Departments that are unified, and indicates progress toward reducing duplicate criteria. % Current represents the percentage of all UFC documents that have been revised within a specified target timeframe or refresh rate. Refresh rates are assigned as 6 years, 9 years, or 12 years. UFC documents can be kept current on an interim basis by incorporating minor changes and publishing as a “change” (without updating the publication date) rather than a full revision. UFC changes are not captured in the % Current calculation. Data collection for % Current began in FY 2011. The baseline for % Unified data is extracted from the March 1998 report to the Congressional Defense Committees titled “Unified Design Guidance.”

In FY 2017, 100% of the 27 core UFC were current and unified.



	Oct-98	Oct-06	Oct-14	Oct-15	Oct-16	Oct-17
Total # UFC & FC	361	260	196	199	201	162
% Unified	9%	40%	75%	71%	71%	78%
% Current	N/A	N/A	52%	48%	44%	57%

Table 4-1
UFC Health Metrics – All UFC

4.4 FY 2017 UFC Publications

In FY 2017, 13 new or revised UFC were published:

- UFC 4-023-03 Design of Buildings to Resist Progressive Collapse
- UFC 3-560-01 Electrical Safety, O&M
- UFC 4-022-01 Entry Control Facilities/Access Control Points
- UFC 4-211-01 Aircraft Maintenance Hangars
- UFC 3-535-01 Visual Air Navigation Facilities
- UFC 1-300-02 UFGS Format Standard
- UFC 4-152-01 Design: Piers and Wharves
- UFC 3-250-01 Pavement Design for Roads, Streets, Walks, and Open Storage Areas
- UFC 3-570-01 Cathodic Protection Systems
- UFC 1-200-02 High Performance and Sustainable Building Requirements
- UFC 3-550-07 O&M Exterior Power Distribution Systems
- UFC 3-540-08 Utility-Scale Renewable Energy Systems
- UFC 4-010-06 Cybersecurity of Facility-Related Control Systems

4.5 FY 2018 UFC Projects

Architecture

- UFC 1-200-01: DoD Building Code (General Building Requirements)
- UFC 3-110-03: Roofing

Aviation

- UFC 4-141-10N: Design: Aviation Operation and Support Facilities

Civil

- UFC 3-201-01: Civil Engineering
- UFC 3-240-01: Wastewater Collection
- UFC 3-240-02: Domestic Wastewater Treatment

Electrical

- UFC 3-550-03: Energy Resiliency
- UFC 3-555-01N: 400 Hertz Medium Voltage Conversion/Distribution and Low Voltage Utilization Systems

Geotechnical

- UFC 3-130-04: Foundations for Structures - Arctic and Subarctic Construction (*Funding – TBD*)

Mechanical

- UFC 3-410-02: LonWorks(r) Direct Digital Control for HVAC and Other Local Building Systems
- UFC 3-410-01: HVAC
- UFC 3-470-01: LonWorks Utility Monitoring and Control Systems
- UFC 3-430-09: Exterior Mechanical Utility Distribution
- UFC 3-430-01FA: Heating and Cooling District Systems
- TBD: Damage Control Wet Trainer (DCWT) Facilities (*Funding – TBD*)

Pavements/Airfields

- UFC 3-250-04: O&M Manual: Standard Practice for Concrete Pavements
- UFC 3-250-11: O&M Manual: Soil Stabilization for Pavements
- UFC 3-260-03: O&M Manual: Airfield Pavement Evaluation
- UFC 3-260-16: O&M Manual: Airfield Pavement Condition Survey Procedures Pavements
- UFC 3-270-08: O&M Manual: Pavement Maintenance Management

Utility Control

UFC 4-010-06: Cybersecurity of Facility-Related Control Systems

Waterfront

UFC 4-150-07: Maintenance and Operation: Maintenance of Waterfront Facilities

UFC 4-150-08: Inspection of Mooring Hardware

UFC 4-213-10: Design: Graving Drydocks

UFC 4-213-12: Drydocking Facilities Characteristics

5 UNIFIED FACILITIES GUIDE SPECIFICATIONS (UFGS)

5.1 Introduction

UFGS are technical master guide specifications used in construction projects. UFGS reference industry-consensus test and material standards and are mostly prescriptive in nature. UFGS are edited by the designer for each project and speak to the construction contractor. Sections are numbered and titled in accordance with Construction Specifications Institute's (CSI) Masterformat™ 2012. Sections are organized into three parts in accordance with UFC 1-300-02:

Part 1 – GENERAL

References
Submittals

Part 2 – PRODUCTS

System performance
Materials

Part 3 – EXECUTION

How to install
Field quality control and testing

5.2 Criteria Strategy

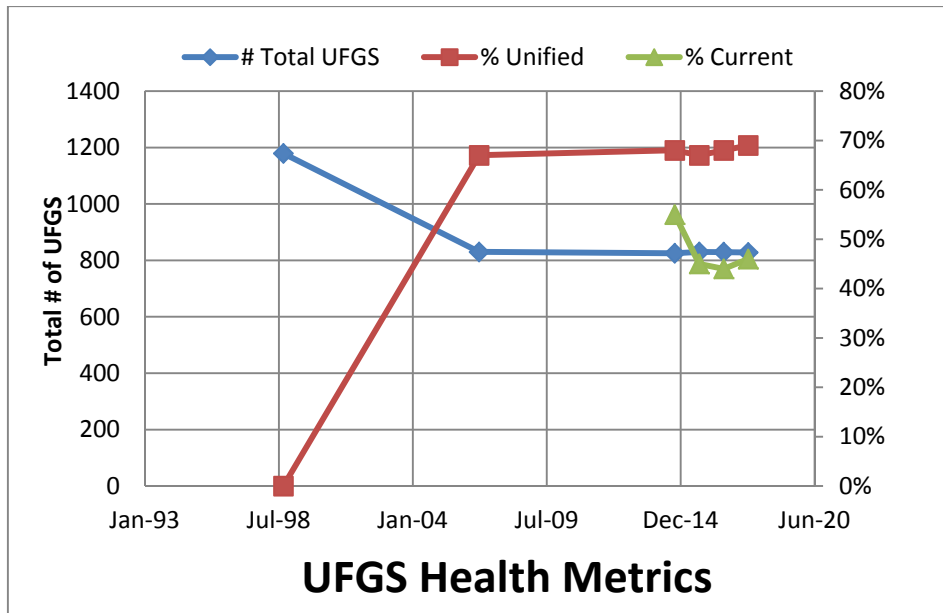
UFGS provide the level of quality and performance to provide best life-cycle cost sustainment for DoD facilities over a 45-55 year service life. UFGS are editable in order to adjust quality and level of performance based on project specific factors such as climate zone, site factors, structural loading, corrosion potential, durability requirements, facility criticality, and appearance requirements. DWGs identify the primary UFC tied to their UFGS, and its relationship in content (low, medium, or high) as part of this effort; CMS is being programmed to show the UFC and UFGS relationship fields in the document screens.

5.3 Health Metrics

The primary indicators of UFGS health are “% Unified” and “% Current”. % Unified represents the percentage of total UFGS used by all three Military Departments that are unified and indicates progress toward reducing duplicate criteria. % Current represents the percentage of all UFGS that have been revised within a specified target timeframe or refresh rate. Refresh rates are assigned as 3 years, 5 years, or 7 years.

Criteria Management System data collection for % Current began in FY 2012 for UFGS. The baseline for % Unified data is extracted from the March 1998 report to the Congressional Defense Committees titled “Unified Design Guidance” and estimated in 2006 based off other historical information.

Before August 2012, UFGS changes that were minor in scope were considered “revisions” and allowed to reset the refresh cycle. In August 2012, this metric was adjusted so that minor changes did not count as revisions. Because of this metric adjustment, the current metric value for % Current is overstating the true health of the UFGS inventory in accordance with the new measurement standard. Many UFGS that reset their refresh cycle prior to August 2012 based on minor changes, and therefore are not yet due for revision, would be due or overdue for revision had the current rule applied previously.



	Oct-98	Oct-06	Oct-14	Oct-15	Oct-16	Oct-17
# Total UFGS	1179	830	825	830	829	828
% Unified	0%	67%	68%	67%	68%	69%
% Current	N/A	N/A	55%	45%	44%	46%

Table 5-1
UFGS Health Metrics

5.4 FY 2017 New, Revised, and Changed UFGS

In FY 2017, 25 new and 72 revised and changed UFGS were released. A complete listing of UFGS can be found at: http://www.wbdg.org/ccb/browse_cat.php?c=3

5.5 FY 2018 UFGS Projects

Architecture

- UFGS 08 81 00: Glazing
- UFGS 08 44 00: Curtain Wall and Glazed Assemblies
- UFGS 08 51 13: Aluminum Windows

Civil

- UFGS 32 31 13.53: High-Security Chain Link Fences and Gates
- UFGS 32 31 26: Wire Fences and Gates
- UFGS 32 84 24: Irrigation Sprinkler Systems
- UFGS 46 07 53.13: Packaged Wastewater Treatment Equipment Aeration
- UFGS 46 23 00: Grit Removal and Handling
- UFGS 46 25 14: Coalescing Vertical Tube Oil-water Separators
- UFGS 46 43 21: Circular Clarifier Equipment

Electrical

- UFGS 26 32 13.00 20: Single Operation Generator Sets

UFGS 26 32 14.00 10: Diesel-Generator Set, Stationary 15-300KW, Standby Applications
UFGS 26 32 15.00 10: Diesel-Generator Set Stationary 100-2500kw, with Auxiliaries
UFGS 33 82 00: Telecommunications outside Plant (OSP)
UFGS 26 35 43: 400-Hertz (Hz) Solid State Frequency Converter
UFGS 26 35 44.00 20: 270 V DC Power System

Fire Protection

UFGS 07 81 00: Spray-Applied Fireproofing
UFGS 07 84 00: Firestopping
UFGS 28 31 76: Interior Fire Alarm and Mass Notification System

Mechanical

UFGS 22 33 30.00 10: Solar Water Heating Equipment
UFGS 23 07 00: Thermal Insulation for Mechanical Systems
UFGS 23 54 19: Building Heating Systems, Warm Air
UFGS 23 81 23.00 20: Computer Room Air Conditioning Units
UFGS 33 51 15: Natural Gas/Liquid Petroleum Gas Distribution
UFGS 33 11 23: Natural Gas and Liquid Petroleum Piping
UFGS 23 00 00: Air Supply Dist Vent and Exhaust Systems
UFGS 23 09 23.01: LonWorks Digital Direct Controller for HVAC and other...
UFGS 23 09 23.13 20: BACNET Direct Digital Control Systems for HVAC
UFGS 23 09 13: Instrumentation and Control Devices for HVAC
TBD: Variable Refrigerant Flow (VRF) Air Conditioning and Heat Pump Equipment

Medical

UFGS 01 73 19: Installation of Government-Furnished Medical Equipment
UFGS 11 70 00: General Requirements for Medical and Dental Equip
UFGS 11 72 13: Medical Equip Misc
UFGS 13 17 43: Hydrotherapy Equip
UFGS 22 00 70: Plumbing, Health Care Facilities
UFGS 22 60 70: Gas and Vacuum Systems for Healthcare Facilities
UFGS 27 05 14.00 10: Cable Television Premises Dist. System
UFGS 27 51 16: Radio and Public Address Systems
UFGS 27 54 00.00 20: Community Antenna CATV
UFGS 11 74 00: Dental Equipment

Pavements/Airfields

UFGS 32 11 33: Cement Stabilized [Base] [Subbase] Course at Airfields and Roads
UFGS 32 11 36 13: Lean Concrete Base Course
UFGS 32 12 15.13: Hot Mix Asphalt Airfield Paving
UFGS 32 12 15.16: Warm Mix Asphalt Airfield Paving
UFGS 32 12 18: Resin Modified Pavement Surfacing Material
UFGS 32 12 19: Bituminous Binder and Wearing Courses (Central Plant Cold Mix)
UFGS 32 16 15: Concrete Block Pavements
UFGS 34 73 13: Mooring and Grounding Points for Aircraft
UFGS 32 12 22.00 10: Polymer Concrete-Micro-Overlay (PCMO) For Fuel and Abrasion Resistant Wearing Surfaces

Specifications

UFGS 01 14 00: Work Restrictions
UFGS 01 45 00.00 20: Quality Control
UFGS 01 45 00.10 20: Quality Control for Minor Construction

Sustainability

UFGS 01 33 29: Sustainability Reporting

Waterfront

UFGS 35 41 00: Levee Construction

UFGS 35 73 13: Embankment for Earth Dams

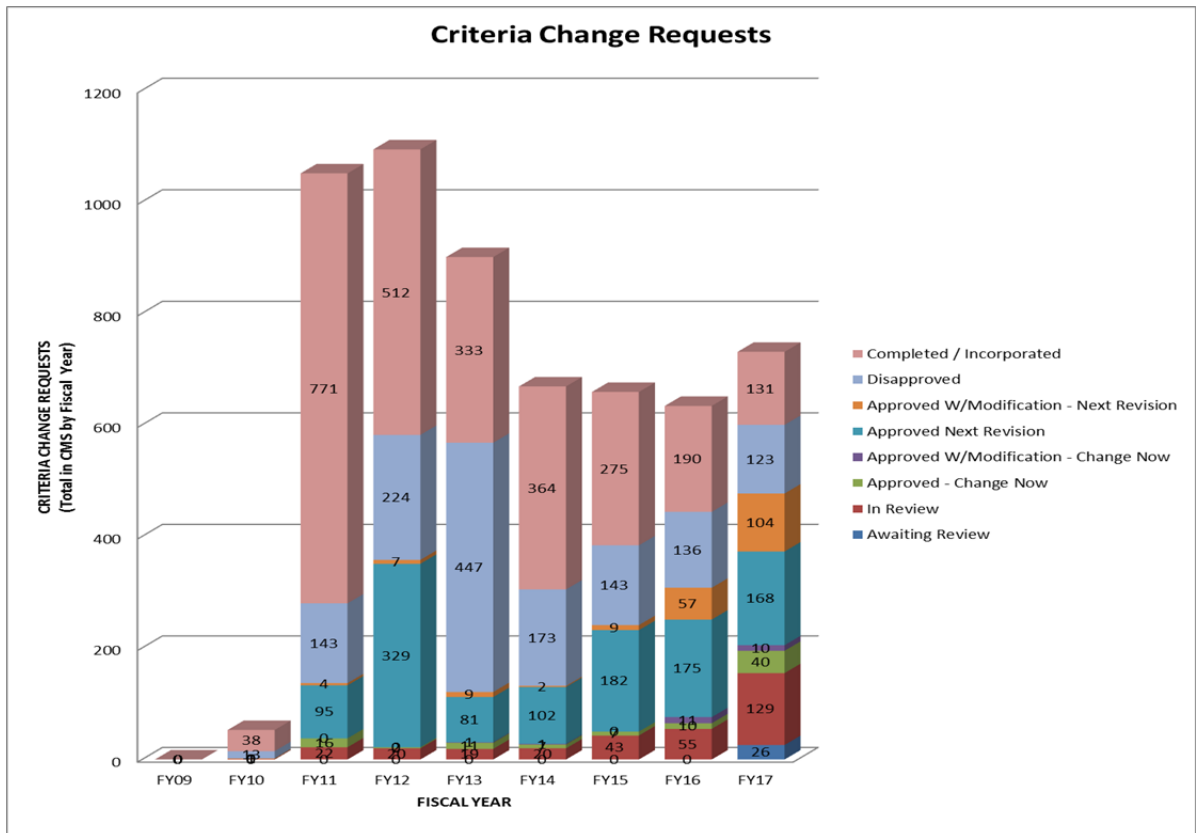
6 CRITERIA CHANGE REQUESTS (CCR)

6.1 Introduction

Criteria Change Requests (CCR) provide a process whereby users of UFC, FC, and UFGS can submit commentary on DoD criteria documents. Such commentary may warrant corrections to the documents that reflect lessons learned and/or current industry standards and work practices. Anyone with access to the internet may use Criteria Change Requests (CCR) to document and submit comments on UFC, FC, and UFGS. The CCR database was moved to the criteria management system in FY 2011 to improve working group notification, execution, and tracking of CCRs which had been all but nonexistent in prior years. The system has improved the CCR resolution immensely. The open nature of the CCR commenting system, technical requirements that may be associated with CCR resolution and resources necessary to update criteria documents, on average 600 to 700 CCR are actively under consideration in any one fiscal year. The disposition of CCRs by fiscal year is shown in Table 6-1.

6.2 CCR Status

CCR status provides a means to manage and track submitted CCRs until they are completed and incorporated into UFC, FC and UFGS documents or disapproved. Depending on the potential impact of approved CCRs, consideration is given to the urgency of the requested change. In some instances, the approved CCR change may occur quickly and necessary changes or revisions are made to UFC, FC or UFGS documents. In other instances, where the change is not urgent, but necessary, the CCR will be incorporated into the criteria documents at the next scheduled revision to the document during the normal revision cycle. Once reviewed and approved, a CCR remains in an 'Approved' status until it is incorporated into the criteria documents at which time it is marked 'Complete/Incorporated'.



**Figure 6-1
CCR Status FY 2009 - FY 2017**