

UFGS MASTER DATABASE TRACKING CHART

LEGEND:	
	URS ISC assigned NASA sections for editing
mm/dd/yy	Progress bar / Date of action or "-" for no response by deadline
##	URS ISC assigned DoD groups (sections) for editing. *** Not approved to proceed with editing.
	Task completed, section reviewed, QA'd, posted
	Recommended changes on Army and Navy sections related to CSI MF '04
	Action delayed, to be reviewed/resolved at next SICCCB meeting, *** More than 12 months

URS - ISC Engineering Services is a Government Contractor for NASA working out of the Kennedy Space Center who has been tasked to do the editing of all NASA specification sections since 1998. Upon NASA joining DoD as a participant of the Unified Facilities Guide Specifications (UFGS) and the tasking from DoD to assist in the editing of Army and Navy sections, it was determined that a method of tracking the status of a particular section was needed, thus the creation of this spreadsheet. Each of the active agencies have Technical Proponents (TP's) who meet called Design Working Groups (DWG). These people and groups are responsible for reviewing, commenting, editing and approving changes made to all specifications within the UFGS. This spreadsheet is used to know what sections are being edited, by who, and what the progress is based upon the date listed and graphically by the "red" progress bar. Listed below are all of the sections currently found within the UFGS, who the proponent (responsible agency) is, a comments column and then a series of steps required for posting for public use.

CURRENT UFGS MASTER DATABASE LISTINGS				REVIEW AND EDITING PROCESS			INCORPORATION STEPS					
MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
GROUP I	PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP			(NAME)	m/d/yr		m/d/yr	m/d/yr	m/d/yr	m/d/yr	m/d/yr	m/d/yr
DIVISION 00	PROCUREMENT AND CONTRACTING REQUIREMENTS											
00 01 15	LIST OF DRAWINGS	NAVFAC	01/07			Recommend renaming "List of Drawing Sheets", deleted references to diskettes						2/25/11
00 11 21	SUPPLEMENTAL INFORMATION FOR SUSTAINABLE DESIGN RFP'S	NASA	Pending	RLH	10/20/08	New section due to EPA FGS, completed 11/17 (07/23/09 - on hold)						
00 22 13	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	NAVFAC	08/08			reference update: modofied subpart 1.1						5/20/11
00 31 10	METRIC MEASUREMENTS	USACE	04/06			Recommend renaming and renumbering "01 49 19.15 10 METRIC MEASUREMENT REQUIREMENTS"						
00 41 00	BID SCHEDULES	NAVFAC	01/07			Recommend renaming "BID FORMS"						
00 73 01	SUPPLEMENTARY CONDITIONS FOR GUANTANAMO BAY PROJECTS	NAVFAC	08/08			Recommend removal of local specification from database - DWG approved removal on 5/2/07						8/15/08
00 73 03	SUPPLEMENTARY CONDITIONS FOR AZORES PROJECTS	NAVFAC	08/08			Recommend removal of local specification from database - DWG approved removal on 5/2/07						8/15/08
00 73 04	SUPPLEMENTARY CONDITIONS FOR PROJECTS IN THE MEDITERRANEAN AREA	NAVFAC	08/08			Recommend removal of local specification from database - DWG approved removal on 5/2/07						8/15/08
GROUP II	SPECIFICATIONS GROUP											
DIVISION 01	GENERAL REQUIREMENTS											
01 11 00	SUMMARY OF WORK	NAVFAC	01/08		10/20/08	deleted subpart 1.5.18:Commonwealth of Puerto Rico"; modified subparts 1.5.7 and 1.5.9						11/15/11
01 14 00	WORK RESTRICTIONS	NAVFAC	07/07			modified subparts 1.4.1.2,1.4.1.3,1.4.10, and 1.5.7						5/20/11
01 20 00.00 20	PRICE AND PAYMENT PROCEDURES	NAVFAC	07/06									11/15/11
01 20 01.00 10	COST AND PERFORMANCE REPORT	USACE	04/06									
01 22 00.00 10	MEASUREMENT AND PAYMENT	USACE	07/06			Recommend renaming "Unit Prices"						
01 30 00	ADMINISTRATIVE REQUIREMENTS	NAVFAC	08/08									11/15/11
01 32 01.00 10	PROJECT SCHEDULE	USACE	08/08									8/15/08
01 32 16.00 20	CONSTRUCTION PROGRESS DOCUMENTATION	NAVFAC	04/06									11/20/09
01 32 17.00 20	NETWORK ANALYSIS SCHEDULES (NAS)	NAVFAC	11/08									8/4/10
01 33 00	SUBMITAL PROCEDURES	NASA	05/11	RLH	1/15/12	Rev sbpt 1.4.1,1.4.3,1.11.4, loc of 01 33 16, CONSTRUCTION tailoring replaced w DESIGN-BID-BUILD, in Subparts 1.1.1.2,1.1.4.2, 1.4.6, 1.10.4.1,1.14.1.16					7/30/12	2/25/11
01 33 23.33	AVAIAION FUEL SYSTEM SPECIFIC SUBMITTAL REQUIREMENTS	USACE	02/10			NEW SECTION					2/10/10	2/26/10
01 33 29	LEED™ DOCUMENTATION	NAVFAC	07/06		12/2/08	Modified note before Part 1 and Subparts 1.3 and 1.3.1						5/12/12
01 35 13	SPECIAL PROJECT PROCEDURES	NAVFAC	07/06			deleted subpart 3.2.4 "Annual Pearl Harbor Hydrofest						11/15/11
01 35 26	GOVERNMENTAL SAFETY REQUIREMENTS	NAVFAC	11/08	RLH	12/3/08	Modified Subpart 1.7					8/3/12	2/15/12
01 35 29.13	HEALTH, SAFETY AND EMERGENCY RESPONSE PROCEDURES FOR CONTAMINATED SITES	USACE	01/08	RLH	12/4/08	Incorperating EPA FGS, completed redlines 12/4 (07/23/09 - on hold)						1/18/08
01 35 40.00 20	ENVIRONMENTAL MANAGEMENT	NAVFAC	07/06	RLH	12/4/08	Incorperating EPA FGS (07/23/09 - on hold) SRF UPDATE					2/10/10	2/26/10
01 35 45.00 10	CHEMICAL DATA QUALITY CONTROL	USACE	04/06									
01 42 00	SOURCES FOR REFERENCE PUBLICATIONS	USACE	11/08	RLH	11/26/08	Recommended to be renamed to REFERENCES						8/4/10
01 45 00.00 10	QUALITY CONTROL	USACE	02/10			NEW SECTION Supersedes 01 45 01 - USACE QUALITY CONTROL						2/26/10
01 45 00.00 20	QUALITY CONTROL	NAVFAC	02/10			Supersedes 01 45 02, added note before Part 1, modified spt 1.2, 1.4.1, 1.5.2.1, 1.6.1.1; remvd spt 1.16						11/15/11
01 45 00.00 40	QUALITY CONTROL	NASA	02/10	RLH	1/15/12	Tri-Annual Database Maintence completed	3/31/12	" "				5/12/12
01 45 00.10 10	QUALITY CONTROL SYSTEM (QCS)	USACE	01/08			Renumbered Section						2/26/10
01 45 00.10 20	QUALITY CONTROL FOR MINOR CONSTRUCTION	NAVFAC	11/08			Renumbered & Retitled Section						2/26/10
01 45 35	SPECIAL INSPECTION FOR SEISMIC-RESISTING SYSTEMS	USACE	08/08									8/15/08
01 50 00	TEMPORARY CONSTRUCTION FACILITIES AND CONTROLS	USACE	10/07			Updated by USACE - Project sign requirements						8/18/09
01 57 16	TEMPORARY PEST CONTROL	USACE	04/08									4/15/08
01 57 19.00 20	TEMPORARY ENVIRONMENTAL CONTROLS	NAVFAC	11/08			added note in spt 3.4.2.1					2/10/10	2/26/10
01 57 19.01 20	SUPPLEMENTAL TEMPORARY ENVIRONMENTAL CONTROLS	NAVFAC	08/08			SRF update; fixed general note, minor revisions					2/10/10	11/15/11
01 57 23	TEMPORARY STORM WATER POLLUTION CONTROL	USACE	04/08									4/15/08
01 58 00	PROJECT IDENTIFICATION	NAVFAC	08/08			Updated - Major Revisions						8/18/09
01 62 35	RECYCLED/RECOVERED MATERIALS	USACE	07/06									
01 73 19	INSTALLATION OF GOVERNMENT-FURNISHED MEDICAL EQUIPMENT	NAVFAC	04/06			Recommend renumbering and naming "02 42 72 Removal or Relocation of Government -Furnished Medical Eqpt"						
01 74 19	CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT	USACE	01/07									
01 75 00	STARTING AND ADJUSTING	NASA	10/06	RLH	1/15/12	Tri-Annual Database Maintenance completed, imperative language, minor changes	3/31/12	" "			8/3/12	5/12/12
01 78 00	CLOSEOUT SUBMITTALS	USACE	05/09			Added NAVFAC Sustainable & Energy Data Record Card (tailored)						8/25/11
01 78 23	OPERATION AND MAINTENANCE DATA	NAVFAC	07/06			Modified subparts 1.2,1.2.2,1.2.3,,1.2.4, and 1.4-g					8/3/12	
01 78 23.33	OPERATION AND MAINTENANCE MANUALS FOR AVIATION FUEL SYSTEMS	USACE				NEW SECTION					2/10/10	2/26/10
01 78 24.00 20	FACILITY ELECTRONIC OPERATION AND MAINTENANCE SUPPORT INFORMATION (eOMS)	NAVFAC	11/11			REV: Modified subparts 1.2.2-1.2.4,1.2.8,1.4.2,1.8.1,1.9.3,2.1.1.1-2.1.2.4					8/3/12	11/15/11
01 83 00.07 40	RELIABILITY CENTERED ACCEPTANCE FOR FACILITY SHELLS	NASA	02/12	RLH	11/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
01 83 13.07 40	R C A FOR SUPERSTRUCTURE PERFORMANCE REQUIREMENTS	NASA	02/12	RLH	11/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
01 86 12.07 40	R C A FOR MECHANICAL SYSTEMS	NASA	02/12	RLH	11/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
01 86 26.07 40	RCA FOR ELECTRICAL SYSTEMS	NASA	02/12	RLH	11/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
01 91 00	COMMISSIONING	NASA	NEW	RLH	11/7/11	New section due to EPA FGS based upon previous NAVFAC section (07/23/09 - on hold)						
DIV 02	EXISTING CONDITIONS											
02 01 50	OPERATION, MAINTENANCE AND PROCESS MONITORING FOR SOIL VAPOR EXTRACTION SYSTEMS	USACE	04/06			CSI Section format and submittal article configuration compliance						5/10/10
02 32 00	SUBSURFACE DRILLING, SAMPLING AND TESTING	USACE	04/06			CSI Section format and submittal article configuration compliance						5/10/10
02 35 27	SOIL-BENTONITE (S-B) SLURRY TRENCH	USACE	04/06			CSI Section format and submittal article configuration compliance						5/10/10
02 41 00	[DEMOLITION] AND [ DECONSTRUCTION]	USACE	10/06			CSI Section format and submittal article configuration compliance						5/10/10
02 42 51	CARPET REMOVAL AND RECLAMATION	NASA	02/12	RLH	11/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
02 42 91	REMOVAL AND SALVAGE OF HISTORIC BUILDING MATERIALS	USACE	04/06			CSI Section format and submittal article configuration compliance						5/10/10
02 51 13	PRECIPITATION / COAGULATION / FLOCCULATION WATER TREATMENT	USACE	10/07			CSI Section format and submittal article configuration compliance						5/10/10
02 53 13	REMEDATION OF CONTAMINATED SOILS AND SLUDGE'S BY INCINERATION	USACE	04/06			CSI Section format and submittal article configuration compliance						5/10/10
02 53 16	REMEDIAATION OF CONTAMINATED SOILS BY THERMAL DESORPTION	USACE	10/07			CSI Section format and submittal article configuration compliance						5/10/10
02 54 20	BIOREMEDIATION OF SOILS USING LAND FARMING SYSTEMS	USACE	10/07			recommend renumbering and renaming "02 54 19.13 Bioremediation Using Land farming" CSI Section Format					2/10/10	2/26/10
02 54 21	BIOREMEDIATION OF SOILS USING WINDROW COMPOSTING	USACE	10/07			recommend renumbering "02 54 19.16" CSI Section Format					2/10/10	2/26/10
02 54 23	SOIL WASHING THROUGH SEPARATION/SOLUBILIZATION	USACE	04/06			CSI Section Format					2/10/10	2/26/10
02 55 00	SOLIDIFICATION/STABILIZATION (S/S) OF CONTAMINATED MATERIAL	USACE	04/06			recommend renaming "Remediation Soil Stabilization" CSI Section Format					2/10/10	2/26/10
02 56 13	WASTE CONTAINMENT GEOMEMBRANE	USACE	10/07			recommend renumbering and naming "02 56 13.13 GEOMEMBRANE WASTE CONTAINMENT" CSI Section Format					2/10/10	2/26/10
02 56 14	CLAY BARRIER LAYER	USACE	04/06			recommend renumbering and naming "31 35 26.13 Clay Containment Barriers" CSI Section Format					2/10/10	2/26/10
02 56 15	GEOSYNTHETIC CLAY LINER (GCL)	USACE	04/06			recommend renumbering and naming "31 35 26.15 GEOSYNTHETIC Clay Liner (GCL)" CSI Section Format					2/10/10	2/26/10
02 61 13	EXCAVATION AND HANDLING OF CONTAMINATED MATERIAL	USACE	04/06			CSI Section Format					2/10/10	2/26/10

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
02 61 23	REMOVAL AND DISPOSAL OF PCB CONTAMINATED SOILS	NAVFAC	04/06			recommend renaming						
02 62 16	COMMISSIONING AND DEMONSTRATION FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE	10/07			recommend renumbering "02 62 08" CSI Section Format					2/10/10	2/26/10
02 65 00	UNDERGROUND STORAGE TANK REMOVAL	USACE	08/08			CSI Section Format					2/10/10	2/26/10
02 66 00	SELECT FILL AND TOPSOIL FOR LANDFILL COVER	USACE	04/06			CSI Section Format					2/10/10	2/26/10
02 66 10	TEST FILL	USACE	04/06			CSI Section Format					2/10/10	2/26/10
02 81 00	TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS	USACE	04/06			CSI Section Format					2/10/10	2/26/10
02 82 14.00 10	ASBESTOS HAZARD CONTROL ACTIVITIES	USACE	04/06			recommend renumbering and naming "02 82 13.00 10 Asbestos Remediation" CSI Section Format					2/10/10	2/26/10
02 82 16.00 20	ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS	NAVFAC	04/06			modified references in subparts 1.2.2.1,2.2.4, and 1.3.6					2/10/10	8/25/11
02 82 33.13 20	REMOVAL / CONTROL AND DISPOSAL OF PAINT WITH LEAD	NAVFAC	04/06			modified reference in subpart 1.5.2.6T					2/10/10	8/25/11
02 83 13.00 20	LEAD IN CONSTRUCTION	NAVFAC	04/06			recommend renaming "Lead Hazard Control Activities", modified reference in subpart 1.5.2.6						8/25/11
02 83 19.00 10	LEAD BASED PAINT HAZARD ABATEMENT,TARGET HOUSING&CHILD OCCUPIED FACILITIES	USACE	04/06			recommend renaming CSI Section Format					2/10/10	2/26/10
02 84 16	HANDLING OF LIGHTING BALLASTS AND LAMPS CONTAINING PCBs AND MERCURY	NAVFAC	04/06			Being worked on by Electrical DWG						
02 84 33	REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBs)	NAVFAC	04/06									
02 85 00.00 20	MOLD REMEDIATION	NAVFAC	11/10			Modified General Note, subpart 1.2.16 and Appendix B, Note C						5/20/11
DIV 03	CONCRETE											
03 01 30	RESTORATION OF CONCRETE IN HISTORIC STRUCTURES	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 01 30.71	CONCRETE REHABILITATION	NAVFAC	04/06									
03 01 32	CONCRETE REHABILITATION FOR CIVIL WORKS	USACE	04/06			Extensive reformat for conformance with CSI Section Format						11/20/09
03 11 13.00 10	STRUCTURAL CAST-IN-PLACE CONCRETE FORMING	USACE	04/06			Title Change to conform with CSI Guidelines						8/4/10
03 11 19.00 10	INSULATING CONCRETE FORMING	USACE				NEW SECTION						2/15/12
03 15 00.00 10	CONCRETE ACCESSORIES	USACE	04/06			Merged 03 15 13.00 10 and 03 15 14.00 10 into New Section,title and number per CSI						8/4/10
03 20 00.00 10	CONCRETE REINFORCING	USACE	10/07			Renamed tper CSI - "03 20 00.00 10 - CONCRETE REINFORCING"						8/4/10
03 23 00	STEEL STRESSING TENDONS AND ACCESSORIES FOR PRESTRESSED CONCRETE	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 30 00	CAST-IN-PLACE CONCRETE	NAVFAC	01/08			Modified note in spt 2.4.10.1, modified spts 2.3.4.1, 2.4.6,2.4.10.1, 2.6.2, 3.7.2, 3.3.9, 3.8.3,3.8.6,3.8.9, removed note,						11/15/11
03 30 00.00 10	CAST-IN-PLACE CONCRETE	USACE	11/10			Disassembly and renaming that supercedes UFGS 03 31 00.00 10						
03 30 53	MISCELLANEOUS CAST-IN-PLACE CONCRETE	USACE	04/08									4/15/08
03 31 00.00 10	CAST-IN-PLACE STRUCTURAL CONCRETE	USACE	11/10			Disassembled, superseded by UFGS 03 30 00.00 10, 03 35 00.00 10, and 03 39 00.00 10						11/10/10
03 31 01.00 10	CAST-IN-PLACE STRUCTURAL CONCRETE FOR CIVIL WORKS	USACE	11/10			Transferred curing and finsihing paragraphs to UFGS 03 39 00.00 10 and 03 35 00.00 10						11/10/10
03 31 29	MARINE CONCRETE	NAVFAC	04/07			REV: Major revision					8/3/12	2/26/10
03 35 00.00 10	CONCRETE FINISHING	USACE	11/10			NEW SECTION						11/10/10
03 37 00	PREPLACED-AGGREGATE CONCRETE	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 37 13	SHOTCRETE	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 37 23	ROLLER-COMPACTED CONCRETE FOR MASS CONCRETE CONSTRUCTION	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 37 29	CONCRETE FOR CONCRETE CUTOFF WALLS	USACE	04/06			Compliance with CSI Section Format						11/20/09
03 39 00.00 10	CONCRETE CURING	USACE	11/10			NEW SECTION						11/11/10
03 40 00.00 10	PLANT-PRECAST CONCRETE PRODUCTS FOR BELOW GRADE CONSTRUCTION	USACE	08/06									8/1/06
03 41 16.08	PRECAST CONCRETE SLABS (MAX. 8'-0" O.C.)	NASA	11/08	D Smith	3/12/10	REV: Superseding 03 41 16, renumbered, revised throughout, Tri-Annual DBM completed	4/5/12	4/12/12			7/12/12	11/14/08
03 41 33	PRECAST STRUCTURAL PRETENSIONED CONCRETE	NASA	02/11	J.Rosewall	6/11/12	Incorporated Tri-Annual Database Maintenance, CSI-UFC Section Format, Submittal Article cleaned up					7/12/12	2/25/11
03 45 00	PRECAST ARCHITECTURAL CONCRETE	NAVFAC	08/08			Modified subpart 2.5.16						11/15/11
03 45 33	PRECAST [PRESTRESSED] STRUCTURAL CONCRETE	NAVFAC	04/08			recommend renaming "Precast Architectural Pretensioned Concrete"						4/15/08
03 47 13	TILT-UP CONCRETE	NASA	08/08	RLH	11/21/11	Incorporated Tri-Annual Database Maintenance, CSI-UFC Section Format, Submittal Article cleaned up					7/12/12	8/15/08
03 51 01	PRECAST ROOF DECKING	USACE	01/08									1/18/08
03 52 00	LIGHTWEIGHT CONCRETE ROOF INSULATION	NAVFAC	04/08			Removed subpart 3.6.2						8/25/11
03 52 16	LIGHTWEIGHT INSULATING CONCRETE	USACE	04/06									4/15/08
03 52 16.19	LIGHTWEIGHT INSULATING CONCRETE OVERLAY	NAVFAC	08/08			Removed subpart 3.6.2						8/25/11
03 53 14.00 20	LIGHT REFLECTIVE NONFERROUS METALLIC AGGREGATE FLOOR SYSTEM	NAVFAC	04/06			SRF update, removed ref IESNA LM-44					2/10/10	2/26/10
03 55 16	GYPSUM CONCRETE FLOOR PLANKS	USACE	04/08									4/15/08
03 62 16	METALLIC NON-SHRINK GROUTING	NASA	02/12	RLH	10/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.3-SUBMITTALS, minor revision						2/15/12
03 70 00	MASS CONCRETE	USACE	04/06			CSI Section Format					2/10/10	2/26/10
DIV 04	MASONRY											
04 01 20	REHABILITATION OF REINFORCED AND UNREINFORCE MASONRY WALLS USING FRP COMPOSITE STRUCTURAL REPOINTING	USACE	10/07			recommend renumbering and naming "04 01 20.94 Unit Masonry Restoration Using FRP Rod and Shapes"						10/12/07
04 01 21	REHABILITATION OF REINFORCED AND UNREINFORCE MASONRY WALLS USING SURFACE APPLIED FRP COMPOSITES	USACE	10/07			recommend renumbering and naming "04 01 20.95 Unit Masonry Restoration Using FPR Sheet Systems"						10/12/07
04 01 00.91	RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES	USACE	11/09			Compliance with CSI MasterFormat Section Numbering, includes major revision of the Section						5/12/12
04 20 00	MASONRY	USACE	02/11			Added single wythe masonry wall water penetration test ccr 299						2/25/11
04 21 13.13	NONBEARING MASONRY VENEER/STEEL STUB WALLS	USACE	10/07			recommend renumbering and naming "04 25 13 Metal-Supported Unit Masonry Panels"						10/12/07
04 21 26	GLAZED STRUCTURAL CLAY TILE AND PREFACED CONCRETE MASONRY UNITS	USACE	04/06			Compliance with CSI Section Format						11/20/09
04 23 00	GLASS MASONRY UNITS	USACE	04/06			Compliance with CSI Section Format						11/20/09
DIV 05	METALS											
05 05 23	WELDING, STRUCTURAL	USACE	11/08									11/14/08
05 05 23.13 10	ULTRASONIC INSPECTION OF WELDMENTS	USACE	11/08									11/14/08
05 12 00	STRUCTURAL STEEL	NAVFAC	10/07			modified subparts 1.6.2.1, 2.2.4.1,3.2.1,,3.3,3.9.3,3.9.4.2					8/3/12	11/15/11
05 14 00.13	WELDING STRUCTURAL ALUMINUM FRAMING	NASA	11/10	RLH	12/29/08	Incorporated Tri-Annual Database Maint., CSI-UFC Sectn Format, Sub Article cleaned up					7/12/12	11/10/10
05 21 13	DEEP LONGSPAN STEEL JOIST FRAMING	USACE	07/07			Updated-CSI Section Format						8/18/09
05 21 16	LONGSPAN STEEL JOIST FRAMING	NAVFAC	07/07			Updated-CSI Section Format						8/18/09
05 21 19	OPEN WEB STEEL JOIST FRAMING	USACE	07/07									7/15/07
05 21 23	STEEL JOIST GIRDER FRAMING	NAVFAC	07/07									7/15/07
05 30 00	STEEL DECKS	NAVFAC	07/06			Removed subparts2.3.3 Open Beam...and 3.3 Joint Sealing for Roof Decks, modified sbpt 3.2.4.6					8/3/12	11/15/11
05 40 00	COLD-FORMED METAL FRAMING	NAVFAC	04/06			Modified subpts 1.2(SD-07), 1.3,1.6,2.1,2.1.1,2.1.2,3.2; removed 2.4 "Paint".					8/3/12	5/10/10
05 50 13	MISCELLANOUS METAL FABRICATIONS	NAVFAC	08/08			Revised note #4 before part 1, para 2.1.7.5 and 2.1.7.6; other minor revisions throughout						5/10/10
05 50 14	STRUCTURAL METAL FABRICATIONS	USACE	11/08									8/15/08
05 50 15	CIVIL WORKS FABRICATIONS	USACE	08/08									8/15/08
05 51 00	METAL STAIRS	NASA	02/12	RLH	10/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.2-SUBMITTALS, article compliance						2/15/12
05 51 33	METAL LADDERS	NAVFAC	08/08			Revised para 3.3; other minor revisions throughout						5/10/10
05 59 10	ROLLING COVER FOR AVIATION REFUELING VAULTS	USACE				Revised para 3.3; other minor revisions throughout					2/10/10	2/26/10
05 59 13	FABRICATION OF HYDRAULIC STEEL STRUCTURES	USACE										8/18/09
05 52 00	METAL RAILINGS	NASA	02/11	RLH	12/30/08	Incorporated Tri-Annual Database Maintenance, Submittal Article cleaned up					6/29/12	2/25/11
05 72 00	DECORATIVE METAL SPECIALTIES	NASA	02/12	RLH	10/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.2-SUBMITTALS, article compliance						2/15/12
DIV 06	WOOD, PLASTICS, AND COMPOSITES											

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
06 10 00	ROUGH CARPENTRY	NAVFAC	11/08			Modified subparts 1.8, 2.6, and 2.6.6						2/15/12
06 13 33	PIER TIMBERWORK	NAVFAC	05/03			recommend renaming "Heavy Timber Pier Construction"						
06 18 00	GLUE-LAMINATED CONSTRUCTION	NASA	11/08	RLH	1/5/09	Standard Tri-Annual Maintenance completed,	3/10/09				5/6/09	5/18/09
06 20 00	FINISH CARPENTRY	NAVFAC	08/08			Modified subparts 2.5.2						2/15/12
06 41 16.00 10	LAMINATE-CLAD ARCHITECTURAL CASEWORK	USACE	04/06			recommend "06 41 16 Plastic Laminate Clad Architectural Casework" Added GEI or SCS certification						8/4/10
06 61 16	SOLID POLYMER (SOLID SURFACING) FABRICATIONS	USACE	04/06			recommend renaming "Solid Surfacing Fabrications" Added GEI or SCS certification						8/4/10
06 71 33	FIBERGLASS REINFORCED PLASTIC (FRP) LADDERS	NASA	02/11	RLH	3/9/12	Incorp. Tri-Annual Database Maintenance, Subpart 1.2-SUBMITTALS, modified language in subparts 1.3-3.6	3/31/12					5/12/12
06 73 01	FIBERGLASS REINFORCED PLASTIC (FRP) GRATING	NASA	02/12	RLH	10/7/11	Incorporating Tri-Annual Database Maintenance, Subpart 1.2-SUBMITTALS, article compliance,subpt 1.5						2/15/12
06 82 14	FIBERGLASS REINFORCED PLASTIC (FRP) PIPE AND TUBE RAILINGS	NASA	02/12	RLH	10/7/11	Minor revisions	3/31/12					5/12/12
DIV 07	THERMAL AND MOISTURE PROTECTION											
07 11 13	BITUMINOUS DAMP PROOFING	NAVFAC	04/06			references in subpart 2.6.1						8/25/11
07 12 00	BUILT-UP BITUMINOUS WATERPROOFING	NAVFAC	04/06									
07 13 53	ELASTOMERIC SHEET WATERPROOFING	NAVFAC	04/06									
07 14 00	FLUID-APPLIED WATERPROOFING	NAVFAC	04/06			Modified subparts 1.2, 3.6 and Form1, added 3.5						2/15/12
07 16 19	METALLIC OXIDE WATERPROOFING	NAVFAC	01/07									
07 17 00	BENTONITE WATERPROOFING	NAVFAC	04/06									
07 19 00	WATER REPELLENTS	NAVFAC	04/06			reference update, modified subpart2.3.1 through 2.3.4						5/20/11
07 21 13	BOARD AND BLOCK INSULATION	NAVFAC	04/06			recommend renaming "Board Insulation" reference update, modified subpart 2.1.2						5/20/11
07 21 16	MINERAL FIBER BLANKET INSULATION	NAVFAC	04/06			modified subpart 2.2						11/15/11
07 21 23	LOOSE- FILL THERMAL INSULATION	NAVFAC	04/06			recommend renaming "Loose-Fill Insulation" ; reference update, modified subpart 2.1						5/20/11
07 22 00	ROOF AND DECK INSULATION	NAVFAC	11/08			modified subparts 1.2, 2.1.1,2.1.3, 3.1.1; added subparts 1.4.4, 1.4.5 and 2.2.2						8/25/11
07 24 00	EXTERIOR INSULATION AND FINISH SYSTEMS	NAVFAC	08/08			reference update, modified subpart 1.4						5/20/11
07 27 00.45 10	BUILDING AIR BARRIER SYSTEM	USACE	05/12			NEW SECTION						5/12/12
07 31 13	ASPHALT SHINGLES	NAVFAC	04/06			Added subpart 1.6, modified subpart 2.1.1						11/15/11
07 31 26	SLATE ROOFING	USACE	04/06			recommend renaming "Slate Shingles" Updated-CSI Section Format						8/18/09
07 32 13	ROOF TILES	NAVFAC	04/06			recommend renumbering "07 32 00"						
07 32 14	CLAY TILE ROOFING REPLACEMENT OR REPAIR	NAVFAC	04/06									
07 41 13	METAL ROOF PANELS	NAVFAC	11/08			reference updates, modified General Note, subparts 1.2.1 and 2.2						5/20/11
07 41 63	FABRICATED ROOF PANEL ASSEMBLIES	NASA	05/09	RLH	7/21/12	Tri-annual DBM, minor revisions, submittal subpoart cleanup.					7/23/12	5/20/11
07 42 13	METAL WALL PANELS	NAVFAC	11/10			Minor revisions throughout						11/10/10
07 42 63	FABRICATED WALL PANEL ASSEMBLIES	NAVFAC	01/08			Added GEI or SCS certification and other minor revisions						8/4/10
07 51 13	BUILT-UP ASPHALT ROOFING	NAVFAC	02/12			Modified Subpart1.4.4						5/12/12
07 52 00	MODIFIED BITUMINOUS MEMBRANE ROOFING	NAVFAC	11/08			Major Revision						5/12/12
07 53 23	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	NAVFAC	11/08			Major Revision						5/12/12
07 54 19	POLYVINYL CHLORIDE (PVC) ROOFING	USACE	11/08									11/14/08
07 55 00	PROTECTED MEMBRANE ROOFING	USACE	04/06			Updated-CSI Section Format						8/18/09
07 57 13	SPRAYED POLYURETHANE FOAM (SPF) ROOFING	NAVFAC	04/06			reference update, modified tables in subparts 2.2.3 and 2.2.4						5/20/11
07 60 00	FLASHING AND SHEET METAL	NAVFAC	08/08									8/15/08
07 61 01	COPPER ROOF SYSTEM	USACE	04/06			Updated-CSI Section Format						8/18/09
07 61 14.00 20	STEEL STANDING SEAM ROOFING	NAVFAC	04/06			reference updates, modified notes in subparts 1.3.2.1,1.3.2.2,1.3.2.3, 1.6.6, modified subparts 1.6.6 and 2.3						5/20/11
07 61 15.00 20	ALUMINUM STANDING SEAM ROOFING	NAVFAC	04/06			reference updates, modified notes in subparts 1.3.2.1, and 2.5.3						5/20/11
07 62 10	COPPER SHEET METAL FLASHING	USACE	04/04			Updated-CSI Section Format						8/18/09
07 72 00	ROOF VENTILATORS, GRAVITY-TYPE	USACE	04/06			recommend renumbering "07 72 29" Updated-CSI Section Format						8/18/09
07 81 00	SPRAY-APPLIED FIREPROOFING	USACE	04/06			CCR447 added spray applied IECS with tailoring						2/25/11
07 84 00	FIRESTOPPING	USACE	10/07			CSI Section format and submittal article configuration compliance						5/10/10
07 92 00	JOINT SEALANTS	NAVFAC	01/07									1/12/07
DIV 08	OPENINGS											
08 11 13	STEEL DOORS AND FRAMES	NAVFAC	08/08			recommend renaming "Hollow Metal Doors and Frames" SRF Update and minor revisions					2/10/10	2/26/10
08 11 16	ALUMINUM DOORS AND FRAMES	NAVFAC	08/08									8/15/08
08 11 69	METAL STORM DOORS	NAVFAC	04/06			recommend renaming " Metal Storm Doors and Frames" SRF Update removed AAMA 1102.7					2/10/10	2/26/10
08 11 73	SLIDING FIRE DOORS	NAVFAC	01/07			recommend renaming "Sliding Metal Fire Doors"						
08 13 73	SLIDING METAL DOORS	USACE	01/08			Incorporated recommended tecnology under CCR 437						2/25/11
08 14 00	WOOD DOORS	NAVFAC	07/06			modified references. other minor revisions in subparts 1.2,1.3,1.6, 2.1, 2.1.2.2,2.1.7,2.3.6.4,2.3.7, and 3.1.1, added 1.4						8/25/11
08 22 20	FIBERGLASS REINFORCED PLASTIC (FRP) DOORS AND FRAMES	NASA	05/09	RLH	10/7/11	Incorporating Standard Maintenance, New Section format, corrections to grammer, Submittal Subpt cleaned up					7/24/12	5/18/09
08 32 13	ALUMINUM SLIDING GLASS DOORS	NAVFAC	11/08			recommend renaming "Sliding Aluminum Framed Glass Doors"						11/14/08
08 33 13	METAL ROLLING COUNTER DOORS	USACE	07/07			Updated para. LOCKS					8/3/12	5/18/09
08 33 23	OVERHEAD COILING DOORS	NASA	07/07	JSY	12/3/08	Maintenance, returned to RLH for draft QA 12/16/08 , withdrawn fromTP,complete re-write, w reply to CCR 2779,						6/12/07
08 34 01	FORCED ENTRY RESISTANT COMPONENTS	USACE	04/06			recommend renumbering "08 34 54" Updated-CSI Section Format						8/18/09
08 34 02	BULLET-RESISTANT COMPONENTS	USACE	04/06			recommend renumbering "08 39 55" Updated-CSI Section Format						8/18/09
08 34 16	CORROSION CONTROL HANGER DOORS	NAVFAC	04/06									
08 34 16.10	VERTICAL LIFT FABRIC DOORS	NAVFAC	10/06			Modified subparts 1.4.1, 1.5.1, 1.5.3; document release 07/12					8/3/12	10/24/06
08 34 16.20	STEEL SLIDING HANGAR DOORS	NAVFAC	04/06									
08 34 19.10 20	ROLLING SERVICE [AND FIRE] DOORS	NAVFAC	04/06			Modified subparts 1.2 (notes), 2.1, 2.2, 2.2.1-2.2.7, 2.3, 2.3.1-2.3.3, 2.4, 2.4.1-2.4.6, 2.5, 2.5.2, 2.6; added 2.1.1						2/15/12
08 34 49.00 20	HEMP SHIELDED DOOR	NAVFAC	04/06									
08 34 53	SECURITY DOORS AND FRAMES	USACE	08/08									8/15/08
08 34 59	VAULT DOORS AND DAY GATES	USACE	08/08									8/15/08
08 34 63	DETENTION HOLLOW METAL FRAMES, DOORS, AND DOOR FRAMES	NAVFAC	04/06			recommend renaming "Detention Doors and Frames", per CSI. Reference update; modified subpart 2.1.2						5/20/11
08 34 73	SOUND CONTROL DOOR ASSEMBLIES	NASA	11/09	BH	10/31/11	Standard Tri-Annual Maintenance completed, Includes UFC/CSI Section Format update	2/29/12					5/12/12
08 36 13	SECTIONAL OVERHEAD DOORS	NAVFAC	07/06			recommend rename "Sectional Doors"; modified subparts 2.1.7, 2.2, 2.3, 2.4.1, 2.4.1.1, 2.4.5, 2.6.1, 2.6.4, 2.7, 2.8						8/25/11
08 36 19	VERTICAL LIFT DOORS	NAVFAC	04/06			recommend renaming "Multi-Lift Vertical Lift Doors", modified spts.2.2,2.4,2.4.2,2.4.4,2.5, and 3.1.1						11/15/11
08 39 53	BLAST RESISTANT DOORS (OVAL ARCH MAGAZINES)	NAVFAC	04/06			recommend renumbering "08 39 53.30"						
08 39 54	BLAST- RESISTANT DOORS	USACE	04/06			recommend renumbering "08 39 53"						8/18/09
08 41 13	ALUMINUM FRAMED ENTRANCES AND STOREFRONTS	NASA	02/11	RLH	7/25/12	New Section Format per UFC 1-300-02 APPLIED. No technical content changes					7/25/12	2/25/11
08 44 00	CURTAIN WALL AND GLAZED ASSEMBLIES	NAVFAC	04/08			modified references in subparts 2.1.3, 2.4.5, and 2.8.4						8/25/11
08 51 13	ALUMINUM WINDOWS	NAVFAC	01/08			Major Revision,; modified General Note, subparts 1.3,1.11,2.1 and 2.2; removed 1.91						5/20/11
08 51 23	STEEL WINDOWS	NAVFAC	11/08			modified references in subpart 2.7.2						8/25/11
08 51 69.10	ALUMINUM STORM WINDOWS	NAVFAC	04/06			Being edited and merged by USACE PDC						
08 52 00	WOOD WINDOWS	NAVFAC	07/06			modified reference in 2.2						8/25/11
08 52 70	WOOD WINDOWS - REPAIR AND REHABILITATION	USACE	04/06			Updated-CSI Section Format						8/18/09
08 53 00	PLASTIC WINDOWS	NAVFAC	07/06			modified subpart 2.4.9.2; modified reference in subparts 1.2,1.3.1,1.3.2,,2.1,2.2.1,2.3.1,2.4,2.4.5						8/25/11

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08 56 46.10 20	RADIO FREQUENCY INTERFERENCE SHIELDED ENCLOSURES, DEMOUNTABLE TYPE	NAVFAC	04/06			modified subpart 2.1.1						8/25/11
08 56 46.20 20	RADIO-FREQUENCY-INTERFERENCE SHIELDED ENCLOSURES , WELDED TYPE	NAVFAC	04/06			modified references in subparts 2.2.1 and 2.10						8/25/11
08 56 53	BLAST-RESISTANT TEMPERED GLASS WINDOWS	NAVFAC	04/06			modified subpart 2.5.10						8/25/11
08 56 63	DETENTION AND SECURITY WINDOWS	NAVFAC	04/06			recommend renaming "Detention Windows"						
08 60 45	[SKYLIGHTS][AND][TRANSLUCENT PANELS]	USACE				Supersedes UFGS 08 62 00						2/15/12
08 71 00	DOOR HARDWARE	NAVFAC	08/08									8/15/08
08 71 63	DETENTION HARDWARE	NAVFAC	04/06			recommend renaming "Detention Door Hardware"						
08 71 63.10	ELECTRICAL LOCKING CONTROL FOR BRIGS	NAVFAC	04/06			recommend renumbering and naming "28 13 33.18 ACCESS CONTROL INTERFACES FOR BRIGS (ELECTRONIC)"						
08 81 00	GLAZING	NAVFAC	08/08			recommend renaming "Glass Glazing", modified subpart 2.4.8					8/3/12	8/25/11
08 87 16	FRAGMENT RETENTION FILM FOR GLASS	USACE	04/06			recommend renaming "Fragment Retention Safety Films" Updated-CSI Section Format						8/18/09
08 88 53	DETENTION AND SECURITY GLAZING	NAVFAC	04/06			recommend renaming "Security Glazing"; reference update, modified note in subpart 1.5						5/20/11
08 91 00	METAL [WALL] [AND] [DOOR] LOUVERS	NAVFAC	08/08			recommend renaming "Louvers", reference update, modified subpart 2.1.5						5/20/11
DIV 09	FINISHES											
09 06 90	COLOR SCHEDULE	USACE	04/06			recommend renaming "Schedules for Painting and Coating", Modified for compliance with CSI Section Format						5/18/09
09 22 00	SUPPORT FOR PLASTER AND GYPSUM BOARD	NAVFAC	01/08			SRF Update, Replaced reference to P-355 with UFC 3-310-04					2/10/10	2/26/10
09 22 36	LATH	NAVFAC	01/08									1/18/08
09 23 00	GYPSUM PLASTER	NAVFAC	01/08			Added GEI or SCS certification and other minor revisions						8/4/10
09 23 82	FIREPROOF GYPSUM PLASTERING	NASA	05/10	RLH	7/24/12	Revised General Note: Submittal article configuration compliance, Updated Section Format					7/24/12	5/10/10
09 24 23	STUCCO	USACE	04/06			recommend renaming "Portland Cement Stucco", Modified for compliance with CSI Section Format						5/18/09
09 26 00	VENEER PLASTER	NAVFAC	04/06			reference update, modified subpart 2.1.3 and 2.1.4						5/20/11
09 29 00	GYPSUM BOARD	NAVFAC	10/06			reference update; modified subparts 2.1.3(note),2.1.6,2.1.8,3.2.9 (note)						5/20/11
09 30 00	CERAMIC TILE, QUARRY TILE, AND PAVER TILE	USACE	01/07			recommend renaming "Tiling" Added GEI or SCS certification						8/4/10
09 35 16	CHEMICAL-RESISTANT QUARRY TILE	USACE	04/06			Added GEI or SCS certification						8/4/10
09 51 00	ACOUSTICAL CEILINGS	USACE	10/07			Added GEI or SCS certification, CCRS						8/4/10
09 64 00	PORTABLE (DEMOUNTABLE) WOOD FLOORING	NAVFAC	04/06			recommend renaming "Wood Flooring" Added GEI or SCS certification						8/4/10
09 64 23	WOOD PARQUET FLOORING	USACE	04/06			Added GEI or SCS certification						8/4/10
09 64 29	WOOD STRIP FLOORING	USACE	10/06			recommend renaming "Wood Strip and Plank Flooring" Added GEI or SCS certification						8/4/10
09 64 66	WOOD ATHLETIC FLOORING	NAVFAC	04/06			Added GEI or SCS certification						8/4/10
09 65 00	RESILIENT FLOORING	USACE	01/07			Added GEI or SCS certification						8/4/10
09 65 33	CONDUCTIVE VINYL FLOORING	USACE	08/10			Superseded by UFGS 09 65 36						11/10/10
09 65 36	STATIC-CONTROL RESILIENT FLOORING	USACE	11/10			Supersedes UFGS 09 65 33						11/10/10
09 65 66	RESILIENT ATHLETIC FLOORING	USACE	04/06			Added GEI or SCS certification						8/4/10
09 66 13	PORTLAND CEMENT TERRAZZO	USACE	04/06			Added GEI or SCS certification						8/4/10
09 66 16	TERRAZZO TILE	USACE	04/06			recommend renaming "Terrazzo Floor Tile", Added GEI or SCS certification						8/4/10
09 66 23	RESINOUS TERRAZZO FLOORING	USACE	04/06			recommend renaming "Resinous Matrix Terrazzo Flooring", Added GEI or SCS certification						8/4/10
09 67 23.13	STANDARD RESINOUS FLOORING	NASA	08/10	RLH	2/10/10	Revised per comments, changed format to CSI/UFC					7/25/12	8/4/10
09 67 23.14	CHEMICAL RESISTIVE RESINOUS FLOORING	USACE	04/08			Added GEI or SCS certification						8/4/10
09 67 23.15	FUEL RESISTIVE RESINOUS FLOORING, 3-COAT SYSTEM	NAVFAC	08/08			Revised Tenant Topcoat info in Table II					2/10/10	8/4/10
09 67 23.16	FUEL RESISTIVE RESINOUS FLOORING, 5-COAT SYSTEM	NAVFAC	08/08			Revised Tenant Topcoat info in Table II					2/10/10	8/4/10
09 68 00	CARPET	USACE	01/07			(recommend renaming "Carpeting") CSI Section format and submittal article configuration compliance						5/10/10
09 69 13	RIGID GRID ACCESS FLOORING	USACE	11/10			Updated criteria for applying loads allowed, deflection, size of panels, coincide w industry						11/10/10
09 69 19	STRINGERLESS ACCESS FLOORING	USACE	11/10			Updated criteria for applying loads allowed, deflection, size of panels, coincide w industry						11/10/10
09 72 00	WALL COVERINGS	USACE	07/06			Added GEI or SCS certification						8/4/10
09 83 13	ACOUSTICAL WALL TREATMENT	USACE	04/06			recommend renaming "Acoustic Wall Coating", Added GEI or SCS certification						8/4/10
09 90 00	PAINTS AND COATINGS	NAVFAC	05/11			modified subpart 3.2 and 3.5.3						5/20/11
09 96 00	HIGH-PERFORMANCE COATINGS	NASA	07/07	RLH	12/3/08	Incorporating Standard Maintenance , assigned to Steve Scott,						7/15/07
09 96 59	HIGH-BUILD GLAZE COATINGS	NAVFAC	04/06			modified subparts 2.1.3 and 2.3.1						5/20/11
09 97 01.00 10	METALLIZING: HYDRAULIC STRUCTURES	USACE	04/06			recommend renumbering/renaming "09 97 17.30 10 Metallic Coatings for Hydraulic Structures", CSI Section Format						5/18/09
09 97 02	PAINTING: HYDRAULIC STRUCTURES	USACE	04/06			updated paint systems						11/20/09
09 97 13.00 40	STEEL COATINGS	NASA	07/07	RLH	12/3/08	Merge this section into NAVFAC 09 97 13.27. 2nd round Comments being implemented.						7/15/07
09 97 13.15	EPOXY FLUOROURETHANE INTERIOR COATING WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	01/07			SRF Update						2/26/10
09 97 13.16	INTERIOR COATING OF WELDED STEEL WATER TANKS	NAVFAC	01/07			reference update; modified General Note						5/20/11
09 97 13.17	THREE COAT EPOXY INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	01/07			SRF Update						2/26/10
09 97 13.25	MAINTENANCE, REPAIR, AND COATING OF TALL ANTENNA TOWERS	NAVFAC	04/06			SRF Update						2/26/10
09 97 13.26	COATING OF STEEL WATERFRONT STRUCTURES	NAVFAC	04/06			reference update; modified note in subpart 3.1.4						5/20/11
09 97 13.27	EXTERIOR COATING OF STEEL STRUCTURES	NAVFAC	01/07			SRF Update						2/26/10
09 97 13.28	PROTECTION OF BURIED STEEL PIPING AND STEEL BULKHEAD TIE RODS	NAVFAC	04/06			SRF Update						2/26/10
09 97 23.13	INTERIOR LINING FOR CONCRETE STORAGE TANKS (FOR PETROLEUM FUELS)	NAVFAC	04/06			reference update; modified notes in subparts 2.1.2.3, 2.4.2.4.2-4.3.4						5/20/11
09 97 23.16	LINSEED OIL PROTECTION OF CONCRETE SURFACES	NAVFAC	08/10			recommend renumbering "03 35 15" Revised 2.1.1						11/10/10
09 97 23	METALLIC TYPE CONDUCTIVE/SPARK RESISTANT CONCRETE FLOOR FINISH	NAVFAC	04/06			recommend renumbering "09 97 23.30"						
09 97 30	PREPARATION OF HISTORIC WOOD AND METAL SURFACES FOR PAINTING	USACE	05/09									5/18/09
DIV 10	SPECIALTIES											
10 10 00	VISUAL COMMUNICATIONS SPECIALTIES	USACE	04/06			recommend renumbering and naming "10 11 00 Visual Display Surfaces"						2/13/09
10 14 01	EXTERIOR SIGNAGE	USACE	04/06			recommend renumbering to "10 14 11"						
10 14 02	INTERIOR SIGNAGE	USACE	04/06			recommend renumbering to "10 14 12"						2/13/09
10 21 13	TOILET COMPARTMENTS	USACE	01/07									1/12/07
10 21 23.16	CUBICLE TRACK AND HARDWARE	NAVFAC	04/06									
10 22 13	WIRE MESH PARTITIONS	NAVFAC	04/06			Added GEI or SCS certification						8/4/10
10 22 19	DEMOUNTABLE PARTITIONS	USACE	04/06			Added GEI or SCS certification						8/4/10
10 22 26.13	ACCORDION FOLDING PARTITIONS	NAVFAC	10/07			Added GEI or SCS certification						8/4/10
10 22 26.23	COILING PARTITIONS	NAVFAC	10/07			Added GEI or SCS certification						8/4/10
10 22 26.33	FOLDING PANEL PARTITIONS	USACE	10/07			Added GEI or SCS certification						8/4/10
10 22 26.43	SLIDING PARTITIONS	USACE	10/07			Added GEI or SCS certification						8/4/10
10 26 13	WALL AND CORNER GUARDS	USACE	04/06			Added GEI or SCS certification (recommend renaming "Corner Guards")						8/4/10
10 28 13	TOILET ACCESSORIES	USACE	07/06									7/31/06
10 44 16	FIRE EXTINGUISHERS	NASA	05/09	BH	1/17/12	Standard Tri-Annual Maintenance completed,	2/29/12	"-"	"-"	"-"	3/30/12	5/12/12
10 51 13	METAL LOCKERS	NAVFAC	07/07			reference update, modified subpart 2.2.1						5/20/11
10 56 13	STEEL SHELVING	NAVFAC	04/06			recommend renaming "Metal Storage Shelving"						
10 71 13.13	STORM SHUTTERS	NAVFAC	04/06			recommend renumbering "10 71 15"						
DIV 11	EQUIPMENT											

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11 05 40	COMMON WORK RESULTS FOR FOODSERVICE EQUIPMENT	NAVFAC	08/08									8/15/08
11 06 40.13	FOODSERVICE EQUIPMENT SCHEDULE	NAVFAC	01/08									1/18/08
11 13 10	DOCK LEVELERS	USACE	10/06			SRF Update						8/18/09
11 24 27	AIR STRIPPER	USACE	10/07			recommend renumbering and naming "02 62 13 Air and Steam Stripping"						10/12/07
11 27 13	RADIOGRAPHIC DARKROOM EQUIPMENT	NAVFAC	04/06			recommend renaming "Darkroom Processing Equipment"						
11 31 13	ELECTRIC KITCHEN EQUIPMENT	NAVFAC	08/08			recommend renaming " Residential Kitchen Appliances"						8/15/08
11 41 11	REFRIGERATED AND FROZEN FOOD STORAGE EQUIPMENT	NAVFAC	01/08									1/18/08
11 42 00	FOOD PREPARATION EQUIPMENT	NAVFAC	01/08									1/18/08
11 44 00	FOOD COOKING EQUIPMENT	USACE	01/08									1/18/08
11 46 00	FOOD DISPENSING EQUIPMENT	USACE	01/08									1/18/08
11 47 00	ICE MACHINES	USACE	01/08									2/13/09
11 48 00	CLEANING AND DISPOSAL EQUIPMENT	NAVFAC	01/08									1/18/08
11 53 00	LABORATORY EQUIPMENT AND FUMEHOODS	NAVFAC	11/08			recommend renaming "Laboratory Equipment"; or renumber to 11 53 13, reference update; modified subpart						11/14/08
11 68 13	PLAYGROUND EQUIPMENT	USACE	04/06									2/13/09
11 70 00	GENERAL REQUIREMENTS FOR MEDICAL AND DENTAL EQUIPMENT	NAVFAC	04/06			recommend renaming "Healthcare Equipment"; reference update, modified subpart 1.4						5/20/11
11 71 00	WARMING CABINETS, STERILIZERS, AND ASSOCIATED EQUIPMENT	USACE	04/06			recommend renaming "Medical Sterilizing Equipment"						2/13/09
11 72 13	MEDICAL EQUIPMENT, MISCELLANEOUS	NAVFAC	04/06			recommend renaming "Examination Equipment"						
11 74 00	DENTAL EQUIPMENT	NAVFAC	04/06									
11 82 20	INCINERATORS, GENERAL PURPOSE	USACE	08/08									8/15/08
11 82 21	MEDICAL WASTER INCINERATORS	USACE	08/08									8/15/08
DIV 12	FURNISHINGS											
12 21 00	WINDOW BLINDS	USACE	07/07			Added GEI or SCS certification						8/4/10
12 22 00	CURTAINS AND DRAPES	NAVFAC	07/07			Added GEI or SCS certification						8/4/10
12 24 13	ROLLER WINDOW SHADES	USACE	07/07			Added GEI or SCS certification						8/4/10
12 31 00	MANUFACTURED METAL CASEWORK	NASA	05/09	RLH	6/20/12	Tri-Annual Database Maintenancei						5/18/09
12 32 00	MANUFACTURED WOOD CASEWORK	NASA	05/09	RLH	6/20/12	Tri-Annual Database Maintenancei						5/18/09
12 34 00	MANUFACTURED PLASTIC CASEWORK	NASA	05/10	RLH	6/20/12	Tri-Annual Database Maintenancei						5/10/10
12 35 20	FOODSERVICE CASEWORK, COUNTERTOPS AND ACCESSORIES	USACE	01/08			Added GEI or SCS certification						8/4/10
12 35 70	MEDICAL AND DENTAL CASEWORK	USACE	04/06			recommend renaming "Healthcare Casework", Added GEI or SS certification						8/4/10
12 36 00	COUNTERTOPS	NASA	05/09	RLH	6/20/12	Tri-Annual Database Maintenancei, minor changes, imperative language, cleaned up submittal article.					6/29/12	
12 36 00.00 20	MANUFACTURED VANITIES	NAVFAC	04/06			modified refs in subprts 2.1.3.1.2. Removed 2.5						8/25/11
12 48 13.13	ENTRANCE FLOOR MATS	NASA	02/11	RLH	6/20/12	Tri-Annual Database Maintenancei, minor changes, imperative language					6/29/12	
12 50 00	FURNITURE SYSTEMS	USACE	01/07			recommend renaming "Furniture"						2/13/09
12 55 00	DETENTION FURNITURE AND ACCESSORIES	NAVFAC	04/06			recommend renaming "Detention Furniture"						
12 65 00	FIXED SEATING	USACE	08/08			recommend renaming "Multiple-use Fixed Seating"						8/15/08
12 93 00	SITE FURNISHINGS	USACE	04/06									2/13/09
DIV 13	SPECIAL CONSTRUCTION											
13 17 43	HYDROTHERAPY EQUIPMENT	NAVFAC				Superseding UFGS 44 44 46 without revisions, renumbered to comply with MF10						2/25/11
13 21 26	COLD-STORAGE ROOMS (PREFABRICATED PANEL TYPE)	NAVFAC	04/06									
13 21 48	PREFABRICATED AUDIOMETRIC ROOMS	NAVFAC	04/06			recommend renaming "Sound Conditioned Rooms"						
13 27 54.00 10	ELECTROMAGNETIC (EM) SHIELDING	USACE	10/07			recommend renumbering "13 49 54"						10/12/07
13 34 19	METAL BUILDING SYSTEMS	NAVFAC	01/08			modified subparts 1.2.1.4 and 1.2.1.5						11/15/11
13 48 00.00 10	SEISMIC PROTECTION FOR MECHANICAL EQUIPMENT	USACE	10/07			Recm'nd renumbering/naming "13 48 53.40 10Manufactured Seismic Control Protection for Mechanical Equipment"						10/12/07
13 48 00	SEISMIC PROTECTION FOR MISCELLANEOUS EQUIPMENT	USACE	08/08			recommend renumbering and naming "13 48 53.50 Manufactured Seismic Control Protection for Miscellaneous Equipment"						8/15/08
13 49 19	X-RAY SHIELDING	USACE	04/06			recommend renaming "Lead-lined Materials"						2/13/09
DIV 14	CONVEYING EQUIPMENT											
14 21 00.00 20	ELECTRIC TRACTION ELEVATORS	NAVFAC	04/06			Removed "deletion" note before part 1						5/12/12
14 21 13	ELECTRIC TRACTION FREIGHT ELEVATORS	USACE	07/07									2/13/09
14 21 23	ELECTRIC TRACTION PASSENGER ELEVATORS	NAVFAC	07/07									2/13/09
14 24 00	HYDRAULIC ELEVATORS	USACE	10/07			Total revision of 2.4 ELEVATOR DRIVE SYSTEM, 2.5 CONTROL EQUIPMENT						8/4/10
14 92 00	PNEUMATIC-TUBE SYSTEM	USACE	04/06			recommend renaming "Pneumatic-Tube Systems"						2/13/09
DIV 15-19	RESERVED FOR FUTURE EXPANSION											
DIV 20	RESERVED FOR FUTURE EXPANSION											
DIV 21	FIRE SUPPRESSION											
21 12 00	STANDPIPE SYSTEMS	NAVFAC	04/06			recommend renaming "Fire-Suppression Standpipes", referewnce update, modified subpart 1.6.1						5/20/11
21 13 00.00 40	FIRE-SUPPRESSION SPRINKLER SYSTEMS	NASA	08/10	DKS	4/20/12	Tri-Annual Database Maintenancei, minor changes, imperative language						8/4/10
21 13 13.00 20	WET-PIPE SPRINKLER SYSTEM, FIRE PROTECTION	NAVFAC	04/08			Being worked on by UFGS Mechanical Working Group, revised para. "DISINFECTION"						5/18/09
21 13 13.00 10	WET-PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	10/07			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Wet-Pipe Sprinkler Systems"						10/12/07
21 13 16.00 20	DRY-PIPE FIRE SPRINKLER SYSTEMS	NAVFAC	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Dry-Pipe Sprinkler Systems"						
21 13 17.00 10	DRY PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	11/08			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 16.00 10 Dry-Pipe Sprinkler Systems", revised para. "DISINFECTION"						5/18/09
21 13 18.00 10	PREACTION AND DELUGE SPRINKLER SYSTEMS, FIRE PROTECTION	USACE	11/08			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 00.00 10 Fire-Suppression Sprinkler Systems", revised para. "DISINFECTION"						5/18/09
21 13 19.00 20	[DELUGE][PREACTION] FIRE SPRINKLER SYSTEMS	NAVFAC	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 00.00 20 Fire-Suppression Sprinkler Systems", Removed paragraph 1.2.1 regarding Y2K						11/20/09
21 13 20.00 20	FOAM FIRE EXTINGUISHING FOR AIRCRAFT HANGARS	NAVFAC	04/06			Recommend renumbering 21 13 39.20 20, Removed paragraph 1.2.1 regarding Y2K,SRF Update						11/20/09
21 13 21.00 20	FOAM FIRE EXTINGUISHING FOR FUEL TANK PROTECTION	NAVFAC	04/06			Recommend renumbering 21 13 39.21 20,,Removed paragraph 1.2.1 regarding Y2K,SRF Update						11/20/09
21 13 22.00 20	FOAM FIRE EXTINGUISHING FOR HAZ/FLAM MATERIAL FACILITY	NAVFAC	08/08			Recommend renumbering 21 13 39.22 20, Removed paragraph 1.2.1 regarding Y2K						11/20/09
21 13 24.00 10	AQUEOUS FILM-FORMING FOAM (AFFF) FIRE PROTECTION SYSTEM	USACE	10/07			Recommend renumbering and naming "21 13 39.00 10 Foam-Water Systems"						10/12/07
21 13 26.00 40	DELUGE FIRE-SUPPRESSION SPRINKLER SYSTEMS	NASA	08/10	RLH	7/30/12	Tri-Annual Database Maintenancei, minor changes, imperative language						8/4/10
21 21 00	FIRE EXTINGUISHING SPRINKLER SYSTEMS (RESIDENTIAL)	NAVFAC	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 13.30 10 Wet-Pipe Sprinkler Systems, Residential, 4 Stories or Less"						
21 21 00.00 40	CARBON-DIOXIDE FIRE-EXTINGUISHING SYSTEMS	NASA	08/10	RLH	7/30/12	Tri-Annual Database Maintenancei, minor changes, imperative language						8/4/10
21 21 01.00 20	CARBON DIOXIDE FIRE EXTINGUISHING (HIGH PRESSURE)	NAVFAC	04/06			No NASA information needs to be merged into this section, renumber 21 21 00. <u>Comments received and turned over to DoD for final editing effort.</u> Removed paragraph 1.2.1 regarding Y2K .	1/15/08	-	2/13/08	DoD DWG		11/20/09
21 21 02.00 20	CARBON DIOXIDE FIRE EXTINGUISHING (LOW PRESSURE)	NAVFAC	04/06			Merge with NASA 21 21 00.00 40, <u>Comments received, returned to DoD for final editing effort.</u> Removed paragraph 1.2.1 regarding Y2K.	1/15/08	-	2/13/08	DoD DWG		11/20/09
21 21 03.00 10	WET CHEMICAL FIRE EXTINGUISHING SYSTEM	USACE	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renumbering 21 23 00.00 10						2/13/09

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21 22 00.00 20	HALON 1301 FIRE-EXTINGUISHING	NAVFAC	04/06			Recommend renaming "Clean-Agent Fire Extinguishing Systems", reference update, modified notes in subpart 1.3 and 1.4						5/20/11
21 22 00.00 40	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	NASA	05/10			Tri-Annual Database Maintenance, minor changes, imperative language						5/10/10
21 23 00.00 20	WET CHEMICAL FIRE EXTINGUISHING FOR KITCHEN CABINETS	NAVFAC	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renaming "21 23 16.20 20 Wet-Chemical Fire Extinguishing for Commercial Kitchen Hoods"						
21 30 00	FIRE PUMPS	USACE	04/08			Being worked on by UFGS Mechanical Working Group						4/15/08
DIV 22	PLUMBING											
22 00 00	PLUMBING, GENERAL PURPOSE	NAVFAC	08/08			modified subpart 2.8						11/15/11
22 00 70	PLUMBING, HEALTHCARE FACILITIES	USACE	02/09			Added Deionize Water Piping; revised Drainage Piping, removed mandatory waterless urinals, rvsd CuAg Ionzn						11/15/11
22 05 48.00 20	MECHANICAL SOUND, VIBRATION AND SEISMIC CONTROL	NAVFAC	04/06			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Vibration and Seismic Control For Plumbing Piping and Equipment"						
22 05 83.63	CURED-IN-PLACE PIPE (CIPP) LINING	NASA	08/10									8/4/10
22 07 19.00 40	PLUMBING PIPING INSULATION	NASA	02/11									2/25/11
22 10 00.00 10	VERTICAL PUMPS, AXIAL-FLOW AND MIXED-FLOW IMPELLER-TYPE	USACE	07/07			Recommend renaming "Plumbing Piping and Pumps"						
22 11 23.00 10	SUBMERSIBLE PUMP, AXIAL-FLOW AND MIXED-FLOW TYPE	USACE	07/07			Recommend renumbering and naming "33 45 00.00 10 Storm Utility Drainage Pumps". not posted in Nov. as planned	4/18/08	5/12/08	-	5/12/08	5/13/08	7/15/07
22 13 29	SANITARY SEWERAGE PUMPS					Superseding UFGS 44 46 00 without revision to comply with MF 2010						2/25/11
22 13 36	PNEUMATIC SEWAGE EJECTORS	USACE	04/06			Recommend renaming "Packaged, Waster Water Pump Units"						2/13/09
22 14 29.00 40	SUMP PUMPS	NASA	08/11									8/25/11
22 15 09.00 40	GENERAL SERVICE COMPRESSED-AIR SYSTEMS CLEANING PROCEDURES	NASA	02/11									2/25/11
22 15 13.16 40	HIGH-PRESSURE COMPRESSED-AIR PIPING AND VALVES, STAINLESS	NASA	02/11									2/25/11
22 15 14.00 40	GENERAL SERVICE COMPRESSED-AIR SYSTEMS, LOW PRESSURE	NASA	02/11									2/25/11
22 15 19.13 20	LARGE NONLUBRICATED RECIPROCATING AIR COMPRESSORS (OVER 300 HP)	NAVFAC	04/06			Removed paragraph 1.2.1 regarding Y2K.						11/20/09
22 15 19.19 20	NONLUBRICATED ROTARY SCREW AIR COMPRESSORS (100 HP AND LARGER)	NAVFAC	04/06			reference update, modified note in subpart2.2						5/20/11
22 15 26.00 20	HIGH AND MEDIUM PRESSURE COMPRESSED AIR PIPING	NAVFAC	04/06			Recommend renumbering 22 15 13.20 20, Per Mark this section needs to remain as is - no NASA merger.						
22 16 19.26 20	LARGE CENTRIFUGAL AIR COMPRESSORS (OVER 200 HP)	NAVFAC	04/06			Removed paragraph 1.2.1 regarding Y2K.						11/20/09
22 31 00	WATER SOFTENERS, CATION-EXCHANGE (SODIUM CYCLE)	USACE	04/06			Recommend renaming "Domestic Water Softeners"						2/13/09
22 33 30.00 10	SOLAR WATER HEATING EQUIPMENT	USACE	04/08			Recommend renumbering and naming "22 33 30.23 10 Residential Collector-to-Tank, Solar-Electric Domestic Water						4/15/08
22 60 70	GAS AND VACUUM SYSTEMS FOR HEALTHCARE FACILITIES	USACE	02/09			Added special fittings to para. "PIPE AND FITTINGS"						5/18/09
22 66 53.00 40	LABORATORY CHEMICAL-WASTE AND VENT PIPING	NASA	02/11	RLH	7/30/12	Tri-Annual Database Maintenance, minor changes, imperative language					7/30/12	2/25/11
DIV 23	HEATING, VENTILATING, AND AIR-CONDITIONING											
23 00 00	AIR SUPPLY, DISTRIBUTION, VENTILATION AND EXHAUST SYSTEMS	USACE	11/08			Added GEI or SCS certification; allow flexible elastomeric duct liner						8/4/10
23 01 30.41	HVAC SYSTEM CLEANING	NASA	08/10				1/5/09	2/2/09	4/22/10	"-"	5/29/10	8/4/10
23 03 00.00 20	BASIC MECHANICAL MATERIALS AND METHODS	NAVFAC	01/07			Recmd renumber/rename "23 05 00.00 20 Common Work Results for HVAC"/Added GEI or SCS cert.						8/4/10
23 05 15	COMMON PIPING FOR HVAC	NASA	02/09									2/13/09
23 05 48.00 40	VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT	NASA	02/11			CCR1798,sbpt 2.1 rev'd Chapter No.,CCR589 rev'd table headings2.2.1,-2.2.6,2.2.9-2.2.11					6/29/12	2/25/11
23 05 93	TESTING, ADJUSTING AND BALANCING	NAVFAC	11/08			Updated	4/10/08	various	7/11/08	8/11/08	8/25/08	8/18/09
23 07 00	THERMAL INSULATION FOR MECHANICAL SYSTEMS	USACE	04/08			Added GEI or SCS certification; CCR# 3250 resolved						8/4/10
23 08 00.00 10	COMMISSIONING OF HVAC	USACE	01/08									1/18/08
23 08 01.00 20	TESTING INDUSTRIAL VENTILATION SYSTEMS	NAVFAC	04/06			Recommend renumbering 23 05 93.20 20						
23 09 13.34	CONTROL VALVES , SELF-CONTAINED	NASA	02/11									2/25/11
23 09 23	LONWORKS DIRECT DIGITAL CONTROL FOR HVAC AND OTHER BUILDING CONTROL	USACE	11/08			Section title change and extensive rewrite						5/10/10
23 09 23.13 20	EACnet DIRECT DIGITAL CONTROL SYSTEMS FOR HVAC	NAVFAC	11/08			Updated						8/18/09
23 09 33.00 40	ELECTRIC AND ELECTRONIC CONTROL SYSTEM FOR HVAC	NASA	08/10			Incorporated Tri-Annual Database Maintenance, Submittal Article cleaned up					7/18/12	8/4/10
23 09 53.00 20	SPACE TEMPERATURE CONTROL SYSTEMS	NAVFAC	04/06			This section is redundant to 23 09 33.00 40 and can be deleted. Pending comments from Elec. DWG. SRF update	7/22/08	8/22/08	9/12/08	due 10/10	2/10/10	2/26/10
23 11 25	FACILITY GAS PIPING	USACE	11/08				4/17/08	-	7/11/08	8/8/08	8/28/08	11/14/08
23 21 13.00 20	LOW TEMPERATURE WATER (LTW) HEATING SYSTEM	NAVFAC	04/06			Recommend renaming "Hydronic Piping"						7/15/07
23 21 13.23 20	[HIGH][MEDIUM] TEMPERATURE WATER SYSTEM WITHIN BUILDINGS	NAVFAC	07/07			Recommend renaming "[High][Medium] Temperature Hydronic Piping within Buildings"						
23 22 13.35 40	STEAM TRAPS	NASA	02/11									2/25/11
23 22 23.00 40	STEAM CONDENSATE PUMPS	NASA	02/11	D Smith	0711/12	Incorporated Tri-Annual Database Maintenance, Submittal Article cleaned up					7/18/12	2/25/11
23 22 25.00 40	STEAM VALVES	NASA	02/11									2/25/11
23 22 26.00 20	STEAM SYSTEM AND TERMINAL UNITS	NAVFAC	04/06			SRF Update					2/10/10	2/26/10
23 23 00	REFRIGERANT PIPING	USACE	10/07									10/12/07
23 25 00	CHEMICAL TREATMENT OF WATER FOR MECHANICAL SYSTEMS	USACE	11/08			Recommend renaming "HVAC Water Treatment"						11/14/08
23 31 13.00 40	METAL DUCTS	NASA	02/11	RLH	7/26/12	Tri-Annual Database Maintenance, Updated Section Format, Submittal Subpart, and imperative language						2/25/11
23 33 56	SELF-ACTING BLAST VALVES	USACE	04/04									2/13/09
23 34 23.00 40	HVAC POWER VENTILATORS	NASA	02/11	RLH	7/30/12							2/25/11
23 35 00.00 10	OVERHEAD VEHICLE TAILPIPE [AND WELDING FUME] EXHAUST REMOVAL SYSTEMS	USACE	04/06			Recommend renaming "Special Exhaust Systems"						2/13/09
23 35 19.00 20	INDUSTRIAL VENTILATION AND EXHAUST	NAVFAC	07/06			RID and SRF Updates					2/10/10	2/26/10
23 36 00.00 40	AIR TERMINAL UNITS	NASA	02/11	RLH	7/30/12	Tri-Annual Database Maintenance - Cleaned up Submittal Subpart, imperative language.					7/30/12	2/25/11
23 37 13.00 40	DIFFUSERS, REGISTERS, AND GRILLES	NASA	05/10	RLH	7/30/12	Tri-Annual Database Maintenance - Cleaned up Submittal Subpart text.					7/30/12	5/10/10
23 40 00.00 10	CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL (CBR) AIR FILTRATION SYSTEM	USACE	10/06			Recommend renaming "Air Cleaning Devices"						10/12/07
23 41 13.00 40	PANEL FILTERS	NASA	05/10	RLH	7/30/12	Tri-Annual Database Maintenance - Cleaned up Submittal Subpart text.					7/30/12	5/10/10
23 51 43.00 20	DUST AND GAS COLLECTOR, DRY SCRUBBER AND FABRIC FILTER TYPE	NAVFAC	04/06			Recommend renaming "Flue Gas Filtration Equipment" SRF Update						
23 51 43.01 20	MECHANICAL CYCLONE DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	04/06			Recommend renaming "Mechanical Cyclone Filtration"						
23 51 43.02 20	ELECTROSTATIC DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	04/06			Recommend renaming "Electrostatic Filtration"						
23 51 43.03 20	FABRIC FILTER DUCT COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	04/06			Recommend renaming "Fabric Particulate Filtration" SRF Update						
23 52 00	HEATING BOILERS	USACE	04/08			Recommend renaming "Heating Boilers"						4/15/08
23 52 33.01 20	STEAM HEATING PLANT WATERTUBE (SHOP ASSEMBLED) COAL/OIL OR COAL	NAVFAC	11/08			Recommend renumbering 23 52 33.14 20						11/14/08
23 52 33.02 20	STEAM HEATING PLANT WATERTUBE (FIELD ERECTED) COAL/OIL OR COAL	NAVFAC	07/07			Recommend renumbering 23 52 33.15 20						11/14/08
23 52 33.03 20	WATER-TUBE BOILERS, OIL/GAS OR OIL	NAVFAC	11/08			Recommend renumbering 23 52 33.00 20						11/14/08
23 52 43.00 10	HEAT RECOVERY BOILERS	USACE	04/08									4/14/08
23 52 43.00 20	LOW PRESSURE WATER HEATING BOILERS (UNDER 800,000 BTU/HR OUTPUT)	NAVFAC	07/06									
23 52 46.00 20	LOW PRESSURE WATER HEATING BOILERS (OVER 800,000 BTU/HR OUTPUT)	NAVFAC	04/06									
23 52 49.00 20	STEAM BOILERS AND EQUIPMENT (500,000 - 18,000,000 BTU/HR)	NAVFAC	11/08			Recommend renumbering 23 52 39.17 20						11/14/08
23 52 53.00 20	STEAM BOILERS AND EQUIPMENT (18,000,000 - 60,000,000 BTU/HR)	NAVFAC	04/06			Recommend renumbering 23 52 39.18 20						
23 54 16.00 10	HEATING SYSTEM; GAS-FIRED HEATERS	USACE	04/08			Recommend renumbering and naming "23 54 16.13 10 Gas Fired Furnaces"						4/15/08
23 54 19	BUILDING HEATING SYSTEMS, WARM AIR	NAVFAC	04/06			Recommend renumbering and naming "23 54 16.00 20 Building Heating Systems, Warm Air Fuel Fired Furnaces"						11/14/08
23 57 10.00 10	FORCED HOT WATER HEATING SYSTEMS USING WATER AND STEAM HEAT EXCHANGERS	USACE	01/08			Recommend renumbering and naming "23 57 16.00 10 Steam To Water Heat Exchangers"						1/18/08
23 63 00.00 10	COLD STORAGE REFRIGERATION SYSTEMS	USACE	10/07			Recommend renaming "Refrigerant Condensers"						10/12/07
23 64 00	PACKAGED WATER CHILLERS, ABSORBTION TYPE	USACE	08/08			Minor Revision						8/18/09
23 64 10	WATER CHILLERS, VAPOR COMPRESSION TYPE	NAVFAC	08/08									8/15/08

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23 64 26	CHILLED, CHILLED-HOT AND CONDENSATE WATER PIPING SYSTEMS	NAVFAC	04/08			Recommend renumbering and naming "23 20 00.00 20 HVAC PIPING AND PUMPS" Minor Revision						8/18/09
23 65 00	COOLING TOWER	USACE	08/08									8/15/08
23 69 00.00 20	REFRIGERATION EQUIPMENT FOR COLD STORAGE	NAVFAC	07/06			Recommend renumbering and naming "23 61 00.00 20						
23 70 01.00 10	CENTRAL STEAM-GENERATING SYSTEM, COAL-FIRED	USACE	01/08			Recommend renumbering 23 52 33.15 10						1/18/08
23 70 02.00 10	CENTRAL STEAM GENERATING SYSTEM - COMBINATION GAS AND OIL FIRED	USACE	01/08			Recommend renumbering 23 52 33.00 10						1/18/08
23 70 03.00 10	HEATING AND UTILITIES SYSTEMS, CENTRAL STEAM	USACE	01/08			Recommend renumbering and naming "23 52 16.00 10 Condensing Boilers"						1/18/08
23 71 19	THERMAL ENERGY STORAGE SYSTEM: ICE ON-COIL	USACE	01/08									1/18/08
23 72 00.00 10	ENERGY RECOVERY SYSTEMS	USACE	01/08			Recommend renaming "Air-to-Air Energy Recovery Equipment"						1/18/08
23 72 26.00 10	DESICCANT COOLING SYSTEMS	USACE	04/08									4/15/08
23 73 13.00 40	MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS	NASA	02/11	RLH	7/30/12							2/25/11
23 74 33.00 40	PACKAGED, OUTDOOR, HEATING AND COOLING MAKEUP AIR-CONDITIONERS	NASA	02/11	RLH	7/30/12							2/25/11
23 76 00.00 10	EVAPORATIVE COOLING SYSTEMS	USACE	04/08			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Evaporative Air-Cooling Equipment"						4/15/08
23 76 00.00 20	EVAPORATIVE COOLING SYSTEM	NAVFAC	07/06			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Evaporative Air-Cooling Equipment"						
23 81 00.00 20	UNITARY AIR CONDITIONING EQUIPMENT	NAVFAC	07/06			Recommend renaming "Decentralized Unitary HVAC Equipment"						
23 81 23.00 20	COMPUTER-ROOM AIR-CONDITIONING UNITS	NAVFAC	07/06			Recommend renaming "Computer-Room Air-Conditioners" SRF Update					2/10/10	2/26/10
23 81 47	WATER-LOOP AND GROUND-LOOP HEAT PUMP SYSTEMS	NAVFAC	08/08									8/15/08
23 82 00.00 20	TERMINAL HEATING AND COOLING UNITS	NAVFAC	11/08			Recommend renumbering and naming "23 36 00.00 20 Air Terminal Units"						11/14/08
23 82 01.00 10	WARM AIR HEATING SYSTEMS	USACE	04/08			Recommend renumbering and naming "23 73 33.00 10 Indoor Indirect Fuel-Fired Heating and Ventilation Units"						4/15/08
23 82 02.00 10	UNITARY HEATING AND COOLING EQUIPMENT	USACE	04/08			Recommend renumbering and naming "23 81 00.00 10 "Decentralized Unitary HVAC Equipment"						4/15/08
23 82 16.00 40	AIR COILS	NASA	02/11									2/25/11
23 82 19.00 40	FAN COIL UNITS	NASA	02/11									2/25/11
23 82 23.00 40	UNIT VENTILATORS	NASA	02/11									2/25/11
23 82 43.00 40	ELECTRIC DUCT HEATERS	NASA	02/11									8/25/11
23 82 46.00 40	ELECTRIC UNIT HEATERS	NASA	08/11									8/25/11
23 83 00.00 20	ELECTRIC SPACE HEATING EQUIPMENT	NAVFAC	04/06			Recommend renumbering and renaming to "01 51 23.10 20 TEMPORARY HEATING"						10/24/06
23 84 16.00 20	DESICCANT DEHUMIDIFICATION EQUIPMENT	NAVFAC	11/08			Recommend renumbering 23 84 16.20 20						11/14/08
DIV 24	RESERVED FOR FUTURE EXPANSION											
DIV 25	INTEGRATED AUTOMATION											
25 08 10	UTILITY MONITORING AND CONTROL SYSTEM TESTING	USACE	04/06									7/31/06
25 10 10	LONWORKS UTILITY MONITORING AND CONTROL SYSTEM (UMCS)	USACE	11/08			Section title change and extensive rewrite						5/10/10
DIV 26	ELECTRICAL											
26 00 00.00 20	BASIC ELECTRICAL MATERIALS AND METHODS	NAVFAC	07/06			merge into NASA 26 05 00.00 40 Pending comments from Elec. DWG.	5/19/08	-	-	-	6/17/08	
26 05 00.00 40	COMMON WORK RESULTS FOR ELECTRICAL	NASA	11/10									11/10/10
26 05 13.00 40	MEDIUM-VOLTAGE CABLES	NASA	08/10									8/4/10
26 05 19.00 10	INSULATED WIRE AND CABLE	USACE	11/08			Recommend renaming "Low-voltage Electrical Power Conductors and Cable"						11/14/08
26 05 33	DOCKSIDE POWER CONNECTION STATIONS	NAVFAC	01/07									1/12/07
26 05 48.00 10	SEISMIC PROTECTION FOR ELECTRICAL EQUIPMENT	USACE	10/06			Recommend renaming "Vibration and Seismic Controls for Electrical Systems"						10/12/07
26 05 63.00 40	COORDINATED POWER SYSTEM PROTECTION AND ARC FLASH ANALYSIS	NASA	08/11	RLH	8/11/11	Proposed New Section to be elevated from NASAKSC database						
26 05 70.00 40	HIGH-VOLTAGE OVERCURRENT PROTECTIVE DEVICES	NASA	11/11									11/15/11
26 05 71.00 40	LOW-VOLTAGE OVERCURRENT PROTECTIVE DEVICES	NASA	05/11									2/25/11
26 08 00	APPARATUS INSPECTION AND TESTING	NAVFAC	08/08			Recommend renaming "A commissioning of Electrical Systems"						8/15/08
26 09 13	POWER MONITORING SYSTEM	USACE	11/08			Recommend renaming "Electrical Power Monitoring Systems"						11/14/08
26 09 23.00 40	LIGHTING CONTROL DEVICES	NASA	08/10									8/4/10
26 11 13.00 20	PRIMARY UNIT SUBSTATION	NAVFAC	04/07									4/17/07
26 11 14.00 10	MAIN ELECTRIC SUPPLY STATION AND SUBSTATION	USACE	10/07									10/12/07
26 11 16	SECONDARY UNIT SUBSTATIONS	NAVFAC	04/07			SRF Update					2/10/10	2/26/10
26 12 19.00 40	PAD-MOUNTED LIQUID- FILLED, MEDIUM-VOLTAGE TRANSFORMERS	NASA	02/11									2/25/11
26 12 19.10	THREE-PHASE PAD-MOUNTED TRANSFORMERS	USACE				Modified subparts 2.2, 2.2.1, 2.2.1.1- 2.2.1.3, 2.2.2, 2.2.4, 3.4, 3.5,						2/15/12
26 12 19.20	SINGLE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	04/06			Pending comments from Elec. DWG.	6/17/08				6/27/08	1/12/07
26 13 00.00 20	SF6/HIGH-FIREPOINT INSULATED PAD-MOUNTED SWITCHGEAR	NAVFAC	04/06			Major Revision, changed title to from SF6 INSULATED PAD-MOUNTED SWITCHGEAR to SF6/HIGH-FIREPOINT FLUIDS INSULATED PAD-MOUNTED SWITCHGEAR						8/25/11
26 18 23.00 40	MEDIUM-VOLTAGE SURGE ARRESTERS	NASA	08/10					-				8/4/10
26 20 00	INTERIOR DISTRIBUTION SYSTEM	NAVFAC	08/08			Recommend renaming "Low-Voltage Electrical Transmission"						8/15/08
26 22 00.00 10	480-VOLT STATION SERVICE SWITCHGEAR AND TRANSFORMERS	USACE	10/07			Recommend renumbering 26 22 23.00 10						10/12/07
26 23 00	SWITCHBOARDS AND SWITCHGEAR	NAVFAC	07/06			Pending comments from Elec. DWG.						1/12/07
26 23 00.00 40	SWITCHBOARDS AND SWITCHGEAR	NASA	2/11									2/25/11
26 24 16.00 40	PANELBOARDS	NASA	2/11									8/4/10
26 24 19.00 40	MOTOR-CONTROL CENTERS	NASA	08/10									8/4/10
26 27 13.10 30	ELECTRIC METERS	AFCESA	10/07									10/12/07
26 27 14.00 20	ELECTRICITY METERING	NAVFAC				NEW, (No notice, not reviewed by NASA?) (Misnumbered per MF 2010)						2/25/11
26 27 29	MARINA ELECTRICAL WORK	NAVFAC	04/06			Recommend renaming "Marina Electrical Low-Voltage Distribution"						
26 28 00.00 10	MOTOR CONTROL CENTERS, SWITCHBOARDS AND PANELBOARDS	USACE	10/07			Per Howard merge Panelboard portion into NASA 26 24 16.00 40 and per Grant merge Motor Control portion into NASA 26 24 19.00 40 ans switch boards into 26 23 00. Pending comments from Elec. DWG.	8/7/08	due 9/4				10/12/07
26 28 01.00 10	COORDINATED POWER SYSTEM PROTECTION	USACE	10/07									10/12/07
26 28 21.00 40	AUTOMATIC TRANSFER SWITCHES	NASA	08/11									8/25/11
26 29 01.00 10	ELECTRIC MOTORS, 3-PHASE VERTICAL INDUCTION TYPE	USACE	11/08			Recommend renumbering 26 29 24.00 10						11/14/08
26 29 02.00 10	ELECTRIC MOTORS, 3-PHASE VERTICAL SYNCHRONOUS TYPE	USACE	11/08			Recommend renumbering 26 29 25.00 10						11/14/08
26 29 23	VARIABLE-FREQUENCY-DRIVE SYSTEMS UNDER 600 VOLTS	NAVFAC	04/06			Being worked on UFGS Electrical Working Group, Recommend renaming "Variable Frequency Motor Controllers"						
26 32 13.00 20	SINGLE OPERATION GENERATION SETS	NAVFAC	04/07			Being worked on by UFGS Electrical Working Group, Recommend renaming Engine Generators"						4/17/07
26 32 14.00 10	DIESEL-GENERATOR SET, STATIONARY 15-300 KW, STANDBY APPLICATIONS	USACE	10/07			Recommend renumbering 26 32 13.14 10 Formatting correction including submittals					2/10/10	2/26/10
26 32 15.00 10	DIESEL-GENERATOR SET STATIONARY 100-2500 KW, WITH AUXILIARIES	USACE	10/07			Recommend renumbering 26 32 13.15 10						10/12/07
26 32 26	MOTOR-GENERATOR SETS, 400 HERTZ (HZ)	NAVFAC	04/06			Recommend renumbering 26 32 13.26						
26 32 33.00 10	UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM ABOVE 15 KVA CAPACITY	USACE	10/07			Being worked on by UFGS Electrical Working Group, Recommend renumbering 26 32 33.23 10						10/12/07
26 33 53.00 20	UNINTERRUPTIBLE POWER SUPPLY (UPS)	NAVFAC	04/08			Being worked on by UFGS Electrical Working Group						4/15/08
26 35 33.00 40	POWER FACTOR CORRECTION EQUIPMENT	NASA	08/10									8/4/10
26 35 43	400-HERTZ (HZ) SOLID STATE FREQUENCY CONVERTER	NAVFAC	04/06			Recommend renaming Static-Frequency Converters"; reference update modified note in subpart 1.4.2						5/20/11
26 35 46.00 20	RADIO FREQUENCY INTERFERENCE FILTERS	NAVFAC	04/06									
26 36 00.00 10	AUTOMATIC TRANSFER SWITCH AND BY-PASS/ISOLATION SWITCH	USACE	10/07			Being worked on by UFGS Working Group, Recommend renumbering 26 36 23.13 10						10/12/07
26 36 23.00 20	AUTOMATIC TRANSFER SWITCHES	NAVFAC	04/06			Being worked on by UFGS Working Group						

UFGS MASTER DATABASE TRACKING CHART

CURRENT UFGS MASTER DATABASE LISTINGS				REVIEW AND EDITING PROCESS			INCORPORATION STEPS					
MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
26 41 00.00 20	LIGHTNING PROTECTION SYSTEM	NAVFAC	04/06			NASA and USACE to be merged into this section Pending comments from Elec. DWG.	7/24/08	due 8/21				
26 41 00.00 40	FACILITY LIGHTNING PROTECTION	NASA	11/08	RLH	7/5/11	Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 41 01.00 10	LIGHTNING PROTECTION SYSTEM	USACE	11/08			CCR 1748 changed "counterpoise" to "ground ring".	7/24/08	due 8/21			8/3/12	11/14/08
26 42 13.00 20	CATHODIC PROTECTION BY GALVANIC ANODES	NAVFAC	04/06			Approved by USACE. Completion deferred to NAVFAC.	4/20/07	7/18/07	11/19/07	12/20/07	12/20/07	
26 42 14.00 10	CATHODIC PROTECTION SYSTEM (SACRIFICIAL ANODE)	USACE	11/06			Approved by USACE. Completion deferred to NAVFAC CCR Revisions	4/20/07	-	11/19/07	12/20/07	12/20/07	8/18/09
26 42 15.00 10	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	USACE	11/08			Merge this section into NAVFAC 26 42 22.00 20, Approved by USACE. Completion deferred to NAVFAC.	4/18/07	-	11/14/07	12/20/07	12/20/07	11/14/08
26 42 17.00 10	CATHODIC PROTECTION SYSTEM (IMPRESSED CURRENT)	USACE	11/08			Merge NAVFAC 26 42 19.00 20 into this section, Approved by USACE. Completion deferred to NAVFAC.	4/20/07	-	1/2/08	2/4/08	2/4/08	11/14/08
26 42 19.00 20	CATHODIC PROTECTION BY IMPRESSED CURRENT	NAVFAC	08/01			Merge this section into USACE 26 42 17.00 10, Approved by USACE. Completion deferred to NAVFAC.	4/20/07	7/18/07	1/2/08	2/4/08	2/4/08	
26 42 19.10	CATHODIC PROTECTION SYSTEMS (IMPRESSED CURRENT) FOR LOCK MITER GATES	USACE	11/08			Section to stand alone. Completion deferred to NAVFAC.	4/20/07	-	1/2/08	2/4/08	2/4/08	11/14/08
26 42 22.00 20	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	NAVFAC	01/08			Merge USACE 26 42 15.00 10 into this section, Approved by USACE. Completion deferred to NAVFAC.	4/18/07	7/18/07	11/14/07	12/20/07	12/20/07	1/18/08
26 51 00	INTERIOR LIGHTING	NAVFAC	07/07			Per Howard Emergency Lighting should be removed from this section and merged into NASA 26 52 00, Per Grant Lighting Controls information needs to be removed from this section and merged into NASA 26 09 23 and NASA 26 51 13.08 40 needs to be merged into this section. Pending comments from Elec. DWG.	8/25/08	due 9/22				7/15/07
26 51 00.00 40	INTERIOR LIGHTING	NASA	02/11									2/25/11
26 52 00.00 40	EMERGENCY LIGHTING	NASA	08/11									8/25/11
26 53 00.00 40	EXIT SIGNS	NASA	11/08	RLH	7/5/11	Re-perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 54 21.00 10	HELIPAD LIGHTING AND VISUAL NAVIGATION AIDS	USACE	10/07			Being edited by USACE TSC. Recommend renumbering 26 56 42.00 10						10/12/07
26 55 53.00 10	EXTERIOR LIGHTING INCLUDING SECURITY AND CCTV APPLICATIONS	USACE	10/07			Per Grant section to remain as is but rename "26 55 53 Security Lighting" Pending comments from Elec. DWG.	8/25/08	due 9/22				10/12/07
26 55 53.00 40	SECURITY LIGHTING	NASA	05/11									5/20/11
26 55 80.00 20	SURGICAL LIGHTING FIXTURES	NAVFAC	04/06									
25 56 00	EXTERIOR LIGHTING	NAVFAC	07/06			Pending comments from Elec. DWG.	8/25/08	due 9/22				7/15/07
26 56 00.00 20	EXTERIOR LIGHTING	NAVFAC	NEW			New Section (Re-work of 26 56 00, posted by NAVFAC)					8/3/12	
26 56 13.00 40	LIGHTING POLES AND STANDARDS	NASA	11/08	RLH	7/5/11	Re-perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 56 19.00 40	ROADWAY LIGHTING	NASA	11/08	D Smith	8/19/11	Re-perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 56 20.00 10	AIRFIELD AND HELIPORT LIGHTING AND VISUAL NAVIGATION AIDS	USACE	10/07			Being edited by USACE TSC. Recommend renumbering 26 56 41.00 10						10/12/07
26 56 23.00 40	AREA LIGHTING	NASA	11/08	RLH	6/21/12	Re-perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 56 36.00 40	FLOOD LIGHTING	NASA	11/08	RLH	6/21/12	Re-perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
26 60 13.00 40	LOW VOLTAGE MOTORS	NASA	11/11	RLH	6/21/12	Sub Art, CSI Sec Format, Imp Lang, Converted Tables to New Format, no technical changes					6/29/12	11/15/11
DIV 27	COMMUNICATIONS											
27 05 13.00 10	TWO-WAY RADIO DATA ETHERNET TRANSMISSION SYSTEM	USACE	04/06			Recommend renumbering 27 31 33.00 10						
27 05 14.00 10	CABLE TELEVISION PREMISES DISTRIBUTION SYSTEM	USACE	04/06			Recommend renumbering and naming "27 41 16 Integrated Audio-Visual Systems and Equipment"						
27 05 28.36 40	CABLE TRAYS FOR COMMUNICATIONS SYSTEMS	NASA	08/11	RLH	6/6/11	Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, clean text from sub para						8/25/11
27 05 29.00 10	PROTECTIVE DISTRIBUTION SYSTEM (PDS) FOR SIPRNET COMMUNICATION SYSTEM	USACE				NEW SECTION						8/25/11
27 10 00	BUILDING TELECOMMUNICATIONS CABLING SYSTEM	NAVFAC	01/08			Rcmnd renumbering/renaming "27 13 00 Communications Backbone Cabling", Major Revision						8/25/11
27 13 23.00 40	COMMUNICATIONS OPTICAL BACKBONE CABLING	NASA	11/08	RLH	2/4/10	Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
27 15 19.00 10	WIRE LINE DATA TRANSMISSION SYSTEM	USACE	04/06			Recommend renumbering and naming "27 21 00.00 10 Data Communications Network Equipment"						
27 21 00.00 20	INTERCOMMUNICATION SYSTEM	NAVFAC	04/06			Recommend renaming "Data Communications Network Equipment", Pending comments from Elec. DWG.	2/27/08	3/26/08	pending			
27 21 00.00 40	INTERCOMMUNICATION SYSTEM	NASA	02/11									2/25/11
27 21 10.00 10	FIBER OPTIC DATA TRANSMISSION SYSTEM	USACE	07/06			Pending comments from Elec. DWG.	2/27/08	3/26/08	pending			
27 21 10.00 40	FIBER OPTIC DATA TRANSMISSION SYSTEM	NASA	02/11									2/25/11
27 33 30.00 10	STAND-ALONE ONE-WAY RADIO CONTROL SYSTEM	USACE	04/06									
27 33 31.00 10	ONE-WAY FM RADIO DATA CONTROL SYSTEM	USACE	04/06									
27 41 00.00 10	NURSE CALL AUDIO-VISUAL (NCAV) SYSTEM	USACE	04/06			Recommend renumbering 27 51 23.72 10						
27 41 16.00 10	TELEVISION SIGNAL RECEPTION SYSTEM	USACE	04/06			Recommend renumbering 27 51 23.60 10						
27 51 13.00 10	RADIO PAGING SYSTEM	USACE	04/06			Recommend renaming "Paging Systems"						
27 51 16	RADIO AND PUBLIC ADDRESS SYSTEMS	USACE	04/06			Recommend renaming "Public Address and Mass Notification Systems"						
27 52 23.00 20	NURSE CALL SYSTEM	NAVFAC	04/06			Recommend renaming "Nurse Call System / Code Blue Systems"						
27 52 32.00 10	NURSE CALL TONE-VISUAL (NCTV) SYSTEM	USACE	10/07			Recommend renumbering 27 51 23.73 10						10/12/07
27 54 00.00 20	COMMUNITY ANTENNA TELEVISION (CATV) SYSTEMS	NAVFAC	04/06			Recommend renumbering and naming "33 80 00.00 20 Communications Utilities"						
DIV 28	ELECTRONIC SAFETY AND SECURITY											
28 05 26.00 40	GROUNDING AND BONDING FOR ELECTRONIC SAFETY AND SECURITY	NASA	08/10									8/4/10
28 16 01.00 10	SMALL INTRUSION DETECTION SYSTEM	USACE	11/08			Being worked on by UFGS Electrical Working Group, Recommend renumbering 28 16 00.00 10						11/14/08
28 16 00.00 20	BASIC INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	04/06			Being worked on by UFGS Electrical Working Group, Recommend renaming "Intrusion Detection"						
28 20 00.00 20	ELECTRONIC SECURITY SYSTEMS (ESS), COMMERCIAL	NAVFAC	04/06			Being worked on by UFGS Electrical Working Group, Recommend renumbering and naming "28 16 16.00 20 Intrusion						
28 20 01.00 10	ELECTRONIC SECURITY SYSTEM	USACE	10/07			Being worked on by UFGS Electrical Working Group, Recommend renumbering and naming "28 10 01.00 10 Electronic Access Control and Intrusion Detection"						10/12/07
28 20 02	CENTRAL MONITORING SERVICES FOR ELECTRONIC SECURITY SYSTEMS	USACE	04/06			Recommend renumbering and naming "28 40 00 Electronic Monitoring and Control"						11/14/08
28 23 23.00 10	CLOSED CIRCUIT TELEVISION SYSTEMS	USACE	04/06			Recommend renumbering and naming "28 23 00.00 10 Video Surveillance" Formatted text to denote submittals						2/25/11
28 26 23	DURESS SIGNAL SYSTEM [FOR BRIG FACILITIES]	NAVFAC	04/06			Recommend renumbering and naming "28 46 00 Electronic Detention Monitoring and Control Systems"						
28 31 00.00 10	FIRE DETECTION AND ALARM SYSTEM, DIRECT CURRENT LOOP	USACE	11/08			Recommend renaming "Fire Detection and Alarm"						11/14/08
28 31 02.00 20	FIRE ALARM REPORTING SYSTEMS - DIGITAL COMMUNICATORS	NAVFAC	04/06			Recommend renumbering 28 31 33.14 20, SRF Update						
28 31 13.00 40	FIRE DETECTION AND ALARM CONTROL, GUI, AND LOGIC SYSTEMS	NASA	08/10									8/4/10
28 31 33.00 10	FIRE ALARM REPORTING SYSTEM, RADIO TYPE	USACE	11/08			Recommend renumbering 28 31 33.15 10						11/14/08
28 31 33.13 20	EXTERIOR FIRE REPORTING SYSTEM, RADIO TYPE	NAVFAC	04/06			Recommend renumbering 28 31 33.15 20						
28 31 49	CARBON MONOXIDE DETECTORS	NAVFAC	04/06			Recommend renaming "Carbon Monoxide Detection Sensors"						
28 31 63.00 20	ANALOG/ADDRESSABLE INTERIOR FIRE ALARM SYSTEM	NAVFAC	10/07			Per Carl this section is current and up to date, Pending comments from Elec. DWG.	2/6/08	pending				10/12/07
28 31 64.00 10	FIRE DETECTION AND ALARM SYSTEM, ADDRESSABLE	USACE	11/08			Carl's recommendation is to merge this section into NAVFAC, Pending comments from Elec. DWG. CCR	2/6/08	pending				8/18/09
28 31 73.00 20	EXTERIOR FIRE ALARM SYSTEM, CLOSED CIRCUIT TELEGRAPHIC TYPE	NAVFAC	02/03			Recommend renumbering 28 31 33.16 20 SRF Update					2/10/10	2/26/10
28 31 74.00 20	INTERIOR FIRE DETECTION AND ALARM SYSTEM	NAVFAC	04/06			Recommend renumbering 28 31 33.17 20 SRF Update					2/10/10	2/26/10
28 31 75.00 10	CENTRAL FIRE ALARM SYSTEM, DIGITAL ALARM COMMUNICATOR TYPE	USACE	11/08			Recommend renumbering 28 31 33.14 10						11/14/08
28 31 76	INTERIOR FIRE ALARM AND MASS NOTIFICATION SYSTEM	USACE	11/08			Recommend renumbering and naming "28 31 33.17 10 INTERIOR FIRE DETECTION AND ALARM SYSTEM"						11/14/08
28 33 00.00 40	FUEL-GAS DETECTION AND ALARM	NASA	02/11									2/25/11
28 40 01	WATCHTOUR SYSTEM [FOR BRIG FACILITIES]	NAVFAC	04/06			Recommend renumbering 28 46 14						
DIV 29	RESERVED FOR FUTURE EXPANSION											
DIV 30	RESERVED FOR FUTURE EXPANSION											
DIV 31	EARTHWORK											
31 00 00	EARTHWORK	USACE	08/08			Being edited by USACE TSC						8/15/08
31 05 19	GEOTEXTILE	USACE	08/08			Recommend renumbering and naming "31 32 19.16 GEOTEXTILE Soil Stabilization"						8/15/08
31 05 20	GEOSYNTHETIC DRAINAGE LAYER	USACE	08/08			Recommend renumbering and naming "31 32 19.13 GEOGRID Soil Stabilization"						8/15/08
31 05 21	GEOGRID SOIL REINFORCEMENT	USACE	08/08			Recommend renumbering and naming "31 32 19 GEOSYNTHETIC Soil Stabilization and Layer Separation"						8/15/08
31 05 22	GEOTEXTILE USED AS FILTERS	USACE	08/08			Recommend renumbering and naming "31 05 19.13 GEOTEXTILE For Earthwork"						8/15/08

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROPONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
31 10 00	CLEARING FOR CIVIL WORKS	USACE	08/08			Recommend renaming "Site Clearing"						8/15/08
31 11 00	CLEARING AND GRUBBING	USACE	08/08									8/15/08
31 21 00	PIPING; OFF-GAS	USACE	08/08			Recommend renaming "Off-Gassing Mitigation"						8/15/08
31 21 13	RADON MITIGATION	NAVFAC	04/06			modified references in subpart 2.2						8/25/11
31 23 00.00 20	EXCAVATION AND FILL	NAVFAC	04/06			Recommend renumbering 31 23 00; modified subpt 13.15.2, other minor revisions throughout.						2/25/11
31 31 16	SOIL TREATMENT FOR SUBTERRANEAN TERMITE CONTROL	USACE	08/08			Recommend renaming "Termite Control"						8/15/08
31 31 16.19	TERMITE CONTROL BARRIER SYSTEM	NAVFAC	04/06			Recommend renaming " Termite Control Barriers"						
31 31 16.20	BASALTIC TERMITE BARRIER	NAVFAC	04/06									
31 31 16.21	MESH TERMITE BARRIER	USACE	08/08									8/15/08
31 32 11	SOIL SURFACE EROSION CONTROL	USACE	08/08			recommend renumbering and naming "31 25 13 Erosion Controls"						8/15/08
31 32 23	FOUNDATION DRILLING AND GROUTING	USACE	08/08			Recommend renumbering and naming "31 43 13 Pressure Grouting"						8/15/08
31 32 39	BIOENGINEERING PRACTICES FOR STREAM BANK AND SHORELINE STABILIZATION	USACE	08/08			Recommend renumbering 31 25 19						8/15/08
31 36 00	WIRE MESH GABIONS [AND MATTRESSES]	USACE	08/08			Recommend renaming "Gabions"						8/15/08
31 41 16	METAL SHEET PILING	USACE	11/08			Section Properties revised						8/18/09
31 60 00	FOUNDATION PREPARATION	USACE	11/08			Recommend renumbering and naming "31 32 13 Subgrade Preparation"						11/14/08
31 62 13.13	CAST-IN-PLACE CONCRETE PILES	NAVFAC	04/06									
31 62 13.20	PRECAST/PRESTRESSED CONCRETE PILES	NAVFAC	04/06			Major Revision						8/18/09
31 62 13.24	CONCRETE CYLINDER PILES	USACE	04/06			Major Revision, changed title from "PRESTRESSED CONCRETE CYLINDER PILES"						8/25/11
31 62 13.26	PRESSURE-INJECTED FOOTINGS	NAVFAC	04/06									
31 62 16.16	STEEL H PILES	NAVFAC	01/08			Modified subpart 1.2.2						11/15/11
31 62 19	TIMBER PILES	NAVFAC	01/08									1/18/08
31 62 19.13	WOOD MARINE PILES	NAVFAC	02/03									
31 62 21	Piling: COMPOSITE, WOOD AND CAST IN-PLACE CONCRETE	USACE	11/08			Recommend renumbering and naming "31 62 23 Composite Piles"						11/14/08
31 62 23.13	CAST-IN-PLACE CONCRETE PILES, STEEL CASING	USACE	11/08			Recommend renumbering 31 62 13.15						11/14/08
31 63 16	AUGER CAST GROUT PILES	USACE	11/08									11/14/08
31 63 26	DRILLED CAISSONS	USACE	08/08									8/15/08
31 63 29	DRILLED CONCRETE PIERS AND SHAFTS	NASA	05/09									5/18/09
31 68 13	SOIL AND ROCK ANCHORS	USACE	11/08			Recommend renaming "Rock Foundation Anchors"						11/14/08
31 73 00	TUNNEL AND SHAFT GROUTING	USACE	11/08									11/14/08
DIV 32	EXTERIOR IMPROVEMENTS											
32 01 11.51	RUBBER AND PAINT REMOVAL FROM AIRFIELD PAVEMENTS	NAVFAC	04/06			Recommend renaming "Rubber and Paint Removal From Paving"						
32 01 11.52	RUNWAY RUBBER REMOVAL	USACE	08/08			Recommend renaming "Rubber Removal from Paving"						8/15/08
32 01 13	BITUMINOUS SEAL AND FOG COATS	USACE	08/08			Being edited by USACE TSC. Recommend renaming "Flexible Paving Surface Treatment"						8/15/08
32 01 13.00 20	EMULSIFIED ASPHALT SEAL COATS [WITH][WITHOUT] AGGREGATE	NAVFAC	02/12			NEW UFGS SECTION						2/15/12
32 01 16.17	COLD MILLING OF BITUMINOUS PAVEMENTS	USACE	08/08			Recommend renaming "Cold Milling Asphalt Paving"						8/15/08
32 01 17	COLD MIX RECYCLING	USACE	08/08			Recommend renumbering and naming "32 01 16.73 In-Place Cold Reused Asphalt Paving"						8/15/08
32 01 17.16	SEALING OF CRACKS IN BITUMINOUS PAVEMENTS	USACE	08/08			Recommend renumbering and naming "32 01 17.61 Sealing Cracks in Asphalt Paving"						8/15/08
32 01 17.62	STRESS-ABSORBING MEMBRANE INTERLAYER	NAVFAC	04/08			reference update, modified note in subpart 3.1.1.2						5/20/11
32 01 19	FIELD MOLDED SEALANTS FOR SEALING JOINTS IN RIGID PAVEMENTS	USACE	08/08			Recommend renumbering and naming "32 01 19.61 10 Sealing of Joints in Rigid Paving" not posted in Nov. as planned	3/20/08	-	-	-	4/18/08	8/15/08
32 01 19.61	RESEALING OF JOINTS IN RIGID PAVEMENT	NAVFAC	04/06			Recommend renumbering and naming "32 01 19.61 10 Sealing of Joints in Rigid Paving" not posted in Nov. as planned	3/20/08	-	-	-	4/18/08	
32 01 22	BITUMINOUS REJUVENATION	USACE	08/08									8/15/08
32 01 24	HOT IN-PLACE RECYCLING OF BITUMINOUS PAVEMENTS	USACE	08/08			Recommend renumbering and naming "32 01 16.74 In-Place Hot Reused Asphalt Paving"						8/15/08
32 01 25	HEATER SCARIFYING OF BITUMINOUS PAVEMENTS	USACE	08/08			Recommend renumbering and naming "32 01 16.75 Heater Scarifying of Asphalt Paving"						8/15/08
32 01 26.71	GROOVING OF AIRFIELD PAVEMENTS	USACE	08/08			Being edited by USACE TSC. Recommend renaming "Grooving on Concrete Paving"						8/15/08
32 01 29.61	PARTIAL DEPTH PATCHING OF RIGID PAVEMENT	NAVFAC	11/08			To be posted in Nov.	3/17/08	various	7/11/08		8/15/08	11/14/08
33 01 29.62	SLABJACKING RIGID PAVEMENTS	USACE	08/08			Recommend renumbering 31 43 01						8/15/08
32 05 33	LANDSCAPE ESTABLISHMENT	NAVFAC	04/06			Recommend renumbering and naming "32 90 00 Planting" RID and SRF Updates					2/10/10	2/26/10
32 10 00	[PERVIOUS] BITUMINOUS CONCRETE PAVEMENT	NAVFAC	08/08			Recommend renumbering 32 12 20						8/15/08
32 11 10	DRAINAGE LAYER	USACE	08/08			Being edited by USACE TSC.						8/15/08
32 11 16	[BASE COURSE FOR RIGID] [AND SUBBASES FOR FLEXIBLE] PAVING	USACE	08/08			Being edited by USACE TSC. Recommend renaming "SUBBASES Courses"						8/15/08
32 11 16.13	SAND-CLAY [BASE] [SUBBASES] COURSE	NAVFAC	04/06			Recommend renaming "Sand-Clay SUBBASES Courses"						
32 11 16.16	[BASE COURSE FOR RIGID] [AND SUBBASES COURSE FOR FLEXIBLE] [SUBBASES COURSE FOR PERVIOUS] PAVING	NAVFAC	07/06			modified subpart 1.2						11/15/11
32 11 23	AGGREGATE AND/OR GRADED-CRUSHED AGGREGATE BASE COURSE	USACE	08/08			Being edited by USACE TSC. Recommend renaming "Aggregate Base Courses"						8/15/08
32 11 24	GRADED CRUSHED AGGREGATE BASE COURSE FOR [PERVIOUS] [FLEXIBLE] PAVEMENT	NAVFAC	08/08			modified subpart 1.2						11/15/11
32 11 26	BITUMINOUS BASE COURSE	USACE	08/08			Recommend renumbering and naming "32 11 26.19 10 Bituminous Stabilized Base Courses"						8/15/08
32 11 26.16	BITUMINOUS CONCRETE BASE COURSE	NAVFAC	04/06			Recommend renaming "Road Mix Asphaltic Base Courses						
32 11 27	BITUMINOUS-STABILIZED BASE COURSE, SUBBASES, OR SUBGRADE	USACE	08/08			Recommend renumbering and naming "32 11 26.19 20 BITUMINOUS-STABILIZED BASE COURSES"						8/15/08
32 11 29	LIME- [STABILIZED][MODIFIED] SUBGRADE	USACE	08/08			Revised throughout, Pneumatic Tired Rollers, Submittals, Mix Design, Installation, Samp/Test/FQC						11/20/09
32 11 30	LIME TREATED SUBGRADE [LIME MODIFIED SOILS]	NAVFAC	08/08									8/15/08
32 11 33	CEMENT STABILIZED BASE COURSE, SUBBASES OR SUBGRADE	NAVFAC	08/08			Recommend renaming "Cement Base Courses"						8/15/08
32 11 34	PORTLAND CEMENT-STABILIZED BASE OR SUBBASES COURSE	USACE	08/08									8/15/08
32 11 36.13	LEAN CONCRETE BASE COURSE	NAVFAC	04/06									
32 12 10	BITUMINOUS TACK AND PRIME COATS	USACE	08/08			recommend renumbering "32 12 23"						8/15/08
32 12 11	BITUMINOUS SURFACE TREATMENT	USACE	11/08			Recommend renumbering 32 12 22						11/14/08
32 12 15	HOT-MIX ASPHALT (HMA) FOR AIRFIELDS	USACE	04/08			Miscellaneous updates by the USACE Transportation Systems Center						8/25/11
32 12 16	HOT MIX ASPHALT (HMA) FOR ROADS	USACE	08/08			USACE TSC. Recommend renumbering and naming "32 12 16.16 Road-Mix Asphalt Paving" JMF Revisions						8/18/09
32 12 17	HOT MIX BITUMINOUS PAVEMENT	NAVFAC	04/08									4/15/08
32 12 18	RESIN-MODIFIED PAVEMENT SURFACING MATERIAL	USACE	08/08			Being edited by USACE TSC. Recommend renumbering and naming "32 12 19.16 Resin-Modified Asphalt Paving Wearing Courses"						8/15/08
32 12 19	BITUMINOUS BINDER AND WEARING COURSES (CENTRAL-PLANT COLD-MIX)	USACE	08/08			Recommend renumbering 32 12 21.19						8/15/08
32 12 21	BITUMINOUS ROAD-MIX SURFACE COURSE	USACE	08/08									8/15/08
32 12 22.00 10	POLYMER CONCRETE-MICRO-OVERLAY (PCMO) FOR FUEL AND ABRASION RESISTANT	USACE	08/08			Recommend renumbering 32 12 36.33						
32 12 36.19	COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER	NAVFAC	04/06			Not posted in Nov. as planned, email sent 08/09 - 2nd request for posting	3/21/08	-		-	4/18/08	
32 12 37	FUEL-RESISTANT (COAL TAR) SEALER	USACE	08/08			Not posted in Nov. as planned, recommend deletion upon posting of 32 12 36.19	3/21/08	-	-	-	4/18/08	8/15/08
32 12 43.16	POROUS FRICTION COURSE FOR AIRFIELDS AND ROADS	USACE	08/08									8/15/08
32 13 11	CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY-DUTY PAVEMENTS	USACE	04/08			Title Change eliminating volume restriction						8/4/10
32 13 13.06	PORTLAND CEMENT CONCRETE PAVEMENT FOR ROADS AND SITE FACILITIES	NAVFAC	08/08			removed Pervious Concrete data throughout (now in UFGS 32 13 43;						11/15/11
32 13 15.20	CONCRETE PAVEMENT FOR CONTAINMENT DIKES	USACE	11/10			NEW						11/10/10
32 13 16.16	ROLLER-COMPACTED CONCRETE (RCC) PAVEMENT	USACE	11/08			Recommend renaming "Roller-Compacted Concrete (RCC) Paving"						11/15/08
32 13 17	STONE MATRIX ASPHALT (SMA) FOR AIRFIELD PAVEMENTS	USACE	08/08			recommend renumbering and naming "32 12 16.23 Reinforced Asphalt Paving"						8/15/08

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CURRENT UFGS MASTER DATABASE LISTINGS				REVIEW AND EDITING PROCESS			INCORPORATION STEPS					
MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROPONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
32 13 43	PERVIOUS CONCRETE PAVING	NAVFAC	11/15/11			NEW SECTION						11/15/11
32 13 73	COMPRESSION JOINT SEALS FOR CONCRETE PAVEMENTS	USACE	04/08			Recommend renaming "Paving Joint Sealants"						4/15/08
32 15 00	AGGREGATE SURFACE COURSE	USACE	04/08			Recommend renaming "Aggregate Surfacing"						4/15/08
32 16 13	CONCRETE SIDEWALKS AND CURBS AND GUTTERS	USACE	04/08									4/15/08
32 16 15	CONCRETE BLOCK PAVEMENTS	USACE	04/08			Recommend renumbering and naming "32 14 13 Precast Concrete Unit Paving"						4/15/08
32 17 23.00 20	PAVEMENT MARKINGS , request for final sign off sent to NAVFAC 8/17/09, -No Reply	NAVFAC	04/06			4th round comments implemented, sent to TP's 08/17/09, no comments received	2/11/08	various	7/15/08	7/30/08		
32 17 24.00 10	PAVEMENT MARKINGS	USACE	04/08			merged into NAVFAC 32 17 23, 4th round comments implemented.	2/11/08	various	7/15/08	7/30/08		4/15/08
32 18 16.13	PLAYGROUND PROTECTIVE SURFACING	USACE	04/08									4/15/08
32 31 13	CHAIN LINK FENCES AND GATES	NASA	08/10									8/4/10
32 31 13.53	HIGH SECURITY CHAIN LINK FENCES AND GATES	USACE	04/08									4/15/08
32 31 26	WIRE FENCES AND GATES	USACE	04/08									4/15/08
32 32 23	SEGMENTAL CONCRETE BLOCK RETAINING WALL	USACE	04/08			Recommend renumbering and naming "32 32 23.13 Segmental Concrete Unit Masonry Retaining Walls"						4/15/08
32 84 23	UNDERGROUND SPRINKLER SYSTEM	USACE	04/08			Being worked on by UFGS Working Group, Recommend renumbering 32 84 23.00 10						4/15/08
32 84 24	IRRIGATION SPRINKLER SYSTEM	NAVFAC	07/06			deleted reference in subpart 3.1.3.1						8/25/11
32 92 19	SEEDING	NAVFAC	10/06									10/24/06
32 92 23	SODDING	NAVFAC	04/06									
32 92 26	SPRIGGING	NAVFAC	04/06									
32 93 00	EXTERIOR PLANTS	NAVFAC	07/06			RID & SRF Update					2/10/10	2/26/10
32 96 00	TRANSPLANTING EXTERIOR PLANTS	NAVFAC	04/06			RID & SRF Update					2/10/10	2/26/10
DIV 33	UTILITIES											
33 01 50.01	CLEANING FUEL STORAGE TANKS	USACE				NEW					2/10/10	2/26/10
33 01 99	SLIP LINING OF EXISTING PIPING	NASA	05/09									5/18/09
33 05 16	CONCRETE POLES	NAVFAC	08/08			Recommend renumbering and naming "33 71 16.13 Precast Concrete Electrical Utilities Poles"						8/15/08
33 05 23.13	UTILITY HORIZONTAL DIRECTIONAL DRILLING	NASA	02/10									2/26/10
33 05 23.19	TRENCHLESS EXCAVATION USING MICROTUNNELING	NAVFAC	04/06			Recommend renaming "Microtunneling"						
33 08 53	AVIATION FUEL DISTRIBUTION SYSTEM STARTUP	USACE				NEW					2/10/10	2/26/10
33 08 55	COMMISSIONING OF FUEL FACILITY SYSTEMS	AFCESA	07/07									4/17/07
33 09 53	AVIATION FUEL PUMP CONTROL AND ANNUNCIATION SYSTEM	USACE				NEW					2/10/10	2/26/10
33 09 54	AVIATION FUEL PUMP CONTROL AND ANNUNCIATION SYSTEM (TYPE[V][V])	USACE				NEW					2/10/10	2/26/10
33 09 55	AVIATION FUEL PUMP CONTROL AND ANNUNCIATION SYSTEM (CUT-N-COVER TANKS)	USACE				NEW					2/10/10	2/26/10
33 11 00	WATER DISTRIBUTION	NAVFAC	10/06			Recommend renaming "Water Distribution Piping", SRF update. Deleted all "ABS" water service pipe, minor revs						2/25/11
33 11 23	NATURAL GAS AND LIQUID PETROLEUM PIPING	NAVFAC	08/08			merged into USACE 33 51 00, not deleted in Nov. as planned, Removed para. 1.2 re:Y2k, SD-07, 1.7, 2.1	4/17/08		7/11/08	8/8/08	8/28/08	11/20/09
33 12 33.00 30	WATER UTILITY METERING	AFCESA	08/08			Section retitled from WATER METERS						11/15/11
33 16 13.16	WIRE-WOUND CIRCULAR PRESTRESSED-CONCRETE WATER TANK	NAVFAC	04/06			Recommend renaming "Prestressed Concrete Above Ground Water Utility Storage Tanks"						
33 16 15	WATER STORAGE STEEL TANKS	USACE	04/08									4/15/08
33 20 00	WELLS	USACE	04/08									4/15/08
33 24 00.00 20	[EXTRACTION] [MONITORING] WELLS	NAVFAC	04/06			not posted in Nov. of 08 as planned, now nearly three year late (2009).	4/1/08	5/5/08	5/14/08	-	6/17/08	
33 24 13	GROUNDWATER MONITORING WELLS	USACE	08/08									8/15/08
33 26 00.00 10	RELIEF WELLS	USACE	04/08									4/15/08
33 30 00	SANITARY SEWERS	USACE	04/08			Added provisons to allow polypropylene pipes					8/3/12	4/15/08
33 32 13.13	PACKAGED SEWAGE LIFT STATIONS, WET WELL TYPE	NASA	05/09									5/18/09
33 32 13.14	PACKAGED SEWAGE LIFT STATIONS, GRINDER PUMP TYPE	NAVFAC	01/08									1/18/08
33 34 00	FORCE MAINS AND INVERTED SIPHONS; SEWER	USACE	04/08			Recommend renaming "Sanitary Utility Sewerage Force Mains"						4/15/08
33 34 13	SIPHONS, DOSING	USACE	04/08			Recommend renaming "Sanitary Utility Sewerage Inverted Siphons"						4/15/08
33 40 00	STORM DRAINAGE UTILITIES	USACE	01/08			CCR 1438, changed AASHTO M 198 to ASTM C990					8/3/12	2/26/10
33 45 00.00 10	SPEED REDUCERS FOR STORM WATER PUMPS	USACE	04/08			Recommend renumbering and naming "33 45 23 Speed Reducers for Storm Water Drainage Pumps"						4/15/08
33 46 13	FOUNDATION DRAINAGE	USACE	04/08									4/15/08
33 46 16	SUBDRAINAGE SYSTEM	USACE	04/08			Recommend renaming "Subdrainage Piping"						4/15/08
33 47 13	POND AND RESERVOIR LINERS	NAVFAC	04/06									5/10/10
33 51 13.00 30	NATURAL GAS METERING	AFCESA	New			New Section						
33 51 15	NATURAL-GAS / LIQUID PETROLEUM GAS DISTRIBUTION	USACE	11/08				4/17/08	-	7/11/08	8/8/08	8/28/08	11/14/08
33 52 10	SERVICE PIPING, FUEL SYSTEMS	USACE	04/08									4/15/08
33 52 13	EXTERIOR FUEL DISTRIBUTION	NAVFAC	07/06			DELETED; superseded by 33 52 43 and 33 57 00						8/25/11
33 52 43.00 20	AVIATION FUEL DISTRIBUTION AND DISPENSING	NAVFAC	04/06			DELETED; superseded by 33 52 43 and 33 57 00						8/25/11
33 52 43.11	AVIATION FUEL MECHANICAL EQUIPMENT	USACE				NEW					2/10/10	2/26/10
33 52 43.12	AVIATION FUEL PANTOGRAPHS	USACE				NEW					2/10/10	2/26/10
33 52 43.13	AVIATION FUEL PIPING	USACE				NEW					2/10/10	2/26/10
33 52 43.14	AVIATION FUEL CONTROL VALVES	USACE				NEW					2/10/10	2/26/10
33 52 43.23	AVIATION FUEL PUMPS	USACE				NEW					2/10/10	2/26/10
33 52 43.28	FILTER SEPARATOR, AVIATION FUELING SYSTEM	USACE				Revised Coalescer and Separator Cartridges paragraph						11/10/10
33 52 44	AVIATION FUELING SYSTEMS	USACE	04/08			Deleted, Superseded by UFGS 33 57 00						8/25/11
33 52 80	LIQUID FUELS PIPELINE COATING SYSTEMS	NAVFAC	10/07			SRF Update					2/10/10	2/26/10
33 52 90.00 20	WELDING FOR POL SERVICE PIPING	NAVFAC	08/08			will be superseded by USACE when merged section is completed, SRF update						8/15/08
33 56 10	FACTORY-FABRICATED FUEL STORAGE TANKS	USACE	01/08									1/18/08
33 56 13.13	STEEL TANKS WITH FIXED ROOFS	NAVFAC	04/06			Major revision						5/12/12
33 56 13.16	UNDERTANK INTERSTITIAL SPACE	NAVFAC				NEW SECTION						5/12/12
33 56 53	PRESSURE VESSELS FOR STORAGE OF COMPRESSED GASES	USACE	04/08			Recommend renumbering and naming "33 56 23 Compressed Gases Storage Tanks"						4/15/08
33 56 63	FUEL IMPERMEABLE LINER SYSTEM	USACE	04/06			Recommend renumbering 31 35 26.26						
33 57 00	BULK FUEL RECEIVING/DISPENSING EQUIPMENT	USACE				NEW SECTION						8/25/11
33 58 00	LEAK DETECTION FOR FUELING SYSTEM	USACE	04/08									4/15/08
33 59 00	TIGHTNESS TESTING OF UNDERGROUND FUEL SYSTEMS	USACE	04/07									4/17/07
33 60 00.00 10	CENTRAL HIGH TEMPERATURE WATER (HTW) GENERATING PLANT AND AUXILIARIES	USACE	04/08			Recommend renaming "Hydronic and Steam Energy Utilities"						4/15/08
33 60 01	VALVES, PIPING, AND EQUIPMENT IN VALVE MANHOLES	USACE	04/08			Recommend renumbering 33 61 16						4/15/08
33 60 02	ABOVEGROUND HEAT DISTRIBUTION SYSTEM	USACE	04/08			Recommend renumbering and naming "33 61 23 Above Ground Hydronic Energy Distribution"						4/15/08
33 61 00	PREFABRICATED UNDERGROUND HEATING/COOLING DISTRIBUTION SYSTEM	USACE	04/08			Recommend renumbering 33 61 16						4/15/08
33 61 13	PRE-ENGINEERED UNDERGROUND HEAT DISTRIBUTION SYSTEM	USACE	04/08			Recommend renumbering 33 61 17, Updated poured-in-place insulation requirements						8/4/10
33 61 14	EXTERIOR BURIED PREINSULATED WATER PIPING	NAVFAC	04/06			SRF Update					2/10/10	2/26/10
33 61 15	HEAT DISTRIBUTION SYSTEMS IN CONCRETE TRENCHES	USACE	07/06									
33 63 13	EXTERIOR UNDERGROUND STEAM DISTRIBUTION SYSTEM	NAVFAC	04/06			Recommend renaming "Underground Steam and Condensate Distribution Piping"						
33 63 14	EXTERIOR BURIED PUMPED CONDENSATE RETURN	NAVFAC	04/06									
33 63 16	EXTERIOR SHALLOW TRENCH STEAM DISTRIBUTION	NAVFAC	07/06									

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33 63 23	EXTERIOR ABOVEGROUND STEAM DISTRIBUTION	NAVFAC	04/06			Recommend Renaming "Above Ground Steam and Condensate Distribution Piping"						
33 65 00	CLEANING PETROLEUM STORAGE TANKS	NAVFAC	04/06			renumber/renam " 33 01 50.51 Cleaning Fuel Storage Tanks", <b>modified refs in subprt 1.4.9,1.4.11, and 2.2</b>						8/25/11
33 70 02.00 10	ELECTRICAL DISTRIBUTION SYSTEM, UNDERGROUND	USACE	11/08			Being worked on by UFGS Electrical Working Group, Recommend renumbering to "33 71 17.00 10"						11/14/08
33 71 01	OVERHEAD TRANSMISSION AND DISTRIBUTION	NAVFAC	07/06			Merge NASA 26 26 00.00 40 into this section, Recommend 33 71 11.00 20. Pending comments Elec. DWG.	7/2/08	due 7/30				
33 71 01.00 40	OVERHEAD TRANSMISSION AND DISTRIBUTION	NASA	11/08			Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
33 71 02.00 20	UNDERGROUND ELECTRICAL DISTRIBUTION	NAVFAC	08/08			Being worked on by UFGS Electrical Working Group, Recommend renumbering to "33 71 17.00 20"						8/15/08
33 73 00.00 40	UTILITY TRANSFORMERS	NASA	11/08			Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
33 75 00.00 40	SWITCHGEAR AND PROTECTION DEVICES	NASA	11/08			Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format, resolution w/DWG?						11/14/08
33 77 19.00 40	GAS MEDIUM VOLTAGE CIRCUIT BREAKER	NASA	08/10			Perform Standard 3 year cycle Maintenance, incorporate New UFC/CSI Sec format/incorp'd RCBEA Tailoring						8/4/10
33 77 36.00 40	MEDIUM-VOLTAGE UTILITY FUSES	NASA	05/10			Performed Standard 3 year cycle Maintenance, incorporated New UFC/CSI Sec format, QA.						5/10/10
33 81 27	PIER TELEPHONE DISTRIBUTION SYSTEMS	NAVFAC	04/06									
33 82 00	TELECOMMUNICATIONS OUTSIDE PLANT (OSP)	NAVFAC	04/06									
33 82 01	INTERCOMMUNICATION SYSTEM	USACE	04/08			Recommend renumbering and naming "27 51 23.20 Commercial Intercommunications and Program Systems"						4/15/08
33 82 33.00 10	COAXIAL CABLE DATA TRANSMISSION SYSTEM	USACE	04/06			Recommend renumbering and naming "27 13 33.00 10 Communications Coaxial Backbone Cabling"						
DIV 34	TRANSPORTATION											
34 11 00	RAILROAD TRACK AND ACCESSORIES	USACE	04/08			Recommend renaming "Rail Tracks"						4/15/08
34 11 19.00 20	WELDING CRANE AND RAILROAD RAIL - THERMITE METHOD	NAVFAC	04/06			Recommend renumbering and naming "34 11 19.19 20 Track Rail Joint Welding - Thermite Method"						
34 41 26.00 10	ACCESS CONTROL POINT CONTROL SYSTEM	USACE	04/08									2/13/09
34 43 00.00 20	AIRFIELD LIGHTING	NAVFAC	08/08			SRF Update					2/10/10	2/26/10
34 71 13.19	ACTIVE VEHICLE BARRIERS	USACE	04/08			Recommend renaming "Vehicle Traffic Barriers"						4/15/08
34 73 13	MOORING AND GROUNDING POINTS FOR AIRCRAFT	USACE	04/08			Recommend renaming "Aircraft Tiedowns"						4/15/08
DIV 35	WATERWAY AND MARINE											
35 01 41.00 10	ELECTROMECHANICAL OPERATING MACHINERY FOR LOCKS	USACE	04/08			Recommend renumbering 35 49 23.41 10						4/15/08
35 01 42.00 10	VERTICAL GATE LIFT SYSTEMS	USACE	04/08			Recommend renumbering and naming "35 20 16.54 10 Vertical Lift Gate Power Systems"						4/15/08
35 01 43	WIRE ROPE FOR GATE OPERATING DEVICES	USACE	04/08			Recommend renumbering 35 01 70.87						4/15/08
35 20 14	STOPLOGS	USACE	04/08									4/15/08
35 20 16.33	MITER GATES	USACE	01/08			Recommend renaming "Hydraulic Miter Gates"						1/18/08
35 20 16.39	SECTOR GATES	USACE	01/08			Recommend renaming "Hydraulic Sector Gates"						1/18/08
35 20 16.46	TAINTER GATES AND ANCHORAGES	USACE	01/08			Recommend renaming "Hydraulic Tainter Gates and Anchorages"						1/18/08
35 20 16.53	VERTICAL LIFT GATES	USACE	01/08			Recommend renaming "Hydraulic Vertical Lift Gates"						1/18/08
35 20 16.59	CLOSURE GATES	USACE	01/08			Recommend renaming Hydraulic Closure Gates"						1/18/08
35 20 20	ELECTRICAL EQUIPMENT FOR GATE HOIST	USACE	01/08									1/18/08
35 20 23	DREDGING	NAVFAC	04/06									
35 31 19	STONE, CHANNEL, SHORELINE/COASTAL PROTECTION FOR STRUCTURES	USACE	01/08			Recommend renumbering and naming "35 31 00 Shoreline Protection"						1/18/08
35 31 19.20	ARTICULATING CONCRETE BLOCK REVETMENTS	USACE	01/08			Recommend renumbering and naming "35 31 19.16 Concrete Unit Masonry Revetments"						1/18/08
35 41 00	LEVEE CONSTRUCTION	USACE	01/08									1/18/08
31 42 34	REINFORCED SOIL SLOPE	USACE	01/08			Recommend renumbering and naming "31 35 19 GEOSYNTHETIC Slope Protection"						1/18/08
35 51 13.00 20	CONCRETE FLOATING PIER FOR SMALL CRAFT	NAVFAC	04/06			Recommend renumbering 35 51 13.21 20						
35 59 13.13	PRESTRESSED CONCRETE FENDER PILING	NAVFAC	04/06			Recommend renaming "Prestressed Concrete Marine Fender Piling"						
35 59 13.14 20	POLYMERIC FENDER PILES	NAVFAC	08/08			Modified subparts 1.3.2.1,2.4,2.4.1, and 2.4.2					8/3/12	8/15/08
35 59 13.16	MARINE FENDERS	NAVFAC	08/08			Modified subparts 2.3.1,2.3.3,2.3.3.1,2.3.4.2,2.3.4.3,2.3.6,2.3.6.4, and 3.3					8/3/12	5/20/11
35 59 13.19	ARCH-TYPE RUBBER MARINE FENDERS	NAVFAC	04/06									
35 73 13	EMBANKMENT FOR EARTH DAMS	USACE	01/08			Recommend renaming "Earth Embankment Dam"						1/18/08
DIV 36-39	RESERVED FOR FUTURE EXPANSION											
DIV 40	PROCESS INTEGRATION											
40 05 13.96	WELDING PROCESS PIPING	USACE	04/06			Renumbering and renaming of UFGS 43 02 00, closes CCR's 3307 and 3309						5/10/10
40 17 26.00 20	WELDING PRESSURE PIPING	NAVFAC	04/06			Per Dan and review of NASA 23 31 13.20 40 section this section should be renumbered to 40 17 31						
40 17 30.00 40	WELDING GENERAL PIPING	NASA	08/10									8/4/10
40 18 00	VACUUM SYSTEMS PROCESS PIPING	NASA	02/11	DKS	8/10/12	Tri-annual database maintenance, imperative language, submittal subpart clean up.						2/25/11
40 05 13	PIPELINES, LIQUID PROCESS PIPING	USACE	10/07			Recommend renumbering and naming "40 20 00 Liquids Process Piping"						10/12/07
40 95 33.23 20	FIBER OPTIC (FO) OUTSIDE PLANT (OSP) MEDIA	NAVFAC	04/06			Recommend renumbering 27 13 23.00 20, Pending comments from Elec. DWG.	2/27/08	3/26/08	pending			
DIV 41	MATERIAL PROCESSING AND HANDLING EQUIPMENT											
41 22 13.13	BRIDGE CRANES	NAVFAC	04/08									4/15/08
41 22 13.14	BRIDGE CRANES, OVERHEAD ELECTRIC, TOP RUNNING	NAVFAC	04/08									4/15/08
41 22 13.15	BRIDGE CRANES, OVERHEAD ELECTRIC, UNDER RUNNING	NAVFAC	04/08									4/15/08
41 22 13.16	GANTRY CRAINS	NAVFAC	04/08									4/15/08
41 22 13.33	PORTAL CRANE TRACK INSTALLATION	NAVFAC	04/08			Revised para 2.4.2, other minor revisions throughout						5/10/10
41 22 23.19	MONORAILS WITH ELECTRIC, AIR, OR MANUAL POWERED HOIST	NAVFAC	04/08									4/15/08
41 24 26	HYDRAULIC FLUID POWER SYSTEMS	USACE	01/08									1/18/08
41 24 27.00 10	HYDRAULIC POWER SYSTEMS FOR CIVIL WORKS STRUCTURES	USACE	01/08									1/18/08
41 36 30.00 10	ULTRASONIC INSPECTION OF PLATES	USACE	01/08			Recommend renumbering 41 36 29.40 10						1/18/08
41 65 10.00 10	(DIESEL)[NATURAL GAS] FUELED ENGINE PUMP DRIVES	USACE	01/08			Recommend renumbering and naming "33 45 16.00 10 Diesel/Natural Gas Fueled Engine Vertical Pump Drives for Flood						5/18/09
DIV 42	PROCESS HEATING, COOLING, AND DRYING EQUIPMENT											
42 22 00.00 40	PROCESS CHILLERS AND COOLERS	NASA	5/11	DKS	2/3/12	Tri-annual database maintenance, imperative language, submittal subpart cleaned up.						2/25/11
42 22 13.00 40	CENTRIFUGAL PROCESS CHILLERS AND COOLERS	NASA	02/11									2/25/11
42 22 16.00 40	RECIPROCATING PROCESS CHILLERS AND COOLERS	NASA	05/11									2/25/11
42 23 13.00 40	PROCESS CONDENSERS	NASA	02/11									2/25/11
DIV 43	PROCESS GAS AND LIQUID HANDLING, PURIFICATION AND STORAGE EQUIPMENT											
43 02 00	WELDING PRESSURE PIPING	USACE	04/06									
43 11 00	FANS/BLOWERS/PUMPS; OFF-GAS	USACE	04/08			Recommend naming "Gas Fans, Blowers and Pumps"						4/15/08
43 13 13.13	VAPOR PHASED ACTIVATED CARBON ADSORPTION UNITS	USACE	10/07			check for redundancy, Recommend renumbering and naming "43 31 13.13 Activated Carbon-Gas and Liquid Purification						10/12/07
43 15 00.00 20	LOW PRESSURE COMPRESSED AIR PIPING (NON-BREATHING AIR TYPE)	NAVFAC	04/06			Recommend Renumbering and naming "40 12 16.20 20 Non-Breathing Compressed-Air Process Piping (Low Pressure)						
43 21 13	PUMPS: WATER, CENTRIFUGAL	USACE	01/08			Recommend renaming "Centrifugal Liquid Pumps"						1/18/08
43 21 29	FLOW MEASURING EQUIPMENT [POTABLE WATER] [SEWAGE TREATMENT PLANT]	NAVFAC	04/06			Recommend renaming "Liquid Metering Pumps"						
43 21 39	PUMPS: WATER VERTICAL TURBINE	USACE	04/08			Recommend renaming "Submersible Liquid Pumps"						4/15/08
43 31 13.14	DOWNFLOW LIQUID ACTIVATED CARBON ADSORPTION UNITS	USACE	10/07									10/12/07
43 31 14	TRICKLING FILTER	USACE	04/06			Recommend renumbering 44 45 15						
43 32 69	CHEMICAL FEED SYSTEMS	USACE	04/06									

UFGS MASTER DATABASE TRACKING CHART

CURRENT UFGS MASTER DATABASE LISTINGS				REVIEW AND EDITING PROCESS			INCORPORATION STEPS					
MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	HEADER DATE	ASSIGNED TO	ASSIGNED DATE	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP'S	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	CURRENT UPDATE OR POSTING VERIFIED
43 32 76	CHLORINE-FEEDING MACHINES (AUTOMATIC, SEMIAUTOMATIC AND MANUAL)	USACE	01/08			Recommend renaming "Chlorination Equipment"						1/18/08
43 41 16.16	VERTICAL ATMOSPHERIC TANKS AND VESSELS	NASA	02/11									2/25/11
DIV 44	POLLUTION CONTROL EQUIPMENT											
44 10 00	AIR POLLUTION CONTROL	USACE	10/07									10/12/07
44 13 52	THERMAL (CATALYTIC) OXIDATION SYSTEMS	USACE	10/07			Recommend renaming "Thermal Oxidizers" Renumbered without revision to comply with MF 2010						2/25/11
DIV 45	INDUSTRY-SPECIFIC MANUFACTURING EQUIPMENT											
	(NOT USED)											
DIV 46	WATER AND WASTE WATER EQUIPMENT											
46 07 53.13	PACKAGED WASTEWATER TREATMENT EQUIPMENT, AERATION	NAVFAC				Superseding UFGS 44 42 13.00 20 without revisions to comply with MF 2010						2/25/11
46 07 53.16	PACKAGED WASTEWATER TREATMENT EQUIPMENT, BIOCHEMICAL	USACE				Superseding UFGS 44 41 13 without revisions to comply with MF 2010						2/25/11
46 07 53.19	COMPOSTING TOILETS	USACE				Superseding UFGS 44 41 13.19 without revisions to comply with MF 2010						2/25/11
46 20 20	SEWAGE BAR SCREEN AND MECHANICAL SHREDDER	USACE				Superseding UFGS 22 13 23 without revisions to comply with MF 2010						2/25/11
46 23 00	GRIT REMOVAL AND HANDLING EQUIPMENT	NAVFAC				Superseding UFGS 44 42 39 without revisions to comply with MF 2010						2/25/11
46 24 16	COMMINUTORS	USACE				Superseding UFGS 44 42 26 without revisions to comply with MF 2010						2/25/11
46 25 14	COALESCING (OR VERTICAL TUBE) OIL-WATER SEPARATORS	NAVFAC				Superseding UFGS 44 42 53 without revisions to comply with MF 2010						2/25/11
46 30 13	ADVANCED OXIDATON PROCESSES (AOP)	USACE				Superseding UFGS 44 44 53 without revisions to comply with MF 2010						2/25/11
46 43 21	CIRCULAR CLARIFIER EQUIPMENT	NAVFAC				Superseding UFGS 44 42 23 without revisions to comply with MF 2010						2/25/11
46 51 00.00 10	AIR AND GAS DIFFUSION EQUIPMENT	USACE				Superseding UFGS 44 42 13.00 10 without revisions to comply with MF 2010						2/25/11
46 53 52	CONTINUOUS LOOP REACTOR WASTEWATER TREATMENT SYSTEM	USACE				Superseding UFGS 44 42 59 without revisions to comply with MF 2010						2/25/11
46 61 00	FILTRATION EQUIPMENT	USACE				Superseding UFGS 44 43 00 without revisions to comply with MF 2010						2/25/11
46 66 56	OPEN-CHANNEL DISINFECTION EQUIPMENT	USACE				Superseding UFGS 44 44 73 without revisions to comply with MF 2010						2/25/11
46 71 16	GRAVITY BELT THICKENERS	USACE				Superseding UFGS 46 76 23.16 without revisions to comply with MF 2010						2/25/11
46 73 00.35	SLUDGE-DIGESTER GAS, HEATING, AND MIXING SYSTEM	USACE				Superseding UFGS 44 46 19 without revisions to comply with MF 2010						2/25/11
46 73 10	FLOATING COVER FOR SLUDGE-DIGESTION TANKS	USACE				Superseding UFGS 44 46 20 without revisions to comply with MF 2010						2/25/11
46 76 23.16	RECESSED CHAMBER FILTER PRESS SYSTEM	USACE				Superseding UFGS 44 46 16 without revisions to comply with MF 2010						2/25/11
DIV 47	RESERVED FOR FUTURE EXPANSION											
DIV 48	ELECTRICAL POWER GENERATION											
48 13 19.00 10	TURBINE OIL	USACE	01/08									11/14/08
48 14 13.00 20	SOLAR LIQUID FLAT PLATE COLLECTORS	NAVFAC	04/06			Recommend renaming "Solar Energy Collectors" per CSI MF guide, reference update, modified notes in 1.4.1,1.5						5/20/11
DIV 49	RESERVED FOR FUTURE EXPANSION											