

UFGS MASTER DATABASE TRACKING CHART

LEGEND:	
	SGS assigned NASA sections for editing
mm/dd/yy	Progress bar / Date of action or "-" for no response by deadline
##	SGS assigned DoD groups (sections) for editing
	Possible future DoD groups for editing by SGS
	SGS recommended changes on Army and Navy sections related to CSI MF '04

Space Gateway Support (SGS) 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 recent SGS 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 and the previous CSI MF '95 number. After that 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					
		A	B	C	D	E	F	G	H	I	J	K
MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	MASTER FORMAT '95 NUMBER	INITIATE REVIEW	REVIEW COMPLETED	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR OA & POSTING	POSTING VERIFIED & CCR CLOSED
GROUP I	PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP			m/d/yr	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	00102			Recommend renaming "List of Drawing Sheets"						
00 22 13	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	NAVFAC	00120									
00 31 10	METRIC MEASUREMENTS	USACE	01415			Recommend renaming and renumbering "01 49 19.15 10 METRIC MEASUREMENT REQUIREMENTS"						
00 41 00	BID SCHEDULES	NAVFAC	00101			Recommend renaming "BID FORMS"						
00 73 01	SPECIAL CONDITIONS FOR GUANTANAMO BAY PROJECTS	NAVFAC	01011			Recommend removal of local specification from database - DWG approved removal				5/2/07	n/a	
00 73 02	SPECIAL CONDITIONS FOR ICELAND PROJECTS	NAVFAC	01013			Recommend removal of local specification from database - DWG approved removal				5/2/07	n/a	
00 73 03	SPECIAL CONDITIONS FOR AZORES PROJECTS	NAVFAC	01014			Recommend removal of local specification from database - DWG approved removal				5/2/07	n/a	
00 73 04	SPECIAL CONDITIONS FOR PROJECTS IN THE MEDITERRANEAN AREA	NAVFAC	01015			Recommend removal of local specification from database - DWG approved removal				5/2/07	n/a	
GROUP II	SPECIFICATIONS GROUP											
DIVISION 01	GENERAL REQUIREMENTS											
01 11 00	SUMMARY OF WORK	NAVFAC	01110									
01 11 00.00 40	SUMMARY OF WORK	NASA	01110S		5/15/06	To be merged with NAVFAC 01 11 00						
01 14 00	WORK RESTRICTIONS	NAVFAC	01140									
01 20 00.00 20	PRICE AND PAYMENT PROCEDURES	NAVFAC	01200N									
01 20 01.00 10	COST AND PERFORMANCE REPORT	USACE	01240A			Recommend renaming and renumbering "01 35 13.41 10 Special Procedures for Remediation Projects"						
01 22 00.00 10	MEASUREMENT AND PAYMENT	USACE	01270A			Recommend renaming "Unit Prices"						
01 30 00	ADMINISTRATIVE REQUIREMENTS	NAVFAC	01310									4/17/07
01 31 19.00 40	PROJECT MEETINGS	NASA	01315S									
01 31 23	WEB BASED CONSTRUCTION MANAGEMENT (WEBCM)	NAVFAC	01322			Recommend renumbering "01 31 30"						
01 32 01.00 10	PROJECT SCHEDULE	USACE	01320A									1/12/07
01 32 16.00 20	[DESIGN AND] CONSTRUCTION PROGRESS DOCUMENTATION	NAVFAC	01320N									
01 32 17.00 20	NETWORK ANALYSIS SCHEDULE	NAVFAC	01321N									1/12/07
01 33 00	SUBMITTAL PROCEDURES	NAVFAC	01330	8/1/06	8/8/06	Submitted 4th round draft	Various	Various	5/11/07			1/12/07
01 33 29	LEED™ DOCUMENTATION	NAVFAC	NEW									
01 35 13	SPECIAL PROJECT PROCEDURES	NAVFAC	01150			NASA incorporated						7/31/06
01 35 23.00 40	OWNER SAFETY REQUIREMENTS	NASA	01411S									
01 35 29	SAFETY, HEALTH, AND EMERGENCY RESPONSE (HTRW/UST)	USACE	01351			Recommend merging 01 35 30 into this section.						
01 35 30	SAFETY AND OCCUPATIONAL HEALTH REQUIREMENTS	NAVFAC	01525			Recommend merging this section into 01 35 29						
01 35 40.00 20	ENVIRONMENTAL MANAGEMENT	NAVFAC	NEW									
01 35 45.00 10	CHEMICAL DATA QUALITY CONTROL	USACE	01450A									
01 42 00	SOURCE OF REFERENCE PUBLICATIONS	USACE	01420	12/18/06	12/15/05	NASA incorporated						7/31/06
1 01 45 00.00 20	CONSTRUCTION QUALITY CONTROL	NAVFAC	01450N	12/18/06	4/6/07	Make stand alone section 01 45 02 NAVFAC Quality Control - approved by DWG						1/12/07
1 01 45 00.00 40	QUALITY CONTROL	NASA	01450S		4/6/07	Make stand alone section 01 45 04 NASA Quality Control - approved by DWG						
1 01 45 01.00 20	QUALITY CONTROL (QC) - MINOR CONSTRUCTION	NAVFAC	01455N	12/18/06	4/6/07	recommend renumbering and naming 01 45 02.10 NAVFAC Quality Control for Minor Construction - Approved by DWG						
1 01 45 02.00 10	QUALITY CONTROL SYSTEM (QCS)	USACE	01312A			recommend renumbering and naming 01 45 01.10 USACE Quality Control System (QCS) - Approved by DWG						10/24/06
1 01 45 04.00 10	CONTRACTOR QUALITY CONTROL	USACE	01451A	12/18/06	4/6/07	Make stand alone section 01 45 01 USACE Quality Control - approved by DWG						10/24/06
01 45 35	SPECIAL INSPECTION FOR SEISMIC-RESISTING SYSTEMS	USACE	01452									
2 01 50 00.00 20	TEMPORARY FACILITIES AND CONTROLS	NAVFAC	01500N			recommend merging this section into 01 50 02.00 10	4/5/07	4/9/07				
2 01 50 00.00 40	TEMPORARY FACILITIES AND CONTROLS	NASA	01500S	1/26/06	2/17/06	recommend merging this section into 01 50 02.00 10	4/5/07	-	3/3/06			
2 01 50 02.00 10	TEMPORARY CONSTRUCTION FACILITIES	USACE	01500A	1/26/06		recommend merging 01 50 00.00 20 & 40 into this section and renaming 01 50 00 Temporary Facilities and Controls	4/5/07	-	5/15/07			
3 01 57 19.00 20	TEMPORARY ENVIRONMENTAL CONTROLS	NAVFAC	01575N									
01 57 19.01	TEMPORARY ENVIRONMENTAL CONTROLS (GTMO)	NAVFAC	01576		3/3/06	Recommend removal of local specification from database - DWG approved removal				5/2/07	n/a	
3 01 57 20.00 10	ENVIRONMENTAL PROTECTION	USACE	01355A			Recommend renumbering and renaming " 01 57 19.00 10 TEMPORARY ENVIRONMENTAL CONTROLS"						
3 01 57 23.00 10	STORM WATER POLLUTION PREVENTION MEASURES	USACE	01356A			Recommend renaming "TEMPORARY STORM WATER POLLUTION CONTROL"						
01 58 00	PROJECT IDENTIFICATION	NAVFAC	01580									1/12/07
01 60 00.00 40	PRODUCT REQUIREMENTS	NASA	01600S	3/21/05	3/23/05	To be re-written upon confirmation of 01 50 00.00 40 / 01 50 00.00 20 merge, and removal of redundant information.						
01 62 35	RECYCLED/RECOVERED MATERIALS	USACE	01670									
01 73 19	INSTALLATION OF GOVERNMENT-FURNISHED MEDICAL EQUIPMENT	NAVFAC	11708		3/4/06	Recommend renumbering and naming "02 42 72 Removal or Relocation of Government -Furnished Medical Eqpt"						
01 74 19	CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT	USACE	01572									
01 75 00	STARTING AND ADJUSTING	NASA U	1750S	8/10/06	8/14/06	NASA unique	8/17/06	-	-	8/29/06	8/29/06	10/23/06
4 01 77 00.00 20	CLOSEOUT PROCEDURES	NAVFAC	01770N			To be merged with USACE 01 78 02.00 10	4/19/07					1/12/07
4 01 78 02.00 10	CLOSEOUT SUBMITTALS	USACE	01780A			renumber to 01 78 00 due to merger	4/19/07			5/14/07		
4 01 78 00.00 40	CLOSEOUT SUBMITTALS	NASA	01780S	10/12/05	4/14/06	To be merged with USACE 01 78 02.00 10	4/19/07					
01 78 23	OPERATION AND MAINTENANCE DATA	NAVFAC	01781									
DIV 02	EXISTING CONDITIONS											
02 01 50	OPERATION, MAINTENANCE AND PROCESS MONITORING FOR SOIL VAPOR EXTRACTION	USACE	01830			recommend renaming "Maintenance of Site Remediation"						
02 32 00	SUBSURFACE DRILLING, SAMPLING AND TESTING	USACE	02210			recommend renaming "Geotechnical Investigations"						
02 35 27	SOIL-BENTONITE (S-B) SLURRY TRENCH	USACE	02262									
02 41 00	DEMOLITION AND DECONSTRUCTION	USACE	02220			NASA incorporated						10/24/06
02 42 91	REMOVAL AND SALVAGE OF HISTORIC BUILDING MATERIALS	USACE	02226			recommend renaming "Removal and Salvage of Historic Construction Materials"						
02 51 13	PRECIPITATION / COAGULATION / FLOCCULATION WATER TREATMENT	USACE	11220									
02 53 13	REMEDIAION OF CONTAMINATED SOILS AND SLUDGES BY INCINERATION	USACE	02180			recommend renumbering "02 53 13.13"						
02 53 16	REMEDIAION OF CONTAMINATED SOILS BY THERMAL DESORPTION	USACE	02181			recommend renumbering "02 53 16.13"						
02 54 20	BIOREMEDIATION OF SOILS USING LAND FARMING SYSTEMS	USACE	02190			recommend renumbering and renaming "02 54 19.13 Bioremediation Using Land farming"						
02 54 21	BIOREMEDIATION OF SOILS USING WINDROW COMPOSTING	USACE	02191			recommend renumbering "02 54 19.16"						

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02 54 23	SOIL WASHING THROUGH SEPARATION/SOLUBILIZATION	USACE	02151									
02 55 00	SOLIDIFICATION/STABILIZATION (S/S) OF CONTAMINATED MATERIAL	USACE	02160			recommend renaming "Remediation Soil Stabilization"						
02 56 13	WASTE CONTAINMENT GEOMEMBRANE	USACE	02372			recommend renumbering and naming "02 56 13.13 GEOMEMBRANE WASTE CONTAINMENT"						
02 56 14	CLAY BARRIER LAYER	USACE	02377			recommend renumbering and naming "31 35 26.13 Clay Containment Barriers"						
02 56 15	GEOSYNTHETIC CLAY LINER (GCL)	USACE	02376			recommend renumbering and naming "31 35 26.15 GEOSYNTHETIC Clay Liner (GCL)"						
02 61 13	EXCAVATION AND HANDLING OF CONTAMINATED MATERIAL	USACE	02111									
02 61 23	REMOVAL AND DISPOSAL OF PCB CONTAMINATED SOILS	NAVFAC	13285			recommend renaming "REMOVAL AND DISPOSAL OF POLYCHLORINATE BIPHENYL CONTAMINATED SOILS"						
02 62 16	COMMISSIONING AND DEMONSTRATION FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE	01810			recommend renumbering "02 62 08"						
02 65 00.00 20	REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANKS	NAVFAC	02115N			recommend renaming "Underground Storage Tank Removal"						
02 65 01.00 10	UNDERGROUND STORAGE TANK REMOVAL	USACE	02115A			recommend renumbering "02 65 00.00 10"						
02 66 10	TEST FILL	USACE	02318			recommend renumbering and naming "31 23 23 FILL"						
02 81 00	TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS	USACE	02120									
02 82 14.00 10	ASBESTOS HAZARD CONTROL ACTIVITIES	USACE	13280A			recommend renumbering and naming "02 82 13.00 10 Asbestos Remediation"						
02 82 16.00 20	ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS	NAVFAC	13281N									
02 82 33.13 20	REMOVAL / CONTROL AND DISPOSAL OF PAINT WITH LEAD	NAVFAC	13283N			recommend renumbering and naming "02 83 33.13 20 Lead Based Paint Removal and Disposal"						
02 83 13.00 20	LEAD IN CONSTRUCTION	NAVFAC	13282N			recommend renaming "Lead Hazard Control Activities"						
02 83 19.00 10	LEAD BASED PAINT HAZARD ABATEMENT, TARGET HOUSING & CHILD OCCUPIED FACILITIES	USACE	13281A			recommend renaming "Lead Based Paint Removal and Disposal (Target Housing & Children)"						
02 84 16	HANDLING OF LIGHTING BALLASTS AND LAMPS CONTAINING PCBs AND MERCURY	NAVFAC	13286			Being worked on by UFGS Electrical Working Group						
02 84 33	REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBs)	NAVFAC	13284									
DIV 03	CONCRETE											
03 01 30	RESTORATION OF CONCRETE IN HISTORIC STRUCTURES	USACE	03900			recommend renaming "Maintenance of Cast-in-Place Concrete"						
03 01 30.71	CONCRETE REHABILITATION	NAVFAC	03930									
03 01 32	CONCRETE REHABILITATION FOR CIVIL WORKS	USACE	03931									
03 11 13.00 10	STRUCTURAL CONCRETE FORMWORK	USACE	03100			recommend renaming "Structural Cast-in-Place Concrete Forming"						
03 11 14.00 10	FORMWORK FOR CONCRETE	USACE	03101A			recommend renumbering and naming "03 11 00.00 10 Concrete Forming"						
03 15 13.00 10	EXPANSION JOINTS, CONTRACTION JOINTS, AND WATER STOPS	USACE	03150A									
03 15 14.00 10	EXPANSION, CONTRACTION AND CONSTRUCTION JOINTS IN CONCRETE	USACE	03151A			Redundant						
03 20 01.00 10	CONCRETE REINFORCEMENT	USACE	03200A			recommend renumbering and naming "03 20 00.00 10 Concrete Reinforcing"						
03 20 02	STEEL BARS AND WELDED WIRE FABRIC FOR CONCRETE	USACE	03201		2/24/06	Redundant						
03 23 00	STEEL STRESSING TENDONS AND ACCESSORIES FOR PRESTRESSED CONCRETE	USACE	03230			recommend renaming "Stressing Tendons"						
03 30 00.00 20	CAST-IN-PLACE CONCRETE	NAVFAC	03300N			NASA 03 30 00 to be merged into this section	4/26/07					
03 30 00.00 40	CAST-IN-PLACE CONCRETE	NASA	03300S		10/20/05	to be merged with NAVFAC 03 30 00	4/26/07					4/17/07
03 30 04	CONCRETE FOR MINOR STRUCTURES	USACE	03307			recommend renumbering and naming "03 30 53.00 10 Miscellaneous Cast-in-Place Concrete"						
03 30 53.00 40	MISCELLANEOUS CAST-IN-PLACE CONCRETE	NASA	03305S		10/13/05	Recommend merger with 03 30 04 (03 30 53.00 10).						4/17/07
03 31 00.00 10	CAST-IN-PLACE STRUCTURAL CONCRETE	USACE	03300A			recommend renaming "Structural Concrete"						
03 31 01.00 10	CAST-IN-PLACE STRUCTURAL CONCRETE FOR CIVIL WORKS	USACE	03301A			recommend renaming "Architectural Concrete"						
03 31 29	MARINE CONCRETE	NAVFAC	03311			recommend renumbering "03 37 26"						4/17/07
03 33 00	CAST-IN-PLACE ARCHITECTURAL CONCRETE	USACE	03330			recommend renumbering and naming "03 75 00.00 10 Structural Concrete for Civil Works"						
03 37 00	PREPLACED-AGGREGATE CONCRETE	USACE	03372			recommend renaming "Specialty Placed Concrete"						
03 37 13	SHOTCRETE	USACE	03371									
03 37 23	ROLLER-COMPACTED CONCRETE FOR MASS CONCRETE CONSTRUCTION	USACE	03701			recommend renaming "Roller-compacted Concrete"						
03 37 29	CONCRETE FOR CONCRETE CUTOFF WALLS	USACE	03373									
03 40 00.00 10	PLANT-PRECAST CONCRETE PRODUCTS FOR BELOW GRADE CONSTRUCTION	USACE			5/18/06	Completed editing recommendations with P. Rossbach,						8/1/06
03 41 33 .00 10	PRECAST/PRESTRESSED CONCRETE FLOOR AND ROOF UNITS	USACE	03410A			Recommend renaming "Precast Structural Pretensioned Concrete" and that this section be merged into 03 41 33.00 40						
03 41 33.00 40	PRECAST STRUCTURAL PRETENSIONED CONCRETE	NASA	03413S	6/2/05	8/3/05	Recommend that USACE 03 41 33.00 10 be merged into this section						4/17/07
03 41 36.00 10	PRECAST ROOF DECKING	USACE	03414A			recommend renumbering "03 41 40.00 10"						
03 45 00	PLANT-PRECAST ARCHITECTURAL CONCRETE	NAVFAC	03450			recommend renumbering and naming "03 45 00.00 20 Precast Architectural Concrete"						
03 45 00.00 40	PRECAST ARCHITECTURAL CONCRETE	NASA	03475S	6/2/05	10/18/06	Recommend merge with 03 45 00.00 10 and 03 45 00.00 20						4/17/07
03 45 01.00 10	PRECAST ARCHITECTURAL CONCRETE	USACE	03413A			recommend renumbering "03 45 00.00 10"						
03 45 33	PRECAST [PRESTRESSED] STRUCTURAL CONCRETE	NAVFAC	03410			recommend renaming "Precast Architectural Pretensioned Concrete"						
03 47 00.00 40	SITE-CAST CONCRETE	NASA	03470S	6/2/05	8/25/05	Re-evaluate previous edits - 8/17/06						1/12/07
03 50 00.00 40	CAS T DECKS AND UNDERLAYMENTS	NASA	03435S	6/2/05	8/25/05	Re-evaluate previous edits - 8/17/06						4/17/07
03 51 00	ROOF DECKING, CAS-IN-PLACE LOW DENSITY CONCRETE	USACE	03340			recommend renaming "Cast Roof Decks"						
03 51 16	GYPSUM PLANK DECKING (CONTRACTOR'S OPTION)	USACE	03511			recommend renumbering and naming "03 51 18 Gypsum Concrete Floor Deck Systems"						
03 52 00	LIGHTWEIGHT CONCRETE ROOF INSULATION	NAVFAC	03520									
03 53 14.00 20	LIGHT REFLECTIVE NONFERROUS METALLIC AGGREGATE FLOOR SYSTEM	NAVFAC	03010N			recommend renumbering and naming "03 35 18.00 20 Light Reflective Nonferrous Metallic Aggregate Concrete Floor Finishing"						
03 62 16	METALLIC NON-SHRINK GROUTING	NASA_U	03601		2/14/05	Posted to web as NASA Unique, renamed to comply with CSI						1/26/06
03 70 00	MASS CONCRETE	USACE	03700								5/24/05	
DIV 04	MASONRY											
04 01 20	REHABILITATION OF REINFORCED AND UNREINFORCE MASONRY WALLS USING FRP COMPOSITE STRUCTURAL REPOINTING	USACE	04910			recommend renumbering and naming "04 01 20.94 Unit Masonry Restoration Using FRP Rod and Shapes"						
04 01 21	REHABILITATION OF REINFORCED AND UNREINFORCE MASONRY WALLS USING SURFACE APPLIED FRP COMPOSITES	USACE	04920			recommend renumbering and naming "04 01 20.95 Unit Masonry Restoration Using FPR Sheet Systems"						
04 01 40	RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES	USACE	04900			recommend renumbering "04 01 20.70"						
04 20 00	MASONRY	USACE	04200			Currently being rewritten by USACE, Recommend renaming "Unit Masonry". NASA incorporated						10/24/06
04 21 13.13	NONBEARING MASONRY VENEER/STEEL STUB WALLS	USACE	04810			recommend renumbering and naming "04 25 13 Metal-Supported Unit Masonry Panels"						
04 21 26	GLAZED STRUCTURAL CLAY TILE AND PREFACED CONCRETE MASONRY UNITS	USACE	04215			recommend renaming "Glazed Structural Clay Tile Masonry"						7/31/06
04 23 00	GLASS MASONRY UNITS	USACE	04270			recommend renaming "Glass Unit Masonry"						
DIV 05	METALS											
05 05 23.00 14	WELDING, STRUCTURAL	USACE	05090A			NASA incorporated, recommend renumbering "05 05 23.12"						7/31/06
05 05 23.13 10	ULTRASONIC INSPECTION OF WELDMENTS	USACE	05091A									

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05 12 00	STRUCTURAL STEEL FRAMING	NAVFAC	05120			NASA incorporated						7/31/06
05 14 00.13	WELDING STRUCTURAL ALUMINUM FRAMING	NASA_U	05096		2/14/05	NASA Unique						4/17/07
6 05 21 00.00 20	STEEL JOIST FRAMING [AND JOIST GIRDERS]	NAVFAC	05210N	1/26/07	2/5/07	recommend renumbering and naming "05 21 16 Longspan Steel Joist Framing" due to disassembly	2/6/07	3/7/07	3/7/07			
6 05 21 02.00 10	STEEL JOIST	USACE	05210A	1/26/07	2/5/07	recommend renumbering and naming "05 21 19 Open Web Steel Joist Framing" due to disassembly	2/6/07	3/7/07	3/7/07			
6 05 21 13	DEEP LONGSPAN STEEL JOIST FRAMING	USACE	NEW	1/26/07	2/5/07	New section due to disassembly	2/6/07	3/7/07	3/7/07			
6 05 21 23	STEEL JOIST GIRDER FRAMING	NAVFAC	NEW	1/26/07	2/5/07	New section due to disassembly	2/6/07	3/7/07	3/7/07			
05 30 00	STEEL DECKS	NAVFAC	05310			NASA incorporated, recommend renumbering and naming "05 31 00 Steel Decking"						10/15/06
05 40 00	COLD-FORMED METAL FRAMING	NAVFAC	05400									
05 50 00	METAL FABRICATIONS	NAVFAC	05500									10/24/06
05 50 03.00 10	METALWORK FABRICATION, MACHINE WORK, MISCELLANEOUS PROVISIONS	USACE	05055A									
05 50 04.00 10	METALS: MISCELLANEOUS, STANDARD ARTICLES, SHOP FABRICATED ITEMS	USACE	05502									7/31/06
05 51 00.00 40	METAL STAIRS	NASA	05510S	8/12/05	8/12/05	recommended for deletion, NASA request re-evaluation						4/17/07
05 72 00	DECORATIVE METAL SPECIALTIES	NASA_U	05700S	8/2/05	8/12/05	NASA Unique	4/16/07				5/14/07	4/17/07
DIV 06	WOOD, PLASTICS, AND COMPOSITES											
06 10 00	ROUGH CARPENTRY	NAVFAC	6100									
06 13 33	PIER TIMBERWORK	NAVFAC	02398			recommend renaming "Heavy Timber Pier Construction"						
06 18 00	GLUE-LAMINATED CONSTRUCTION	NASA_U	06182S	12/4/04	2/14/05	NASA Unique						4/17/07
06 20 00	FINISH CARPENTRY	NAVFAC	06200									
06 41 16.00 10	LAMINATE-CLAD ARCHITECTURAL CASEWORK	USACE	06410A			recommend renumbering and naming "06 41 16 Plastic Laminate Clad Architectural Casework"						
06 61 16	SOLID POLYMER (SOLID SURFACING) FABRICATIONS	USACE	06650			recommend renaming "Solid Surfacing Fabrications"						
DIV 07	THERMAL AND MOISTURE PROTECTION											
07 11 13	BITUMINOUS DAMP PROOFING	NAVFAC	07112									
07 12 00	BUILT-UP BITUMINOUS WATERPROOFING	NAVFAC	07121									
07 13 53	ELASTOMERIC SHEET WATERPROOFING	NAVFAC	07131									
07 14 00	FLUID-APPLIED WATERPROOFING	NAVFAC	07141									
07 16 19	METALLIC OXIDE WATERPROOFING	NAVFAC	07161									
07 17 00	BENTONITE WATERPROOFING	NAVFAC	07170									
07 19 00	WATER REPELLENTS	NAVFAC	07190									
07 21 13	BOARD AND BLOCK INSULATION	NAVFAC	07214			recommend renaming "Board Insulation"						
07 21 16	BLANKET INSULATION	NAVFAC	07212									
07 21 23	LOOSE- FILL THERMAL INSULATION	NAVFAC	07216			recommend renaming "Loose-Fill Insulation"						
07 22 00	ROOF AND DECK INSULATION	NAVFAC	07220	3/5/04	7/10/06	NASA Incorporated		11/1/06			7/14/06	1/12/07
07 24 00	EXTERIOR INSULATION AND FINISH SYSTEMS	NAVFAC	07240									
07 31 13	ASPHALT SHINGLES	NAVFAC	07311									
07 31 26	SLATE ROOFING	USACE	07310			recommend renaming "Slate Shingles"						
07 32 13	ROOF TILES	NAVFAC	07320			recommend renumbering "07 32 00"						
07 32 14	CLAY TILE ROOFING REPLACEMENT OR REPAIR	NAVFAC	07321									
# 07 40 00.00 40	ROOFING AND SIDING PANELS	NASA	07400S	10/9/06	10/9/06	Recommend merging with 07 61 13.00 10, 07 61 14.00 20, and 07 61 15.00 20						4/17/07
07 41 13	NON-STRUCTURAL METAL ROOFING	NAVFAC	07412			recommend renaming "Metal Roof Panels"						
07 42 13	METAL WALL PANELS	NAVFAC	07413									
8 07 46 19.00 40	STEEL SIDING	NASA	07467S									
07 51 13	ASPHALT BUILT-UP ROOFING	NAVFAC	07511			NASA Incorporated		11/1/06			7/14/06	1/12/07
07 52 00	MODIFIED BITUMINOUS MEMBRANE ROOFING	NAVFAC	07550			NASA Incorporated		11/1/06			7/14/06	1/12/07
07 53 23	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	NAVFAC	07530			NASA Incorporated		11/1/06			7/14/06	1/12/07
07 54 19	POLYVINYL CHLORIDE (PVC) ROOFING	USACE	07548									
07 55 00	PROTECTED MEMBRANE ROOFING	USACE	07515									
07 57 13	SPRAYED POLYURETHANE FOAM (SPF) ROOFING	NAVFAC	07570									
07 60 00	FLASHING AND SHEET METAL	NAVFAC	07600			NASA Incorporated		11/1/06			7/14/06	1/12/07
07 61 01	COPPER ROOF SYSTEM	USACE	07610									
# 07 61 13.00 10	STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM	USACE	07416A	10/9/06	10/9/06	recommend renumbering "07 61 13.11 10"						
# 07 61 14.00 20	STEEL STANDING SEAM ROOFING	NAVFAC	07611N	10/9/06	10/9/06	recommend renumbering and naming "07 61 13.13 20 Steel Standing Seam Sheet Metal Roofing"						
# 07 61 15.00 20	ALUMINUM STANDING SEAM ROOFING	NAVFAC	07612N	10/9/06	10/9/06	recommend renaming "Aluminum Standing Seam Metal Roofing"						
07 62 10	COPPER SHEET METAL FLASHING	USACE	07625									
07 72 00	ROOF VENTILATORS, GRAVITY-TYPE	USACE	07720			recommend renumbering "07 72 29"						
07 81 00	SPRAY-APPLIED FIREPROOFING	USACE	07810			recommend renaming "Applied Fireproofing"						
07 84 00	FIRESTOPPING	USACE	07840									
07 92 00	JOINT SEALANTS	NAVFAC	07920			NASA Incorporated					7/14/06	1/12/07
DIV 08	OPENINGS											
08 11 13	STEEL DOORS AND FRAMES	NAVFAC	08110			NASA incorporated, recommend renaming "Hollow Metal Doors and Frames"						7/31/06
08 11 16	ALUMINUM DOORS AND FRAMES	NAVFAC	08120			NASA incorporated						7/31/06
08 11 69	METAL STORM DOORS	NAVFAC	08181			recommend renaming " Metal Storm Doors and Frames"						
08 11 73	SLIDING FIRE DOORS	NAVFAC	08162			recommend renaming "Sliding Metal Fire Doors"						
08 13 73	SLIDING METAL DOORS	USACE	08165									
08 13 73.00 40	SLIDING METAL DOORS	NASA	08160S	10/18/05	12/17/05	To be merged with USACE 08 13 73						4/17/07
08 14 00	WOOD DOORS	NAVFAC	08210			NASA incorporated						7/31/06
08 32 13	ALUMINUM SLIDING GLASS DOORS	NAVFAC	08161			recommend renaming "Sliding Aluminum Framed Glass Doors"						
08 33 13.00 14	METAL ROLLING COUNTER DOORS	USACE	08331A			recommend renumbering "08 33 13.10 00"						7/31/06
08 33 23	OVERHEAD ROLLING DOORS	USACE	08330			to be merged with 08 33 23.00 40, recommend deletion upon approval	1/24/07	1/25/07	5/3/07			
08 33 23.00 40	OVERHEAD COILING DOORS	NASA	08331S	11/30/06	12/12/06	USACE 08 33 23 to be merged into NASA	1/24/07	1/25/07	5/3/07			
08 34 01	FORCED ENTRY RESISTANT COMPONENTS	USACE	11025			recommend renumbering "08 34 54"						
08 34 02	BULLET-RESISTANT COMPONENTS	USACE	11035			recommend renumbering "08 39 55"						
08 34 16	CORROSION CONTROL HANGER DOORS	NAVFAC	08302									
08 34 16.10	VERTICAL LIFT FABRIC DOORS	NAVFAC	08371									10/24/06
08 34 16.20	STEEL SLIDING HANGAR DOORS	NAVFAC	08342									
08 34 19.10 20	ROLLING SERVICE [AND FIRE] DOORS	NAVFAC	08331N			Being worked on by UFGS Working Group						

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROONENT	MASTER FORMAT '95 NUMBER	INITIATE REVIEW	REVIEW COMPLETED	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG /TP APPROVAL	SUBMITTED FOR QA & POSTING	POSTING VERIFIED & CCR CLOSED
08 34 49.00 20	HEMP SHIELDED DOOR	NAVFAC	13095N									
08 34 53	DOORS; FIRE-INSULATED, RECORD-VULT	USACE	11022			recommend renaming "Security Doors and Frames"						
08 34 53.00 40	SECURITY DOORS AND FRAMES	NASA	11025S									
08 34 59	SECURITY VAULT DOOR	USACE	11020			recommend renaming "Vault Doors and Day Gates"						
08 34 63	DETENTION HOLLOW METAL FRAMES, DOORS, AND DOOR FRAMES	NAVFAC	11193			recommend renaming "Detention Doors and Frames"						
08 34 73	SOUND CONTROL DOOR ASSEMBLIES	NASA_U	08345S		2/14/05	Posted to web as NASA Unique, renamed to comply with CSI						10/24/06
08 36 13	SECTIONAL OVERHEAD DOORS	NAVFAC	08361			NASA incorporated, recommend renaming "Sectional Doors"						7/31/06
08 36 19	VERTICAL LIFT DOORS	NAVFAC	08370			recommend renaming "Multi-Lift Vertical Lift Doors"						
08 39 53	BLAST RESISTANT DOORS (OVAL ARCH MAGAZINES)	NAVFAC	08315			recommend renumbering "08 39 53.30"						
08 39 54	BLAST- RESISTANT DOORS	USACE	08390			recommend renumbering "08 39 53"						
08 44 00	GLAZED CURTAIN WALL	NAVFAC	08900	7/16/04	7/23/04	merge 08 44 00.00 40 into this section, recommend renaming "Curtain Wall and Glazed Assemblies"						
08 44 00.00 40	CURTAIN WALL AND GLAZED ASSEMBLIES	NASA	08900S	7/16/04	7/23/04	To be merged with NAVFAC 08 44 00						4/17/07
9 08 51 13.00 20	ALUMINUM WINDOWS	NAVFAC	08520N			NASA and Army incorporated	4/19/07					
9 08 51 13.00 40	ALUMINUM WINDOWS	NASA	08520S	10/9/06	10/9/06	To be merged with 08 51 13.00 20	4/19/07			4/25/07		4/17/07
9 08 51 14.00 10	ALUMINUM AND ENVIRONMENTAL CONTROL ALUMINUM WINDOWS	USACE	08520A			To be merged with 08 51 13.00 20	4/19/07					
08 51 23	STEEL WINDOWS	NAVFAC	08510			NASA incorporated						7/31/06
08 51 69.10	ALUMINUM STORM WINDOWS	NAVFAC	08582									
08 52 00	WOOD WINDOWS	NAVFAC	08550									
08 52 70	WOOD WINDOWS - REPAIR AND REHABILITATION	USACE	08590			recommend renumbering and naming "08 01 52 Operation and Maintenance of Wood Windows"						
08 53 00	PLASTIC WINDOWS	NAVFAC	08560									
08 56 46.10 20	RADIO FREQUENCY INTERFERENCE SHIELDED ENCLOSURES, DEMOUNTABLE TYPE	NAVFAC	13093N			recommend renaming "Radio Frequency Interference Shielded Windows - Demountable Type"						
08 56 46.20 20	RADIO-FREQUENCY-INTERFERENCE SHIELDED ENCLOSURES , WELDED TYPE	NAVFAC	13094N			recommend renaming "Radio Frequency Interference Shielded Windows - Welded Type"						
08 56 53	BLAST-RESISTANT TEMPERED GLASS WINDOWS	NAVFAC	08581			recommend renumbering and naming "08 88 57 Blast Resistant Tempered Glazing"						
08 56 63	DETENTION AND SECURITY WINDOWS	NAVFAC	11191			recommend renaming "Detention Windows"						
08 62 00	SKYLIGHTS	USACE	08600			recommend renaming "Unit Skylights"						
08 71 00	DOOR HARDWARE	NAVFAC	08710			NASA incorporated						4/17/07
08 71 63	DETENTION HARDWARE	NAVFAC	11194			recommend renaming "Detention Door Hardware"						
08 71 63.10	ELECTRICAL LOCKING CONTROL FOR BRIGS	NAVFAC	08745			recommend renumbering and naming "28 13 33.18 ACCESS CONTROL INTERFACES FOR BRIGS (ELECTRONIC)"						
08 81 00	GLAZING	NAVFAC	08800			recommend renaming "Glass Glazing"						
08 87 16	FRAGMENT RETENTION FILM FOR GLASS	USACE	08850			recommend renaming "Fragment Retention Safety Films"						
08 88 53	DETENTION AND SECURITY GLAZING	NAVFAC	11192			recommend renaming "Security Glazing"						
08 91 00	METAL [WALL] [AND] [DOOR] LOUVERS	NAVFAC	10201			recommend renaming "Louvers"						
DIV 09	FINISHES											
09 06 90	COLOR SCHEDULE	USACE	09915			recommend renaming "Schedules for Painting and Coating"						
09 22 00	METAL SUPPORT ASSEMBLIES	NAVFAC	09100			recommend renumbering and naming "Supports for Plaster and Gypsum Board"						
10 09 22 36.00 20	FURRING AND LATHING	NAVFAC	09205N			recommend renaming "Lath"						
10 09 22 37.00 10	LATHING AND PLASTERING	USACE	09200A			recommend renumbering and naming "09 22 37.00 10 Lath"						
10 09 23 00	GYPSUM PLASTER	NAVFAC	09210			NASA incorporated						7/31

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09 97 13.17	THREE COAT EPOXY INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	09973									1/12/07
09 97 13.25	MAINTENANCE, REPAIR, AND COATING OF TALL ANTENNA TOWERS	NAVFAC	09910									
09 97 13.26	COATING OF STEEL WATERFRONT STRUCTURES	NAVFAC	09967									
09 97 13.27	EXTERIOR COATING OF STEEL STRUCTURES	NAVFAC	09971			recommend renumbering and naming "09 97 13.23 Exterior Steel Coatings"						1/12/07
09 97 13.28	PROTECTION OF BURIED STEEL PIPING AND STEEL BULKHEAD TIE RODS	NAVFAC	09974									
09 97 23.13	INTERIOR LINING FOR CONCRETE STORAGE TANKS (FOR PETROLEUM FUELS)	NAVFAC	09980									
09 97 23.16	LINSEED OIL PROTECTION OF CONCRETE SURFACES	NAVFAC	09981			recommend renumbering "03 35 15"						
09 97 23	METALLIC TYPE CONDUCTIVE/SPARK RESISTANT CONCRETE FLOOR FINISH	NAVFAC	09965			recommend renumbering "09 97 23.30"						
09 97 30	PREPARATION OF HISTORIC WOOD AND METAL SURFACES FOR PAINTING	USACE	09995			recommend renumbering "09 01 90.90"						
DIV 10	SPECIALTIES											
10 10 00	VISUAL COMMUNICATIONS SPECIALTIES	USACE	10100			recommend renumbering and naming "10 11 00 Visual Display Surfaces"						
10 14 01	EXTERIOR SIGNAGE	USACE	10430			recommend renumbering to "10 14 11"						
10 14 02	INTERIOR SIGNAGE	USACE	10440			recommend renumbering to "10 14 12"						
10 21 13	TOILET COMPARTMENTS	USACE	10153	?	?	NASA incorporated						1/12/07
10 21 23.16	CUBICLE TRACK AND HARDWARE	NAVFAC	10191									
10 22 13	WIRE MESH PARTITIONS	NAVFAC	10605									
10 22 19	DEMOUNTABLE PARTITIONS	USACE	10615									
11*	10 22 26	USACE	10650	01/03/07	01/03/07	Merged with 10 22 26.13. Recommend deletion upon merger approval.	1/24/07	2/23/07	2/23/07			
11*	10 22 26.13	NAVFAC	10655	01/03/07	01/03/07	Merged USACE 10 22 26, edited and then disassembled.	1/24/07	2/23/07	2/23/07			
11	10 22 26.23	NAVFAC	NEW	-	-	New section created due to disassembly of 10 22 26.13	1/24/07	2/23/07	2/23/07			
11	10 22 26.33	USACE	NEW	-	-	New section created due to disassembly of 10 22 26.13	1/24/07	2/23/07	2/23/07			
11	10 22 26.43	USACE	NEW	-	-	New section created due to disassembly of 10 22 26.13	1/24/07	2/23/07	2/23/07			
	10 26 13	USACE	10260			recommend renaming "Corner Guards"						
	10 28 13	USACE	10800	?	?	NASA incorporated						7/31/06
	10 44 16	NASA_U	10523		2/14/05	NASA Unique						1/26/06
	10 51 00.00 40	NASA	10500S	12/12/06	12/20/06	Merged with 10 51 13. Delete upon approval of merged 10 51 13	1/24/07	2/23/07	2/23/07			4/17/07
	10 51 13	NAVFAC	10505	12/12/06	12/20/06	recommend renaming "Metal Lockers". Edits completed 01/16/06	1/24/07	2/23/07	2/23/07			
	10 56 13	NAVFAC	10675			recommend renaming "Metal Storage Shelving"						
	10 71 13.13	NAVFAC	10716			recommend renumbering "10 71 15"						
DIV 11	EQUIPMENT											
	11 13 10	USACE	11161			NASA incorporated, Recommend renaming and numbering "11 13 19.13 Loading Dock Levelers"					7/14/06	10/24/06
	11 24 27	USACE	11301			recommend renumbering and naming "02 62 13 Air and Steam Stripping"						
	11 27 13	NAVFAC	11475			recommend renaming "Darkroom Processing Equipment"						
	11 31 13	NAVFAC	11401			recommend renaming " Residential Kitchen Appliances"						
16	11 40 00.00 20	NAVFAC	11400N									
16	11 46 01.00 10	USACE	11400A			recommend renumbering "11 40 00.00 10"						
	11 53 00	NAVFAC	11601			recommend renaming "Laboratory Equipment"						
	11 68 13	USACE	02882									
	11 70 00	NAVFAC	11700			recommend renaming "Healthcare Equipment"						
	11 71 00	USACE	11710			recommend renaming "Medical Sterilizing Equipment"						
	11 72 13	NAVFAC	11702			recommend renaming "Examination Equipment"						
	11 74 00	NAVFAC	11744									
	11 82 19	NAVFAC	11171									
	11 82 20	USACE	11181									
	11 82 21	USACE	11182			recommend renumbering "11 82 20.20"						
DIV 12	FURNISHINGS											
12	12 20 00	USACE	12490	?	?	NASA incorporated, Renumber and name to "12 21 00 Window Blinds" due to merger	4/11/07	-	5/11/07			7/31/06
12	12 24 00	USACE	NEW			New section due to disassembly	4/11/07	-	5/11/07			
12	12 22 00.00 20	NAVFAC	12491N			Renumber to 12 22 00 due to merger	4/11/07	-	5/11/07			
13	12 30 00.00 40	NASA	12303S									4/17/07
13	12 35 30.00 10	USACE	12320A			recommend renaming "Residential Casework"						
13	12 35 30.00 20	NAVFAC	12352N									
	12 35 70	USACE	12350			recommend renaming "Healthcare Casework"						
	12 36 00.00 20	NAVFAC	12301N			recommend renumbering and naming "12 35 30.46 20 BEQ Casework"						
	12 48 13.13	NASA_U	12485	?	2/14/05	NASA Unique						1/26/06
	12 50 00	USACE	12705			recommend renaming "Furniture"						1/12/07
	12 55 00	NAVFAC	11195			recommend renaming "Detention Furniture"						
	12 65 00	USACE	12610			recommend renaming "Multiple-use Fixed Seating"						
	12 93 00	USACE	02870									
DIV 13	SPECIAL CONSTRUCTION											
	13 21 26	NAVFAC	13038									
	13 21 48	NAVFAC	13034			recommend renaming "Sound Conditioned Rooms"						
	13 27 54.00 10	USACE	13095A			recommend renumbering "13 49 54"						
14	13 34 00.00 40	NASA	13121S									
14	13 34 19	NAVFAC	13120			Recommend renaming "Metal Building Systems"						
14	13 34 20	USACE	13121			recommend renumbering "13 34 19.40"						
	13 48 00.00 10	USACE	15070A			Being Worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "13 48 53.40						
	13 48 00	USACE	13080			recommend renumbering and naming "13 48 53.50 Manufactured Seismic Control Protection for Miscellaneous						
	13 49 19	USACE	13090			recommend renaming "Lead-lined Materials"						
	13 50 00.00 40	NASA	13412S	1/19/05	1/20/05	To be merged with ?????						4/17/07
DIV 14	CONVEYING EQUIPMENT											
15	14 20 00	USACE	14210	2/7/07	3/6/07	Merged and disassembled with 14 21 00.00 20. Recommend deletion upon merger approval.	3/7/07	4/6/07	4/9/07	4/12/07	4/25/07	
15	14 21 00.00 20	NAVFAC	14210N	2/7/07	3/7/07	Merged and disassembled with 14 20 00. Recommend deletion upon merger approval	3/7/07	4/6/07	4/9/07			
15	14 21 13	USACE	New	-	-	New section created due to disassembly of 14 20 00 & 14 21 00.00 20	3/7/07	4/6/07	4/9/07	4/12/07	4/25/07	

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	PROPOONENT	MASTER FORMAT 95 NUMBER	INITIATE REVIEW	REVIEW COMPLETED	RECOMMENDATIONS, EDITING.	SUBMITTED TO TP	COMMENTS RECEIVED	FINAL DRAFT SUBMITTED	DWG / TP APPROVAL	SUBMITTED FOR QA & POSTING	POSTING VERIFIED & CCR CLOSED
15	14 21 23	ELECTRIC TRACTION PASSENGER ELEVATORS	NAVFAC	New	-	-	New section created due to disassembly of 14 20 00 & 14 21 00.00 21	3/7/07	4/6/07	4/9/07		
	14 24 00	HYDRAULIC ELEVATORS	USACE	14240	?	?	NASA incorporated				7/14/06	10/24/06
	14 92 00	PNEUMATIC-TUBE SYSTEM	USACE	14580			recommend renaming "Pneumatic-Tube Systems"					
	DIV 15-19	RESERVED FOR FUTURE EXPANSION										
	DIV 20	RESERVED FOR FUTURE EXPANSION										
	DIV 21	FIRE SUPPRESSION										
	21 12 00	STANDPIPE SYSTEMS	NAVFAC	13975			Being worked on by UFGS Mechanical Working Group, recommend renaming "Fire-Suppression Standpipes"					
	21 13 00.00 40	FIRE-SUPPRESSION SPRINKLER SYSTEMS	NASA	13930S			Being worked on by UFGS Mechanical Working Group, NEED TO CONTACT AND COORDINATE					4/17/07
	21 13 00.00 20	WET-PIPE FIRE SUPPRESSION SPRINKLERS	NAVFAC	13930N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 13.00 20 Wet-Pipe Sprinkler Systems"					
	21 13 13.00 10	WET-PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	13930A			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Wet-Pipe Sprinkler Systems"					
	21 13 16.00 20	DRY-PIPE FIRE SPRINKLER SYSTEMS	NAVFAC	13935N			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	13935A			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 16.00 10 Dry-Pipe Sprinkler Systems"					
	21 13 18.00 10	PREACTION AND DELUGE SPRINKLER SYSTEMS, FIRE PROTECTION	USACE	13945A			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 00.00 10 Fire-Suppression Sprinkler Systems"					
	21 13 19.00 20	[DELUGE][PREACTION] FIRE SPRINKLER SYSTEMS	NAVFAC	13945N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 00.00 20 Fire-Suppression Sprinkler Systems"					
	21 13 20.00 20	FOAM FIRE EXTINGUISHING FOR AIRCRAFT HANGARS	NAVFAC	13956N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering 21 13 39.20 20					
	21 13 21.00 20	FOAM FIRE EXTINGUISHING FOR FUEL TANK PROTECTION	NAVFAC	13957N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering 21 13 39.21 20					
	21 13 22.00 20	FOAM FIRE EXTINGUISHING FOR HAZ/FLAM MATERIAL FACILITY	NAVFAC	13958N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering 21 13 39.22 20					
	21 13 24.00 10	AQUEOUS FILM-FORMING FOAM (AFFF) FIRE PROTECTION SYSTEM	USACE	13955A			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "21 13 39.00 10 Foam-Water Systems"					
	21 13 26.00 40	DELUGE FIRE-SUPPRESSION SPRINKLER SYSTEMS	NASA	13950S			Being worked on by UFGS Mechanical Working Group, NEED TO CONTACT AND COORDINATE					4/17/07
	21 21 00	FIRE EXTINGUISHING SPRINKLER SYSTEMS (RESIDENTIAL)	NAVFAC	13931			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	13960S			Being worked on by UFGS Mechanical Working Group, NEED TO CONTACT AND COORDINATE					
	21 21 01.00 20	CARBON DIOXIDE FIRE EXTINGUISHING (HIGH PRESSURE)	NAVFAC	13961N			Being worked on by UFGS Mechanical Working Group					
	21 21 02.00 20	CARBON DIOXIDE FIRE EXTINGUISHING (LOW PRESSURE)	NAVFAC	13962N			Being worked on by UFGS Mechanical Working Group					
	21 21 03.00 10	WET CHEMICAL FIRE EXTINGUISHING SYSTEM	USACE	13965A			Being worked on by UFGS Mechanical Working Group, Recommend renumbering 21 23 00.00 10					
	21 22 00.00 20	HALON 1301 FIRE-EXTINGUISHING	NAVFAC	13966N			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Clean-Agent Fire Extinguishing Systems"					
	21 23 00.00 20	WET CHEMICAL FIRE EXTINGUISHING FOR KITCHEN CABINETS	NAVFAC	13971N			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	13920			Being worked on by UFGS Mechanical Working Group					
	DIV 22	PLUMBING										
	22 00 00	PLUMBING, GENERAL PURPOSE	NAVFAC	15400								4/17/07
	22 04 00.00 10	PLUMBING, HOSPITAL	USACE	15405A			recommend renumbering and naming "22 43 00.00 10 Healthcare Plumbing Fixtures"					1/12/07
	22 04 00.00 20	HOSPITAL PLUMBING FIXTURES	NAVFAC	15411N			recommend renumbering and naming "22 43 00.00 20 Healthcare Plumbing Fixtures"					10/24/06
	22 05 48.00 20	MECHANICAL SOUND, VIBRATION AND SEISMIC CONTROL	NAVFAC	15070N			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Vibration and Seismic Control For Plumbing Piping and Equipment"					
	22 07 10.00 20	EXTERIOR PIPING INSULATION	NAVFAC	15081N			Recommend renumbering and naming "22 07 10.20 20 Plumbing Piping Insulation, Exterior"					
	22 07 19.00 40	PLUMBING PIPING INSULATION	NASA	15085S								
	22 10 00.00 10	VERTICAL PUMPS, AXIAL-FLOW AND MIXED-FLOW IMPELLER-TYPE	USACE	15131A			Recommend renaming "Plumbing Piping and Pumps"					
	22 10 00.00 40	PLUMBING PIPING AND PUMPS	NASA	15107S	1/19/05	2/4/05	To be merged with USACE 22 10 00					
	22 11 23.00 10	SUBMERSIBLE PUMP, AXIAL-FLOW AND MIXED-FLOW TYPE	USACE	15132A			Recommend renumbering and naming "33 45 00.00 10 Storm Utility Drainage Pumps"					
	22 13 23	SEWAGE BAR SCREEN AND MECHANICAL SHREDDER	USACE	11330			Recommend renaming "Sanitary Waste Interceptors"					
	22 13 36	PNEUMATIC SEWAGE EJECTORS	USACE	11313			Recommend renaming "Packaged, Waster Water Pump Units"					
	22 14 29.00 40	SUMP PUMPS	NASA	15445S	1/10/05	1/12/05	To be merged with USACE ????					
	22 15 09	GENERAL SERVICE COMPRESSED-AIR SYSTEMS CLEANING PROCEDURES	NASA_U	15205		2/14/05	NASA Unique					4/17/07
	22 15 13.16 40	HIGH-PRESSURE COMPRESSED-AIR PIPING AND VALVES, STAINLESS	NASA	15108S	2/7/05	2/11/05	To be merged with NAVFAC ????					4/17/07
	22 15 14.00 40	GENERAL SERVICE COMPRESSED-AIR SYSTEMS, LOW PRESSURE	NASA	15211S								
	22 15 15.00 40	GENERAL SERVICE COMPRESSED-AIR SYSTEMS, HIGH PRESSURE	NASA	15212S								
	22 15 19.13 20	LARGE NONLUBRICATED RECIPROCATING AIR COMPRESSORS (OVER 300 HP)	NAVFAC	15214N			Recommend renaming "General Service Packaged Air Compressors and Receivers"					
	22 15 19.19 20	NONLUBRICATED ROTARY SCREW AIR COMPRESSORS (100 HP AND LARGER)	NAVFAC	15215N			Recommend renaming "General Service Packaged Rotary-Screw Air Compressors"					
	22 15 26.00 20	HIGH AND MEDIUM PRESSURE COMPRESSED AIR PIPING	NAVFAC	15212N			Recommend renumbering 22 15 13.20 20					
	22 16 19.26 20	LARGE CENTRIFUGAL AIR COMPRESSORS (OVER 200 HP)	NAVFAC	15213N			Recommend renumbering 22 15 19.27 20					
	22 31 00	WATER SOFTENERS, CATION-EXCHANGE (SODIUM CYCLE)	USACE	11250			Recommend renaming "Domestic Water Softeners"					
	22 33 30.00 10	SOLAR WATER HEATING EQUIPMENT	USACE	13600A			Recommend renumbering and naming "22 33 30.23 10 Residential Collector-to-Tank, Solar-Electric Domestic Water					
	22 42 00.00 40	COMMERCIAL PLUMBING FIXTURES	NASA	15410S								1/12/07
	22 62 13.00 20	MEDICAL GAS AND VACUUM PIPING	NAVFAC	15217N			Recommend renaming Vacuum Piping for Laboratory and Healthcare Facilities"					
	22 66 83.00 40	CHEMICAL-WASTE TANKS	NASA	15225S	1/19/05	3/21/05	To be merged with ?????					
	DIV 23	HEATING, VENTILATING, AND AIR-CONDITIONING										
	23 00 00	AIR SUPPLY, DISTRIBUTION, VENTILATION AND EXHAUST SYSTEMS	USACE	15895			Being working on by UFGS Working Group. Recommend renaming "Heating, Ventilating and Air-Conditioning"					10/24/06
	23 00 00.00 40	HEATING, VENTILATING, AND AIR-CONDITIONING	NASA	15003S			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE					4/17/07
	23 03 00.00 20	BASIC MECHANICAL MATERIALS AND METHODS	NAVFAC	15050N			Being working on by UFGS Working Group. Recommend renumbering and naming "23 05 00.00 20 Common Work					
	23 05 00.00 40	COMMON WORK RESULTS FOR HVAC	NASA	15050S	6/14/06	6/14/06	To be merged with NAVFAC 23 05 00. Updated per KSC TA - 7/11/06					4/17/07
	23 05 48.00 40	VIBRATION AND SEISMIC CONTROLS FOR HVAC-P&E	NASA	15072S								
17	23 05 93.00 10	TESTING, ADJUSTING, AND BALANCING OF HVAC SYSTEMS	USACE	15990A								
17	23 05 93.00 40	TESTING, ADJUSTING, AND BALANCING FOR HVAC SYSTEMS	NASA	15950S								
	23 07 00	THERMAL INSULATION FOR MECHANICAL SYSTEMS	USACE	15080			Recommend renaming "HVAC Insulation"					4/17/07
	23 07 13.00 40	DUCT INSULATION	NASA	15083S								
	23 08 00.00 10	COMMISSIONING OF HVAC	USACE	15995A								
17	23 08 00.00 20	HVAC TESTING/ADJUSTING/BALANCING	NAVFAC	15950N								4/17/07

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	A PROPOONENT	B MASTER FORMAT 95 NUMBER	C INITIATE REVIEW	D REVIEW COMPLETED	E RECOMMENDATIONS, EDITING.	F SUBMITTED TO TP	G COMMENTS RECEIVED	H FINAL DRAFT SUBMITTED	I DWG / TP APPROVAL	J SUBMITTED FOR QA & POSTING	K POSTING VERIFIED & CCR CLOSED
23 08 01.00 20	TESTING INDUSTRIAL VENTILATION SYSTEMS	NAVFAC	15951N			Recommend renumbering 23 05 93.20 20						
23 09 13.33 40	CONTROL VALVES	NASA	15110S									
23 09 13.34 40	CONTROL VALVES , SELF-CONTAINED	NASA	15119S	2/7/05	2/11/05	To be merged with NAVFAC ?????						
23 09 23	DIRECT DIGITAL CONTROL FOR HVAC AND OTHER LOCAL BUILDING SYSTEMS	USACE	15951			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE						
23 09 23.13 20	BACNET DIRECT DIGITAL CONTROL SYSTEMS FOR HVAC	NAVFAC	15910N			Completed by UFGS Working Group.						4/17/07
23 09 33.00 40	ELECTRIC AND ELECTRONIC CONTROL SYSTEM FOR HVAC	NASA	15902S			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE						4/17/07
23 09 33.13 40	ELECTRIC CONTROL SYSTEM FOR HVAC	NASA	15915S			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE						
23 09 53.00 20	SPACE TEMPERATURE CONTROL SYSTEMS	NAVFAC	15901N			Recommend renaming "Pneumatic and Electric Control System For HVAC"						
23 10 00	FUEL STORAGE SYSTEMS	USACE	13202			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Facility Fuel Systems"						
23 11 13.00 20	FUEL OIL PIPING	NAVFAC	15192N			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Facility Fuel-Oil Piping"						
23 11 16.00 20	FIBERGLASS REINFORCED PLASTIC (FRP) PIPING (FOR PETROLEUM)	NAVFAC	15191N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "23 11 16.30 20 Facility Gasoline Piping, Fiberglass Reinforced Plastic (FRP)"						
23 11 23.00 40	FACILITY NATURAL-GAS PIPING	NASA	15195S									4/17/07
23 12 16.00 20	GASOLINE/DIESEL DISPENSING SYSTEMS	NAVFAC	15193N			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "23 12 16.10 20 Facility Gasoline/Diesel Dispensing Systems"						
23 14 00	COMMISSIONING OF FUEL FACILITY SYSTEMS	AFCESA	NEW									4/17/07
23 21 13.00 20	LOW TEMPERATURE WATER (LTW) HEATING SYSTEM	NAVFAC	15185N			Recommend renaming "Hydronic Piping"						
23 21 13.23 20	[HIGH][MEDIUM] TEMPERATURE WATER SYSTEM WITHIN BUILDINGS	NAVFAC	15184N			Recommend renaming "[High][Medium] Temperature Hydronic Piping within Buildings"						
23 22 00.00 40	STEAM AND CONDENSATE PIPING AND PUMPS	NASA	15186S									
23 22 13.13 40	STEAM AND CONDENSATE HEATING PIPING	NASA	15106S	1/19/05	5/19/05	To be merged with ?????						
23 22 13.35 40	STEAM TRAPS	NASA	15125S	1/19/05	2/2/05	To be merged with USACE ????						
23 22 26.00 20	STEAM SYSTEM AND TERMINAL UNITS	NAVFAC	15183N			Recommend renumbering and naming "23 82 29.20 20 Radiators and Steam System"						
23 23 00	REFRIGERANT PIPING	USACE	15182									
23 23 16.00 40	REFRIGERANT PIPING SPECIALTIES	NASA	15185S									4/17/07
23 25 00	CHEMICAL TREATMENT OF WATER FOR MECHANICAL SYSTEMS	USACE	11243			Recommend renaming "HVAC Water Treatment"						
23 30 13.00 20	DUCKWORK AND DUCKWORK ACCESSORIES	NAVFAC	15810N			Recommend renumbering and naming "12 30 00.00 20 HVAC AIR DISTRIBUTION"						
23 31 11.11 40	METAL DUCTS, LOW PRESSURE	NASA	15815S									
23 31 11.12 40	METAL DUCTS, MEDIUM PRESSURE	NASA	15818S									
23 31 13.20 40	WELDING METAL DUCTWORK	NASA	15055S		3/24/05	To be merged with NAVFAC 23 05 00						10/24/06
23 33 56	SELF-ACTING BLAST VALVES	USACE	13420									
23 34 16.00 20	AIR HANDLING UNITS	NAVFAC	15720N			Recommend renumbering and naming "23 73 00.00 20 Indoor Central-Station Air-Handling Units"						
23 34 23.00 40	HVAC POWER VENTILATORS	NASA	15838S									
23 35 00.00 10	OVERHEAD VEHICLE TAILPIPE (AND WELDING FUME) EXHAUST REMOVAL SYSTEMS	USACE	15940A			Recommend renaming "Special Exhaust Systems"						
23 35 19.00 20	INDUSTRIAL VENTILATION AND EXHAUST	NAVFAC	15801N									
23 36 00	AIR TERMINAL UNITS	NASA U	15840		2/14/05	NASA U						1/26/06
23 37 13.00 40	DIFFUSERS, REGISTERS, AND GRILLES	NASA	15852S									
23 37 23.00 40	HVAC GRAVITY VENTILATORS	NASA	15855S	3/21/05	3/23/05	To be merged with NAVFAC ?????						
23 40 00.00 10	CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL (CBR) AIR FILTRATION SYSTEM	USACE	15860A			Recommend renaming "Air Cleaning Devices"						
23 41 13.00 40	PANEL FILTERS	NASA	15865S									4/17/07
23 51 43.00 20	DUST AND GAS COLLECTOR, DRY SCRUBBER AND FABRIC FILTER TYPE	NAVFAC	15864N			Recommend renaming "Flue Gas Filtration Equipment"						
23 51 43.01 20	MECHANICAL CYCLONE DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	15861N			Recommend renaming "Mechanical Cyclone Filtration"						
23 51 43.02 20	ELECTROSTATIC DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	15862N			Recommend renaming "Electrostatic Filtration"						
23 51 43.03 20	FABRIC FILTER DUCT COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	15863N			Recommend renaming "Fabric Particulate Filtration"						
23 52 00.00 10	WATER AND STEAM HEATING; OIL, GAS OR BOTH; UP TO 20 MBTUH	USACE	15569A			Recommend renaming "Heating Boilers"						
23 52 00.00 40	HEATING BOILERS	NASA	15510S									4/17/07
23 52 33.01 20	STEAM HEATING PLANT WATERTUBE (SHOP ASSEMBLED) COAL/OIL OR COAL	NAVFAC	15501N			Recommend renumbering 23 52 33.14 20						
23 52 33.02 20	STEAM HEATING PLANT WATERTUBE (FIELD ERECTED) COAL/OIL OR COAL	NAVFAC	15502N			Recommend renumbering 23 52 33.15 20						
23 52 33.03 20	WATER-TUBE BOILERS, OIL/GAS OR OIL	NAVFAC	15511N			Recommend renumbering 23 52 33.00 20						
23 52 43.00 10	HEAT RECOVERY BOILERS	USACE	15569A									
23 52 43.00 20	LOW PRESSURE WATER HEATING BOILERS (UNDER 800,000 BTU/HR OUTPUT)	NAVFAC	15514N									
23 52 46.00 20	LOW PRESSURE WATER HEATING BOILERS (OVER 800,000 BTU/HR OUTPUT)	NAVFAC	15515N									
23 52 49.00 20	STEAM BOILERS AND EQUIPMENT (500,000 - 18,000,000 BTU/HR)	NAVFAC	15516N			Recommend renumbering 23 52 39.17 20						
23 52 53.00 20	STEAM BOILERS AND EQUIPMENT (18,000,000 - 60,000,000 BTU/HR)	NAVFAC	15517N			Recommend renumbering 23 52 39.18 20						
23 54 16.00 10	HEATING SYSTEM; GAS-FIRED HEATERS	USACE	15565A			Recommend renumbering and naming "23 54 16.13 10 Gas Fired Furnaces"						
23 54 19	BUILDING HEATING SYSTEMS, WARM AIR	NAVFAC	15532N			Recommend renumbering and naming "23 54 16.00 20 Building Heating Systems, Warm Air Fuel Fired Furnaces"						
23 55 13.00 40	FUEL-FIRED DUCT HEATERS	NASA	15768S									1/12/07
23 57 10.00 10	FORCED HOT WATER HEATING SYSTEMS USING WATER AND STEAM HEAT EXCHANGERS	USACE	15556A			Recommend renumbering and naming "23 57 16.00 10 Steam To Water Heat Exchangers"						
23 63 00.00 10	COLD STORAGE REFRIGERATION SYSTEMS	USACE	15652A			Recommend renaming "Refrigerant Condensers"						
23 64 00.00 10	LIQUID CHILLERS	USACE	15181A			Being worked on by UFGS Mechanical Working Group						7/31/06
23 64 26	CHILLED, CHILLED-HOT AND CONDENSATE WATER PIPING SYSTEMS	NAVFAC	15181N			NASA section 23 74 33 to be merged into this section, Recommend renumbering and naming "23 20 00.00 20 HVAC PIPING AND PUMPS"						
23 65 00.00 10	COOLING TOWER	USACE	15645A			Being worked on by UFGS Mechanical Working Group						
23 66 00.00 20	CENTRAL REFRIGERATION EQUIPMENT FOR AIR CONDITIONING	NAVFAC	15601N			Being worked by UFGS Mechanical Working Group, Recommend renumbering and naming "23 60 00.00 20 Central Cooling Equipment"						
23 69 00.00 20	REFRIGERATION EQUIPMENT FOR COLD STORAGE	NAVFAC	15602N			Recommend renumbering and naming "23 61 00.00 20						
23 70 01.00 10	CENTRAL STEAM-GENERATING SYSTEM, COAL-FIRED	USACE	15559A			Recommend renumbering 23 52 33.15 10						
23 70 02.00 10	CENTRAL STEAM GENERATING SYSTEM - COMBINATION GAS AND OIL FIRED	USACE	15561A			Recommend renumbering 23 52 33.00 10						
23 70 03.00 10	HEATING AND UTILITIES SYSTEMS, CENTRAL STEAM	USACE	15562A			Recommend renumbering and naming "23 52 16.00 10 Condensing Boilers"						
23 71 19	THERMAL ENERGY STORAGE SYSTEM: ICE ON-COIL	USACE	15848A									
23 72 00.00 10	ENERGY RECOVERY SYSTEMS	USACE	15845A			Recommend renaming "Air-to-Air Energy Recovery Equipment"						
23 72 26.00 10	DESICCANT COOLING SYSTEMS	USACE										
23 73 13.00 40	MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS	NASA	15720S									
23 74 33.00 40	PACKAGED, OUTDOOR, HEATING AND COOLING MAKEUP AIR-CONDITIONERS	NASA	15732S			To be merged with NAVFAC 23 81 23						4/17/07
23 76 00.00 10	EVAPORATIVE COOLING SYSTEMS	USACE	15690A			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Evaporative Air-Cooling Equipment"						

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	A PROPOONENT	B MASTER FORMAT 95 NUMBER	C INITIATE REVIEW	D REVIEW COMPLETED	E RECOMMENDATIONS, EDITING.	F SUBMITTED TO TP	G COMMENTS RECEIVED	H FINAL DRAFT SUBMITTED	I DWG / TP APPROVAL	J SUBMITTED FOR QA & POSTING	K POSTING VERIFIED & CCR CLOSED
23 76 00.00 20	EVAPORATIVE COOLING SYSTEM	NAVFAC	15721N			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Evaporative Air-Cooling Equipment"						
23 81 00.00 20	UNITARY AIR CONDITIONING EQUIPMENT	NAVFAC	15730N			Recommend renaming "Decentralized Unitary HVAC Equipment"						
23 81 23.00 20	COMPUTER-ROOM AIR-CONDITIONING UNITS	NAVFAC	15702N			Recommend renaming "Computer-Room Air-Conditioners"						1/12/07
23 81 43.00 40	AIR-SOURCE UNITARY HEAT PUMPS	NASA	15740S									4/17/07
23 81 47	WATER-LOOP AND GROUND-LOOP HEAT PUMP SYSTEMS	NAVFAC	15741									
23 82 00.00 20	TERMINAL HEATING AND COOLING UNITS	NAVFAC	15760N			Recommend renumbering and naming "23 36 00.00 20 Air Terminal Units"						1/12/07
23 82 01.00 10	WARM AIR HEATING SYSTEMS	USACE	15566A			Recommend renumbering and naming "23 73 33.00 10 Indoor Indirect Fuel-Fired Heating and Ventilation Units"						
23 82 02.00 10	UNITARY HEATING AND COOLING EQUIPMENT	USACE	15700A			Recommend renumbering and naming "23 81 00.00 10 "Decentralized Unitary HVAC Equipment"						
23 82 16.00 40	AIR COILS	NASA	15762S	2/22/05	3/18/05	To be merged with NAVFAC ????						
23 82 19.00 40	FAN COIL UNITS	NASA	15764S	1/10/05	1/13/05	To be merged with NAVFAC ????						4/17/07
23 82 23.00 40	UNIT VENTILATORS	NASA	15767S									4/17/07
23 83 00.00 20	ELECTRIC SPACE HEATING EQUIPMENT	NAVFAC	15768N			Recommend renumbering and renaming to "01 51 23.10 20 TEMPORARY HEATING"						10/24/06
23 84 16.00 20	DESICCANT DEHUMIDIFICATION EQUIPMENT	NAVFAC	15751N			Recommend renumbering 23 84 16.20 20						
DIV 24	RESERVED FOR FUTURE EXPANSION											
DIV 25	INTEGRATED AUTOMATION											
25 08 10	UTILITY MONITORING AND CONTROL SYSTEM TESTING	USACE	13810									7/31/06
25 10 10	UTILITY MONITORING AND CONTROL SYSTEM (UMCS)	USACE	13801			Recommend renumbering 25 51 13						7/31/06
DIV 26	ELECTRICAL											
26 00 00.00 20	BASIC ELECTRICAL MATERIALS AND METHODS	NAVFAC	16050N			Recommend renaming "Electrical"						
26 05 00.00 40	COMMON WORK RESULTS FOR ELECTRICAL	NASA	16050S									
26 05 13.00 40	MEDIUM-VOLTAGE CABLES	NASA	16124S	1/10/05	1/13/05	To be merged with NAVFAC ????. Updated per KSC TA - 7/11/06						4/17/07
26 05 19.00 10	INSULATED WIRE AND CABLE	USACE	16120A			Recommend renaming "Low-voltage Electrical Power Conductors and Cable"						
26 05 33	DOCKSIDE POWER CONNECTION STATIONS	NAVFAC	16145									1/12/07
26 05 48.00 10	SEISMIC PROTECTION FOR ELECTRICAL EQUIPMENT	USACE	16070A			Recommend renaming "Vibration and Seismic Controls for Electrical Systems"						
26 05 73.00 40	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY	NASA	16286S	2/28/05	3/21/05	To be merged with USACE ????						4/17/07
26 08 00	APPARATUS INSPECTION AND TESTING	NAVFAC	16081			Recommend renaming "A commissioning of Electrical Systems"						
26 09 13	POWER MONITORING SYSTEM	USACE	13451			Recommend renaming "Electrical Power Monitoring Systems"						
26 09 23.00 40	LIGHTING CONTROL DEVICES	NASA	16529S									1/12/07
26 11 13.00 20	PRIMARY UNIT SUBSTATION	NAVFAC	16361N									4/17/07
26 11 14.00 10	MAIN ELECTRIC SUPPLY STATION AND SUBSTATION	USACE	16311A									
26 11 16	SECONDARY UNIT SUBSTATIONS	NAVFAC	16360									4/17/07
26 12 00.00 40	MEDIUM VOLTAGE TRANSFORMERS	NASA	16275S	7/11/06	7/11/06	Requesting EE assistance to determine gap between 26 12 00.00 40 and 26 12 19.10 and 26 12 19.20						4/17/07
26 12 19.10	THREE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	16272									1/12/07
26 12 19.20	SINGLE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	16273									1/12/07
26 13 00.00 20	SF6 INSULATED PAD-MOUNTED TRANSFORMERS	NAVFAC	16341N			Recommend renaming "Medium Voltage Switchgear"						
26 18 23.00 40	MEDIUM-VOLTAGE SURGE ARRESTERS	NASA	16288S	2/28/05	3/18/05	To be merged with NAVFAC 26 11 16						1/12/07
26 18 39.00 40	MEDIUM VOLTAGE MOTOR CONTROLLERS	NASA	16225S									1/12/07
26 20 00	INTERIOR DISTRIBUTION SYSTEM	NAVFAC	16402			Recommend renaming "Low-Voltage Electrical Transmission"						
26 22 00.00 10	480-VOLT STATION SERVICE SWITCHGEAR AND TRANSFORMERS	USACE	16404A			Recommend renumbering 26 22 23.00 10						
26 23 00	SWITCHBOARDS AND SWITCHGEAR	NAVFAC	16442			Recommend renaming "Low-Voltage Switchgear"						1/12/07
26 24 16.00 40	PANELBOARDS	NASA	16446S	2/28/05	3/18/05	To be merged with USACE ????						1/12/07
26 24 19.00 40	MOTOR-CONTROL CENTERS	NASA	16345S		1/21/06	To be merged with USACE ????						1/12/07
26 26 00.00 40	POWER DISTRIBUTION UNITS	NASA	16315S									1/12/07
26 27 26.00 40	WIRING DEVICES	NASA	16145S	6/13/06	6/13/06	To be merged with ????. Updated per KSC TA - 7/11/06						1/12/07
26 27 29	MARINA ELECTRICAL WORK	NAVFAC	16407			Recommend renaming "Marina Electrical Low-Voltage Distribution"						
26 28 00.00 10	MOTOR CONTROL CENTERS, SWITCHBOARDS AND PANELBOARDS	USACE	16403A			Recommend renaming "Low-Voltage Circuit Protective Devices"						
26 28 01.00 10	COORDINATED POWER SYSTEM PROTECTION	USACE	16475A									
26 28 16.00 40	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	NASA	16435S	1/10/05	1/21/05	To be merged with ????						1/12/07
26 29 01.00 10	ELECTRIC MOTORS, 3-PHASE VERTICAL INDUCTION TYPE	USACE	16221A			Recommend renumbering 26 29 24.00 10						
26 29 02.00 10	ELECTRIC MOTORS, 3-PHASE VERTICAL SYNCHRONOUS TYPE	USACE	16222A			Recommend renumbering 26 29 25.00 10						
26 29 23	VARIABLE-FREQUENCY-DRIVE SYSTEMS UNDER 600 VOLTS	NAVFAC	16261			Being worked on by UFGS Electrical Working Group, Recommend renaming "Variable Frequency Motor Controllers"						
26 32 13.00 20	SINGLE OPERATION GENERATION SETS	NAVFAC	16237N			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	16264A			Recommend renumbering 26 32 13.14 10						
26 32 15.00 10	DIESEL-GENERATOR SET STATIONARY 100-2500 KW, WITH AUXILIARIES	USACE	16263A			Recommend renumbering 26 32 13.15 10						
26 32 26	MOTOR-GENERATOR SETS, 400 HERTZ (HZ)	NAVFAC	16236			Recommend renumbering 26 32 13.26						
26 32 33.00 10	UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM ABOVE 15 KVA CAPACITY	USACE	16265A			Being worked on by UFGS Electrical Working Group, Recommend renumbering 26 32 33.23 10						
26 32 33.00 20	INSTALLATION OF UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM	NAVFAC	16262N			Being worked on by UFGS Electrical Working Group, Recommend renumbering 26 32 33.06 20						
26 35 33.00 40	POWER FACTOR CORRECTION EQUIPMENT	NASA	16285S	3/21/05	3/21/05	To be merged with USACE ????						1/12/07
26 35 43	400-HERTZ (HZ) SOLID STATE FREQUENCY CONVERTER	NAVFAC	16268			Recommend renaming Static-Frequency Converters"						
26 35 46.00 20	RADIO FREQUENCY INTERFERENCE FILTERS	NAVFAC	16280N									
26 36 00.00 10	AUTOMATIC TRANSFER SWITCH AND BY-PASS/ISOLATION SWITCH	USACE	16410A			Being worked on by UFGS Working Group, Recommend renumbering 26 36 23.13 10						
26 36 23.00 20	AUTOMATIC TRANSFER SWITCHES	NAVFAC	16410N			Being worked on by UFGS Working Group						
26 41 00.00 20	LIGHTNING PROTECTION SYSTEM	NAVFAC	13100N			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE, Recommend renaming "Facility						
26 41 00.00 40	FACILITY LIGHTNING PROTECTION	NASA	13100S			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE, Recommend renaming "Facility						1/12/07
26 41 01.00 10	LIGHTNING PROTECTION SYSTEM	USACE	13100A			Being working on by UFGS Working Group. NEED TO CONTACT AND COORDINATE, recommend renumbering and						
18 26 42 13.00 20	CATHODIC PROTECTION BY GALVANIC ANODES	NAVFAC	13110N	4/6/07	4/9/07	Recommend renaming "Cathodic Protection For Underground and Submerged Piping"	4/20/07					
18 26 42 14.00 10	CATHODIC PROTECTION SYSTEM (SACRIFICIAL ANODE)	USACE	13110A	4/6/07	4/9/07		4/20/07					
19 26 42 15.00 10	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	USACE	13111A	4/6/07	4/9/07	Merge this section into NAVFAC 26 42 22.00 20	4/18/07					
20 26 42 17.00 10	CATHODIC PROTECTION SYSTEM (IMPRESSED CURRENT)	USACE	13112A	4/7/07	4/7/07	Merge NAVFAC 26 42 19.00 20 into this section	4/20/07					
20 26 42 19.00 20	CATHODIC PROTECTION BY IMPRESSED CURRENT	NAVFAC	13111N	4/6/07	4/9/07	Merge this section into USACE 26 42 17.00 10	4/20/07					
20 26 42 19.10	CATHODIC PROTECTION SYSTEMS (IMPRESSED CURRENT) FOR LOCK MITER GATES	USACE	13113	4/7/07	4/7/07	Section to stand alone	4/20/07					
19 26 42 22.00 20	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	NAVFAC	13112N	4/6/07	4/9/07	Merge USACE 26 42 15.00 10 into this section	4/18/07					
26 51 00	INTERIOR LIGHTING	NAVFAC	16510									
26 51 13.08 40	INCANDESCENT LIGHTING	NASA	16513S	12/29/04	1/10/06	To be merged with NAVFAC 26 51 00						4/17/07
26 51 13.09 40	FLUORESCENT LUMINARIES	NASA	16511S	12/29/04	1/10/06	To be merged with NAVFAC 26 51 00						4/17/07

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MASTER FORMAT 2004 DIVISIONS AND SECTION NUMBERS	GROUP, DIVISION, AND SECTION TITLE	A PROPOONENT	B MASTER FORMAT 95 NUMBER	C INITIATE REVIEW	D REVIEW COMPLETED	E RECOMMENDATIONS, EDITING.	F SUBMITTED TO TP	G COMMENTS RECEIVED	H FINAL DRAFT SUBMITTED	I DWG / TP APPROVAL	J SUBMITTED FOR QA & POSTING	K POSTING VERIFIED & CCR CLOSED
26 52 00.00 40	EMERGENCY LIGHTING	NASA	16535S									1/12/07
26 53 00.00 40	EXIT SIGNS	NASA	16536S									1/12/07
26 54 00.00 40	CLASSIFIED/SPECIAL PURPOSE/EXTERIOR LTG	NASA	16512S	12/29/04	1/10/06	To be merged with NAVFAC 26 51 00						4/17/07
26 54 21.00 10	HELIPAD LIGHTING AND VISUAL NAVIGATION AIDS	USACE	16525A			Recommend renumbering 26 56 42.00 10						
26 55 53.00 10	EXTERIOR LIGHTING INCLUDING SECURITY AND CCTV APPLICATIONS	USACE	16528A			Recommend renumbering and naming "26 55 53.33 10 Security Lighting and CCTV Applications"						
26 55 80.00 20	SURGICAL LIGHTING FIXTURES	NAVFAC	16553N									
26 56 00	EXTERIOR LIGHTING	NAVFAC	16520									
26 56 19.00 40	ROADWAY LIGHTING	NASA	16524S									4/17/07
26 56 20.00 10	AIRFIELD AND HELIPORT LIGHTING AND VISUAL NAVIGATION AIDS	USACE	16526A			Recommend renumbering 26 56 41.00 10						
26 56 36.00 40	FLOOD LIGHTING	NASA	16522S									4/17/07
DIV 27	COMMUNICATIONS											
27 05 13.00 10	TWO-WAY RADIO DATA ETHERNET TRANSMISSION SYSTEM	USACE	16798A			Recommend renumbering 27 31 33.00 10						
27 05 14.00 10	CABLE TELEVISION PREMISES DISTRIBUTION SYSTEM	USACE	16815A			Recommend renumbering and naming "27 41 16 Integrated Audio-Visual Systems and Equipment"						
27 05 28.36 40	CABLE TRAYS FOR COMMUNICATIONS SYSTEMS	NASA	16135S	5/13/05	5/17/05	To be merged with ????						1/12/07
27 10 00	BUILDING TELECOMMUNICATIONS CABLING SYSTEM	NAVFAC	16710			Recommend renumbering and naming "27 13 00 Communications Backbone Cabling"						
27 15 19.00 10	WIRE LINE DATA TRANSMISSION SYSTEM	USACE	16792A			Recommend renumbering and naming "27 21 00.00 10 Data Communications Network Equipment"						
27 21 00.00 20	INTERCOMMUNICATION SYSTEM	NAVFAC	16822N			Recommend renaming "Data Communications Network Equipment"						
27 21 10.00 10	FIBER OPTIC DATA TRANSMISSION SYSTEM	USACE	16768A									
27 31 00.00 20	ADMINISTRATIVE TELEPHONE EQUIPMENT, INSIDE PLANT	NAVFAC	16720N			Recommend renaming "Voice Communications Switching and Routing Equipment"						
27 33 30.00 10	STAND-ALONE ONE-WAY RADIO CONTROL SYSTEM	USACE	16790A									
27 33 31.00 10	ONE-WAY FM RADIO DATA CONTROL SYSTEM	USACE	16797A									
27 41 00.00 10	NURSE CALL AUDIO-VISUAL (NCAV) SYSTEM	USACE	16731A			Recommend renumbering 27 51 23.72 10						
27 41 16.00 10	TELEVISION SIGNAL RECEPTION SYSTEM	USACE	16785A			Recommend renumbering 27 51 23.60 10						
27 51 13.00 10	RADIO PAGING SYSTEM	USACE	16755A			Recommend renaming "Paging Systems"						
27 51 16	RADIO AND PUBLIC ADDRESS SYSTEMS	USACE	16770			Recommend renaming "Public Address and Mass Notification Systems"						
27 52 23.00 20	NURSE CALL SYSTEM	NAVFAC	16725N			Recommend renaming "Nurse Call System / Code Blue Systems"						
27 52 32.00 10	NURSE CALL TONE-VISUAL (NCTV) SYSTEM	USACE	16730A			Recommend renumbering 27 51 23.73 10						
27 54 00.00 20	COMMUNITY ANTENNA TELEVISION (CATV) SYSTEMS	NAVFAC	16783N			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	16065S	2/28/05	3/10/05	To be merged with USACE ????						4/17/07
28 16 01.00 10	SMALL INTRUSION DETECTION SYSTEM	USACE	13721A			Being worked on by UFGS Electrical Working Group, Recommend renumbering 28 16 00.00 10						
28 16 00.00 20	BASIC INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	13702N			Being worked on by UFGS Electrical Working Group, Recommend renaming "Intrusion Detection"						
28 20 00.00 20	ELECTRONIC SECURITY SYSTEMS (ESS), COMMERCIAL	NAVFAC	13703N			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	13720A			Being worked on by UFGS Electrical Working Group, Recommend renumbering and naming "28 10 01.00 10 Electronic Access Control and Intrusion Detection"						
28 20 02	CENTRAL MONITORING SERVICES FOR ELECTRONIC SECURITY SYSTEMS	USACE	13729			Recommend renumbering and naming "28 40 00 Electronic Monitoring and Control"						
28 23 23.00 10	CLOSED CIRCUIT TELEVISION SYSTEMS	USACE	16751A			Recommend renumbering and naming "28 23 00.00 10 Video Surveillance"						
28 26 23	DURESS SIGNAL SYSTEM [FOR BRIG FACILITIES]	NAVFAC	13798			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	13850A			Recommend renaming "Fire Detection and Alarm"						
28 31 02.00 20	FIRE ALARM REPORTING SYSTEMS - DIGITAL COMMUNICATORS	NAVFAC	13854N			Recommend renumbering 28 31 33.14 20						
28 31 33.00 10	FIRE ALARM REPORTING SYSTEM, RADIO TYPE	USACE	13852A			Recommend renumbering 28 31 33.15 10						
28 31 33.13 20	EXTERIOR FIRE REPORTING SYSTEM, RADIO TYPE	NAVFAC	13853N			Recommend renumbering 28 31 33.15 20						
28 31 49	CARBON MONOXIDE DETECTORS	NAVFAC	13856			Recommend renaming "Carbon Monoxide Detection Sensors"						
28 31 53.00 40	FIRE ALARM INITIATING DEVICES	NASA	13852S									
28 31 63.00 20	ANALOG/ADDRESSABLE INTERIOR FIRE ALARM SYSTEM	NAVFAC	13855N			Recommend renumbering 28 31 13.11 20						
28 31 64.00 10	FIRE DETECTION AND ALARM SYSTEM, ADDRESSABLE	USACE	13851A			Recommend renumbering 28 31 13.11 10						
28 31 73.00 20	EXTERIOR FIRE ALARM SYSTEM, CLOSED CIRCUIT TELEGRAPHIC TYPE	NAVFAC	13851N			Recommend renumbering 28 31 33.16 20						
28 31 74.00 20	INTERIOR FIRE DETECTION AND ALARM SYSTEM	NAVFAC	13852N			Recommend renumbering 28 31 33.17 20						
28 31 75.00 10	CENTRAL FIRE ALARM SYSTEM, DIGITAL ALARM COMMUNICATOR TYPE	USACE	13853A			Recommend renumbering 28 31 33.14 10						
28 31 76	INTERIOR FIRE ALARM AND MASS NOTIFICATION SYSTEM	USACE	13859			Recommend renumbering and naming "28 31 33.17 10 INTERIOR FIRE DETECTION AND ALARM SYSTEM"						
28 33 00.00 40	FUEL-GAS DETECTION AND ALARM	NASA	13854S									4/17/07
28 40 01	WATCHTOUR SYSTEM [FOR BRIG FACILITIES]	NAVFAC	13799			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	02300			NASA incorporated						7/31/06
31 05 19	GEOTEXTILE	USACE	02373			Recommend renumbering and naming "31 05 19.13 GEOTEXTILE For Earthwork"						
31 05 20	GEOSYNTHETIC DRAINAGE LAYER	USACE	02374			Recommend renumbering and naming "31 32 19 GEOSYNTHETIC Soil Stabilization and Layer Separation"						
31 05 21	GEOGRID SOIL REINFORCEMENT	USACE	02375			Recommend renumbering and naming "31 32 19.13 GEOGRID Soil Stabilization"						
31 05 22	GEOTEXTILE USED AS FILTERS	USACE	02378			Recommend renumbering and naming "31 32 19.16 GEOTEXTILE Soil Stabilization"						
31 10 00	CLEARING FOR CIVIL WORKS	USACE	02233			Recommend renaming "Site Clearing"						
31 11 00	CLEARING AND GRUBBING	USACE	02231									
31 21 00	PIPING; OFF-GAS	USACE	02150			Recommend renaming "Off-Gassing Mitigation"						
31 21 13	RADON MITIGATION	NAVFAC	13287									
31 23 00.00 20	EXCAVATION AND FILL	NAVFAC	02315N									
31 31 16	SOIL TREATMENT FOR SUBTERRANEAN TERMITE CONTROL	USACE	02360			Recommend renaming "Termite Control"						
31 31 16.19	TERMITE CONTROL BARRIER SYSTEM	NAVFAC	02363			Recommend renaming " Termite Control Barriers"						
31 31 16.20	BASALTIC TERMITE BARRIER	NAVFAC	02362									
31 31 16.21	MESH TERMITE BARRIER	USACE	07620									
31 32 11	SOIL SURFACE EROSION CONTROL	USACE	02370			recommend renumbering and naming "31 25 13 Erosion Controls"						10/24/06
31 32 23	FOUNDATION DRILLING AND GROUTING	USACE	02251			Recommend renumbering and naming "31 43 13 Pressure Grouting"						
31 32 39	BIOENGINEERING PRACTICES FOR STREAM BANK AND SHORELINE STABILIZATION	USACE	02665			Recommend renumbering 31 25 19						
31 36 00	WIRE MESH GABIONS [AND MATTRESSES]	USACE	02371			Recommend renaming "Gabions"						
31 41 16	METAL SHEET PILING	USACE	02464			Recommend renumbering and naming "31 41 16.13 Steel Sheet Piling"						

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31 60 00	FOUNDATION PREPARATION	USACE	02217			Recommend renumbering and naming "31 32 13 Subgrade Preparation"						
31 62 13.13	CAST-IN-PLACE CONCRETE PILES	NAVFAC	02459									
31 62 13.20	PRECAST/PRESTRESSED CONCRETE PILES	NAVFAC	02450									
31 62 13.24	PRESTRESSED CONCRETE CYLINDER PILES	USACE	02463									
31 62 13.26	PRESSURE-INJECTED FOOTINGS	NAVFAC	02466									
21 31 62 16.16	STEEL H PILES	NAVFAC	02460									
21 31 62 16.16 10	STEEL H-PILES	USACE	02456A			Recommend renumbering 31 62 16.16 10						
22 31 62 19.00 20	TIMBER PILES	NAVFAC	02458N			NASA Incorporated, renumber 31 62 19 upon merger	5/7/07					10/24/06
31 62 19.13	WOOD MARINE PILES	NAVFAC	02461									
22 31 62 20.00 10	TIMBER PILES	USACE	02457A			Merge into 31 62 19.00 20	5/7/07			5/14/07		
31 62 21	Piling: COMPOSITE, WOOD AND CAST IN-PLACE CONCRETE	USACE	02462			Recommend renumbering and naming "31 62 23 Composite Piles"						
31 62 23.13	CAST-IN-PLACE CONCRETE PILES, STEEL CASING	USACE	02455			Recommend renumbering 31 62 13.15						
31 63 16	AUGER CAST GROUT PILES	USACE	02465									
31 63 26.00 10	DRILLED FOUNDATION CAISSONS (PIERS)	USACE	02466A									
31 63 26.16 20	DRILLED FOUNDATION CAISSONS	NAVFAC	02468N			Recommend renaming "Concrete Caissons For Marine Construction"						
31 68 13	SOIL AND ROCK ANCHORS	USACE	02490			Recommend renaming "Rock Foundation Anchors"						
31 73 00	TUNNEL AND SHAFT GROUTING	USACE	02430									
DIV 32	EXTERIOR IMPROVEMENTS											
32 01 11.51	RUBBER AND PAINT REMOVAL FROM AIRFIELD PAVEMENTS	NAVFAC	02981			Recommend renaming "Rubber and Paint Removal From Paving"						
32 01 11.52	RUNWAY RUBBER REMOVAL	USACE	02951			Recommend renaming "Rubber Removal from Paving"						
32 01 13	BITUMINOUS SEAL AND FOG COATS	USACE	02785			Recommend renaming "Flexible Paving Surface Treatment"						
32 01 16.17	COLD MILLING OF BITUMINOUS PAVEMENTS	USACE	02964			Recommend renaming "Cold Milling Asphalt Paving"						
32 01 17	COLD MIX RECYCLING	USACE	02965			Recommend renumbering and naming "32 01 16.73 In-Place Cold Reused Asphalt Paving"						
32 01 17.16	SEALING OF CRACKS IN BITUMINOUS PAVEMENTS	USACE	02975			Recommend renumbering and naming "32 01 17.61 Sealing Cracks in Asphalt Paving"						
32 01 19	FIELD MOLDED SEALANTS FOR SEALING JOINTS IN RIGID PAVEMENTS	USACE	02760			Recommend renumbering and naming "32 01 19.61 10 Sealing of Joints in Rigid Paving"						
32 01 19.61	RESEALING OF JOINTS IN RIGID PAVEMENT	NAVFAC	02982			Recommend renumbering and naming "32 01 19.61 20 Sealing of Joints in Rigid Paving"						
32 01 22	BITUMINOUS REJUVENATION	USACE	02787									
32 01 24	HOT IN-PLACE RECYCLING OF BITUMINOUS PAVEMENTS	USACE	02966			Recommend renumbering and naming "32 01 16.74 In-Place Hot Reused Asphalt Paving"						
32 01 25	HEATER SCARIFYING OF BITUMINOUS PAVEMENTS	USACE	02967			Recommend renumbering and naming "32 01 16.75 Heater Scarifying of Asphalt Paving"						
32 01 26.71	GROOVING OF AIRFIELD PAVEMENTS	USACE	02986			Recommend renaming "Grooving on Concrete Paving"						
32 01 28	PATCHING OF RIGID PAVEMENT	USACE	02980			Recommend renumbering and naming "32 01 29.61 10 Partial Depth Patching of Rigid Paving"						
32 01 29.61	PARTIAL DEPTH PATCHING OF RIGID PAVEMENT	NAVFAC	02983									
33 01 29.62	SLABJACKING RIGID PAVEMENTS	USACE	02985			Recommend renumbering 31 43 01						
32 05 33	LANDSCAPE ESTABLISHMENT	NAVFAC	02935			Recommend renumbering and naming "32 90 00 Planting"						
32 10 00	[PERVIOUS] BITUMINOUS CONCRETE PAVEMENT	NAVFAC	02741			Recommend renumbering 32 12 20						
32 11 10	DRAINAGE LAYER	USACE	02706									
32 11 16	[BASE COURSE FOR RIGID] [AND SUBBASES FOR FLEXIBLE] PAVING	USACE	02705			Recommend renaming "SUBBASES Courses"						
32 11 16.13	SAND-CLAY [BASE] [SUBBASES] COURSE	NAVFAC	02723			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	02721			Recommend renaming "Aggregate SUBBASES Courses"						
32 11 23	AGGREGATE AND/OR GRADED-CRUSHED AGGREGATE BASE COURSE	USACE	02704			Recommend renaming "Aggregate Base Courses"						
32 11 24	GRADED CRUSHED AGGREGATE BASE COURSE FOR [PERVIOUS] [FLEXIBLE] PAVEMENT	NAVFAC	02722									
32 11 26	BITUMINOUS BASE COURSE	USACE	02707			Recommend renumbering and naming "32 11 26.19 10 Bituminous Stabilized Base Courses"						
32 11 26.16	BITUMINOUS CONCRETE BASE COURSE	NAVFAC	02711			Recommend renaming "Road Mix Asphaltic Base Courses"						
32 11 27	BITUMINOUS-STABILIZED BASE COURSE, SUBBASES, OR SUBGRADE	USACE	02710			Recommend renumbering and naming "32 11 26.19 20 BITUMINOUS-STABILIZED BASE COURSES"						
32 11 29	LIME-STABILIZED BASE COURSE, SUBBASES OR SUBGRADE	USACE	02708			Recommend renaming "Lime Treated Base Courses"						
32 11 30	LIME TREATED SUBGRADE [LIME MODIFIED SOILS]	NAVFAC	02714			Recommend renumbering 32 11 13.13						
32 11 33	CEMENT STABILIZED BASE COURSE, SUBBASES OR SUBGRADE	NAVFAC	02713			Recommend renaming "Cement Base Courses"						
32 11 34	PORTLAND CEMENT-STABILIZED BASE OR SUBBASES COURSE	USACE	02709			Recommend renumbering 32 11 33.13						
32 11 36.13	LEAN CONCRETE BASE COURSE	NAVFAC	02712									
32 12 10	BITUMINOUS TACK AND PRIME COATS	USACE	02748			recommend renumbering "32 12 23"						10/24/06
32 12 11	BITUMINOUS SURFACE TREATMENT	USACE	02745			Recommend renumbering 32 12 22						
32 12 15	HOT-MIX ASPHALT (HMA) FOR AIRFIELDS	USACE	02749			recommend renumbering "32 12 16.15"						4/17/07
32 12 16	HOT MIX ASPHALT (HMA) FOR ROADS	USACE	02703			Recommend renumbering and naming "32 12 16.16 Road-Mix Asphalt Paving"						
32 12 16.19	STRESS-ABSORBING MEMBRANE INTERLAYER	NAVFAC	02976			Recommend renumbering and naming "32 12 16.26 Fiber-Modified Asphalt Paving"						
32 12 17	HOT MIX BITUMINOUS PAVEMENT	NAVFAC	02742									
32 12 18	RESIN-MODIFIED PAVEMENT SURFACING MATERIAL	USACE	02746			Recommend renumbering and naming "32 12 19.16 Resin-Modified Asphalt Paving Wearing Courses"						
32 12 19	BITUMINOUS BINDER AND WEARING COURSES (CENTRAL-PLANT COLD-MIX)	USACE	02701			Recommend renumbering 32 12 21.19						
32 12 20	POROUS FRICTION COURSE FOR AIRFIELDS AND ROADS	USACE	02747			Recommend renumbering 32 12 43.20						
32 12 21	BITUMINOUS ROAD-MIX SURFACE COURSE	USACE	02744									
32 12 22.00 10	POLYMER CONCRETE-MICRO-OVERLAY (PCMO) FOR FUEL AND ABRASION RESISTANT	USACE	02786A			Recommend renumbering 32 12 36.33 10						
32 12 36.19	COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER	NAVFAC	02788									
32 12 37	FUEL-RESISTANT (COAL TAR) SEALER	USACE	02761			Recommend renumbering and naming "32 12 36.16 Coal Tarseal Coats"						
32 13 11	CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY-DUTY PAVEMENTS MORE THAN	USACE	02753			Recommend renumbering 32 13 13.02						
32 13 13.03	AIRFIELDS AND HEAVY-DUTY CONCRETE PAVEMENT LESS THAN 10000 CUBIC YARDS	NAVFAC	02751									
32 13 13.06	PORTLAND CEMENT CONCRETE PAVEMENT FOR ROADS AND SITE FACILITIES	NAVFAC	02752									
32 13 14	CONCRETE PAVEMENTS FOR SMALL PROJECTS	USACE	02754									
32 13 16.16	ROLLER-COMPACTED CONCRETE (RCC) PAVEMENT	USACE	02755			Recommend renaming "Roller-Compacted Concrete (RCC) Paving"						
32 13 17	STONE MATRIX ASPHALT (SMA) FOR AIRFIELD PAVEMENTS	USACE	02740			recommend renumbering and naming "32 12 16.23 Reinforced Asphalt Paving"						1/12/07
32 13 73	COMPRESSION JOINT SEALS FOR CONCRETE PAVEMENTS	USACE	02762			Recommend renaming "Paving Joint Sealants"						
32 15 00	AGGREGATE SURFACE COURSE	USACE	02731			Recommend renaming "Aggregate Surfacing"						
32 16 13	CONCRETE SIDEWALKS AND CURBS AND GUTTERS	USACE	02770									
32 16 15	CONCRETE BLOCK PAVEMENTS	USACE	02780			Recommend renumbering and naming "32 14 13 Precast Concrete Unit Paving"						
32 17 23.00 20	PAVEMENT MARKINGS	NAVFAC	02761N									
32 17 24.00 10	PAVEMENT MARKINGS	USACE	02763A			Recommend renumbering 32 17 23.00 10						

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32 18 16.13	PLAYGROUND PROTECTIVE SURFACING	USACE	02791									
23 32 31 00.00 10	FENCING	USACE	02821A	2/22/07		Rename and number to "32 31 26 Wire Fences and Gates"	4/9/07	-				
23 32 31 13.00 20	CHAIN LINK FENCES AND GATES	NAVFAC	02821N	2/8/07		merge into 32 31 13.00 40 and delete upon approval	4/9/07	-				
23 32 31 13.00 40	CHAIN LINK FENCES AND GATES	NASA	02825S	2/8/07		Renumber 32 31 13 as merged section	4/9/07	-		5/9/07		10/24/06
23 32 31 13.15	HIGH SECURITY CHAIN LINK FENCES AND GATES	USACE	NEW			New section due to merger and disassembly	4/9/07	-				
32 32 23	SEGMENTAL CONCRETE BLOCK RETAINING WALL	USACE	02832			Recommend renumbering and naming "32 32 23.13 Segmental Concrete Unit Masonry Retaining Walls"						
32 84 23	UNDERGROUND SPRINKLER SYSTEM	USACE	02810			Being worked on by UFGS Working Group. Recommend renumbering 32 84 23.00 10						
32 84 24	IRRIGATION SPRINKLER SYSTEM	NAVFAC	02811			Being worked on by UFGS Working Group. Recommend renumbering and naming "32 84 23.00 20 Underground						
32 92 19	SEEDING	NAVFAC	02921									10/24/06
32 92 23	SODDING	NAVFAC	02922									
32 92 26	SPRIGGING	NAVFAC	02923									
32 93 00	PLANTS	NAVFAC	02930									
32 96 00	TRANSPLANTING	NAVFAC	02915									
DIV 33	UTILITIES											
33 05 16	CONCRETE POLES	NAVFAC	02588			Recommend renumbering and naming "33 71 16.13 Precast Concrete Electrical Utilities Poles"						
33 05 23.19	TRENCHLESS EXCAVATION USING MICROTUNNELING	NAVFAC	02441			Recommend renaming "Microtunneling"						
33 11 00	WATER DISTRIBUTION	NAVFAC	02510			Recommend renaming "Water Distribution Piping"						10/24/06
33 11 23.00 20	NATURAL GAS AND LIQUID PETROLEUM PIPING	NAVFAC	15195N			Recommend renumbering and naming "33 50 00 Fuel Distribution Utilities"						
33 16 13.16	WIRE-WOUND CIRCULAR PRESTRESSED-CONCRETE WATER TANK	NAVFAC	13208			Recommend renaming "Prestressed Concrete Above Ground Water Utility Storage Tanks"						
33 16 15	WATER STORAGE STEEL TANKS	USACE	13209									
33 20 00	WELLS	USACE	02521									
33 24 00.00 20	[EXTRACTION] [MONITORING] WELLS	NAVFAC	02525N									
33 24 13	GROUND-WATER MONITORING WELLS	USACE	02522									
33 26 00.00 10	RELIEF WELLS	USACE	02525A									
33 30 00	SANITARY SEWERS	USACE	02531			NASA incorporated, Recommend renaming "Sanitary Sewerage Utilities"						7/31/06
33 32 13.13 40	PACKAGED SEWAGE LIFT STATIONS, WET WELL TYPE	NASA	02535S									4/17/07
33 32 16.13	PACKAGE [GRINDER PUMP] [LIFT] STATION	NAVFAC	11312			Recommend renaming "Packaged Utility Wastewater Pumping Station"						
33 34 00	FORCE MAINS AND INVERTED SIPHONS; SEWER	USACE	02532			Recommend renaming "Sanitary Utility Sewerage Force Mains"						
33 34 13	SIPHONS, DOSING	USACE	11314			Recommend renaming "Sanitary Utility Sewerage Inverted Siphons"						
33 40 00.00 40	STORM DRAINAGE UTILITIES	NASA	02635S	5/5/04	5/6/04	To be merged with USACE 33 40 00						4/17/07
33 40 01	STORM DRAINAGE	USACE	02630			Recommend renumbering and naming " 33 40 00 Storm Drainage Utilities"						
33 45 00.00 10	SPEED REDUCERS FOR STORM WATER PUMPS	USACE	15005A			Recommend renumbering and naming "33 45 23.00 10 Speed Reducers for Storm Water Drainage Pumps"						
33 46 13	FOUNDATION DRAINAGE	USACE	02621									
33 46 16	SUBDRAINAGE SYSTEM	USACE	02620			Recommend renaming "Subdrainage Piping"						
33 47 13	POND AND RESERVOIR LINERS	NAVFAC	02661									
33 51 00.00 20	NATURAL GAS DISTRIBUTION	NAVFAC	02551N			Being worked on by UFGS Mechanical Working Group						
33 51 01.00 10	GAS PIPING SYSTEMS	USACE	15190A			Recommend renumbering and naming "33 51 13.00 10 Natural Gas Piping"						
33 51 03.00 10	GAS DISTRIBUTION SYSTEM	USACE	02556A			Being worked on by UFGS Mechanical Working Group, Recommend renumbering and naming "33 51 00.00 10 Natural Gas Distribution"						
33 52 13	EXTERIOR FUEL DISTRIBUTION	NAVFAC	02555			Being worked on by UFGS Mechanical Working Group, Recommend renaming "Fuel-Oil Distribution"						
33 52 43.00 20	AVIATION FUEL DISTRIBUTION AND DISPENSING	NAVFAC	15194N			Being worked on by UFGS Mechanical Working Group						
33 52 44	AVIATION FUELING SYSTEMS	USACE	11145			Being worked on by UFGS Mechanical Working Group, recommend renumbering and naming "33 52 43.00 10 Aviation Fuel Distribution"						
33 52 90.00 20	WELDING FOR POL SERVICE PIPING	NAVFAC	NEW			will be superseded by USACE when merged section is completed.						4/17/07
33 56 13	ABOVEGROUND FUEL OIL STORAGE TANKS	NAVFAC	13210									
33 56 13.13	STEEL TANKS WITH FIXED ROOFS	NAVFAC	13205									
33 56 13.14	FIBERGLASS-PLASTIC LINING FOR STEEL TANK BOTTOMS (FOR PETROLEUM)	NAVFAC	13217			recommend renumbering "44 42 73"						
33 56 16	UNDERGROUND PETROLEUM TANKS	NAVFAC	13216			Recommend renaming "Underground FUEL STORAGE TANKS"						
33 56 53	PRESSURE VESSELS FOR STORAGE OF COMPRESSED GASES	USACE	13211			Recommend renumbering and naming "33 56 23 Compressed Gases Storage Tanks"						
33 56 63	FUEL IMPERMEABLE LINER SYSTEM	USACE	02662			Recommend renumbering 31 35 26.26						
33 58 00	LEAK DETECTION FOR FUELING SYSTEM	USACE	NEW									4/17/07
33 59 00	TIGHTNESS TESTING OF UNDERGROUND FUEL SYSTEMS	USACE	13203									4/17/07
33 60 00.00 10	CENTRAL HIGH TEMPERATURE WATER (HTW) GENERATING PLANT AND AUXILIARIES	USACE	15555A			Recommend renaming "Hydronic and Steam Energy Utilities"						
33 60 01	VALVES, PIPING, AND EQUIPMENT IN VALVE MANHOLES	USACE	02560			Recommend renumbering 33 61 16						
33 60 02	ABOVEGROUND HEAT DISTRIBUTION SYSTEM	USACE	02548			Recommend renumbering and naming "33 61 23 Above Ground Hydronic Energy Distribution"						
33 61 00	PREFABRICATED UNDERGROUND HEATING/COOLING DISTRIBUTION SYSTEM	USACE	02549			Recommend renumbering 33 61 16						
33 61 13	PRE-ENGINEERED UNDERGROUND HEAT DISTRIBUTION SYSTEM	USACE	02546			Recommend renumbering 33 61 17						
33 61 14	EXTERIOR BURIED PREINSULATED WATER PIPING	NAVFAC	02557									
33 61 15	HEAT DISTRIBUTION SYSTEMS IN CONCRETE TRENCHES	USACE	02547									
33 63 13	EXTERIOR UNDERGROUND STEAM DISTRIBUTION SYSTEM	NAVFAC	02553			Recommend renaming "Underground Steam and Condensate Distribution Piping"						
33 63 14	EXTERIOR BURIED PUMPED CONDENSATE RETURN	NAVFAC	02556									
33 63 16	EXTERIOR SHALLOW TRENCH STEAM DISTRIBUTION	NAVFAC	02552									
33 63 23	EXTERIOR ABOVEGROUND STEAM DISTRIBUTION	NAVFAC	02554			Recommend Renaming "Above Ground Steam and Condensate Distribution Piping"						
33 65 00	CLEANING PETROLEUM STORAGE TANKS	NAVFAC	13219			Recommend renumbering and naming " 33 01 50.51 Cleaning Fuel Storage Tanks"						
33 70 02.00 10	ELECTRICAL DISTRIBUTION SYSTEM, UNDERGROUND	USACE	16375A			Being worked on by UFGS Electrical Working Group, Recommend renumbering to "33 71 17.00 10"						1/12/07
33 71 01	OVERHEAD TRANSMISSION AND DISTRIBUTION	NAVFAC	16301N			Being worked on by UFGS Electrical Working Group, Recommend renumbering 33 71 11.00 20						
33 71 02.00 20	UNDERGROUND ELECTRICAL DISTRIBUTION	NAVFAC	16302N			Being worked on by UFGS Electrical Working Group, Recommend renumbering to "33 71 17.00 20"						1/12/07
33 71 39.13 40	OVERHEAD HIGH-VOLTAGE WIRING	NASA	16305S			Being worked on by UFGS Electrical Working Group, NEED TO CONTACT AND COORDINATE						1/12/07
33 73 00.00 40	UTILITY TRANSFORMERS	NASA	16276S	2/28/05	3/10/05	To be merged with ????						1/12/07
33 75 00.00 40	HIGH-VOLTAGE SWITCHGEAR AND PROTECTION DEVICES	NASA	16445S	7/7/05								4/17/07
33 75 13.00 40	AIR HIGH VOLTAGE CIRCUIT BREAKER	NASA	16325S	2/28/05	3/23/05	To be merged with USACE ????						1/12/07
33 77 13.00 40	AIR MEDIUM-VOLTAGE CIRCUIT BREAKER	NASA	16326S	2/28/05	3/23/05	To be merged with USACE ????						1/12/07
33 77 19.00 40	GAS MEDIUM VOLTAGE BREAKER	NASA	16328S	2/28/05	3/23/05	To be merged with USACE ????						1/12/07
33 77 36.00 40	MEDIUM-VOLTAGE UTILITY FUSES	NASA	16495S	12/29/04	1/10/05	To be merged with NAVFAC ????						1/12/07

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	A PROPOONENT	B MASTER FORMAT 95 NUMBER	C INITIATE REVIEW	D REVIEW COMPLETED	E RECOMMENDATIONS, EDITING.	F SUBMITTED TO TP	G COMMENTS RECEIVED	H FINAL DRAFT SUBMITTED	I DWG / TP APPROVAL	J SUBMITTED FOR QA & POSTING	K POSTING VERIFIED & CCR CLOSED
33 81 27	PIER TELEPHONE DISTRIBUTION SYSTEMS	NAVFAC	16722									
33 82 00	TELECOMMUNICATIONS OUTSIDE PLANT (OSP)	NAVFAC	16711									
33 82 01	INTERCOMMUNICATION SYSTEM	USACE	16721			Recommend renumbering and naming "27 51 23.20 Commercial Intercommunications and Program Systems"						
33 82 33.00 10	COAXIAL CABLE DATA TRANSMISSION SYSTEM	USACE	16794A			Recommend renumbering and naming "27 13 33.00 10 Communications Coaxial Backbone Cabling"						
DIV 34	TRANSPORTATION											
34 11 00	RAILROAD TRACK AND ACCESSORIES	USACE	05650			Recommend renaming "Rail Tracks"						
34 11 19.00 20	WELDING CRANE AND RAILROAD RAIL - THERMITE METHOD	NAVFAC	05625N			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	NEW									1/12/07
34 43 00.00 20	AIRFIELD LIGHTING	NAVFAC	16522N			Recommend renumbering 34 42 16.20 20						
34 71 13.19	ACTIVE VEHICLE BARRIERS	USACE	02840			Recommend renaming "Vehicle Traffic Barriers"						
34 73 13	MOORING AND GROUNDING POINTS FOR AIRCRAFT	USACE	02390			Recommend renaming "Aircraft Tiedowns"						
DIV 35	WATERWAY AND MARINE											
35 01 41.00 10	ELECTROMECHANICAL OPERATING MACHINERY FOR LOCKS	USACE	11283A			Recommend renumbering 35 49 23.41 10						
35 01 42.00 10	VERTICAL GATE LIFT SYSTEMS	USACE	11284A			Recommend renumbering and naming "35 20 16.54 10 Vertical Lift Gate Power Systems"						
35 01 43	WIRE ROPE FOR GATE OPERATING DEVICES	USACE	11290			Recommend renumbering 35 01 70.87						
35 20 14	STOPLOGS	USACE	05615									
35 20 16.33	MITER GATES	USACE	11285			Recommend renaming "Hydraulic Miter Gates"						
35 20 16.39	SECTOR GATES	USACE	11286			Recommend renaming "Hydraulic Sector Gates"						
35 20 16.46	TAINTER GATES AND ANCHORAGES	USACE	11287			Recommend renaming "Hydraulic Tainter Gates and Anchorages"						
35 20 16.53	VERTICAL LIFT GATES	USACE	11288			Recommend renaming "Hydraulic Vertical Lift Gates"						
35 20 16.59	CLOSURE GATES	USACE	11289			Recommend renaming Hydraulic Closure Gates"						
35 20 20	ELECTRICAL EQUIPMENT FOR GATE HOIST	USACE	16905									
35 20 23	DREDGING	NAVFAC	02325									
35 31 19	STONE, CHANNEL, SHORELINE/COASTAL PROTECTION FOR STRUCTURES	USACE	02380			Recommend renumbering and naming "35 31 00 Shoreline Protection"						
35 31 19.20	ARTICULATING CONCRETE BLOCK REVETMENTS	USACE	02382			Recommend renumbering and naming "35 31 19.16 Concrete Unit Masonry Revetments"						
35 41 00	LEVEE CONSTRUCTION	USACE	02331									
31 42 34	REINFORCED SOIL SLOPE	USACE	02332			Recommend renumbering and naming "31 35 19 GEOSYNTHETIC Slope Protection"						
35 51 13.00 20	CONCRETE FLOATING PIER FOR SMALL CRAFT	NAVFAC	03420N			Recommend renumbering 35 51 13.21 20						
35 59 13.13	PRESTRESSED CONCRETE FENDER PILING	NAVFAC	02395			Recommend renaming "Prestressed Concrete Marine Fender Piling"						
35 59 13.14 20	POLYMERIC FENDER PILES	NAVFAC	NEW									
35 59 13.16	MARINE FENDERS	NAVFAC	02396									1/12/07
35 59 13.19	ARCH-TYPE RUBBER MARINE FENDERS	NAVFAC	02397									
35 73 13	EMBANKMENT FOR EARTH DAMS	USACE	02330			Recommend renaming "Earth Embankment Dam"						
DIV 36-39	RESERVED FOR FUTURE EXPANSION											
DIV 40	PROCESS INTEGRATION											
40 17 26.00 20	WELDING PRESSURE PIPING	NAVFAC	15216N			Recommend renumbering 40 01 26.00 20						
40 18 00.00 40	VACUUM SYSTEMS PROCESS PIPING	NASA	15218S									4/17/07
40 05 13	PIPELINES, LIQUID PROCESS PIPING	USACE	15200			Recommend renumbering and naming "40 20 00 Liquids Process Piping"						
40 41 13.13 40	PROCESS PIPING ELECTRICAL RESISTANCE HEAT TRACING	NASA	15767S									1/12/07
40 42 13.26 40	PROCESS PIPING INSULATION FOR SPECIALTY APPLICATIONS	NASA	15120S									
40 95 00	PROCESS CONTROL	USACE	13405			Recommend renumbering and naming "40 90 00 Instrumentation and Control for Process Systems"						
40 95 33.23 20	FIBER OPTIC (FO) OUTSIDE PLANT (OSP) MEDIA	NAVFAC	16713N			Recommend renumbering 27 13 24.00 20						
40 95 33.23 40	FIBER OPTIC PROCESS CONTROL NETWORKS	NASA	16121S	2/28/05	3/9/05	To be merged with NAVFAC						4/17/07
DIV 41	MATERIAL PROCESSING AND HANDLING EQUIPMENT											
25 41 22 03.13 20	MONORAIL WITH MANUAL HOIST	NAVFAC	14534N			Recommend merging into 41 22 23.19 10	5/14/07					
25 41 22 03.16 20	MONORAIL WITH AIR MOTOR POWERED HOIST	NAVFAC	14535N			Recommend merging into 41 22 23.19 11	5/14/07					
25 41 22 03.19 20	MONORAIL WITH ELECTRIC POWERED HOISTS	NAVFAC	14622N			Recommend merging into 41 22 23.19 12	5/14/07					
24 41 22 13.13 20	CRANES, OVERHEAD ELECTRIC, TOP RUNNING (UNDER 20,000 POUNDS)	NAVFAC	14636N			Recommend renumbering and naming "41 22 13.14 20 Bridge Cranes, Overhead Electric, Top Running (Under 20,000						
24 41 22 13.14 20	CRANES, OVERHEAD ELECTRIC, UNDERRUNNING	NAVFAC	14637N			Recommend renumbering and naming "41 22 13.15 20 Bridge Cranes, Overhead Electric, Underrunning"						
24 41 22 15.00 10	OVERHEAD ELECTRIC CRANES	USACE	14630A			Recommend renumbering and naming "41 22 13.00 10 Cranes"						
25 41 22 23.19 10	MONORAILS WITH ELECTRIC, AIR, OR MANUAL POWERED HOIST	USACE	14605A			Recommend renumbering and naming "41 22 23.19 Monorail Hoists"	5/14/07					
24 41 22 23.23 20	PORTAL CRANE TRACK INSTALLATION	NAVFAC	14606N			Recommend renumbering 41 22 13.31 20						
41 24 26	HYDRAULIC FLUID POWER SYSTEMS	USACE	15495									
41 24 27.00 10	HYDRAULIC POWER SYSTEMS FOR CIVIL WORKS STRUCTURES	USACE	15010A									
41 36 30.00 10	ULTRASONIC INSPECTION OF PLATES	USACE	05092A			Recommend renumbering 41 36 29.40 10						
41 65 10.00 10	DIESEL/NATURAL GAS FUELED ENGINE PUMP DRIVES	USACE	15133A			Recommend renumbering and naming "33 45 16.00 10 Diesel/Natural Gas Fueled Engine Vertical Pump Drives for Flood Control"						
DIV 42	PROCESS HEATING, COOLING, AND DRYING EQUIPMENT											
42 22 00.00 40	PROCESS CHILLERS AND COOLERS	NASA	15625S									4/17/07
42 22 13.00 40	CENTRIFUGAL PROCESS CHILLERS AND COOLERS	NASA	15626S	1/10/05	1/12/05	To be merged with ????						
42 22 16.00 40	RECIPROCATING PROCESS CHILLERS AND COOLERS	NASA	15627S	1/20/05	1/27/05	To be merged with ????						
42 23 13.00 40	PROCESS CONDENSERS	NASA	15675S									
DIV 43	PROCESS GAS AND LIQUID HANDLING, PURIFICATION AND STORAGE EQUIPMENT											
43 02 00	WELDING PRESSURE PIPING	USACE	05093									
43 11 00	FANS/BLOWERS/PUMPS: OFF-GAS	USACE	11215			Recommend naming "Gas Fans, Blowers and Pumps"						
43 13 13.13	VAPOR PHASED ACTIVATED CARBON ADSORPTION UNITS	USACE	11226			check for redundancy, Recommend renumbering and naming "43 31 13.13 Activated Carbon-Gas and Liquid Purification						
43 15 00.00 20	LOW PRESSURE COMPRESSED AIR PIPING (NON-BREATHING AIR TYPE)	NAVFAC	15211N			Recommend Renumbering and naming "40 12 16.20 20 Non-Breathing Compressed-Air Process Piping (Low Pressure)						
43 21 13	PUMPS: WATER, CENTRIFUGAL	USACE	11211			Recommend renaming "Centrifugal Liquid Pumps"						
43 21 29	FLOW MEASURING EQUIPMENT [POTABLE WATER] [SEWAGE TREATMENT PLANT]	NAVFAC	13401			Recommend renaming "Liquid Metering Pumps"						
43 21 39	PUMPS: WATER VERTICAL TURBINE	USACE	11212			Recommend renaming "Submersible Liquid Pumps"						
43 31 13.14	DOWNFLOW LIQUID ACTIVATED CARBON ADSORPTION UNITS	USACE	11225									
43 31 14	TRICKLING FILTER	USACE	11365			Recommend renumbering 44 45 15						
43 32 69	CHEMICAL FEED SYSTEMS	USACE	11242									
43 32 76	CHLORINE-FEEDING MACHINES (AUTOMATIC, SEMIAUTOMATIC AND MANUAL)	USACE	11241			Recommend renaming "Chlorination Equipment"						

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