

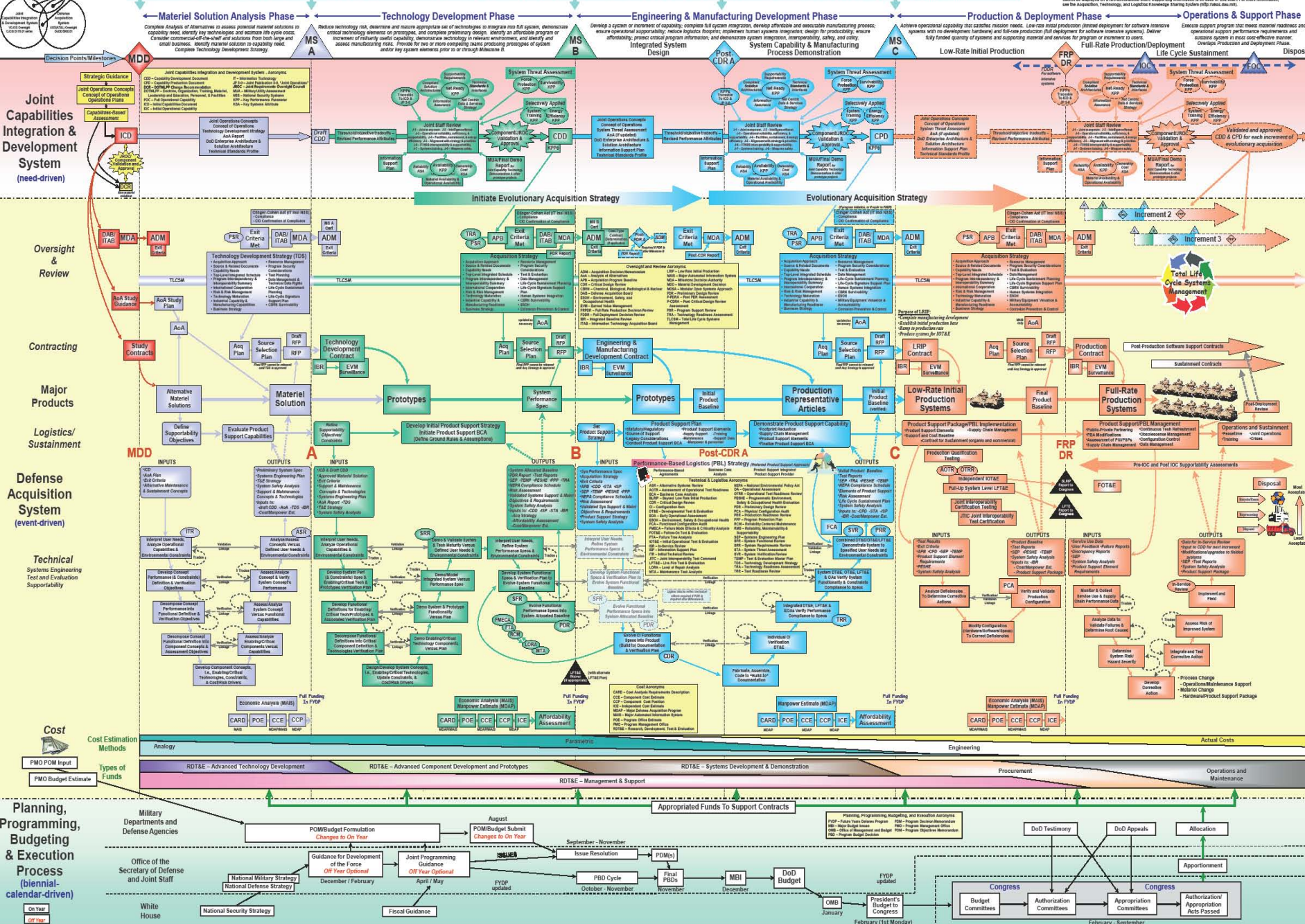
Corrosion: It's Your Fault

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Hughes Associates, Inc.
9 February 2010

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Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System

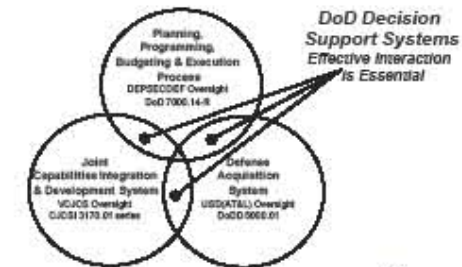
Following the Materiel Development Decision, the Milestone Decision Authority may authorize entry into the acquisition process at any point, consistent with phase-specific entrance criteria and statutory requirements



Huge Life Cycle

- Decades and Decades
- Increments and Modernizations
- System Life Extensions and Resets
- Budgets Go Up and Budgets Go Down
- Emphasis on Corrosion Goes Up and Down
- And Corrosion of Materiel / Facilities Goes On
 - Cannot Truly “Prevent” Corrosion – Can Only Manage It

Integrated Defense Acquisition, Te



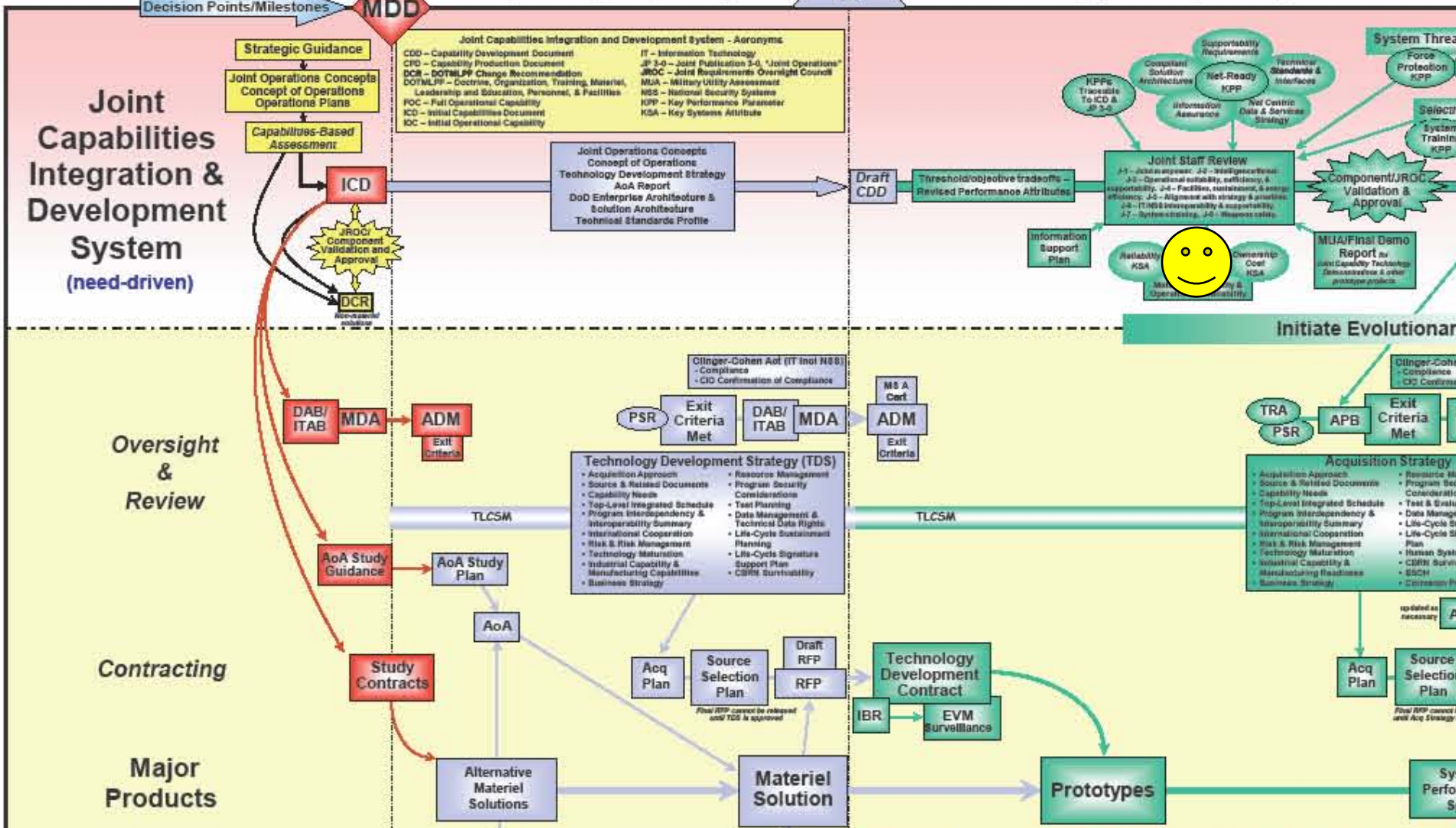
Following the Materiel Development Decision, the Milestone Decision Authority may authorize entry

Material Solution Analysis Phase

Complete Analysis of Alternatives to assess potential materiel solutions to capability need, identify key technologies and estimate life cycle costs. Consider commercial-off-the-shelf and solutions from both large and small business. Identify materiel solution to capability need. Complete Technology Development Strategy.

Technology Development Phase

Reduce technology risk, determine and mature appropriate set of technologies to integrate into full system, critical technology elements on prototypes, and complete preliminary design. Identify an affordable price increment of militarily useful capability, demonstrate technology in relevant environment, and assess manufacturing risks. Provide for two or more competing teams producing prototypes of system and/or key system elements prior to or through Milestone B.



Now: 2010

TRADOC

NO CPC IN REGs ~~ORD~~ CDD/CPD
RAM IS #1 ISSUE, CPC IS BOTTOM OF LIST

~~SARDA~~
SAALT

LIMITED PM RESPONSE
CPC IS NOT NORMAL BUSINESS
HMMWV -- 'LET IT CORRODE'
-- NOT IN CPAT
-- TRAINING IF FREE

Comanche
DA ~~DSCLOG~~ NEW VERSION 750-1, ~~OCT 89~~ SEPT 07
G-4 NO CPC IN THAT REG

IF {

SUPPORT !

SOME AUTHORITY !

SOME MONEY !

INTEREST !

THEN

ARMY
NO ^ PROGRAM ?

DOD Weapon System Acquisition Reform

Product Support Assessment

November 2009

“Product support [system sustainment], vital to both acquisition and logistics, has been treated as the stepchild of both functions. The acquisition community has neglected it, and the logistics community seems mismatched to effectively perform its demanding scope.”

DOD Weapon System Acquisition Reform

Product Support Assessment

November 2009

Governance - Recommendation: Improve weapon system governance so sustainment factors [think corrosion] are better considered early and consistently across a weapon system life cycle

DOD Weapon System Acquisition Reform

Product Support Assessment

November 2009

Human Capital:

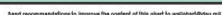
- DoD must set clear objectives to integrate product support competencies across the acquisition and logistics workforce domains to institutionalize the successful traits of an outcome-based culture.
- Further, industry product support personnel, along with their government colleagues, must be more seamlessly equipped to acquire requisite product support competencies and proficiencies.

Circa 1990

CORROSION PROGRAM ACCREDITATION PROGRAM, BACKGROUND

- ACCREDITATION PROGRAM INITIATED SEPTEMBER, 1988
- PROGRAM WOULD FOLLOW THE NATIONAL ASSOCIATION OF CORROSION ENGINEERS (NACE) ACCREDITATION GUIDELINES
- PROGRAM TRAINING SIMILAR TO NDT TRAINING AR 702-22
- PROBLEMS:
 - NACE ESTABLISHED TO ASSIST THE PETRO-CHEMICAL INDUSTRY, NOT THE ARMY
 - TRAINING TOO TECHNICAL
 - EXAMPLES NOT RELEVANT TO ARMY COMMUNITY
 - PROGRAM DIFFICULT TO DUPLICATE IN ARMY SYSTEM

It's déjà vu all over again



199 OFFICER MOS:

40 CPC DIRECT, 159 CPC INDIRECT

BRANCH 11 INFANTRY	BRANCH 56 CHAPLAIN	BRANCH 63 DENTAL CORPS	BRANCH 90 LOGISTICS	FA 49 OPERATIONS RESEARCH/SYSTEMS ANALYSIS (ORSA)
11A INFANTRY	56A COMMAND AND UNIT CHAPLAIN	63A GENERAL DENTIST	90A LOGISTICS	49A OPERATIONS RESEARCH/SYSTEMS ANALYSIS TRAINED, ORSA
BRANCH 12 CORPS OF ENGINEERS	56D CLINICAL PASTORAL EDUCATOR	63B COMPREHENSIVE DENTIST	BRANCH 91 ORDNANCE	49W UNTRAINED, ORSA
12A ENGINEER, GENERAL	BRANCH 60 MEDICAL CORPS	63D PERIODONTIST	91A MAINTENANCE & MUNITIONS MATERIEL OFFICER	FA 50 FORCE MANAGEMENT
12B COMBAT ENGINEER	60A OPERATIONAL MEDICINE	63E ENDODONTIST	BRANCH 92 QUARTERMASTER CORPS	50A FORCE DEVELOPMENT
12D FACILITIES/CONTRACT CONSTRUCTION MANAGEMENT ENGINEER (FCOME)	60B NUCLEAR MEDICINE OFFICER	63F PROSTHODONTIST	92A QUARTERMASTER, GENERAL	FA 51 RESEARCH, DEVELOPMENT AND ACQUISITION
BRANCH 13 FIELD ARTILLERY	60C PREVENTIVE MEDICINE OFFICER	63H PUBLIC HEALTH DENTIST	92D AERIAL DELIVERY AND MATERIEL	51A SYSTEMS DEVELOPMENT
13A FIELD ARTILLERY, GENERAL	60D OCCUPATIONAL MEDICINE OFFICER	63K PEDIATRIC DENTIST	92F PETROLEUM AND WATER	51C CONTRACT AND INDUSTRIAL MANAGEMENT
BRANCH 14 AIR DEFENSE ARTILLERY	60F PULMONARY DISEASE/CRITICAL CARE OFFICER		92G TELECOMMUNICATIONS SYSTEMS ENGINEERING	51R SYSTEMS AUTOMATION ACQUISITION AND ENGINEERING
14A AIR DEFENSE ARTILLERY OFFICER	60G GASTROENTEROLOGIST		92H TELECOMMUNICATIONS SYSTEMS ENGINEER	51S RESEARCH AND ENGINEERING
BRANCH 15 AVIATION	60H CARDIOLOGIST		92I TELECOMMUNICATIONS SYSTEMS ENGINEER	51T TEST AND EVALUATION
15A AVIATION, GENERAL	60J OBSTETRICIAN			51Z ACQUISITION
15B AVIATION COMBINED ARMS OPERATIONS	60K UROLOGIST			FA 52 NUCLEAR AND COUNTERPROLIFERATION
15C AVIATION ALL-SOURCE INTELLIGENCE	60L OBSTETRICIAN			52A NUCLEAR AND COUNTERPROLIFERATION
BRANCH 18 SPECIAL FORCES	60M OBSTETRICIAN			FA 53 SYSTEMS AUTOMATION OFFICER
18A SPECIAL FORCES				53A INFORMATION SYSTEMS MANAGEMENT
BRANCH 19 ARMOR				53B DESIGNATED SYSTEMS AUTOMATION
19A ARMOR, GENERAL				53C SIMULATIONS OPERATIONS
19B ARMOR				53D SIMULATIONS OPERATIONS OFFICER
19C CAVALRY				53E STRATEGIC PLANS AND POLICY
BRANCH 21 CORPS OF ENGINEERS				53F STRATEGIC PLANS AND POLICY
21A ENGINEER, GENERAL				53G STRATEGIC PLANS AND POLICY
21B COMBAT ENGINEER				53H SERVICES
21D FACILITIES/CONTRACT CONSTRUCTION MANAGEMENT ENGINEER (FCOME)				53I CARE ADMINISTRATION
BRANCH 25 SIGNAL CORPS				53J SERVICES ADMINISTRATION
25A SIGNAL, GENERAL				53K HEALTH SERVICES COMPTROLLER
BRANCH 27 JUDGE ADVOCATE GENERAL'S CORPS				53L HEALTH SERVICES SYSTEMS MANAGEMENT
27A JUDGE ADVOCATE GENERAL				53M PATIENT ADMINISTRATION
27B MILITARY JUDGE				53N HEALTH SERVICES HUMAN RESOURCES
BRANCH 31 MILITARY POLICE				53O HEALTH SERVICES PLANS, OPERATIONS, INTELLIGENCE, SECURITY, AND TRAINING
31A MILITARY POLICE				53P HEALTH SERVICES MATERIEL
BRANCH 35 MILITARY INTELLIGENCE				53Q LABORATORY SCIENCES
35C IMAGERY INTELLIGENCE (IMINT)	61C			71A MICROBIOLOGY
35D ALL SOURCE INTELLIGENCE	61H			71B BIOCHEMISTRY
35E COUNTER INTELLIGENCE (CI)	61J			71C
35F HUMAN INTELLIGENCE (HUMINT)	61K THORACIC SURGEON			71E CLINICAL LABORATORY
35G SIGNALS INTELLIGENCE/ELECTRONIC WARFARE (SIGINT/EW)	61L PLASTIC SURGEON			71F RESEARCH PSYCHOLOGY
BRANCH 36 FINANCIAL MANAGEMENT	61M ORTHOPEDIC SURGEON			MFA 72 PREVENTIVE MEDICINE SCIENCES
36A FINANCIAL MANAGER	61N FLIGHT SURGEON			72A NUCLEAR MEDICAL SCIENCE
BRANCH 37 PSYCHOLOGICAL OPERATIONS	61P PHYSIATRIST			72B ENTOMOLOGY
37A PSYCHOLOGICAL OPERATIONS	61Q RADIATION ONCOLOGIST			72C AUDIOLOGY
37X PSYCHOLOGICAL OPERATIONS, DESIGNATED	61R DIAGNOSTIC RADIOLOGIST			72D ENVIRONMENTAL SCIENCE AND ENGINEERING
BRANCH 38 CIVIL AFFAIRS (AA AND USAR)	61U PATHOLOGIST			72E ENVIRONMENTAL ENGINEER
38A CIVIL AFFAIRS (AA AND USAR)	61W PERIPHERAL VASCULAR SURGEON			MFA 73 BEHAVIORAL SCIENCES
38X CIVIL AFFAIRS, DESIGNATED	61Z NEUROSURGEON			73A SOCIAL WORK
BRANCH 42 ADJUTANT GENERAL CORPS	BRANCH 62 MEDICAL CORPS			73B CLINICAL PSYCHOLOGY
42B HUMAN RESOURCES OFFICER	62A EMERGENCY PHYSICIAN			FA 89 AMMUNITION
42C ARMY BANDS	62B FIELD SURGEON			89E EXPLOSIVE ORDNANCE DISPOSAL
42H SENIOR HUMAN RESOURCES OFFICER				
		BRANCH 63 DENTAL CORPS	BRANCH 74 CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN)	
		63A GENERAL DENTIST	74A CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN)	
		63B COMPREHENSIVE DENTIST	74B CHEMICAL OPERATIONS AND TRAINING	
		63D PERIODONTIST	74C CHEMICAL MUNITIONS AND MATERIEL MANAGEMENT	
		63E ENDODONTIST	BRANCH 88 TRANSPORTATION CORPS	
		63F PROSTHODONTIST	88A TRANSPORTATION, GENERAL	
		63H PUBLIC HEALTH DENTIST	88B TRAFFIC MANAGEMENT	
		63K PEDIATRIC DENTIST	88C MARINE AND TERMINAL OPERATIONS	
			88D MOTOR/RAIL TRANSPORTATION	
			47R USMA, PROFESSOR OF CIVIL AND MECHANICAL ENGINEERING	
			47S USMA, PROFESSOR OF PHYSICAL EDUCATION	
			47T USMA, PROFESSOR OF LEADER DEVELOPMENT AND ORGANIZATIONAL LEARNING	
			47U USMA, PROFESSOR OF MILITARY ART AND SCIENCE	
			FA 48 FOREIGN AREA OFFICER	
			48B LATIN AMERICA	
			48C EUROPE	
			48D SOUTH ASIA	
			48E EURASIA	
			48F CHINA	
			48G MIDEAST/NORTH AFRICA	
			48H NORTH-EAST ASIA	
			48I SOUTH-EAST ASIA	
			48J AFRICA, SOUTH OF THE SAHARA	
			48K FOREIGN AREA OFFICER	

73 WARRANT OFFICER MOS: 48 CPC DIRECT, 25 CPC INDIRECT

BRANCH 12	CORPS OF ENGINEERS	BRANCH 18	SPECIAL FORCES	BRANCH 60	MEDICAL CORPS
120A	UTILITIES OPERATION AND MAINTENANCE TECHNICIAN	180A	SPECIAL FORCES WARRANT OFFICER	BRANCH 64	VETERINARY CORPS
125D	GEOSPATIAL INFORMATION TECHNICIAN	BRANCH 21	CORPS OF ENGINEERS	640A	FOOD SAFETY OFFICER
BRANCH 13	FIELD ARTILLERY	210A	UTILITIES OPERATION AND MAINTENANCE TECHNICIAN	BRANCH 67	MEDICAL SERVICE CORPS
131A	FIELD ARTILLERY TARGETING TECHNICIAN	215D	GEOSPATIAL INFORMATION TECHNICIAN	670A	HEALTH SERVICES MAINTENANCE TECHNICIAN
BRANCH 14	AIR DEFENSE ARTILLERY	BRANCH 25	SIGNAL CORPS	BRANCH 74	CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN)
140A	COMMAND AND CONTROL SYSTEMS INTEGRATOR	250N	NETWORK MANAGEMENT TECHNICIAN	740A	CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) WARRANT OFFICER
140E	AIR AND MISSILE DEFENSE (AMD) SYSTEMS TACTICIAN/TECHNICIAN	251A	INFORMATION SYSTEMS TECHNICIAN	BRANCH 88	TRANSPORTATION CORPS
140X	AIR DEFENSE ARTILLERY (ADA) IMMATERIAL	254A	SIGNAL SYSTEMS SUPPORT TECHNICIAN	880A	MARINE DECK OFFICER
BRANCH 15	AVIATION	255A	INFORMATION SERVICES TECHNICIAN	881A	MARINE ENGINEERING OFFICER
150A	AIR TRAFFIC AND AIR SPACE MANAGEMENT TECHNICIAN	255N	NETWORK MANAGEMENT TECHNICIAN	882A	MOBILITY OFFICER
150U	UNMANNED AIRCRAFT SYSTEMS OPERATIONS TECHNICIAN	255S	INFORMATION PROTECTION TECHNICIAN	BRANCH 89	AMMUNITION
151A	AVIATION MAINTENANCE TECHNICIAN (NONRATED)	255Z	SENIOR NETWORK OPERATIONS TECHNICIAN	890A	AMMUNITION TECHNICIAN
152B	OH-58A/C SCOUT PILOT (RC)	BRANCH 27	JUDGE ADVOCATE GENERAL'S CORPS	BRANCH 91	ORDNANCE
152C	OH-6 PILOT	270A	LEGAL ADMINISTRATOR	913A	ARMAMENT SYSTEMS MAINTENANCE WARRANT OFFICER
152D	OH-58D PILOT	BRANCH 91	ORDNANCE	914A	ALLIED TRADES WARRANT OFFICER
152E	ARH-XX PILOT	913A	ARMAMENT SYSTEMS MAINTENANCE WARRANT OFFICER	914A	ALLIED TRADES WARRANT OFFICER
152F	AH-64A ATTACK PILOT	914A	ALLIED TRADES WARRANT OFFICER	915A	AUTOMOTIVE MAINTENANCE WARRANT OFFICER
152H	AH-64D ATTACK PILOT	915A	AUTOMOTIVE MAINTENANCE WARRANT OFFICER	916A	AUTOMOTIVE MAINTENANCE WARRANT OFFICER/SENIOR
153A	ROTARY WING AVIATOR (AIRCRAFT)	916A	AUTOMOTIVE MAINTENANCE WARRANT OFFICER/SENIOR	917A	LOGISTICS WARRANT OFFICER
153B	UH-1 PILOT (RC)	917A	LOGISTICS WARRANT OFFICER	918A	MAINTENANCE WARRANT OFFICER
153D	UH-60 PILOT	918A	MAINTENANCE WARRANT OFFICER	919A	MAINTENANCE WARRANT OFFICER
153E	MH-60 PILOT	919A	MAINTENANCE WARRANT OFFICER	920A	MAINTENANCE WARRANT OFFICER
153L	UH-72A PILOT	920A	MAINTENANCE WARRANT OFFICER	921A	MAINTENANCE WARRANT OFFICER
153M	UH-60M PILOT	921A	MAINTENANCE WARRANT OFFICER	922A	MAINTENANCE WARRANT OFFICER
154C	CH-47D PILOT	922A	MAINTENANCE WARRANT OFFICER	923A	MAINTENANCE WARRANT OFFICER
154E	MH-47 PILOT	923A	MAINTENANCE WARRANT OFFICER	924A	MAINTENANCE WARRANT OFFICER
154F	CH-47F PILOT	924A	MAINTENANCE WARRANT OFFICER	925A	MAINTENANCE WARRANT OFFICER
155A	FIXED WING AVIATOR (AIRCRAFT NONSPECIFIC)	925A	MAINTENANCE WARRANT OFFICER	926A	MAINTENANCE WARRANT OFFICER
155E	C-12 PILOT	926A	MAINTENANCE WARRANT OFFICER	927A	MAINTENANCE WARRANT OFFICER
155F	JET AIRCRAFT PILOT	927A	MAINTENANCE WARRANT OFFICER	928A	MAINTENANCE WARRANT OFFICER
155G	O-5A/EO-5B/RC-7 PILOT	928A	MAINTENANCE WARRANT OFFICER	929A	MAINTENANCE WARRANT OFFICER
		352P	ENGINEER EQUIPMENT MAINTENANCE WARRANT OFFICER	948D	ELECTRONIC SYSTEMS MAINTENANCE WARRANT OFFICER
		352S	SIGNALS COLLECTION TECHNICIAN	948D	ELECTRONIC MISSILE SYSTEMS MAINTENANCE WARRANT OFFICER
		353T	IEW SYSTEMS MAINTENANCE TECHNICIAN	948E	SENIOR ELECTRONICS MAINTENANCE WARRANT OFFICER
		BRANCH 42	ADJUTANT GENERAL CORPS		
		420A	HUMAN RESOURCES TECHNICIAN		
		420C	BANDMASTER		

233 ENLISTED MOS:

134 CPC DIRECT, 99 CPC INDIRECT

CMF 06 CMF IMMATERIAL SPECIAL DUTY ASSIGNMENT	CMF 13 FIELD ARTILLERY CANNON CREWMEMBER	CMF 21 ENGINEER COMBAT ENGINEER	CMF 36 FINANCIAL MANAGEMENT FINANCIAL MANAGEMENT TECHNICIAN	CMF 89 AMMUNITION AMMUNITION STOCK CONTROL AND ACCOUNTING SPECIALIST
00F MOS IMMATERIAL NATIONAL GUARD BUREAU (NGB)	03B TACTICAL AUTOMATED FIRE CONTROL SYSTEMS SPECIALIST	21B BRIDGE CREWMEMBER	36B PSYCHOLOGICAL OPERATIONS	89A AMMUNITION SPECIALIST
00G MOS IMMATERIAL U.S. ARMY RESERVE (USAR)	03D FIELD ARTILLERY AUTOMATED TACTICAL DATA SYSTEM SPECIALIST	21D DIVER	37F PSYCHOLOGICAL OPERATIONS SPECIALIST	89D EXPLOSIVE ORDNANCE DISPOSAL SPECIALIST
00S SPECIAL DUTY ASSIGNMENT AFSC	03E CANNON FIRE DIRECTION SPECIALIST	21E CONSTRUCTION EQUIPMENT OPERATOR	CMF 38 CIVIL AFFAIRS CIVIL AFFAIRS SPECIALIST	CMF 91 MECHANICAL MAINTENANCE
00Z CMD SGT MAJOR	03F FIRE SUPPORT SPECIALIST	21G QUARTERMASTER	38A CIVIL AFFAIRS SPECIALIST	91A M1 ABRAMS TANK SYSTEM MAINTAINER
04X SPACE AND MISSILE DEFENSE OPERATIONS	03M MULTIPLE LAUNCH ROCKET SYSTEM (MLRS)/HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HMARS) CREWMEMBER	CMF 39 LABORATORY SPECIALIST	38B CIVIL AFFAIRS SPECIALIST	91B WHEELED VEHICLE MECHANIC
CMF 09 PERSONNEL SPECIAL REPORTING CODES	03P MULTIPLE LAUNCH ROCKET SYSTEM (MLRS) OPERATOR	CMF 40 PORTUARY AFFAIRS SPECIALIST	38C CIVIL AFFAIRS SPECIALIST	91C UTILITIES EQUIPMENT REPAIRER
09B TRAINEE UNASSIGNED	03R FIELD ARTILLERY FIREFINDER RADAR OPERATOR	CMF 41 PARACHUTE RIGGER	38D CIVIL AFFAIRS SPECIALIST	91D POWER-GENERATION EQUIPMENT REPAIRER
09C TRAINEE LANGUAGE	03S FIELD ARTILLERY SURVEYOR	CMF 42 SHOWER/LAUNDRY AND CLOTHING REPAIR SPECIALIST	38E CIVIL AFFAIRS SPECIALIST	91E ALLIED TRADES SPECIALIST
09D COLLEGE TRAINEE	03T FIELD ARTILLERY SURVEYOR	CMF 43 WATER TREATMENT SPECIALIST	38F CIVIL AFFAIRS SPECIALIST	91F SMALL ARMS/ARTILLERY REPAIRER
09G NATIONAL GUARD (NG) ON ACTIVE DUTY MEDICAL HOLD	03V FIELD ARTILLERY SURVEYOR	CMF 44 UNIT SUPPLY SPECIALIST	38G CIVIL AFFAIRS SPECIALIST	91G FIRE CONTROL REPAIRER
09H U.S. ARMY RESERVE (USAR) ON ACTIVE DUTY MEDICAL HOLD	03Z FIELD ARTILLERY SURVEYOR	CMF 45 SENIOR NONCOMMISSIONED LOGISTICIAN	38H CIVIL AFFAIRS SPECIALIST	91H TRACK VEHICLE REPAIRER
09J GEO COMPLETION PROGRAM	CMF 14 AIR DETECTION	CMF 46 ELECTRONIC MAINTENANCE AND CALIBRATIONS	38I CIVIL AFFAIRS SPECIALIST	91I QUARTERMASTER AND CHEMICAL EQUIPMENT REPAIRER
09L INTERPRETER/TRANSLATOR	04E AIR DETECTION	CMF 47 LAND COMBAT ELECTRONIC MISSILE SYSTEM REPAIRER	38J CIVIL AFFAIRS SPECIALIST	91J ARMAMENT REPAIRER
09M MARCH 2 SUCCESS	04J AIR DETECTION	CMF 48 AIR TRAFFIC CONTROL EQUIPMENT REPAIRER	38K CIVIL AFFAIRS SPECIALIST	91K CONSTRUCTION EQUIPMENT REPAIRER
09N NURSE CORPS CANDIDATE	04M AIR DETECTION	CMF 49 RADIO AND COMMUNICATIONS SECURITY SPECIALIST	38L CIVIL AFFAIRS SPECIALIST	91L KEY FIGHTING VEHICLE SYSTEM MAINTAINER
09O ARMY LEGAL IMMIGRANT HEALTHCARE PROFESSIONAL OFFICER CANDIDATE	04S AIR DETECTION	CMF 50 CENTER DETECTION SYSTEMS REPAIRER	38M CIVIL AFFAIRS SPECIALIST	91M TERRY MECHANIC
09R SIMULTANEOUS MBR PROG	04T AIR DETECTION	CMF 51 PARACHUTE RIGGER	38N CIVIL AFFAIRS SPECIALIST	91N R SYSTEMS MAINTAINER
09S COMM OFF CANDIDATE	04V AIR DETECTION	CMF 52 SHOWER/LAUNDRY AND CLOTHING REPAIR SPECIALIST	38P CIVIL AFFAIRS SPECIALIST	91O WORKER
09T COLLEGE STUDENT ARMY NATIONAL GUARD OFFICER PROGRAM	04W AIR DETECTION	CMF 53 WATER TREATMENT SPECIALIST	38Q CIVIL AFFAIRS SPECIALIST	91P FINANCE SUPERVISOR
09V WO CANDIDATE	04X AIR DETECTION	CMF 54 UNIT SUPPLY SPECIALIST	38R CIVIL AFFAIRS SPECIALIST	91Q FINANCIAL MAINTENANCE SUPERVISOR
11X INFANTRY RECRUIT	05B AIR DETECTION	CMF 55 SENIOR NONCOMMISSIONED LOGISTICIAN	38S CIVIL AFFAIRS SPECIALIST	91R MILITARY AND SERVICES
13X FIELD ARTILLERY COMPUTER SYSTEMS SPECIALIST	05C AIR DETECTION	CMF 56 ELECTRONIC MAINTENANCE AND CALIBRATIONS	38T CIVIL AFFAIRS SPECIALIST	91S LOGISTICAL SPECIALIST
18X SPECIAL FORCES RECRUIT	05D AIR DETECTION	CMF 57 LAND COMBAT ELECTRONIC MISSILE SYSTEM REPAIRER	38U CIVIL AFFAIRS SPECIALIST	91T PETROLEUM SUPPLY SPECIALIST
18W EW/IS/INT RECRUIT	05E AIR DETECTION	CMF 58 AIR TRAFFIC CONTROL EQUIPMENT REPAIRER	38V CIVIL AFFAIRS SPECIALIST	91U FOOD SERVICE SPECIALIST
CMF 11 INFANTRY	05F AIR DETECTION	CMF 59 RADIO AND COMMUNICATIONS SECURITY SPECIALIST	38W CIVIL AFFAIRS SPECIALIST	91V PETROLEUM MAINTENANCE SPECIALIST
11B INFANTRYMAN	05G AIR DETECTION	CMF 60 CENTER DETECTION SYSTEMS REPAIRER	38X CIVIL AFFAIRS SPECIALIST	91W PORTUARY AFFAIRS SPECIALIST
11C INDIRECT FIRE INFANTRYMAN	05H AIR DETECTION	CMF 61 PARACHUTE RIGGER	38Y CIVIL AFFAIRS SPECIALIST	91X PARACHUTE RIGGER
11Z INFANTRY SENIOR SERGEANT	05M UH-1 HELICOPTER	CMF 62 SHOWER/LAUNDRY AND CLOTHING REPAIR SPECIALIST	38Z CIVIL AFFAIRS SPECIALIST	91Y SHOWER/LAUNDRY AND CLOTHING REPAIR SPECIALIST
CMF 12 ENGINEER	05N AVIONIC MECHANIC	CMF 63 WATER TREATMENT SPECIALIST	39A CIVIL AFFAIRS SPECIALIST	92W WATER TREATMENT SPECIALIST
12B COMBAT ENGINEER	05P AVIATION OPERATIONS SPECIALIST	CMF 64 UNIT SUPPLY SPECIALIST	39B CIVIL AFFAIRS SPECIALIST	92Z UNIT SUPPLY SPECIALIST
12C BRIDGE CREWMEMBER	05Q AIR TRAFFIC CONTROL OPERATOR	CMF 65 SENIOR NONCOMMISSIONED LOGISTICIAN	39C CIVIL AFFAIRS SPECIALIST	CMF 94 ELECTRONIC MAINTENANCE AND CALIBRATIONS
12D DIVER	05R AH-64 ATTACK HELICOPTER REPAIRER	CMF 66 ELECTRONIC MAINTENANCE AND CALIBRATIONS	39D CIVIL AFFAIRS SPECIALIST	94A LAND COMBAT ELECTRONIC MISSILE SYSTEM REPAIRER
12G QUARRYING SPECIALIST (QC)	05S OH-58A/ARH HELICOPTER REPAIRER	CMF 67 LAND COMBAT ELECTRONIC MISSILE SYSTEM REPAIRER	39E CIVIL AFFAIRS SPECIALIST	94B LAND COMBAT ELECTRONIC MISSILE SYSTEM REPAIRER
12H CONSTRUCTION ENGINEERING SUPERVISOR	05T UH-60 HELICOPTER REPAIRER	CMF 68 AIR TRAFFIC CONTROL EQUIPMENT REPAIRER	39F CIVIL AFFAIRS SPECIALIST	94C AIR TRAFFIC CONTROL EQUIPMENT REPAIRER
12J PLUMBER	05U CH-47 HELICOPTER REPAIRER	CMF 69 RADIO AND COMMUNICATIONS SECURITY SPECIALIST	39G CIVIL AFFAIRS SPECIALIST	94D RADIO AND COMMUNICATIONS SECURITY (COMSEC) REPAIRER
12M FIREFIGHTER	05V OBSERVATION/SCOUT HELICOPTER REPAIRER (RC)	CMF 70 CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN)	39H CIVIL AFFAIRS SPECIALIST	94F COMPUTER DETECTION SYSTEMS REPAIRER
12N HORIZONTAL CONSTRUCTION ENGINEER	05W UNMANNED AERIAL VEHICLE OPERATOR	CMF 71 CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) SPECIALIST	39I CIVIL AFFAIRS SPECIALIST	94H TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) MAINTENANCE SUPPORT SPECIALIST
12P PRIME POWER PRODUCTION SPECIALIST	05X AH-64A ARMAMENT/ELECTRICAL/AVIONICS SYSTEMS REPAIRER	CMF 72 RECRUITMENT AND REENLISTMENT	39J CIVIL AFFAIRS SPECIALIST	94K APACHE ATTACK HELICOPTER SYSTEMS REPAIRER
12Q POWER LINE DISTRIBUTION SPECIALIST (RC)	05Y AH-64D ARMAMENT/ELECTRICAL/AVIONIC SYSTEMS REPAIRER	CMF 73 RECRUITER	39K CIVIL AFFAIRS SPECIALIST	94L AVIONIC COMMUNICATIONS EQUIPMENT REPAIRER
12R INTERIOR ELECTRICAL	06Z AIRCRAFT MAINTENANCE SENIOR SERGEANT	CMF 74 CAREER COUNSELOR	39L CIVIL AFFAIRS SPECIALIST	94M RADAR REPAIRER
12T TECHNICAL ENGINEER	CMF 18 SPECIAL FORCES	CMF 75 RECRUITING AND RETENTION NCO (ARMY NATIONAL GUARD OF THE UNITED STATES)	39M CIVIL AFFAIRS SPECIALIST	94P MULTIPLE LAUNCH ROCKET SYSTEM REPAIRER
12V CONCRETE AND ASPHALT EQUIPMENT OPERATOR	08B SPECIAL FORCES WEAPONS SERGEANT	CMF 76 RETENTION AND TRANSITION NCO, USAR	39N CIVIL AFFAIRS SPECIALIST	94R AVIONIC AND SURVIVABILITY EQUIPMENT REPAIRER
12W CARPENTRY AND MASONRY SPECIALIST	08C SPECIAL FORCES ENGINEER SERGEANT	CMF 77 TRANSPORTATION	39O CIVIL AFFAIRS SPECIALIST	94S PATRIOT SYSTEM REPAIRER
12Y GENERAL ENGINEERING SUPERVISOR	08D SPECIAL FORCES MEDICAL SERGEANT	CMF 78 CARGO SPECIALIST	39P CIVIL AFFAIRS SPECIALIST	94T AVENGER SYSTEM REPAIRER
12Z GEOSPATIAL ENGINEER	08E SPECIAL FORCES COMMUNICATIONS SERGEANT	CMF 79 WATERCRAFT OPERATOR	39Q CIVIL AFFAIRS SPECIALIST	94V ELECTRONIC MAINTENANCE CHIEF
12Z COMBAT ENGINEERING SENIOR SERGEANT	08F SPECIAL FORCES ASSISTANT OPERATIONS AND INTELLIGENCE SERGEANT	CMF 80 WATERCRAFT ENGINEER	39R CIVIL AFFAIRS SPECIALIST	94X SENIOR MISSILE SYSTEMS MAINTAINER
	08Z SPECIAL FORCES SENIOR SERGEANT	CMF 81 MOTOR TRANSPORT OPERATOR	39S CIVIL AFFAIRS SPECIALIST	94Y INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) OPERATOR AND MAINTAINER
	CMF 19 ARMOR	CMF 82 TRANSPORTATION SENIOR SERGEANT	39T CIVIL AFFAIRS SPECIALIST	94Z SENIOR ELECTRONIC MAINTENANCE CHIEF
	19D CAVALRY SCOUT		39U CIVIL AFFAIRS SPECIALIST	
	19K M1 ARMOR CREWMAN		39V CIVIL AFFAIRS SPECIALIST	
	19Z ARMOR SENIOR SERGEANT		39W CIVIL AFFAIRS SPECIALIST	
		CMF 27 PARALEGAL SPECIALIST	39X CIVIL AFFAIRS SPECIALIST	
		27D PARALEGAL SPECIALIST	39Y CIVIL AFFAIRS SPECIALIST	
		CMF 29 ELECTRONIC WARFARE	39Z CIVIL AFFAIRS SPECIALIST	
		29E ELECTRONIC WARFARE SPECIALIST		
		CMF 31 MILITARY POLICE		
		31B MILITARY POLICE		
		31D CID SPECIAL AGENT		
		31E INTERMENT/RESETTLEMENT SPECIALIST		
		CMF 35 MILITARY INTELLIGENCE		
		35F INTELLIGENCE ANALYST		
		35G IMAGERY ANALYST		
		35H COMMON GROUND STATION (CGS) ANALYST		
		35L COUNTER INTELLIGENCE AGENT		
		35M HUMAN INTELLIGENCE COLLECTOR		
		35N SIGNALS INTELLIGENCE ANALYST		
		35P CRYPTOLOGICIAN		
		35S SIGNALS COLLECTOR/ANALYST		
		35T MILITARY INTELLIGENCE SYSTEMS MAINTAINER/INTEGRATOR		
		35X INTELLIGENCE SENIOR SERGEANT/CHIEF INTELLIGENCE SERGEANT		
		35Y CHIEF COUNTER INTELLIGENCE/HUMAN INTELLIGENCE SERGEANT		
		35Z SIGNALS INTELLIGENCE (ELECTRONIC WARFARE) / SENIOR SERGEANT / CHIEF		

343 CIVILIAN WHITE COLLAR JOBS:

16 CPC DIRECT, 35 CPC INDIRECT

Series 0000 MISCELLANEOUS OCCUPATIONS GROUP		Series 0400 NATURAL RESOURCES MANAGEMENT AND BIOLOGICAL SCIENCES GROUP		Series 0600 MEDICAL, HOSPITAL, DENTAL, AND PUBLIC HEALTH GROUP		Series 1100 BUSINESS AND INDUSTRY GROUP		Series 1600 EQUIPMENT, FACILITIES, AND SERVICES GROUP	
0006	Correctional Institution Administration Series	0401	General Natural Resources Management and Biological Sciences	0607	Orthotist and Prosthetist Series	1102	Contracting Series	1601	Equipment, Facilities, and Services
0007	Correctional Officer Series	0403	Microbiology	0609	Medical Records Administration Series	1103	Industrial Property Management Series	1630	Cemetery Administration Services
0018	Safety and Occupational Health Management Series	0405	Pharmacology	0670	Health System Administration Series	1104	Property Disposal Series	1640	Facility Operations Services
0019	Safety Technician Series	0408	Ecology	0671	Health System Specialist Series	1105	Purchasing Series	1654	Printing Services
0020	Community Planning Series	0410	Zoology	0673	Hospital Housekeeping Management Series	1106	Procurement Clerical and Technician Series	1658	Laundry Operations Services
0023	Outdoor Recreation Planning Series	0413	Physiology	0680	Dental Office Series	1107	Property Disposal Clerical and Technician Series	1667	Food Services
0025	Park Ranger Series	0414	Entomology	0681	Dental Assistant Series	1140	Trade Specialist Series	1670	Equipment Services
0028	Environmental Protection Specialist Series	0415	Toxicology	0682	Dental Hygiene Series	1144	Commissary Management Series	1603	Equipment, Facilities, and Services Assistance Series
0060	Chaplain Series	0430	Botany	0683	Dental Laboratory Aid and Technician Series	1145	Agricultural Program Specialist Series	Series 1700	EDUCATION GROUP
0062	Clothing Design Series	0434	Plant Pathology	0685	Public Health Program Specialist Series	1146	Agricultural Marketing Series	1701	General Education and Training Series
0072	Fingerprint Identification Series	0435	Plant Physiology	0688	Sanitation Series	1147	Agricultural Market Reporting Series	1702	Education and Training Technician Series
0080	Security Administration Series	0437	Horticulture	0690	Industrial Hygiene Series	1150	Industrial Specialist Series	1710	Education and Vocational Training Series
0081	Fire Protection and Prevention Series	0440	Genetics	0696	Consumer Safety Series	1152	Production Control Series	1712	Training Instruction Series
0082	United States Marshal Series	0454	Rangeland Management	0698	Environmental Health Technician Series	1160	Financial Analysis Series	1715	Vocational Rehabilitation Series
0083	Police Series - Grade Evaluation Guide for Police and Security Guard Positions	0457	Soil Conservation	Series 0700	VETERINARY MEDICAL SCIENCE GROUP	1163	Insurance Examining Series	1720	Education Program Series
0084	Nuclear Materials Courier Series	0460	Forestry	0701	Veterinary Medical Science Series	1165	Loan Specialist Series	1730	Education Research Series
0085	Security Guard Series - Grade Evaluation Guide for Police and Security Guard Positions	0470	Soil Science	0704	Animal Health Technician Series	1169	Internal Revenue Officer Series	1740	Education Services Series
0086	Security Clerical and Assistance Series	0471	Agronomy	Series 0800	ENGINEERING AND ARCHITECTURE GROUP	1170	Realty Series	1750	Instructional Systems Series
0090	Guide Series	0480	Fish and Wildlife Administration	0801	General Engineering and Architecture	1171	Appraising Series	Series 1800	ADMINISTRATIVE WORK IN THE INSPECTION, INVESTIGATION, ENFORCEMENT, AND COMPLIANCE GROUP
0095	Foreign Law Specialist Series	0482	Fish Biology	0803	Safety Engineering	1173	Housing Management Series	1801	General Inspection, Investigation, Enforcement, and Compliance
Series 0100	SOCIAL SCIENCE, PSYCHOLOGY, AND WELFARE GROUP	0485	Wildlife Refuge Management	0804	Fire Protection Engineering	1176	Building Management Series	1805	Investigative Analysis
0105	Social Insurance Administration Series	0486	Wildlife Biology	0806	Materials Engineering	Series 1200	COPYRIGHT, PATENT, AND TRADEMARK GROUP	1810	General Investigation
0106	Unemployment Insurance Series	0487	Animal Sciences	0807	Landscape Architecture	1221	Patent Advisor Series	1811	Criminal Investigation
0110	Economist Series	0400	Grade Level Guide for Aid and Technical Work in the Biological Sciences	0808	Architecture	1222	Patent Attorney Series	1822	Mine Safety and Health Inspection
0132	Intelligence Series	0404	Biological Science Technician Series	0810	Civil Engineering	1223	Patent Classifying Series	1849	Wage and Hour Investigation
0136	International Cooperation Series	0421	Plant Protection Technician Series	0819	Environmental Engineering	1224	Patent Examining Series	1850	Agricultural Warehouse Inspection
0142	Workforce Development Series	0455	Range Technician Series	0830	Mechanical Engineering	1226	Design Patent Examining Series	1860	Equal Opportunity Investigation
0150	Geography Series	0458	Soil Conservation Technician Series	0831	General Physical Science	Series 1300	PHYSICAL SCIENCES GROUP	1881	Customs and Border Protection Interdiction
0160	Civil Rights Analysis Series	0459	Irrigation System Operation Series	0832	General Physical Science	1301	Health Physics	1889	Import Compliance
0170	History Series	0462	Forestry Technician Series	0833	General Physical Science	1302	Health Physics	1895	Customs and Border Protection
0180	Psychology Series	Series 0500	ACCOUNTING AND BUDGET GROUP	0834	General Physical Science	1303	Health Physics	1896	Border Patrol Enforcement
0181	Sociology Series	0501	Financial Administration and Program Series	0835	General Physical Science	1304	Health Physics	1897	Border Patrol Enforcement
0185	Social Work Series	0510	Accounting	0836	General Physical Science	1305	Health Physics	1898	Border Patrol Enforcement
0186	Social Services Aid and Assistant Series	0511	Auditing	0837	General Physical Science	1306	Health Physics	1899	Border Patrol Enforcement
0187	Social Services Series	0512	Internal Revenue	0838	General Physical Science	1307	Health Physics	1900	Border Patrol Enforcement
0188	Recreation Specialist Series	0526	Tax Specialist	0839	General Physical Science	1308	Health Physics	1901	Border Patrol Enforcement
0189	Recreation Aid and Assistant Series	0530	Budget	0840	General Physical Science	1309	Health Physics	1902	Border Patrol Enforcement
0193	Archaeology Series	0503	Finance	0841	General Physical Science	1310	Health Physics	1903	Border Patrol Enforcement
Series 0200	HUMAN RESOURCES MANAGEMENT GROUP	0505	Finance	0842	General Physical Science	1311	Health Physics	1904	Border Patrol Enforcement
0201	Human Resources Management	0530	Finance	0843	General Physical Science	1312	Health Physics	1905	Border Patrol Enforcement
0203	Human Resources Assistance	0540	Finance	0844	General Physical Science	1313	Health Physics	1906	Border Patrol Enforcement
0204	Mediation Series	0544	Finance	0845	General Physical Science	1314	Health Physics	1907	Border Patrol Enforcement
0243	Apprenticeship and Training Series	0546	Finance	0846	General Physical Science	1315	Health Physics	1908	Border Patrol Enforcement
0244	Labor Management Relations Examining Series	0547	Finance	0847	General Physical Science	1316	Health Physics	1909	Border Patrol Enforcement
0260	Equal Employment Opportunity Series	0548	Finance	0848	General Physical Science	1317	Health Physics	1910	Border Patrol Enforcement
Series 0300	GENERAL ADMINISTRATIVE, CLERICAL, AND OFFICE SERVICES GROUP	0549	Finance	0849	General Physical Science	1318	Health Physics	1911	Border Patrol Enforcement
0301	Miscellaneous Administration and Program Series	0550	Finance	0850	General Physical Science	1319	Health Physics	1912	Border Patrol Enforcement
0302	Messenger Series	0551	Finance	0851	General Physical Science	1320	Health Physics	1913	Border Patrol Enforcement
0303	Miscellaneous Clerk and Assistant Series	0552	Finance	0852	General Physical Science	1321	Health Physics	1914	Border Patrol Enforcement
0304	Information Receptionist Series	0553	Finance	0853	General Physical Science	1322	Health Physics	1915	Border Patrol Enforcement
0305	Mail and File Series	0554	Finance	0854	General Physical Science	1323	Health Physics	1916	Border Patrol Enforcement
0309	Correspondence Clerk Series	0555	Finance	0855	General Physical Science	1324	Health Physics	1917	Border Patrol Enforcement
0313	Work Unit Supervising Series	0556	Finance	0856	General Physical Science	1325	Health Physics	1918	Border Patrol Enforcement
0318	Secretary Series	0557	Finance	0857	General Physical Science	1326	Health Physics	1919	Border Patrol Enforcement
0319	Closed Microphone Reporting Series	0558	Finance	0858	General Physical Science	1327	Health Physics	1920	Border Patrol Enforcement
0322	Clerk-Typist Series	0559	Finance	0859	General Physical Science	1328	Health Physics	1921	Border Patrol Enforcement
0326	Office Automation Clerical and Assistance Series	0560	Finance	0860	General Physical Science	1329	Health Physics	1922	Border Patrol Enforcement
0332	Computer Operation Series	0561	Finance	0861	General Physical Science	1330	Health Physics	1923	Border Patrol Enforcement
0335	Computer Clerk and Assistant Series	0562	Finance	0862	General Physical Science	1331	Health Physics	1924	Border Patrol Enforcement
0341	Administrative Officer Series	0563	Finance	0863	General Physical Science	1332	Health Physics	1925	Border Patrol Enforcement
0342	Support Services Administration Series	0564	Finance	0864	General Physical Science	1333	Health Physics	1926	Border Patrol Enforcement
0343	Management and Program Analysis Series	0565	Finance	0865	General Physical Science	1334	Health Physics	1927	Border Patrol Enforcement
0344	Management and Program Clerical and Assistance Series	0566	Finance	0866	General Physical Science	1335	Health Physics	1928	Border Patrol Enforcement
0346	Logistics Management Series	0567	Finance	0867	General Physical Science	1336	Health Physics	1929	Border Patrol Enforcement
0350	Equipment Operator Series	0568	Finance	0868	General Physical Science	1337	Health Physics	1930	Border Patrol Enforcement
0356	Data Transcriber Series	0569	Finance	0869	General Physical Science	1338	Health Physics	1931	Border Patrol Enforcement
0357	Coding Series	0570	Finance	0870	General Physical Science	1339	Health Physics	1932	Border Patrol Enforcement
0360	Equal Opportunity Compliance Series	0571	Finance	0871	General Physical Science	1340	Health Physics	1933	Border Patrol Enforcement
0361	Equal Opportunity Assistance Series	0572	Finance	0872	General Physical Science	1341	Health Physics	1934	Border Patrol Enforcement
0362	Telephone Operating Series	0573	Finance	0873	General Physical Science	1342	Health Physics	1935	Border Patrol Enforcement
0363	Telecommunications Processing Series	0574	Finance	0874	General Physical Science	1343	Health Physics	1936	Border Patrol Enforcement
0364	Telecommunications Series	0575	Finance	0875	General Physical Science	1344	Health Physics	1937	Border Patrol Enforcement
0365	General Telecommunication Series	0576	Finance	0876	General Physical Science	1345	Health Physics	1938	Border Patrol Enforcement
0394	Communications Clerical Series	0577	Finance	0877	General Physical Science	1346	Health Physics	1939	Border Patrol Enforcement
		0578	Finance	0878	General Physical Science	1347	Health Physics	1940	Border Patrol Enforcement
		0579	Finance	0879	General Physical Science	1348	Health Physics	1941	Border Patrol Enforcement
		0580	Finance	0880	General Physical Science	1349	Health Physics	1942	Border Patrol Enforcement
		0581	Finance	0881	General Physical Science	1350	Health Physics	1943	Border Patrol Enforcement
		0582	Finance	0882	General Physical Science	1351	Health Physics	1944	Border Patrol Enforcement
		0583	Finance	0883	General Physical Science	1352	Health Physics	1945	Border Patrol Enforcement
		0584	Finance	0884	General Physical Science	1353	Health Physics	1946	Border Patrol Enforcement
		0585	Finance	0885	General Physical Science	1354	Health Physics	1947	Border Patrol Enforcement
		0586	Finance	0886	General Physical Science	1355	Health Physics	1948	Border Patrol Enforcement
		0587	Finance	0887	General Physical Science	1356	Health Physics	1949	Border Patrol Enforcement
		0588	Finance	0888	General Physical Science	1357	Health Physics	1950	Border Patrol Enforcement
		0589	Finance	0889	General Physical Science	1358	Health Physics	1951	Border Patrol Enforcement
		0590	Finance	0890	General Physical Science	1359	Health Physics	1952	Border Patrol Enforcement
		0591	Finance	0891	General Physical Science	1360	Health Physics	1953	Border Patrol Enforcement
		0592	Finance	0892	General Physical Science	1361	Health Physics	1954	Border Patrol Enforcement
		0593	Finance	0893	General Physical Science	1362	Health Physics	1955	Border Patrol Enforcement
		0594	Finance	0894	General Physical Science	1363	Health Physics	1956	Border Patrol Enforcement
		0595	Finance	0895	General Physical Science	1364	Health Physics	1957	Border Patrol Enforcement
		0596	Finance	0896	General Physical Science	1365	Health Physics	1958	Border Patrol Enforcement
		0597	Finance	0897	General Physical Science	1366	Health Physics	1959	Border Patrol Enforcement
		0598	Finance	0898	General Physical Science	1367	Health Physics	1960	Border Patrol Enforcement
		0599	Finance	0899	General Physical Science	1368	Health Physics	1961	Border Patrol Enforcement
		0600	Finance	0900	General Physical Science	1369	Health Physics	1962	Border Patrol Enforcement
		0601	Finance	0901	General Physical Science	1370	Health Physics	1963	Border Patrol Enforcement
		0602	Finance	0902	General Physical Science	1371	Health Physics	1964	Border Patrol Enforcement
		0603	Finance	0903	General Physical Science	1372	Health Physics	1965	Border Patrol Enforcement
		0604	Finance	0904	General Physical Science	1373	Health Physics	1966	Border Patrol Enforcement
		0605	Finance	0905	General Physical Science	1374	Health Physics	1967	Border Patrol Enforcement
		0606	Finance	0906	General Physical Science	1375	Health Physics	1968	Border Patrol Enforcement
		0607	Finance	0907	General Physical Science	1376	Health Physics	1969	Border Patrol Enforcement
		0608	Finance	0908	General Physical Science	1377	Health Physics	1970	Border Patrol Enforcement
		0609	Finance	0909	General Physical Science	1378	Health Physics	1971	Border Patrol Enforcement
		0610	Finance	0910	General Physical Science	1379	Health Physics	1972	Border Patrol Enforcement
		0611	Finance	0911	General Physical Science	1380	Health Physics	1973	Border Patrol Enforcement
		0612	Finance	0912	General Physical Science	1381	Health Physics	1974	Border Patrol Enforcement
		0613	Finance	0913	General Physical Science	1382	Health Physics	1975	Border Patrol Enforcement
		0614	Finance	0914	General Physical Science	1383	Health Physics	1976	Border Patrol Enforcement
		0615	Finance	0915	General Physical Science	1384	Health Physics	1977	Border Patrol Enforcement
		0616	Finance	0916	General Physical Science	1385	Health Physics	1978	Border Patrol Enforcement
		0617	Finance	0917	General Physical Science	1386	Health Physics	1979	Border Patrol Enforcement
		0618	Finance	0918	General Physical Science	1387	Health Physics	1980	Border Patrol Enforcement
		0619	Finance	0919	General Physical Science	1388	Health Physics	1981	Border Patrol Enforcement
		0620	Finance	0920	General Physical Science	1389	Health Physics	1982	Border Patrol Enforcement
		0621	Finance	0921	General Physical Science	1390	Health Physics	1983	Border Patrol Enforcement
		0622	Finance	0922	General Physical Science	1391	Health Physics	1984	Border Patrol Enforcement
		0623	Finance	0923	General Physical Science	1392	Health Physics	1985	Border Patrol Enforcement
		0624	Finance	0924	General Physical Science	1393	Health Physics	1986	Border Patrol Enforcement
		0625	Finance	0925	General Physical Science	1394	Health Physics	1987	Border Patrol Enforcement
		0626	Finance	0926	General Physical Science	1395	Health Physics	1988	Border Patrol Enforcement
		0627	Finance	0927	General Physical Science	1396	Health Physics	1989	Border Patrol Enforcement
		0628	Finance	0928	General Physical Science	1397	Health Physics	1990	Border Patrol Enforcement
		0629	Finance	0929	General Physical Science	1398	Health Physics	1991	Border Patrol Enforcement
		0630	Finance	0930	General Physical Science	1399	Health Physics	1992	Border Patrol Enforcement
		0631	Finance	0931	General Physical Science	1400	Health Physics	1993	Border Patrol Enforcement
		0632	Finance	0932	General Physical Science	1401	Health Physics	1994	Border Patrol Enforcement
		0633	Finance	0933	General Physical Science	1402	Health Physics	1995	Border Patrol Enforcement
		0634	Finance	0934	General Physical Science	1403	Health Physics	1996	Border Patrol Enforcement
		0635	Finance	0935	General Physical Science	1404	Health Physics	1997	Border Patrol Enforcement
		0636	Finance	0936	General Physical Science	1405	Health Physics	1998	Border Patrol Enforcement
		0637	Finance	0937	General Physical Science	1406	Health Physics	1999	Border Patrol Enforcement
		0638	Finance	0938	General Physical Science	1407	Health Physics	2000	Border Patrol Enforcement
		0639	Finance	0939	General Physical Science	1408	Health Physics	2001	Border Patrol Enforcement
		0640	Finance	0940	General Physical Science	1409	Health Physics	2002	Border Patrol Enforcement
		0641	Finance	0941	General Physical Science	1410	Health Physics	2003	Border Patrol Enforcement
		0642	Finance	0942	General Physical Science	1411	Health Physics	2004	Border Patrol Enforcement
		0643	Finance	0943	General Physical Science	1412	Health Physics	2005	Border Patrol Enforcement
		0644	Finance	0944	General Physical Science	1413	Health Physics	2006	Border Patrol Enforcement
		0645	Finance	0945	General Physical Science	1414	Health Physics	2007	Border Patrol Enforcement
		0646	Finance	0946	General Physical Science	1415	Health Physics	2008	Border Patrol Enforcement
		0647	Finance	0947	General Physical Science	1416			

128 CIVILIAN TRADE LABOR JOBS:

52 CPC DIRECT, 35 CPC INDIRECT

Series 2500 WIRE COMMUNICATIONS EQUIPMENT INSTALLATION AND MAINTENANCE GROUP	Series 3800 METAL WORK GROUP	Series 5000 PLANT AND ANIMAL WORK GROUP	Series 6500 AMMUNITION, EXPLOSIVES, AND TOXIC MATERIALS WORK GROUP
2502 Telecommunications Mechanic	3802 Metal Forging	5003 Gardening	6502 Explosives Operating
Series 2600 ELECTRONIC EQUIPMENT INSTALLATION AND MAINTENANCE GROUP	3806 Sheet Metal Mechanic	5026 Pest Controlling	6505 Munitions Destroying
2602 Electronic Measurement Equipment Mechanic	3808 Boilermaking		6517 Explosives Test Operating
2604 Electronics Mechanic	3809 Mobile Equipment Maintenance		Series 6600 ARMAMENT WORK GROUP
2606 Electronic Industrial Controls Mechanic	3820 Shipfitting		6605 Artillery Repairing
2610 Electronic Integrated Systems Mechanic	3869 Metal Working		6610 Small Arms Repairing
Series 2800 ELECTRICAL INSTALLATION AND MAINTENANCE GROUP	Series 3900 PRESERVATION SERVICING GROUP		6641 Ordnance Equipment Mechanic
2805 Electrician	3906 Preservation Servicing		6652 Aircraft Ordnance Systems Mechanic
2810 High Voltage Electrician	3909 Equipment Cleaning		Series 6900 WAREHOUSING AND STOCK HANDLING GROUP
2854 Electrical Equipment Repairing			Tools and Parts Attending
2892 Aircraft Electrician			Materials Handler
Series 3100 FABRIC AND LEATHER WORK GROUP	Series 7000 LAUNDRY, DRY CLEANING, AND PRESSING GROUP		Materials Expediting
3105 Fabric Working	7300 Laundry Working		Materials Examining and Identifying
3106 Upholstering	7304 Laundry Machine Operating		Hazardous Waste Disposing
3111 Sewing Machine Operating			Store Working
Series 3300 INSTRUMENT WORK GROUP	Series 7400 FOOD PREPARATION AND SERVING GROUP		Series 7000 PACKING AND PROCESSING GROUP
3306 Optical Instrument Repairing	7400 Baking		7006 Packing
3314 Instrument Making			7006 Preservation Servicing
3359 Instrument Mechanic			7009 Equipment Cleaning
Series 3400 MACHINE TOOL WORK GROUP			Series 7300 LAUNDRY, DRY CLEANING, AND PRESSING GROUP
3414 Machining			7304 Laundry Working
3416 Toolmaking			7305 Laundry Machine Operating
3428 Die Sinking			Series 7400 FOOD PREPARATION AND SERVING GROUP
Series 3500 GENERAL SERVICES AND SUPPORT WORK GROUP			7402 Baking
3502 Laboring			7404 Cooking
3511 Laboratory Working			7405 Bartending
3546 Railroad Repairing			7407 Meatcutting
3566 Custodial Working			7408 Food Service Working
Series 3600 STRUCTURAL AND FINISHING WORK GROUP	Series 4700 GENERAL MAINTENANCE AND OPERATIONS WORK GROUP	Series 5700 TRANSPORTATION/MOBILE EQUIPMENT OPERATION GROUP	7420 Waiter
3602 Cement Finishing	4714 Model Making	5703 Motor Vehicle Operating	Series 7600 PERSONAL SERVICES GROUP
3603 Masonry	4742 Utility Systems Repairing - Operating	5704 Fork Lift Operating	7603 Barbering
3605 Plastering	4749 Maintenance Mechanic	5705 Tractor Operating	Series 8200 FLUID SYSTEMS MAINTENANCE GROUP
3606 Roofing	4754 Cemetery Caretaking	5716 Engineering Equipment Operating	8255 Pneumatic Systems Mechanic
3610 Insulating	Series 4800 GENERAL EQUIPMENT MAINTENANCE GROUP	5725 Crane Operating	8268 Aircraft Pneumatic Systems Mechanic
Series 3700 METAL PROCESSING GROUP	4804 Locksmithing	5729 Drill Rig Operating	Series 8600 ENGINE OVERHAUL GROUP
3703 Welding	4805 Medical Equipment Repairing	5736 Braking-Switching and Conducting	8602 Aircraft Engine Mechanic
3711 Electroplating	4806 Office Appliance Repairing	5737 Locomotive Engineering	Series 8800 AIRCRAFT OVERHAUL GROUP
	4819 Bowling Equipment Repairing	5738 Railroad Maintenance Vehicle Operating	8840 Aircraft Mechanical Parts Repairing
	4850 Bearing Reconditioning	5786 Small Craft Operating	8852 Aircraft Mechanic
		Series 5800 TRANSPORTATION/MOBILE EQUIPMENT MAINTENANCE GROUP	8862 Aircraft Attending
		5803 Heavy Mobile Equipment Mechanic	
		5806 Mobile Equipment Servicing	
		5823 Automotive Mechanic	

Who Has to Get It Right?

- 505 Military Occupational Specialties
 - 222 Directly Related to CPC
 - 283 Indirectly Related to CPC
 - 471 Federal Civilian Classification Series
 - 68 Directly Related to CPC
 - 70 Indirectly Related to CPC
-
- 976 Potential Types of Army Positions
 - **290 HAVE to Get It Right**
 - **353 Can Still Screw It Up**

Everything Has to Go Exactly Right

- If You Start With a Corrosion Resistant Design...
 - No Skip Welds
 - Abundant Drain Holes
 - Sound Material Selection
 - State of the Art / Marketplace Coatings and Treatments
- But Any of the Other “ilities” Are Not Done Right...
 - Insufficient Packaging
 - Outdoor Storage
 - Inconsistent Supply Logistics
 - Irregular Maintenance
 - Uncontrolled Climate Facilities

...You **Still** End Up with Corrosion

Everything Has to Go Exactly Right

- If You Start Without a Corrosion Resistant Design...
 - Skip Welds
 - Water Collection Areas
 - Galvanic Couples
 - Inferior Coatings and Treatments
- But All the Other “ilities” Are Done Right...
 - Sufficient Packaging
 - Indoor Storage
 - Consistent Supply Logistics
 - Regular Maintenance
 - Dehumidified Facilities

...You **Still** End Up with Corrosion

Following the Materiel Development Decision, the Milestone Decision Authority may authorize entry into the acquisition process at any point, consistent with phase-specific entrance criteria and statutory requirements.

→ **Operations & Support Phase**
Execute support program that meets material readiness and operational support performance requirements and sustains system in most cost-effective manner. Overlaps Production and Deployment Phase.



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graph TD
    A[PMO POM Input] --> B[PMO Budget Estimation]
  
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[illegible][illegible]

For a single copy of this chart, send a request to daupube@dau.mil

Send recommendations to improve the content of this chart to wallchart@dsu.ru

Who Has to Get It Right?

You Do!



If Not...

Corrosion: It's Your Fault

(Or at least that's my opinion anyway.)

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