1D7 Update

CMSgt Diane Schaefer, AFCFM

This briefing is: UNCLASSIFIED

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1D7 CFM Team Organization Chart



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1D7 AFPC FAM



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Deputy 1D7 CFM



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Warfighter Communications

1D7X1

IT Systems

1D7X1

Authorized Primary Work Roles:
- 411 - Technical Support Specialist

1D7X1A

Authorized Primary Work Roles:
- 441 - Network Ops Specialist

1D7X1B

Authorized Primary Work Roles:
- 451 - Systems Administrator

1D7X2

RF & Electromagnetic Activities

1D7X2F

Authorized Primary Work Roles:
- Not yet established

1D7X2R

Authorized Primary Work Roles:
- Not yet established

1D7X3

Cable & Antenna

1D7X3

Authorized Primary Work Roles:
- Not yet established

1D7X4

Data Engineering

1D7X4D

Authorized Primary Work Roles:
- 624 - Data Operations Specialist
- 431 - Knowledge Manager

1D7X4P

Authorized Primary Work Roles:
- 621 - Software Developer

1D7X5

Cybersecurity

1D7X5

Authorized Primary Work Roles:
- 722 - Info Sys Security Manager
- 723 - COMSEC Manager
- 541 - Vulnerability Assessment Analyst

1D700/1D791 Authorized Primary Work Roles (Pending Approval)

- 751 - Cyber Workforce Developer and Manager
- 752 - Cyber Policy and Strategy Planner (HHQ)

1D7 PROGRESSIVE CAPABILITY DEVELOPMENT FRAMEWORK

FOUNDATIONAL IDENTITY. PROGRESSIVE EXPERTISE. OPERATIONAL ADVANTAGE.

A MODERN 1D7 FORCE BUILT FOR TODAY'S FIGHT AND TOMORROW'S ADVANTAGE

WHY WE CHANGED

FRAGMENTED SPECIALIZATION
Silos limited movement and created uneven manning across the enterprise.

PROMOTIONS DISCONNECTED FROM CAREER FIELD
No common technical knowledge base made career field testing impossible.

LIMITED EXPEDITIONARY FLEXIBILITY
Rigid structures prevented us from optimizing people for where they are needed.

STOVEPIPE WORKFORCE MANAGEMENT
Difficult to see skills, move talent, and build future capability.

STRATEGIC OUTCOMES

RESTORED TECHNICAL IDENTITY & CAREER FIELD TESTING
Common technical foundations enable meaningful career field knowledge testing and fair promotions.

PROGRESSIVE EXPERTISE & AIRMAN DEVELOPMENT
Clear pathways for growth, advanced qualifications, and career advancement.

EXPEDITIONARY OPTIMIZATION & TACTICAL ADVANTAGE
Smaller, more capable teams with the right skills to fight and win anywhere.

WORKFORCE FLEXIBILITY & MANPOWER VISIBILITY
See skills, move talent, and align people to mission needs across the enterprise.

AIRMAN-CENTERED DEVELOPMENT
Transparency, opportunity, and choice drive retention and long-term success.

MISSION READY TODAY. BUILT FOR TOMORROW.
A modern 1D7 force that delivers capability, anytime, anywhere.

ONE PROFESSION. MANY SPECIALTIES. LIMITLESS IMPACT. *READY TODAY. BUILT FOR TOMORROW.*

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OUR FOUNDATION: 1D7X1 – TECHNICAL SUPPORT SPECIALIST

1D7X1
TECHNICAL SUPPORT SPECIALIST

FOUNDATIONAL ROLE

Provides IT support, maintains client systems, troubleshoots issues, and ensures network connectivity and services at the enterprise edge.

1D7X1A
NETWORK OPERATIONS SPECIALIST

Operate and maintain network infrastructure, monitor performance, and resolve network issues.

1D7X1B
SYSTEM ADMINISTRATION SPECIALIST

Administer systems and services, manage accounts, maintain servers, and automate processes.

ADVANCED COURSE

CABLE SYSTEMS ADVANCED COURSE
(Targeted for 1D7X1A – Network Operations Specialist)

Specialized training for installation, maintenance, and repair of cable plant and associated systems.

ANTENNA SYSTEMS ADVANCED COURSE
(Targeted for 1D7X2R – RF Transmissions)

Specialized training for antenna systems alignment, testing, maintenance, and repair.

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OUR FOUNDATION: 1D7X2R – RF TRANSMISSIONS

1D7X2R
RF TRANSMISSIONS

FOUNDATIONAL ROLE

Operate and maintain RF transmission systems, radio networks, and transport solutions across all domains.

PROGRESSION PATH

1D7X2F
SPECTRUM MANAGEMENT SPECIALIST

Manage the electromagnetic spectrum, conduct analysis, resolve interference, and ensure spectrum compliance.

ADVANCED COURSES

ANTENNA SYSTEMS ADVANCED COURSE
(Targeted for 1D7X2R – RF Transmissions)

Specialized training for antenna systems alignment, testing, maintenance, and repair.

CABLE SYSTEMS ADVANCED COURSE
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Specialized training for installation, maintenance, and repair of cable plant and associated systems.

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OUR FOUNDATION: 1D7X3 – CABLE & ANTENNA SYSTEMS (TRANSITIONAL AFSC)



1D7X3
CABLE & ANTENNA SYSTEMS (TRANSITIONAL AFSC)

TRANSITIONAL PURPOSE

Provides career field structure while we assess the effectiveness of advanced qualification pathways within related foundational AFSCs.

ADVANCED COURSES



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(Targeted for 1D7X1A – Network Operations Specialist)
Specialized training for installation, maintenance, and repair of cable plant and associated systems.



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STRATEGIC OUTCOMES

RESTORED TECHNICAL IDENTITY & CAREER FIELD TESTING
Common technical foundations enable meaningful career field knowledge testing and fair promotions.

PROGRESSIVE EXPERTISE & AIRMAN DEVELOPMENT
Clear pathways for growth, advanced qualifications, and career advancement.

EXPEDITIONARY OPTIMIZATION & TACTICAL ADVANTAGE
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WORKFORCE FLEXIBILITY & MANPOWER VISIBILITY
See skills, move talent, and align people to mission needs across the enterprise.

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OUR FOUNDATION: 1D7X4 – DATA ENGINEERING

1D7X4
DATA ENGINEERING

FOUNDATIONAL ROLE

Collect, integrate, engineer, and deliver data solutions that enable decision advantage across the enterprise.

PROGRESSION PATHS

1D7X4D
DATA OPERATIONS (SHRED)
(Includes Knowledge Management Skills)
Manage data pipelines, ensure data quality, operate data systems, provide KM support.

1D7X4P
SOFTWARE DEVELOPMENT (SHRED)
Design, develop, test, and deploy software solutions that solve mission problems.

ADVANCED COURSE

Software Development builds on Data Operations foundational skills.

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OUR FOUNDATION: 1D7X5 – CYBERSECURITY

1D7X5 CYBERSECURITY

FOUNDATIONAL ROLE

Defend networks and systems, assess risk, respond to threats, and enable mission assurance across the enterprise.

CURRENT ROLES

ISSO / ISSM
Oversee information systems security and ensure compliance with policy and standards.

COMSEC
Operate, maintain, and safeguard communications security (COMSEC) equipment and procedures.

VULNERABILITY ASSESSMENT ANALYST
Identify, analyze, and assess vulnerabilities; recommend and validate remediation.

FUTURE ROLES (IN DEVELOPMENT)

CYBER SECURITY INFRASTRUCTURE ANALYST
Protect, monitor, and defend enterprise network, systems, and security tools.

OT CYBER SECURITY
Secure operational technology and industrial control systems.

MISSION SYSTEM CYBER SECURITY
Protect mission systems and data integrity across mission platforms.

ELECTRONIC TRANSMISSIONS CYBER SECURITY
Protect electronic transmission systems and data in transit.

AIRFRAME CYBER SECURITY
Secure aircraft systems and avionics from cyber threats.

STRATEGIC OUTCOMES

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STOVEPIPE WORKFORCE MANAGEMENT
Difficult to see skills, move talent, and build future capability.

CROSS-CUTTING WORK ROLES & QUALIFICATIONS

(APPLICABLE ACROSS MULTIPLE AFSCs)

ESTABLISH & EXTEND (TACTICAL COMMUNICATIONS)
Deploy, establish, and extend communications in austere and contested environments.

MISSION ASSURANCE
Ensure systems and data comply with security and mission requirements.

PROGRAMMING & AUTOMATION
Automate processes, develop tools, and engineer solutions to improve capability and efficiency.

DATA ANALYTICS & INTEGRATION
Analyze data, generate insights, and drive decision advantage across the enterprise.

CYBERSECURITY OVERLAY
Cybersecurity is integrated across all operations, systems, and missions.

WORK ROLE CERTIFICATIONS
Earn qualifications in complementary roles to increase mission flexibility and value to the enterprise.

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STOVEPIPE WORKFORCE MANAGEMENT
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OUR SOLUTION
Restore common technical foundations, enable progressive specialization, and create the flexibility to deliver mission advantage anywhere.

OUR FOUNDATION: 4 CORE 1D7 AFSC ECOSYSTEMS

1D7X1 TECHNICAL SUPPORT SPECIALIST

FOUNDATIONAL ROLE
Provides IT support, maintains client systems, troubleshoots issues, and ensures network connectivity and services at the enterprise edge.

PROGRESSION PATHS

1D7X1A NETWORK OPERATIONS SPECIALIST
Operate and maintain network infrastructure, monitor performance, and resolve network issues.

1D7X1B SYSTEM ADMINISTRATION SPECIALIST
Administer systems and services, manage accounts, maintain servers, and automate processes.

ADVANCED COURSE

CABLE SYSTEMS ADVANCED COURSE
(Targeted for 1D7X1A – Network Operations Specialist)
Specialized training for installation, maintenance, and repair of cable plant and associated systems.

1D7X2R RF TRANSMISSIONS

FOUNDATIONAL ROLE
Operate and maintain RF transmission systems, radio networks, and transport solutions across all domains.

PROGRESSION PATH

1D7X2F SPECTRUM MANAGEMENT SPECIALIST
Manage the electromagnetic spectrum, conduct analysis, resolve interference, and ensure spectrum compliance.

ADVANCED COURSE

ANTENNA SYSTEMS ADVANCED COURSE
(Targeted for 1D7X2R – RF Transmissions)
Specialized training for antenna systems alignment, testing, maintenance, and repair.

1D7X4 DATA ENGINEERING

FOUNDATIONAL ROLE
Collect, integrate, engineer, and deliver data solutions that enable decision advantage across the enterprise.

PROGRESSION PATHS

1D7X4D DATA OPERATIONS (SHRED)
(Includes Knowledge Management Skills)
Manage data pipelines, ensure data quality, operate data systems, provide KM support.

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1D7X3 – CABLE & ANTENNA SYSTEMS (TRANSITIONAL AFSC)

TRANSITIONAL PURPOSE
Provides career field structure while we assess the effectiveness of advanced qualification pathways within related foundational AFSCs.

CONTINUOUS FORCE DESIGN ASSESSMENT
We are deliberately evaluating whether advanced qualification pathways within 1D7X1 and 1D7X2R provide greater operational optimization than a stand-alone cable and antenna AFSC.

FUTURE OUTCOME
Data-informed decisions will determine whether to transition to advanced course models or establish separate AFSCs in the future.

ESTABLISH & EXTEND (TACTICAL COMMUNICATIONS)
Work Role available across 1D7X1, 1D7X2R, and 1D7X5 based on qualifications.

CROSS-CUTTING WORK ROLES & QUALIFICATIONS (APPLICABLE ACROSS MULTIPLE AFSCs)

ESTABLISH & EXTEND (TACTICAL COMMUNICATIONS)
Deploy, establish, and extend communications in austere and contested environments.

MISSION ASSURANCE
Ensure systems and data comply with security and mission requirements.

PROGRAMMING & AUTOMATION
Automate processes, develop tools, and engineer solutions to improve capability and efficiency.

DATA ANALYTICS & INTEGRATION
Analyze data, generate insights, and drive decision advantage across the enterprise.

CYBERSECURITY OVERLAY
Cybersecurity is integrated across all operations, systems, and missions.

WORK ROLE CERTIFICATIONS
Earn qualifications in complementary roles to increase mission flexibility and value to the enterprise.

FLEXIBLE BY DESIGN
Work roles allow us to identify and leverage talent. Airmen build skills over time. Leaders put the right people in the right position.

STRATEGIC OUTCOMES

RESTORED TECHNICAL IDENTITY & CAREER FIELD TESTING
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Questions?

