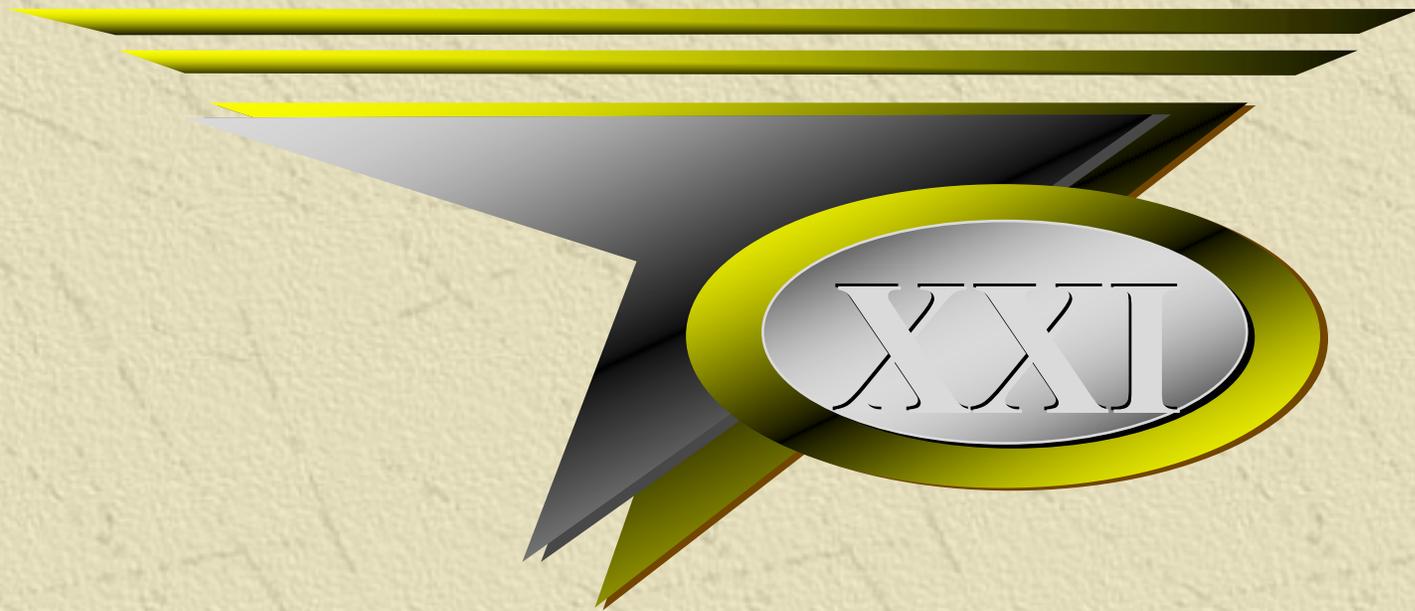


Signal Warrant Officer Restructure



Presented by
CW5 George R. McGee



Signal Regiment Warrant Officer



Authorizations

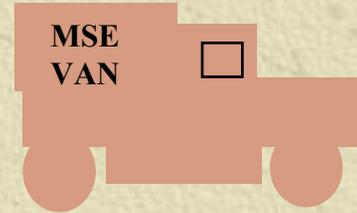
Network Management Technician

263



250N

- WAN Management
- Comm Sys Control
- Data Comm Planning



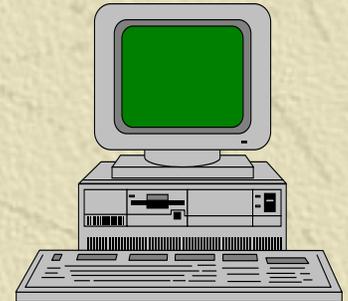
DATA PROCESSING TECHNICIAN

108



251A

- Info Processing Mgmt
- LAN Design/Mgmt
- Software Systems Troubleshooting





Prerequisites for Signal Warrants

-
- ✓ SGT / E5 or Above (BNCOC Graduate)
 - ✓ Practical Experience :
 - 250N: Four Years, MSE/TRITAC Switching
 - 251A: Four Years, Computer System Ops; Programming
 - ✓ Primary Feeder MOS'S: **Note 1**
 - 250N: 31F, 31W, 74C-Z2
 - 251A: 74B, 74G, 74Z
 - ✓ Six Hours, College Level English or CLEP
 - ✓ *12th Grade Reading Level on TABE*
 - ✓ *Three NCOER which reflect outstanding duty performance*

Note 1: Any MOS can apply if practical experience is documented.



Redesign WO Structure To Meet Signal Challenges

- ✦ Provide signal and information systems support to maneuver units.
- ✦ Provide signal and information systems support to non-signal commands and units.
- ✦ Open warrant officer recruitment opportunities to more signal enlisted moss.
- ✦ Provide equitable career progression for all signal warrant officer MOSs.
- ✦ Redefine MOS skill sets by mission needs.



Network Management



Technician Description (250N)

MAJOR DUTIES SUMMARY: Manages, plans, designs, engineers, installs, operates, maintains and evaluates automation, communications, and visual information systems at all command levels within the Department of the Army and the Department of Defense. Manages assets of personnel, equipment, and facilities for the operation of message, circuit, and data switching networks at all echelons: division, corps, joint task force, theater, and sustaining base. Coordinates network interface protocols and procedures with those of other services and combined forces. Coordinates network troubleshooting and restoration of communications paths to maintain robust networks. Monitors the cryptokey variable status in networks and subnetworks. Implements procedures for detecting and reporting communications security (COMSEC) insecurities; recommends compromise recovery actions. Develops policy and provides guidance for management of theater, joint task force, corps, and division networks. Provides technical guidance and direction to subordinate operating elements. Develops and supervises training of network management personnel.



Data Processing Technician

Description (251A)

MAJOR DUTIES SUMMARY: Manages personnel and equipment assets associated with Battlefield Automation Systems (BAS), Automated Information Systems (AIS), and Internet Protocol (IP) networks to include the internetworking of systems. Performs configuration management. Develops maintenance programs for organizational BAS/AIS and executes BAS/AIS recovery procedures. Develops software installation plans. Evaluates present AIS requirements to validate Information Management Plan (IMP) and prepares Mission Element Need Statement (MENS) to acquire new AIS systems. Conducts systems analysis, design, development, implementation, and acceptance testing. Implements and supervises security training and awareness programs. Designs a tactical BAS/AIS network to support corps and below. Directs BAS/AIS network hardware installation and integration of BAS/AIS into tactical networks. Performs systems administration and network administration of tactical BAS/AIS; manages training of personnel in the installation, operation, administration, and maintenance of tactical BAS/AIS, internetworks, and video teleconferencing systems. Conducts AIS security inspections. Develops the IMP. Provides technical guidance and direction to subordinate operating elements. Develops policy and guidance for management of all automation networks and equipment at all echelons from brigade to theater level.



Signal Systems Support Technician Description (254A)

MAJOR DUTIES SUMMARY: Supervises and manages Signal support equipment systems and technical devices; integrates unit Signal systems into Signal Corps wide area networks. Plans and supervises CNR systems and data distribution systems; provides training and technical assistance to user owned and operated automation and communications equipment. TOC-LAN and Tactical Internet Administrator. Information Assurance Officer, supervises and manages electronic key management systems (EKMS). Performs COMSEC accounting management and oversight of COMSEC Accounts.



MOS 254A

-
- ✦ Provides signal/information WO expert tailored to non-signal units.
 - ✦ Opens large 31U accession pool to recruit from (7,000 soldiers).
 - ✦ Retains focus of current 251A skill set.
 - ✦ Eliminates 250N in non-signal COMSEC accounts
 - ✦ Provides three well defined and narrowed technical specialties.
 - ✦ Creates three balanced and viable WO moss supported by strong enlisted structures.

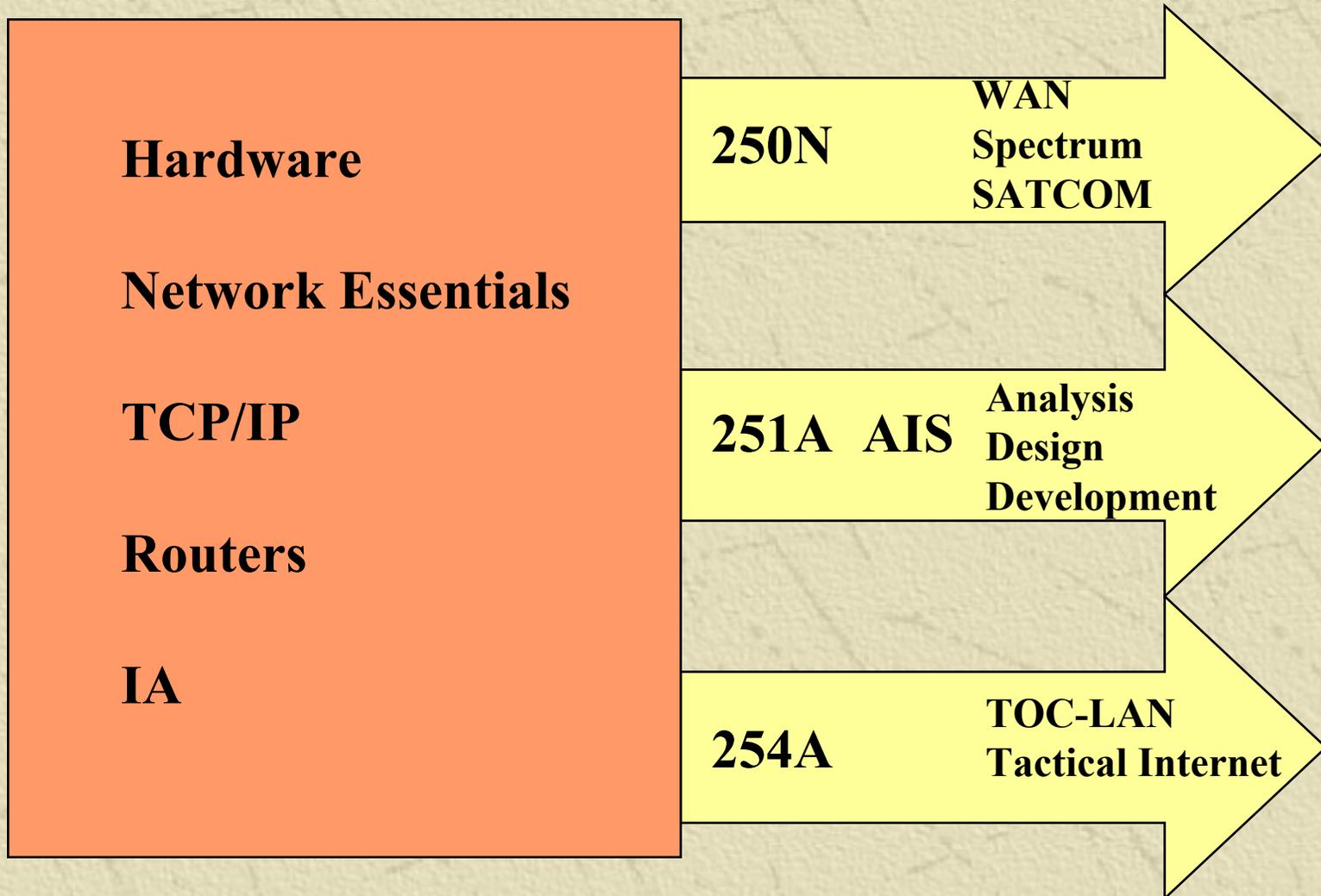
254 Task List

-
- ✱ BCT communications systems
 - ✱ Combat net radio(CNR)
 - ✱ SOI/CEOI
 - ✱ Tactical internet
 - ✱ TOC-LAN
 - ✱ Enhanced position locating and reporting system (EPLRS)
 - ✱ Army battle and command system (ABCS)
 - ✱ Force XXI command and control system (FBCB2)
 - ✱ Army key management system (AKMS)
 - ✱ Information assurance and security
 - ✱ ISYSCON v4

254A Duty Positions

- ✱ Maneuver brigade TOC
- ✱ Non-signal S-6
- ✱ Division COMSEC office of record
- ✱ Corps COMSEC office of record
- ✱ JTF COMSEC office of record
- ✱ Information security and assurance

Shared SKA





Warrant Officer Structure

Near Term

250N Net Mgmt Tech

- MSE
- TRITAC
- ISYSCON
- WIN T

251A Info Sys Tech

- CSSAMO
- GCCS
- DMS
- COTS

254A Sig Sys Tech

- FBCB2
- EPLRS
- EKMS
- CNR

- ✱ Comm Sys Planning and Control
- ✱ WAN Management
- ✱ Data Comm Plan/Mgmt
- ✱ VTC Plan/Mgmt
- ✱ Frequency Mgmt
- ✱ SATCOM Mgmt

- ✱ AIS Sys analysis design, and develop
- ✱ Info Processing Mgmt
- ✱ LAN Design/Mgmt
- ✱ Software Systems Troubleshooting
- ✱ AIS accreditation

- ✱ Sig Sys Mgmt
- ✱ TOC-LAN Management
- ✱ Tactical Internet
- ✱ Radio Trans Sys Mgmt
- ✱ Elect Key Mgmt
- ✱ COMSEC Mgmt
- ✱ Information Security

All MOS require LAN Skills

WO25 Structure

✱ **146- 250N; Assigned only to Signal Bde/Bn J6/G6 Staffs.
(W01/CW2/CW3/CW4)**

(42 will convert to 251A in Sig Bde/Bn)

✱ **104- 251A; Assigned to positions Joint and Army at all echelons.
(W01/CW2/CW3/CW4)**

✱ **112- 254A; Assigned to Non-Signal Cmd/Bde/Bn
(W01/CW2/CW3/CW4)**

(Does not include +70 (25 251A and 45 254A))

✱ **20- 255Z; Assigned to Signal Center CINCs, MACOMs, and Senior Cmd
Staffs. (CW5)**

Future WO25 Structure

✱ 104- 250N; Assigned only to signal units staffs. (W01/CW2/CW3/CW4)

✱ 169- 251A; Assigned army and joint (W01/CW2/CW3/CW4)
(42 converted from 250N in Sig Bde/Bn, 25 from digitization S-6 FDU)

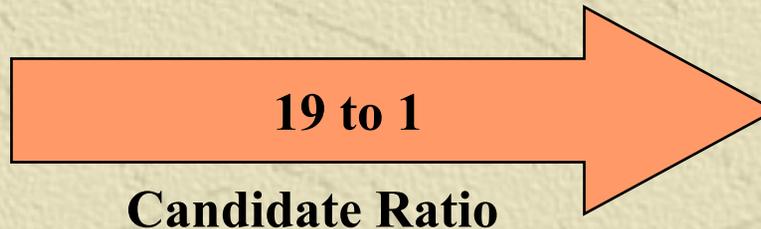
✱ 157- 254A; Assigned to war fighting Cmd/Bde/Bn
(W01/CW2/CW3/CW4)
(45 254A from digitization S-6 FDU)

✱ 20- 255Z; Assigned to signal center CINCs, and senior Cmd staffs. (CW5)

Current Enlisted Feeder MOS

CMF 31

31F 3485
31W 1616

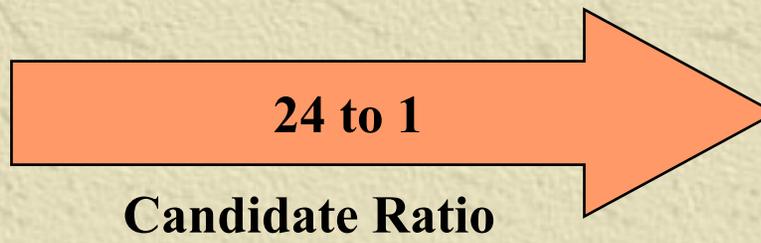


250N 263

Hard meeting accession mission

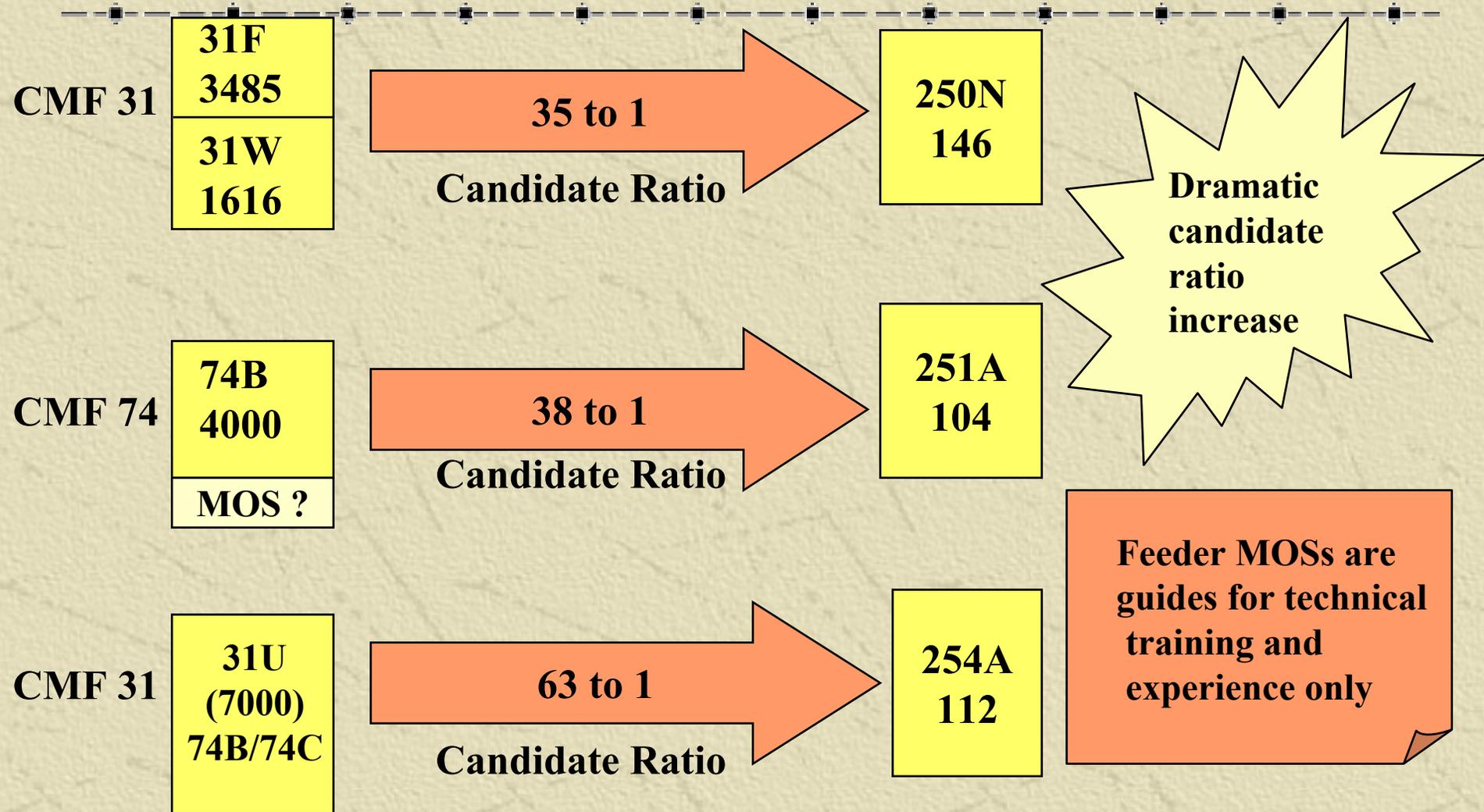
CMF 74

74B 2347
74G 330



251A 108

Future Enlisted Feeder MOS





Transition to WIN-T

250N Manage WAN/SATCOM

251A Manage LAN

254A Manage Tactical Internet

**As Technology Allows
One Signal WO MOS ?**

254A WOBC Milestones

✦ Nov 2000 – Two individuals will be selected

✦ Jun 2001 – First WOCC course will be based on acceptance of 254A CAD and POI.

Manpower Update Milestones

-
- ✦ 31 October 2000 - Close MOCS window and consolidate approved changes (ODCSPER/PERSCOM).
 - ✦ 30 November 2000 - Update POSC-Edit File (PERSCOM).
 - ✦ 31 December 2000 - Forward TOE POSC-Edit Tape to USAFMSA for the 0104 CTU (PERSCOM).
 - ✦ 31 March 2001 - Submit DA Pam 611-21 update to USAPA (PERSCOM).



Position Reclassification

Position reclassification, to include revision of duty position title(s), grades and identifiers, will be accomplished during the FY04 Command Plan to all Joint/Defense documents in effect on or after 1 October 2002 and all other Tables of Distribution and Allowances (TDA) and Modified Tables of Organization and Equipment (MTOE) in effect on and after 1 October 2003.



Personnel Reclassification

Personnel reclassification, to include any required revision to personnel records, publication of orders, and/or submission of SIDPERS transactions, will be accomplished by the affected soldiers Personnel Service Center during 1 June – 30 September 2003. Effective date of reclassification will be 30 September 2003.



Senior Signal Technician

255Z



Will consolidate all Signal CW5 positions.

- ◆ Provides CINCs, MACOMs and theater signal commanders with well rounded, broad based, technically and institutionally oriented advisors.
- ◆ Selections can be made from broader base population insuring highest quality selections and fill of all authorized positions.



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<http://www.gordon.army.mil/ocos/odiv/wospro.htm>