

## **MOS 25H—Network Communication Systems Specialist (Net Com Sys Spec), (Effective 202510)**

*a. Major duties.* The Network Communication Systems Specialist supervises, installs, operates and performs limited field level maintenance on commercial and tactical fiber, cabling and wiring, IP based high speed electronic nodal systems, integrated network control centers, network management facilities, associated multiplexing and subscriber interface equipment, multichannel line-of-site systems and associated relays, tropospheric scatter communications systems, tactical terrestrial satellite communication systems, anti-jam reliable tactical terminals, communications security (COMSEC) devices, and associated equipment. Performs network management functions in support of maintaining, troubleshooting, and reengineering of associated network assets in support of operational requirements. Installs, operates, perform strapping/re-strapping, Preventive Maintenance Checks and Services (PMCS), and field level maintenance on COMSEC devices. Operates and performs PMCS on assigned vehicles, power generators and equipment. Duties for MOS 25H at each level of skill are:

(1) *MOSC 25H10.* Installs, operates, repairs and performs limited field level maintenance on commercial and tactical fiber, cabling and wiring, IP based high speed electronic nodal systems, integrated network control centers, network management facilities, associated multiplexing and subscriber interface equipment, multichannel line-of-site systems and associated relays, tropospheric scatter communications systems, tactical terrestrial satellite communication systems, anti-jam reliable tactical terminals, COMSEC devices, and associated equipment. Uses computers and software tools to perform system/network operations and analyze BIT/BITE diagnostics to isolate faults.

(2) *MOSC 25H20.* Supervises and performs as team leader or team member, in the installation, operation, employment, and limited field level maintenance on commercial and tactical fiber, cabling and wiring, coordinates remote trunking operations, updates line route maps and overlays, IP based high speed electronic nodal systems, integrated network control centers, network management facilities, associated multiplexing and subscriber interface equipment, multichannel line-of-site systems and associated relays, tropospheric scatter communications systems, tactical terrestrial satellite communication systems, anti-jam reliable tactical terminals, COMSEC devices, and associated equipment. Interprets orders and compiles system statistics for the shift and node. Assists in reconfiguration of IP based nodal systems equipment as needed. Requests logistical support for teams or shifts. Implements network operations center generated changes to support operational requirements.

(3) *MOSC 25H30.* Supervises and performs complex and multifaceted nodal operations functions. Supervises and coordinates all phases of construction, recovery, repair and maintenance of commercial and tactical fiber, cabling and wiring, and associated multiplexing, reeling, and testing equipment. Supervises the installation, operation, deployment, provisioning, and maintenance of electronic IP based nodal assemblages, combat net radios and all related COMSEC devices. Disseminates network orders, compiles, and submits operational statistics reports and processes requests for logistic support. Coordinates, integrates and controls the operation of IP based nodal systems with associated transmission systems and local subscriber interface equipment. Performs network operations center tasks for planning, reconfiguration, and employment of nodal systems equipment. Ensures contingency operations plans and nodal routing subsystems are correctly maintained in nodal databases to reflect current operational scenarios. Troubleshoots complex system faults, supervises or corrects failures to meet system availability and reliability standards. Interprets, disseminates and implement network changes/reconfigurations affecting nodal network architecture operations. Conducts technical, operational and maintenance training of subordinates on operational equipment and procedures.

(4) *MOSC 25H40.* Plans, coordinates, and supervises installation, operation, maintenance, and management of network communication systems, including radio, tactical satellite terminals, switching, cable, and automation equipment. Supervises the installation, operation, strapping, re-strapping, preventive maintenance checks and field level maintenance on COMSEC devices. Directs restoration, and alternate routing of circuits, trunks, links, and systems. Develops and implements field level signal maintenance programs. Provides operational and technical assistance to subordinates and commanders. Verifies frequency operational requirements, network communication systems service requests, and disseminates operations information to ensure command and control communications connectivity.

Requests and ensures appropriate logistical support is always available. Assimilates and reports system/network statistics. Develops and implements training programs for Signal personnel. Uses computers to process operational and administrative information. Operates system control facilities as part of Signal organization management functions.

b. *Physical demands rating and qualifications for initial award of MOS.* Network Communication Systems Specialist must possess the following qualifications:

(1) A physical demands rating of Moderate (Gold).

(2) A physical profile of 212221.

(3) Normal color vision.

(4) Qualifying scores.

(a) A minimum score of 100 in aptitude area EL and 102 in aptitude area ST.

(b) A minimum OPAT score of Long Jump (LJ) - 0120 cm, Seated Power Throw (PT) - 0350 cm, Strength Deadlift (SD) - 0120 lbs., and Interval Aerobic Run (IR) - 0036 shuttles in Physical Demand Category of Moderate.

(5) Be able to work at heights up to 40 feet for extended periods.

(6) Be able to work underground in low light conditions for extended periods.

(7) Ability to read, comprehend and clearly enunciate English.

(8) Ability to work for extended periods in a confined area.

(9) A security clearance of SECRET.

(10) A U.S. citizen.

(11) Formal training (completion of the MOS 25H Course) conducted under the auspices of the US Army Signal School is mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATSO-CD, Ft Eisenhower, GA 30905-5300.

c. *Additional skill identifiers.* (Note: Refer to table 12-8 for (List of universal ASI's associated with this MOS).)

(1) J7--WHCA Console Control Operations.

(2) Q6--Protection Cell Operations (skill level 4 through 6 for personnel only) (Effective 202410).

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-25H-1.* Physical requirements.

(2) *Table 10-25H-2.* Standards of grade TOE/MTOE.

(3) *Table 10-25H-3.* Standards of grade TDA.