

Manual of Navy Enlisted Classifications

NAVPERS 15105

November 1949

ET - Electronics Technician

TE - Teleman

RM - Radioman

CT - Communications Technician

# Group III 1500-1799 Electronics

## 1500-1599 ELECTRONICS TECHNICIANS

### 1500-1509 ELECTRONICS TECHNICIANS, GENERAL

#### **ET—1501 Electronics Technician, Supervisor**

Supervises electronics technicians in maintenance, repair, overhaul, modification, and installation of wide variety of electronic equipment: Plans, schedules, and assigns work to obtain optimum use of available time, space, materials, and personnel; observes work progress, inspects completed work, and prescribes any corrective measures necessary to insure satisfactory standards of performance and compliance with established procedures; instructs subordinates in use of tools, electrical and electronic test instruments, and wiring schematic diagrams and in techniques of adjusting, aligning, calibrating, and repairing equipment such as radio receivers and transmitters, automatic communication equipment, television receivers and transmitters, radar, radio direction finders, sonar, loran, and other navigational aids; personally performs more difficult phases of work; maintains electronic equipment histories; prepares job orders and requisitions; requisitions spare parts and materials.

(Should be graduate of a class B electronics technician school.)

#### **ET—1502 Electronics Technician**

Maintains, repairs, overhauls, and installs variety of electronic equipment: Inspects equipment periodically in accordance with prepared maintenance check-off lists and performs prescribed maintenance; starts, stops, regulates, and makes operating adjustments, including shifting of frequencies on radio transmitters and receivers, direction finders, television receivers and transmitters, search radars, sonar, loran, automatic communication equipment (except printers'), and infrared equipment; diagnoses malfunctions by referring to complicated wiring and circuit diagrams and by using cathode ray oscilloscopes, frequency

meters, tube testers, and other electronic testing instruments; replaces defective parts such as resistors, condensers, coils, tubes, transformers, and cables, using hand soldering irons, small hand tools, and special electronic repair tools; overhauls electronic equipment which may involve the complete disassembly and reassembly of units; maintains test equipment; assists in making modifications and alteration of electronic equipment as authorized by Bureau of Ships; assists in making reports and requisitioning spare parts and material; supervises lower rated men in maintenance, repair, and overhaul of electronic equipment.

(Should be graduate of a class A electronics technician school.)

#### **ET—1503 Mobile Ordnance Service Unit Technician, Electronic Equipment**

Personnel assigned this classification perform all duties described in Electronic Technician ET—1052, performing major casualty analysis and repair. In addition such personnel are graduates of a Class B Electronics Technician School, and have completed prescribed on-the-job training.

This code number is reserved for electronics technicians who are graduates of a class B electronic technician school, have completed necessary on-the-job training, and have been designated Mobile Ordnance Service Unit personnel by Bureau of Ordnance.

#### **ET—1509 Electronics Technician, Basic**

Performs routine duties in maintenance, repair, and overhaul of wide variety of electronic equipment under close supervision: Assists in making periodic operating efficiency tests and checks, following prescribed procedures and check-off lists, for daily, weekly, and monthly routines; makes minor repairs and adjustments to electronic equipment such as tightening loose connections, cleaning contacts, and testing tubes; re-

places such parts as fuses, tubes, condensers, resistors, and capacitors, which may involve simple soldering and use of electrical and electronic-testing instruments, tools, schematics, and wiring diagrams.

(This classification is for graduates of a class A electronics technician school with no significant experience and for other personnel who are not qualified for a specialized classification.)

## 1510-1519 RADAR REPAIRMEN

### Electronics Technician, Radar Repair

Maintains, repairs, overhauls, and installs all types of search radars: Inspects equipment periodically in accordance with prepared maintenance check-off lists and performs prescribed maintenance; diagnoses malfunctions of equipment by referring to wiring and circuit diagrams and by using electrical and electronic test equipment such as cathode ray oscilloscopes, frequency meters, and tube testers; tunes transmitters and receiver sections of radars; calibrates and adjusts radar stable elements, servo systems, timing circuits, video circuits, and antennas; replaces resistors, capacitors, tubes, transformers, synchros, wiring, and cables which are defective; overhauls equipment which may involve complete disassembly and reassembly of radar units; fabricates wave guide, coaxial, and other type

transmission lines used in radar; makes modifications of radars as authorized by Bureau of Ships; maintains records and machinery histories; prepares monthly report on operation of radars; requisitions spare parts and materials; supervises lower-rated men in maintenance, repair, and overhaul of radar equipment; when required, repairs and maintains television transmitters and receivers.

(Should be graduate of a class A electronics technician school.)

Assign classification code below depending upon type of equipment in which primarily qualified:

**ET-1512** General (all types)

**ET-1513** Special Search Radar (SP, SM, SX)

**ET-1514** Combination Air and Surface Search

**ET-1515** RCM Equipment

## 1520-1529 SONAR REPAIRMEN

### ET-1522 Electronics Technician, Sonar Repair

Maintains, repairs, overhauls, and installs sonar equipment: Inspects equipment periodically in accordance with prepared maintenance check-off lists and performs prescribed maintenance; diagnoses malfunctions by referring to wiring and circuit diagrams and by using electrical and electronic testing instruments such as cathode ray oscilloscopes, frequency measuring instruments, and tube testers; repairs faulty equipment such as drivers, stacks, polarizers, and vari-

ous sound heads, using hand and electrical tools; disassembles units and replaces defective parts such as resistors, capacitors, transformers, coils, tubes, wiring, and mechanical features; reassembles units and makes final adjustments, calibrations, and alignments for most efficient operating results; performs modifications of equipment as authorized by Bureau of Ships; maintains equipment histories; prepares failure reports, job orders, and requisitions for equipment and spare parts.

(Should be graduate of a class A electronics technician school.)

## 1530-1549 COMMUNICATIONS EQUIPMENT REPAIRMEN

### Electronics Technician, Radio Repair

Maintains, repairs, overhauls, and installs radio equipment: Inspects equipment peri-

odically in accordance with prepared maintenance check-off lists and performs prescribed maintenance; starts, stops, regulates, tunes, and adjusts radio transmitters and

receivers, radio direction finders, loran, and automatic communication equipment; diagnoses malfunctions by referring to wiring and circuit diagrams and by using variety of electrical and electronic test equipment; replaces defective parts such as resistors, capacitors, coils, tubes, transformers, wiring, and cables; rebuilds or reassembles units and makes final adjustments, tunings, calibrations, and alinements to obtain best operating results; makes modifications and installations as required by Bureau of Ships; maintains records and reports; requisitions spare parts and materials; supervises lower-rated men in maintenance, repair, and overhaul of radio equipment.

(Should be graduate of an electronics technician class A school.)

Assign classification code below depending upon type of equipment in which primarily qualified:

- ET—1532 General (all types)
- ET—1533 VLF, LF (not shipboard)
- ET—1534 MF, HF
- ET—1535 UHF, VHF
- ET—1536 Single side band transmission

#### **Radio Equipment Technician, Special**

Maintains, adjusts, repairs, and overhauls special radio equipment: Inspects special radio equipment and performs prescribed maintenance; makes operating adjustments; diagnoses defects by referring to complex wiring and circuit diagrams and using electronic testing instruments; replaces defective parts, using electrical and electronic tools; overhauls special radio equipment which may involve complete disassembly and reassembly of units; assists in preparing reports and requisitioning spare parts and material; supervises subordinates in maintenance, repair, and overhaul of electronic equipment.

Assign classification code below depending upon type of equipment on which qualified:

- ET—1542 Multiplex radio equipment and single side band radio equipment
- ET—1543 Single side band radio equipment
- ET—1544 Multiplex radio equipment

**ET—1545 Radiophoto facsimile equipment**

**ET—1546 Audio broadcasting equipment**

(Should be graduate of a class A electronics technician school.)

**ET—1547 Infrared Equipment Repairman**

Maintains, adjusts, and makes minor repairs on infrared equipment: Assembles infrared equipment and prepares for operations; tests such signaling and snooper equipment as snooperscope, infrared viewers, and infrared communications equipment, using voltmeters, ohmmeters, circuit analyzers, and other test equipment; cleans, focuses, resets, or replaces objective and eyepiece assemblies and light source filters; tightens cable connections and replaces waterproofing thimbles on cables; demagnetizes telescopes; adds electrolyte or water and charges batteries; tests equipment components and replaces defective image tubes, light source bulbs, power supply converters and inverters of alternating and direct current amplifiers, and other components; makes necessary adjustments, using conventional and special electronic repair and maintenance tools; maintains records on equipment; when required, performs minor repairs on indicators, including tape recorders and cathode ray tube units.

(Inasmuch as this job will be performed as a collateral duty, this job classification is to be assigned only as a secondary code number.)

(Should be graduate of a class A electronics technician school.)

**ET—1548 Radiological Instrument Repairman**

Installs, inspects, tests, calibrates, maintains, and repairs all types of radiological detection instruments: Inspects and tests radioactivity detecting instruments to determine cause of faulty operation; locates malfunctioning parts or circuits and makes necessary adjustments, repairs, or replacements, referring to circuit and wiring diagrams and using test instruments, hand tools, and electronic tools; improvises or makes substitutions for defective parts when exact replacements are not available.

(Inasmuch as this job will be performed as a collateral duty, this job classification is

to be assigned only as a secondary code number.)

## 1560-1569 ELECTRONICS TECHNICIANS, GUIDED MISSILES

**ET—1562 Guided Missile Electronics Technician**  
**FT—1562**  
**AT—1562**

Installs, maintains, tests, and repairs all electronic components of guided missiles: Installs and maintains guided-missile electronic equipment such as radar seekers, television, beam riders, command systems, and electronic circuits connected with autopilots, gyros, and servos and assists in installing and maintaining telemetering equipment; tests electronic equipment and power supplies, tracing and localizing defective parts in such equipment and performing necessary repairs; operates, maintains, and adjusts special signal generators, oscilloscopes, and other test equipment; supervises and trains personnel in procedures involved in maintaining, adjusting, repairing, and operating guided-missile electronic equipment and associated test equipment; when required, designs and constructs special test equipment to facilitate tests of electronic components; operates guided missiles in flight, and maintains and repairs control

equipment, electronic arming devices, launching circuits, and all mechanical parts of missile.

(Should be graduate of a class A electronics technician school.)

**ET—1564 Guided Missile Infrared Technician**  
**AT—1564**

Maintains, adjusts, and makes minor repairs to infrared equipment used in connection with guided missiles: Inspects electronic devices, following standard check-off lists, and making necessary adjustments and repairs, using spare parts supplied; tests detector sensitivity, replaces faulty detector units, and adjusts position of detectors relative to rest of optical system; maintains optical components of infrared equipment by replacing and adjusting mirrors and lenses; calibrates equipment designated for field calibration; when required, maintains output channels for information to other equipment and operates infrared equipment.

(Should be graduate of a class A electronics technician school.)

## 1570-1579 ELECTRONICS TECHNICIANS, GROUND-CONTROLLED APPROACH

**ET—1572 Electronics Technician, Ground-Controlled Approach**

Maintains and repairs electronic equipment and circuits employed in ground-controlled approach units: Tests equipment and circuits, using electrical and electronic test instruments such as signal generator, tube tester, volt-ohmmeter, pulse generator, power monitors, oscilloscopes, analyzers, echo box, flux meter, and other equipment; disassembles ground-controlled approach equipment and replaces defective parts; repairs sweep amplifiers, synchronizers, indi-

cators, receivers modulators, and communication equipment, using common hand, electrical and special tools contained in electronics tool kit; tunes and adjusts radar circuits to produce optimum targets on elevation and azimuth radar scopes; aligns radar scopes and antennas; instructs and supervises traffic directors, elevation trackers, and azimuth trackers in operation of their equipment; maintains operational logs and inventories of spare parts.

(Should be graduate of a GCA material school, and a class A electronics technician school.)

# Group V 2200-3499 Administrative and Clerical

## 2200-2299 TELEMEN

### 2200-2209 TELEMEN, GENERAL

#### TE—2201 Teleman, Supervisor

Supervises communication clerks, cryptographers, registered publication clerks and teletypists in performance of communication duties: Schedules and assigns work; controls flow of traffic, expediting routing and delivery; instructs personnel in operation and use of equipment such as radio receivers and transmitters, teletypewriters, voice radio, and cryptographic aids and devices; reviews traffic and other completed work to insure satisfactory standards of performance and compliance with naval communication procedures and security regulations. Supervises mailmen receiving and dispatching mail, providing directory services, and perform-

ing routine clerical functions when assigned to naval post office.

#### TE—2209 Teleman, Basic

Performs routine communication duties under close supervision: Assists in receipt and transmission of messages on teletypewriter, encryption and decryption of messages, issue and receipt of registered publications, cleaning and lubrication of equipment, and maintenance of files and records; performs routine mail-handling duties when assigned to naval post office.

(The classification is for graduates of a class A teleman school with no significant experience and for other personnel who are not qualified for a specialized classification.)

### 2210-2229 COMMUNICATION CLERKS AND CRYPTOGRAPHERS

#### TE—2211 Communication Clerk, Supervisor (TEL)

Supervises communication clerks in clerical and communication duties: Schedules and assigns work; establishes procedures for receipt, processing, and disposition of dispatch traffic, preparation of correspondence, and maintenance of files, records, and registered publications; insures satisfactory performance and compliance with standard communication procedures and security regulations by observing work progress and reviewing completed work.

#### TE—2212 Communication Clerk (TEL)

Performs clerical and communication duties: Drafts and types naval dispatches in various forms for delivery to radio supervisor; routes and distributes messages within own ship or station; prepares correspondence; maintains files, logs, records, reports, and official publications pertaining to communications; corrects registered publications; operates and performs operational

maintenance on office equipment and machines such as typewriter, teletypewriter, recordak, mimeograph, and hectograph; tunes radio teletypewriter receiver and operates and controls special types of radiotelephone circuits, including tactical maneuvering, fighter direction, naval gunfire control, and countermeasure control, when required.

#### TE—2219 Communication Clerk, Basic (TEL)

Performs, under close supervision, routine clerical and communication duties: Assists in receipt and transmission of messages by radiotelephone or teletypewriter, receipt and issue of registered publications, preparation of correspondence and reports, and maintenance of files and records; types and distributes dispatches; cleans and lubricates equipment.

(This classification is for personnel who perform one or more of the above routine or basic duties and who are not qualified for a specialized classification.)

**TE—2221 Cryptographer, Supervisor (TEQ)**

Supervises cryptographers in encryption and decryption of messages: Schedules and assigns work; instructs personnel in use of cryptographic aids and devices, reviews traffic handled to insure compliance with established procedures and security regulations; reviews crypto center logs, files, and records.

**TE—2222 Cryptographer (TEQ)**

Encrypts and decrypts messages: Operates mechanical ciphering devices and cryptographic aids, and uses code books in encryption of outgoing messages and decryption of incoming messages; drafts and types

naval dispatches; expedites transmission of outgoing messages and delivery of incoming messages; maintains files and records; performs operational maintenance on electric cipher machines.

**TE—2229 Cryptographer, Basic (TEQ)**

Performs routine crypto-board functions under close supervision: Operates cryptographic aids and devices in encryption and decryption of messages; types dispatches in correct form; maintains files and records of incoming and outgoing messages.

(This classification is for personnel who perform one or more of the above routine or basic duties and who are not qualified for a specialized classification.)

**2230-2249 TELETYPEPISTS**

**TE—2231 Teletypist, Supervisor (TET)**

Supervises teletypists in transmission and receipt of dispatches: Assigns subordinate personnel with problems involved in operation and maintenance of teletypewriters, and advises on correct communication procedures and techniques; reviews traffic and inspects work to insure satisfactory performance in compliance with security regulations, observance of standard operating procedures, and maintenance of circuit discipline.

**TE—2232 Teletypist (TET)**

Sends and receives encrypted or plain language dispatches by landline or radio teletypewriter: Operates teletypewriters for direct transmission of messages in code, cipher, or plain language; prepares tape on teletypewriter for automatic transmission; verifies headings, clarity of content, and

routing of messages and executes relay instructions; routes and distributes messages within own station; files incoming and outgoing dispatches; records circuit failures; performs operational maintenance on typewriters, teletypewriters, and teletype terminal equipment.

**TE—2239 Teletypist, Basic (TET)**

Performs routine teletypist duties in receiving or sending encrypted or plain language communications: Assists teletypist in transmitting messages or handling incoming dispatches and in performing operational maintenance on teletypewriters; files copies of messages received and transmitted.

(This classification is for personnel who perform one or more of the above routine or basic duties and who are not qualified for a specialized classification.)

**2250-2259 MAILMEN**

**TE—2251 Mailman, Supervisor (TEM)**

Supervises mailmen in operation of naval post office: Directs personnel in conducting money order and postal note transactions, processing insured and registered mail, classifying mail and applying postage rates,

dispatching and distributing mail, providing directory service for incorrectly addressed and undeliverable mail, maintaining accurate records of funds and supplies; and selling stamps, postal cards, and envelopes; insures satisfactory standards of performance and

compliance with Navy procedures and postal regulations; prepares bonding forms, oaths of office, requests for establishment of postal facilities, and nominations or revocations of appointment as mail clerks; disposes of inquiries, claims, and complaints relating to mail service.

**TE—2252 Postal Clerk (TEM)**

Performs mail service duties at naval post office: Determines classes of mail and postal rates; dispatches and receives insured, registered, and c. o. d. mail, issuing and recording appropriate receipts; sells or cashes postal money orders, postal notes, and savings stamps and bonds; sells postal cards, postage stamps, and envelopes; maintains records of postal transactions and accounts daily for funds and supplies; takes appropriate action on inquiries, claims, and complaints relating to postal service.

**TE—2253 Mail Sorter (TEM)**

Sorts, dispatches, and distributes all classes of mail: Separates outgoing mail into regular mail and airmail groups, examining each piece to insure conformity with Navy and postal regulations; withdraws mail to be returned to sender, indicating thereon reason for return; postmarks and cancels mail by hand or machine; cases outgoing mail; prepares facing slip and bundles mail according to destinations; pouches mail and marks for dispatching; receives, sorts, and cases incoming mail; distinguishes special delivery, mis-

sent, damaged, postage due, and "dead letter" mail by stamping; maintains directory service for incorrectly addressed or undeliverable mail, and notifies publishers of periodicals of subscribers' change of address.

**TE—2254 Postal Directory Service Clerk (TEM)**

Operates directory service for incorrectly addressed and undeliverable mail: Maintains up-to-date record of full name, rate or rank, service or file number, and address of personnel on board, expected, detached, or transferred; writes correct address on mail and cases mail according to new destination; sends second or third class mail having no forwarding address to "dead letter" office or to sender; sends first class mail having no forwarding address to "hold office"; retains mail for personnel on authorized leave or temporary duty.

**TE—2259 Mailman, Basic (TEM)**

Performs routine mail-handling duties under close supervision: Sells stamps, postal cards, envelopes, and other postal supplies; sorts, cases, pouches, and dispatches outgoing mail; sorts, cases and distributes incoming mail; maintains directory service for incorrectly addressed or undeliverable mail.

(This classification is for personnel who perform one or more of the above routine or basic duties and who are not qualified for a specialized classification.)

**2270-2279 REGISTERED PUBLICATIONS CLERKS**

**TE—2271 Registered Publications Clerk, Supervisor (TEP)**

Supervises clerks in receipt and issue of registered publications: Instructs assigned personnel in procedures of registered publications office; schedules and assigns duties such as maintenance, issue, and destruction of registered publications, preparation of correspondence and reports, and maintenance of records and files; reviews completed work for compliance with regulations governing classification, preparation, and safeguarding of classified matter.

**TE—2272 Registered Publications Clerk (TEP)**

Issues and receives registered publications: Safeguards, accounts for, corrects, ships, and maintains custody of registered publications in accordance with prescribed regulations and procedures; inventories and destroys registered publications as authorized; marks or stamps changes of classification on publications; maintains files of transfer receipts, flyleaf receipts, destruction reports, and correspondence pertaining to publications, inventory reports, and cus-



tody cards; prepares related correspondence and required reports on status of publications.

**TE—2279 Registered Publications Clerk,  
Basic (TEP)**

Performs, under close supervision, routine clerical duties in registered publication office: Issues, receives, stows, accounts for, corrects,

ships, and destroys registered publications; maintains files and records of transfer receipts, flyleaf receipts, destruction reports, inventories, custody card files, and related correspondence.

(This classification is for personnel who perform one or more of the above routine or basic duties and who are not qualified for a specialized classification.)

## 2300-2399 RADIOMEN

### 2300-2319 RADIO OPERATORS

#### **RM—2301 Radio Communications, Supervisor**

Supervises communications personnel in receipt and transmission of messages by radio and teletypewriter: Assigns personnel to radio watch stations and sections, and authorizes proper circuits; plans radio drills and other training programs; reviews traffic handled on watches to insure satisfactory performance and compliance with standard operating procedures and security regulations; inspects operational maintenance of radio and teletypewriter equipment and cleanliness of spaces assigned to radio communications; receives and transmits International Morse Code at high speed.

#### **RM—2302 Radio Watch, Supervisor (RMN)**

Supervises radio operators standing communications watch: Observes personnel guarding circuits and listens in on frequencies in use to insure proper handling of messages and conformance with standard communications procedures in receipt and transmission; instructs subordinates in theory of radio, radio skills, operation of teletypewriters; security regulations, and naval organization; reviews encrypted and decrypted headings, bearings obtained on radio direction finder, log sheets, and other complete work to correct any improper practices or violations of instructions; advises on internal routing and expedites delivery of messages; receives and transmits by voice or key; performs operational maintenance on equipment, insuring proper functioning of transmitters and receivers at all times.

#### **Radio Operator**

Transmits and receives radio messages by voice or key in plain language and International Morse Code: Sets up and calibrates receivers and transmitters; tunes receivers and makes minor adjustments; types messages while receiving in plain language or encrypted groups; encrypts and decrypts headings and call signs; routes incoming

messages and edits headings of outgoing messages; corrects publications; maintains radio logs and files; obtains bearings with radio direction finder and transmits and receives on teletypewriter when required.

Assign classification code below depending upon type of speed for which primarily qualified:

**RM—2303 High speed (30-40 words per min.) (RMN)**

**RM—2304 Intermediate speed (20-29 words per min.) (RMN)**

**RM—2305 Low speed (15-19 words per min.) (RMN)**

#### **RM—2306 Radio Operator, Portable (RMN)**

Receives and transmits messages, using portable radio: Communicates by voice from shore to shore, shore to ship, or ship to ship, using equipment such as walkie-talkie or Army Signal Corps set; tunes and adjusts radio, and performs operational maintenance on equipment.

(This classification is to be used for persons whose only significant experience has been in use of portable radios.)

#### **RM—2307 Radio Operator, Press Circuit (RMN)**

Receives and transmits radio press broadcasts and weather reports: Types news broadcasts while receiving in International Morse Code; tunes receiver to broadcast frequency and adjusts equipment to improve volume, tone, and clarity; transmits in International Morse Code.

(This classification is to be used for persons whose only significant experience has been on press circuits.)

#### **RM—2308 Radio Operator, Speed Key (RMN)**

Transmits and receives radio messages, using speed key for transmissions: Types messages while receiving plain language or encrypted groups in International Morse

Code; tunes and adjusts receivers and transmitters.

(This classification is to be used for persons whose only significant experience has been in use of speed key.)

**RM—2312 Radio Operator, Voice (RMN)**

Receives and transmits radio messages on voice circuits in accordance with standard voice procedure: Sets up voice circuit transmitters, and tunes and adjusts receivers; types messages while receiving; performs operational maintenance on radio equipment; obtains bearings with radio direction finder when required.

(This classification is to be used for persons whose only significant experience has been on voice circuits.)

**RM—2313 Tape Cutter and Reader (RMN)**

Perforates tape for automatic radio and teletype transmissions and reads tape received: Cuts holes in tape, representing message with tape cutting machine; removes tapes received and inserts in winding ma-

chine for translating holes in tape, by visual inspection, into letters and words. Receives International Morse Code either by slow speed tape or manual transmission when required; performs operational maintenance on equipment.

**RM—2319 Radio Operator, Basic (RMN)**

Receives and transmits, under close supervision, radio messages: Guards assigned frequencies on voice or International Morse Code circuits, receiving and transmitting plain language or encrypted messages; assists in encryption and decryption of message headings and call signs, maintenance of logs and files, routing and delivery of dispatches, operation of radio direction finder, and operational maintenance of radio equipment; receives and transmits messages by teletypewriter when required.

(This classification is for graduates of a class A radio operator school with no significant experience and for other personnel who are not qualified for a specialized classification.)

## 2320-2329 RADIOPHOTO OPERATORS

**RM—2321 Radiophoto, Supervisor (RMN)**

Supervises radiophoto operators in receipt and transmission of photographs, sketches, weather maps, charts, and printed matter: Schedules and assigns work; inspects and approves copy prepared for transmission and directs personnel in processing and distributing information received; advises and assists subordinates in setting up, adjustment, and operational maintenance of equipment; establishes procedures and safety regulations for storage and use of chemicals and other photographic equipment; insures compliance with security regulations and coordinates radiophoto facilities with other communications facilities; receives and transmits International Morse Code.

**RM—2322 Radiophoto Operator (RMN)**

Receives and transmits photographs, sketches, weather maps, charts, and printed matter by radio: Sets up, adjusts, and oper-

ates radiophoto equipment; prepares copy for transmission, develops negatives, and makes prints, copies, and enlargements; distributes information received to proper officers; performs operational maintenance on equipment; receives and transmits International Morse Code.

**RM—2329 Radiophoto Operator, Basic (RMN)**

Performs, under close supervision, routine operation and adjustment of radiophoto equipment. Adjusts controls and selects frequencies to transmit and receive photographs, sketches, weather maps, charts, and printed matter. Assists in preparation of copies for transmission, developing negatives, making prints, copies and enlargements.

Should be qualified in International Morse Code operation on radio circuits.

## 2330-2339 LANDLINE TELEGRAPHERS

### **RM—2331 Landline Telegrapher, Supervisor (RMT)**

Supervises telegraphers in transmission and receipt of messages; Schedules and assigns work; instructs personnel in proper handling of messages and reviews traffic to insure compliance with standard communications procedures and security regulations; advises on routing and distribution of messages; inspects equipment for operational maintenance.

### **RM—2332 Landline Telegrapher (RMT)**

Transmits and receives signals and messages in American Morse Code by telegraph: Operates telegraph key in transmission of messages, following standard communications procedures in use of signs, prosigns, and operating signals; decrypts and encrypts headings and call signs; types dispatches in correct form, determines routing, and expe-

rites delivery; performs operational maintenance on telegraph equipment; sends and receives on teletypewriter when required.

### **RM—2339 Landline Telegrapher, Basic (RMT)**

Transmits and receives, under close supervision, messages in American Morse Code: Sends messages by telegraph key, following standard communications procedures; assists in typing dispatches and miscellaneous material, distribution of messages, and in operational maintenance of equipment; cleans spaces assigned to telegraph equipment; transmits and receives on teletypewriter when required.

(This classification is for personnel who perform one or more of above routine or basic duties and who are not qualified for a specialized classification.)

## 2340-2349 REPAIRMEN

### **RM—2342 Teletypewriter Repairman (RMN) (RMT)**

Maintains, adjusts, and repairs mechanical and electrical assemblies of teletypewriter machines; performs operating and adjust-

ments to teletypewriters and cleans and lubricates machines; dismantles defective equipment to discover cause and makes necessary repairs or replacement of parts; tests repaired and adjusted equipment.

## 2400-2499 COMMUNICATIONS TECHNICIANS

### 2400-2409 COMMUNICATIONS TECHNICIANS

#### **CT—2402 Communications Technician**

Performs specialized communication duties at communication supplementary activities under cognizance of the Chief of Naval Operations.

(This classification is to be assigned only to personnel who are experienced in specialized communication duties.)

#### **CT—2408 Communications Technician, Trainee**

(This classification is for personnel in training to qualify in communication tech-

nician duties under cognizance of the Chief of Naval Operations.)

#### **CT—2409 Communications Technician, Basic**

Performs routine basic specialized communication duties under cognizance of the Chief of Naval Operations.

(This classification is for graduates of a class A communications technician school, with no significant experience, and for other personnel who are not qualified for a specialized classification.)