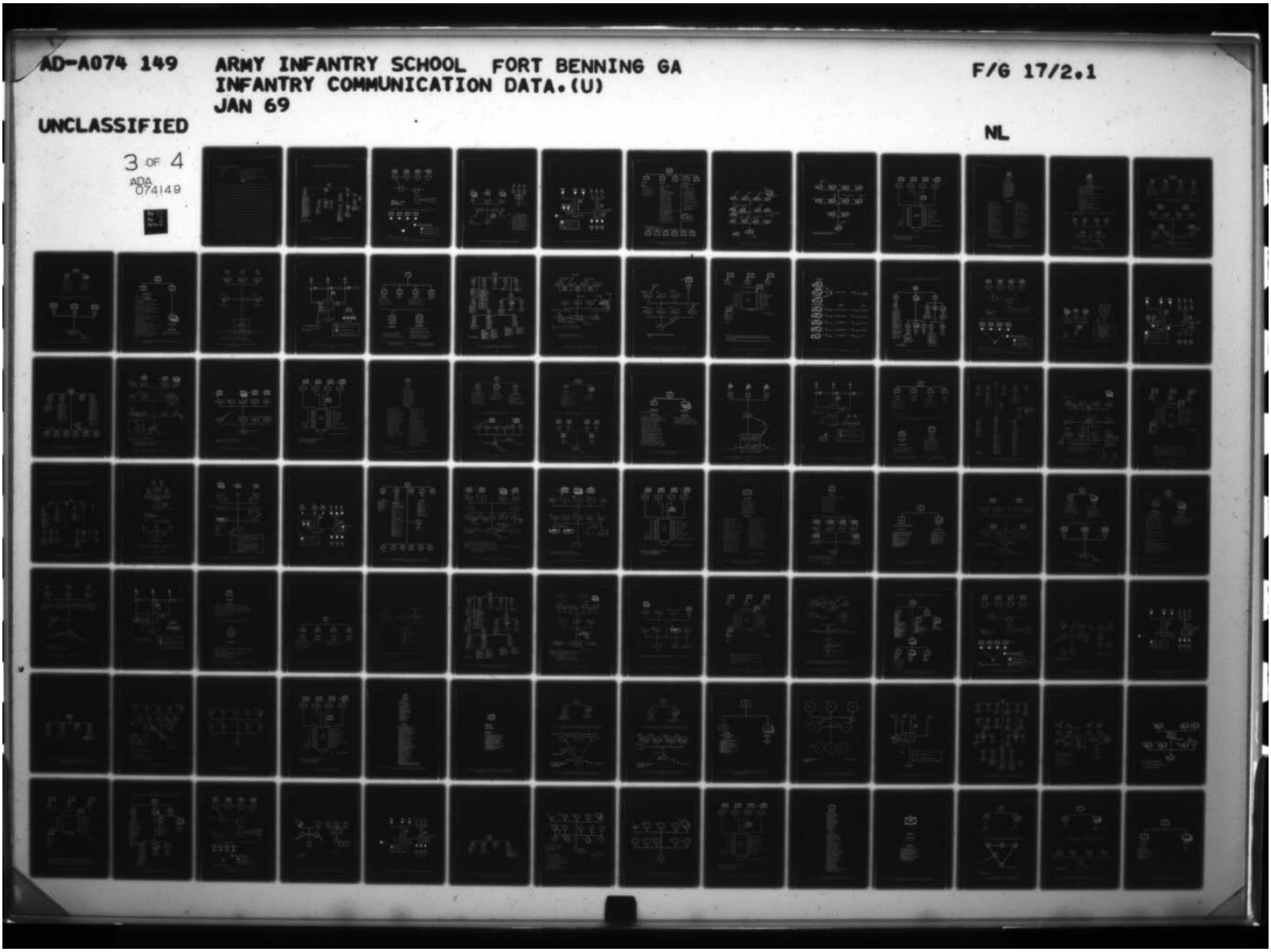
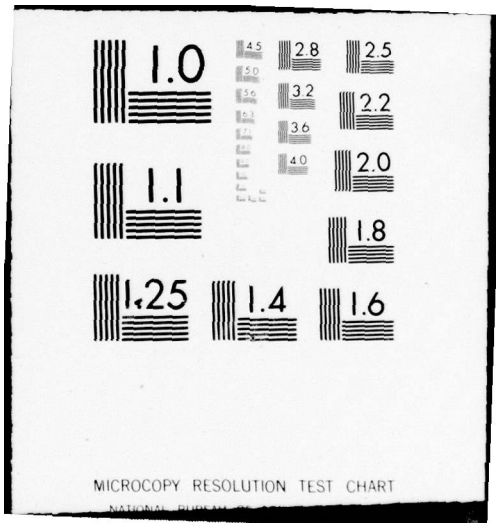
AD-A074 149 ARMY INFANTRY SCHOOL FORT BENNING GA F/G 17/2.1
INFANTRY COMMUNICATION DATA.(U)
JAN 69

UNCLASSIFIED NL

3 OF 4
ADA 074149




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
MICROCOPY RESOLUTION TEST CHART

CHARACTERISTICS OF THE AN/PRC-70

Power Output	AM-10 Watts FM, SSB, CW - 40 Watts
Power Source	Nickel-cadmium or Metal Air Battery
Antenna	Doublet, Whip (6 ft or 15 ft)
Weight	Should be less than 25 pounds including power supply and accessories.

NOTES

CHAPTER 13

COMMUNICATIONS - INFANTRY BATTALION AND BRIGADE

TOE--HHC Bde - 7-42G, Bn - 7-15G; HHC Bn - 7-16G, Rifle Co - 7-18G

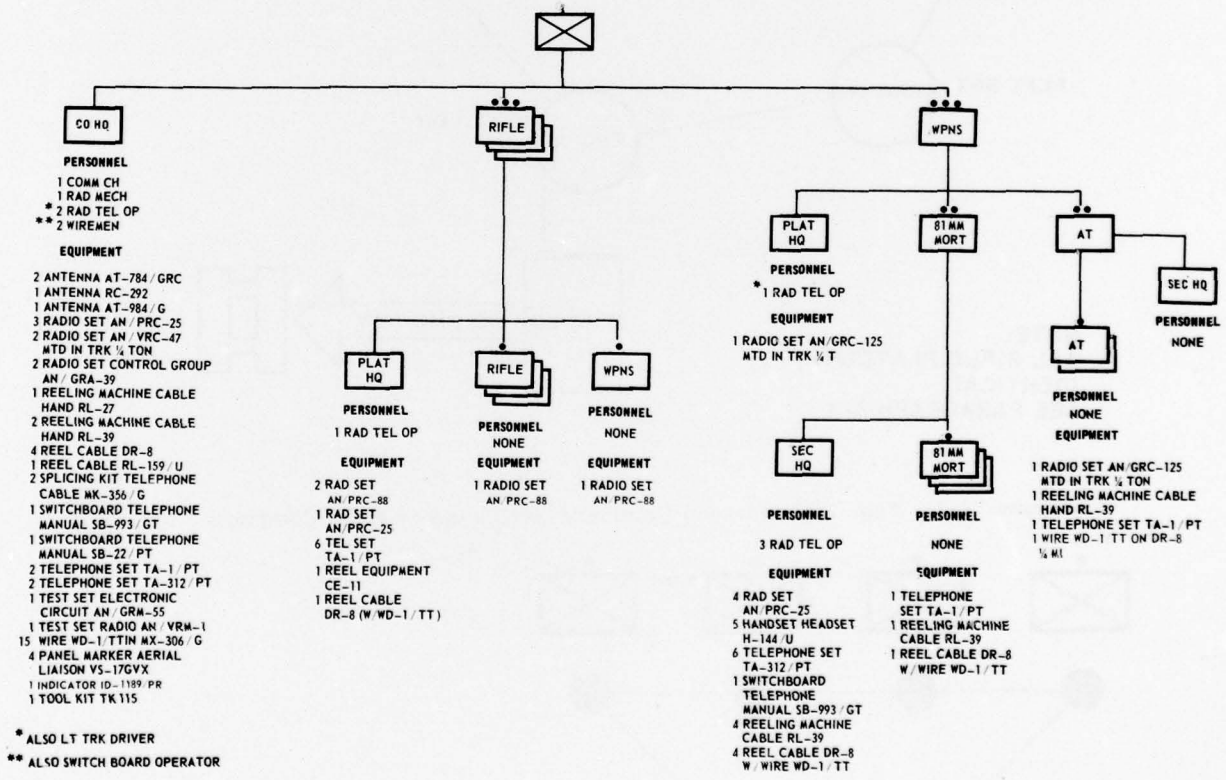


Figure 13-1. Communication Personnel and Equipment, Rifle Company, Infantry Battalion.

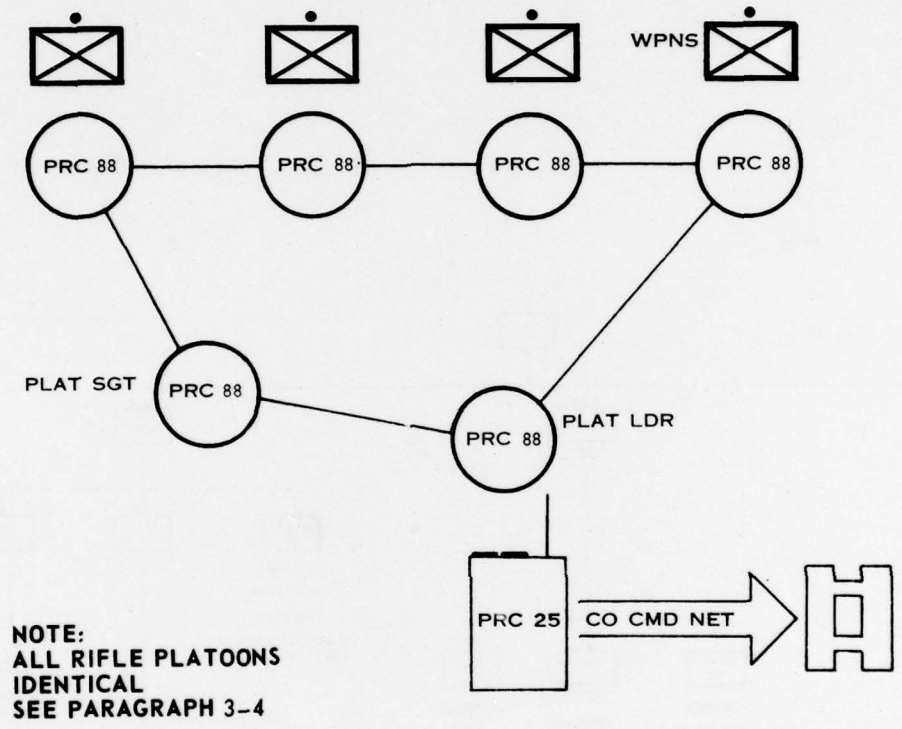


Figure 13-2. Type Rifle Platoon Command Net, Infantry Rifle Company.

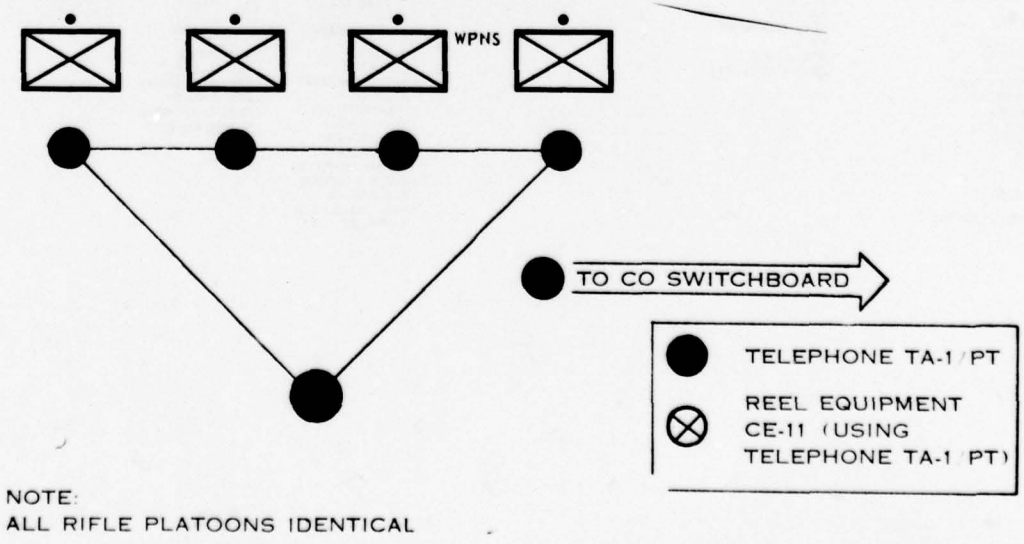
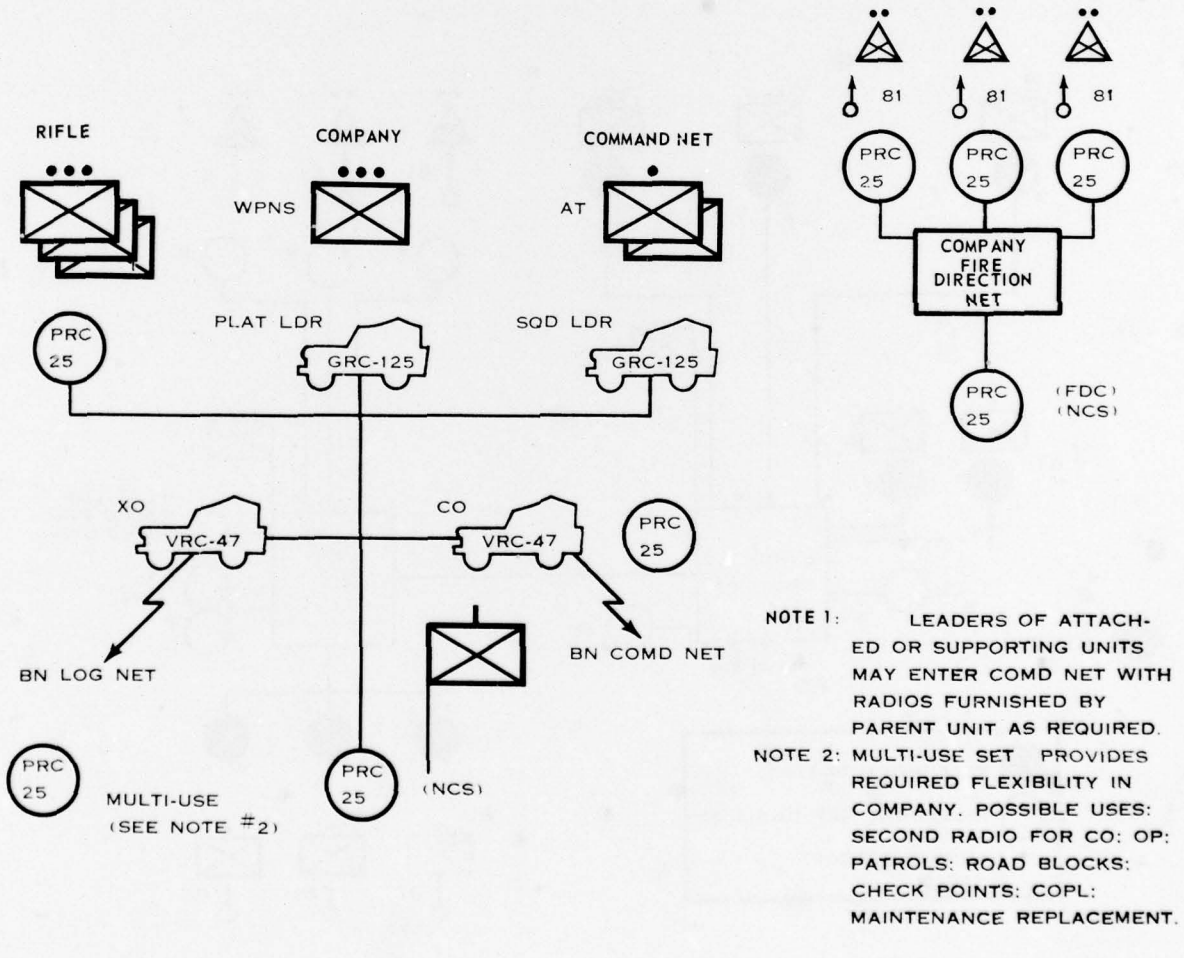


Figure 13-3. Type Rifle Platoon Wire System, Infantry Rifle Company.



NOTE 1: LEADERS OF ATTACHED OR SUPPORTING UNITS MAY ENTER COMD NET WITH RADIOS FURNISHED BY PARENT UNIT AS REQUIRED.

NOTE 2: MULTI-USE SET PROVIDES REQUIRED FLEXIBILITY IN COMPANY. POSSIBLE USES: SECOND RADIO FOR CO: OP: PATROLS: ROAD BLOCKS: CHECK POINTS: COPL: MAINTENANCE REPLACEMENT.

58337 Sig 7

Figure 13-4. Type Radio Nets. Rifle Company, Infantry Battalion.

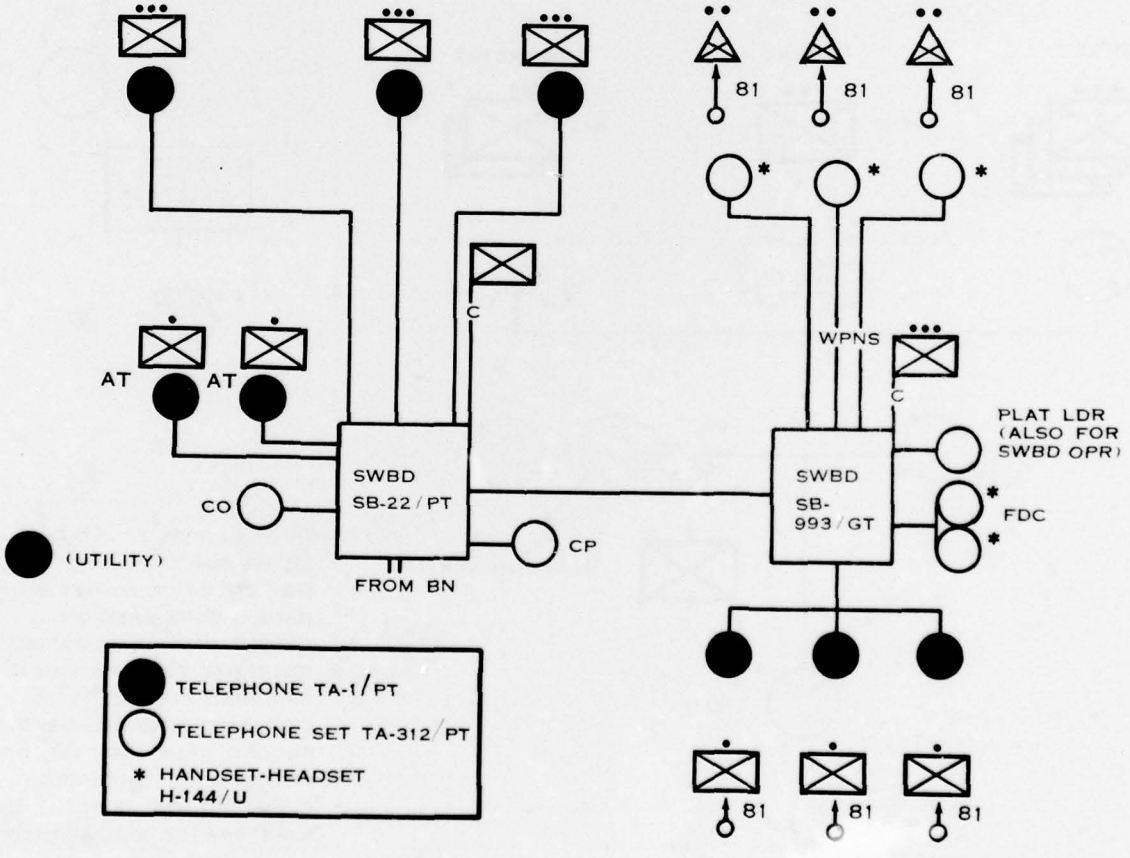


Figure 13-5. Type Wire System, Rifle Company, Infantry Battalion.

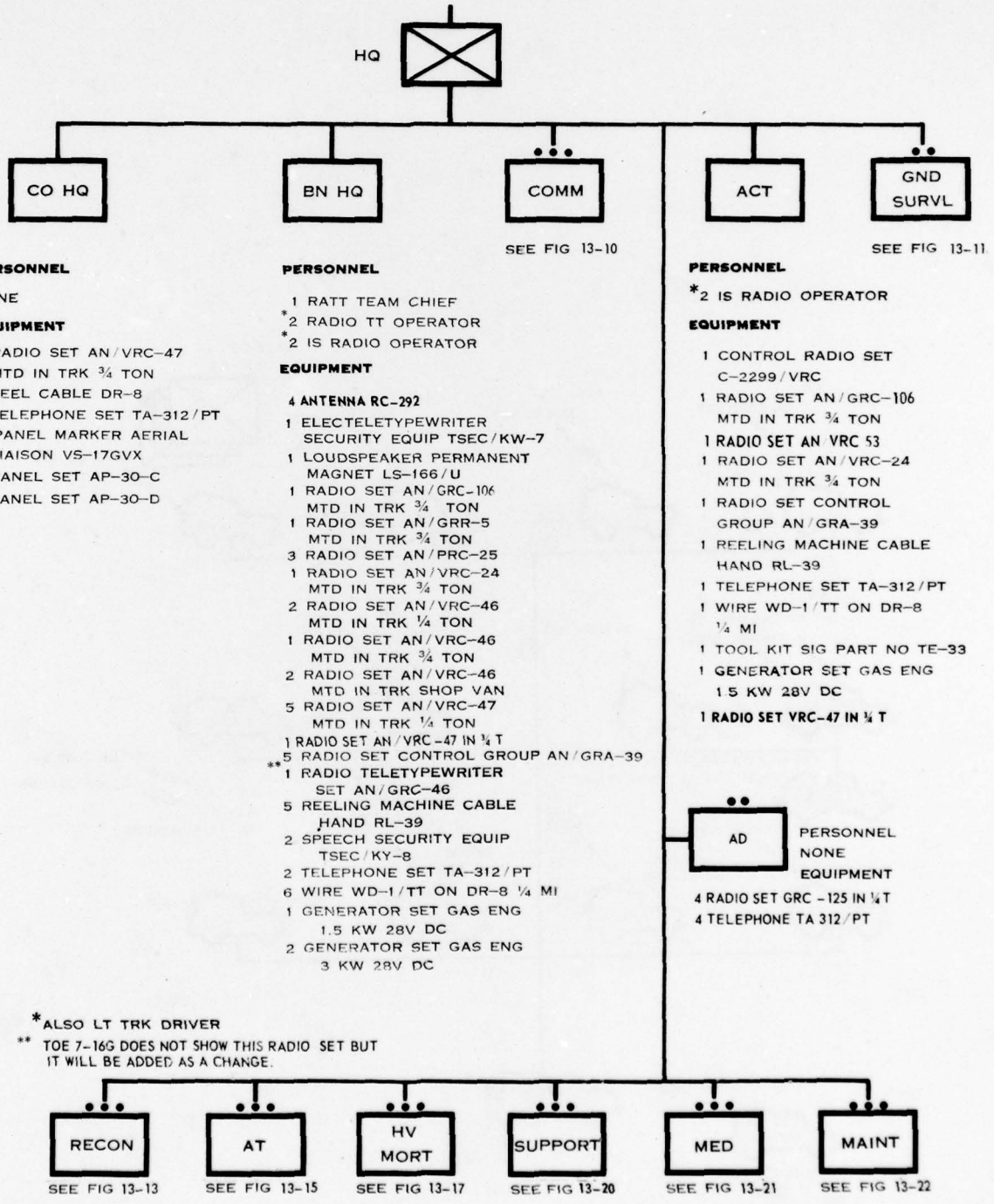


Figure 13-6. Communication Personnel and Equipment, Headquarters and Headquarters Company, Infantry Battalion.

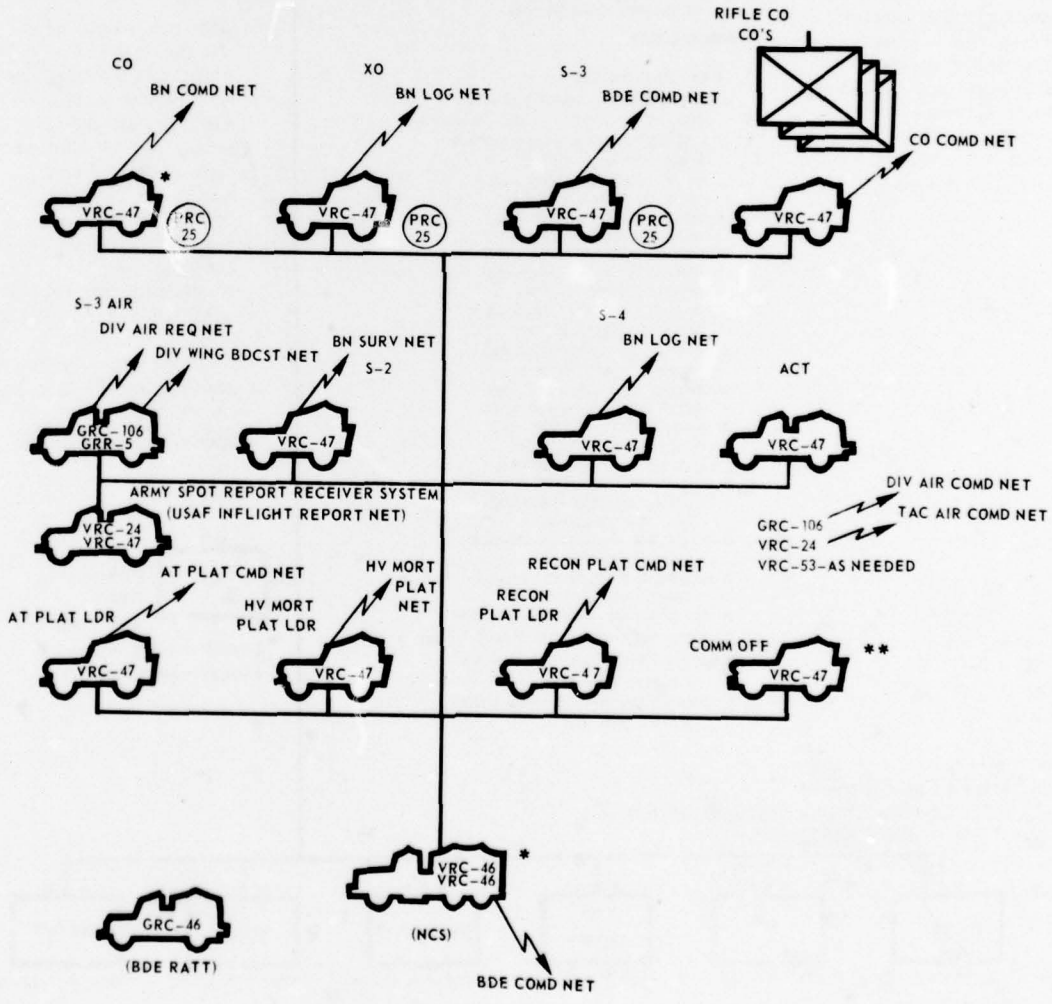


Figure 13-7. Type Command Net, Infantry Battalion.

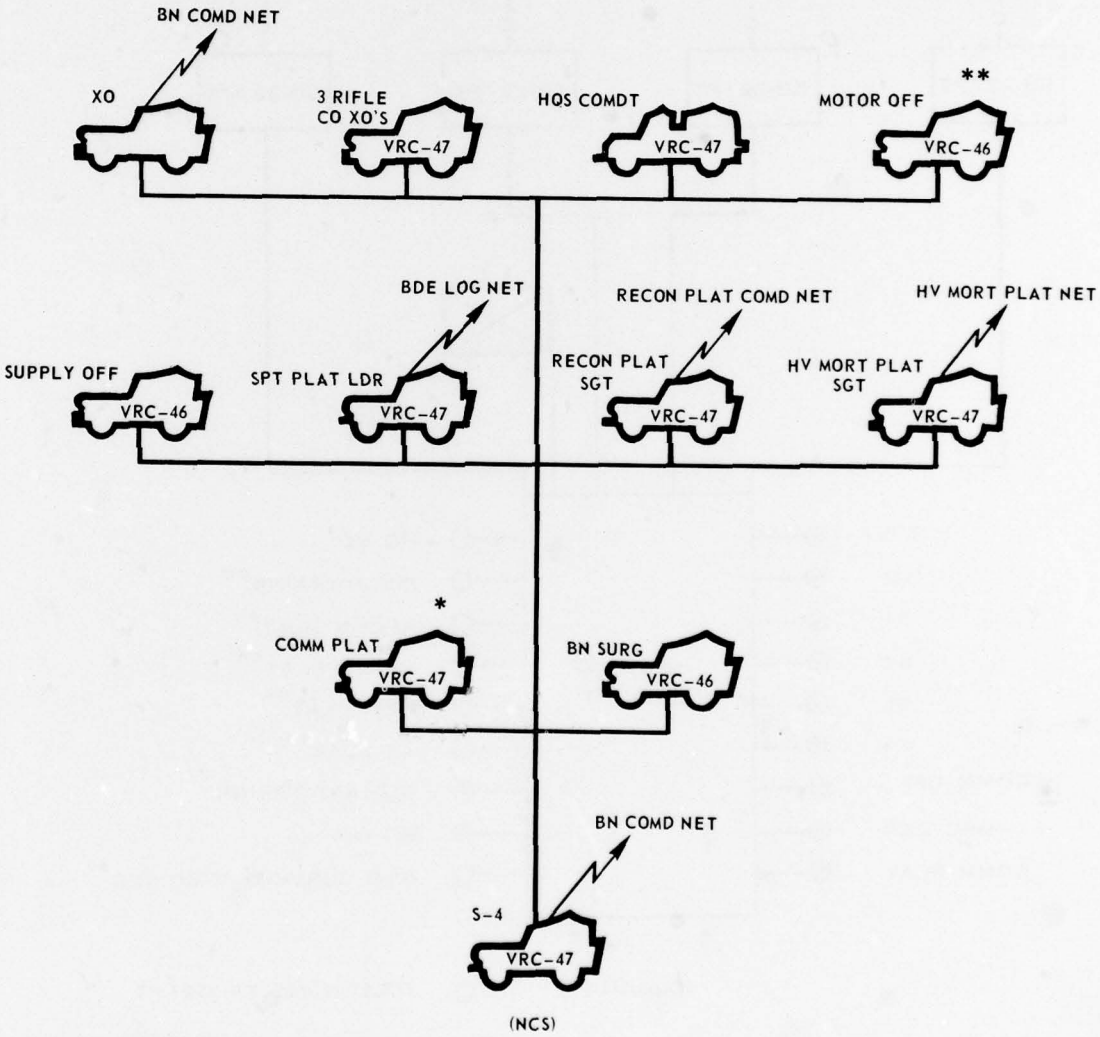
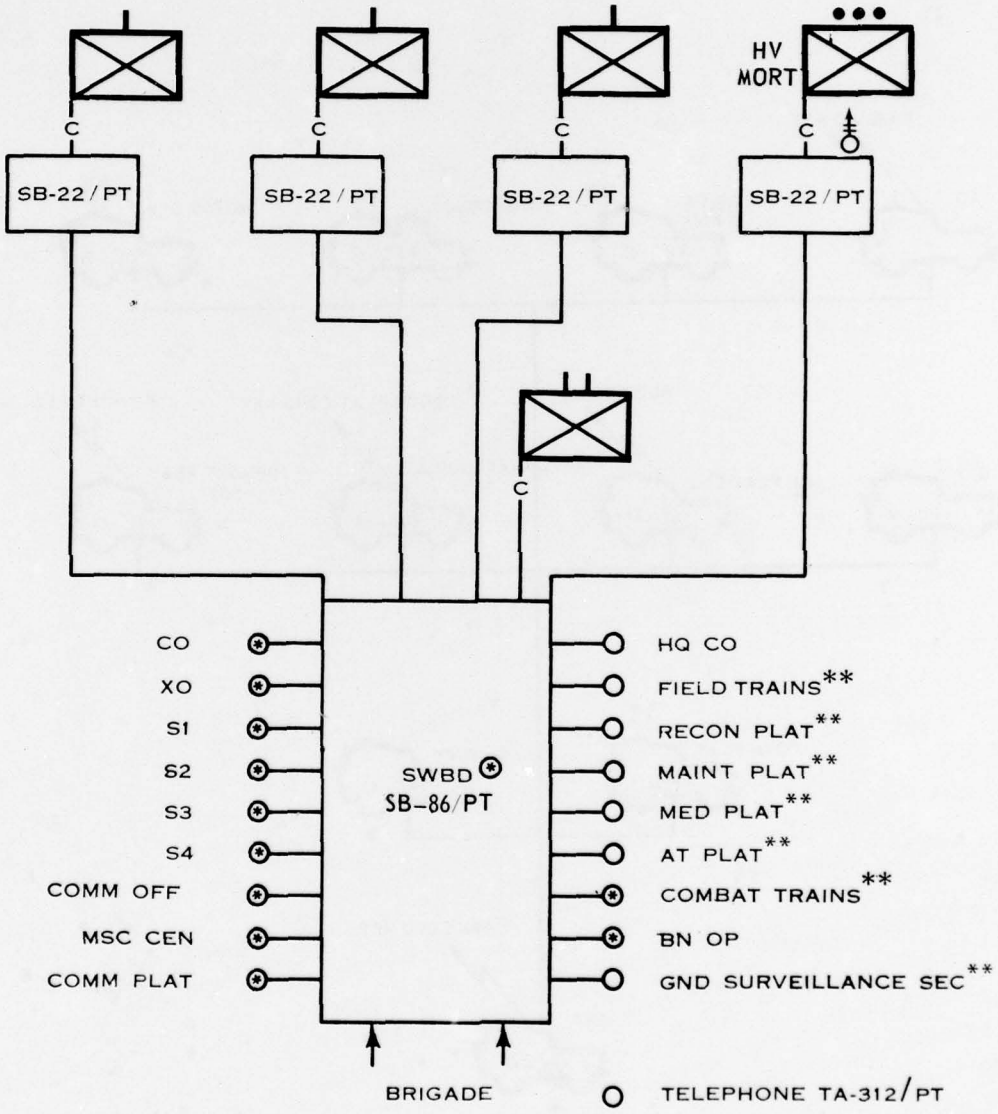


Figure 13-8. Type Logistical Net, Infantry Battalion.



*ORGANIC TO COMMUNICATION PLATOON
**TIE INTO BN WIRE SYSTEM
AT NEAREST SWITCHBOARD

Figure 13-9. Type Wire System, Infantry Battalion.



PERSONNEL

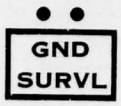
1 COMM CHIEF
1 WIRE FOREMAN
2 WIRE TEAM CHIEF
1 RADAR MECHANIC
1 SR RADIO MECHANIC
*2 RADIO MECHANIC
1 SR MESSAGE CLERK
1 SR SWBD OPERATOR
2 SENIOR WIREMAN
**1 LT TRUCK DRIVER
3 MESSAGE CLERK
2 MOTOR MESSENGER
*2 SWITCHBOARD OP
*4 WIREMAN

EQUIPMENT

2 ANTENNA RC-292
4 ANTENNA AT-984/G
5 CASE BC-5
2 CIPHER MACHINE TSEC/KL-7
2 LOUDSPEAKER PERMANENT MAGNET LS-166/U
3 MULTIMETER AN/URM-105
1 RADIO SET AN/VRC-47 MTD IN TRK ¾ TON
1 RADIO SET AN/VRC-49 MTD IN TRK ¼ TON
2 RADIO SET CONTROL GROUP AN/GRA-39
4 REEL CABLE DR-8
4 REEL CABLE RL-159/U
4 REEL EQUIPMENT CE-11
4 REELING MACHINE CABLE HAND RL-27
2 REELING MACHINE CABLE HAND RL-31
2 REELING MACHINE CABLE HAND RL-39
3 REELING MACHINE CABLE MOTOR DRIVEN RL-172/G
3 SPLICING KIT TELEPHONE CABLE MK-356/G
2 SWITCHBOARD TELEPHONE MANUAL SB-22/PT
1 SWITCHBOARD TELEPHONE TERMINAL SB-86/PT
23 TELEPHONE SET TA-312/PT
8 TERMINAL BOARD TM-184
1 TEST SET ELECTRON TUBE TV-7/U
1 TEST SET ELECTRONIC CIRCUIT AN/GRM-55
1 TEST SET RADIO AN/VRM-1
3 TOOL KIT RADIO REPAIRMAN TK-115/U
1 TOOL KIT RADAR AND RADIO REPAIRMAN TK-87/U
1 INVERTER VIBRATOR PP-68/U
2 WIRE WD-1/TT ON DR-8 ¼ MI
36 WIRE WD-1/TT IN MX-306/G
16 WIRE WD-1/TT ON RL-159/U
1 GENERATOR SET GAS ENG 1.5 KW 28V DC
1 CLOCK MESSAGE CENTER M-2
1 PANEL SET AP-30-C
1 PANEL SET AP-30-D
6 CRYSTAL UNIT SET CK6 PRC 6
1 INDICATOR ID 292

*ALSO LT TRK DRIVER
** ALSO RADIOTELEPHONE OPERATOR

Figure 13-10. Communication Personnel and Equipment, Communications Platoon, Infantry Battalion.



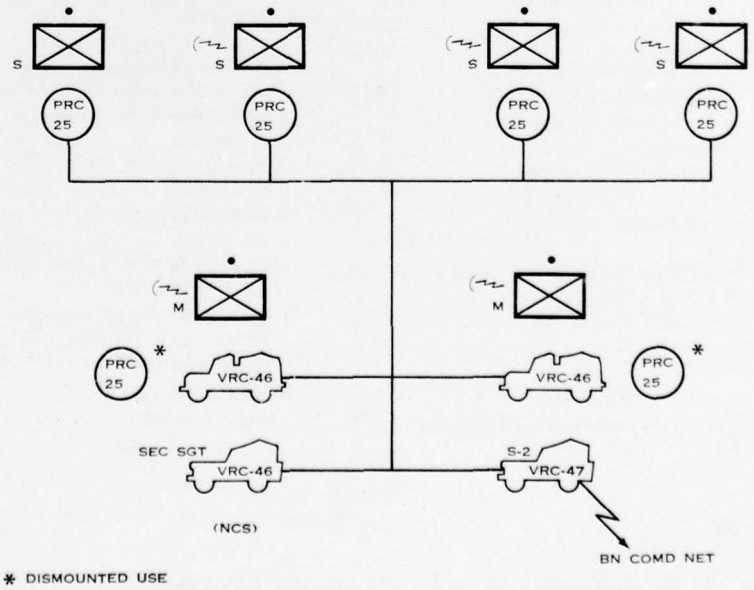
PERSONNEL

NONE

EQUIPMENT

4 GENERATOR SET GASOLINE PU-532/PPS
2 GENERATOR SET GASOLINE PU-422/U
4 RADAR SET AN/PPS-4
2 RADAR SET AN/TPS-33
6 RADIO SET AN/PRC-25
1 RADIO SET AN/VRC-46 MTD IN 1/4 T TRK
2 RADIO SET AN/VRC-46 MTD IN 3/4 T TRK
6 REELING MACHINE CABLE HAND RL-39
6 TELEPHONE SET TA-312/PT
1 TEST SET AN/UPM-93
6 WIRE WD-1/TT ON DR-8
6 SPLICING KIT TELEPHONE CABLE MK-356/G

Figure 13-11. Communication Personnel and Equipment, Ground Surveillance Section, Infantry Battalion.



* DISMOUNTED USE

Figure 13-12. Type Radio Net, Ground Surveillance Section, Infantry Battalion.

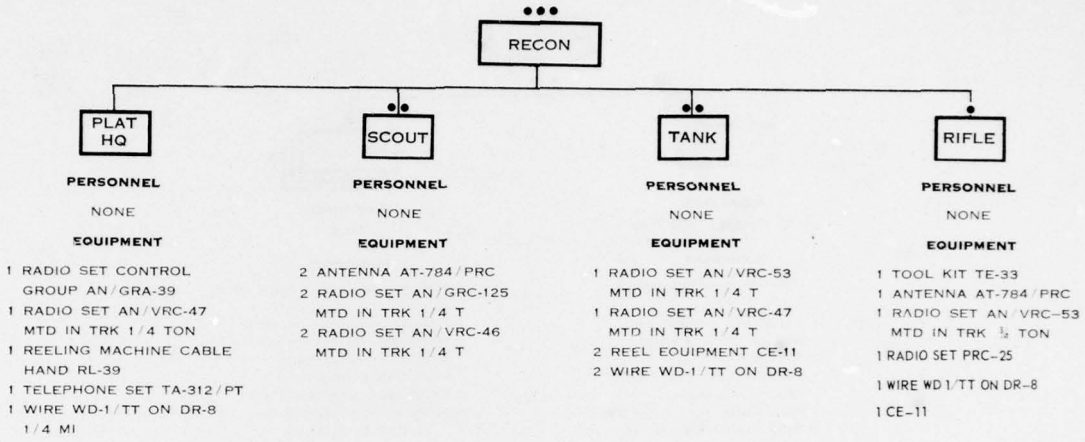


Figure 13-13. Communication Personnel and Equipment, Reconnaissance Platoon, Infantry Battalion.

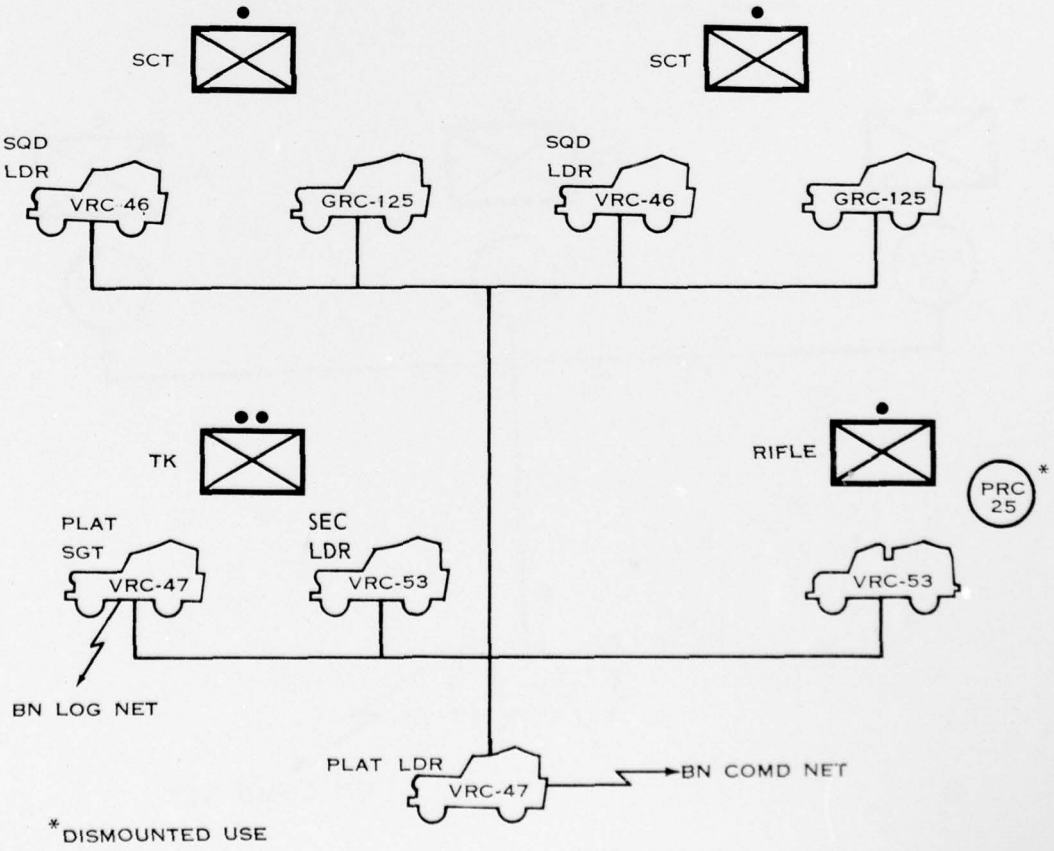


Figure 13-14. Type Radio Net, Reconnaissance Platoon, Infantry Battalion.

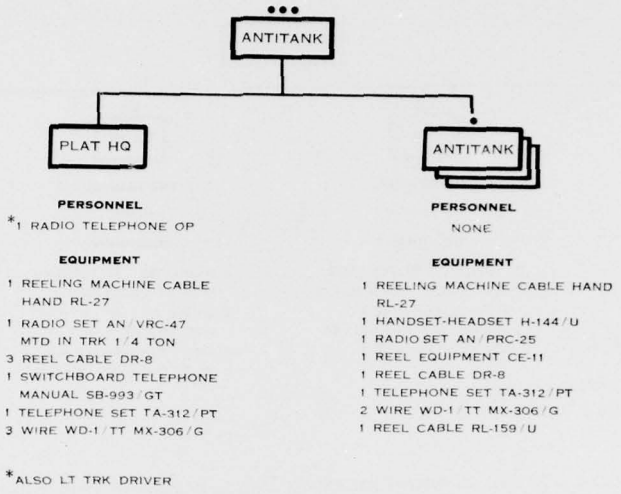


Figure 13-15. Communication Personnel and Equipment, Antitank Platoon, Infantry Battalion.

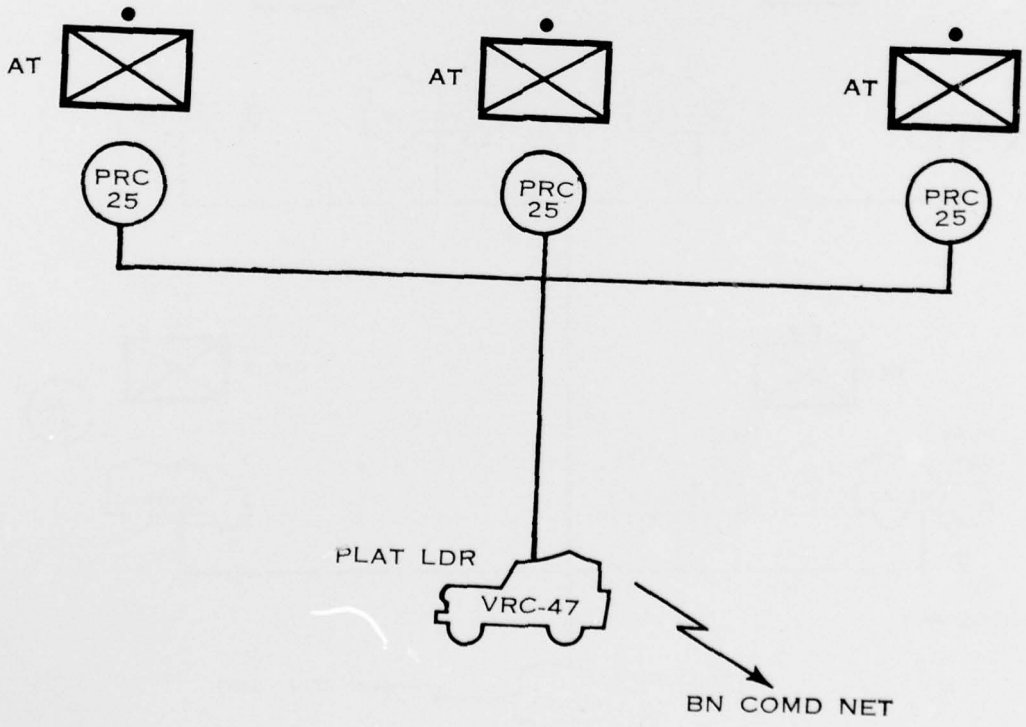
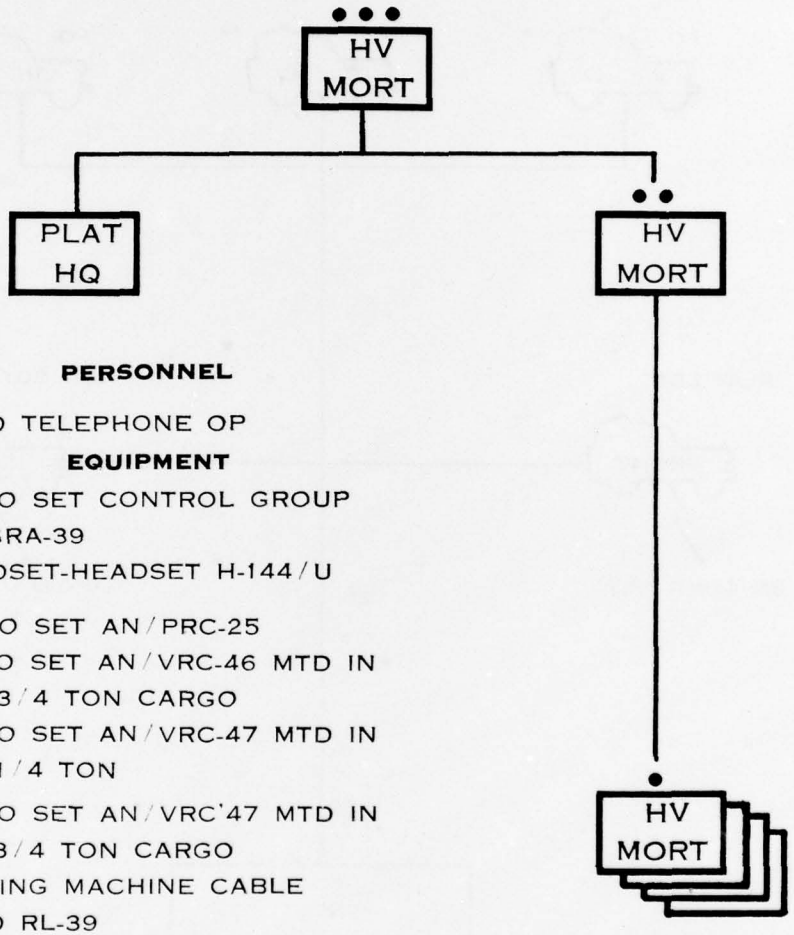


Figure 13-16. Type Radio Net, Antitank Platoon, Infantry Battalion.



PERSONNEL

*4 RAD TELEPHONE OP

EQUIPMENT

8 RADIO SET CONTROL GROUP AN/GRA-39
2 HANDSET-HEADSET H-144/U
3 RADIO SET AN/PRC-25
1 RADIO SET AN/VRC-46 MTD IN TRK 3/4 TON CARGO
5 RADIO SET AN/VRC-47 MTD IN TRK 1/4 TON
1 RADIO SET AN/VRC-47 MTD IN TRK 3/4 TON CARGO
2 REELING MACHINE CABLE HAND RL-39
3 REEL EQUIPMENT CE-11
1 SWITCHBOARD TELEPHONE MANUAL SB-993/GT
1 SWITCHBOARD TELEPHONE MANUAL SB-22/PT
9 TELEPHONE SET TA-312/PT
8 WIRE WD-1/TT ON DR-8 1/4 MI

*ALSO LT TRK DRIVER

PERSONNEL

NONE

EQUIPMENT

1 REEL EQUIPMENT CE-11
1 WIRE WD-1/TT ON DR-8

Figure 13-17. Communication Personnel and Equipment, Heavy Mortar Platoon, Infantry Battalion.

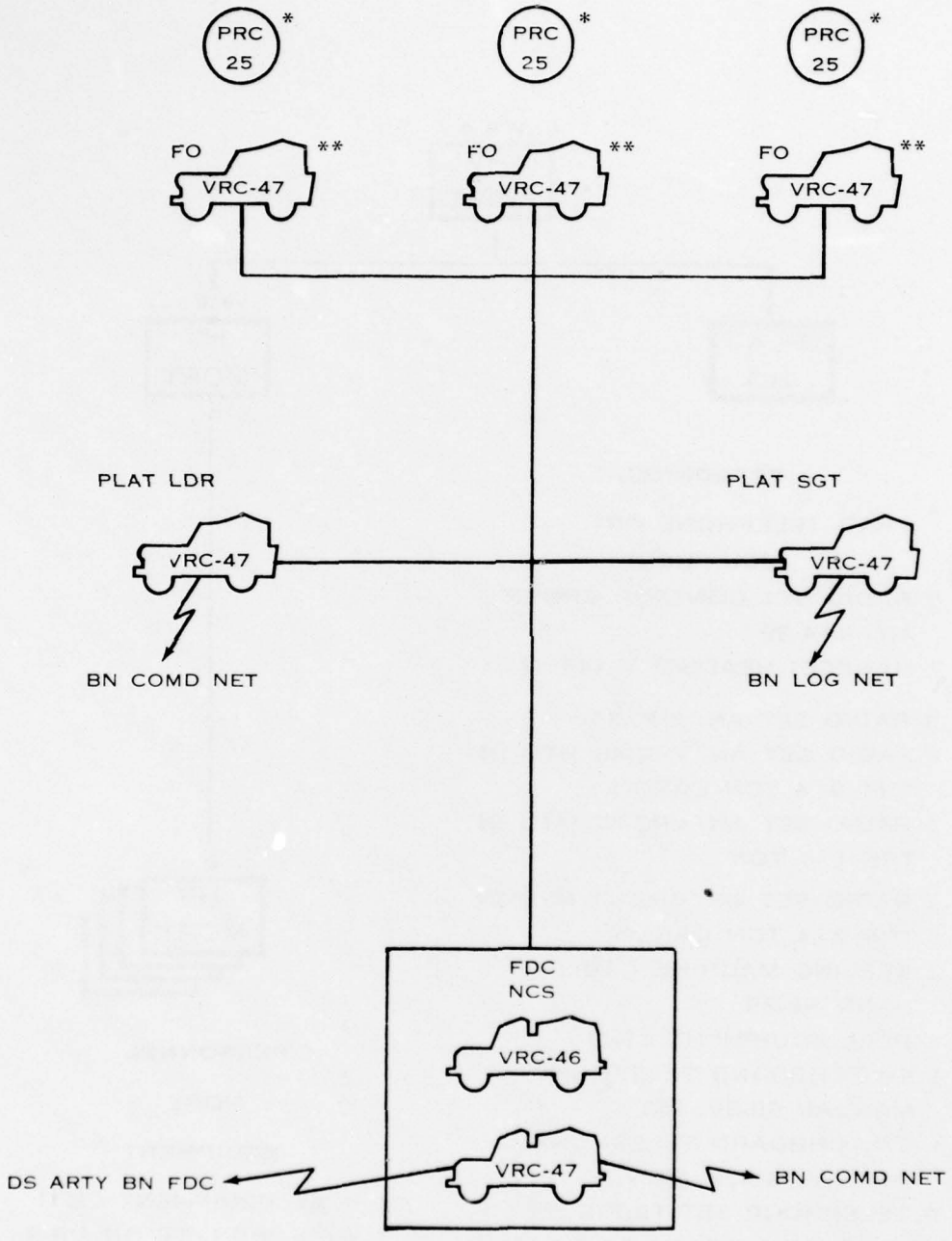


Figure 13-18. Type Fire Direction Net, Heavy Mortar Platoon, Infantry Battalion.

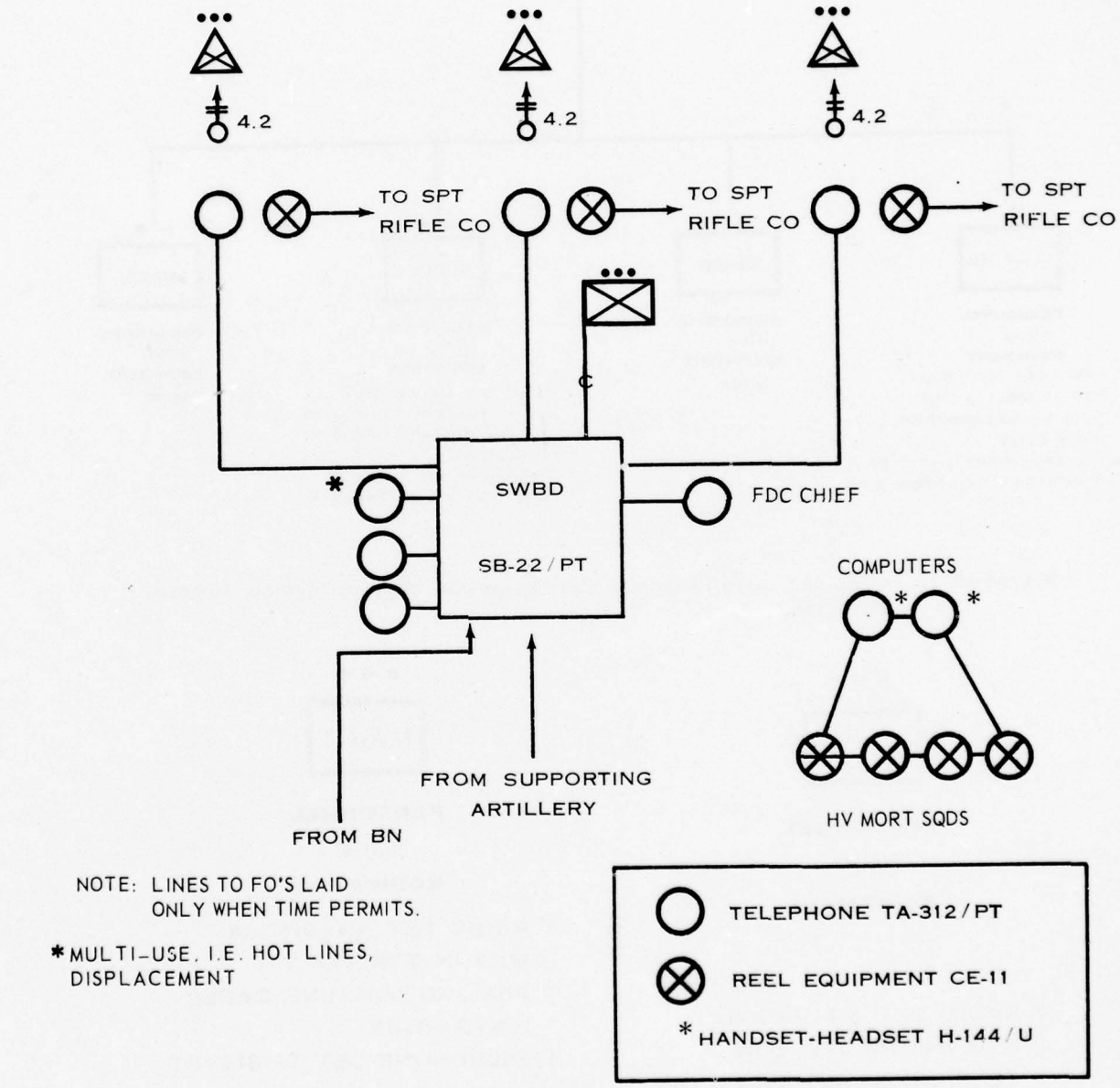


Figure 13-19. Type Wire System, Heavy Mortar Platoon, Infantry Battalion.

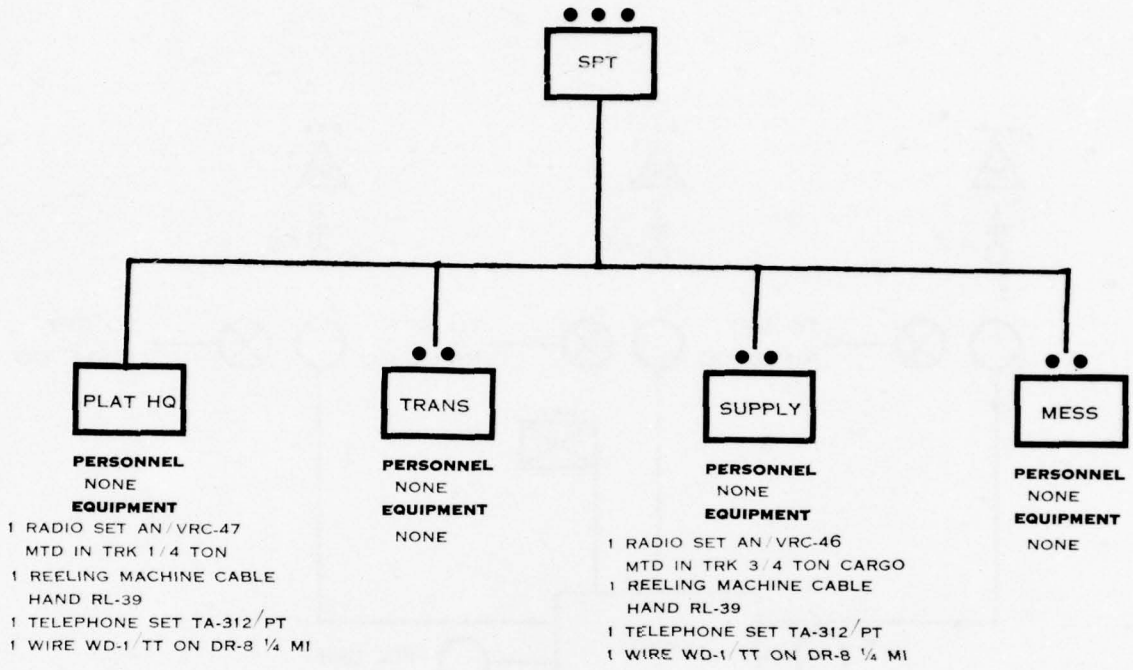


Figure 13-20. Communication Personnel and Equipment, Support Platoon, Infantry Battalion.

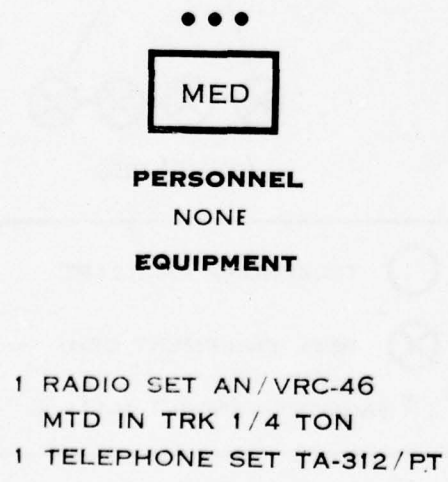


Figure 13-21. Communication Personnel and Equipment, Medical Platoon, Infantry Battalion.

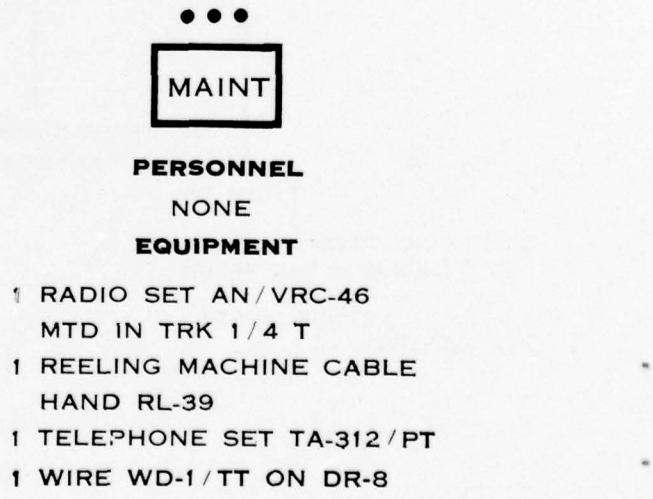


Figure 13-22. Communication Personnel and Equipment, Maintenance Platoon, Infantry Battalion.

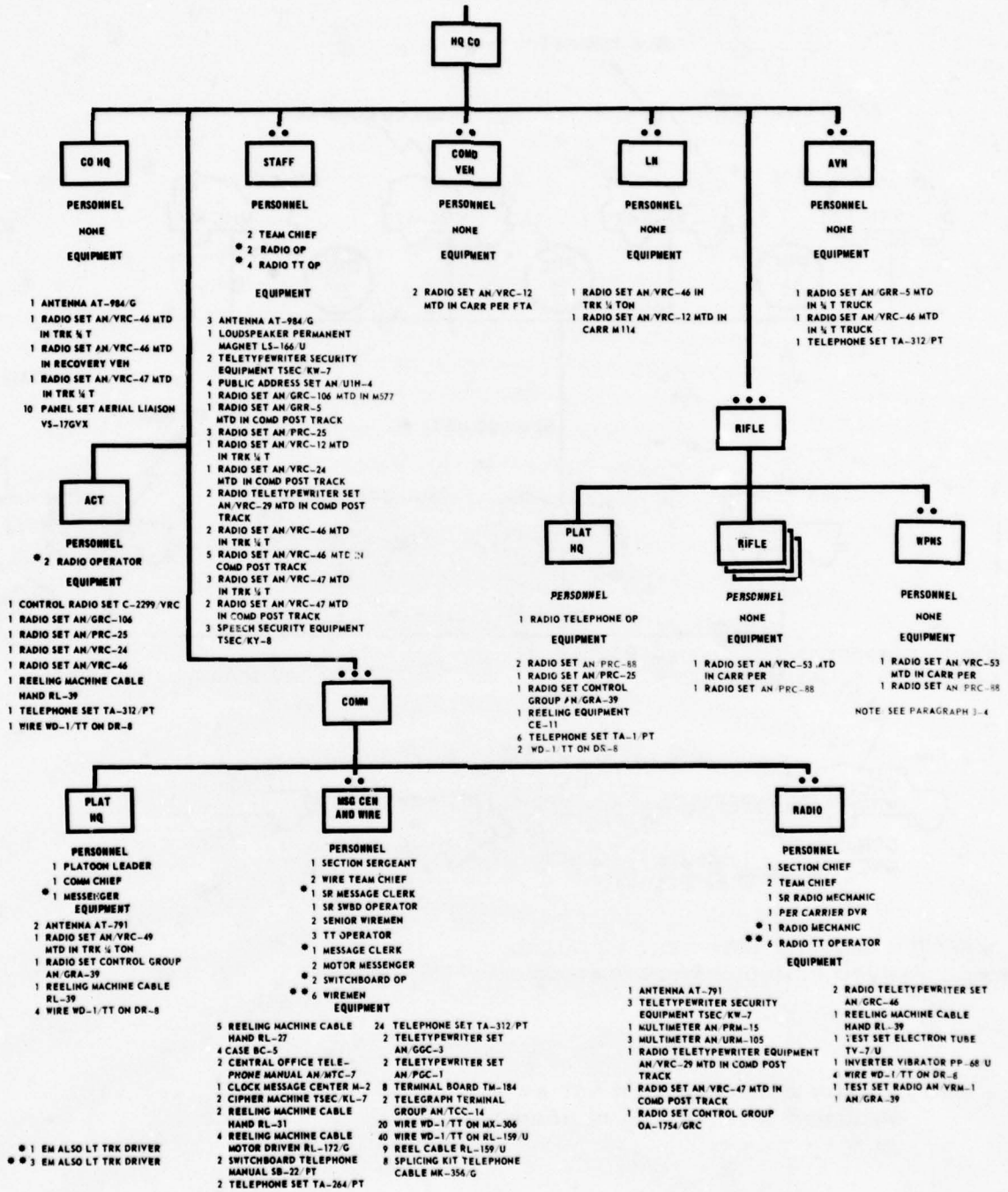
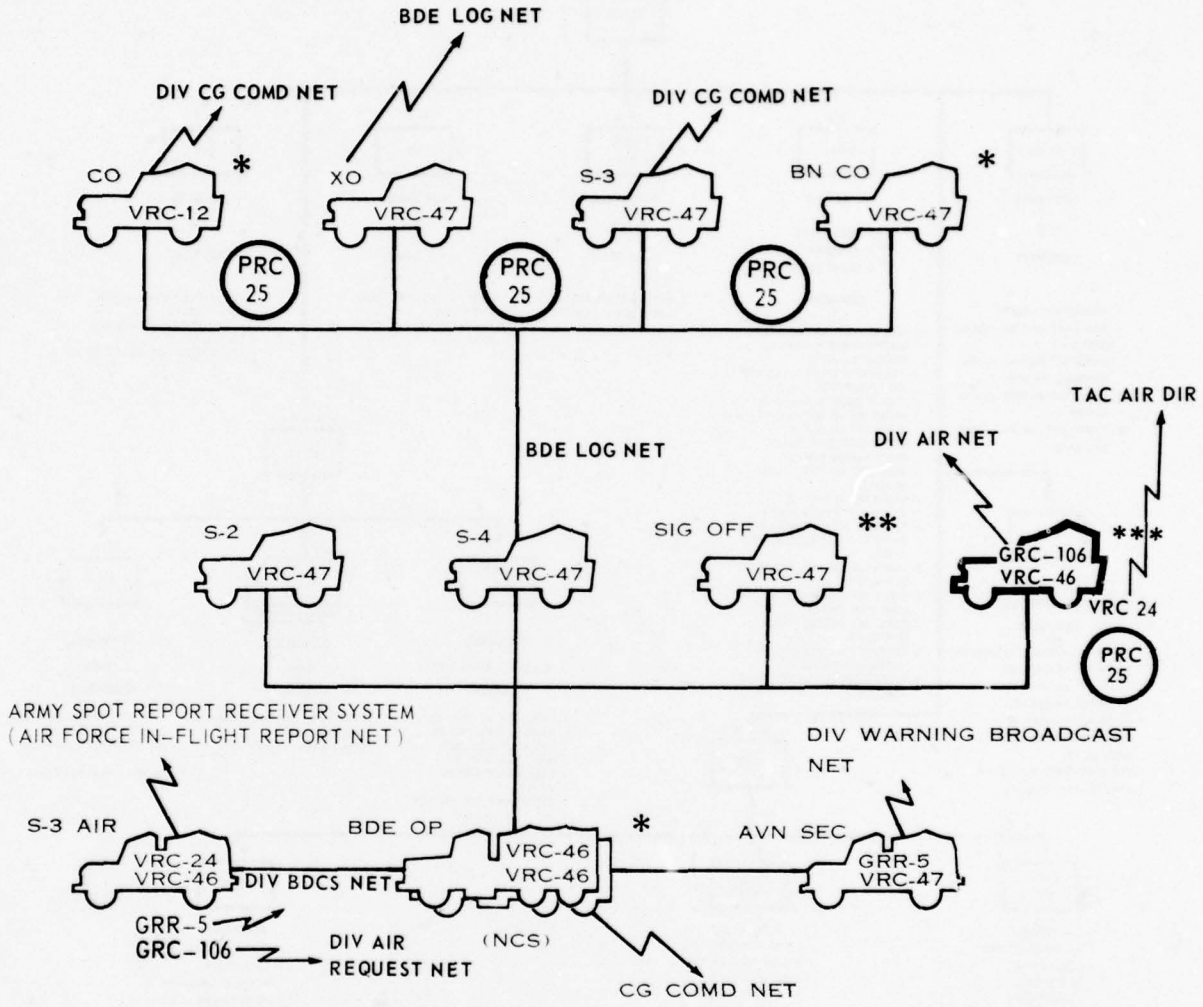


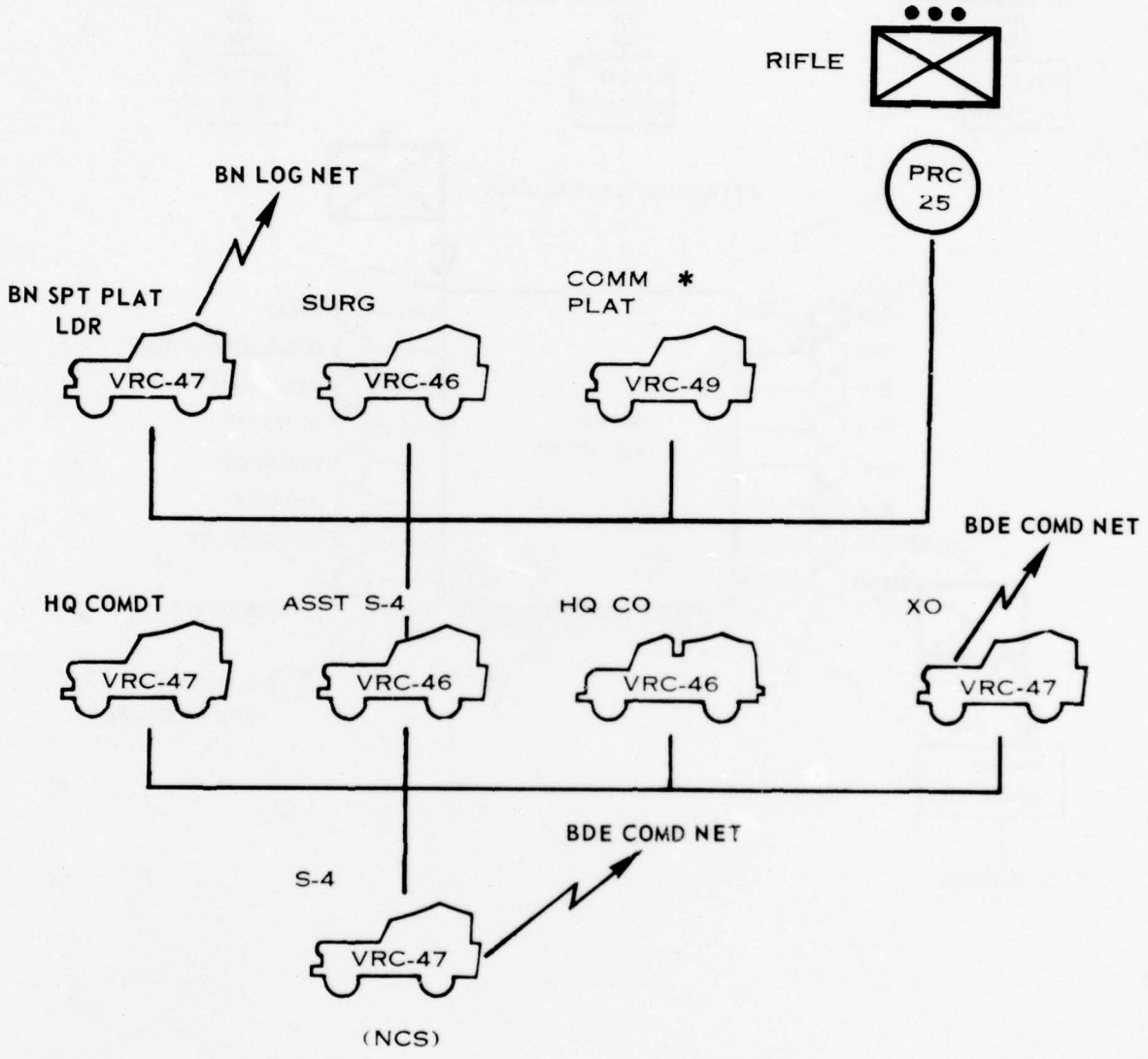
Figure 13-23. Communication Personnel and Equipment, Headquarters and Headquarters Company, Infantry Brigade.



* SPEECH SECURITY EQUIPMENT INSTALLED.
** ORGANIC TO COMMUNICATION PLATOON.

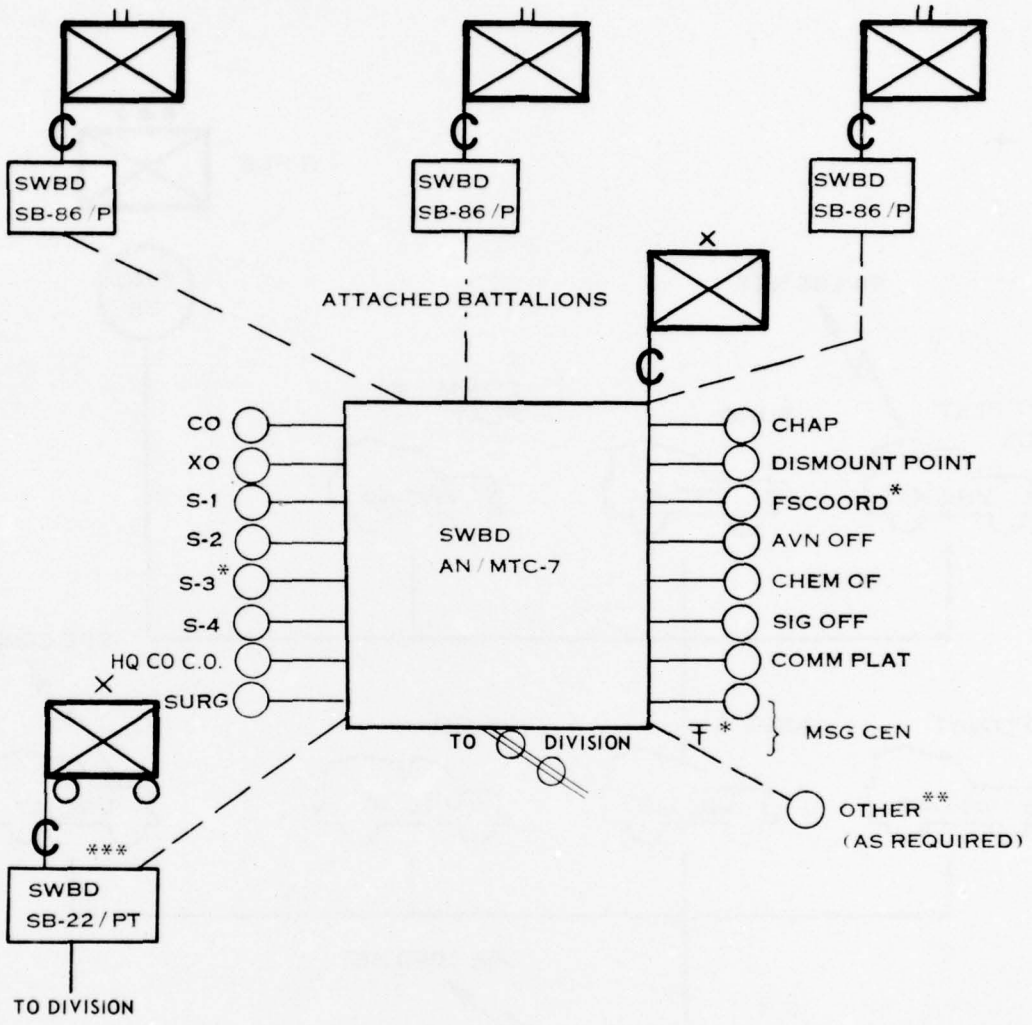
NOTE: LIAISON OFFICERS ENTER NET AS REQUIRED WITH AN/VRC-46 MOUNTED IN 1/4 T TRUCKS.

Figure 13-24. Type Command Net, Infantry Brigade.



* WHEN NOT EMPLOYED IN RETRANSMISSION ROLE

Figure 13-25. Type Logistical Net, Infantry Brigade.



NOTES:
*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.
**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.
***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 13-26. Type Wire System, Infantry Brigade.

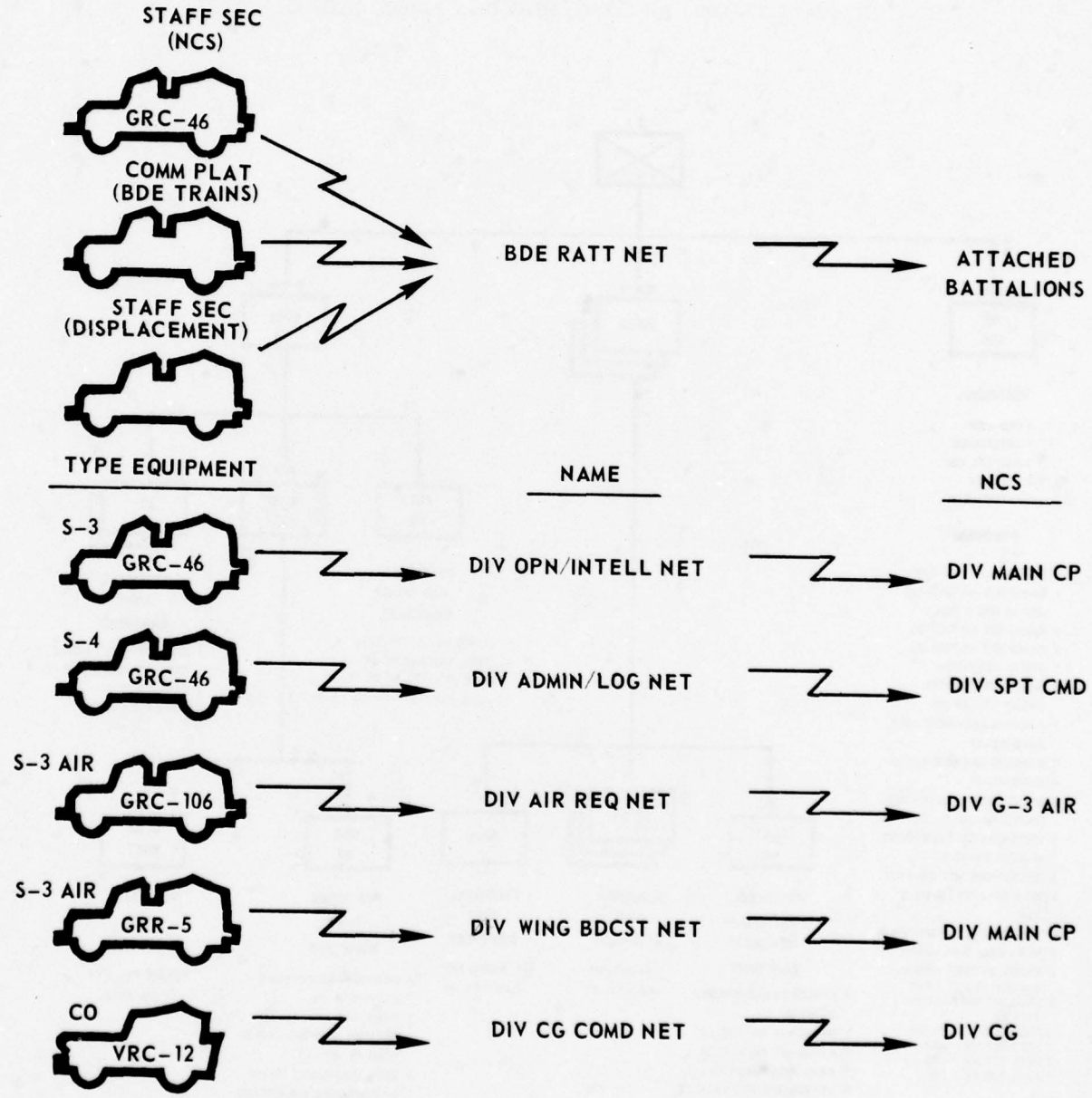


Figure 13-27. Type Employment, AM Radio Equipment, Infantry Brigade.

CHAPTER 14

COMMUNICATIONS - AIRBORNE INFANTRY BATTALIONS AND BRIGADES

TOE--HHC Bde - 57-42G, Bn 7-35G; HHC Bn - 7-36G, Rifle Co - 7-37G

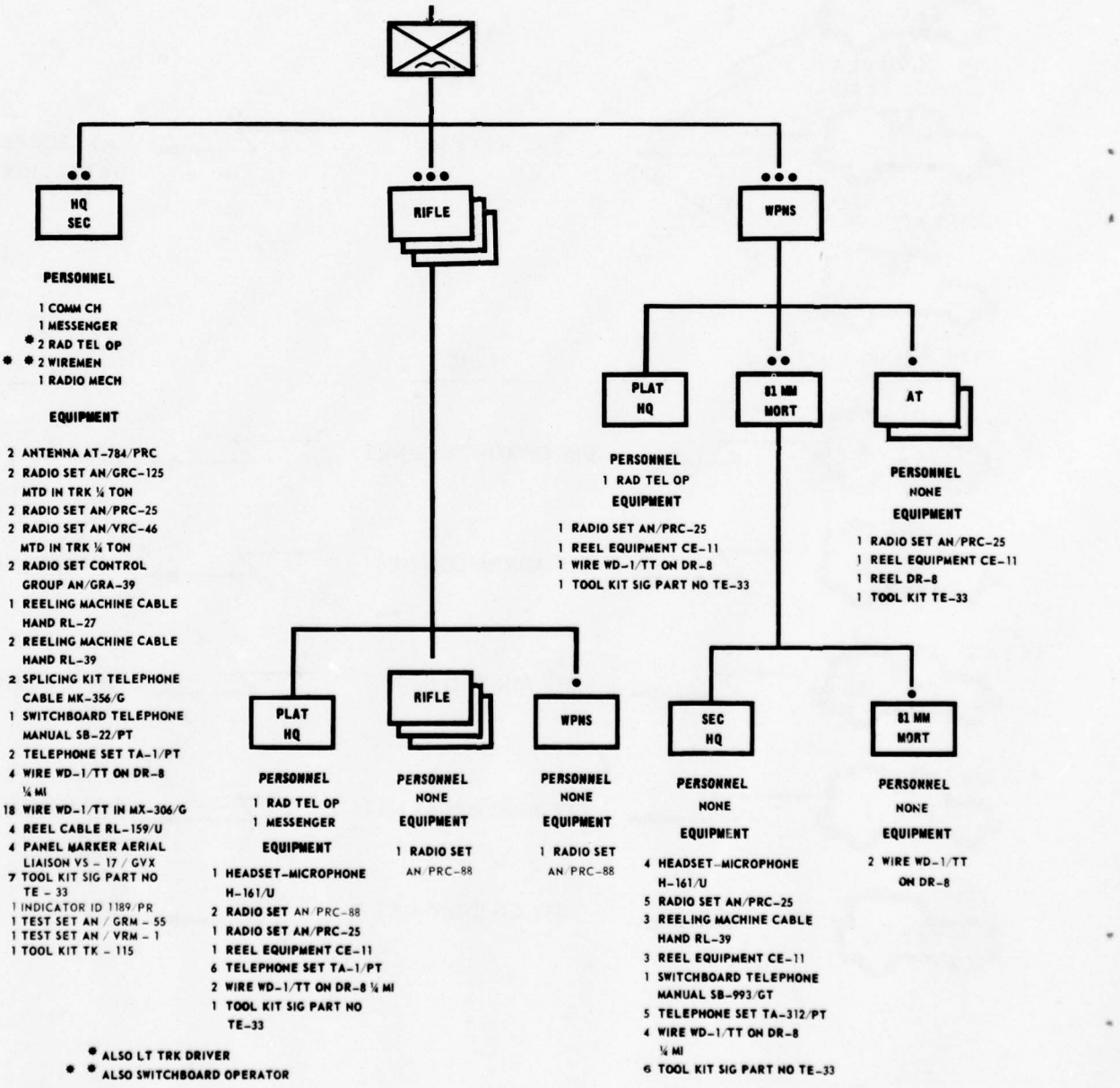


Figure 14-1. Communication Personnel and Equipment, Rifle Company Airborne Battalion.

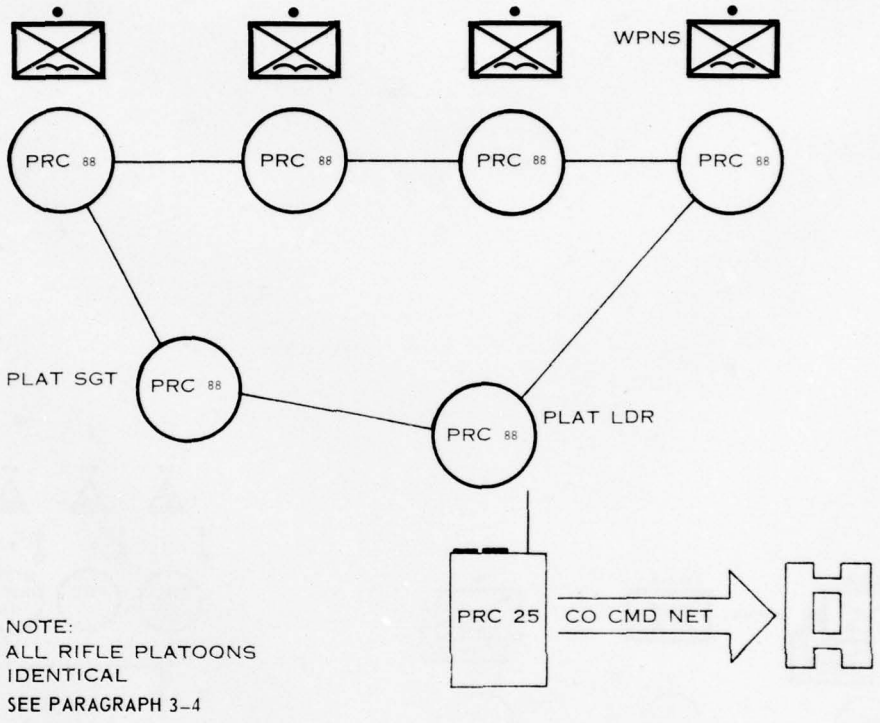


Figure 14-2. Type Rifle Platoon Command Net, Rifle Company, Airborne Infantry Battalion.

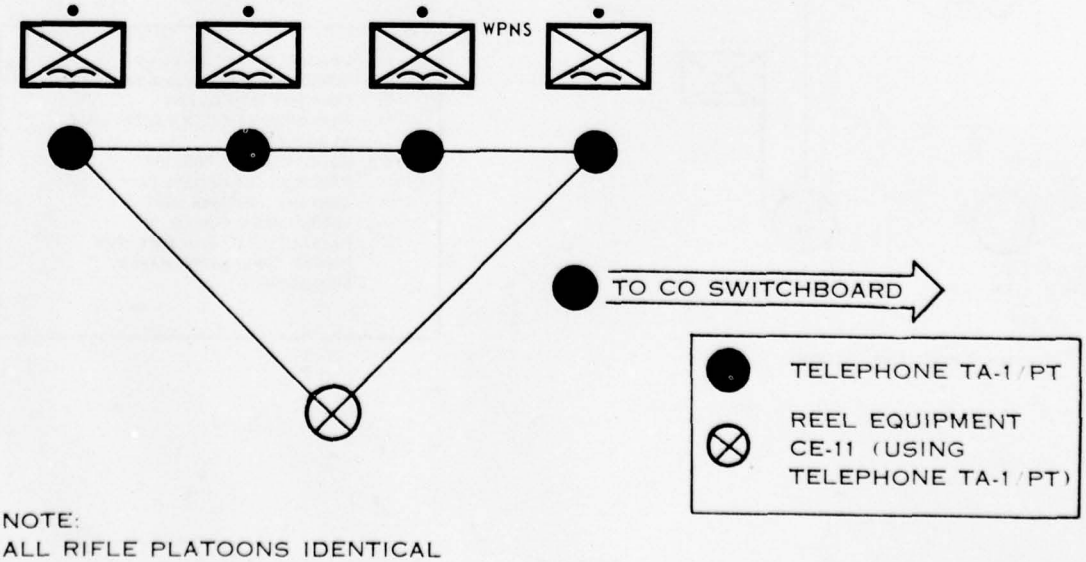


Figure 14-3. Type Rifle Platoon Wire System, Rifle Company, Airborne Infantry Battalion.

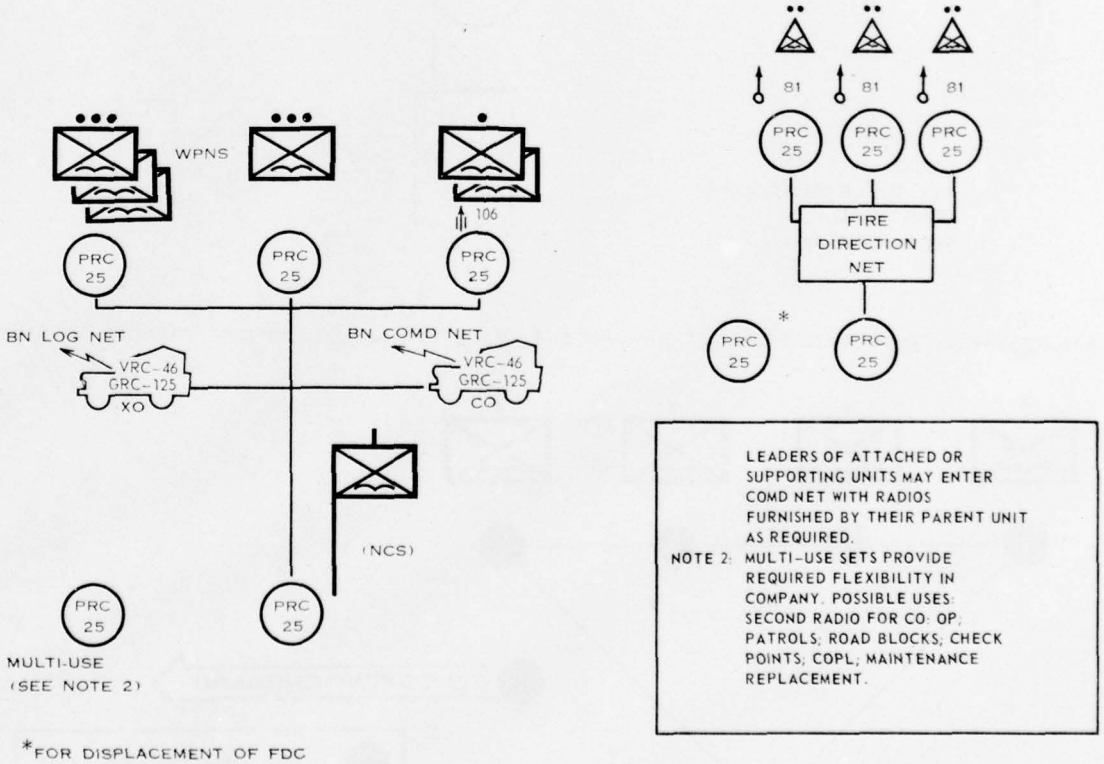


Figure 14-4. Type Radio Nets, Rifle Company, Airborne Infantry Battalion.

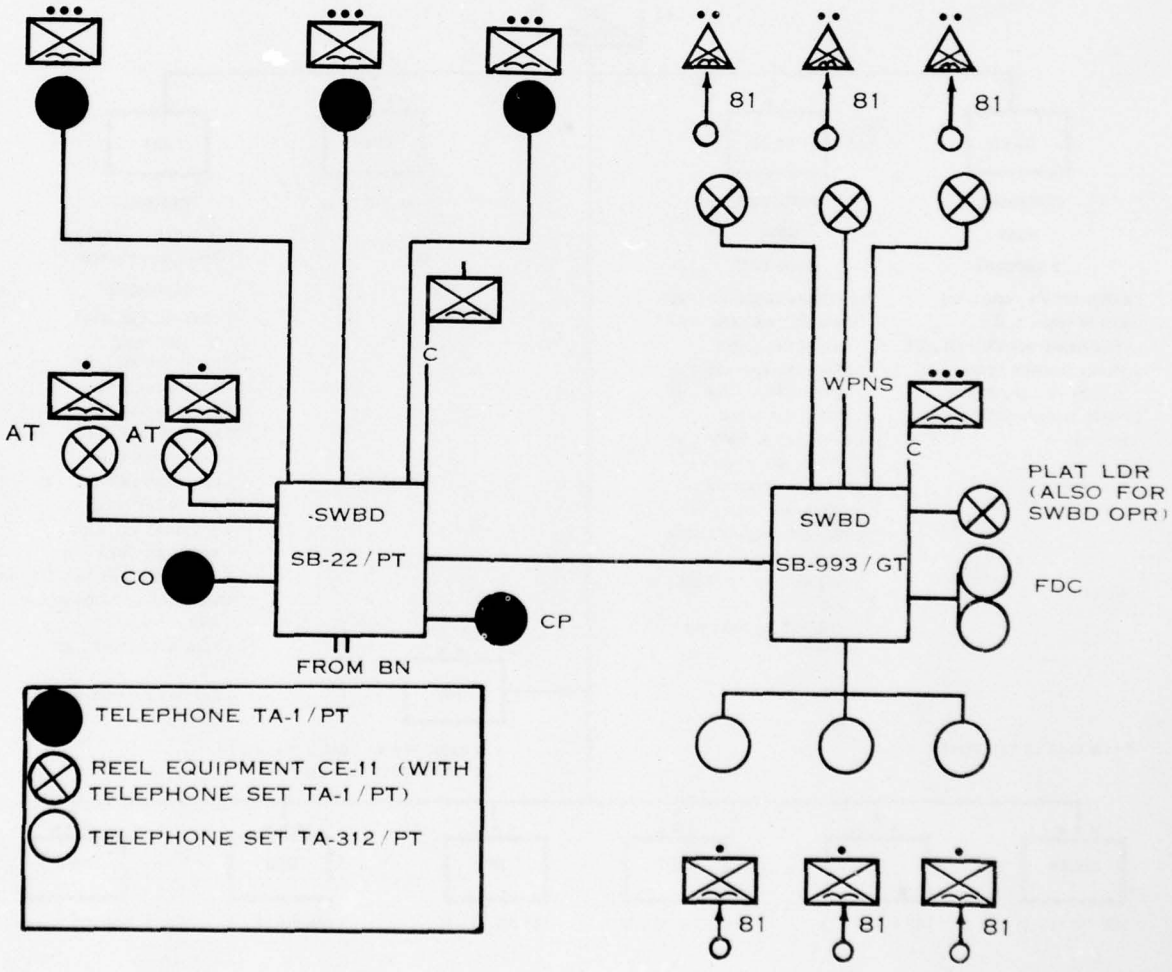


Figure 14-5. Type Wire System, Rifle Company, Airborne Infantry Battalion.

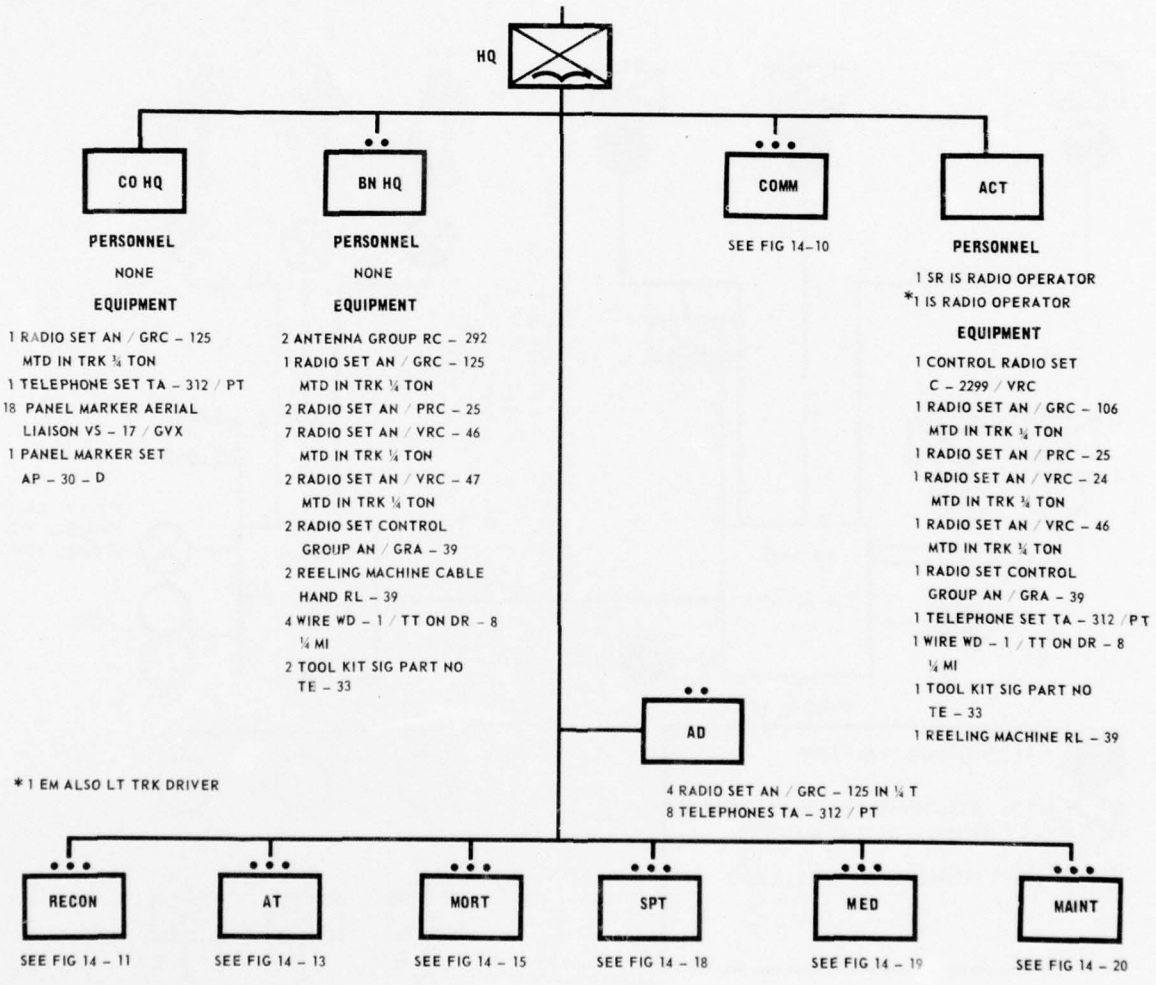
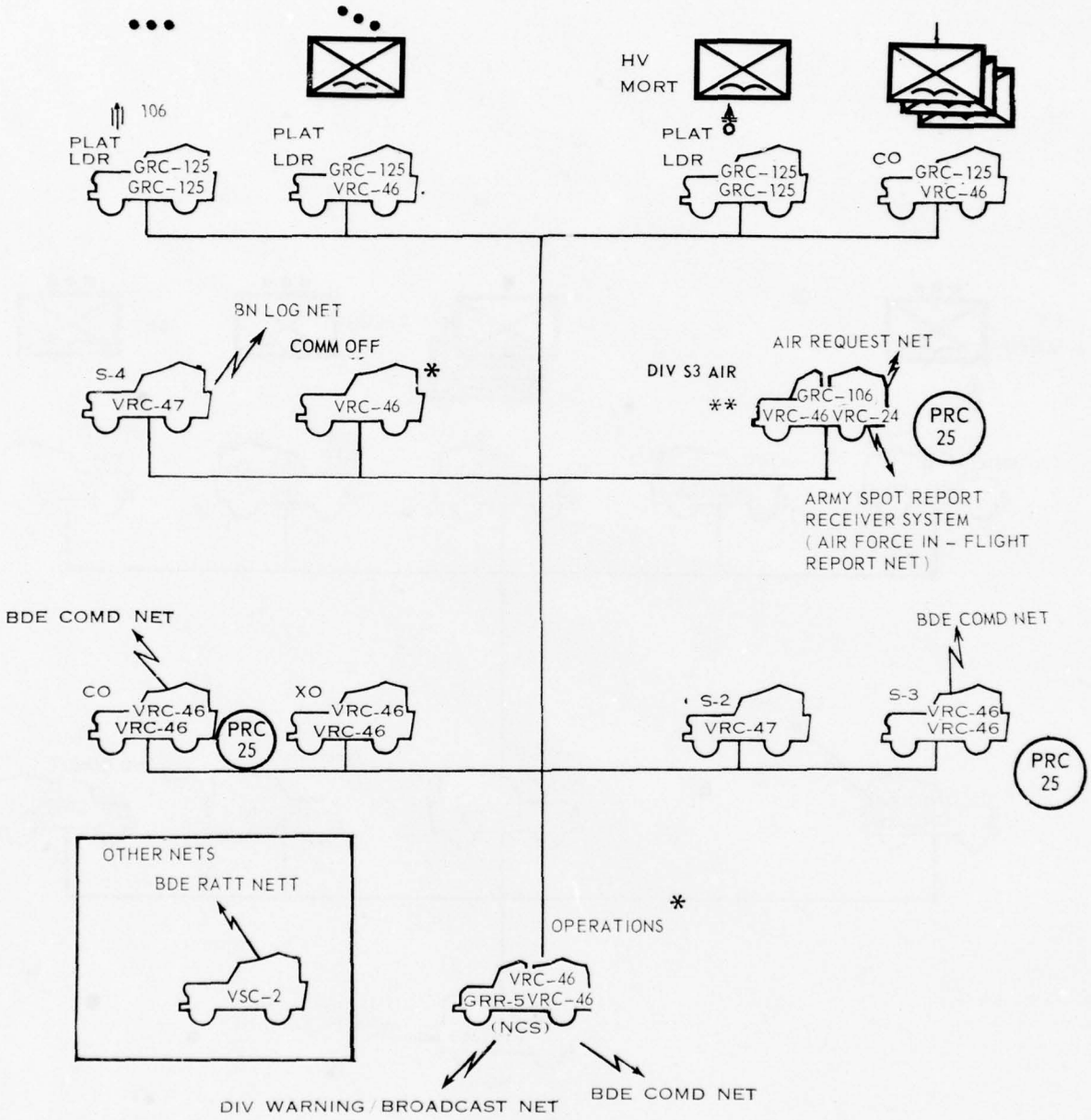


Figure 14-6. Communication Personnel and Equipment, Headquarters and Headquarters Company, Airborne Infantry Battalion.

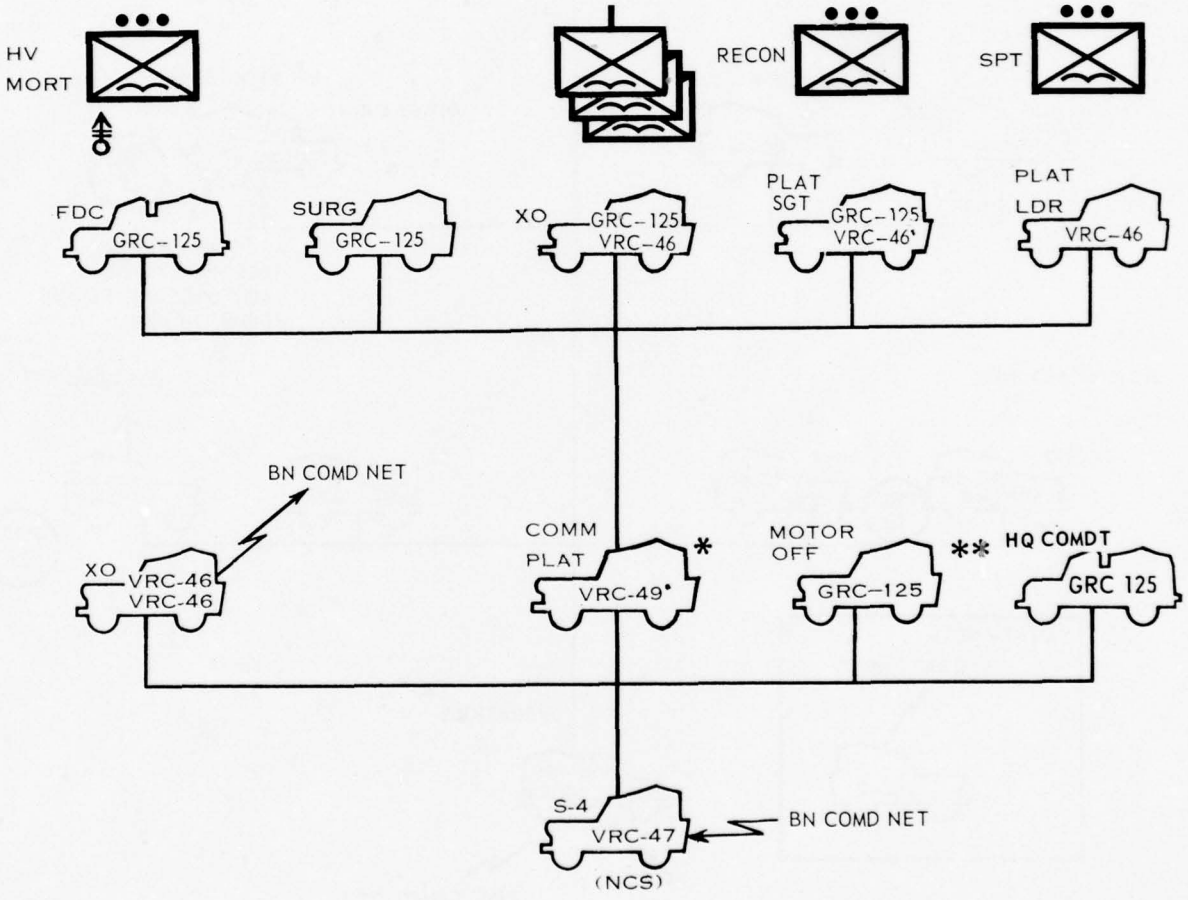


* EQUIPMENT ORGANIC TO COMMUNICATION PLATOON

** EQUIPMENT ORGANIC TO AIR CONTROL TEAM

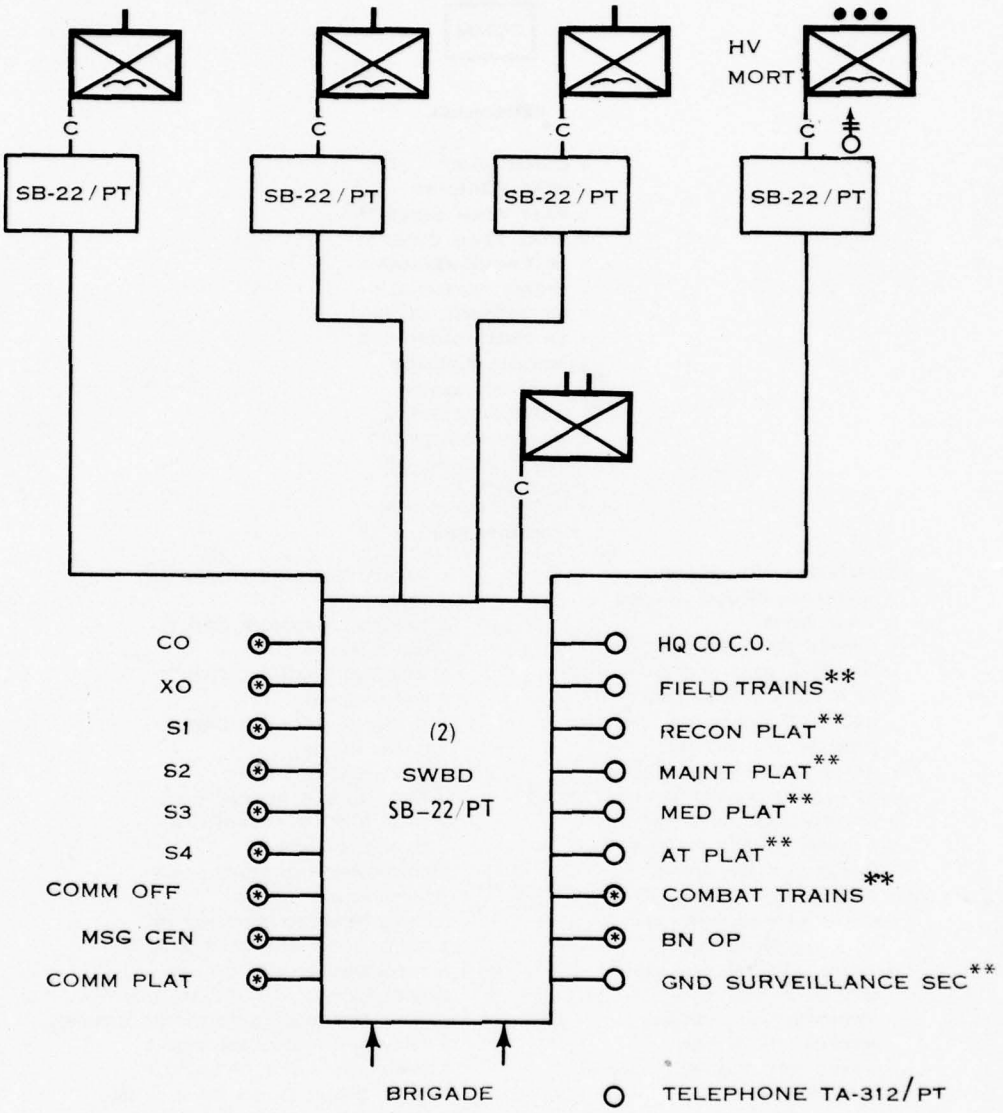
NOTE: LIAISON OFFICERS ENTER NET AS REQUIRED WITH ONE VRC-46 MTD IN $\frac{1}{4}$ T TRUCK AND ONE GRC-125 MTD IN $\frac{1}{4}$ T TRUCK
AIR DEFENSE TEAMS ENTER NET AS REQUIRED

Figure 14-7. Type Command Net, Airborne Infantry Battalion.



* RETRANSMISSION AND RELAY STATION.
**ORGANIC TO MAINTENANCE PLATOON.

Figure 14-8. Type Logistical Net, Airborne Infantry Battalion.



*ORGANIC TO COMMUNICATION PLATOON
**TIE INTO BN WIRE SYSTEM
AT NEAREST SWITCHBOARD

Figure 14-9. Type Wire System, Airborne Infantry Battalion.



PERSONNEL

1 COMM CHIEF
1 WIRE FOREMAN
1 RATT TEAM CHIEF
2 WIRE TEAM CHIEF
1 SR RADIO MECHANIC
2 RADIO MECHANIC
1 SR MESSAGE CLERK
1 SR SWBD OPERATOR
2 SENIOR WIREMEN
* 2 RATT OPERATOR
** 3 MESSAGE CLERKS
2 MOTOR MESSENGER
2 SWITCHBOARD OP
4 WIREMEN
* 4 RADIO TELEPHONE

EQUIPMENT

1 ANTENNA AT-784/PRC
4 ANTENNA GROUP RC-292
5 CASE BC-5
1 CIPHER MACHINE TSEC/KL-7
9 CRYSTAL UNIT SET CK-6/PRC-6
1 ELEC TELETYPEWRITER SECURITY EQUIP TSEC/KW-7
1 INDICATOR CHANNEL ALIGNMENT ID-292/PRC-6
1 KEYBOARD ADAPTER KLX-7/TSEC
3 MULTIMETER AN/URM-105
2 POWER SUPPLY PP-2953/U
1 RADIO SET AN/GRR-5 MTD IN TRK ¾ TON
1 RADIO SET AN/VRC-46 MTD IN TRK ¼ TON
2 RADIO SET AN/VRC-46 MTD IN TRK ¾ TON
1 RADIO SET AN/VRC-49 MTD IN TRK ¼ TON
3 RADIO SET CONTROL GROUP AN/GRA-39
1 RADIO SET CONTROL GROUP AN/GRA-74
1 RADIO TELETYPEWRITER SET AN/VSC-2
3 REELING MACHINE CABLE HAND RL-27
3 REELING MACHINE CABLE HAND RL-31
4 REELING MACHINE CABLE HAND RL-39
2 REEL CABLE DR-8
4 REEL CABLE RL-159/U
2 SPLICING KIT TELEPHONE CABLE MK-356/G
2 SWITCHBOARD TELEPHONE MANUAL SB-22/PT
1 TAPE READER TSEC/HL-1B
21 TELEPHONE SET TA-312/PT
8 TERMINAL BOARD TM-184
2 TEST SET ELEC TUBE TV-7/U
2 TEST SET ELEC CIRCUIT AN/GRM-55
2 TEST SET RADIO AN/VRM-1
2 VIBRATOR PACK PP-68/U
6 WIRE WD-1/TT ON DR-8 ¼ MI
36 WIRE WD-1/TT IN MX-306/G
16 WIRE WD-1/TT ON RL-159/U
1 CLOCK MESSAGE CENTER M2
14 TOOL SET SIG PART NO TE-33
3 TOOL SET RADIO REPAIR 32 COMP
1 PANEL SET AP-30-C
1 PANEL SET AP-30-D
3 GENERATOR SET GAS ENG 3 KW 28V DC

*ALSO LT TRK DRIVER
** 2 EM ALSO LT TRK DRIVER

Figure 14-10. Communication Personnel and Equipment, Communications Platoon, Airborne Infantry Battalion.

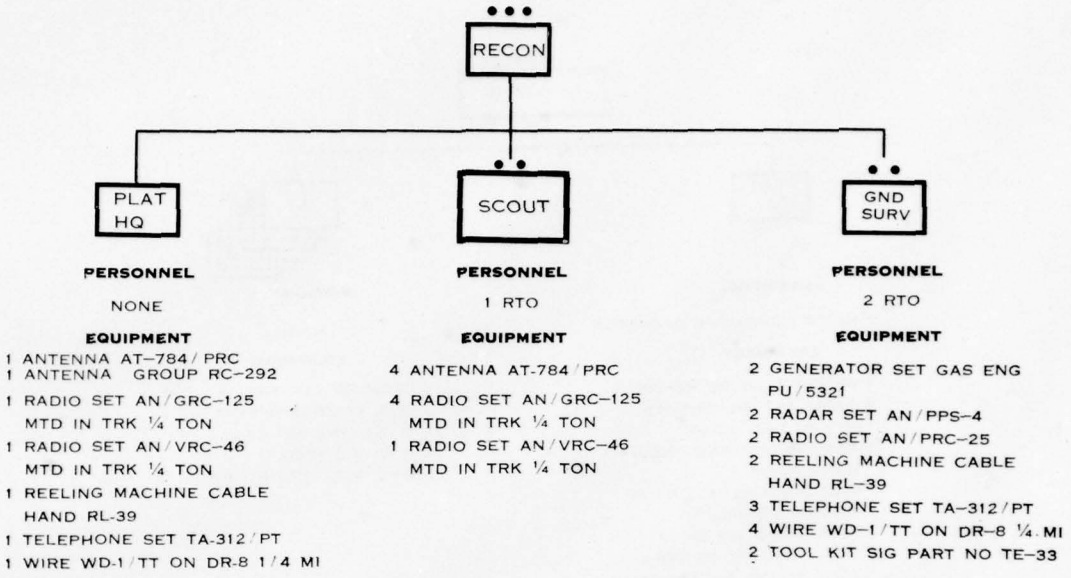


Figure 14-11. Communication Personnel and Equipment, Reconnaissance Platoon, Airborne Infantry Battalion.

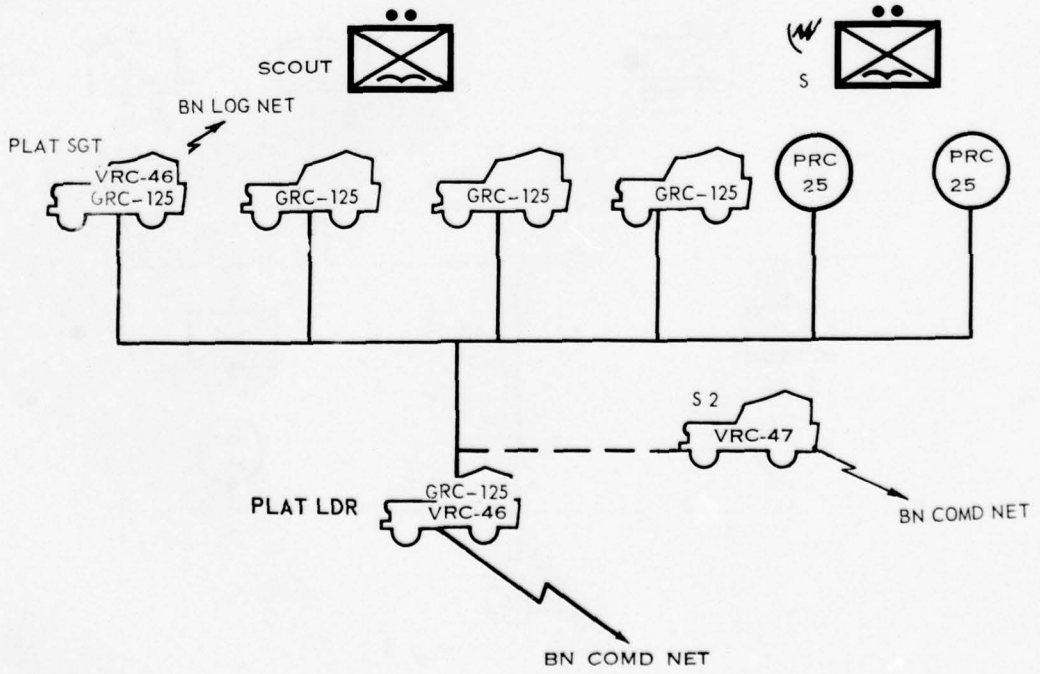


Figure 14-12. Type Radio Net, Reconnaissance Platoon, Airborne Infantry Battalion.

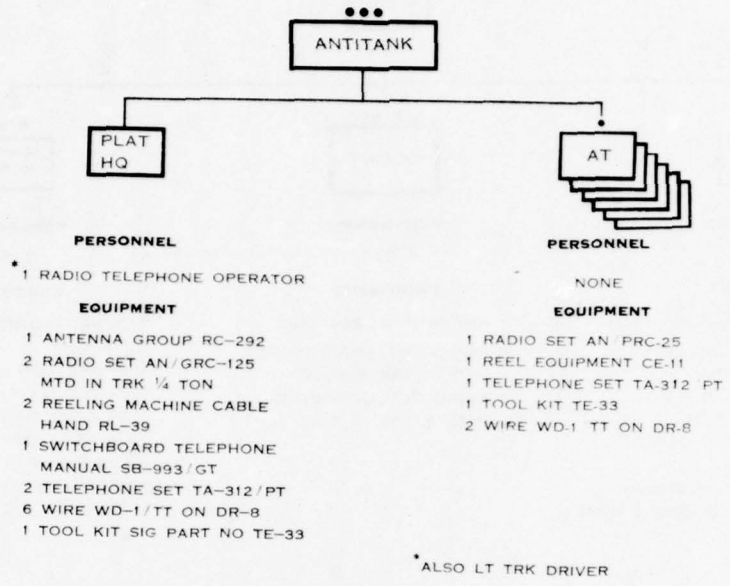


Figure 14-13. Communications Personnel and Equipment, Antitank Platoon, Airborne Infantry Battalion.

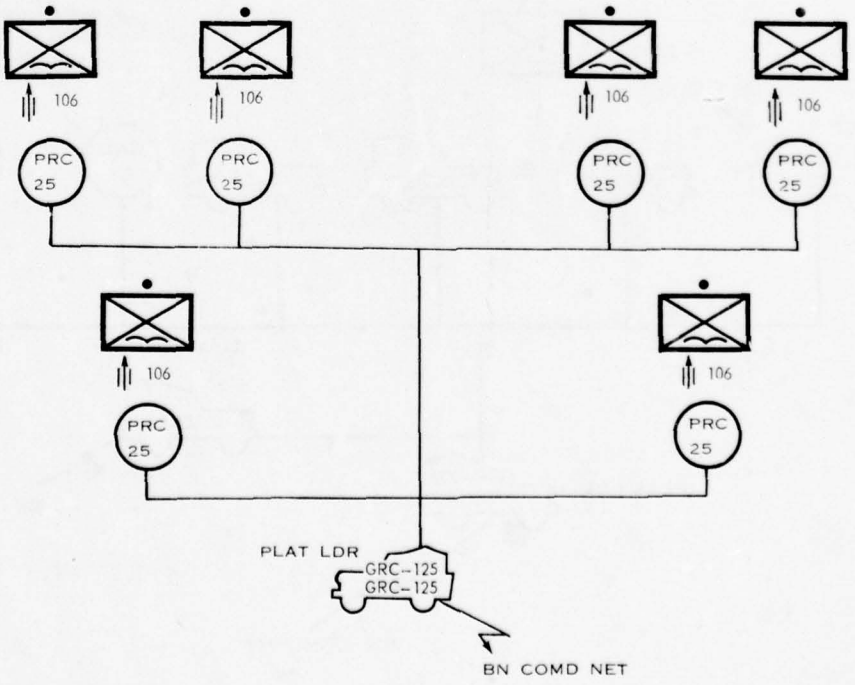
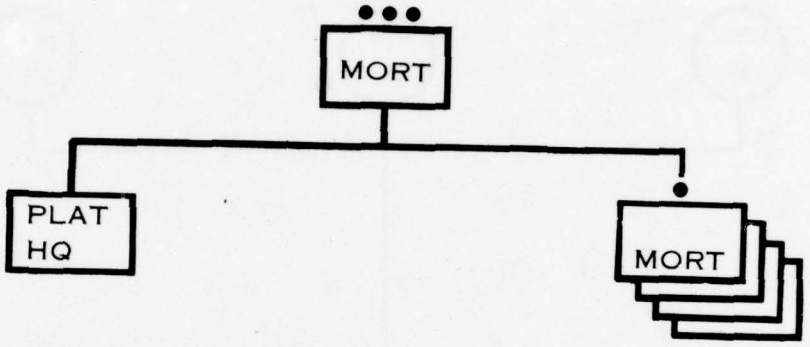


Figure 14-14. Type Radio Net, Antitank Platoon, Airborne Infantry Battalion.



PERSONNEL

* 3 RAD TELEPHONE OP

EQUIPMENT

4 ANTENNA GROUP RC–292
5 HEADSET–MICROPHONE H–161/U
2 RADIO SET AN/GRC–125
MTD IN TRK ¼ TON
2 RADIO SET AN/GRC–125
MTD IN TRK ¾ TON
5 RADIO SET AN/PRC–25
4 REELING MACHINE CABLE
HAND RL–39
1 SWITCHBOARD TELEPHONE
MANUAL SB–993/GT
1 SWITCHBOARD TELEPHONE
MANUAL SB–22/PT
6 TELEPHONE SET TA–312/PT
10 WIRE WD–1/TT ON DR–8 ¼ MI
2 TOOL KIT SIG PART NO TE–33

PERSONNEL

NONE

EQUIPMENT

1 REEL EQUIPMENT CE–11
1 TELEPHONE SET TA–312/PT
1 WIRE WD–1TT ON DR–8 ¼ MI
1 TOOL KIT SIG PART NO TE–33

Figure 14-15. Communication Personnel and Equipment, Battalion Mortar Platoon, Airborne Infantry Battalion.

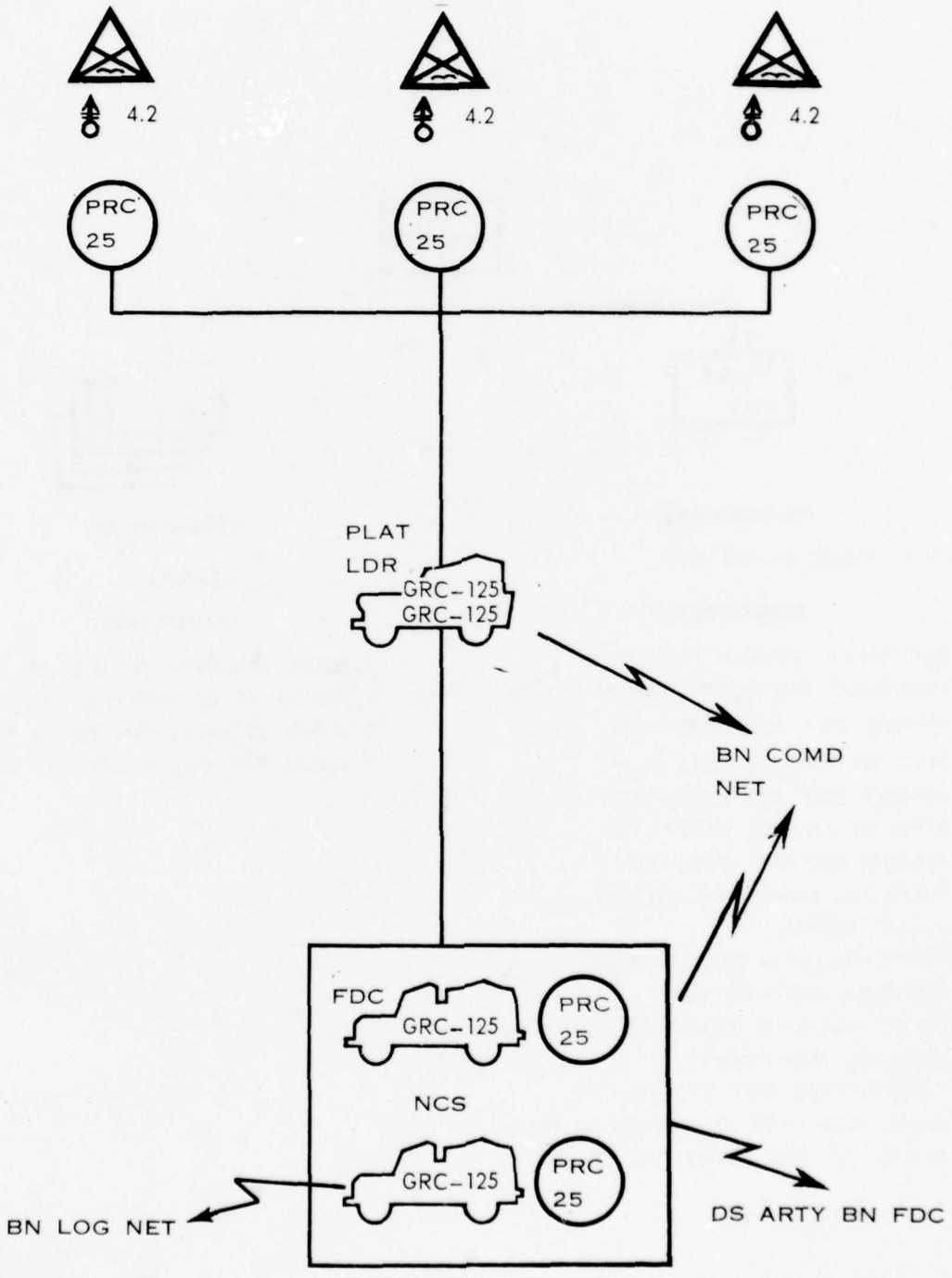
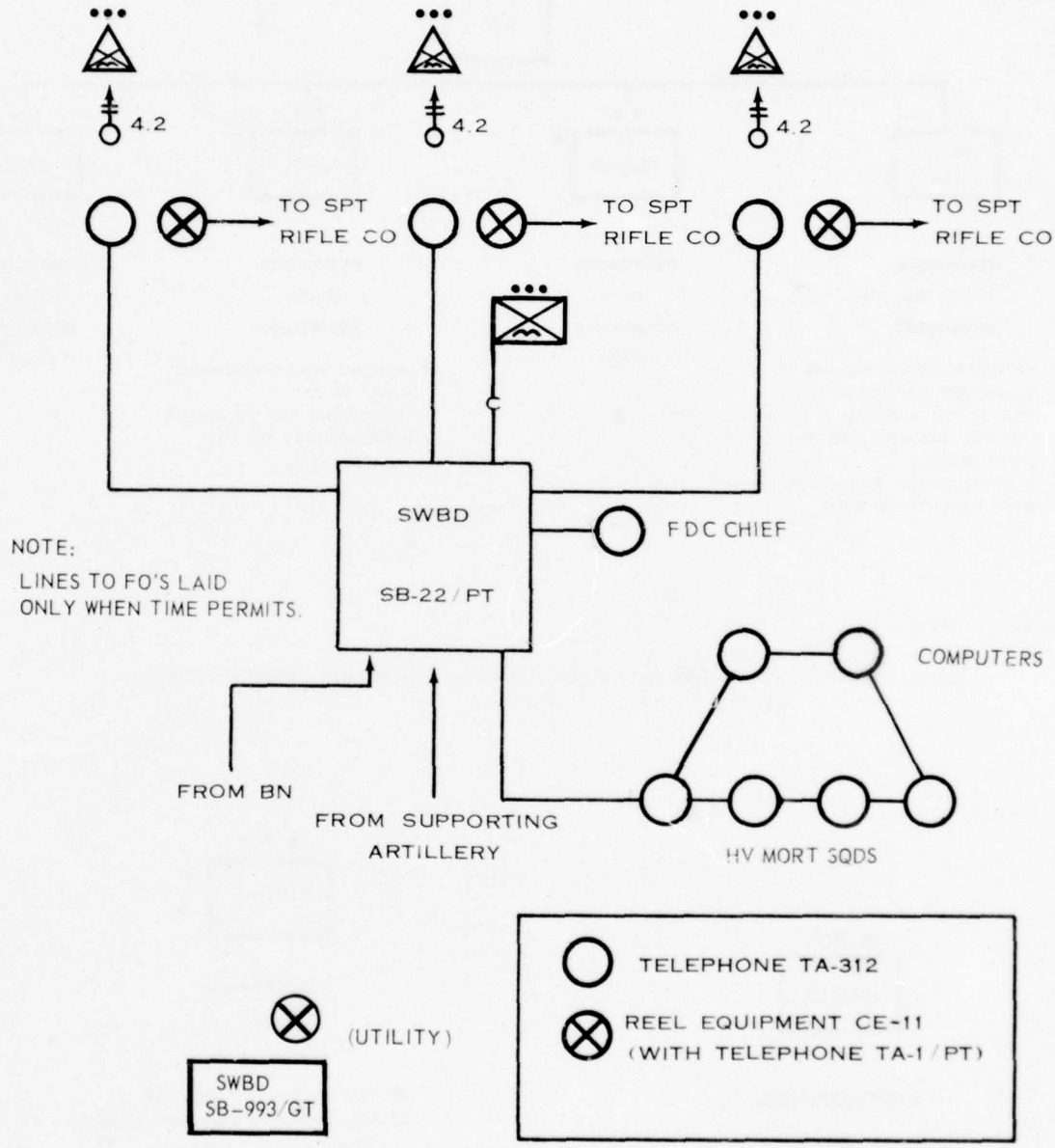
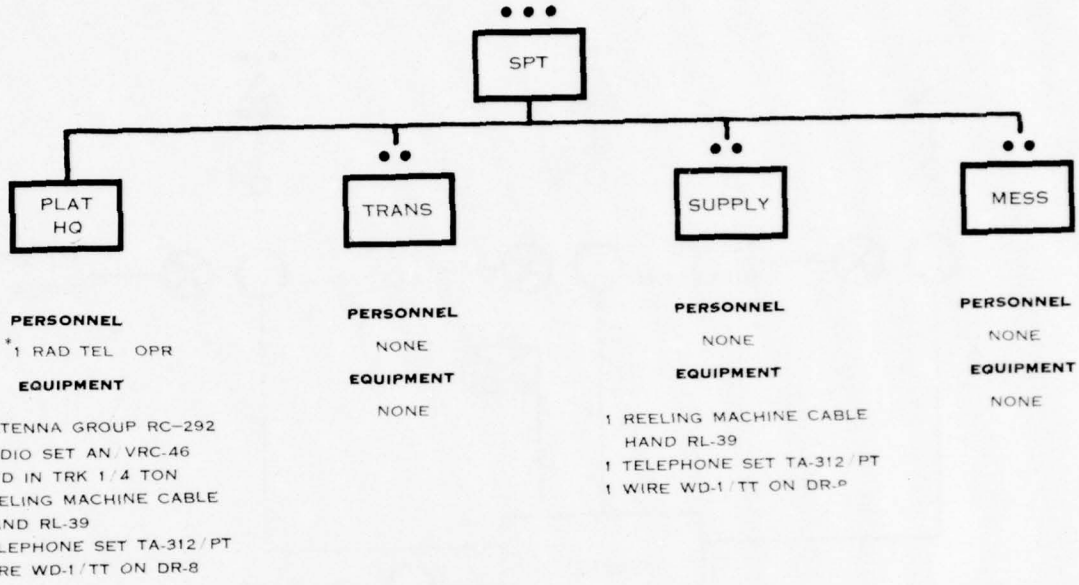


Figure 14-16. Type Fire Direction Net, Battalion Mortar Platoon, Airborne Infantry Battalion.



58337 Sia 8

Figure 14-17. Type wire system, Battalion Mortar Platoon, Airborne Infantry Battalion.



*ALSO LT TRK DRIVER

Figure 14-18. Communication Personnel and Equipment, Support Platoon, Airborne Infantry Battalion.



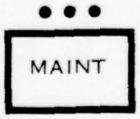
PERSONNEL

1 RTO

EQUIPMENT

1 RADIO SET AN/GRC-125 MTD IN TRK 1/4 TON
1 TELEPHONE SET TA-312/PT

Figure 14-19. Communication Personnel and Equipment, Medical Platoon, Airborne Infantry Battalion.



PERSONNEL

NONE

EQUIPMENT

1 ANTENNA GROUP RC-292
1 CHARGER BATTERY PP-1659/G
1 LOUDSPEAKER LS-454/U
1 RADIO SET AN/GRC-125 MTD IN TRK 1/4 TON
1 REELING MACHINE CABLE HAND RL-39
1 TELEPHONE SET TA-312/PT
1 WIRE WD-1/TT ON DR-8 1/4 MI

Figure 14-20. Communication Personnel and Equipment, Maintenance Platoon, Airborne Infantry Battalion.

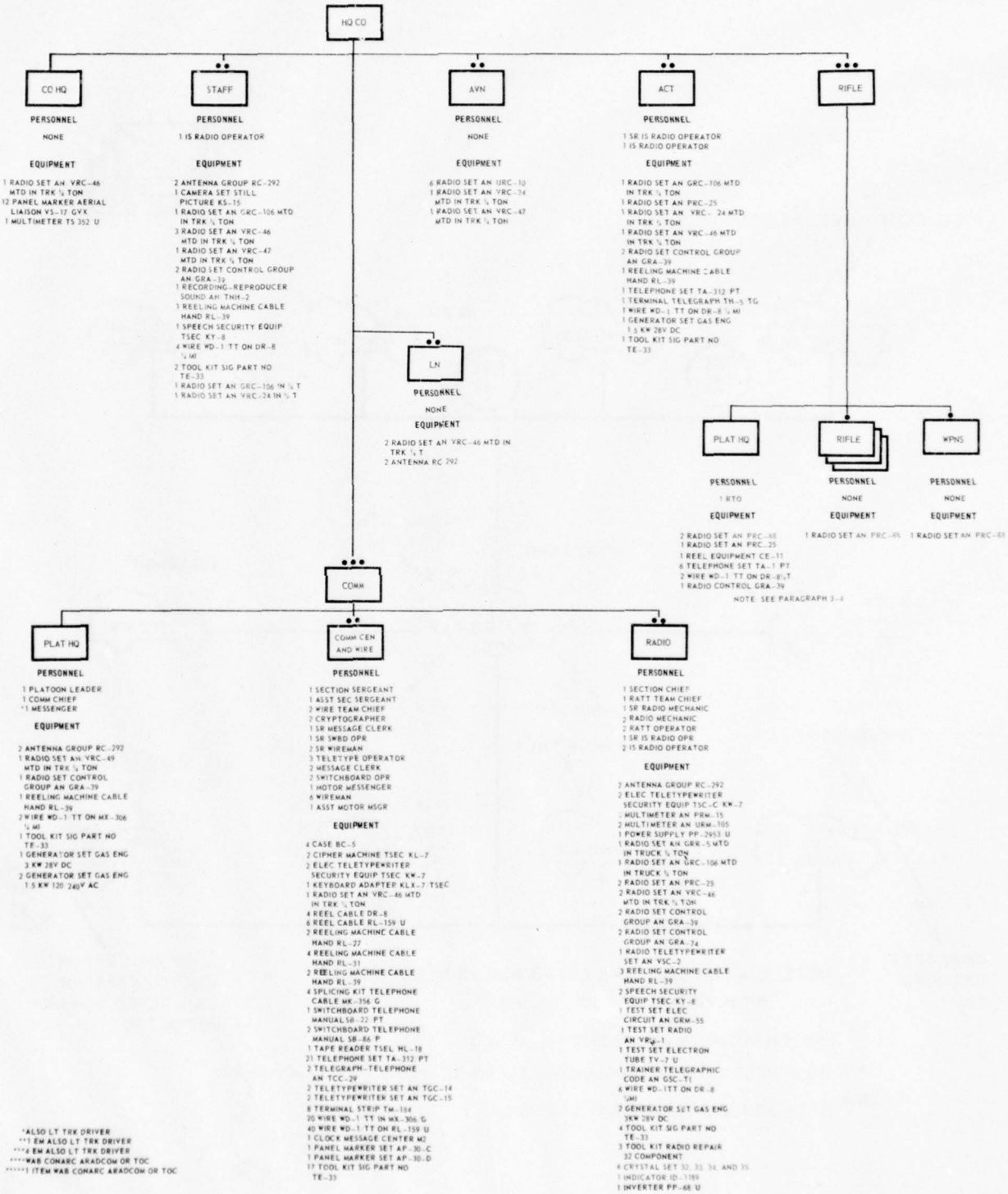


Figure 14-21. Communication Personnel and Equipment, Headquarters and Headquarters Company, Airborne Brigade.

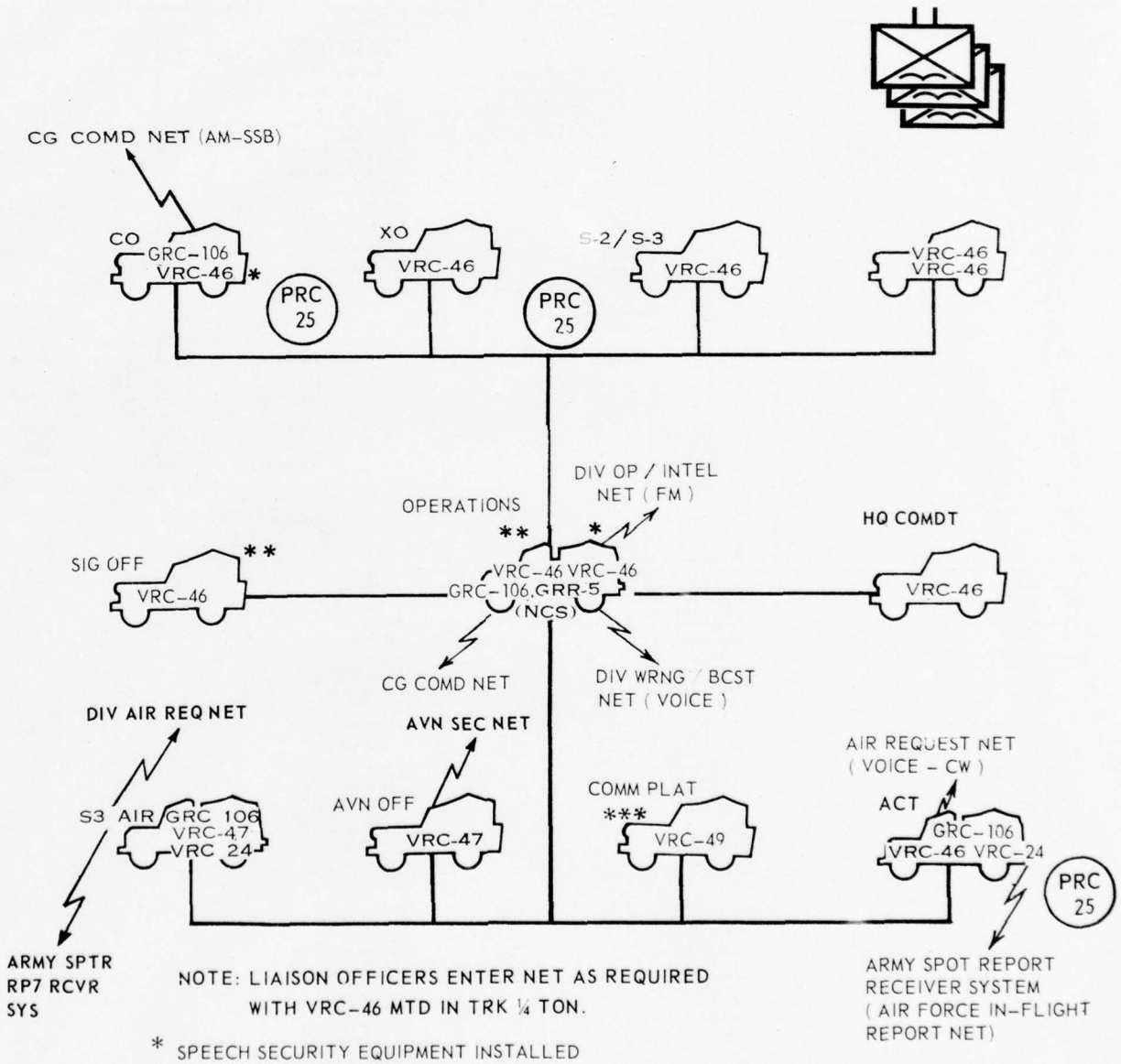


Figure 14-22. Type Command Net, Airborne Brigade.

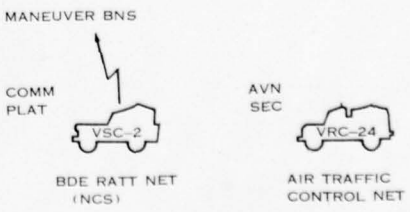
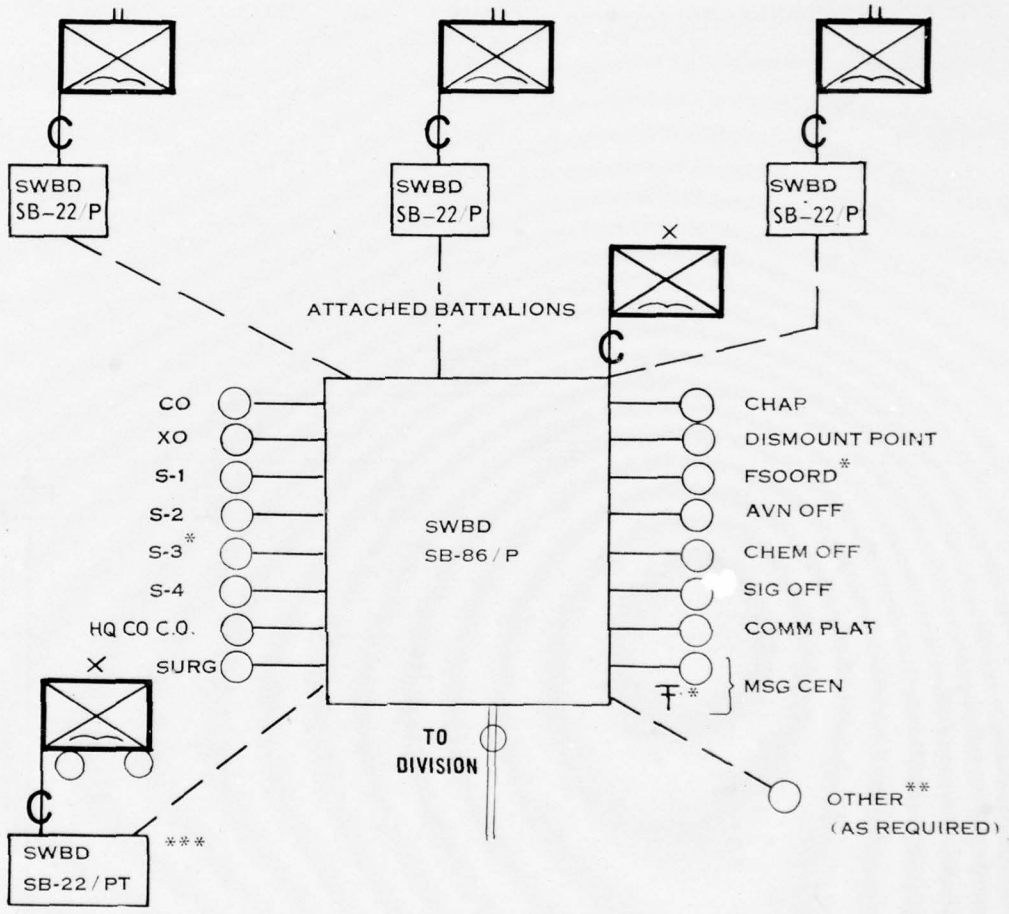


Figure 14-23. Other Nets.



NOTES:

*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.

***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 14-24. Type Wire System, Airborne Brigade.

CHAPTER 15

COMMUNICATIONS - MECHANIZED INFANTRY, BATTALIONS AND BRIGADES

TOE--HHC Bde - 37-42G, Bn - 7-45G; HHC Bn - 7-46G, Rifle Co - 7-47G

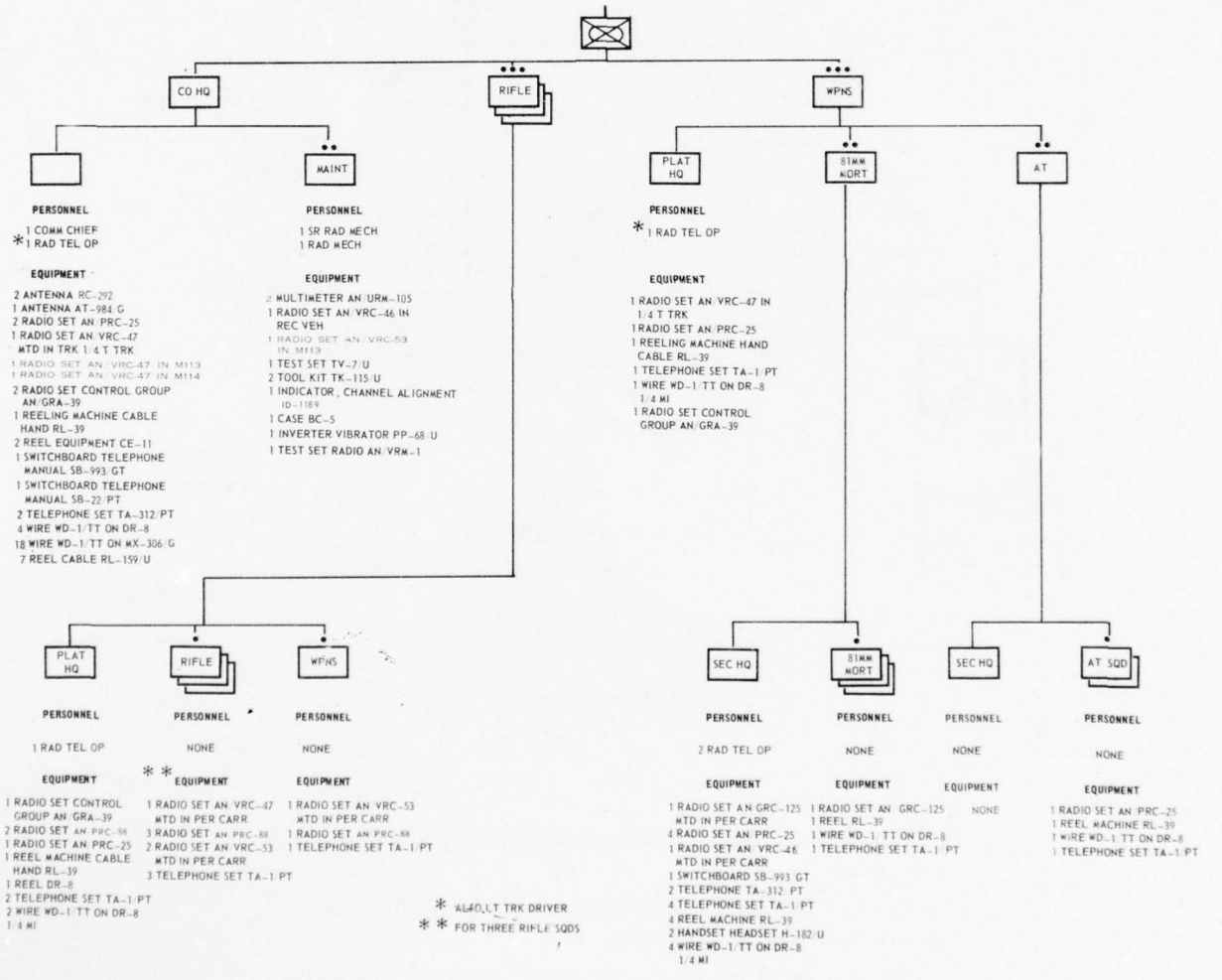
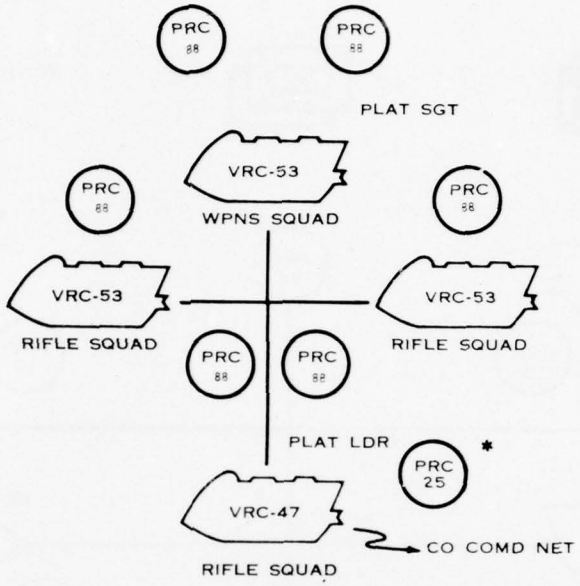


Figure 15-1. Communication personnel and equipment, rifle company, mechanized infantry battalion.



*DISMOUNTED USE

NOTE: ALL PLATOONS IDENTICAL
SEE PARAGRAPH 3-4

Figure 15-2. Type Radio Net, Rifle Platoon, Mechanized Rifle Company.

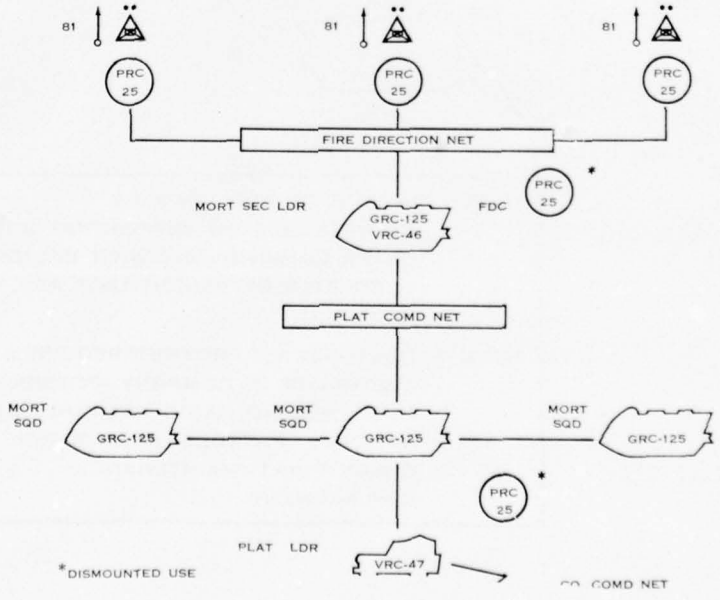


Figure 15-3. Type Radio Nets, Weapons Platoon, Mechanized Rifle Company

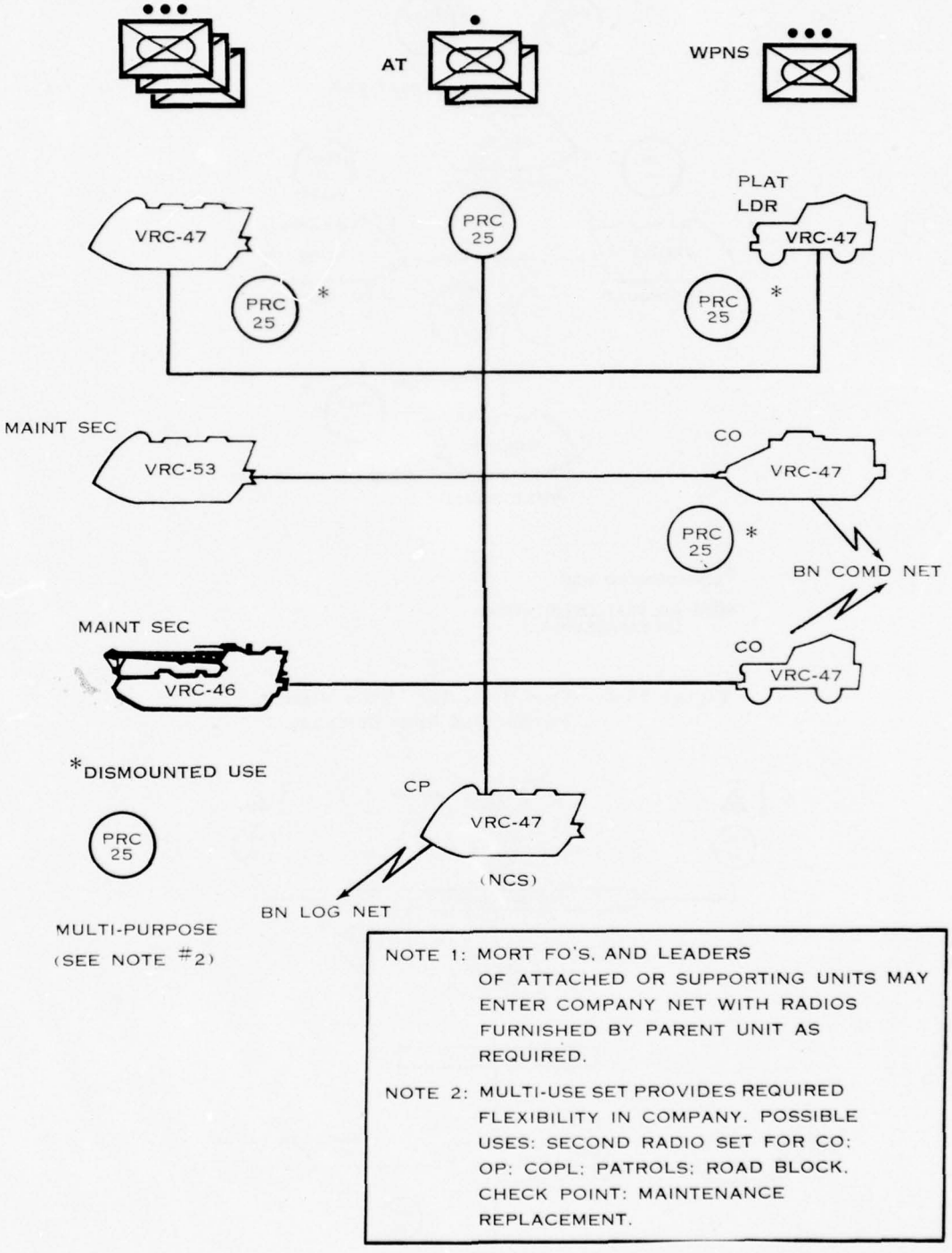


Figure 15-4. Type Radio Net, Rifle Company, Mechanized Infantry Battalion

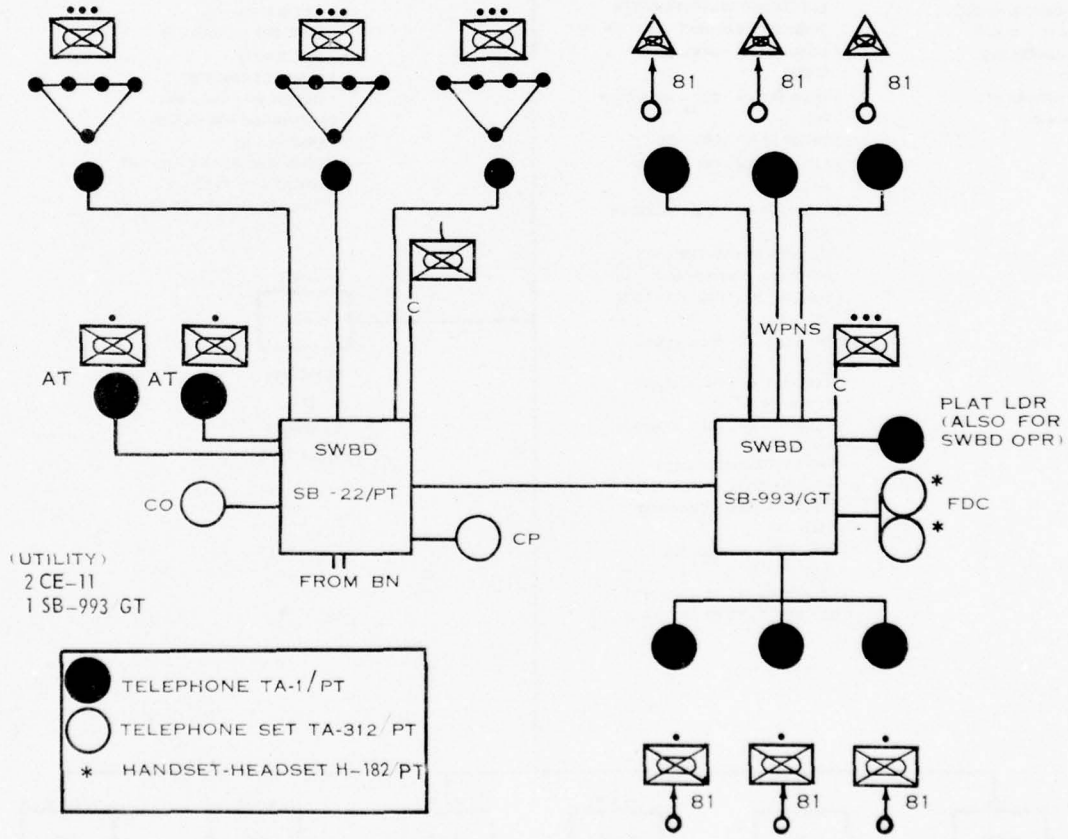


Figure 15-5. Type wire system, rifle company mechanized infantry battalion.

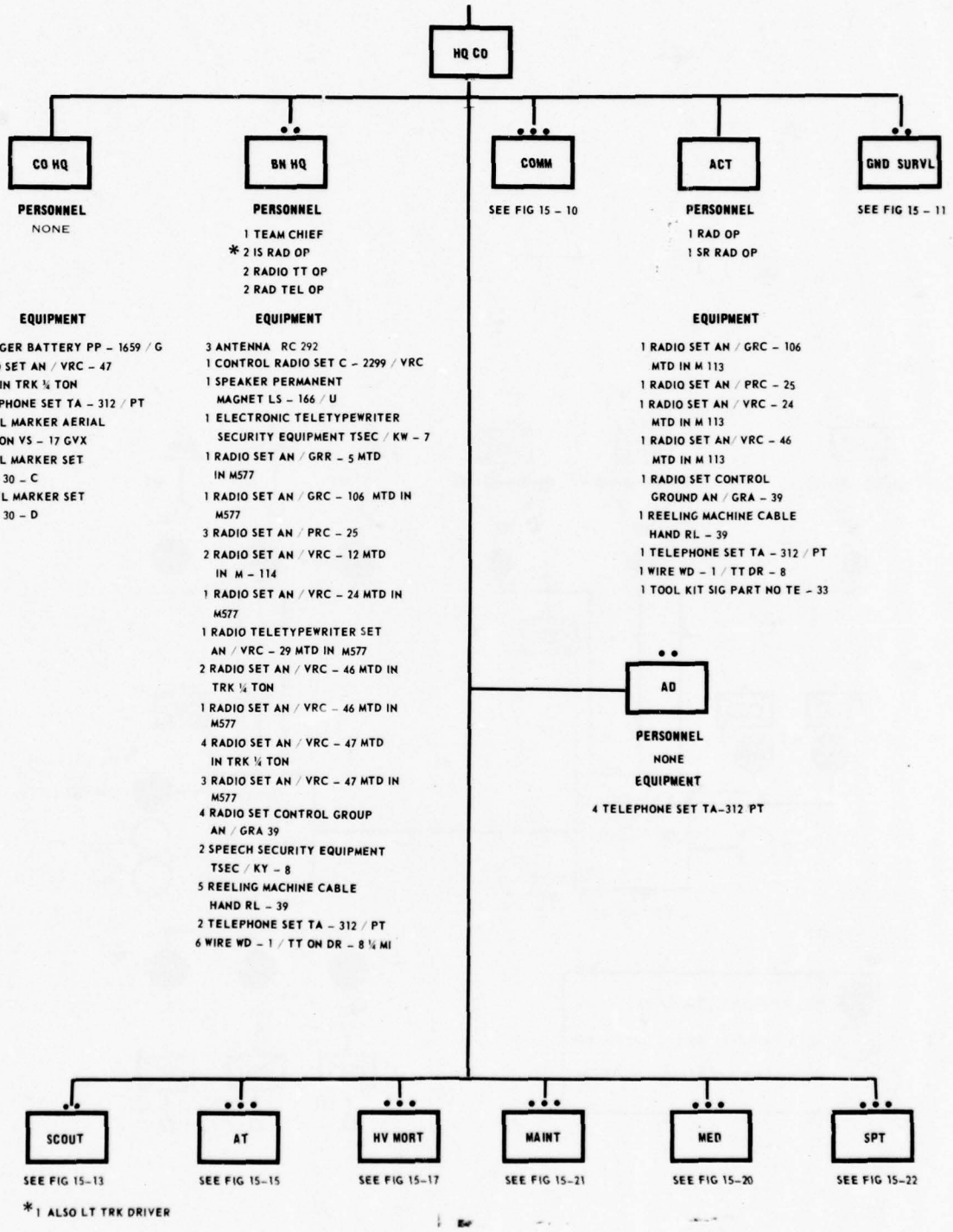
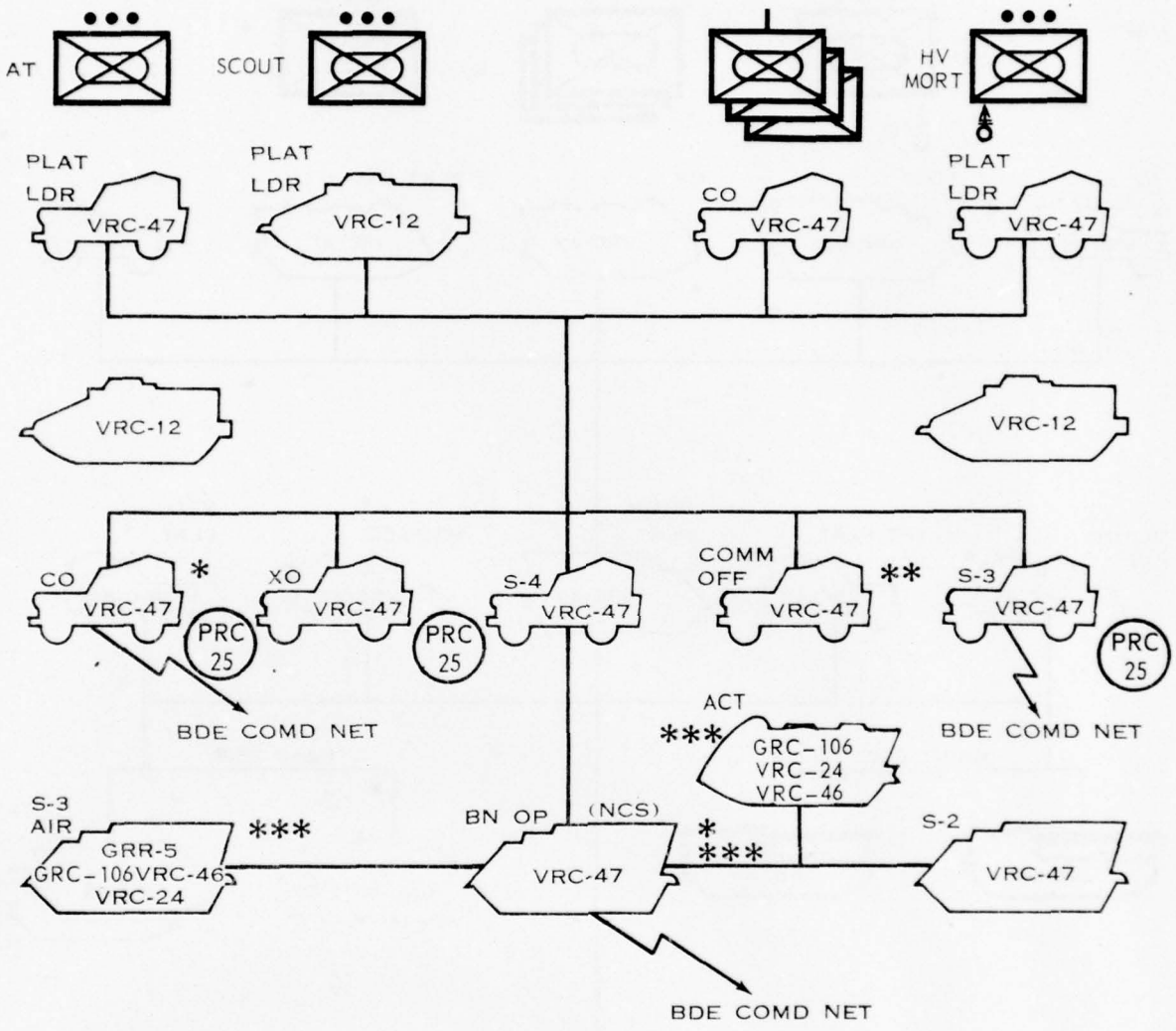


Figure 15-6. Communication Personnel and Equipment, Headquarters and Headquarters Company, Mechanized Infantry Battalion.



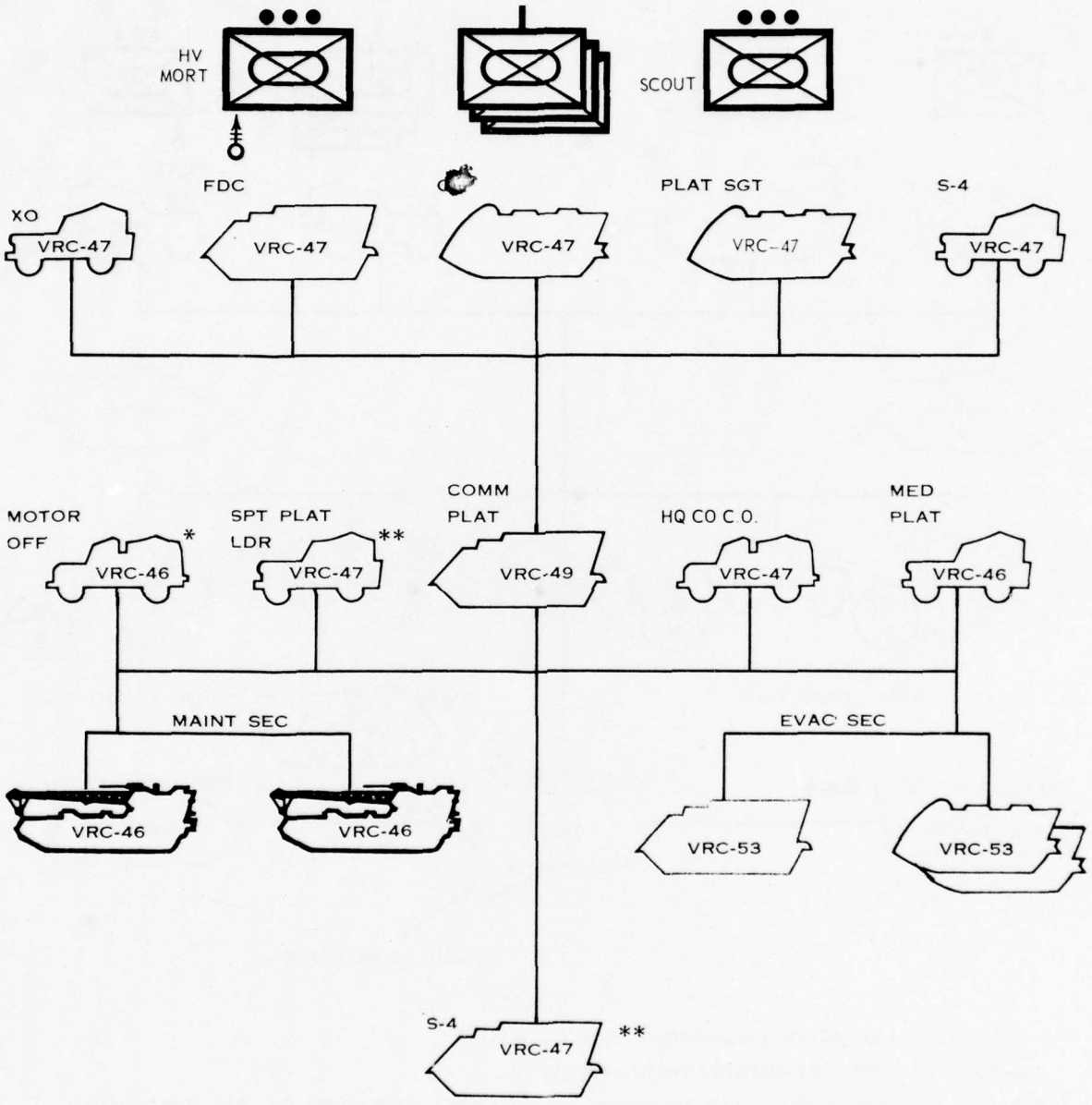
* SPEECH SECURITY EQUIPMENT INSTALLED.

** ORGANIC TO COMMUNICATION PLATOON.

*** SEE FIGURE 15-23. (EMPLOYMENT AM RADIOS) FOR USE OF ALL EQUIPMENT

NOTE: LIAISON OFFICERS ENTER NET AS REQUIRED WITH AN/VRC-46 MOUNTED IN 1/4 T TRUCKS.

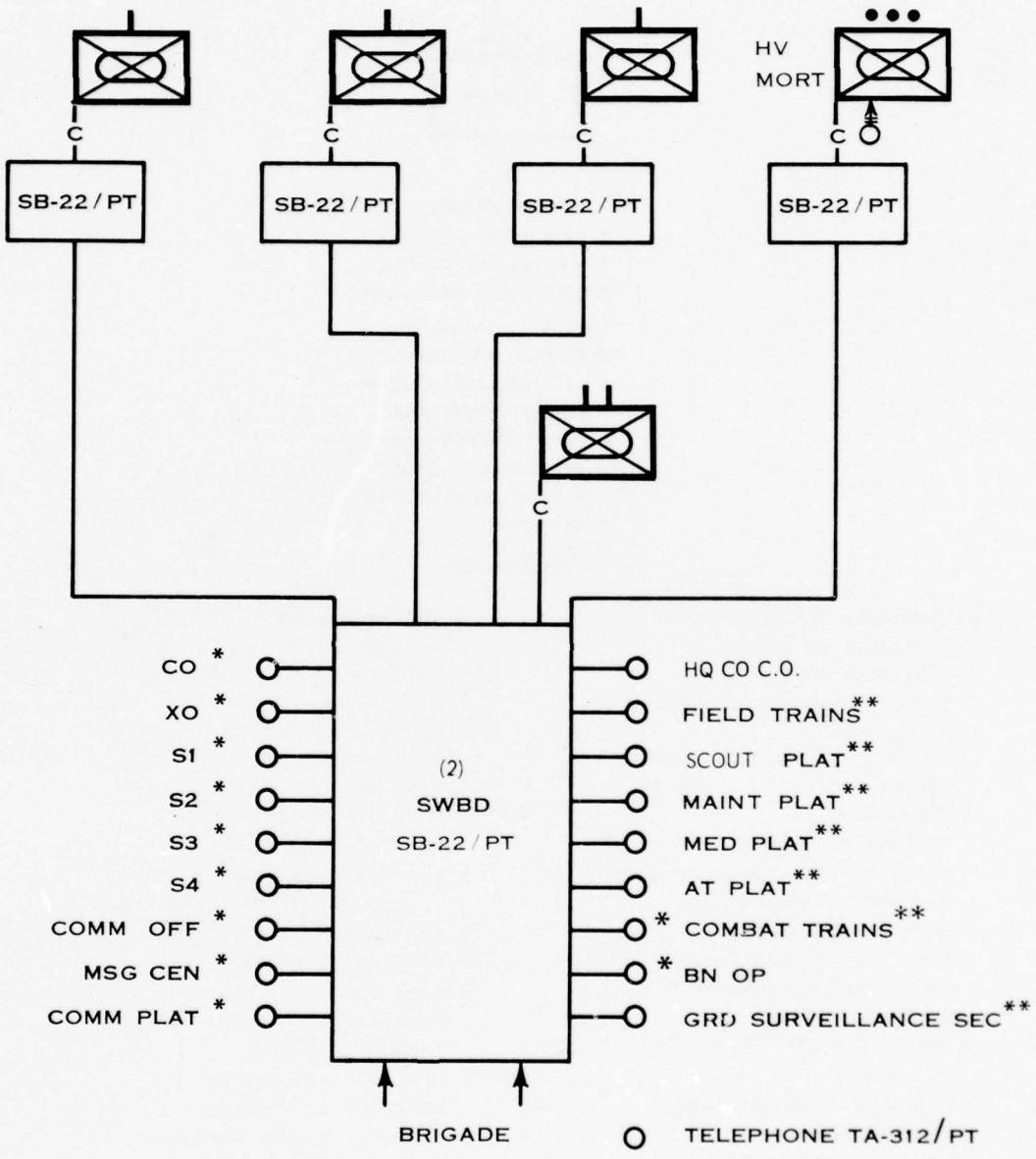
Figure 15-7. Type Command Net, Mechanized Infantry Battalion.



*ORGANIC TO MAINTENANCE PLATOON.

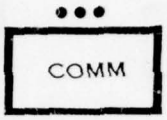
**ENTERS BRIGADE LOGISTICAL NET AS REQUIRED.

Figure 15-8. Type Logistical Net, Mechanized Infantry Battalion.



*ORGANIC TO COMMUNICATION PLATOON
**TIE INTO BN WIRE SYSTEM
AT NEAREST SWITCHBOARD

Figure 15-9. Type Wire System, Mechanized Infantry Battalion



PERSONNEL

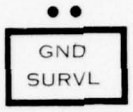
1 COMM CHIEF
1 RADAR MECHANIC
1 SR RADIO MECHANIC
1 PER CARRIER DVR
2 RADIO MECHANIC
1 SR MESSAGE CLERK
1 SENIOR WIREMAN
1 SWITCHBOARD OP
*2 MESSAGE CLERK
**2 MOTOR MESSENGER
*2 WIREMEN

EQUIPMENT

3 ANTENNA AT-784/PRC
3 ANTENNA AT-984/G
2 ANTENNA RC 292
1 REELING MACHINE CABLE HAND RL-27
2 RADIO SET CONTROL GROUP AN/GRA-39
1 CASE BC-5
2 CIPHER MACHINE TSEC/KL-7
2 MODIFICATION KIT ELECTRONIC EQUIPMENT MX-898/GRC
1 MULTIMETER TS-352/U
3 MULTIMETER AN/URM-105
1 RADIO SET AN/VRC-47 MTD IN TRK 1/4 TON
1 RADIO SET AN/VRC-49 MTD IN M577
2 REELING MACHINE CABLE HAND RL-39
2 REELING MACHINE CABLE HAND RL-31
1 REELING MACHINE CABLE MOTOR DRIVEN RL-172/G
2 RETRANSMISSION CABLE KIT MK-126/G
2 SWITCHBOARD TELEPHONE MANUAL SB-22PT
12 TELEPHONE SET TA-312/PT
4 TERMINAL BOARD TM-184
2 TEST SET TV-7/U
3 TOOL KIT TK-115/U
1 TOOL KIT TK-87 ( )/U
2 INVERTER VIBRATOR PP-68/U
2 WIRE WD-1/TT ON DR-8 1/4 MI
12 WIRE WD-1/TT MX-306/G
6 WIRE WD-1/TT RL-159/U
2 REEL CABLE RL-159/U
1 SPLICING KIT TELEPHONE CABLE MK-356/G
1 TEST SET AN/UPM-93
1 TEST SET AN/GRM-55
1 TEST SET RADIO AN/VRM-1
1 CLOCK MESSAGE CENTER M-2

* 1 ALSO LT TRK DRIVER
** ALSO LT TRK DRIVER

Figure 15-10 Communication Personnel and Equipment, Communication Platoon, Mechanized Infantry Battalion.



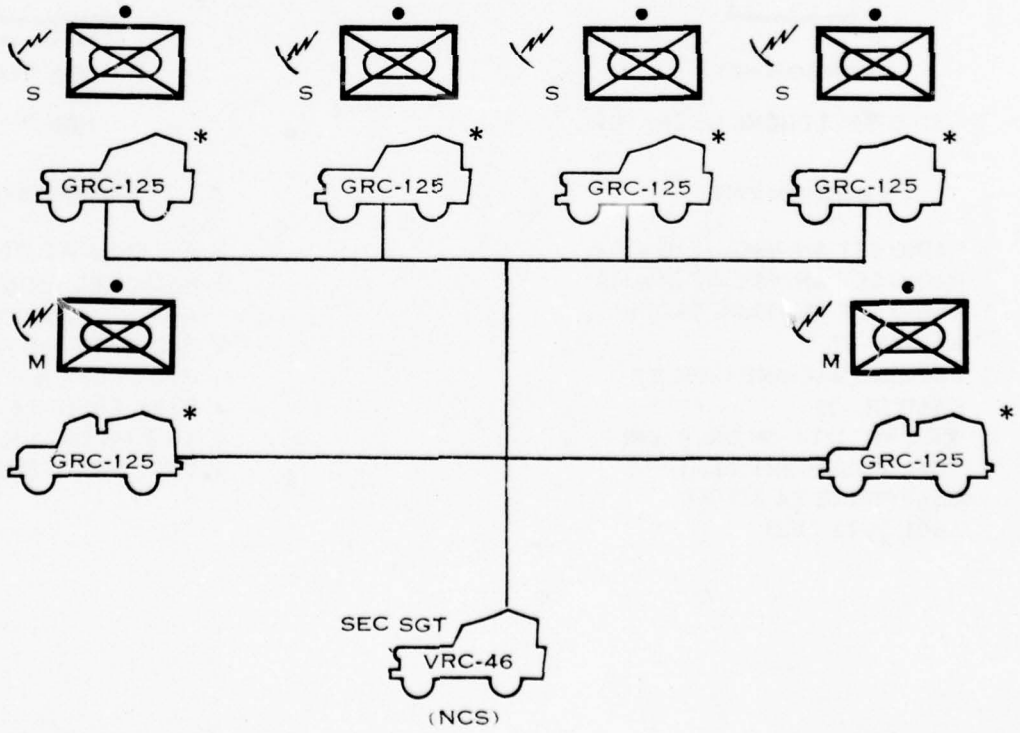
PERSONNEL

NONE

EQUIPMENT

2 GENERATOR SET GAS ENG PU/442/U
4 GENERATOR SET GAS ENG PU/532/PPS-4
4 RADAR SET AN/PPS-4
2 RADAR SET AN/TPS-33
4 RADIO SET AN/GRC-125
MTD IN TRK ¼ TON
2 RADIO SET AN/GRC-125
MTD IN TRK ¾ TON
1 RADIO SET AN/VRC-46
MTD IN TRK ¼ TON
6 TELEPHONE SET TA-312/PT
1 TEST SET AN/UPM-93
6 WIRE WD-1/TT ON DR-8 ¼ MI

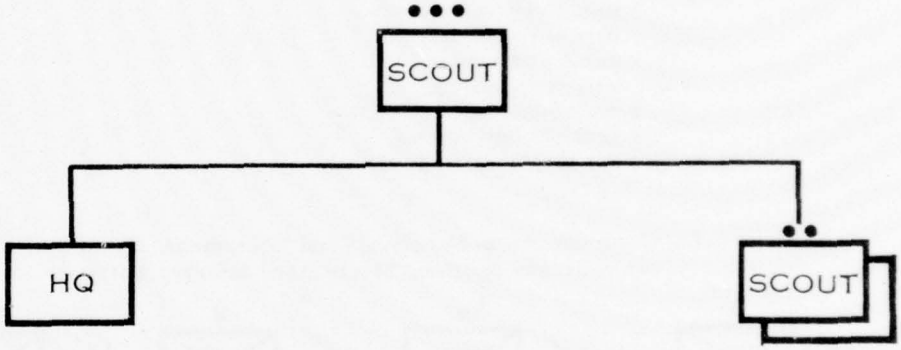
Figure 15-11. Communication Personnel and Equipment, Ground Surveillance Section, Mechanized Infantry Battalion.



*ALSO HAS DISMOUNTED CAPABILITY.

NOTE: S2 ENTERS NET AS REQUIRED.

Figure 15-12. Type Radio Net, Ground Surveillance Section, Mechanized Infantry Battalion.



PERSONNEL

1 RADIO TELEPHONE OPERATOR

EQUIPMENT

1 RADIO SET AN/VRC-12 IN M114
1 RADIO SET AN/VRC-47 IN M113
1 RADIO SET CONTROL GROUP AN/GRA-39
2 REELING MACHINE CABLE HAND RL-39
4 WIRE WD-1/TT ON DR-8 ¼ MI
2 REEL EQUIPMENT CE-11
1 TELEPHONE TA 312/PT
2 TOOL SETS TE33

PERSONNEL

NONE

EQUIPMENT

2 ANTENNA AT-784/PRC
2 RADIO SET AN/GRC-125 MTD IN CVR M-114
2 RADIO SET AN/VRC-46 MTD IN CVR M-114
4 REEL EQUIP CE-11
4 WIRE ON DR-8 ¼ MI
4 TOOL SETS TE 33

Figure 15-13. Communication Personnel and Equipment, Scout Platoon, Mechanized Infantry Battalion.

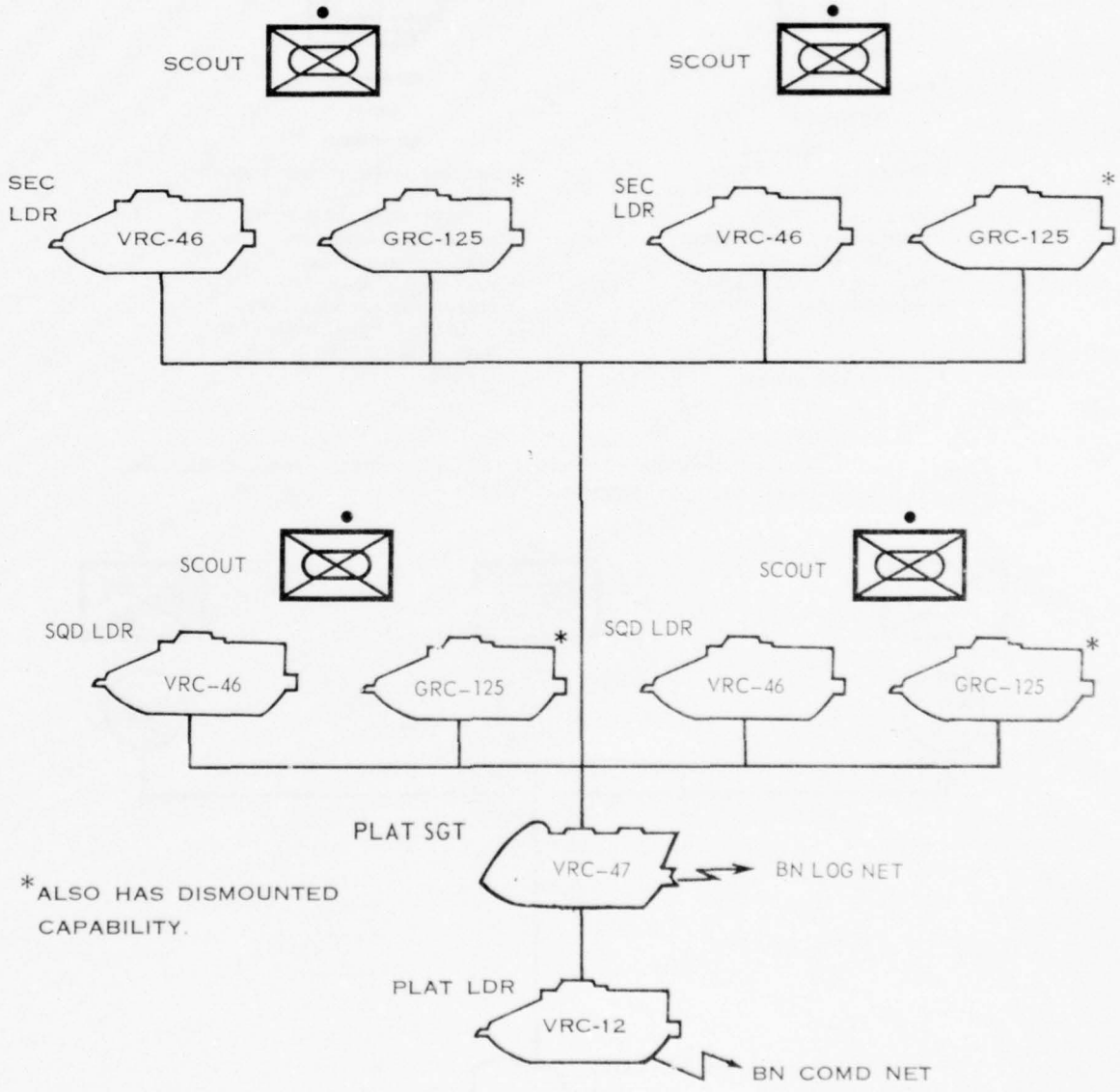


Figure 15-14. Type Radio Net, Scout Platoon, Mechanized Infantry Battalion.

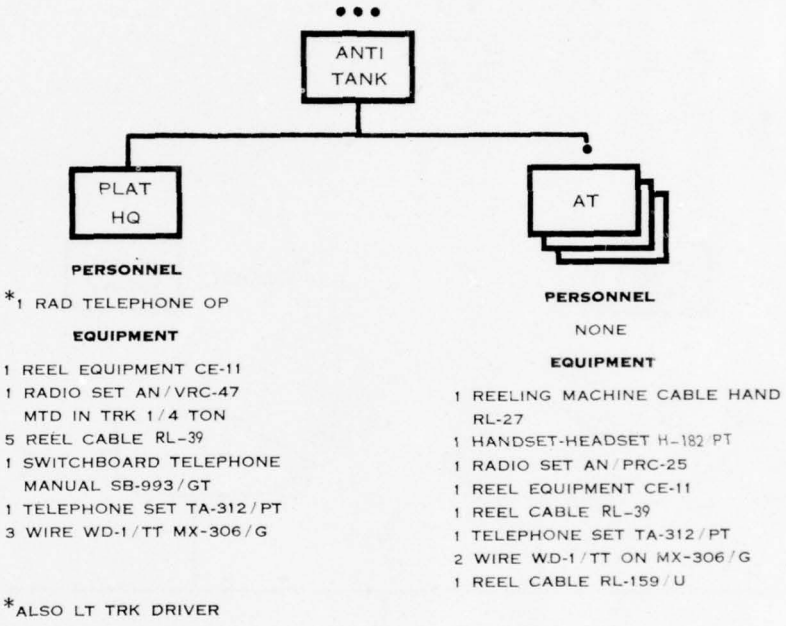


Figure 15-15. Communication Personnel and Equipment, Antitank Platoon, Mechanized Infantry Battalion.

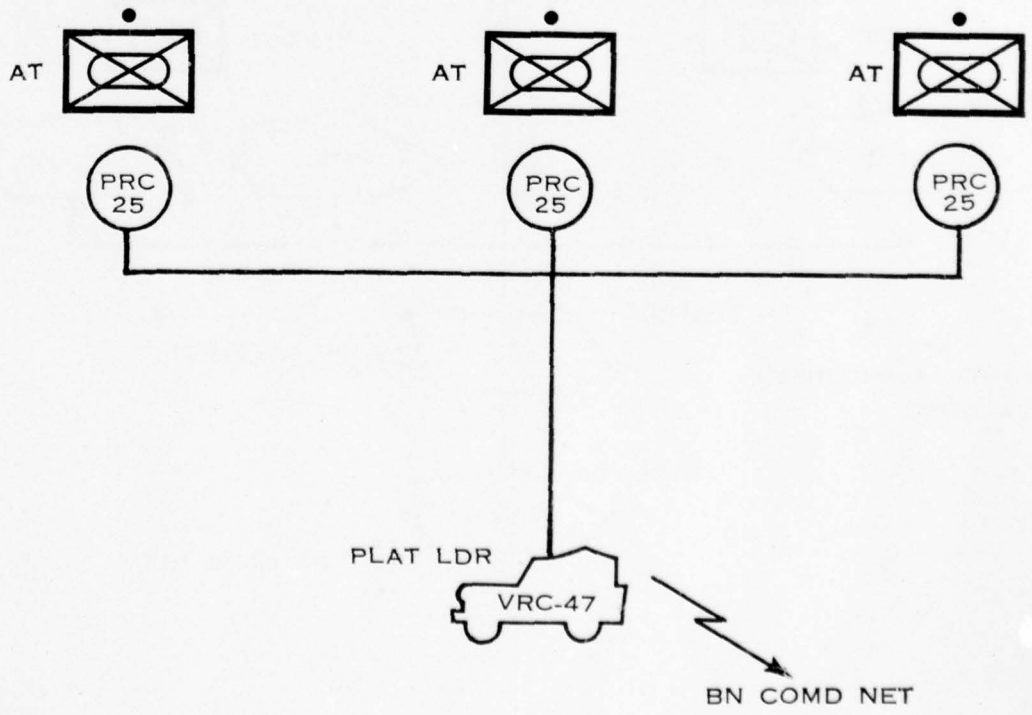
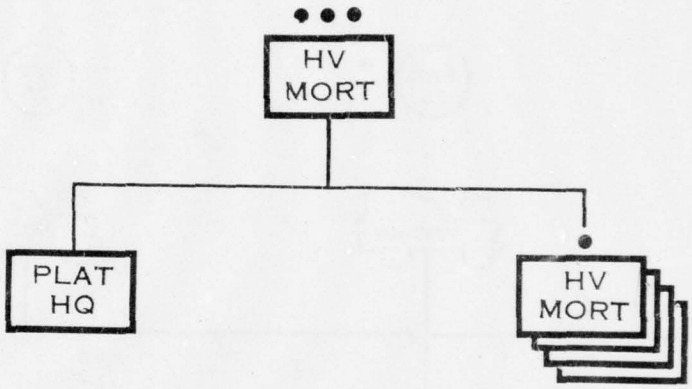


Figure 15-16. Type Radio Net, Antitank Platoon, Mechanized Infantry Battalion.



PERSONNEL

* 4 RAD TELEPHONE OP

EQUIPMENT

6 HANDSET–HEADSET H–182/U
3 RADIO SET AN/PRC–25
3 RADIO SET AN/VRC–46 MTD IN TRK ¼ TON
1 RADIO SET AN/VRC–47 MTD IN TRK ¼ TON
1 RADIO SET AN/VRC–47 IN M577
1 RADIO SET AN/VRC–53 IN M577
4 RADIO SET CONTROL GROUP AN/GRA–39
2 REELING MACHINE CABLE HAND RL–39
1 SWITCHBOARD TELEPHONE MANUAL SB–22/PT
1 TELEPHONE CONNECTING AND SWITCHING GROUP MX–155/GT
11 TELEPHONE SET TA–312/PT
8 WIRE WD–1/TT ON DR–8 ¼ MI

PERSONNEL

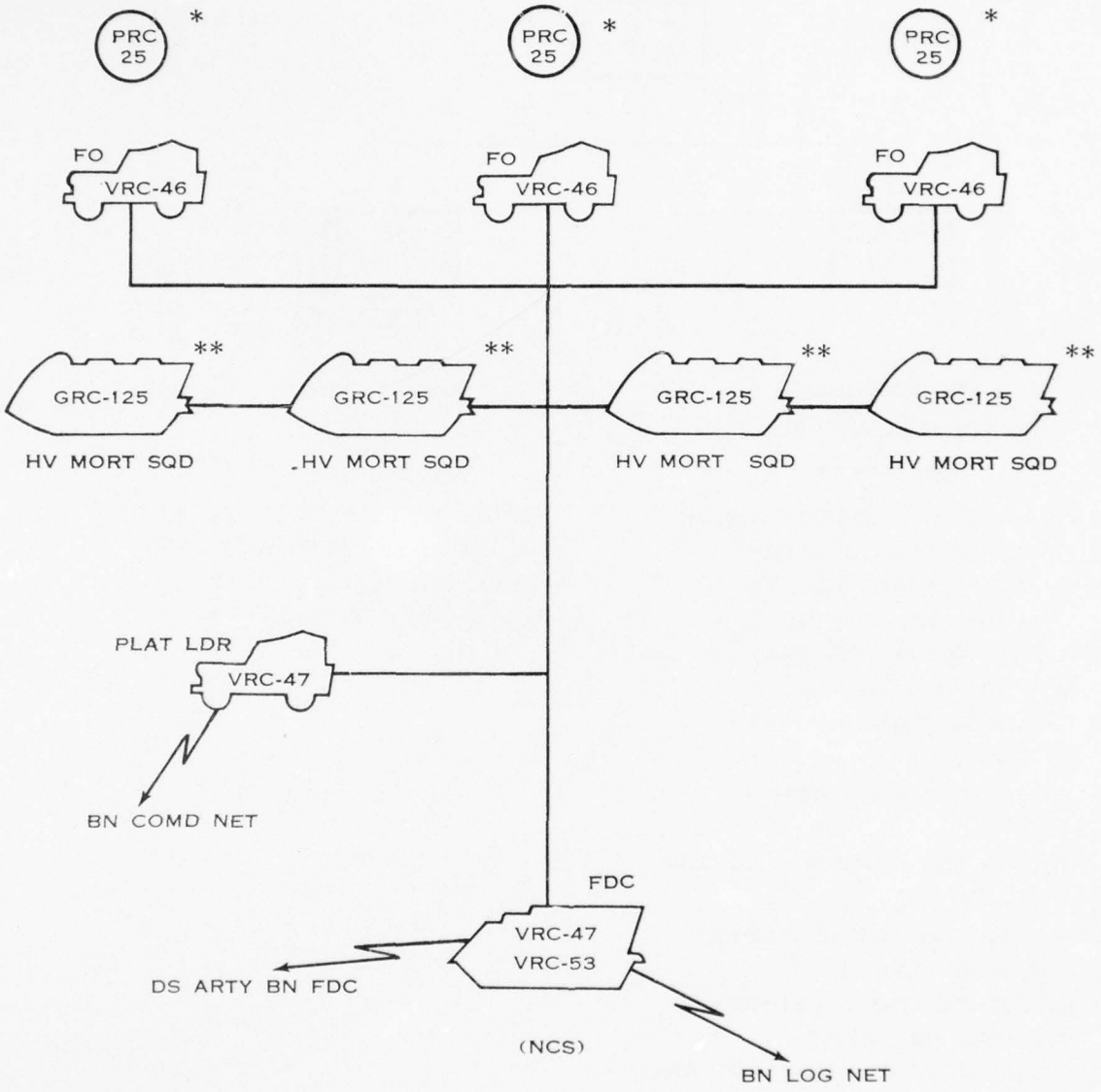
NONE

EQUIPMENT

1 RADIO SET AN/GRC-125 MTD IN CARRIER MORTAR HEAVY
1 REEL EQUIPMENT CE-11
1 WIRE WD-1/TT ON DR-8 1/4 MI

*ALSO LT TRK DRIVER

Figure 15-17. Communication Personnel and Equipment, Heavy Mortar Platoon, Mechanized Infantry Battalion.



*DISMOUNTED USE.

**ALSO HAS DISMOUNTED CAPABILITY.

Figure 15-18. Type Fire Direction Net, Heavy Mortar Platoon, Mechanized Infantry Battalion.

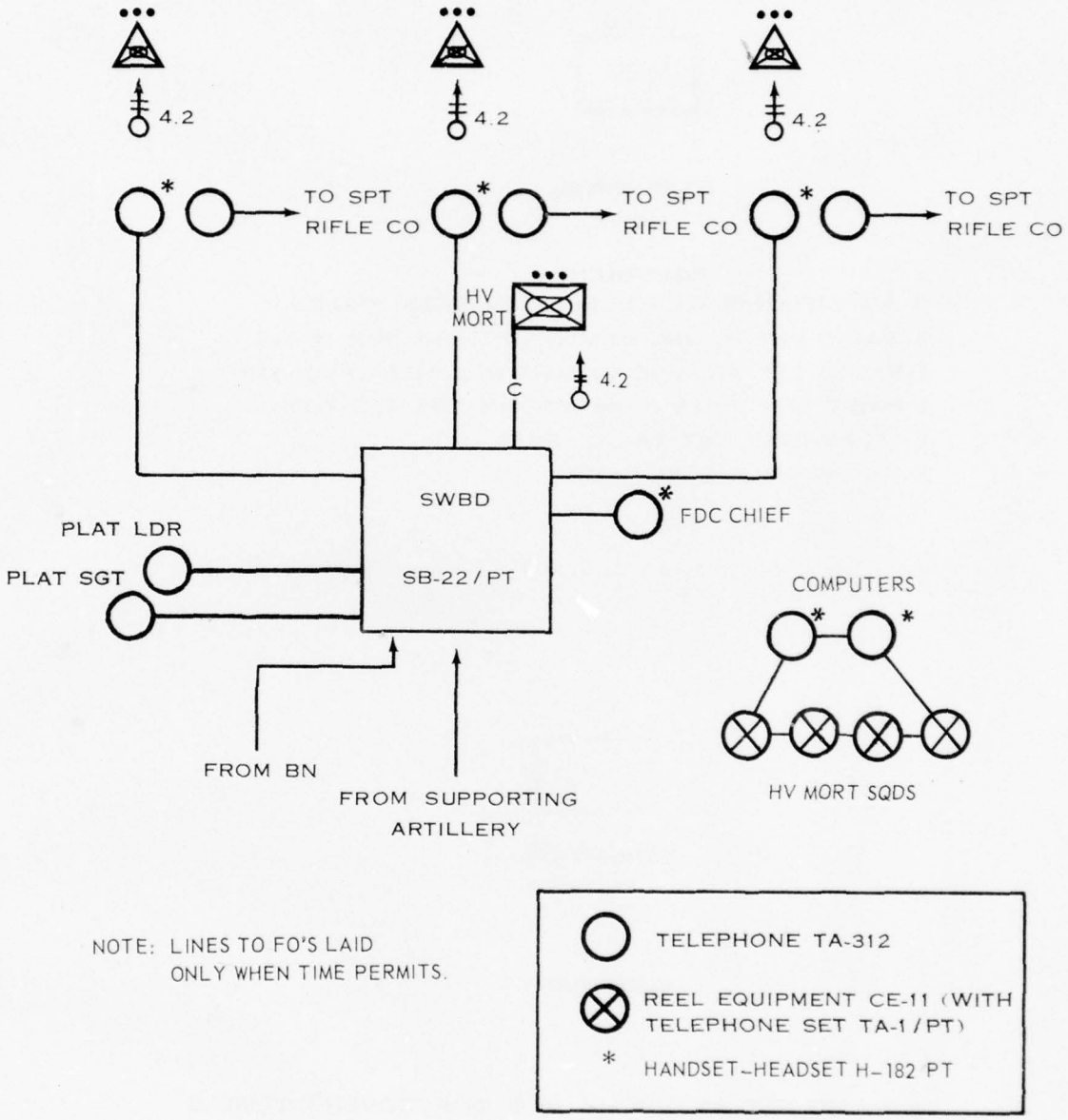


Figure 15-19. Type Wire System, Heavy Mortar Platoon Mechanized Infantry Battalion.



PERSONNEL

NONE

EQUIPMENT

3 AMPLIFIER-POWER SUPPLY OA-3633/PRC-25
2 RADIO SET AN/VRC-53 MTD IN CARR PER M-113
1 RADIO SET AN/VRC-53 MTD IN CARR CP M-577
1 RADIO SET AN/VRC-46 MTD IN TRK 1/4 TON
1 TELEPHONE SET TA-312/PT
3 INTERCOM SET AN/VIC-1

Figure 15-20. Communication Personnel and Equipment, Medical Platoon, Mechanized Infantry Battalion.



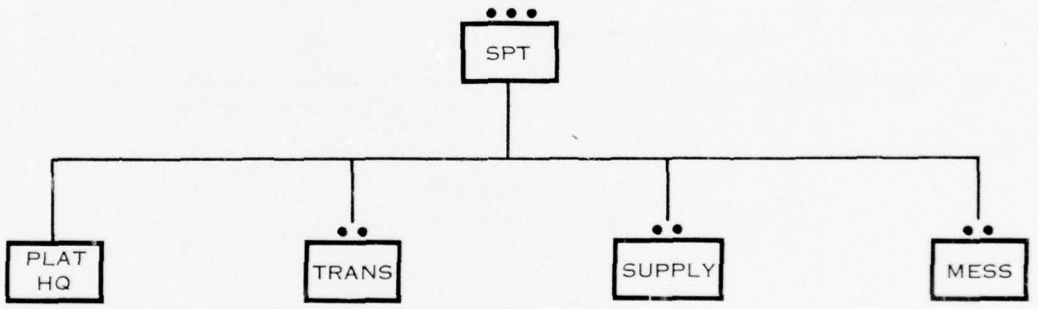
PERSONNEL

NONE

EQUIPMENT

2 RADIO SET AN/VRC-46 MTD IN RECOVERY VEHICLE FULL TRACKED
1 RADIO SET AN/VRC-46 MTD IN TRK 3/4 TON
1 REELING MACHINE CABLE HAND RL-39
1 TELEPHONE SET TA-312/PT
1 WIRE WD-1/TT ON DR-8 1/4 MI

Figure 15-21. Communication Personnel and Equipment, Maintenance Platoon, Mechanized Infantry Battalion.



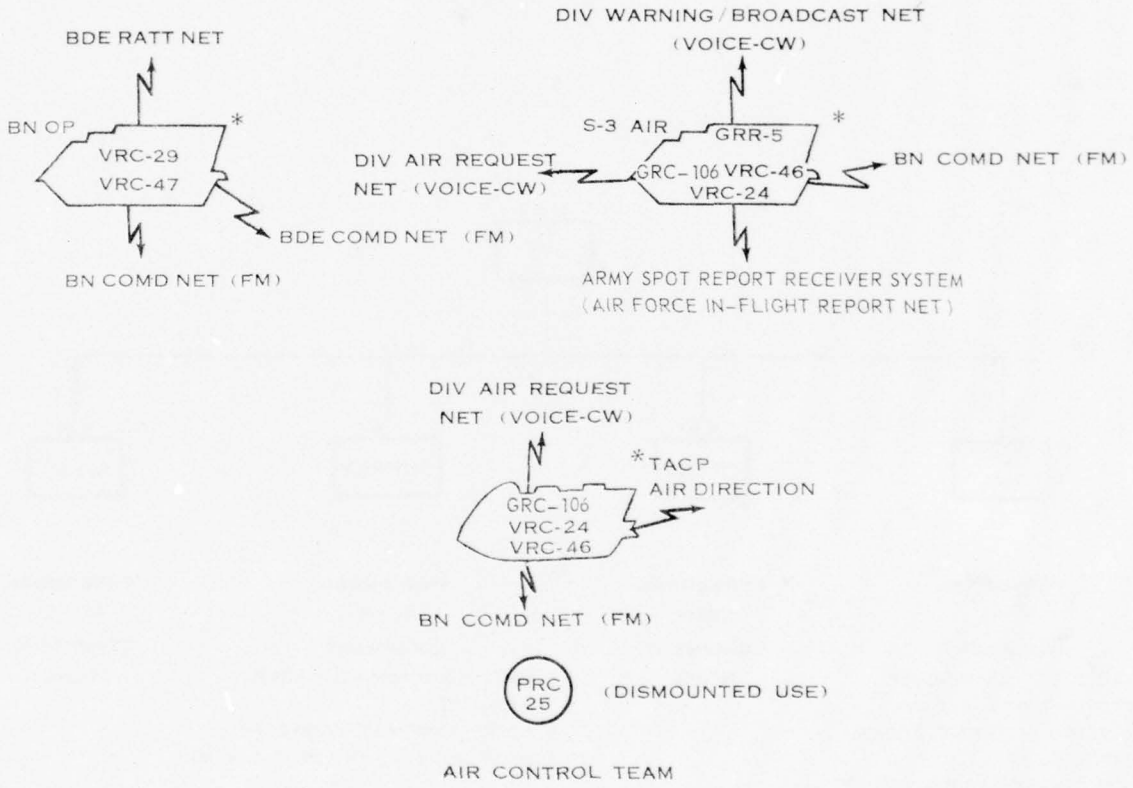
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/VRC-47 MTD IN TRK 1/4 TON
1 REELING MACHINE CABLE HAND RL-39
1 TELEPHONE SET TA-312/PT
1 WIRE WD-1/TT ON DR-8 1/4 MI

PERSONNEL
NONE
EQUIPMENT
NONE

PERSONNEL
NONE
EQUIPMENT
1 REELING MACHINE CABLE HAND RL-39
1 TELEPHONE SET TA-312/PT
1 WIRE WD-1/TT ON DR-8 1/4 MI

PERSONNEL
NONE
EQUIPMENT
NONE

Figure 15-22. Communication Personnel and Equipment, Support Platoon, Mechanized Infantry Battalion.



*SAME VEHICLE AS SHOWN IN FIGURE 15-7 BATTALION COMMAND NET.

Figure 15-23. Type Employment, AM Radio Equipment, Mechanized Infantry Battalion.

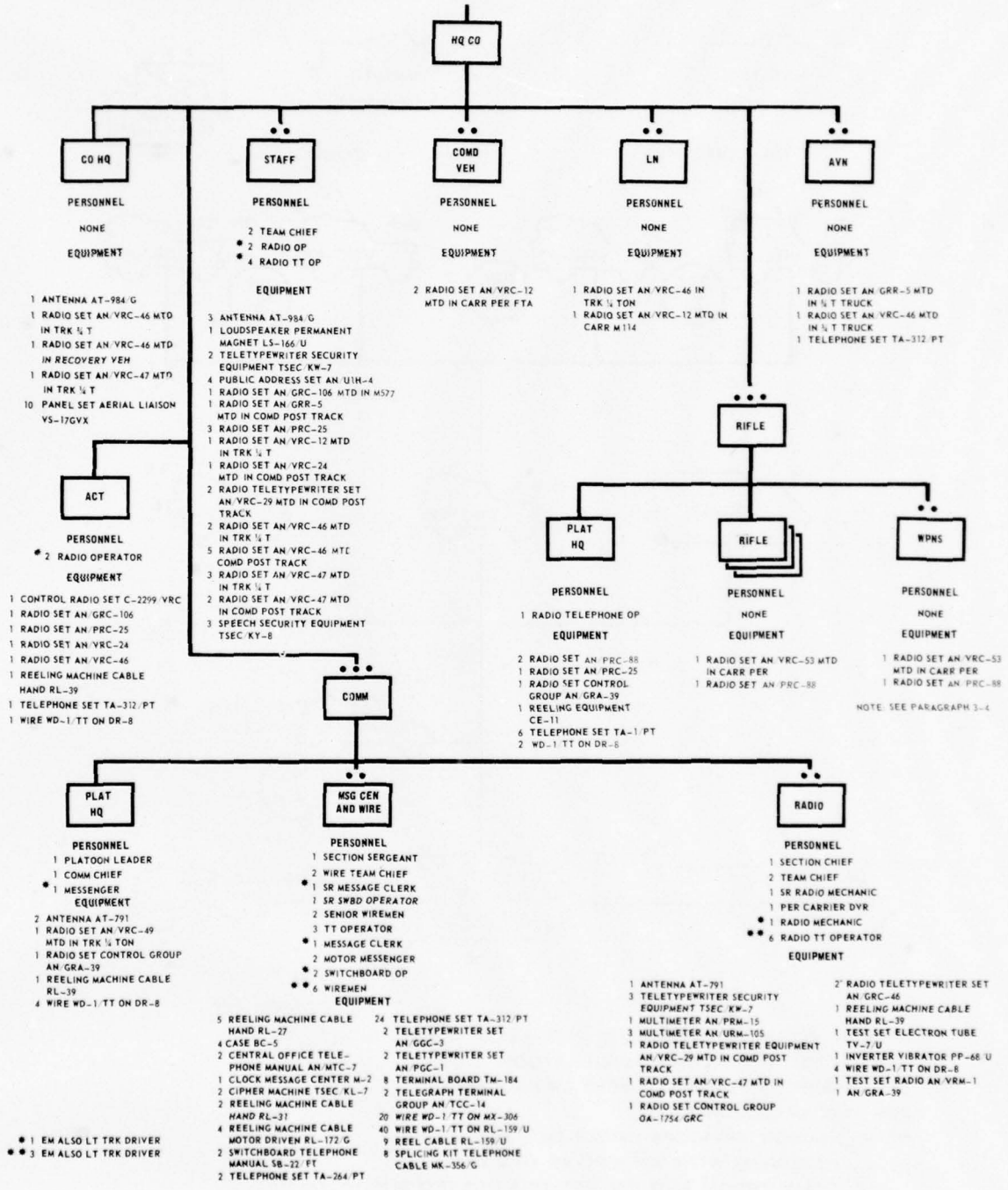
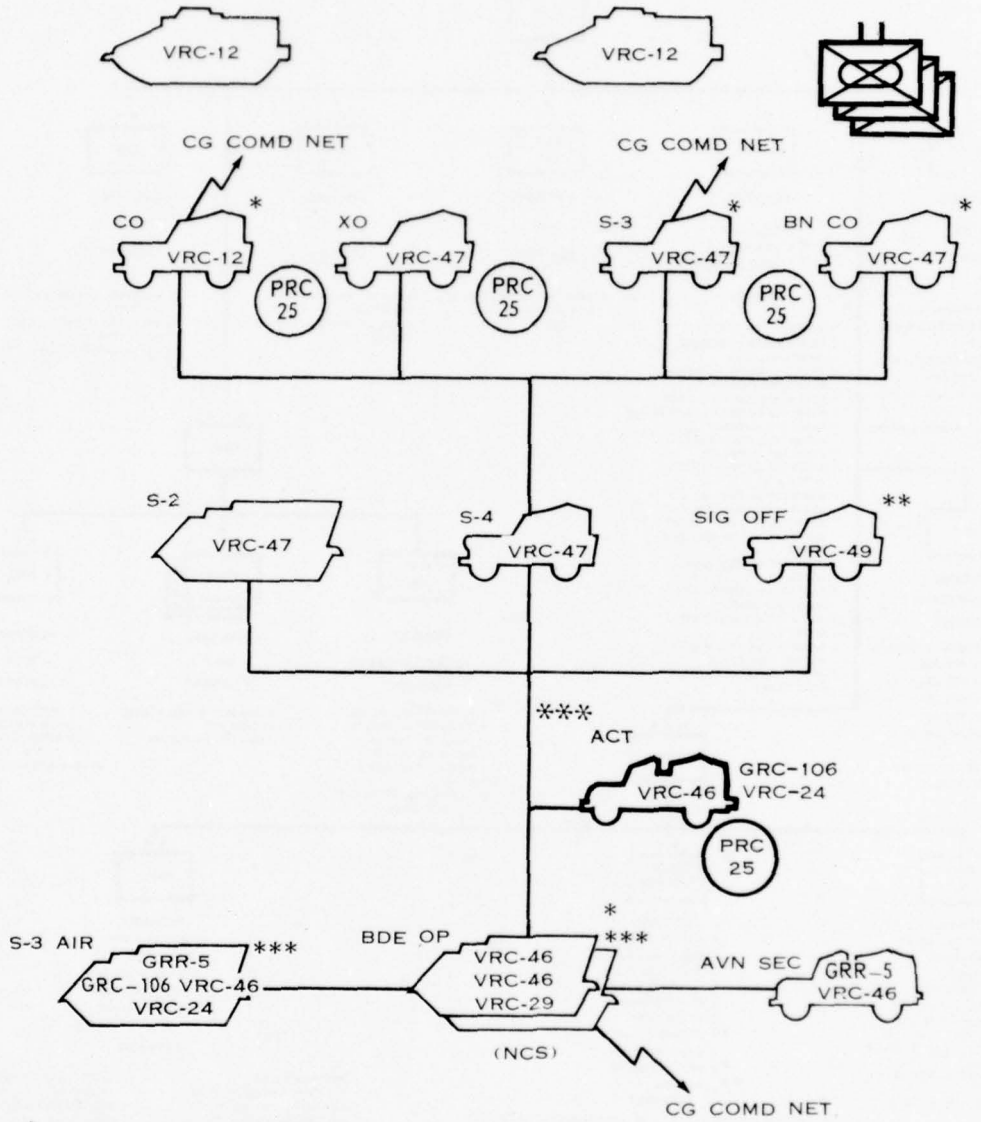
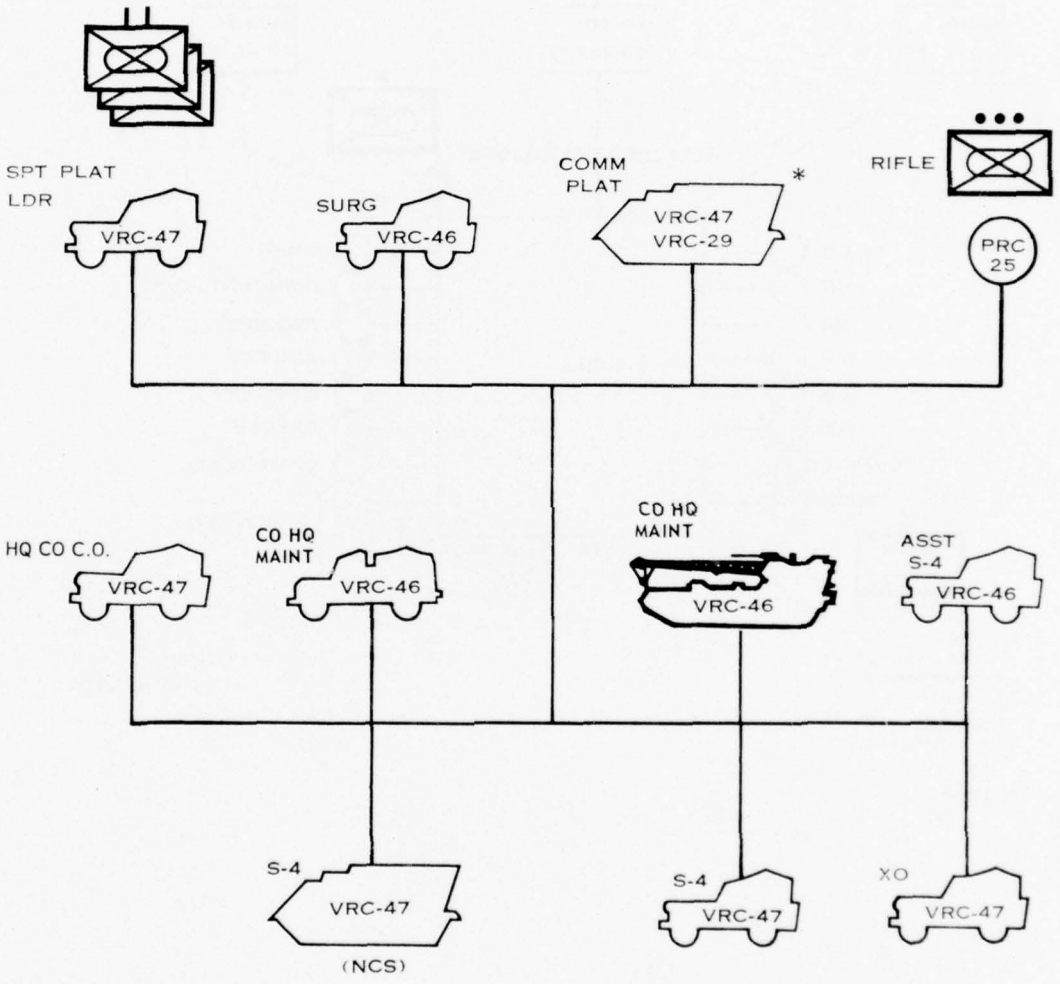


Figure 15-24. Communication Personnel and Equipment, Headquarters and Headquarters Company, Mechanized Brigade.



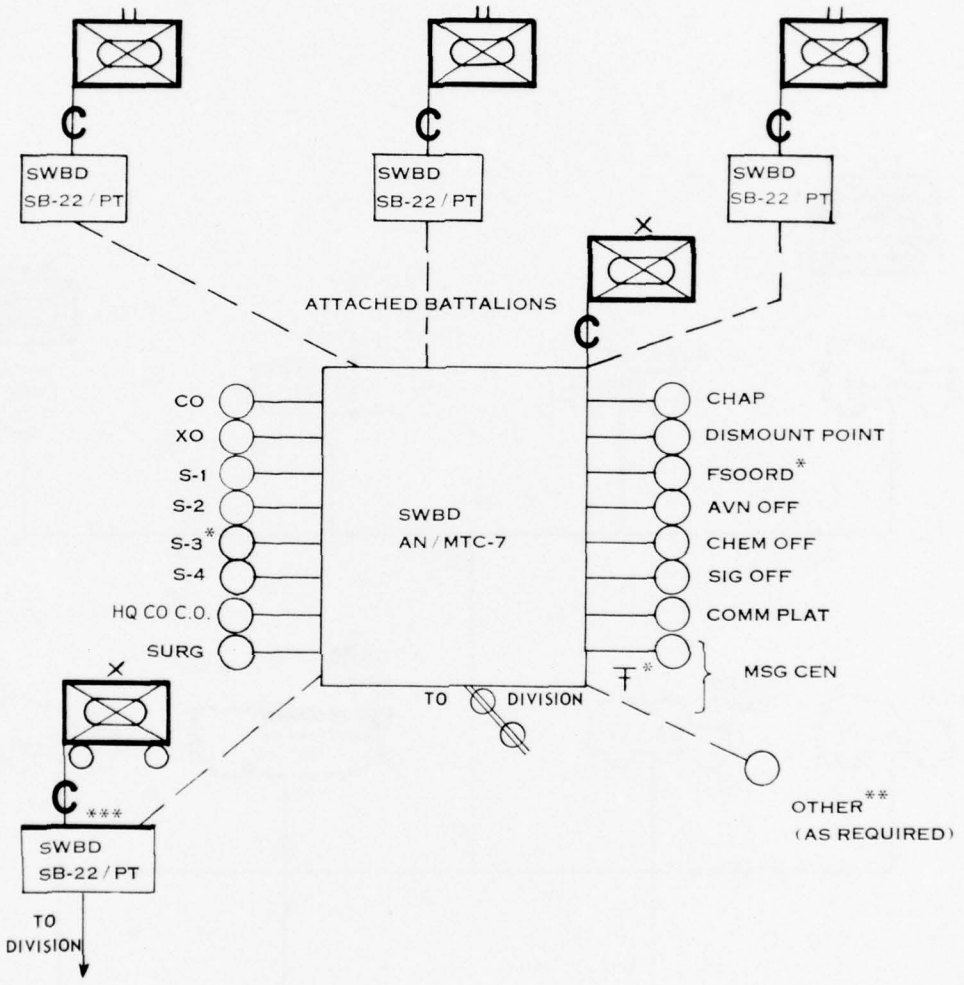
*SPEECH SECURITY EQUIPMENT INSTALLED. (1 EACH)
**ORGANIC TO COMMUNICATION PLATOON.
***SEE FIGURE 15-28 (EMPLOYMENT AM EQUIPMENT) FOR USE OF EQUIPMENT.
NOTE: LIAISON OFFICERS ENTER NET AS REQUIRED WITH AN/VRC-46 MTD IN 1/4 T TRUCK AND AN/VRC-12 MOUNTED IN M114.

Figure 15-25. Type Command Net, Mechanized Brigade.



*SEE FIGURE 15-28 (EMPLOYMENT, AM RADIO EQUIPMENT) FOR USE OF EQUIPMENT.

Figure 15-26. Type Logistical Net, Mechanized Brigade.



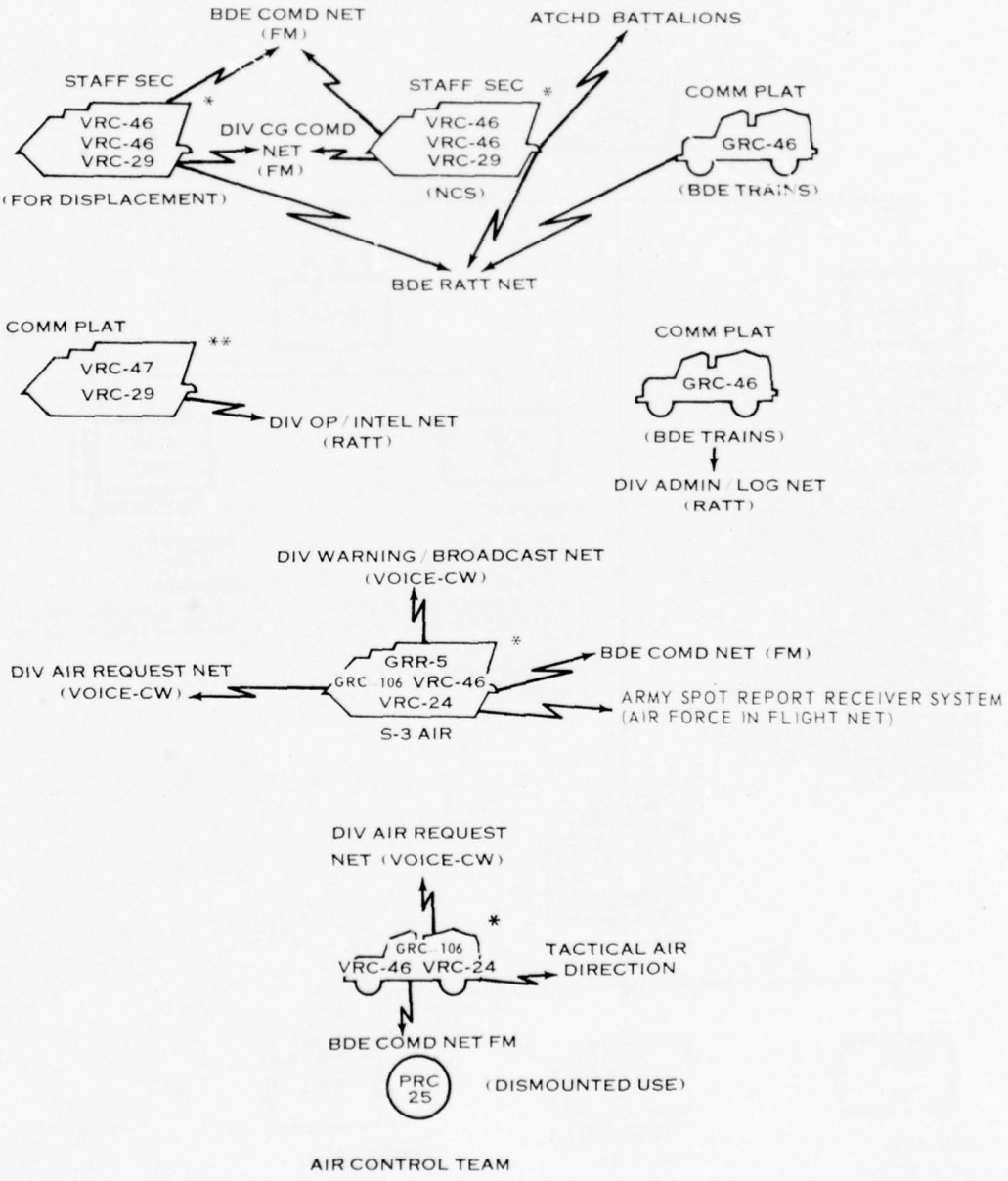
NOTES:

*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.

***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 15-27. Type Wire System, Mechanized Brigade.



*SAME VEHICLES AND EQUIPMENT AS ON BRIGADE COMMAND NET (FIGURE 15-25).

**SAME VEHICLES AND EQUIPMENT AS ON BRIGADE LOGISTICAL NET (FIGURE 15-26).

Figure 15-28. Type Employment, AM Radio Equipment, Mechanized Brigade.

CHAPTER 16

COMMUNICATIONS - SEPARATE LIGHT INFANTRY BATTALION AND BRIGADE

TOE--HHC Bde - 77-102T; HHC Bn - 7-176T, Rifle Co - 7-177T, CSC - 7-178T

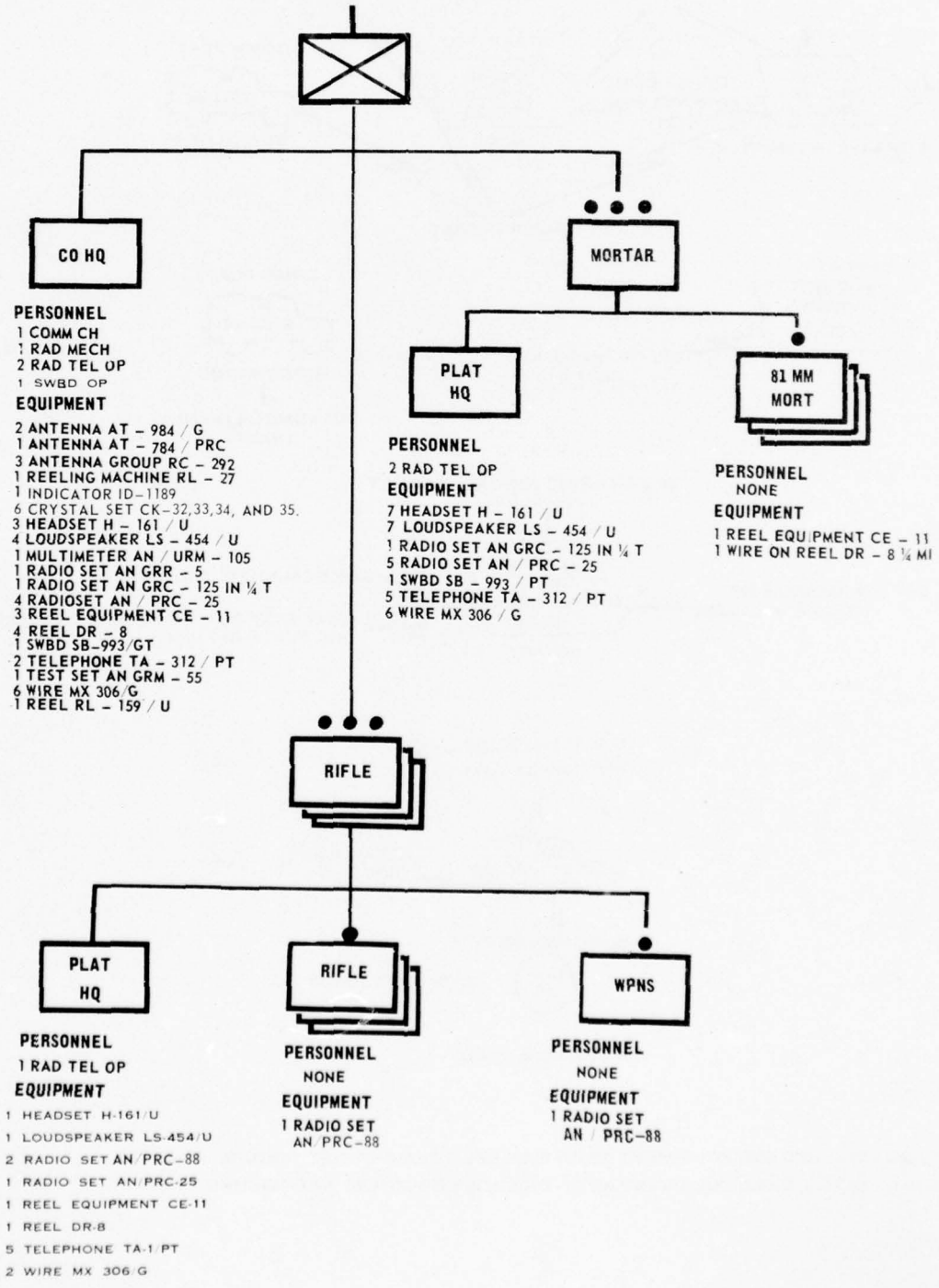


Figure 16-1. Communication Personnel and Equipment, Rifle Company, Infantry Battalion, Separate Light Infantry Brigade.

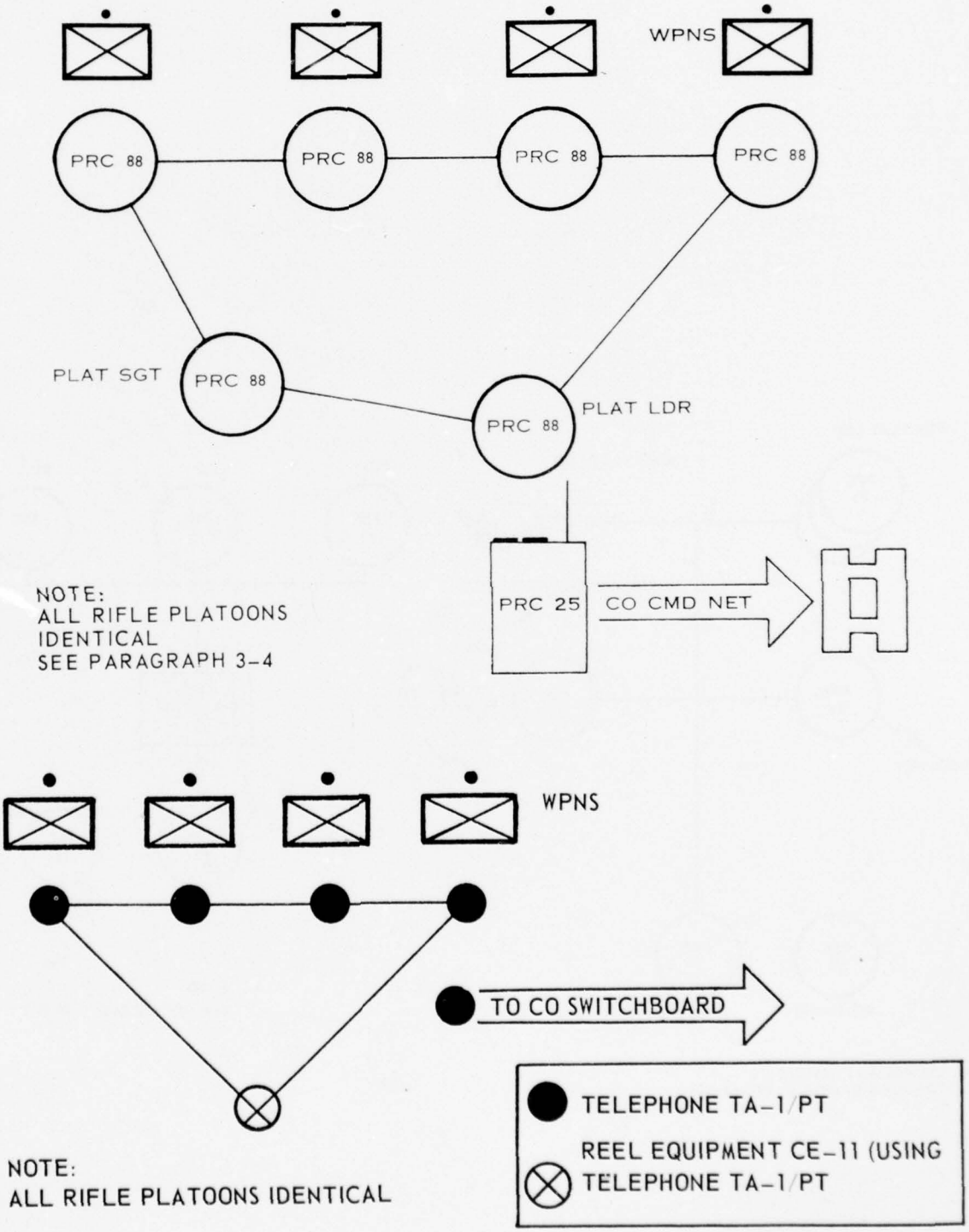


Figure 16-3. Type Rifle Platoon Wire System, Infantry Rifle Company, Separate Light Infantry Brigade.

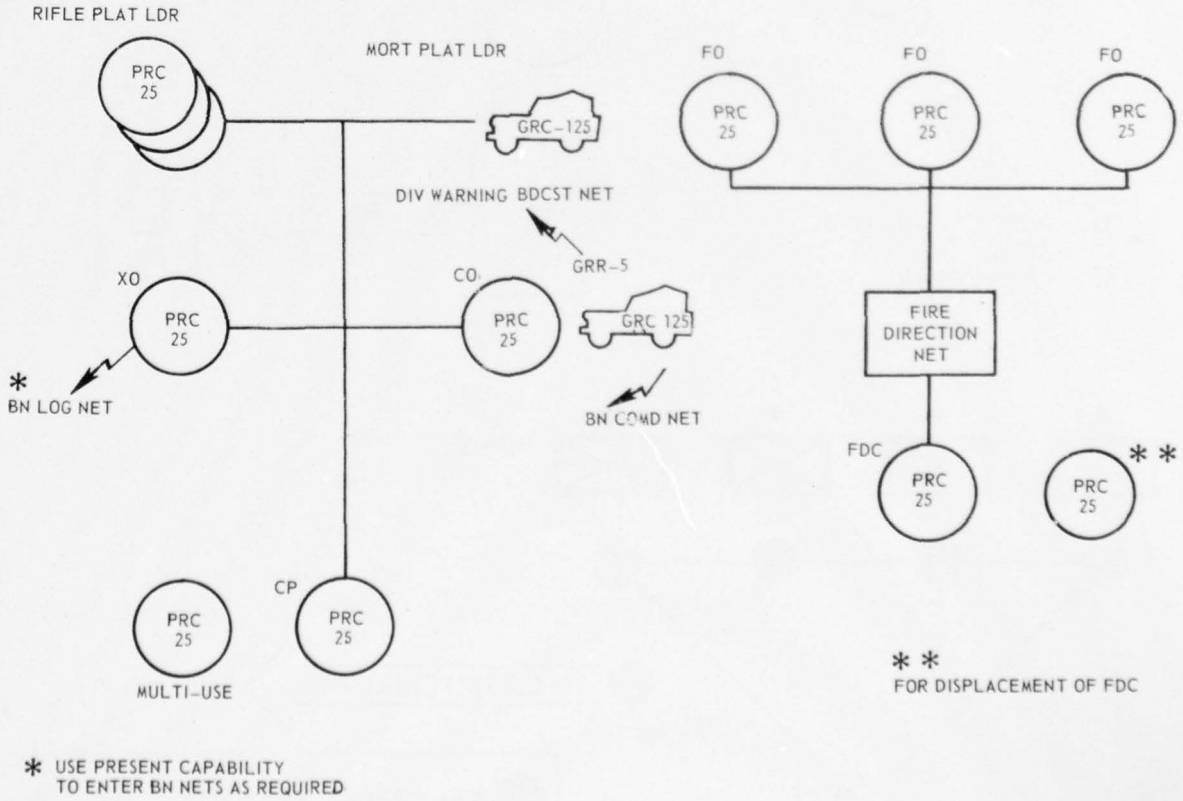
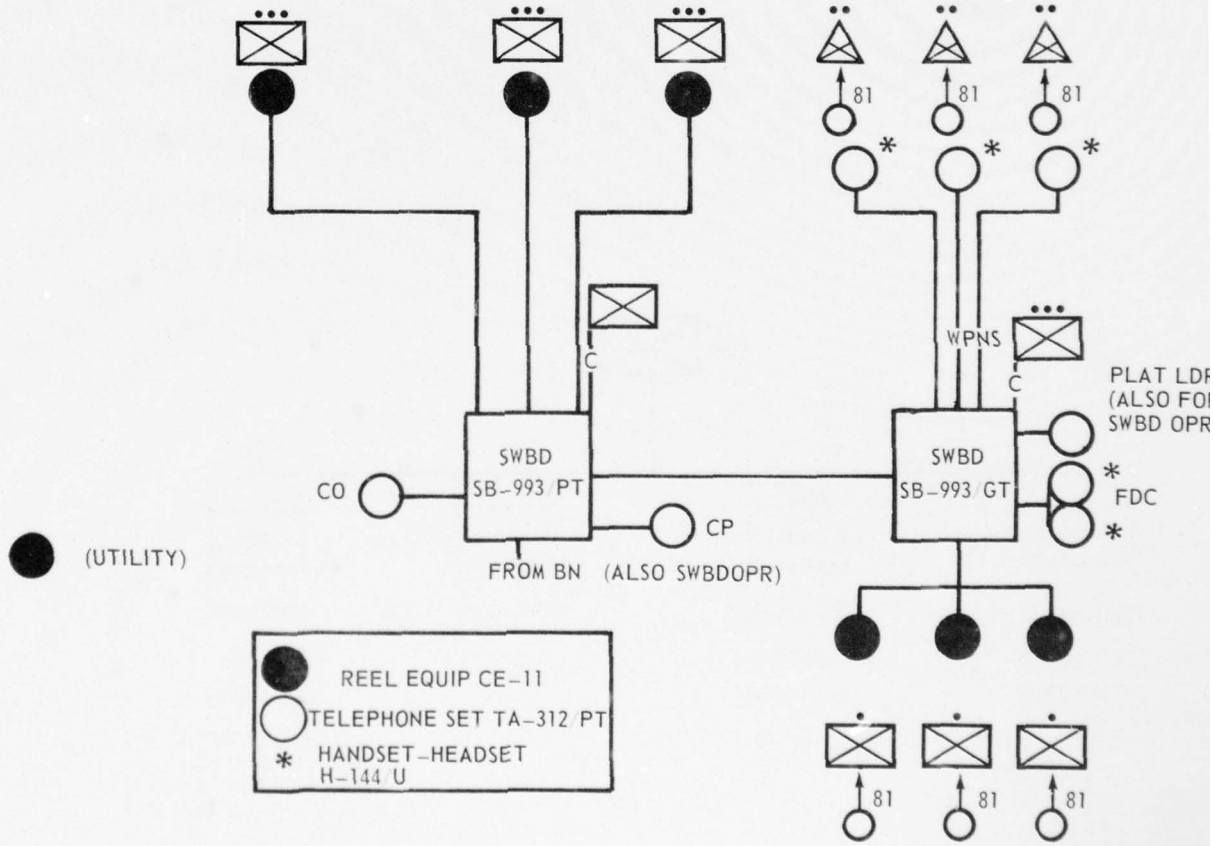


Figure 16-4. Type Radio Nets, Rifle Company, Infantry Battalion, Separate Light Infantry Brigade.



58337 Sig 9

Figure 16-5. Type Wire System, Rifle Company, Infantry Battalion.

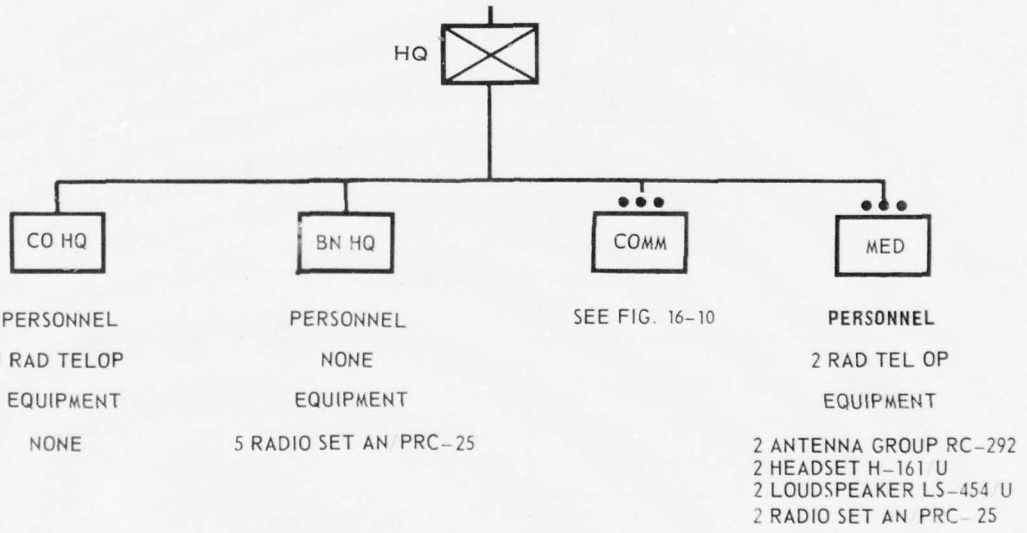
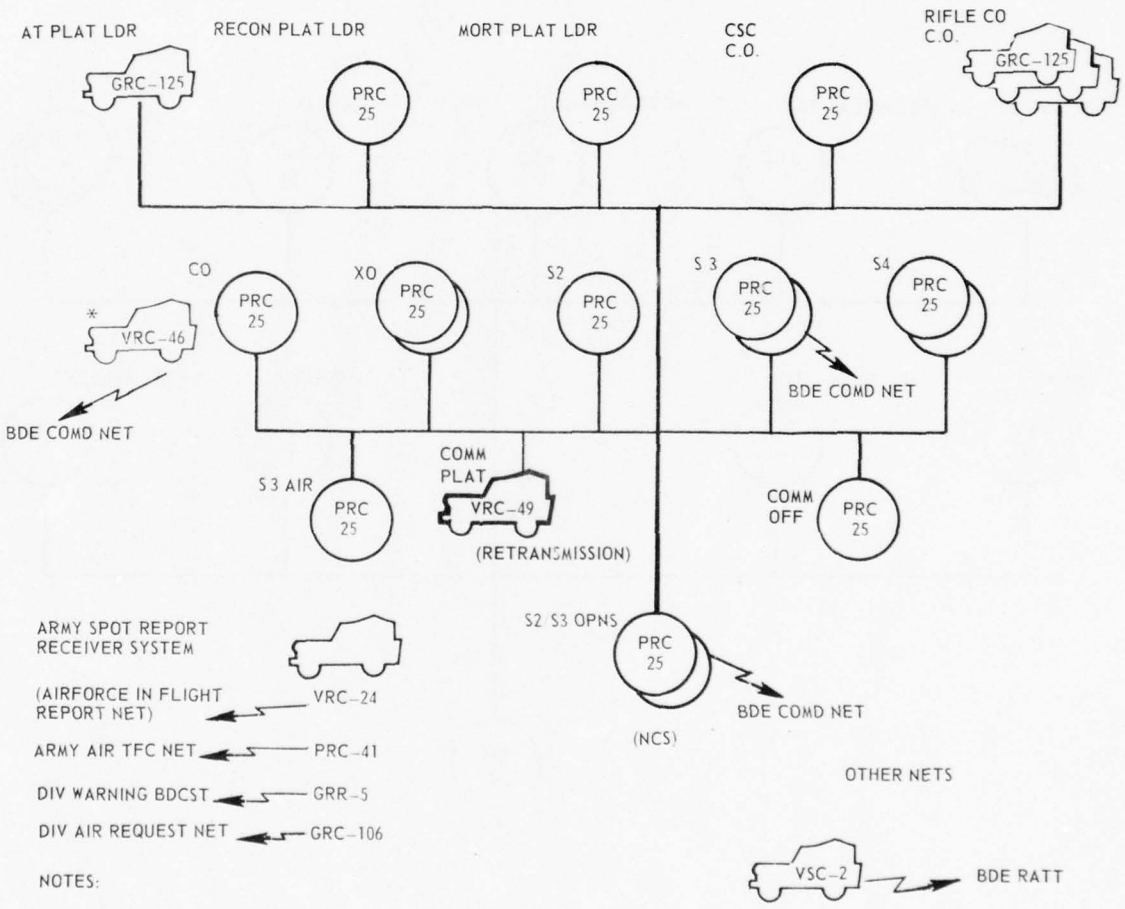


Figure 16-6. Communication Personnel and Equipment, Headquarters and Headquarters Company, Infantry Battalion, Separate Light Infantry Brigade.



NOTES:

* AN/ASC-5, WHICH INCLUDES 1 ARC-102, 3 VRC-46, AND 1 VRC-24, WILL BE USED BY THE BN CO, IN AN ATTACHED HELICOPTER, AS A HELIBORNE CP.

1 LO ENTERS NET WITH PRC-25
5 PRC-47'S WILL BE ISSUED TO THE COMPANIES AS REQUIRED FOR A SPECIAL PURPOSE LONG RANGE NET.

Figure 16-7. Type Command Net, Infantry Battalion, Separate Light Infantry Brigade.

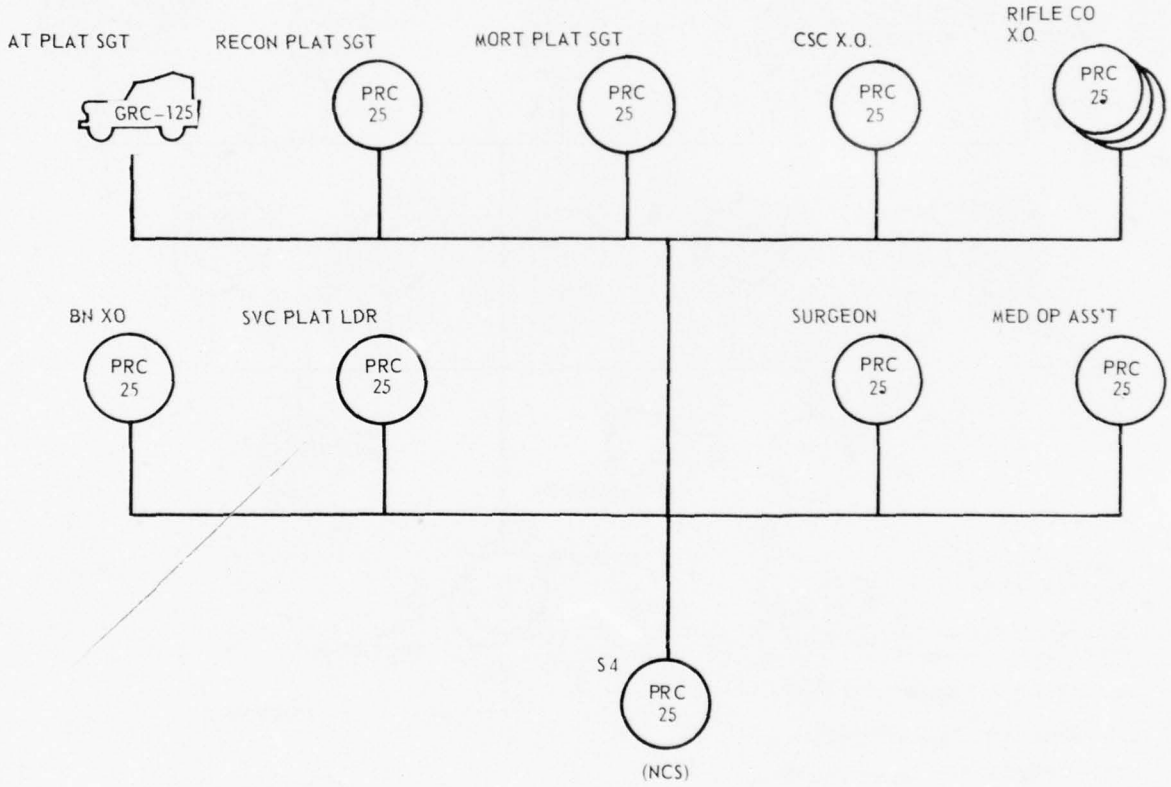
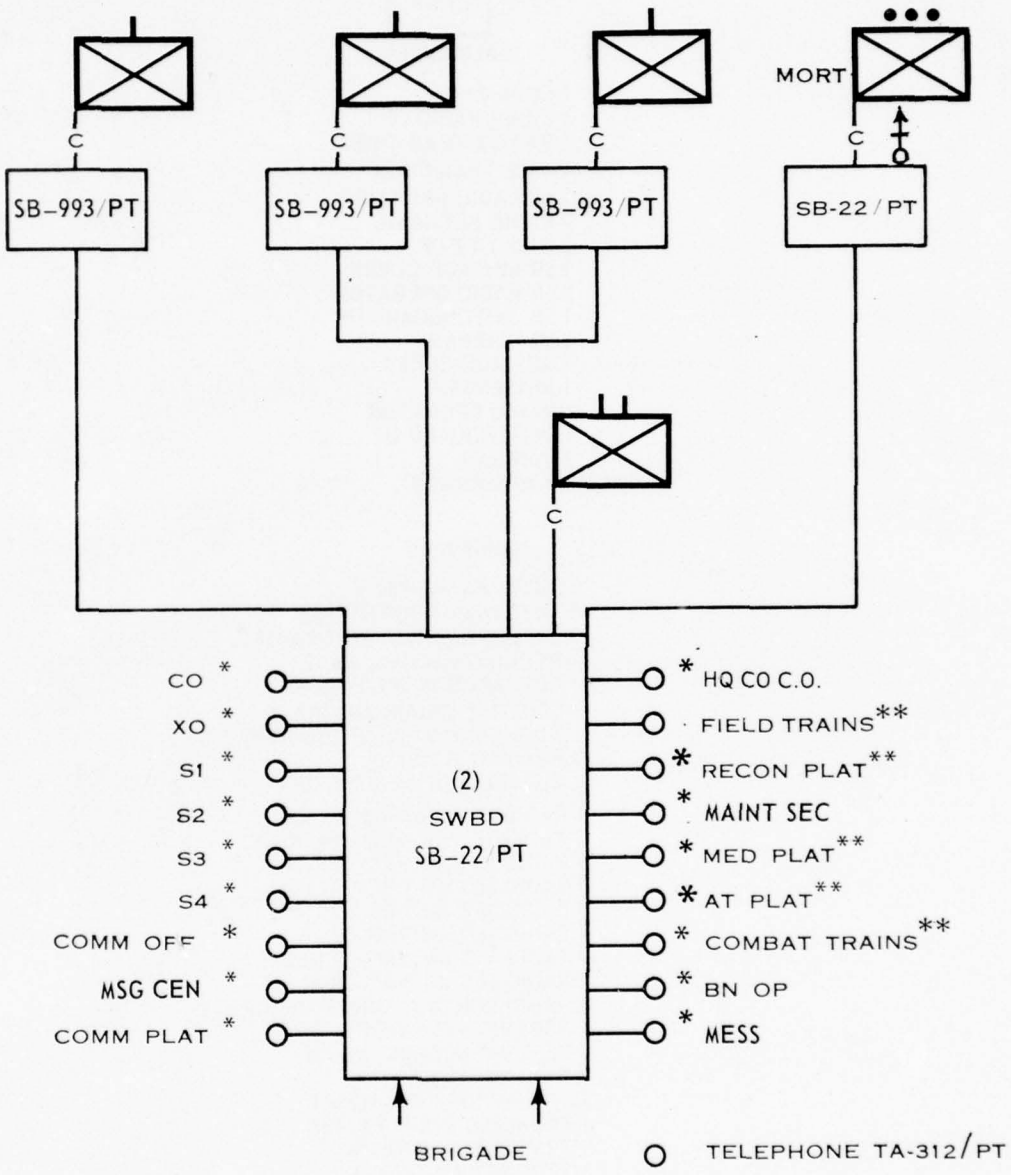


Figure 16-8. Type Logistical Net, Infantry Battalion, Separate Light Infantry Brigade.



*ORGANIC TO COMMUNICATION PLATOON
**TIE INTO BN WIRE SYSTEM
AT NEAREST SWITCHBOARD

Figure 16-9. Type Wire System, Infantry Battalion, Separate Light Infantry Brigade.



PERSONNEL

1 COMM CHIEF
1 CHIEF RADIO OP
1 RAD TT TEAM CHIEF
1 WIRE TEAM CHIEF
2 SR RADIO MECHANIC
2 RADIO MECHANIC
2 RADIO TT OP
1 SR MESSAGE CLERK
3 SR RADIO OPERATOR
1 SR SWITCHBOARD OP
1 SR WIREMAN
3 MESSAGE CLERK
1 MESSENGER
4 RADIO OPERATOR
1 SWITCHBOARD OP
3 WIREMAN
1 A MESSENGER

EQUIPMENT

1 ANTENNA AT-984/G
8 ANTENNA GROUP RC -292
2 ANTENNA GROUP AN/GRA-50
1 REELING MACHINE RL-27
1 INDICATOR ID 292/PRC-6
1 CONTROL GROUP AN/GRA-6
1 TT SECURITY EQUIP TSEC/KW-7
3 HEADSET H-161/U
4 MULTIMETER AN/URM-105
1 RADIO SET AN/GRR-5
1 RADIO SET AN/GRC-106 IN ¼T
9 RADIO SET AN/PRC-25
1 RADIO SET AN/PRC-41
5 RADIO SET AN/PRC-47
1 RADIO SET AN/VRC-24
1 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO SET AN/VRC-49 IN ½ T
6 RADIO CONTROL GROUP AN/GRA-39
6 REELING MACHINE RL-39
2 REELING MACHINE RL-31
2 SWBD SB-22/PT
24 TELEPHONE TA-312/PT
4 TERMINAL STRIP TM-184
1 TEST SET AN/GRM-55
1 TEST SET AN/VRM-1
1 TEST SET TV-7/U
1 VIBRATOR PACK PP-68/U
6 WIRE REEL DR-8 ¼ MI
20 WIRE MX 306/G
6 REEL RL-159/U
1 COMMUNICATIONS CENTRAL AN/ASC-5
2 RADIO SET CONTROL GROUP AN/GRA-74
1 RADIO TELETYPEWRITER SET AN/VSC-2

Figure 16-10. Communications Personnel and Equipment, Communications Platoon, Infantry Battalion, Separate Light Infantry Brigade.



PERSONNEL

1 COMM CHIEF
2 RAD TEL OP

EQUIPMENT

3 ANTENNA GROUP RC-292
3 LOUDSPEAKER LS-454/U
1 MULTIMETER AN/URM-105
1 RADIO SET AN/GRR-5
3 RADIO SET AN/PRC-25
1 REELING MACHINE RL-39
2 REEL DR-8
3 TELEPHONE SET TA-312/PT
1 TEST SET AN/GRM-55
6 WIRE MX-306/G

Figure 16-11. Communication Personnel and Equipment, Company Headquarters Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.

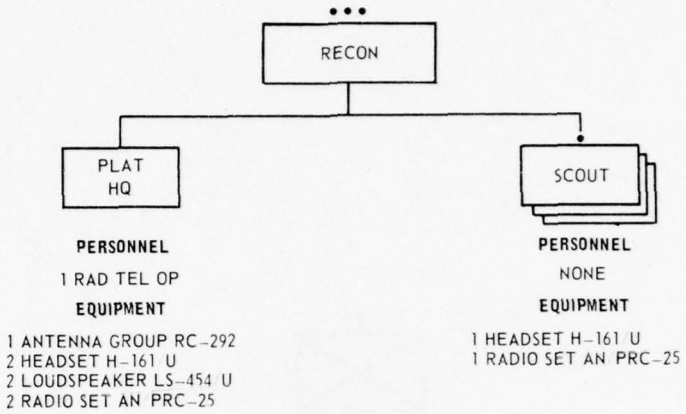


Figure 16-12. Communication Personnel and Equipment, Reconnaissance Platoon, Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.

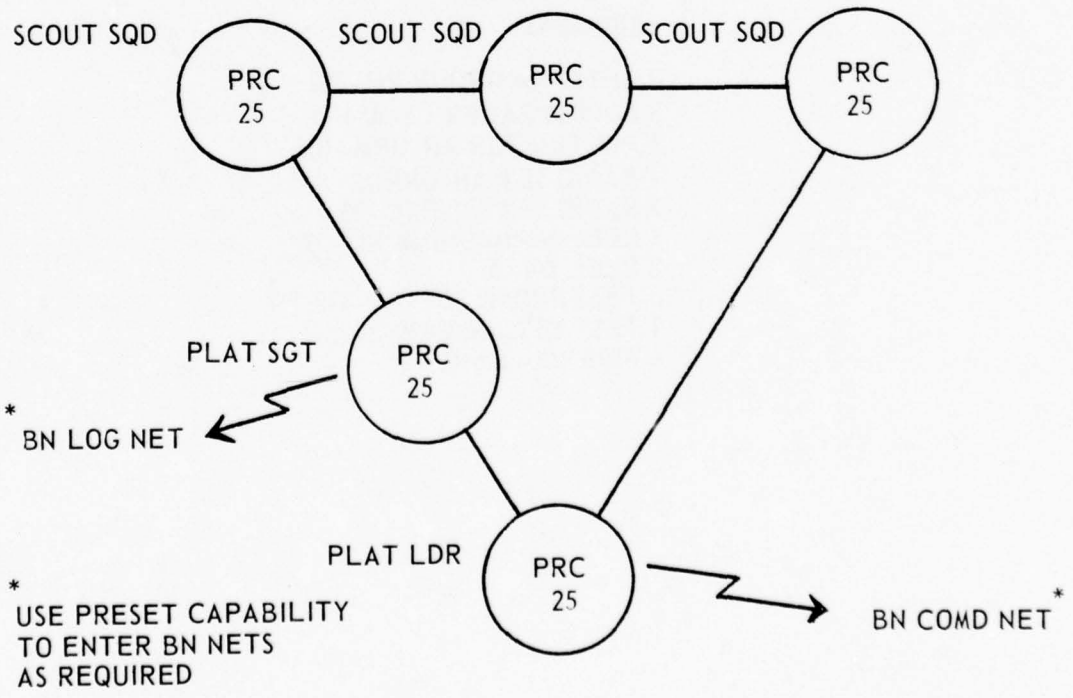


Figure 16-13. Type Radio Net, Reconnaissance Platoon, Combat Support Caompny, Infantry Battalion, Separate Light Infantry Brigade.

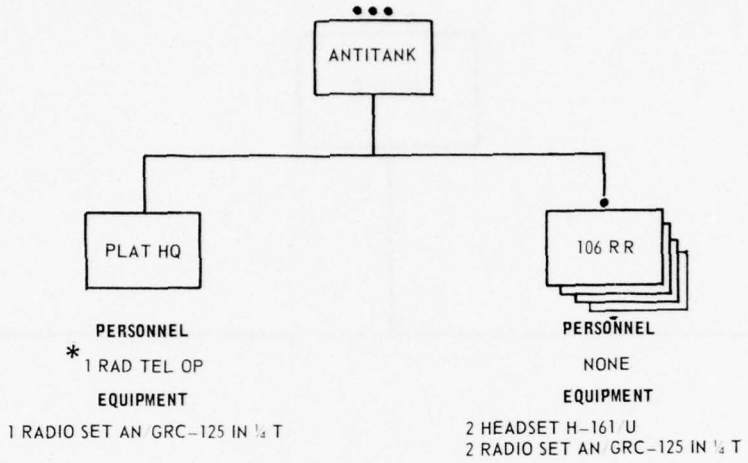


Figure 16-14. Communication Personnel and Equipment, Antitank Platoon, Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.

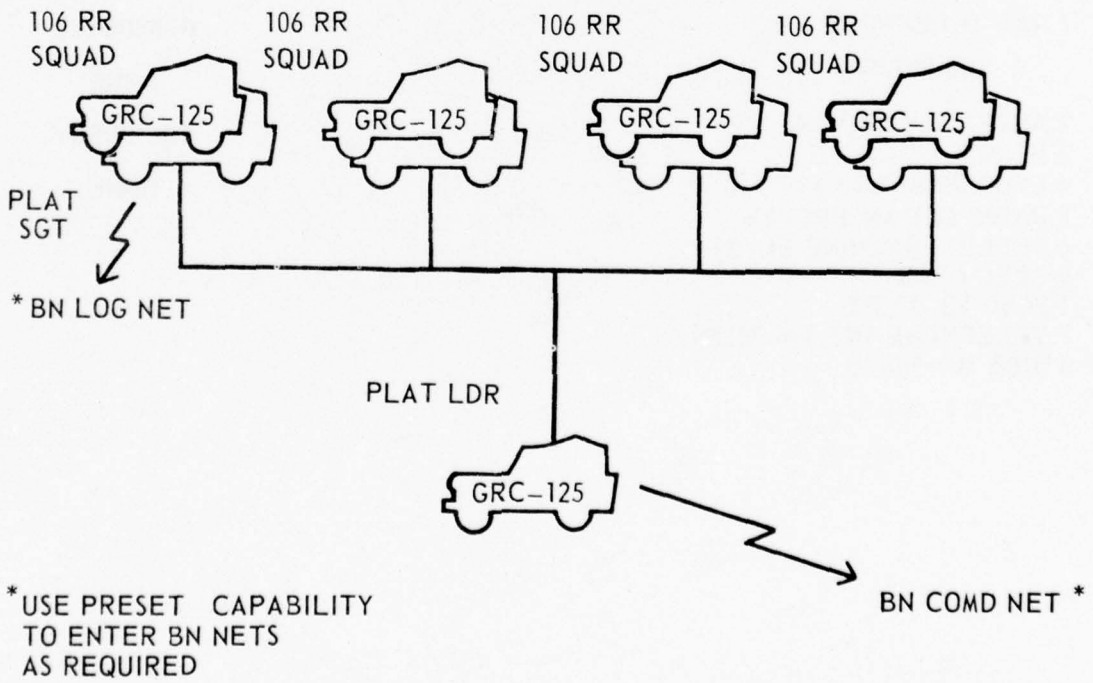
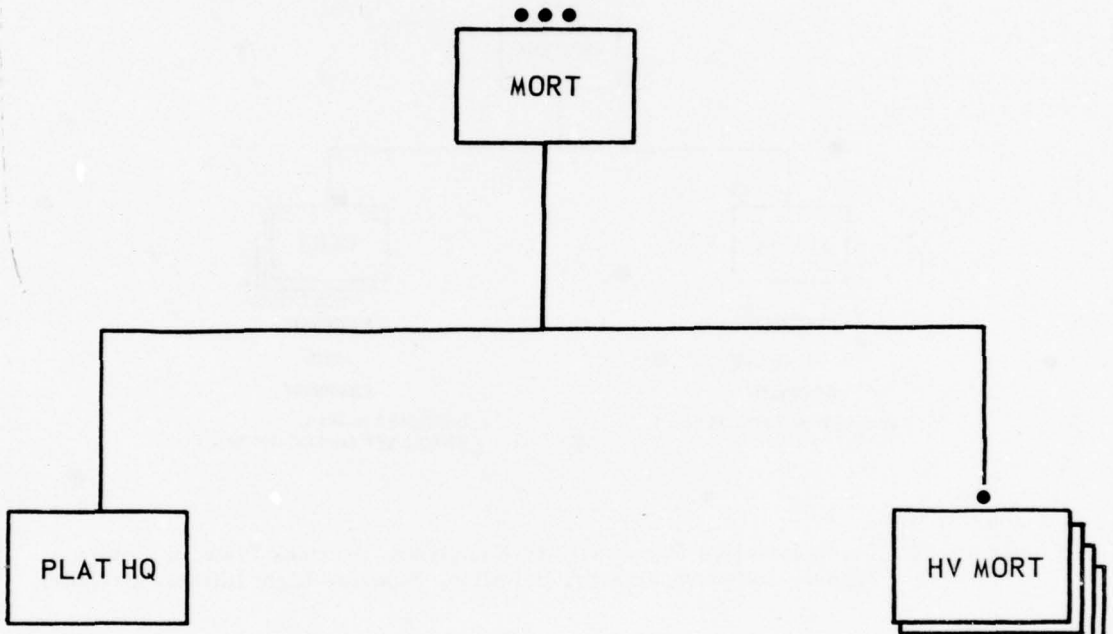


Figure 16-15. Type Radio Net, Antitank Platoon, Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.



PERSONNEL

7 RAD TELEPHONE OP

EQUIPMENT

2 ANTENNA GROUP RC-292
2 HEADSET H-161/U
4 LOUDSPEAKER LS-454/U
8 RADIO SET AN/PRC-25
6 REELING MACHINE RL-39
6 REEL DR-8
1 SWBD SB-22/PT
7 TELEPHONE SET TA-312PT
4 WIRE MX-306/G

PERSONNEL

NONE

EQUIPMENT

NONE

Figure 16-16. Communication Personnel and Equipment, Mortar Platoon, Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.

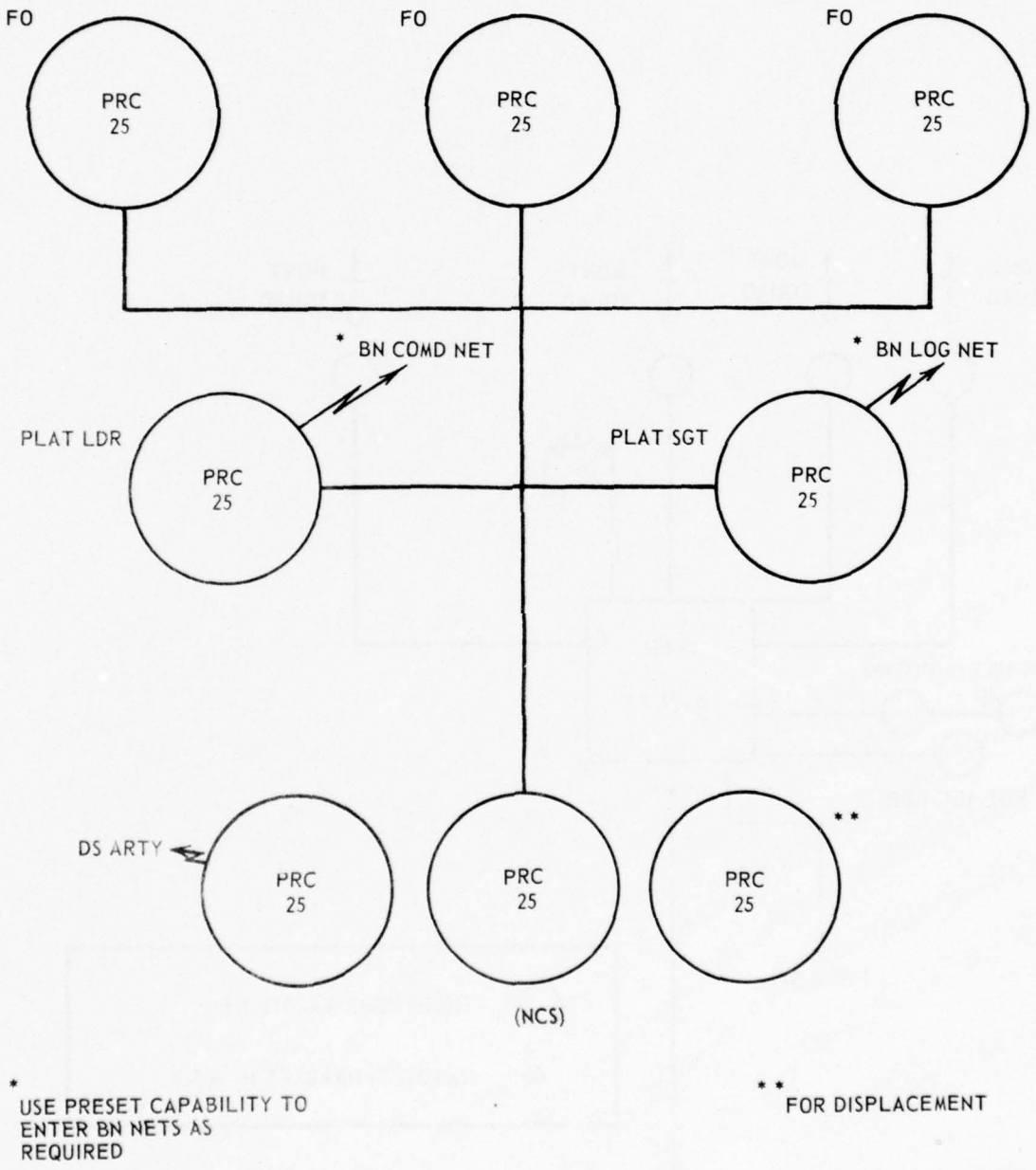


Figure 16-17. Type Fire Direction Net, Mortar Platoon, Combat Support Company, Infantry Battalion, Separate Light Infantry Brigade.

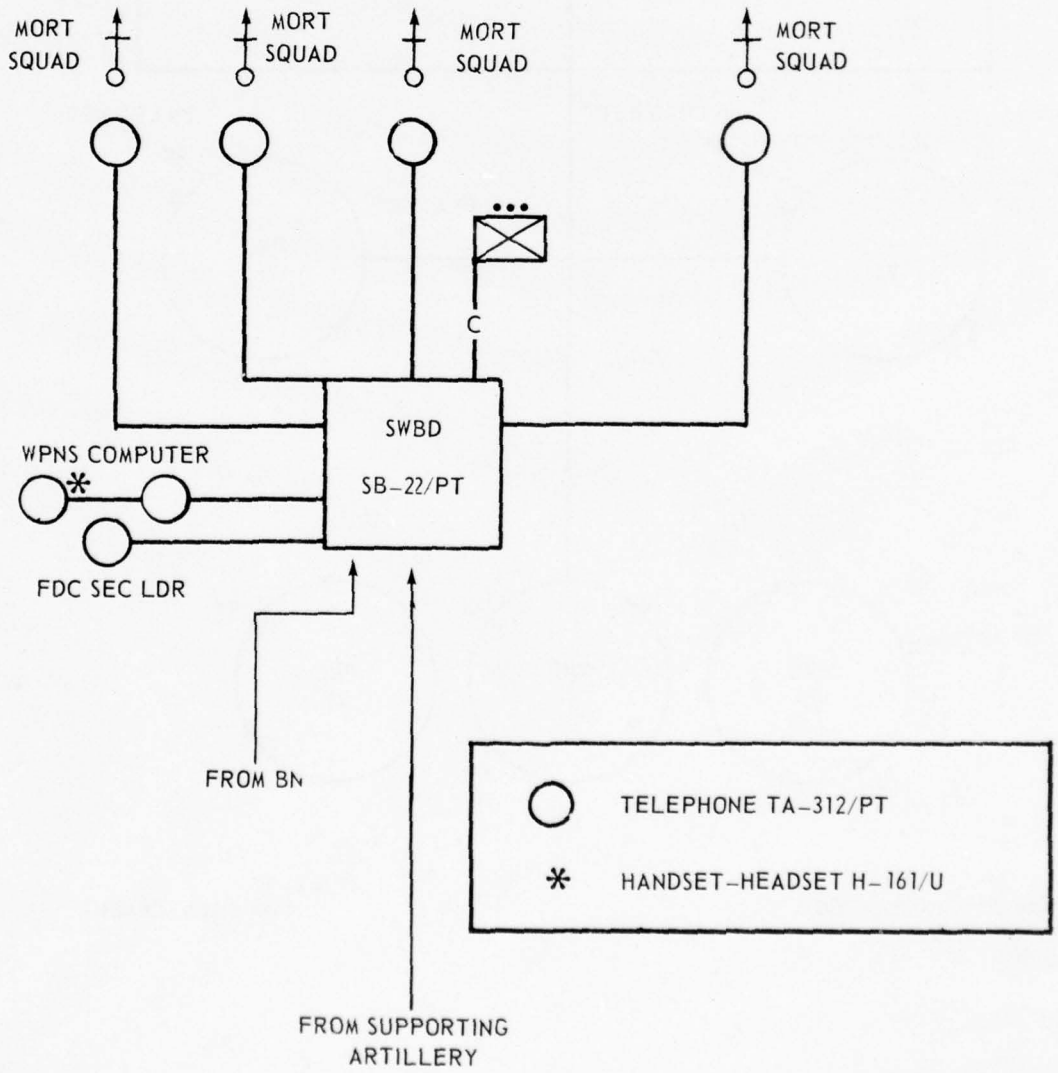
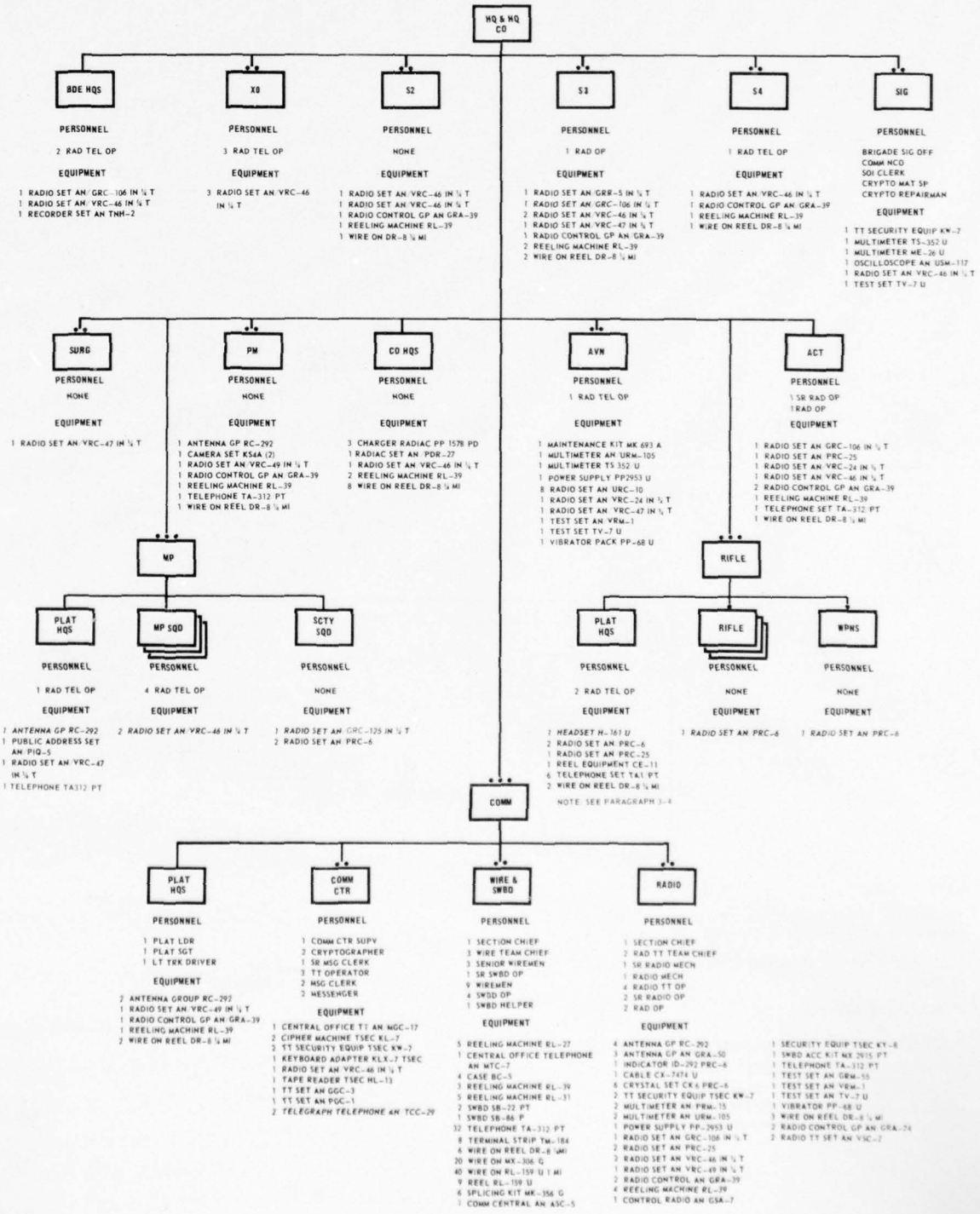
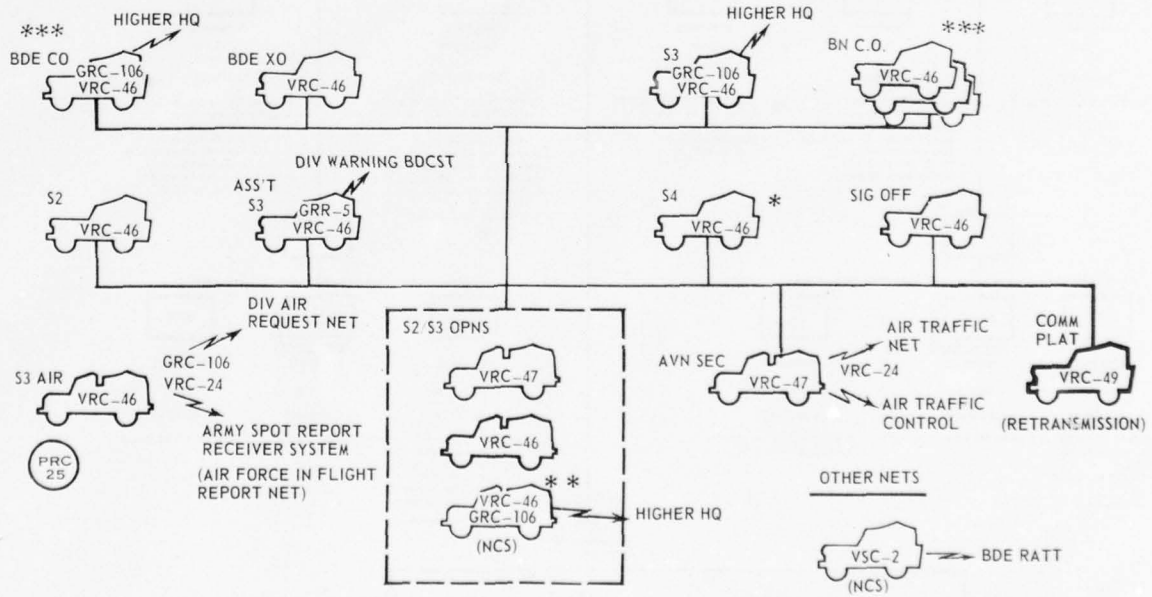


Figure 16-18. Type Wire System, Heavy Mortar Platoon, Infantry Battalion, Separate Light Infantry Brigade.


HQ & HQ CO
BDE HQS
PERSONNEL
2 RAD TEL OP
EQUIPMENT
1 RADIO SET AN/GRC-106 IN ¼ T
1 RADIO SET AN/VRC-46 IN ¼ T
1 RECORDER SET AN TNH-2
XO
PERSONNEL
3 RAD TEL OP
EQUIPMENT
3 RADIO SET AN/VRC-46 IN ¼ T
S2
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO CONTROL GP AN GRA-39
1 REELING MACHINE RL-39
1 WIRE ON DR-8 ¼ MI
S3
PERSONNEL
1 RAD OP
EQUIPMENT
1 RADIO SET AN/GRR-5 IN ¼ T
1 RADIO SET AN/GRC-106 IN ¼ T
2 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO SET AN/VRC-47 IN ¼ T
1 RADIO CONTROL GP AN/GRA-39
2 REELING MACHINE RL-39
2 WIRE ON REEL DR-8 ¼ MI
S4
PERSONNEL
1 RAD TEL OP
EQUIPMENT
1 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO CONTROL GP AN/GRA-39
1 REELING MACHINE RL-39
1 WIRE ON REEL DR-8 ¼ MI
SIG
PERSONNEL
BRIGADE SIG OFF
COMM NCO
SOI CLERK
CRYPTO MAT SP
CRYPTO REPAIRMAN
EQUIPMENT
1 TT SECURITY EQUIP KW-7
1 MULTIMETER TS-352 U
1 MULTIMETER ME-26 U
1 OSCILLOSCOPE AN/USM-117
1 RADIO SET AN/VRC-46 IN ¼ T
1 TEST SET TV-7 U
SURG
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/VRC-47 IN ¼ T
PM
PERSONNEL
NONE
EQUIPMENT
1 ANTENNA GP RC-292
1 CAMERA SET KS4A (2)
1 RADIO SET AN/VRC-49 IN ¼ T
1 RADIO CONTROL GP AN/GRA-39
1 REELING MACHINE RL-39
1 TELEPHONE TA-312/PT
1 WIRE ON REEL DR-8 ¼ MI
CO HQS
PERSONNEL
NONE
EQUIPMENT
3 CHARGER RADIAC PP-1578/PD
1 RADIAC SET AN/PDR-27
1 RADIO SET AN/VRC-46 IN ¼ T
2 REELING MACHINE RL-39
8 WIRE ON REEL DR-8 ¼ MI
AVN
PERSONNEL
1 RAD TEL OP
EQUIPMENT
1 MAINTENANCE KIT MK-693 A
1 MULTIMETER AN/URM-105
1 MULTIMETER TS-352 U
1 POWER SUPPLY PP2953 U
8 RADIO SET AN/URC-10
1 RADIO SET AN/VRC-24 IN ¼ T
1 RADIO SET AN/VRC-47 IN ¼ T
1 TEST SET AN/VRM-1
1 TEST SET TV-7 U
1 VIBRATOR PACK PP-68 U
ACT
PERSONNEL
1 SR RAD OP
1 RAD OP
EQUIPMENT
1 RADIO SET AN/GRC-106 IN ¼ T
1 RADIO SET AN/PRC-25
1 RADIO SET AN/VRC-24 IN ¼ T
1 RADIO SET AN/VRC-46 IN ¼ T
2 RADIO CONTROL GP AN/GRA-39
1 REELING MACHINE RL-39
1 TELEPHONE SET TA-312/PT
1 WIRE ON REEL DR-8 ¼ MI
MP
PLAT HQS
PERSONNEL
1 RAD TEL OP
EQUIPMENT
1 ANTENNA GP RC-292
1 PUBLIC ADDRESS SET AN/PIQ-5
1 RADIO SET AN/VRC-47 IN ¼ T
1 TELEPHONE TA312/PT
MP SQD
PERSONNEL
4 RAD TEL OP
EQUIPMENT
2 RADIO SET AN/VRC-46 IN ¼ T
SCTY SQD
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/GRC-125 IN ¼ T
2 RADIO SET AN/PRC-6
RIFLE
PLAT HQS
PERSONNEL
2 RAD TEL OP
EQUIPMENT
1 HEADSET H-161 U
2 RADIO SET AN/PRC-6
1 RADIO SET AN/PRC-25
1 REEL EQUIPMENT CE-11
6 TELEPHONE SET TA1/PT
2 WIRE ON REEL DR-8 ¼ MI
NOTE: SEE PARAGRAPH 3-4
RIFLE
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/PRC-6
WPNS
PERSONNEL
NONE
EQUIPMENT
1 RADIO SET AN/PRC-6
COMM
PLAT HQS
PERSONNEL
1 PLAT LDR
1 PLAT SGT
1 LT TRK DRIVER
EQUIPMENT
2 ANTENNA GROUP RC-292
1 RADIO SET AN/VRC-49 IN ¼ T
1 RADIO CONTROL GP AN/GRA-39
1 REELING MACHINE RL-39
2 WIRE ON REEL DR-8 ¼ MI
COMM CTR
PERSONNEL
1 COMM CTR SUPV
2 CRYPTOGRAPHER
1 SR MSG CLERK
3 TT OPERATOR
2 MSG CLERK
2 MESSENGER
EQUIPMENT
1 CENTRAL OFFICE TT AN/MGC-17
2 CIPHER MACHINE TSEC KL-7
2 TT SECURITY EQUIP TSEC KW-7
1 KEYBOARD ADAPTER KLK-7 TSEC
1 RADIO SET AN/VRC-46 IN ¼ T
1 TAPE READER TSEC HL-13
1 TT SET AN/GGC-3
1 TT SET AN/PGC-1
2 TELEGRAPH TELEPHONE AN/TCC-29
WIRE & SWBD
PERSONNEL
1 SECTION CHIEF
3 WIRE TEAM CHIEF
3 SENIOR WIREMEN
1 SR SWBD OP
9 WIREMEN
4 SWBD OP
1 SWBD HELPER
EQUIPMENT
5 REELING MACHINE RL-27
1 CENTRAL OFFICE TELEPHONE AN/MTC-7
4 CASE BC-5
3 REELING MACHINE RL-39
5 REELING MACHINE RL-31
2 SWBD SB-22/PT
1 SWBD SB-86/P
32 TELEPHONE TA-312/PT
8 TERMINAL STRIP TM-184
6 WIRE ON REEL DR-8 ¼MI
20 WIRE ON MX-306/G
40 WIRE ON RL-159/U 1 MI
9 REEL RL-159/U
6 SPLICING KIT MK-356/G
1 COMM CENTRAL AN/ASC-5
RADIO
PERSONNEL
1 SECTION CHIEF
2 RAD TT TEAM CHIEF
1 SR RADIO MECH
1 RADIO MECH
4 RADIO TT OP
2 SR RADIO OP
2 RAD OP
EQUIPMENT
4 ANTENNA GP RC-292
3 ANTENNA GP AN GRA-50
1 INDICATOR ID-292/PRC-6
1 CABLE CX-7474/U
6 CRYSTAL SET CK-6/PRC-6
2 TT SECURITY EQUIP TSEC KW-7
2 MULTIMETER AN/PRM-15
2 MULTIMETER AN URM-105
1 POWER SUPPLY PP-2953/U
1 RADIO SET AN/GRC-106 IN ¼ T
2 RADIO SET AN/PRC-25
3 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO SET AN/VRC-49 IN ¼ T
2 RADIO CONTROL AN/GRA-39
4 REELING MACHINE RL-39
1 CONTROL RADIO AN GSA-7
1 SECURITY EQUIP TSEC KY-8
1 SWBD ACC KIT MX 2915/PT
1 TELEPHONE TA-312/PT
1 TEST SET AN/GRM-55
1 TEST SET AN/VRM-1
1 TEST SET AN/TV-7 U
1 VIBRATOR PP-68 U
3 WIRE ON REEL DR-8 ¼ MI
2 RADIO CONTROL GP AN/GRA-74
2 RADIO TT SET AN/VSC-2



NOTE:

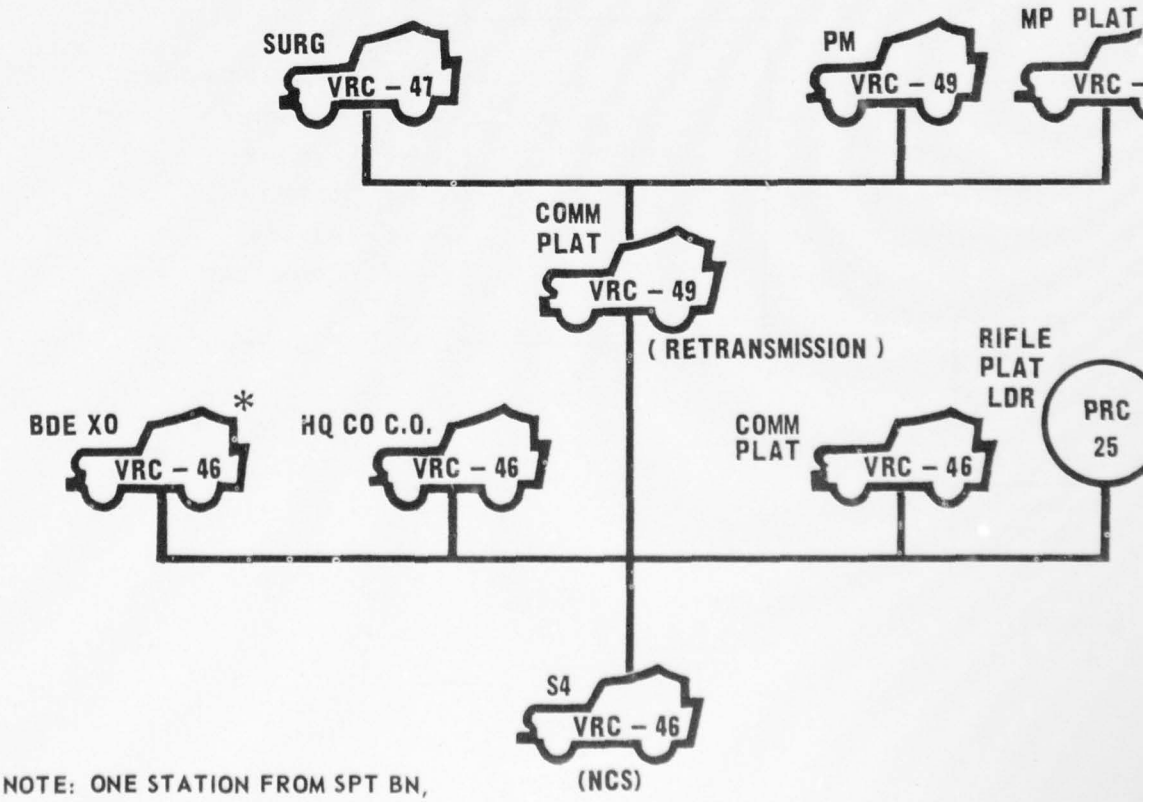
SPT BN, CAV TRP, ENG CO & ARTY BN C.O.
ENTER NET WITH ORGANIC EQUIPMENT.

2 L.O. ENTER NET AS REQUIRED WITH VRC-46
IN ¼T

* ENTER NET AS REQUIRED.

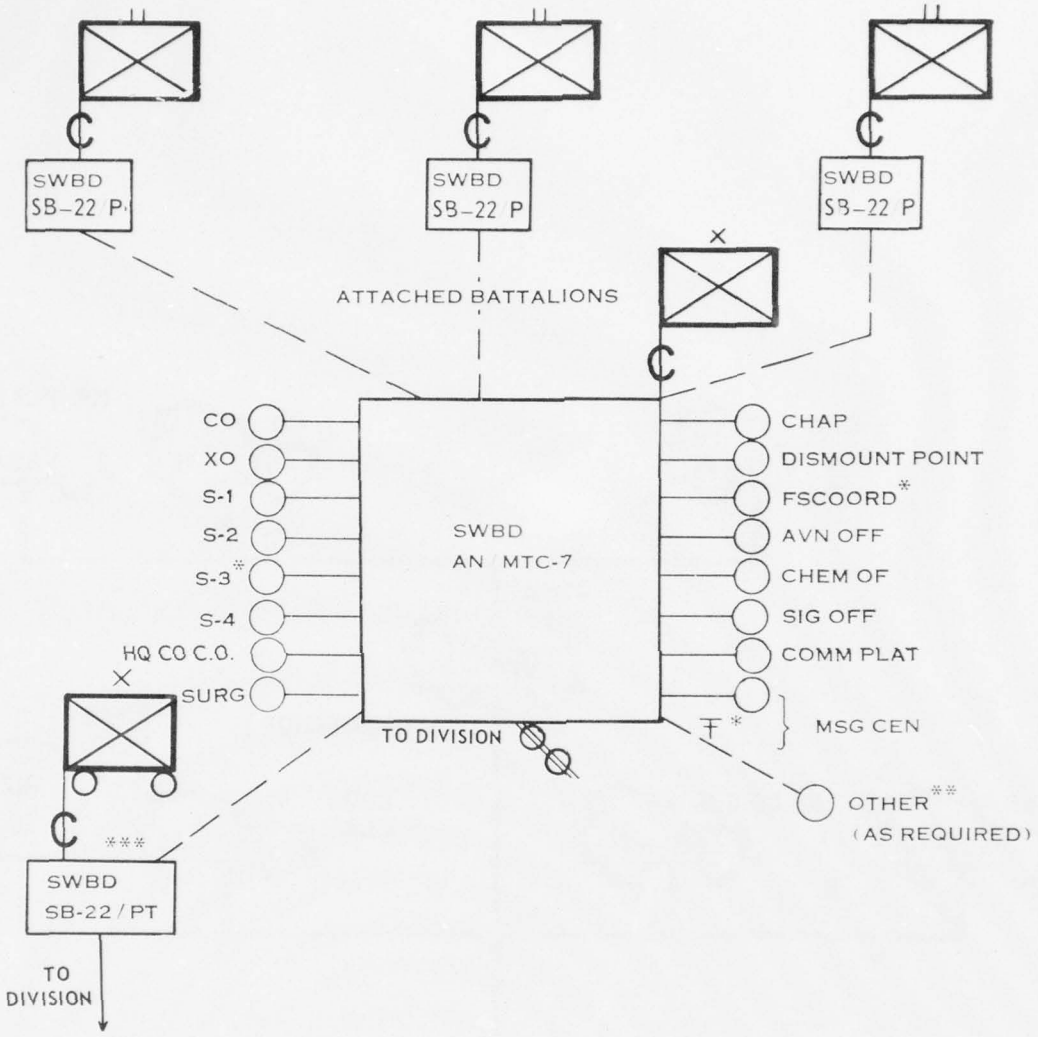
** EQUIPMENT ORGANIC TO COMM PLAT.

*** AN ASC-5, WHICH INCLUDES 1 ARC-102,
3 VRC-46, AND 1 VRC-24, WILL BE
USED BY THE BDE CO AND BN CO'S. IN
AN ATTACHED HELICOPTER AS A HELIBORNE CP.



NOTE: ONE STATION FROM SPT BN,
CAV TP, ENGCO & ARTY BN
ENTER NET WITH ORGANIC EQUIPMENT

*ENTER NET AS REQUIRED



NOTES:

* HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

** INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.

*** INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 16-22. Type Wire System, Separate Light Infantry Brigade.

CHAPTER 17

COMMUNICATIONS - INFANTRY BATTALION AND BRIGADE, AIRMOBILE DIVISION

TOE--HHC Bde - 67-42T; HHC Bn - 7-56T, Rifle Co - 7-57T, CSC - 7-58T

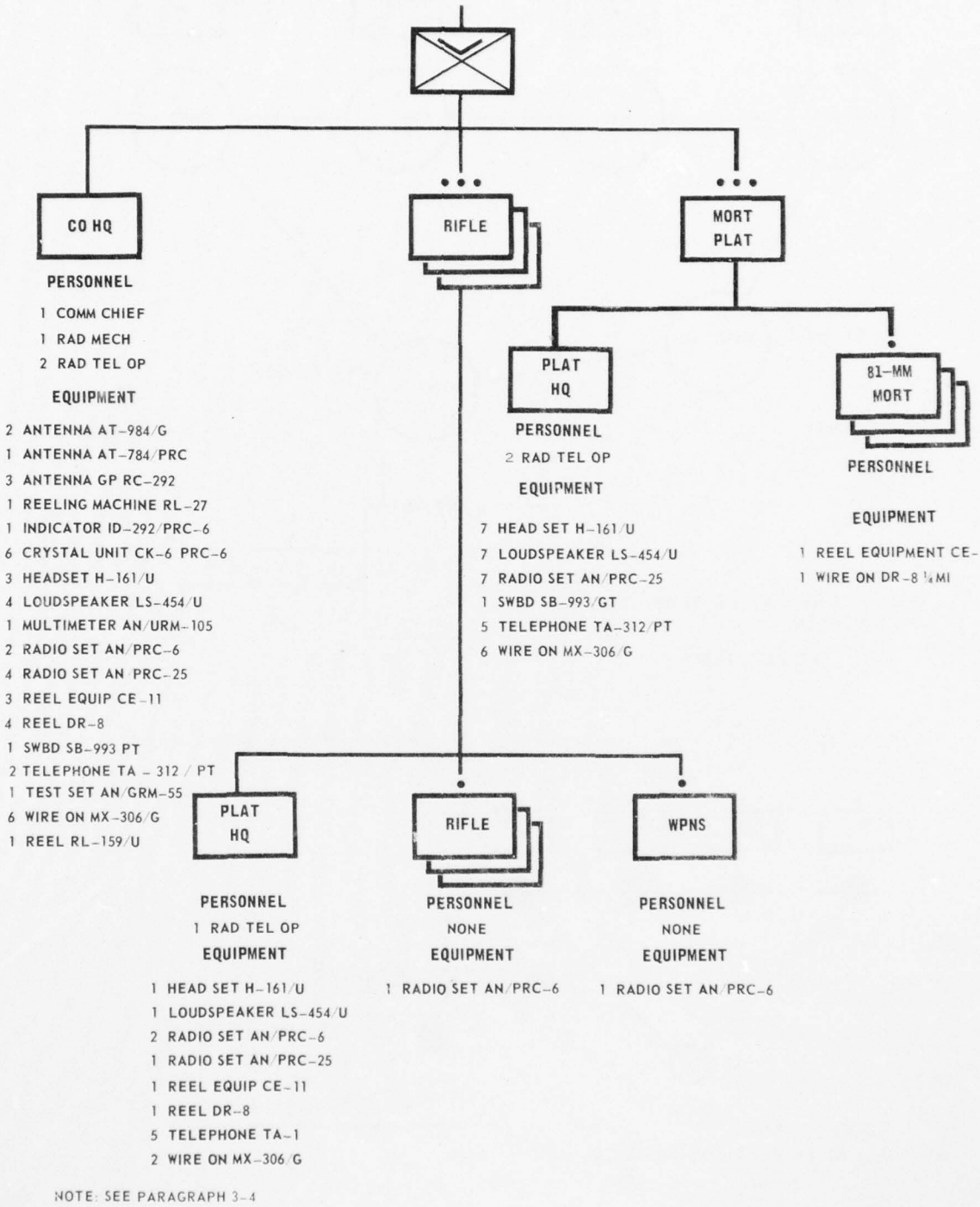


Figure 17-1. Communication Personnel and Equipment, Rifle Company, Infantry Battalion, Airmobile Division.

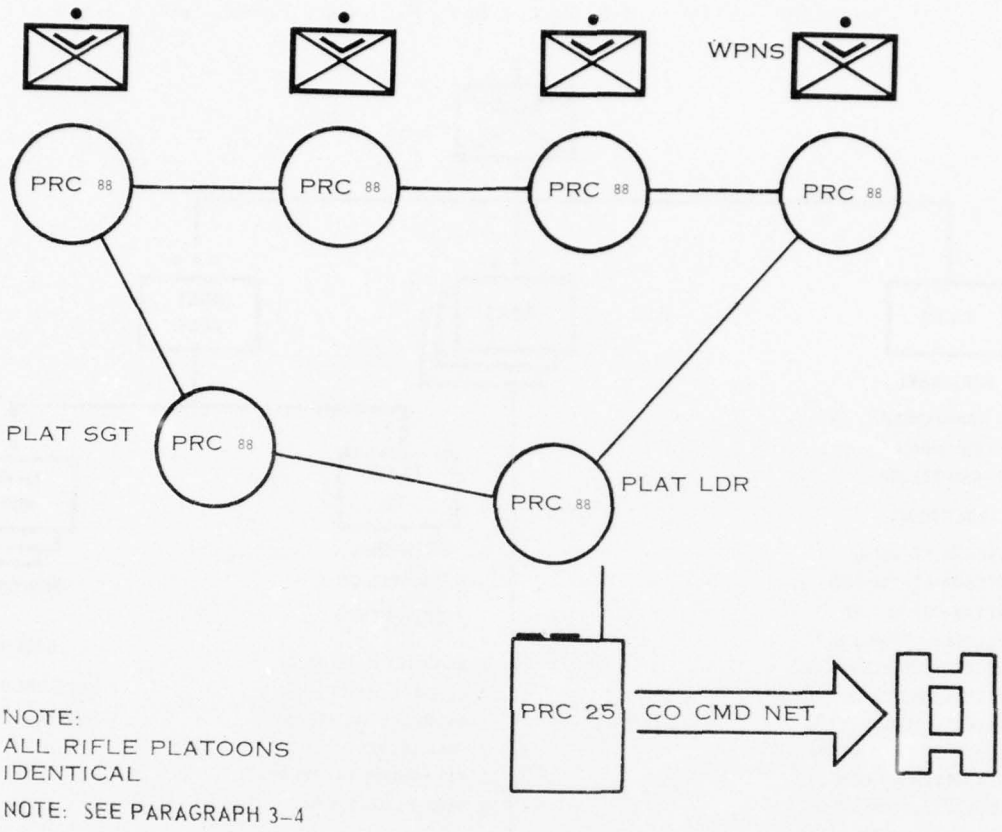


Figure 17-2. Type Rifle Platoon Command Net, Infantry Rifle Company, Airmobile Division.

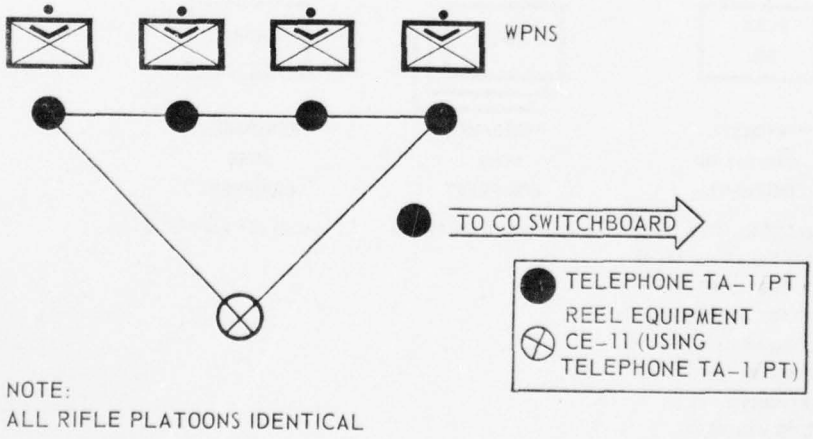


Figure 17-3. Type Rifle Platoon Wire System, Infantry Rifle Company, Airmobile Division.

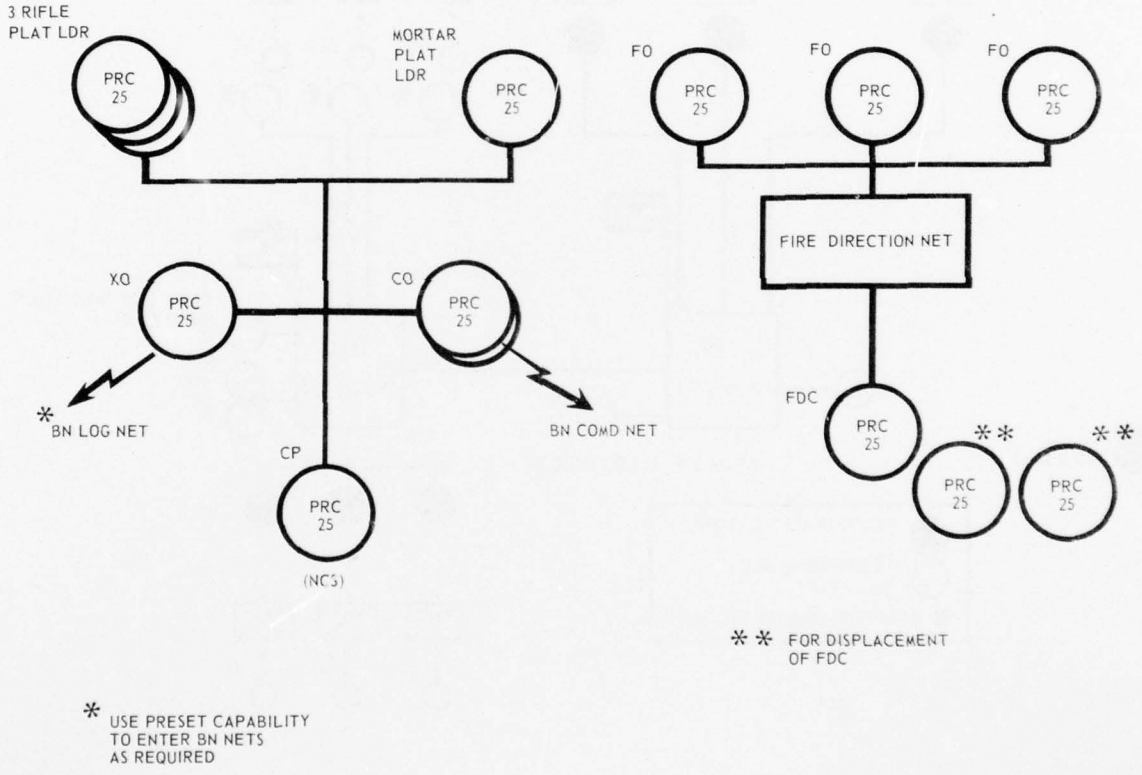


Figure 17-4. Type Radio Nets, Rifle Company, Infantry Battalion, Airmobile Division.

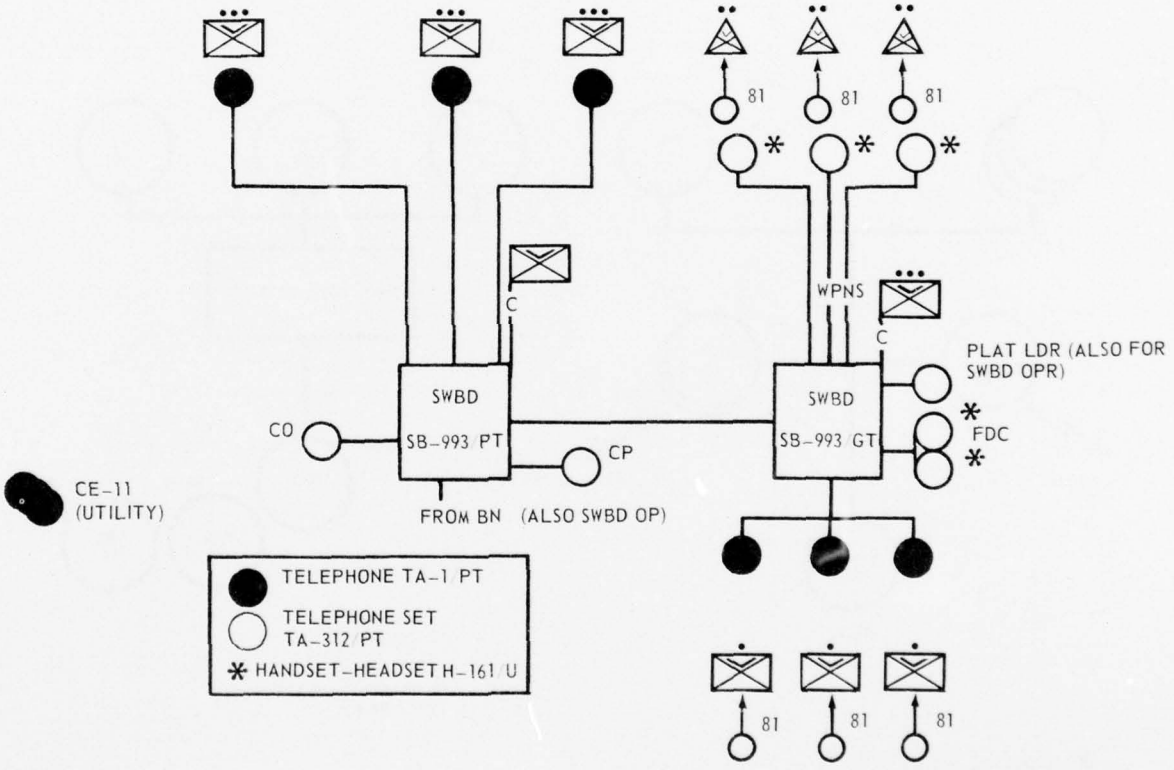


Figure 17-5. Type Wire System, Rifle Company, Infantry Battalion, Airmobile Division.

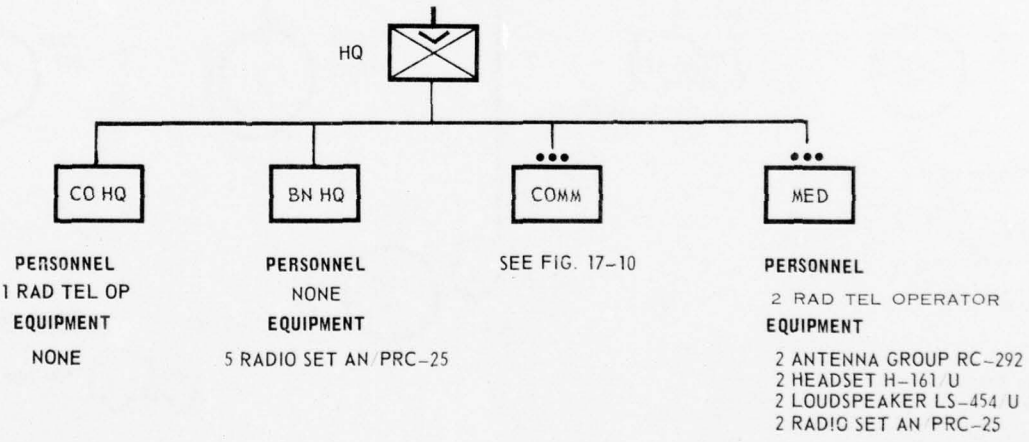
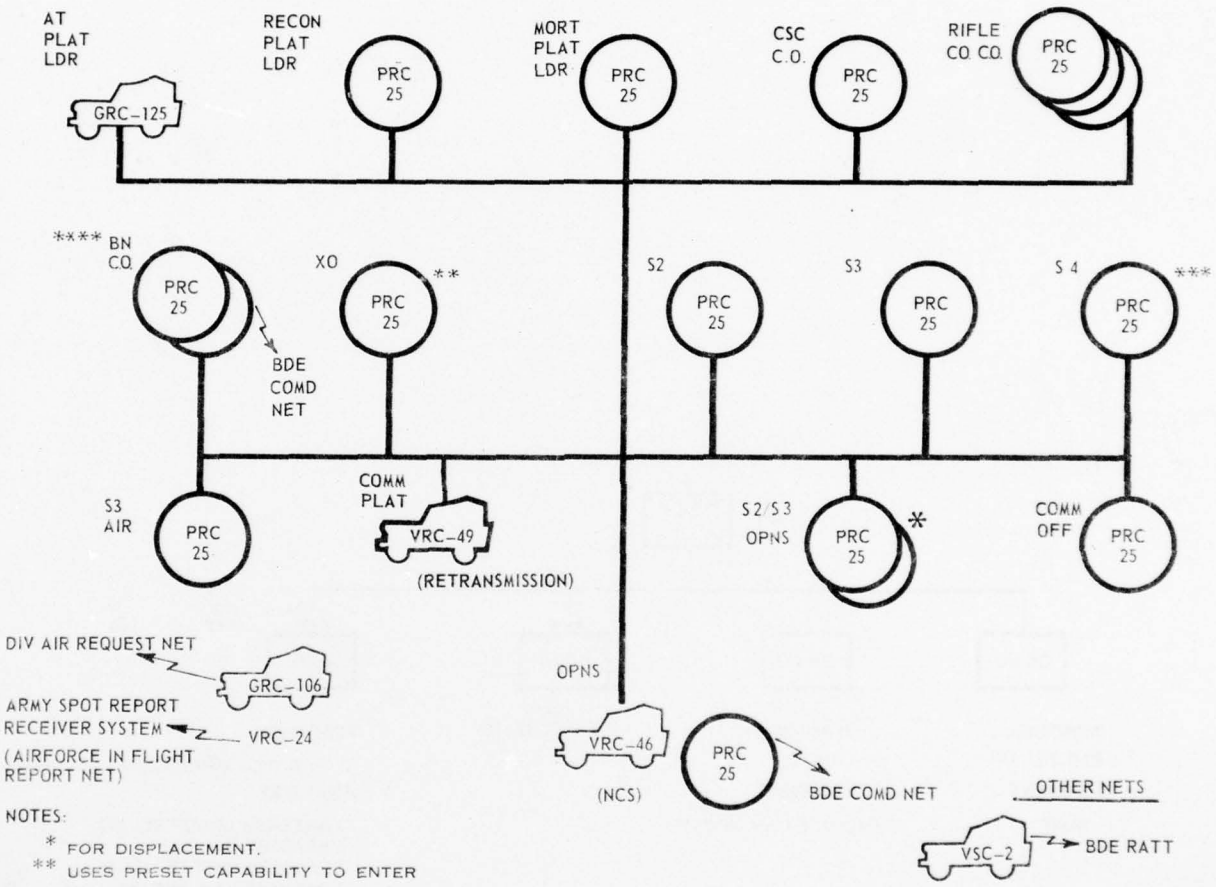


Figure 17-6. Communication Personnel and Equipment, Headquarters and Headquarters Company, Infantry Battalion, Airmobile Division.



NOTES:

* FOR DISPLACEMENT.

** USES PRESET CAPABILITY TO ENTER BN LOG NET AS REQUIRED.

*** USES PRESET CAPABILITY TO ENTER THIS NET AS REQUIRED.

**** AN/ASC-5, WHICH INCLUDES 1 ARC-102, 3 VRC-46, AND 1 VRC-24, WILL BE USED BY THE BN CO. IN AN ATTACHED HELICOPTER, AS A HELIBORNE CP.

1 LO ENTERS NET WITH PRC-25

5 PRC-47'S WILL BE ISSUED TO THE COMPANIES AS REQUIRED FOR A SPECIAL PURPOSE LONG RANGE NET.

Figure 17-7. Type Command Net, Infantry Battalion, Airmobile Division.

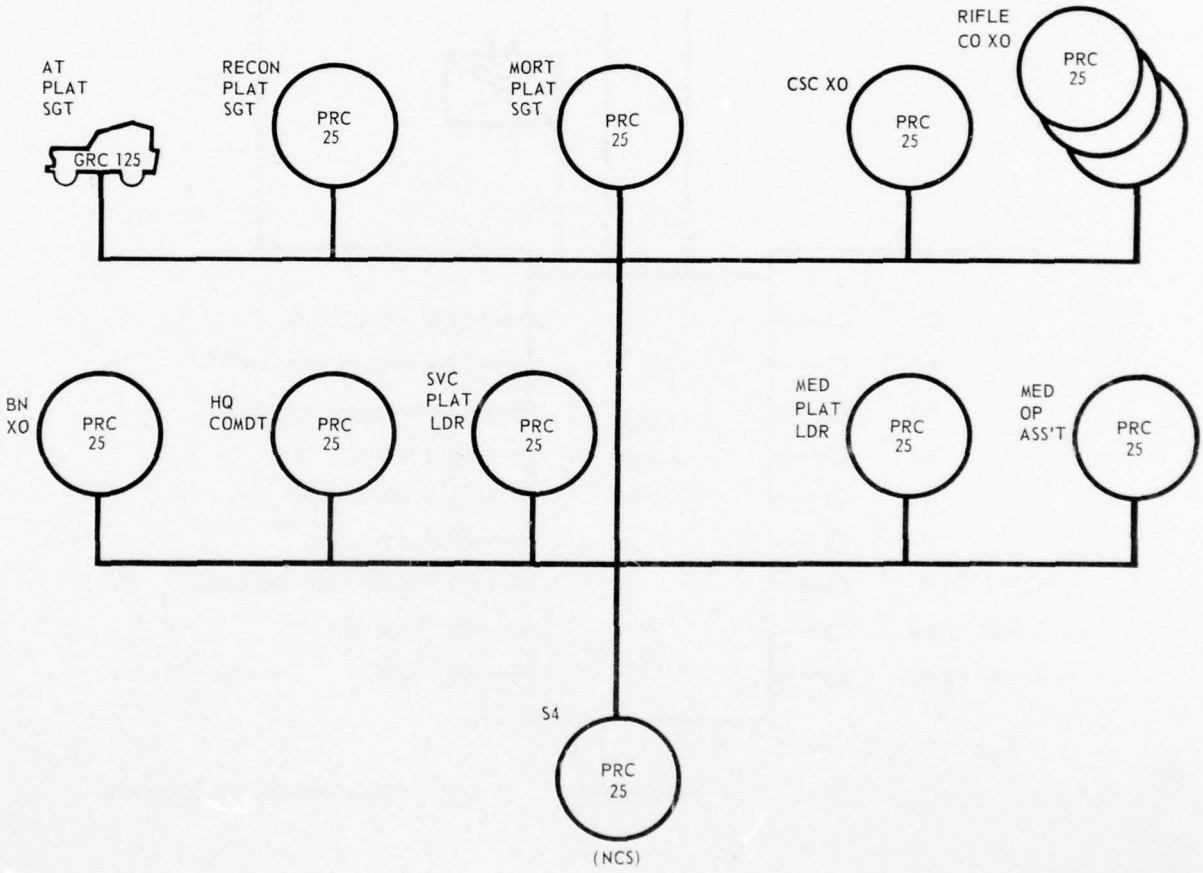
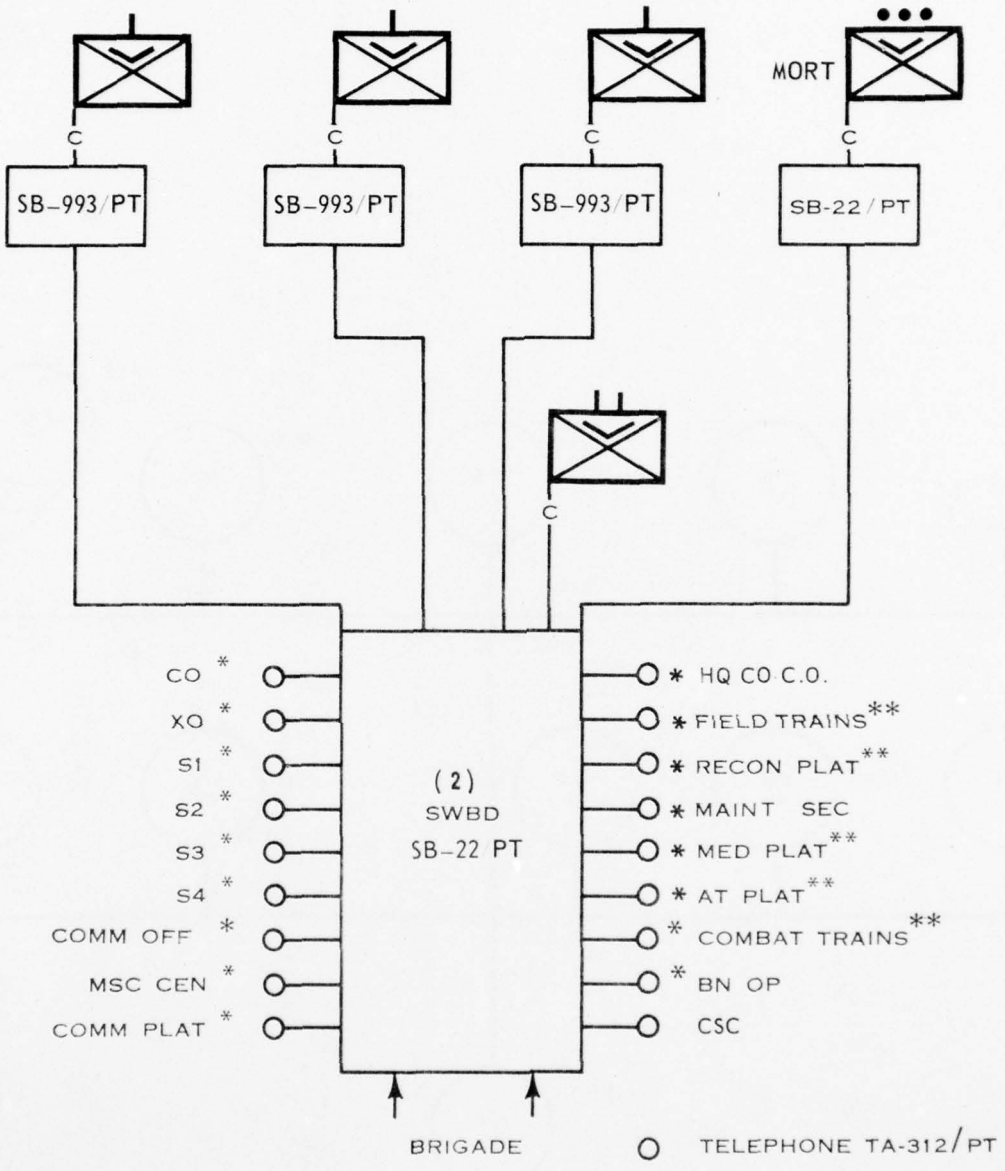
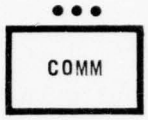


Figure 17-8. Type Logistical Net, Infantry Battalion, Airmobile Division.



*ORGANIC TO COMMUNICATION PLATOON
**TIE INTO BN WIRE SYSTEM
AT NEAREST SWITCHBOARD

Figure 17-9. Type Wire System, Infantry Battalion, Airmobile Division.



PERSONNEL

1 COMM CHIEF
1 CHIEF RADIO OP
1 RAD TT TEAM CHIEF
1 WIRE TEAM CHIEF
2 SR RAD MECHANIC
2 RADIO MECHANIC
2 RADIO TT OP
1 SR MESSAGE CLERK
3 SR RADIO OPERATOR
1 SR SWITCHBOARD OP
1 SR WIREMAN
3 MESSAGE CLERK
1 MESSENGER
4 RADIO OPERATOR
1 SWITCHBOARD OP
3 WIREMAN
1 A MESSENGER

EQUIPMENT

1 ANTENNA AT-984/G
8 ANTENNA GP RC-292
2 ANTENNA GP AN/GRA-50
1 REELING MACHINE RL-27
1 INDICATOR ID-292/PRC-6
5 CASE BC-5
1 CONTROL GP AN/GRA-6
3 HEADSET H-161/U
4 MULTIMETER AN/URM-105
1 RADIO SET AN/GRC-106 IN ¼ T
9 RADIO SET AN/PRC-25
1 RADIO SET AN/PRC-41
5 RADIO SET AN/PRC-47
1 RADIO SET AN/VRC-24
1 RADIO SET AN/VRC-46 IN ¼ T
1 RADIO SET AN/VRC-49 IN ¼ T
6 RADIO CONTROL GP AN/GRA-39
6 REELING MACHINE RL-39
2 REELING MACHINE RL-31
2 SWBD SB-22/PT
24 TELEPHONE TA-312/PT
4 TERMINAL STRIP TM-184
1 TEST SET AN/GRM-55
1 TEST SET AN/VRM-1
1 TEST SET TV-7/U
1 INVERTER PP-68/U
6 WIRE ON REEL DR-8 ¼ T
20 WIRE ON MX 306/G
6 REEL CABLE RL-159/U
1 COMMUNICATIONS CENTRAL AN/ASC-5
2 CONTROL GP AN/GRA-74
1 RADIO TT SET AN/VSC-2

Figure 17-10. Communication Personnel and Equipment, Communications Platoon, Infantry Battalion, Airmobile Division.



CSC

PERSONNEL

1 COMM CHIEF
2 RAD TEL OP

EQUIPMENT

3 ANTENNA GP RC-292
3 LOUDSPEAKER LS-454/U
1 MULTIMETER AN/URM-105
3 RADIO SET AN/PRC-25
1 REELING MACHINE RL-39
2 REEL DR-8
3 TELEPHONE SET TA-312/PT
1 TEST SET AN/GRM-55
6 WIRE ON MX-306/G

Figure 17-11. Communications Personnel and Equipment, Company Headquarters, Combat Support Company, Infantry Battalion, Airmobile Division

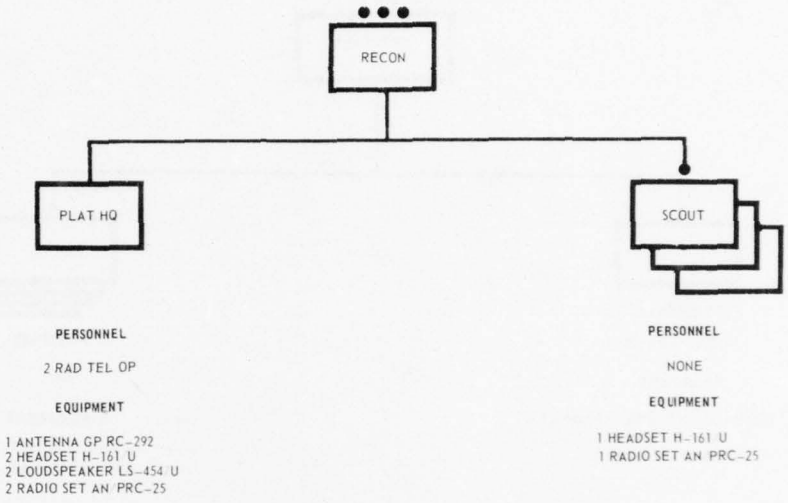


Figure 17-12. Communication Personnel and Equipment, Reconnaissance Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.

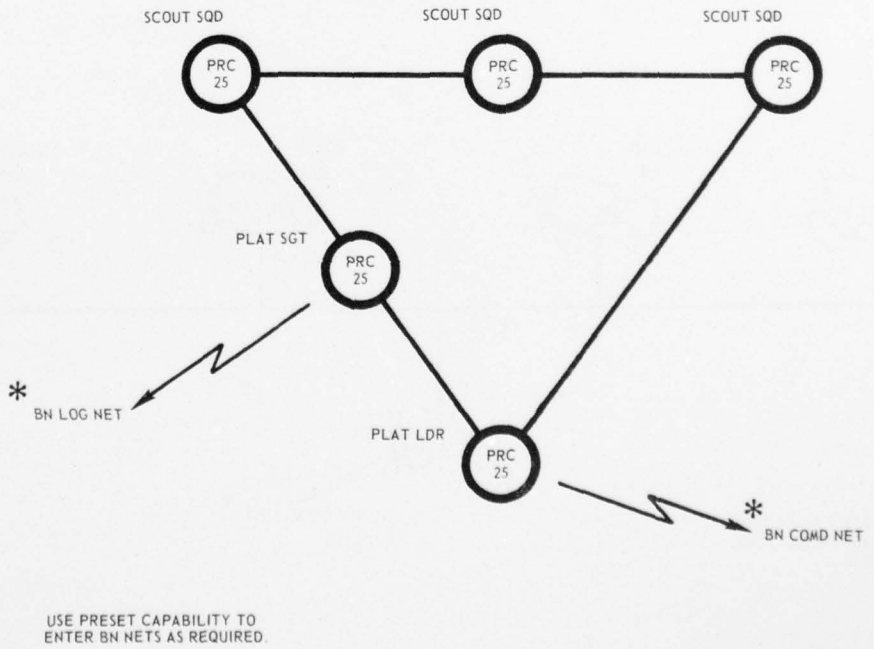


Figure 17-13. Type Radio Net, Reconnaissance Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.

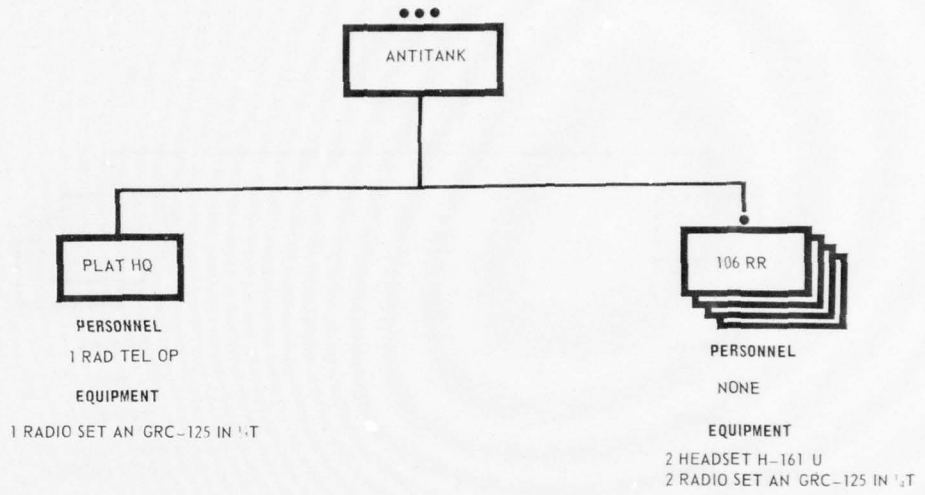


Figure 17-14. Communication Personnel and Equipment, Antitank Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.

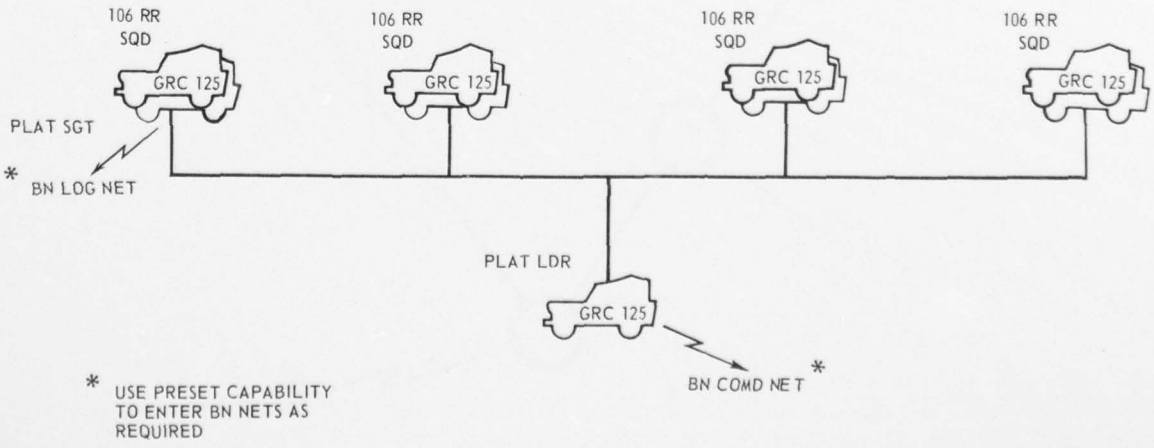
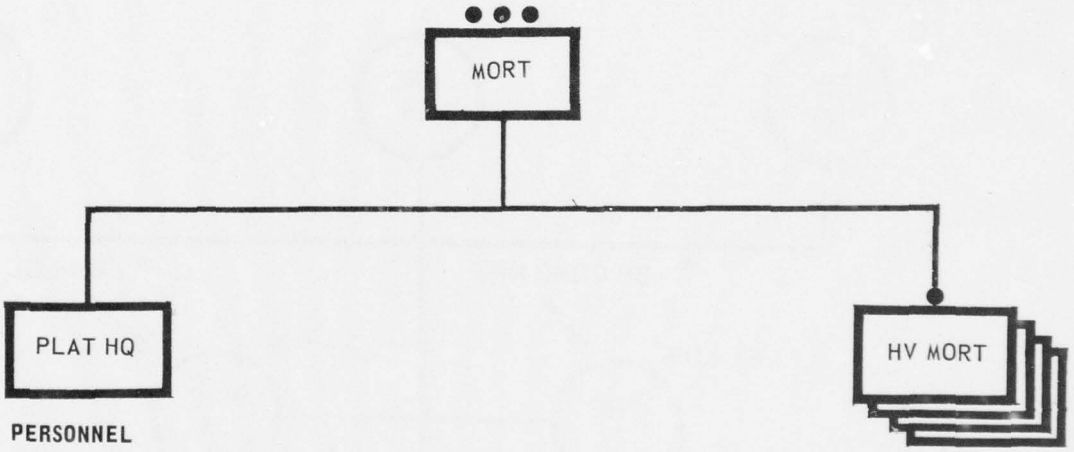


Figure 17-15. Type Radio Net, Antitank Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.



PERSONNEL

7 RAD TELEPHONE OP

EQUIPMENT

2 ANTENNA GP RC-292
2 HEADSET H-161/U
4 LOUDSPEAKER LS-454/U
8 RADIO SET AN/PRC-25
6 REELING MACHINE RL-39
6 REEL DR-8
1 SWBD SB-22/PT
6 TELEPHONE TA-312/PT
4 WIRE ON MX-306/G

PERSONNEL

NONE

EQUIPMENT

NONE

Figure 17-16. Communication Personnel and Equipment, Mortar Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.

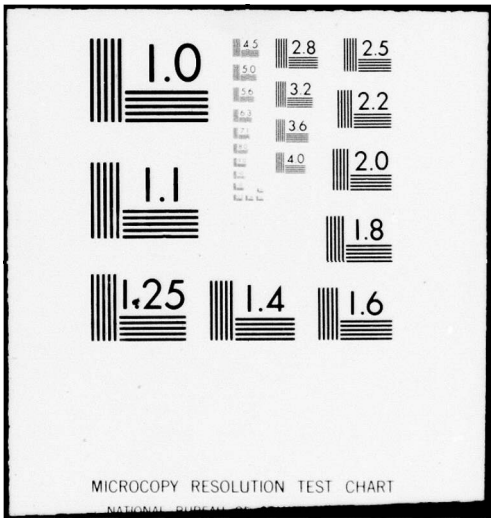
AD-A074 149 ARMY INFANTRY SCHOOL FORT BENNING GA F/G 17/2.1
INFANTRY COMMUNICATION DATA.(U)
JAN 69

UNCLASSIFIED NL

4 OF 4
ADA 074149



END
DATE FILMED
10-79
DDC


1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3
MICROCOPY RESOLUTION TEST CHART

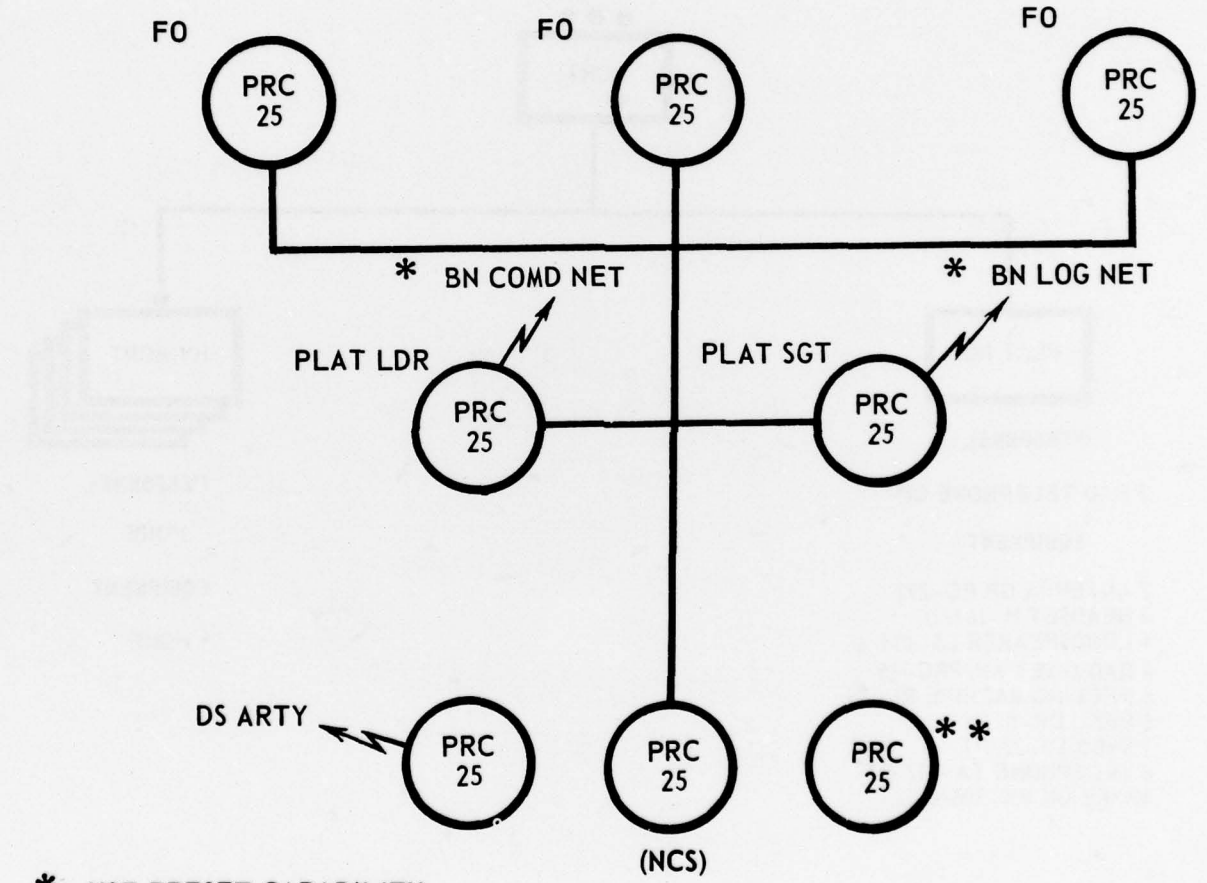


Figure 17-17. Type Fire Direction Net, Mortar Platoon, Combat Support Company, Infantry Battalion, Airmobile Division.

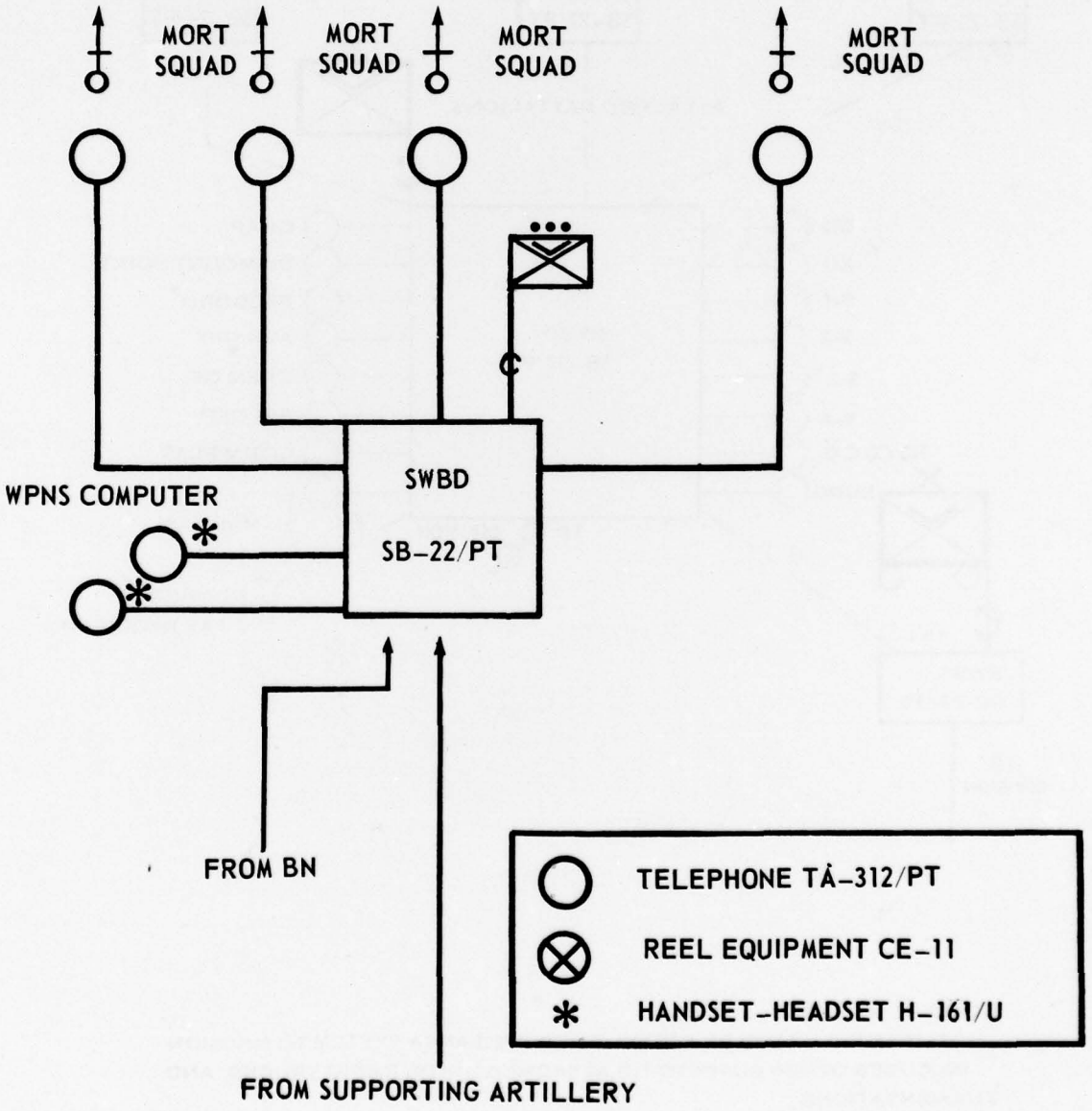
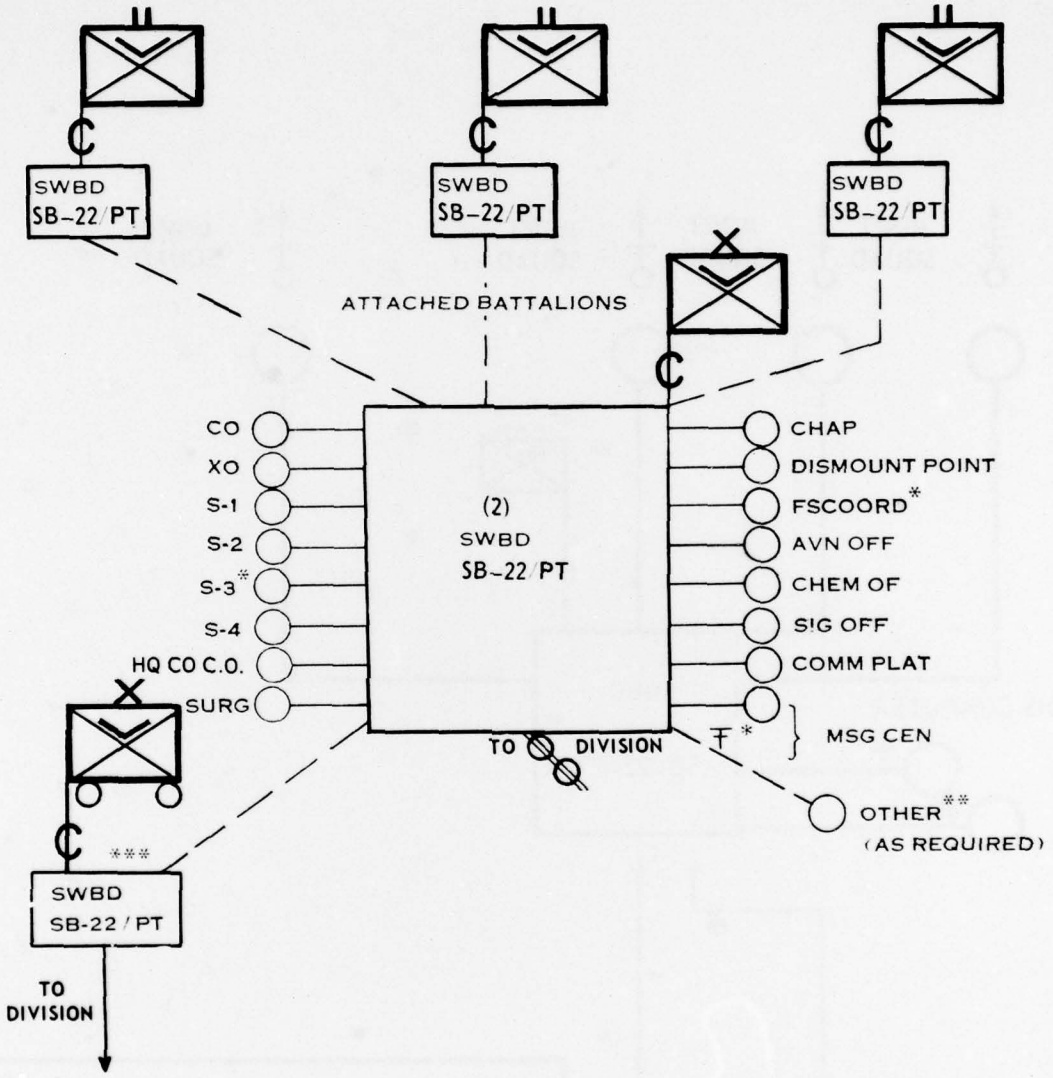


Figure 17-18. Type Wire System, Mortar Platoon, Infantry Battalion, Airmobile Division.



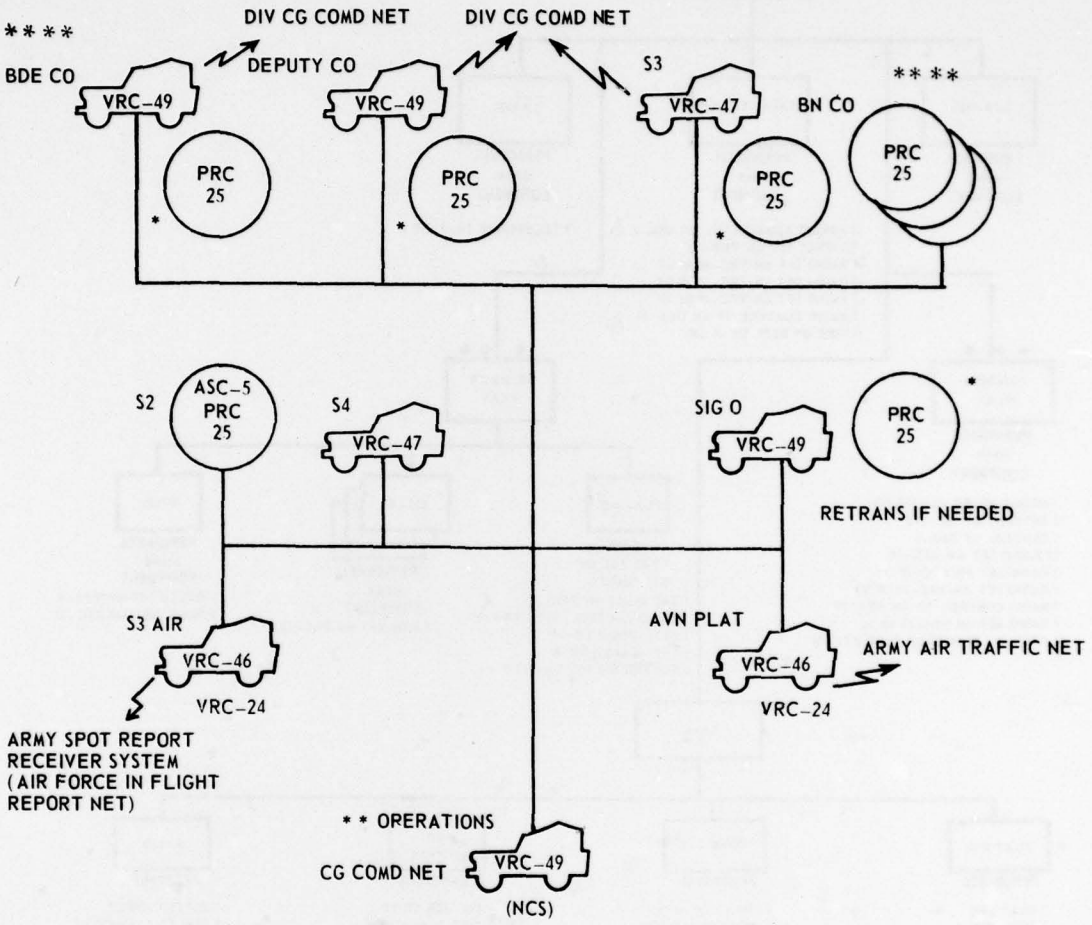
NOTES:

* HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

** INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.

*** INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 17-19. Communication Personnel and Equipment, Headquarters and Headquarters Company, Infantry Brigade, Airmobile Division.



NOTES:

* DISMOUNTED USE

** EQUIPMENT ORGANIC TO RADIO SECTION

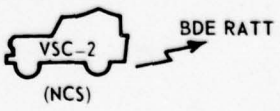
*** EQUIPMENT AND OPERATORS SUPPLIED BY DIV SIG BN.

**** AN/ASC-5, WHICH INCLUDES 1 ARC-102, 3 VRC-46, AND 1 VRC-24, WILL BE USED BY THE BDE CO AND BN CO'S, IN AN ATTACHED HELICOPTER AS A HELIBORNE CP.

2 LO ENTER NET AS REQUIRED WITH PRC-25.

OTHER NETS

* * * DIVISION WARNING BDCST (SSB)
* * * DIVISION OP INTER (FM-VOICE)
* * * DIVISION ADMIN LOG (SSB-RATT)
* * * DIVISION AIR REQUEST (SSB-VOICE)



38337 Sig 10

Figure 17-20. Type Command Net, Infantry Brigade, Airmobile Division.

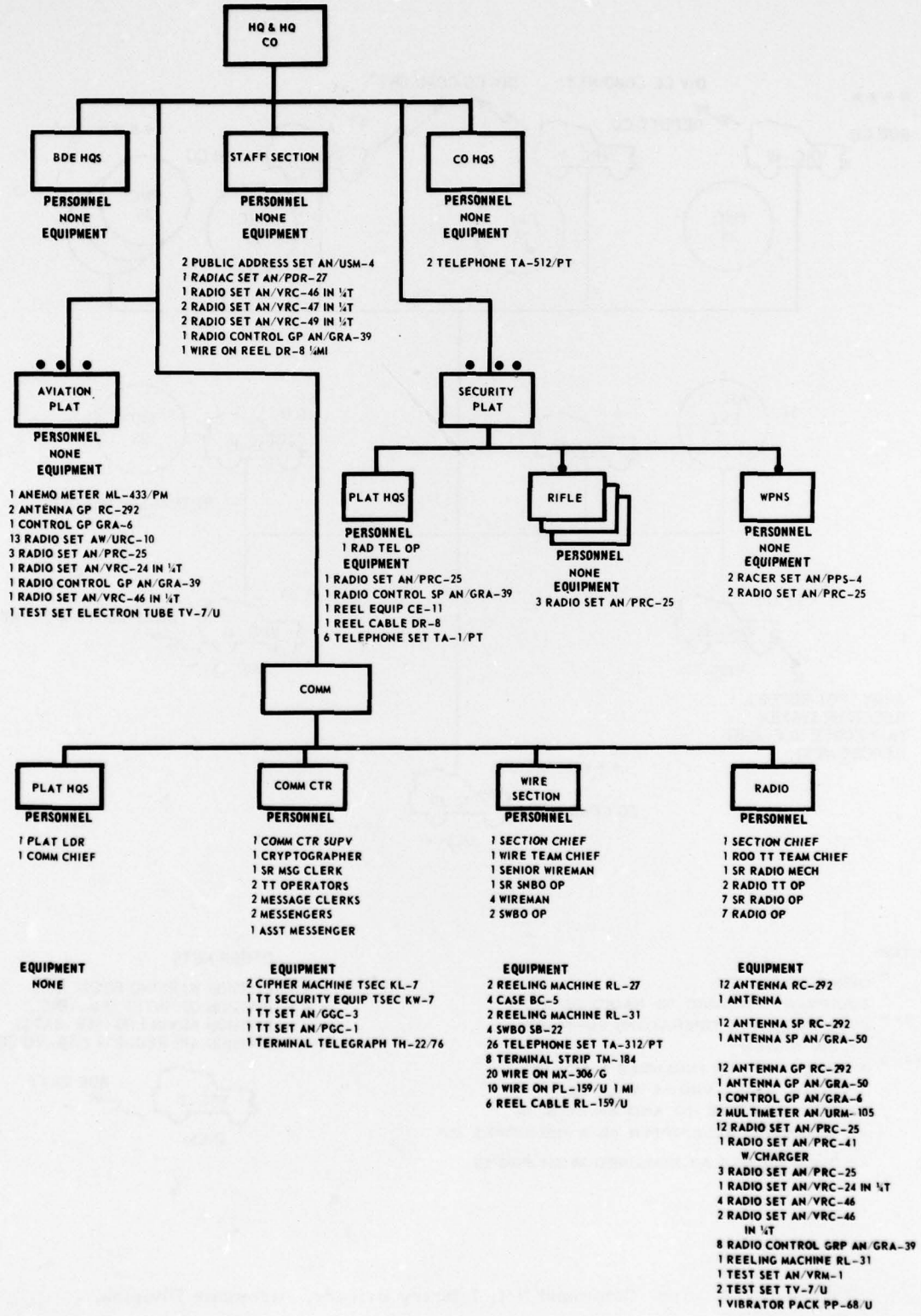


Figure 17-21. Communications Personnel and Equipment, Headquarters and Headquarters Company, Infantry Brigade, Airmobile Divison.

CHAPTER 18
COMMUNICATIONS - SEPARATE BRIGADES
INFANTRY, AIRBORNE, INFANTRY (MECHANIZED)
TOE--Infantry - 7-102G, Airborne - 57-102G, Infantry (Mech) - 37-102G

COMMUNICATIONS

SEPARATE INFANTRY BRIGADE

	TOE
BDE	7-100G
HHC BDE	7-102G
BN	7-15G, 7-45G
HHC BN	7-16G, 7-46G
RIFLE CO	7-18G, 7-47G

NOTE: REFER TO CHAP 13 and 15 FOR BATTALION AND COMPANY NETS.

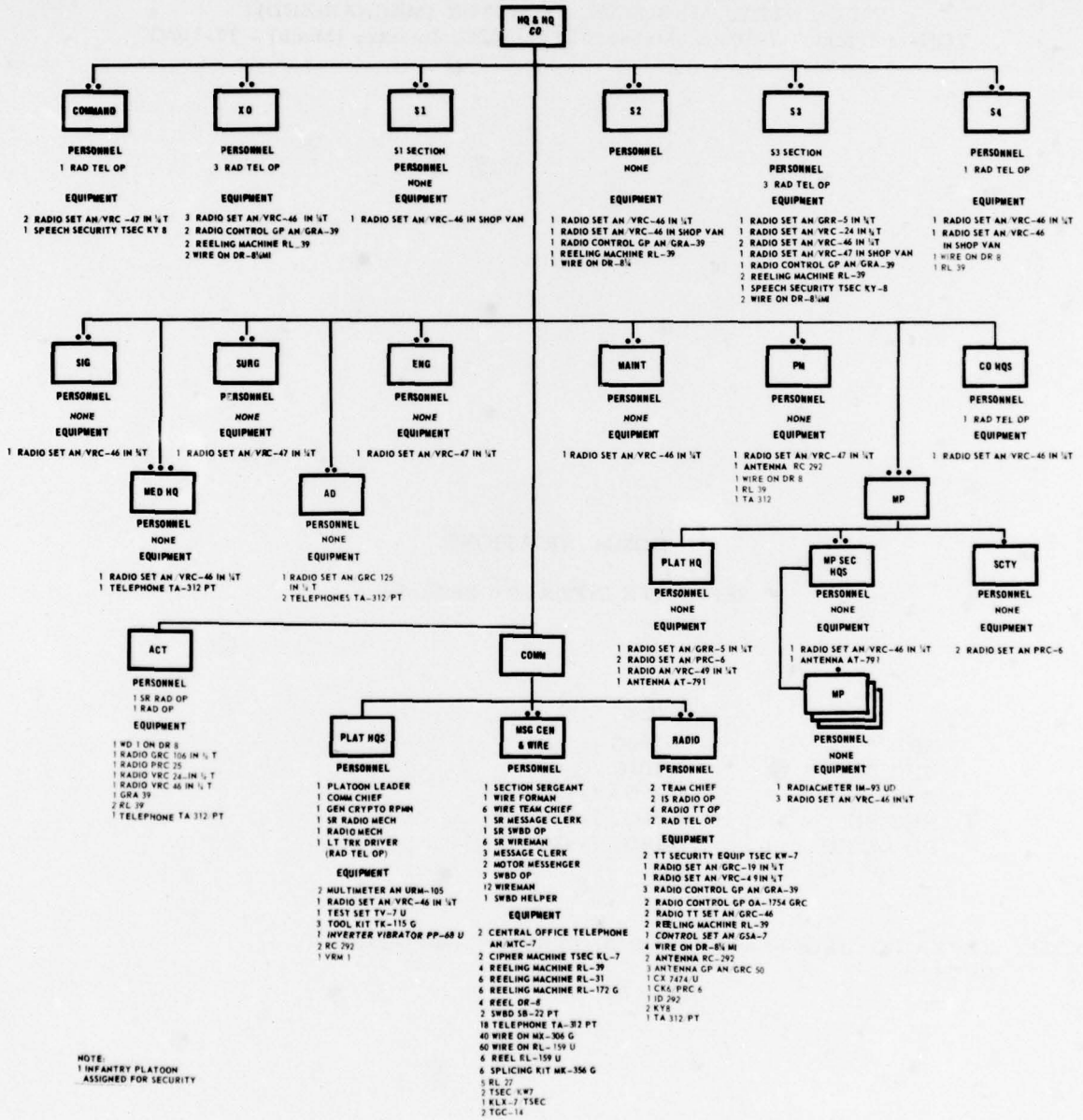


Figure 18-1. Communication Personnel and Equipment, Headquarters and Headquarters Company, Separate Infantry Brigade.

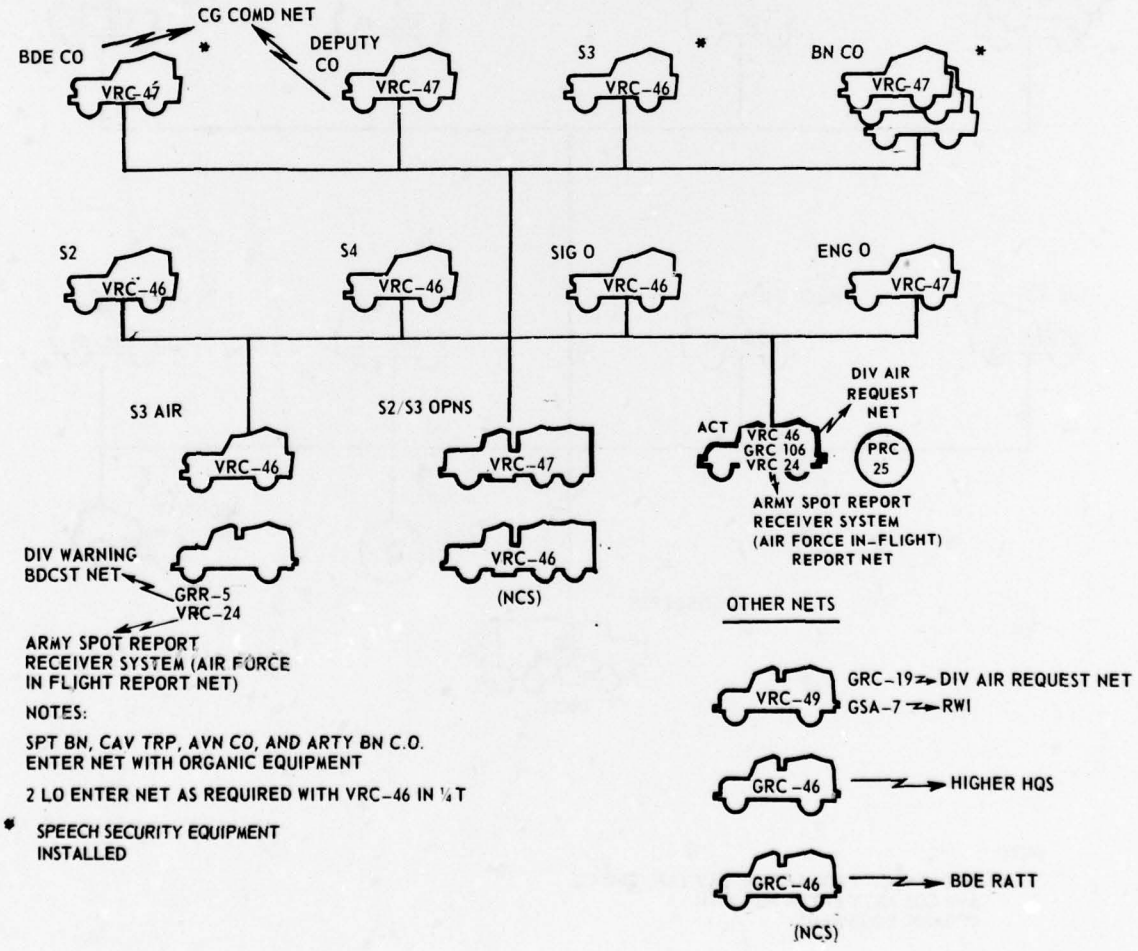
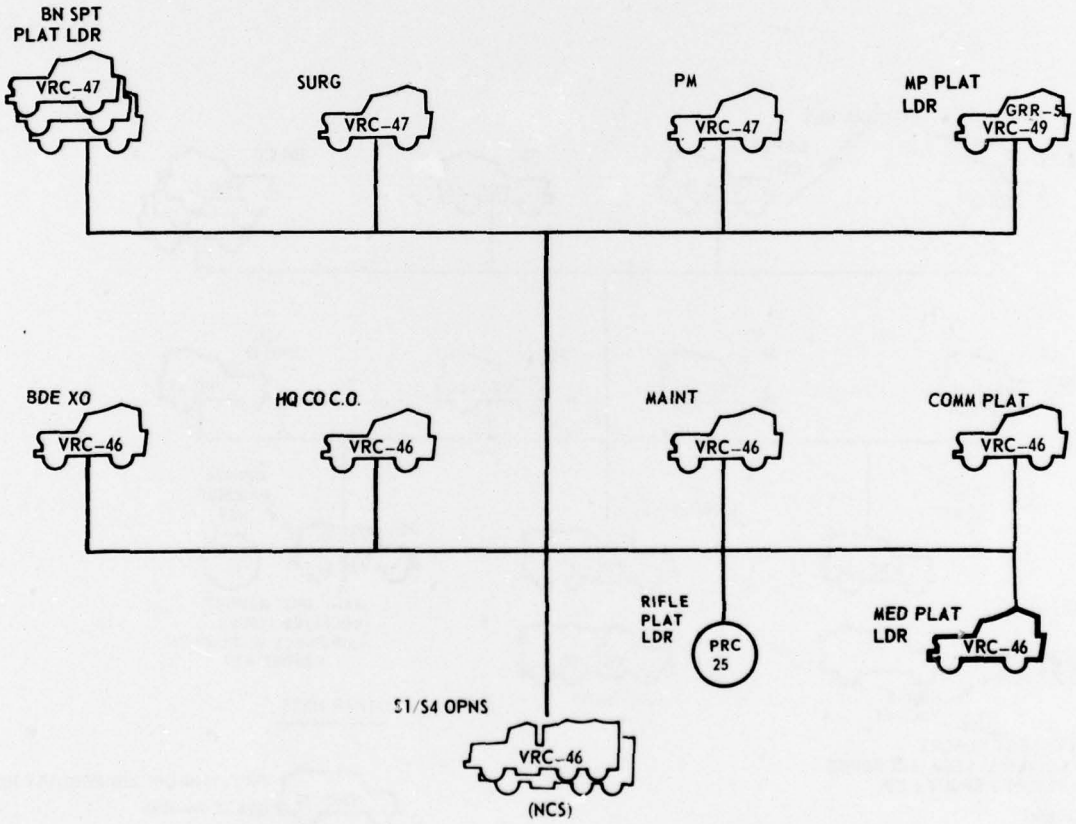


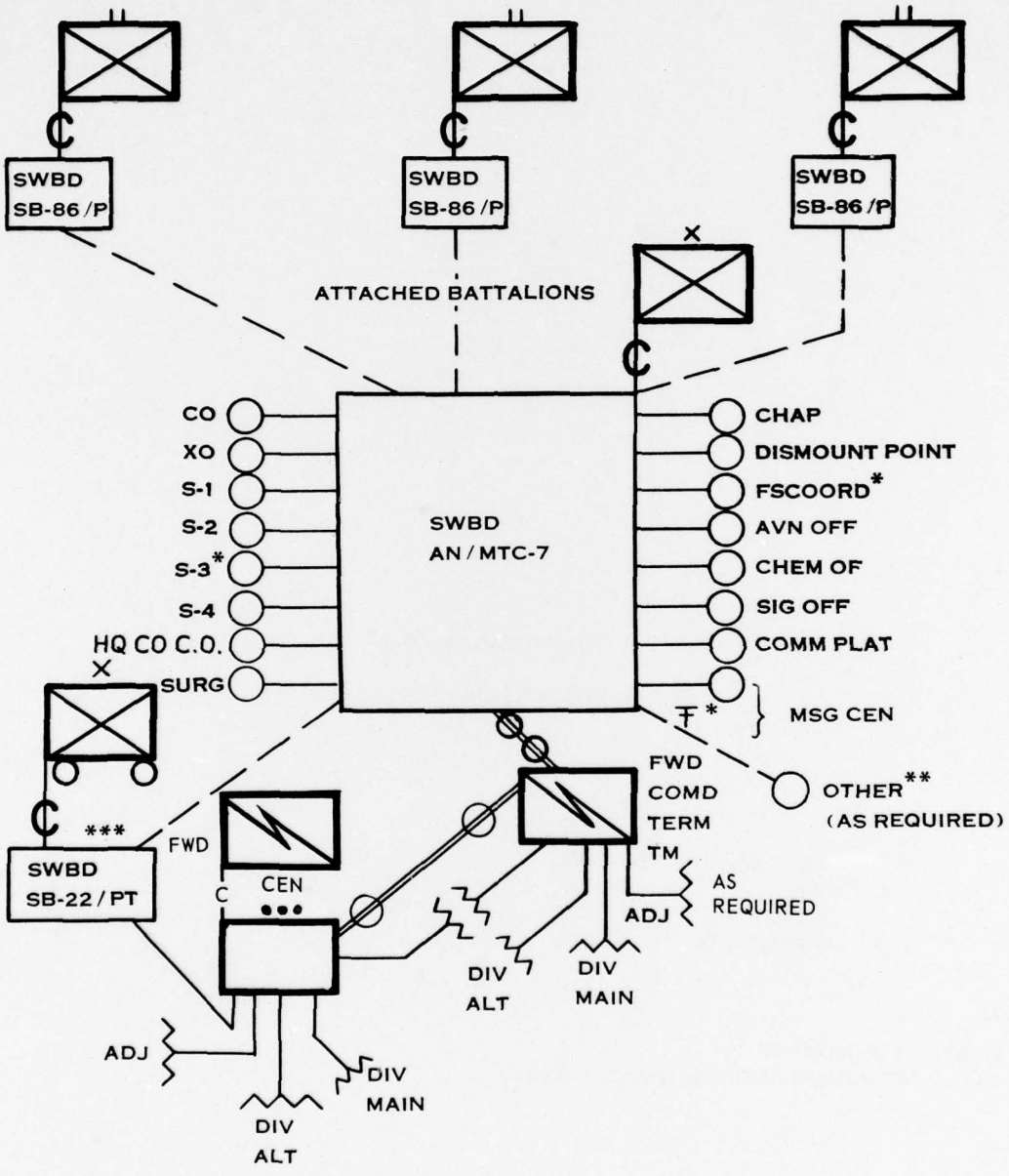
Figure 18-2. Type Command Net, Separate Infantry Brigade.



NOTE:

ONE STATION FROM SPT BN, CAV TRP, ENG CO, AVN CO& ARTY ENTER NET WITH ORGANIC EQUIPMENT.

Figure 18-3. Type Logistical Net, Separate Infantry Brigade.



NOTES:
*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.
**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.
***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 18-4. Type Wire System, Separate Infantry Brigade.

COMMUNICATIONS

SEPARATE AIRBORNE BRIGADE

	TOE
	57-100G
HHC BDE	57-102G
BN	7-35G
HHC BN	7-36G
RIFLE CO	7-37G

NOTE:

REFER TO CHAP 14
FOR BATTALION AND COMPANY NETS.

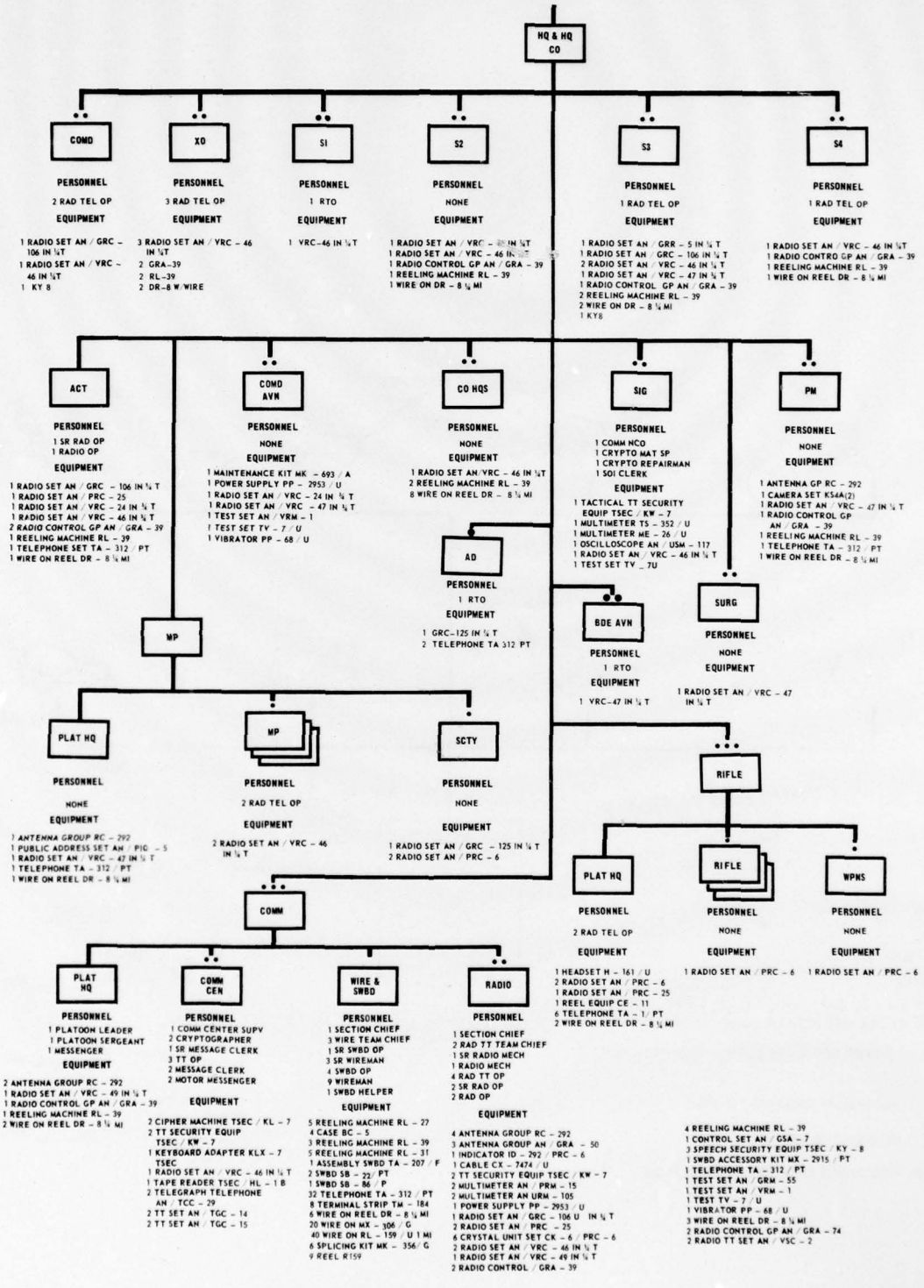


Figure 18-5. Communication Personnel and Equipment, Headquarters and Headquarters Company, Separate Airborne Brigade.

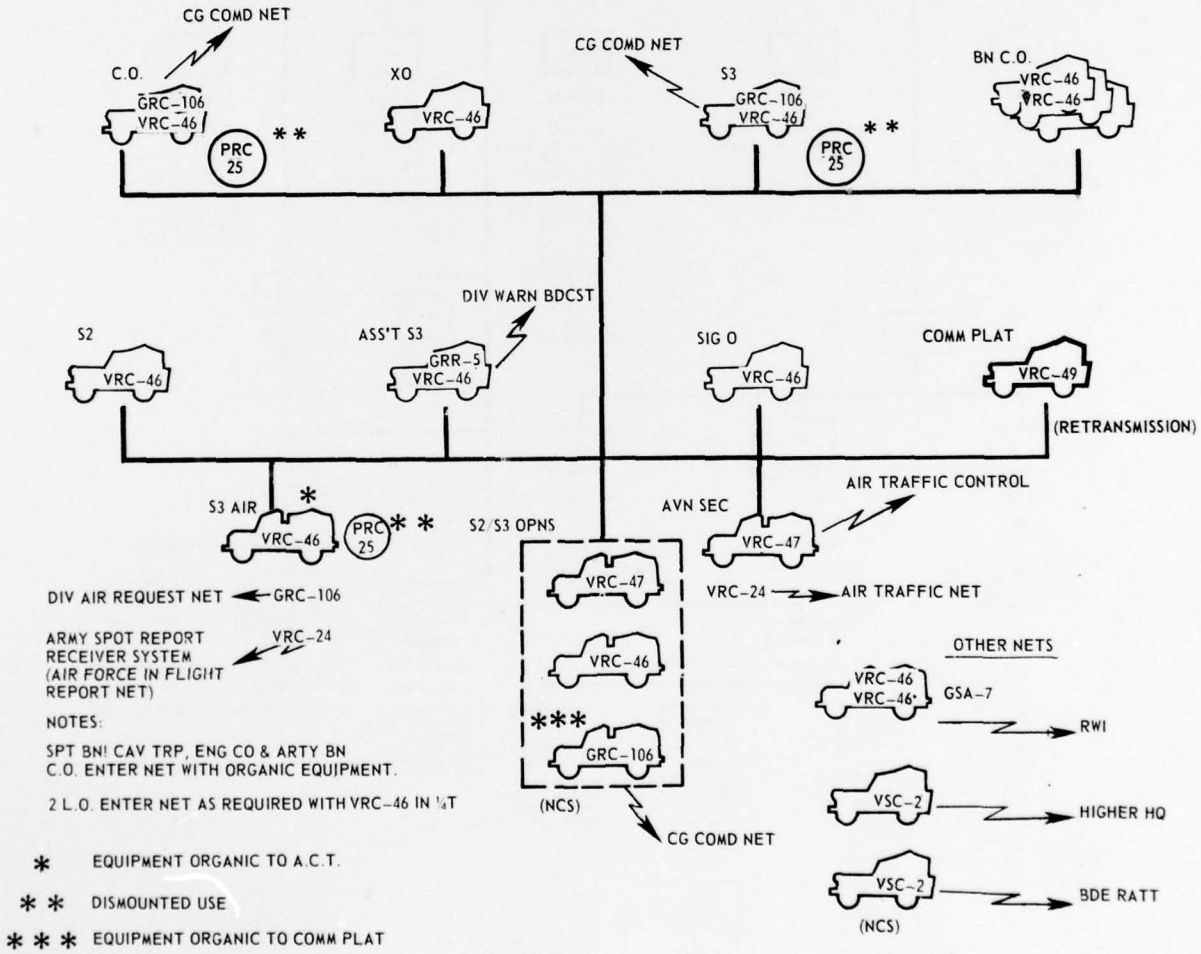
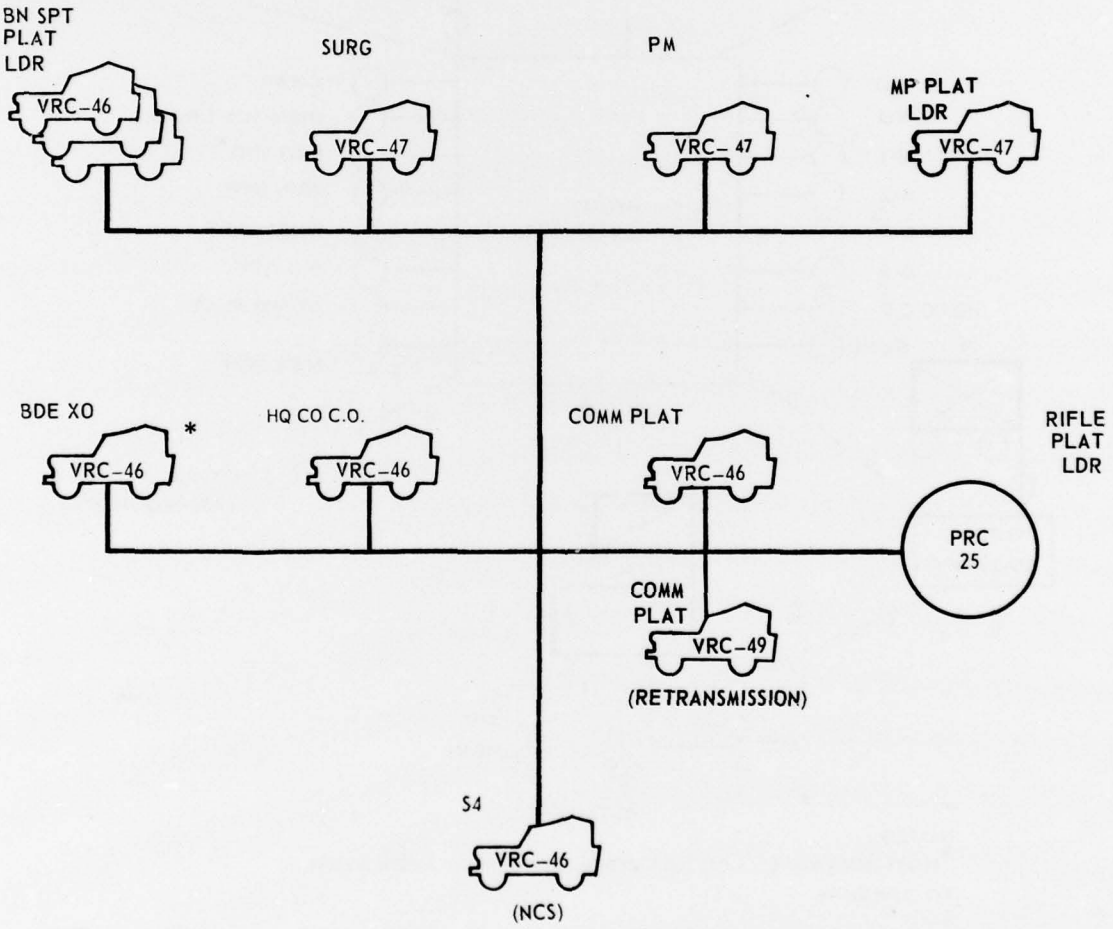


Figure 18-6. Type Command Net, Separate Airborne Brigade.

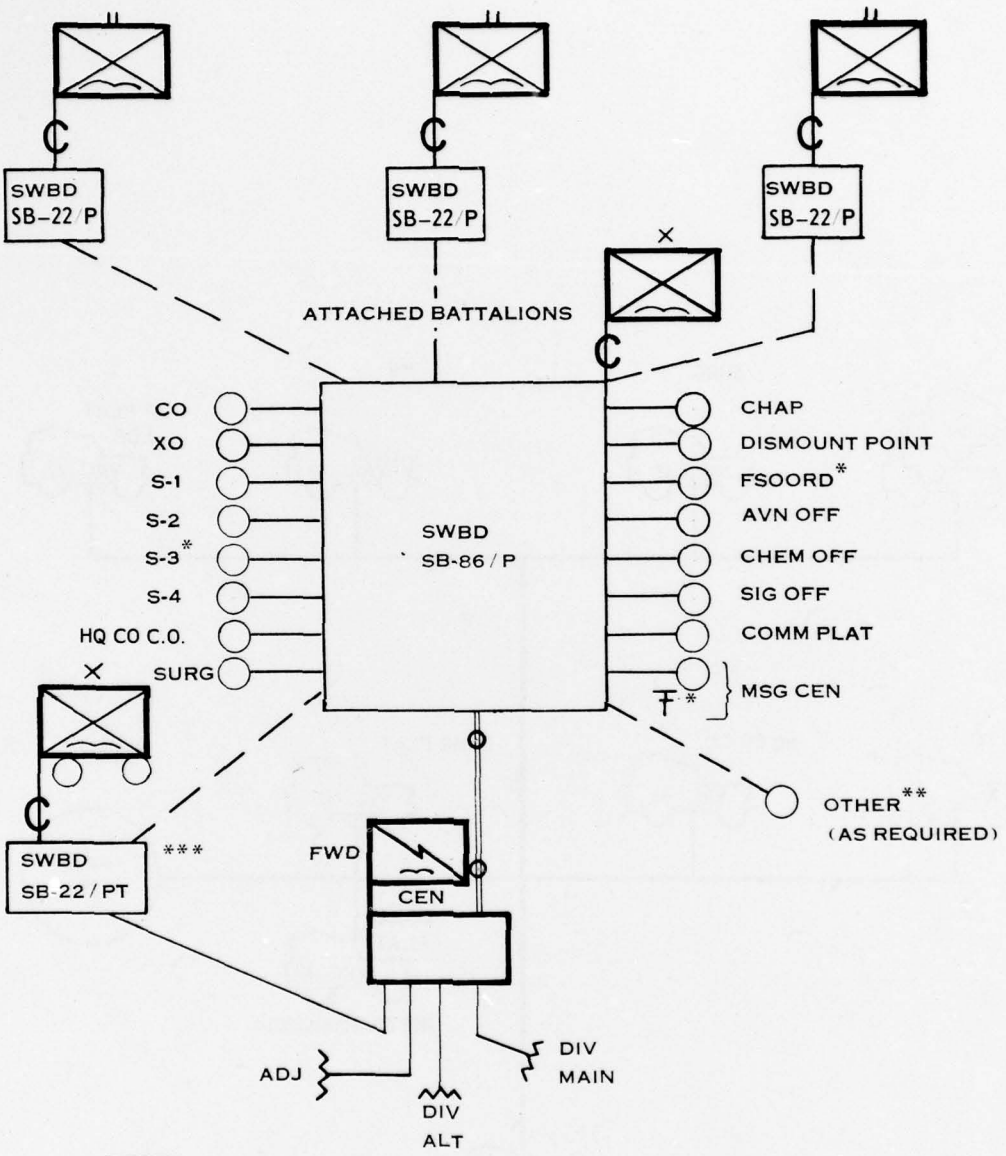


NOTE:

ONE STATION FROM SPT BN, CAV TRP, ENG CO, AND ARTY BN, ENTER NET WITH ORGANIC EQUIPMENT.

* ENTER NET AS REQUIRED.

Figure 18-7. Type Logistical Net, Separate Airborne Brigade.



NOTES:

*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS.

***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 18-8. Type Wire System, Separate Airborne Brigade.

COMMUNICATIONS

SEPARATE INFANTRY BRIGADE (MECHANIZED)

	TOE
	37-100G
HHC BDE	37-102G
BN	7-45G
HHC BN	7-46G
RIFLE CO	7-47G

NOTE:
REFER TO CHAP 15 FOR
BATTALION AND COMPANY NETS.

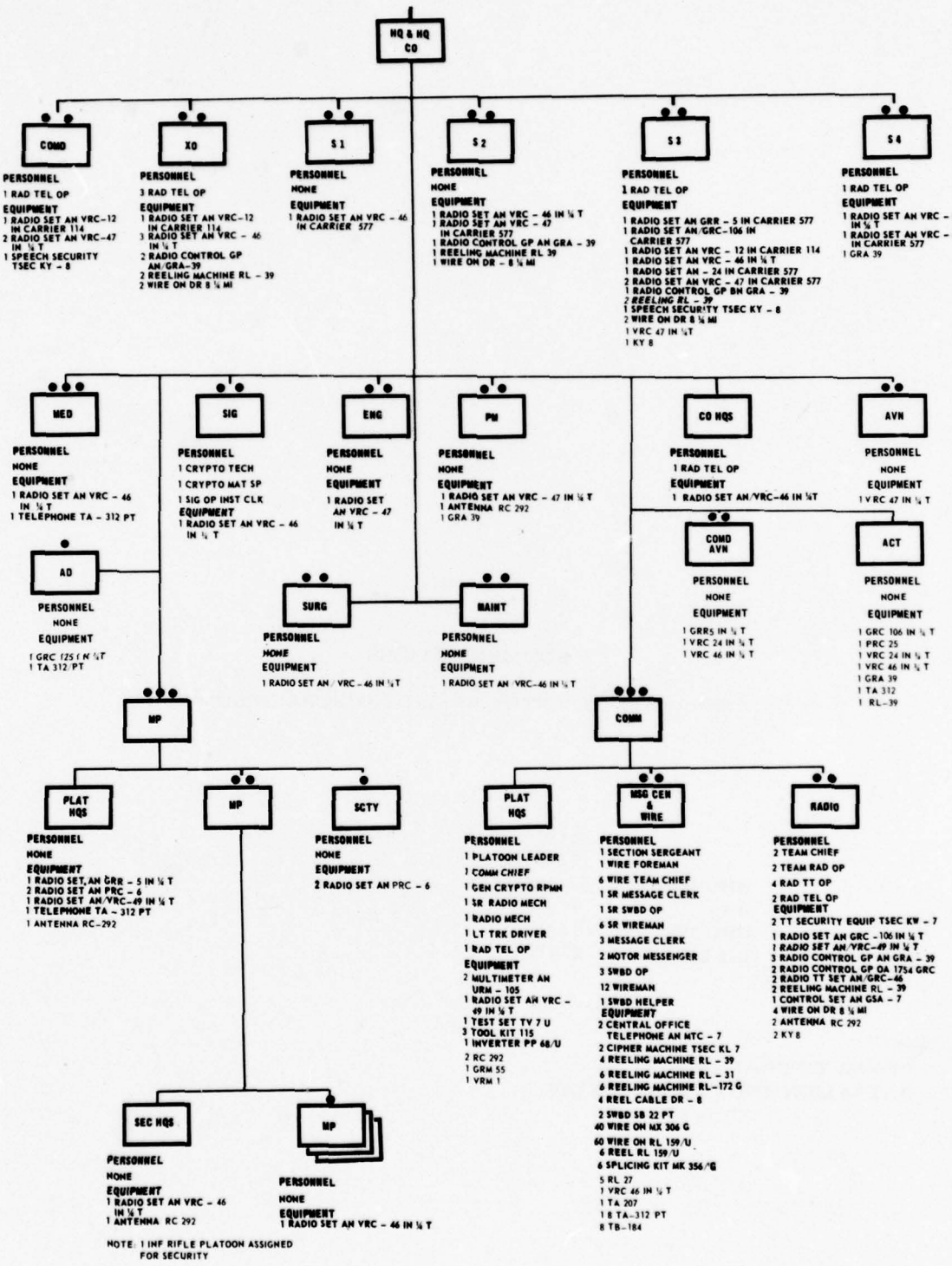


Figure 18-9. Communication Personnel and Equipment, Headquarters and Headquarters Company, Separate Mechanized Brigade.

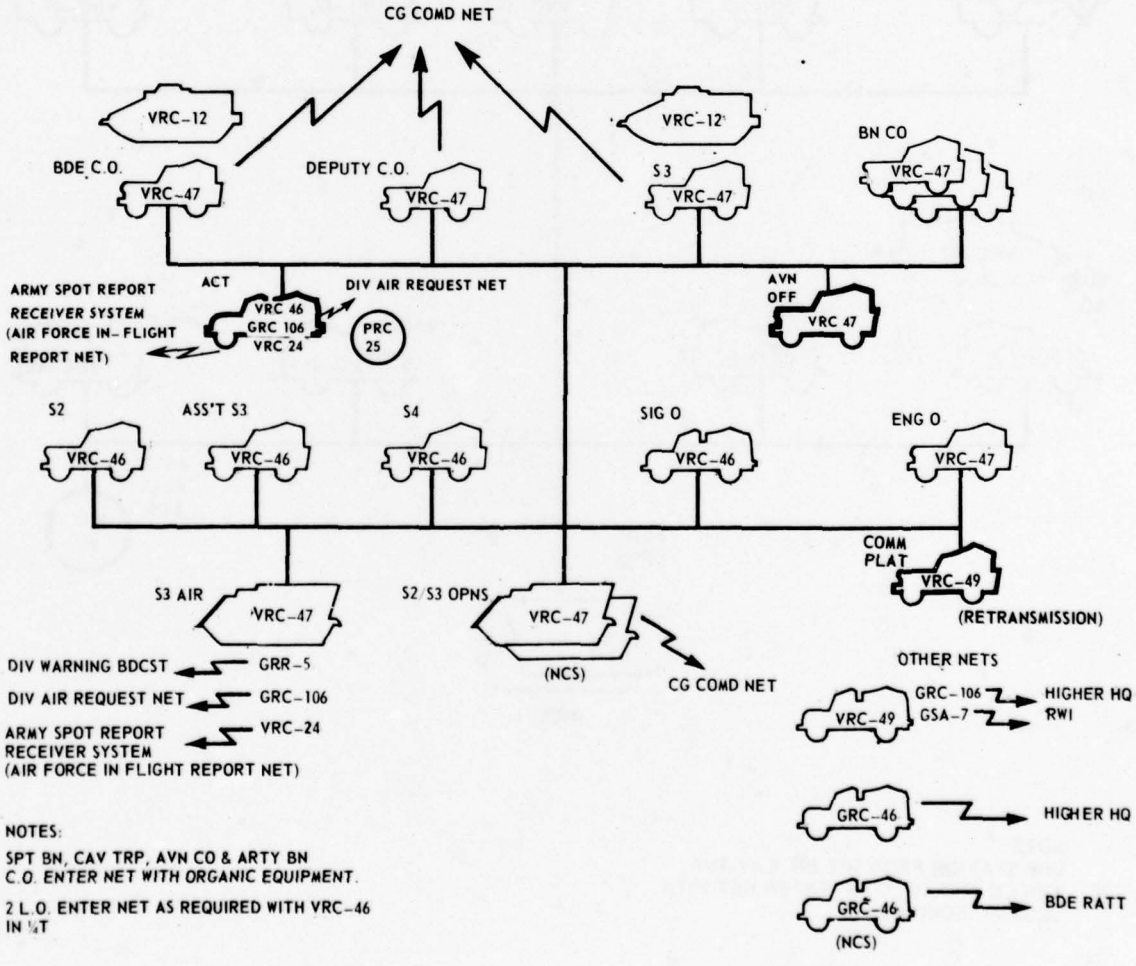
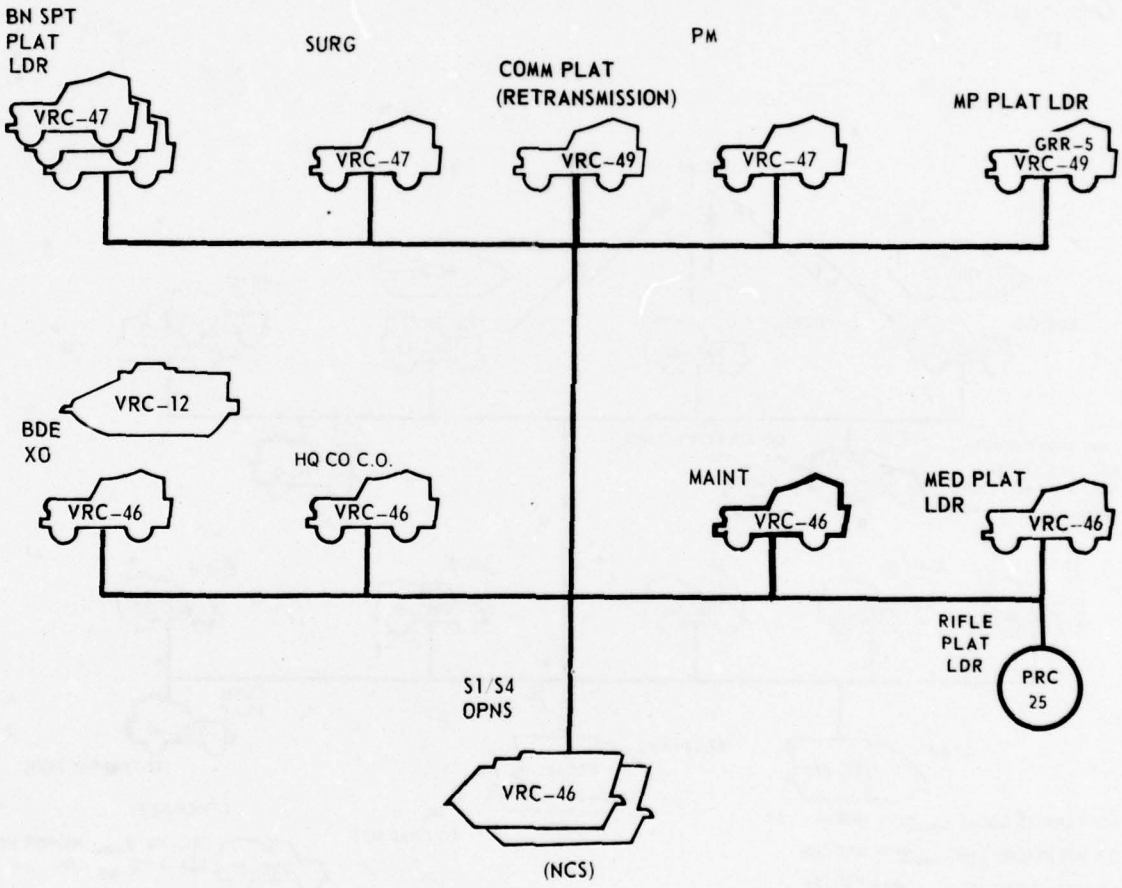
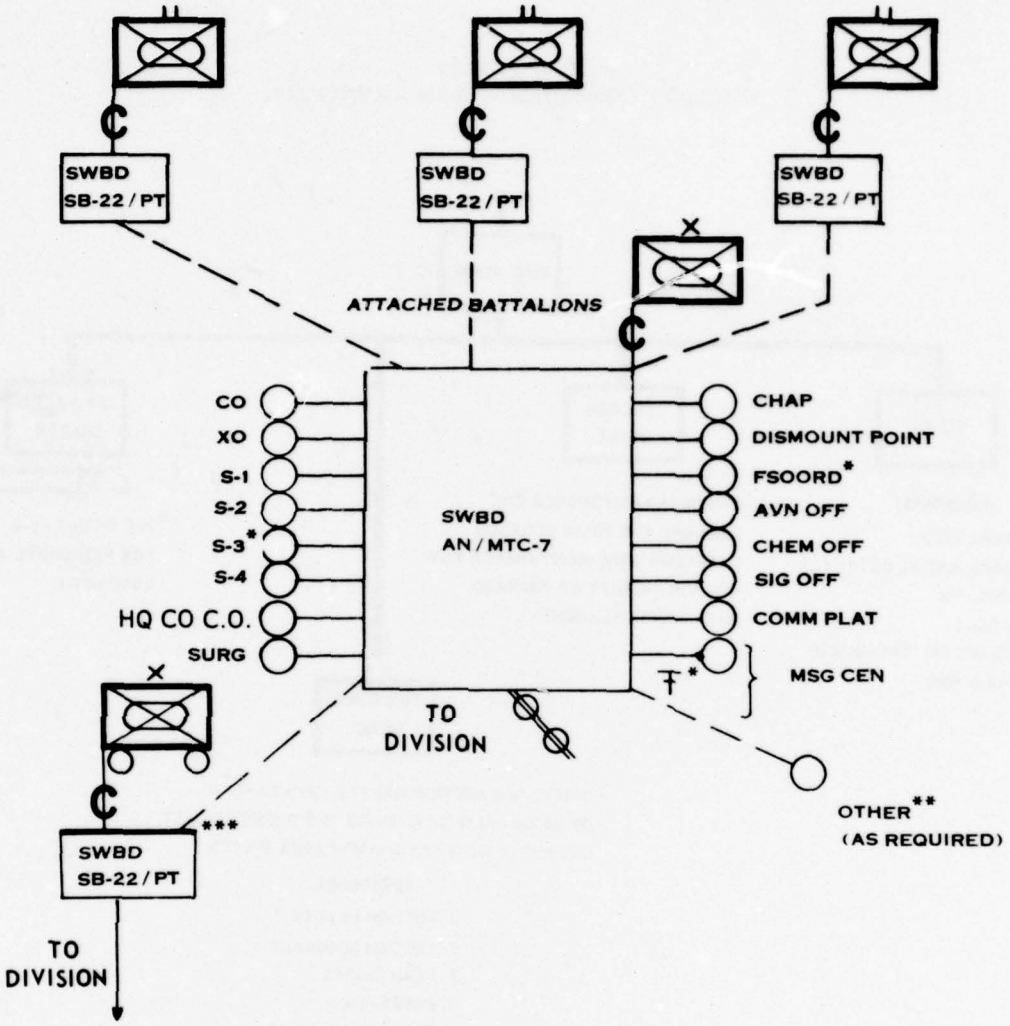


Figure 18-10. Type Command Net, Separate Mechanized Brigade.



NOTE:
ONE STATION FROM SPT BN, CAV TRP, AVN CO AND ARTY BN, ENTER NET WITH ORGANIC EQUIPMENT.

Figure 18-11. Type Logistical Net, Separate Mechanized Brigade.



NOTES:

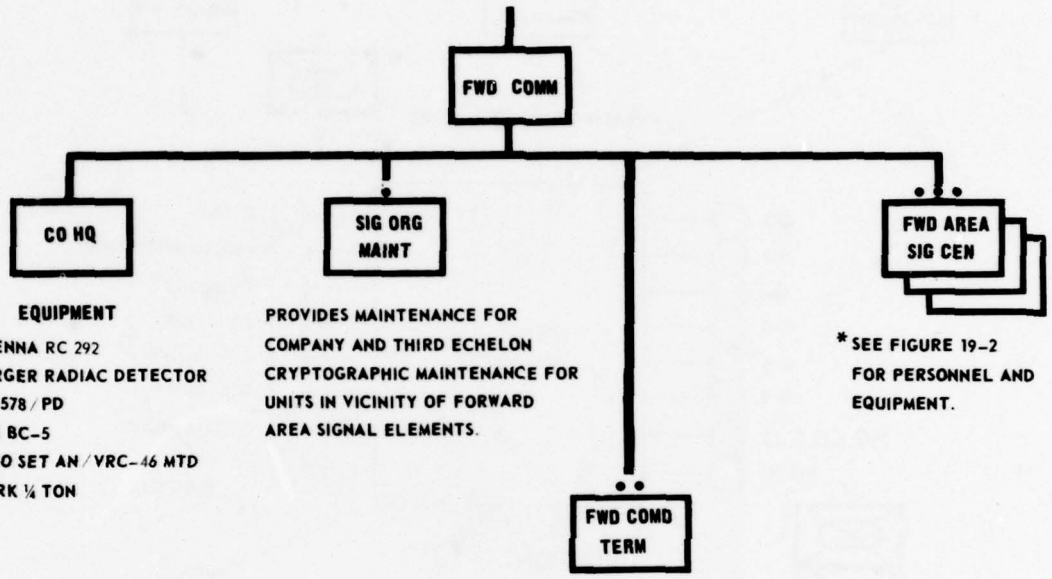
*HOTLINES WILL ALSO BE ESTABLISHED INTO AREA SYSTEM TO DIVISION.

**INCLUDES OTHER SUPPORT OR ATTACHED UNITS, RADIO TRUCKS, AND AUGMENTATIONS

***INITIAL WIRE COMMUNICATIONS ESTABLISHED THROUGH AREA SYSTEM.

Figure 18-12. Type Wire System, Separate Mechanized Brigade.

CHAPTER 19
DIVISION COMMUNICATION - SYSTEMS



EQUIPMENT

1 ANTENNA RC 292
2 CHARGER RADIAC DETECTOR PP-1578/PD
1 CASE BC-5
1 RADIO SET AN/VRC-46 MTD IN TRK ¼ TON

PROVIDES MAINTENANCE FOR COMPANY AND THIRD ECHELON CRYPTOGRAPHIC MAINTENANCE FOR UNITS IN VICINITY OF FORWARD AREA SIGNAL ELEMENTS.

*SEE FIGURE 19-2 FOR PERSONNEL AND EQUIPMENT.

(NOTE: THIS SECTION HAS THE CAPABILITY OF BEING SPLIT TO PROVIDE THE THREE BRIGADE HQS ENTRY INTO THE DIVISION AREA SYSTEM.)

PERSONNEL

1 SECTION LEADER
1 SECTION SERGEANT
9 TEAM CHIEFS
3 POWERMEN
9 SR RADIO RELAY OP
9 RADIO RELAY OP

EQUIPMENT

3 ANTENNA RC 292
72 CABLE ASSEMBLY TELEPHONE CX-4566/G (250 FT)
18 CABLE ASSEMBLY TELEPHONE CX-4760/U
9 CASE BC-5
9 DISTRIBUTION BOX J-1077/U
3 MULTIMETER TS 352/U
3 RADIO SET AN/PRC-25
3 RADIO SET AN/VRC-47 MTD IN ¼ TON TRUCK
9 RADIO TERMINAL SET AN/MRC-69
6 REELING MACHINE CABLE HAND RL-39
1 TEST SET TELEPHONE TS-559/FT
18 WIRE WD-1/TT ON DR-8 ¼MI

Figure 19-1. Forward Communication Company, Infantry and Mechanized Division Signal Battalion.

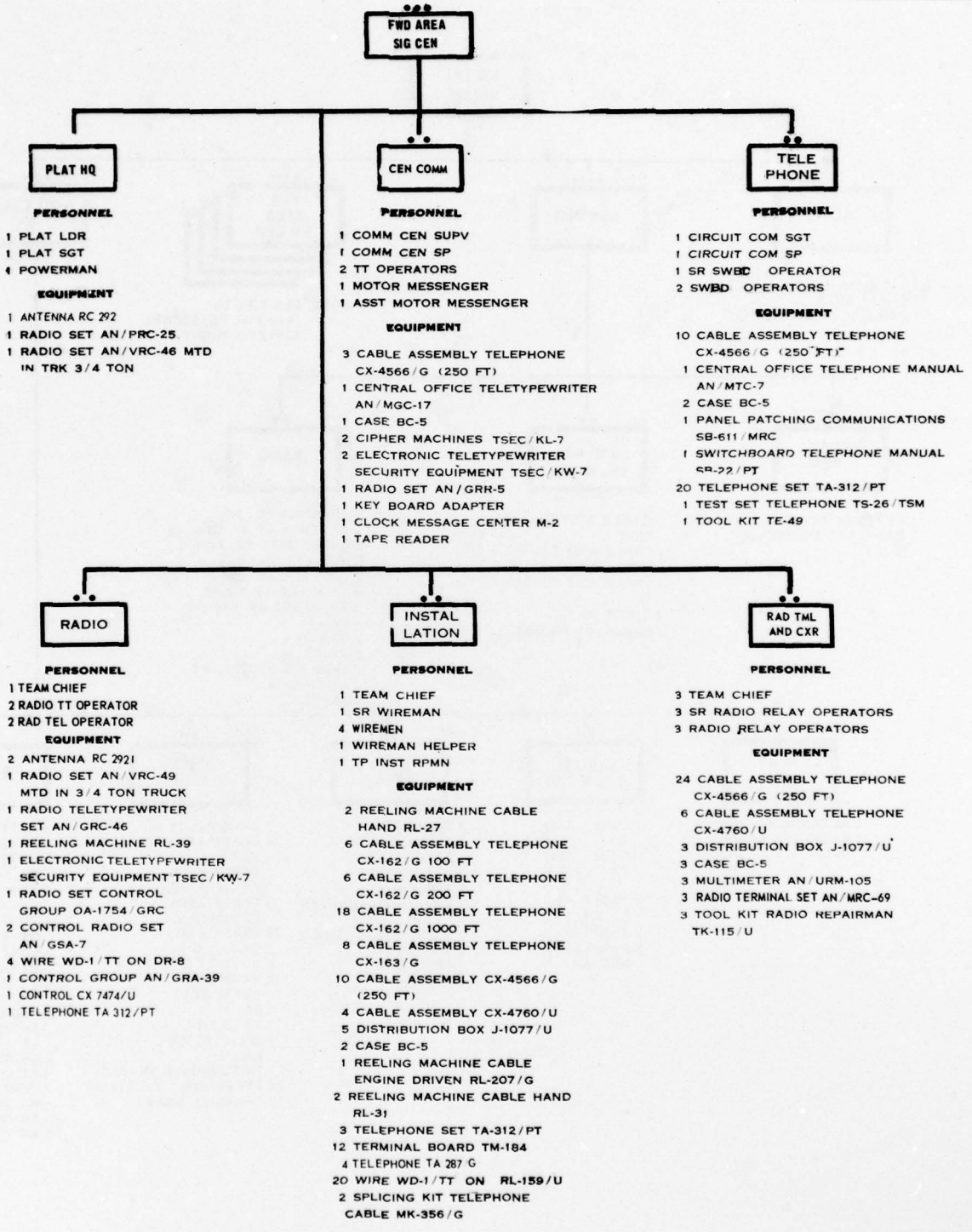


Figure 19-2. Communication Personnel and Equipment, Forward Area Signal Center Platoon, Infantry and Mechanized Divisions.

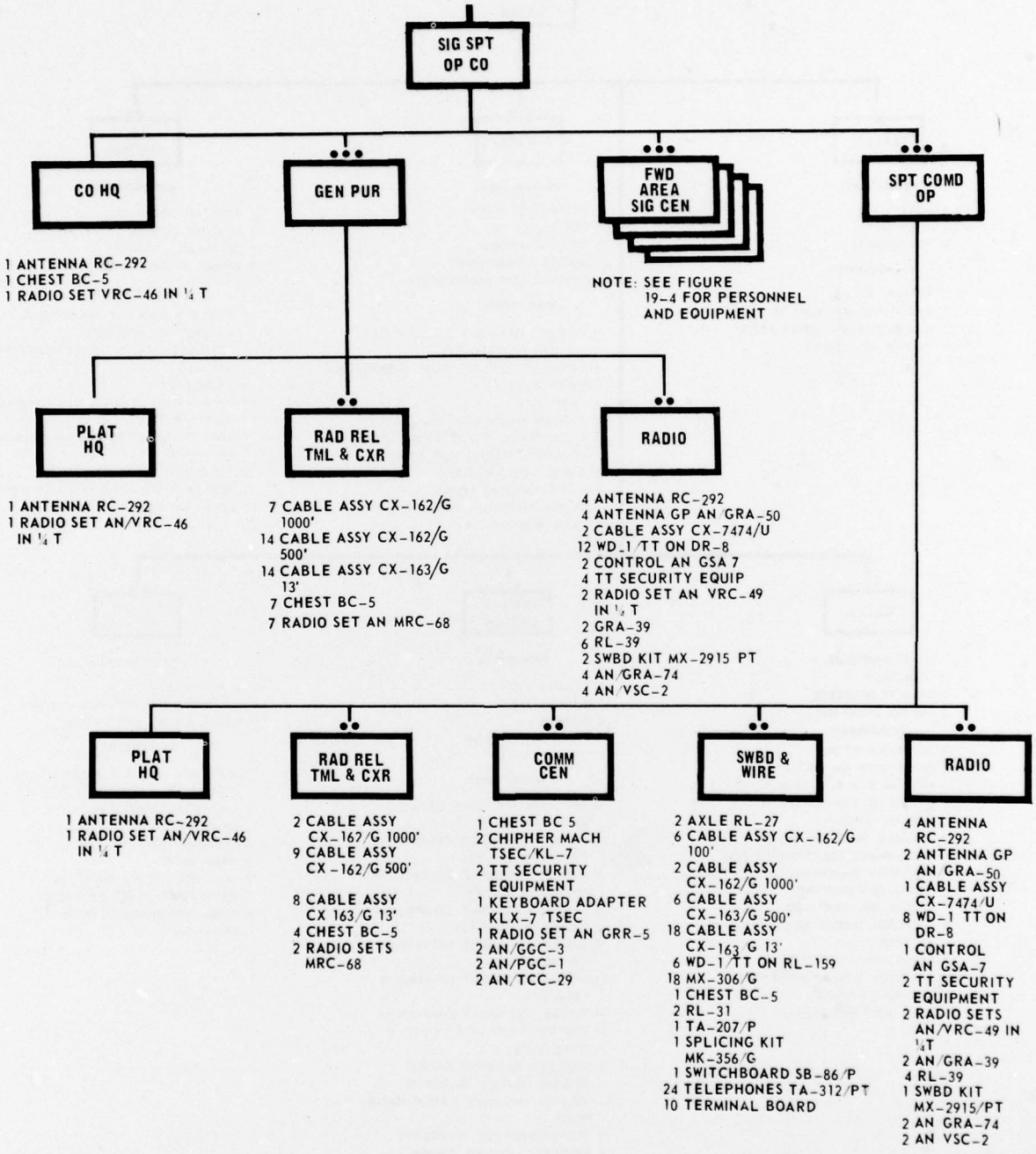


Figure 19-3. Signal Support Operations Company, Airborne Division Signal Battalion.

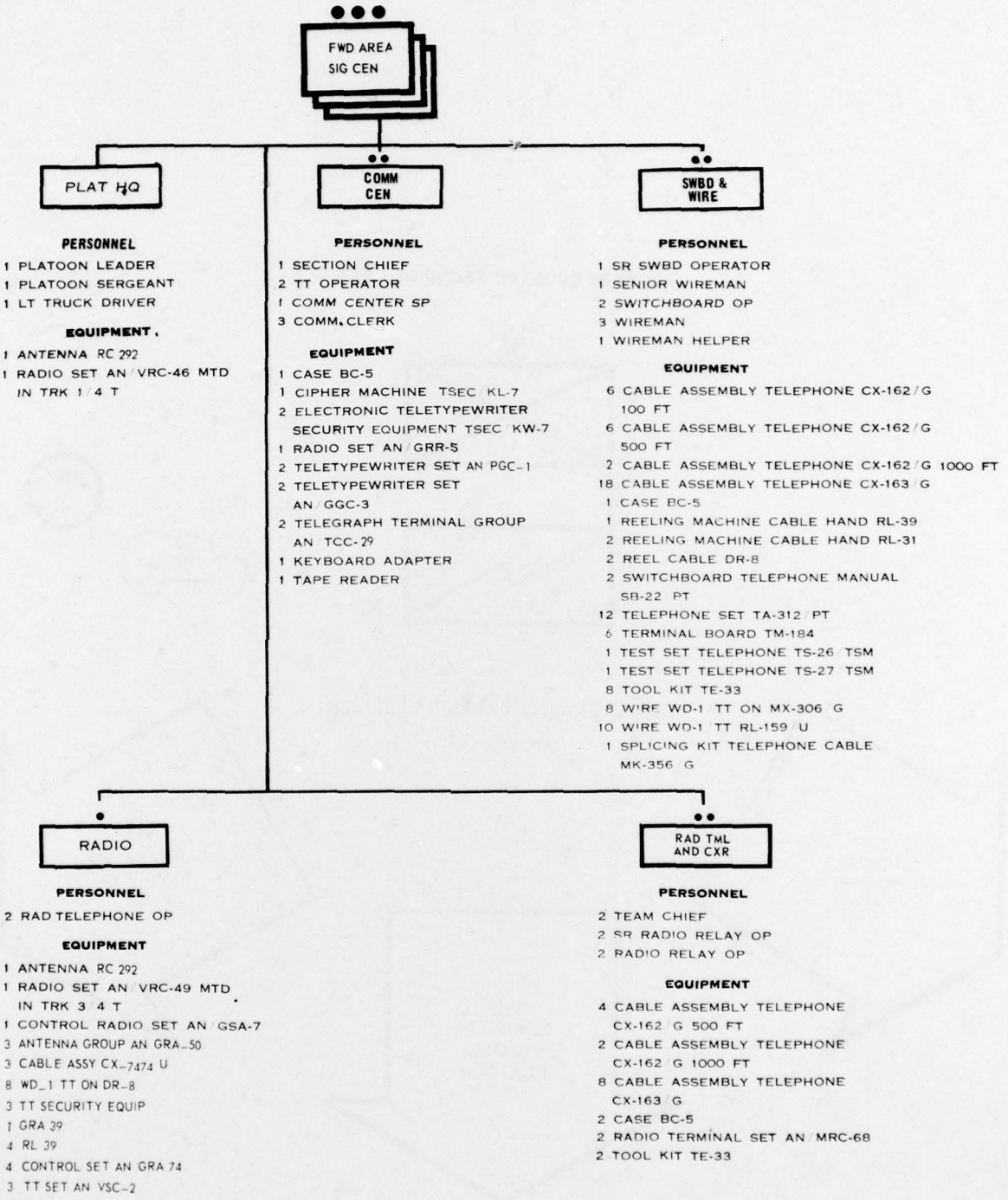


Figure 19-4. Communication Personnel and Equipment, Forward Area Signal Center Platoon, Airborne Division.

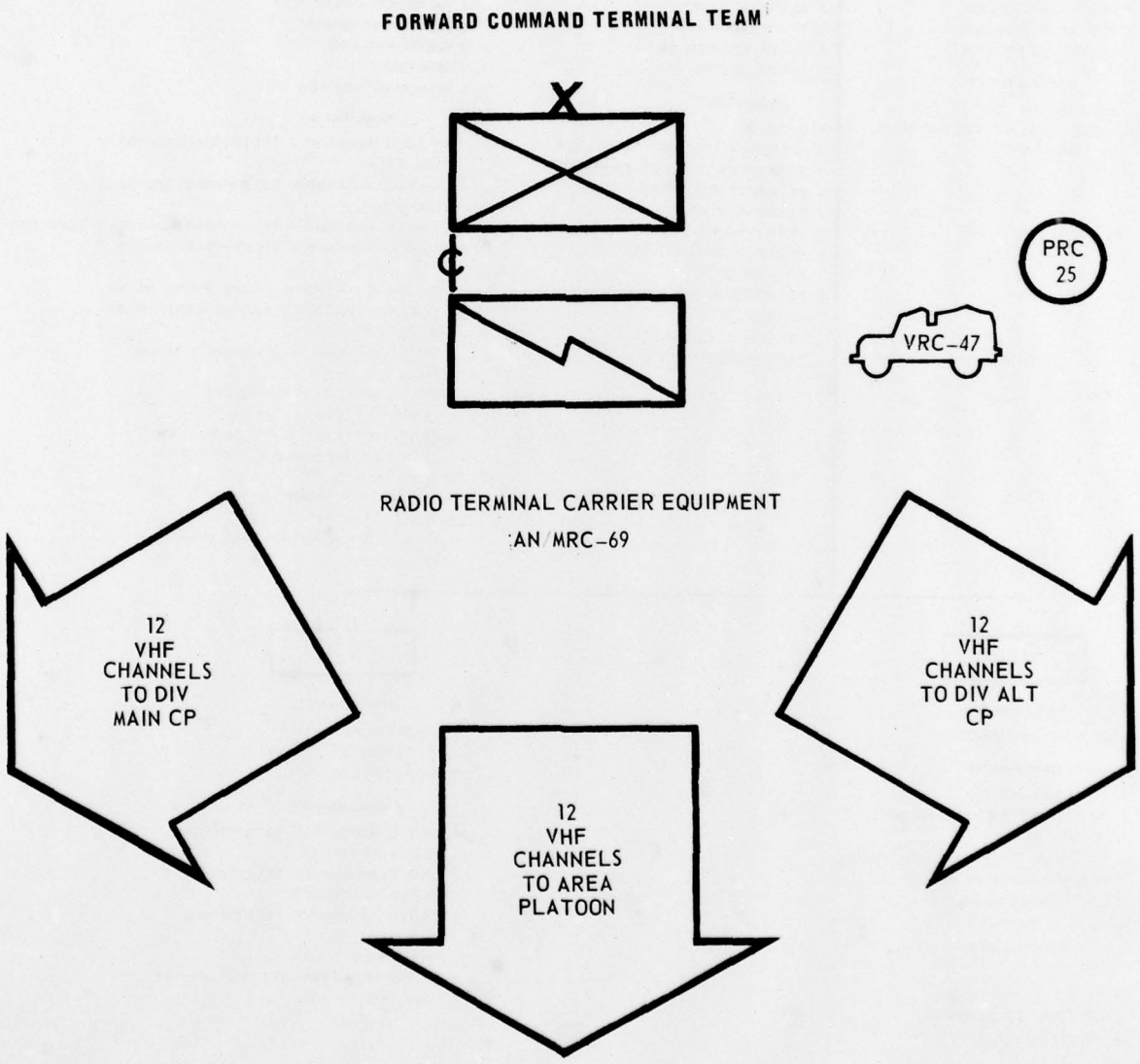


Figure 19-5. Type Brigade Support from Forward Command Terminal Team, Infantry and Mechanized Division Forward Communications Company.

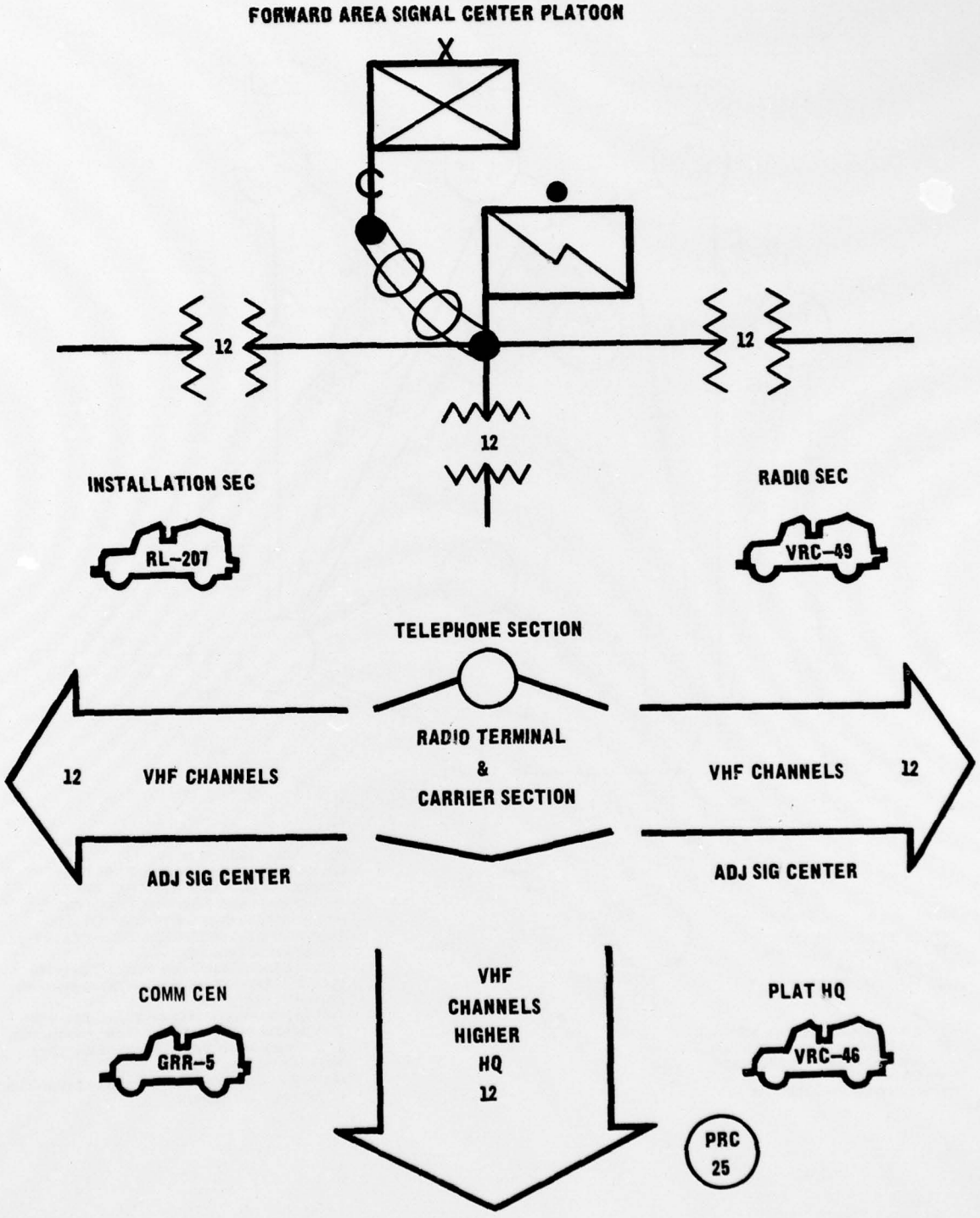


Figure 19-6. Type Services Provided by Forward Area Signal Center Platoon, Infantry and Mechanized Division.

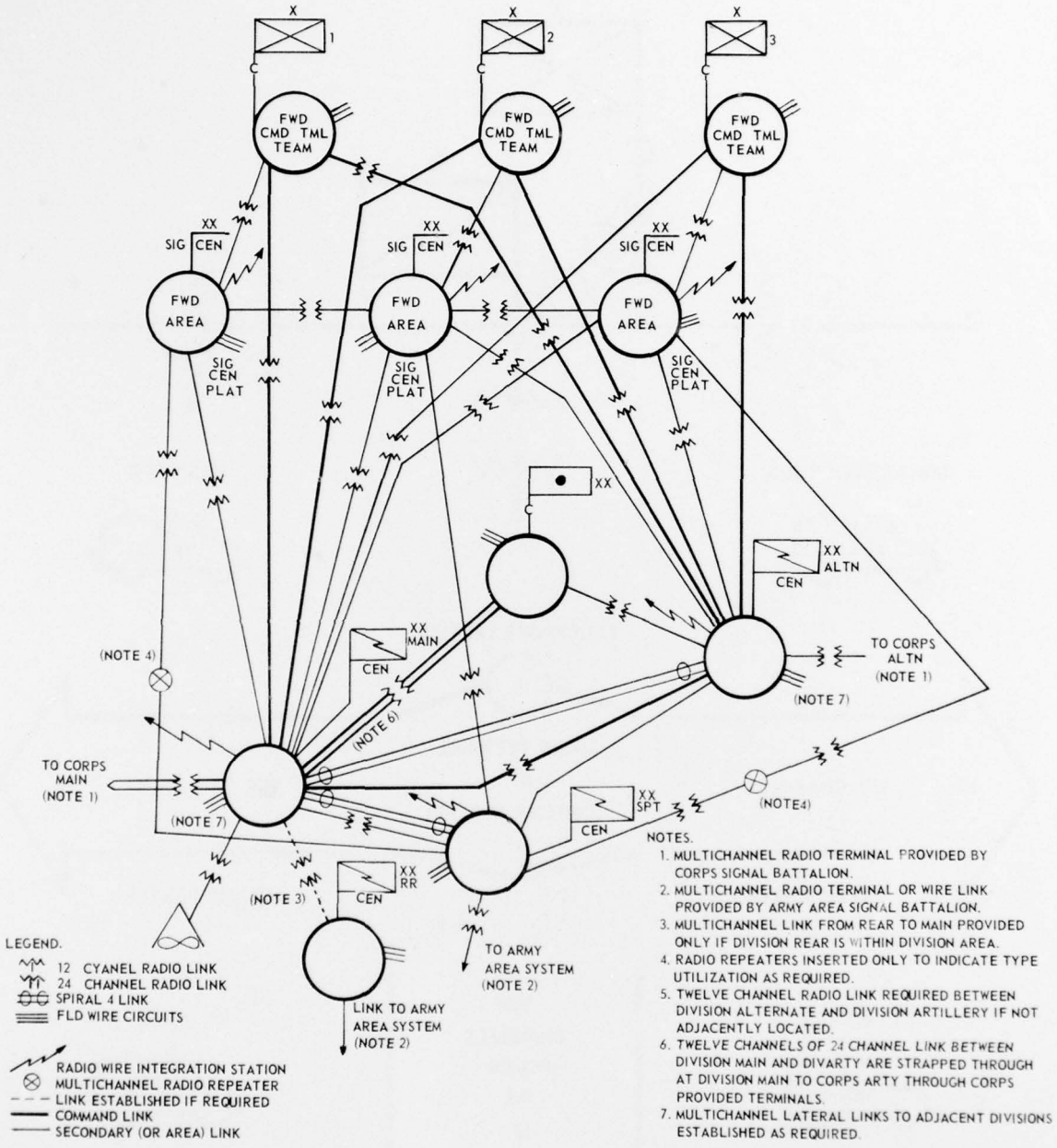


Figure 19-7. Type Division Area Communication System, Infantry and Mechanized Division.

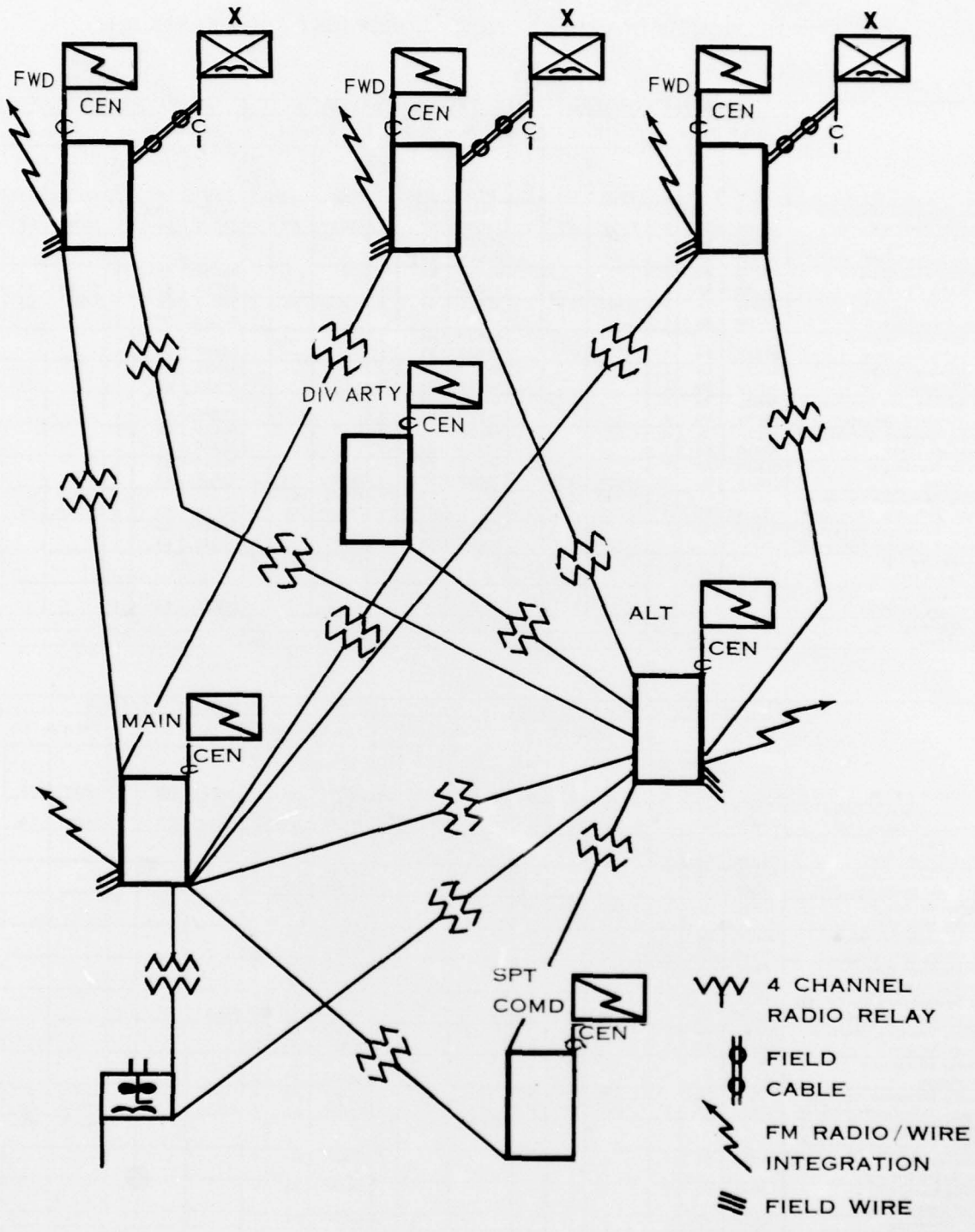


Figure 19-8. Type Division Area Communication System, Airborne Division.

CHAPTER 20
RECAPITULATION OF COMMUNICATION - EQUIPMENT AND PERSONNEL

	INFANTRY BATTALION						AIRBORNE BATTALION						MECHANIZED BATTALION					
	Hq & Hq Co			Rifle Co			Hq & Hq Co			Rifle Co			Hq & Hq Co			Rifle Co		
DESIGNATION	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH
Communications Officer	0200	Capt	1				70200	Capt	1				0200	Capt	1			
Communications Chief	31G40	E7	1	31G40	E5	1	31G4P	E7	1	31G4P	E5	1	31G40	E6	1	31G40	E5	1
Wire Foreman	36K40	E6	1				36K4P	E6	1									
Wire Team Chief	36K40	E5	2				36K4P	E5	2									
RATT Team Chief	05C40	E5	1				05C4P	E5	1				05C40	E5	1			
Sr Radio Mechanic	31B20	E5	1				31B2P	E5	1				31B20	E5	1	31B20	E5	1
Radio Mechanic	31B20	E4	2	31B20	E4	1	31B2P	E4	2	31B2P	E4	1	31B20	E4	2	31B20	E4	1
Radar Mechanic	26C20	E4	1										26C20	E4	1			
Sr IS Radio Operator							05B2P	E4	1									
IS Radio Operator	05B20	E4	2				05B2P	E3	1				05B20	E4	4			
Sr Message Clerk	36K20	E4	1				36K2P	E4	1				36K20	E4	1			
Sr Wireman	36K20	E4	2				36K2P	E4	2				36K20	E4	1			
Sr Switchboard Operator	36K20	E4	1				36K2P	E4	1									
Switchboard Operator	36K20	E3	2				36K2P	E3	2				36K20	E3	1			
Radio Teletype Operator	05C20	E4	2				05C2P	E4	2				05C20	E4	2			
Message Clerk	36K20	E3	3				36K2P	E3	3				36K20	E3	2			
Motor Messenger	36K20	E3	2				36K2P	E3	2				36K20	E3	2			
Wireman	36K20	E3	4	36K20	E3	2	36K2P	E3	4	36K2P	E3	2	36K20	E3	2			
Radio Telephone Operator				11B10	E3	5	11B1P	E3	1	11B1P	E3	5				11B10	E3	5
Radio Telephone Operator	11C10	E3	4	11C10	E3	4	11C1P	E3	3	11C1P	E3	1	11C10	E3	4	11C10	E3	2
Radio Telephone Operator	11H10	E3	1				11H1P	E3	1				11H10	E3	1			
Radio Telephone Operator							36K2P	E3	4				11D10	E3	1			
Messenger										11B1P	E3	4						
Lt Truck Driver	36K20	E3	1															
Chief Radio OP																		
Per Carr Driver													36K20	E4	1			
A. Messenger																		
Aggregate			35			13			37			14			29			10

	LT INF BATTALION									AIR MOBILE BATTALION								
	Hq & Hq Co			Rifle Co			Cbt Spt Co			Hq & Hq Co			Rifle Co			Cbt Sp Co		
DESIGNATION	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH
Communications Officer	0200	03	1							0200	03	1						
Communications Chief	31G40	E7	1	31G40	E5	1	31G40	E5	1	31G40	E7	1	31G40	E5	1	31G40	E5	1
Wire Foreman																		
Wire Team Chief	36K40	E5	1							36K40	E5	1						
RATT Team Chief	05C40	E5	1							05C40	E5	1						
Sr Radio Mechanic	31B20	E5	2							31B20	E5	2						
Radio Mechanic	31B20	E4	2	31B20	E4	1				31B20	E4	2	31B20	E4	1			
Radar Mechanic																		
Sr IS Radio Operator	05B20	E4	3							05B20	E4	3						
IS Radio Operator	05B20	E3	4							05B20	E3	4						
Sr Message Clerk	36K20	E4	1							36K20	E4	1						
Sr Wireman	36K20	E4	1							36K20	E4	1						
Sr Switchboard Operator	36K20	E4	1							36K20	E4	1						
Switchboard Operator	36K20	E3	1	36K20	E4	1				36K20	E3	1	36K20	E4	1			
Radio Teletype Operator	05C20	E4	2							05C20	E4	2						
Message Clerk	36K20	E3	3							36K20	E3	3						
Motor Messenger																		
Wireman	36K20	E3	3							36K20	E3	3						
Radio Telephone Operator	11B10	E4	1	11B10	E3	5	11B10	E3	4	11B10	E3	1	11B10	E3	5	11B10	E3	4
Radio Telephone Operator	91A10	E3	2	11C10	E3	2	11C10	E3	7	91A10	E3	2	11C10	E3	2	11C10	E3	7
Radio Telephone Operator							11H10	E3	1							11H10	E3	1
Radio Telephone Operator																		
Messenger	36K20	E3	1							36K20	E3	1						
Lt Truck Driver																		
Chief Radio OP	05B40	E5	1							05B40	E5	1						
Per Carr Driver																		
A. Messenger	36K20	E2	1							36K20	E2	1						
Aggregate			33			10			13			33			10			13

Figure 20-1. Recapitulation Communication Personnel, Infantry, Airborne Infantry and Mechanized Infantry Battalions.

	INF BDE			ABN BDE			MECH BDE			LT INF BDE		
	Hq & Hq Co			Hq & Hq Co			Hq & Hq Co			Hq & Hq Co		
DESIGNATION	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH
Signal Officer	0210	Maj	1	70210	Maj	1	0210	Maj	1	0210	Maj	1
Crypto Officer												
Communications Plat Ldr	0200	Lt	1	70200	Lt	1	0200	Lt	1	0200	Lt	1
Communications NCO										31G50	E8	1
Communications Chief	31G50	E8	1	31G5P	E8	1	31G50	E8	1	31G50	E8	1
Section Sergeant	31G40	E6	1	31G4P	E6	1	31G40	E6	1	31G40	E6	1
Ass't Section Sergeant				31G4P	E5	1						
Wire Team Chief	31G40	E5	2	31G4P	E5	2	31G40	E5	2	31G40	E5	3
Radio Section Sergeant	05C40	E5	1	05C4P	E5	1	05C40	E5	1	05C40	E6	1
RATT Team Chief	05C40	E5	4	05C4P	E5	1	05C40	E5	4	05C40	E5	2
Sr Radio Mechanic	31B20	E5	1	31B2P	E5	1	31B20	E5	1	31B20	E5	1
RATT Operator	05C20	E4	10	05C2P	E4	2	05C20	E4	10	05C20	E4	4
Sr IS Radio Operator				05B2P	E4	2				05B20	E4	3
IS Radio Operator	05B20	E4	2	05B2P	E3	4	05B20	E4	4	05B20	E3	4
Radio Mechanic	31B20	E4	1	31B2P	E4	2	31B20	E4	1	31B20	E4	1
Crypto Repairman										31K20	E4	1
Cryptographer				72B2P	E4	2				72B20	E4	2
Commcen Supv										72B40	E5	1
Crypto Mat SP										72B30	E4	1
SOI Clerk										72B20	E4	1
Sr Message Clerk	36A10	E4	1	36A1P	E4	1	36A10	E4	1	36A10	E4	1
Sr Switchboard Op	36A10	E4	1	36A1P	E4	1	36A10	E4	1	36A10	E4	1
Sr Wireman	36A10	E4	2	36A1P	E4	2	36A10	E4	2	36A10	E4	3
Teletype Operator	72B20	E4	3	72B2P	E4	3	72B20	E4	3	72B20	E4	3
Message Clerk	36A10	E3	1	36A1P	E3	2	36A10	E3	1	36A10	E3	2
Messenger	36A10	E3	1	36A1P	E3	1	36A10	E3	1	36A10	E3	2
Motor Messenger	36A10	E3	2	36A1P	E3	1	36A10	E3	2			
Switchboard Operator	36A10	E3	3	36A1P	E3	2	36A10	E3	2	36A10	E3	4
Switchboard Helper										36A10	E2	1
Wireman	36A10	E3	6	36A1P	E3	6	36A10	E3	6	36A10	E3	9
Ass't Motor Messenger				36A1P	E2	1						
Radio Tel Op	11B10	E3	8	11B1P	E3	1	36A10	E4		64C20	E5	1
Radio Tel Op	63A10	E3	1				11B10	E3	1	11B10	E3	5
Radio Tel Op	71H20	E4	1							95B10	E3	6
Radio Tel Op										71B20	E4	1
Radio Tel Op												
AGGREGATE			55			43			48			70

	AIR MOB BDE			SEP INF BDE			SEP ABN BDE			SEP MECH BDE		
	Hq & Hq Co			Hq & Hq Co			Hq & Hq Co			Hq & Hq Co		
DESIGNATION	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH	MOS	GR	AUTH
Signal Officer	0210	Maj	1	0210	Maj	1	70210	Maj	1	0210	Maj	1
Crypto Officer				0221	Lt	1				721A0	WO	1
Communications Plat Ldr	0200	Lt	1	0200	Lt	1	70200	Lt	1	0200	Lt	1
Communications NCO							31G5P	E8	1			
Communications Chief	31G50	E8	1	31G5P	E8	1	31G5P	E8	1	31G50	E8	1
Section Sergeant	31G40	E6	1	31G4P	E7	1	31G4P	E7	1	31G40	E7	1
Ass't Section Sergeant				31G4P	E6	1				31G40	E6	1
Wire Team Chief	31G40	E5	1	31G4P	E5	6	31G4P	E5	3	31G40	E5	6
Radio Section Sergeant	05C40	E6	1				05C4P	E6	1			
RATT Team Chief	05C40	E5	1	05C40	E5	2	05C4P	E5	2	05C40	E5	2
Sr Radio Mechanic	31B20	E5	1	31B20	E5	1	31B2P	E5	1	31B20	E5	1
RATT Operator	05C20	E4	2	05C20	E4	4	05C2P	E4	4	05C20	E4	4
Sr IS Radio Operator	05B20	E4	7	05B20	E4	2	05B2P	E4	3	05B20	E4	2
IS Radio Operator	05B20	E3	7				05B2P	E3	4			
Radio Mechanic	31B20	E4	1	31B20	E4	1	31B2P	E4	1	31B20	E4	1
Crypto Repairman				31K20	E5	1	31K2P	E4	1	31K20	E5	1
Cryptographer	72B20	E4	1				72B2P	E4	2			
Commcen Supv	72B40	E5	1				72B4P	E5	1			
Crypto Mat SP				72B30	E4	1	72B3P	E4	1	72B30	E4	1
SOI Clerk				72B20	E4	1	72B3P	E4	1	72B20	E4	1
Sr Message Clerk	36A10	E4	1	36A10	E4	1	36A1P	E4	1	36A10	E4	1
Sr Switchboard Op	36A10	E4	1	36A10	E4	1	36A1P	E4	1	36A10	E4	1
Sr Wireman	36A10	E4	1	36A10	E4	6	36A1P	E4	3	36A10	E4	6
Teletype Operator	72B20	E4	2				72B2P	E4	3			
Message Clerk	36A10	E3	2	36A10	E3	3	36A1P	E3	2	36A10	E3	3
Messenger	36A10	E3	2				30A1P	E3	1			
Motor Messenger				36A10	E3	2	36A1P	E3	2	36A10	E3	2
Switchboard Operator	36A10	E3	2	36A10	E3	3	36A1P	E3	3	36A10	E3	3
Switchboard Helper				36A10	E2	1	36A1P	E2	1	36A10	E2	1
Wireman	36A10	E3	4	36A10	E3	12	36A1P	E3	9	36A10	E3	12
Ass't Motor Messenger	36A10	E2	1									
Radio Tel Op	11B10	E3	6	36A10	E3	3	11B1P	E5	7	36A10	E3	3
Radio Tel Op	93B20	E3	1	11B10	E3	9	64C2P	E5	1	11B10	E3	8
Radio Tel Op				12A10	E3	1	71B2P	E4	1	71B20	E3	1
Radio Tel Op							95B1P	E3	6	76A10	E3	1
Radio Tel Op												
AGGREGATE			50			67			71			61

Figure 20-2. Recapitulation Communication Personnel, Infantry, Airborne, and Mechanized Brigades.

COMMUNICATIONS EQUIPMENT	BRIGADES					BATTALIONS					RIFLE CO					CSC		SEP BDE		
	INF	ABN	MECH	AM	LT INF	INF	ABN	MECH	AM	LT INF	INF	ABN	MECH	AM	LT INF	AM	LT INF	INF	ABN	MECH
RADIO AN/VRC-46				4				4					1							
RADIO AN/VRC-46 IN 1/4-T	4	7	3	2	17	7	11	7	1	1		2						20	18	20
RADIO AN/VRC-46 IN 3/4-T	3	3	3		4	5	3	1										12	4	3
RADIO AN/VRC-46 IN M113													1							
RADIO AN/VRC-46 IN M577			5					1												2
RADIO AN/VRC-46 IN RECOVERY VEH			1					2												
RADIO AN/VRC-46 IN SHOP VAN	4					2												3		
RADIO AN/VRC-47 IN 1/4-T	6	1	4	2	2	14	2	8			2		2					5	4	7
RADIO AN/VRC-47 IN 3/4-T	1	1			2	5													2	
RADIO AN/VRC-47 IN M113								2					4							
RADIO AN/VRC-47 IN M114													1							
RADIO AN/VRC-47 IN M577			3					3												3
RADIO AN/VRC-47 IN SHOP VAN	0																	1		
RADIO AN/VRC-49 IN 1/4-T	1	1	1	4	3	1	1		1	1								1	2	2
RADIO AN/VRC-49 IN 3/4-T								1*										1		1
RADIO AN/VRC-53 IN 1/4-T						1														
RADIO AN/VRC-53 IN 3/4-T						2														
RADIO AN/VRC-53 IN M113			4					2					10							4
RADIO AN/VRC-53 IN M577								2												
RADIO CONTROL GP AN/GRA-6				2	1				1	1										
RADIO CONTROL GP AN/GRA-39	5	8	3	11	9	17	6	12	6	6	2	2	6					8	11	10
RADIO CONTROL GP AN/GRA-74		2		1			1		2										2	
RADIO CONTROL GP OA-1754/GRC	3		1															2		2
RADIO TT SET AN/GRC-46	5		2			1												2		2
RADIO TT SET AN/VRC-29			3					1												
RADIO TT SET AN/VSC-2		1					1		1	1									2	
REEL CABLE DR-8	4	4		1		11	2	8			4			7	7	8	8	4		4
REEL CABLE RL-159	6	6	9	6	9	7	4	5	6	6	1	4	7	1	1			6	9	6
REEL EQUIPMENT CE-11	5	1	1	1	1	17	10	18			3	9	2	9	9			1	1	1
REELING MACHINE RL-31	2	4	2	2	5	2	3	2	2	2								6	5	6
REELING MACHINE RL-39	3	8	3	2	16	20	19	15	6	6	11	5	14			7	7	15	18	12
REELING MACHINE RL-172/G	4		4			3		1										6		6
RETRANSMISSION CABLE MK-126/G								2												
SPLICING KIT MK-356/G	4	4	8		6	9	2	1			2	2						6	6	6
SPEECH SECURITY EQUIP TSEC/KY-8	3	3	3		1	2		2										2	5	4
SWITCHBOARD KIT MX-2915/PT					1													1	1	
SWITCHBOARD SB-22/PT	2	1	2	4	2	3	3	3	2	2	1	1	1			1	1	2	2	2
SWITCHBOARD SB-86/P		2			1	1													1	
SWITCHBOARD SB-993/GT						2	2	1			2	1	2	2	2					
TELEGRAPH TERM GP AN/TCC-14	2		2																	
TEL SWITCHING GP MX-155/GT								1												
TELEPHONE TA-1/PT	6	6	6	6	6						25	20	28	15	15			6	6	6
TELEPHONE TA-264/PT	2		2																	
TELEPHONE TA-312/PT	26	22	26	28	36	55	57	46	24	24	8	5	4	7	7	9	10	25	38	23
TT SET AN/GGC-3 (TGC-14)	2	2	2	1	1														2	
TT SET AN/PGC-1 (TGC-15)	2	2	2	1	1														2	
TT SECURITY EQUIP TSEC/KW-7	7	4	5	1	5	1	1	1		1								5	5	2
TERMINAL BOARD TM-184	8	8	8	8	8	8	8	4	4	4								8	8	8
TERMINAL TELEGRAPH TH-5/GT		1																		
TERMINAL TELEGRAPH TH-22/GT				1																
TERMINAL TELEGRAPH AN/TCC-29		2			2													2	2	
TEST SET AN/UPM-93						1		2												
TEST SET TV-7/U	1	1	1	3	3	1	2	2	1	1	1		1					2	3	1
TEST SET AN/GRM-55		1		1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
TEST SET AN/VRM-1	1	1	1	1	2	1	2	1	1	1	1	1	1					1	2	2
TEST SET AN/URM-98						1														
TOOL KIT TK-115/G	2																	3	3	3

*Mounted in M577

Figure 20-3. Recapitulation Communication Equipment. (Continued on Next Page)

COMMUNICATIONS EQUIPMENT	BRIGADES					BATTALIONS					RIFLE CO					CSC		SEP BDE		
	INF	ABN	MECH	AM	LT INF	INF	ABN	MECH	AM	LT INF	INF	ABN	MECH	AM	LT INF	AM	LT INF	INF	ABN	MECH
AMPLIFIER OA-3633/PRC-25								3												
ANTENNA AT-784/PRC						3	6	7			2	2		1	1					
ANTENNA AT-984/G	1		4			4		3	1	1	1		1	2	2					
ANTENNA GP RC-292	3	8	3	14	8	6	14	6	10	10	1		2	3	3	6	6	7	8	7
ANTI INTRUSION AN/GSS-9																				
ANTENNA GP AN/GRA-50				1	3				2	2								3	3	
AXLE CABLE REEL RL-27	4	2	5	2	5	8	3	4	1	1	1	1		1	1			5	5	5
CABLE ASSEMBLY CX-7474/U					1													1	1	
CABLE TEL: WD-1/TT DR-8 1320 FT	9	13	11	1	27	34	51	42	6	6	12	19	20	3	3			14	30	11
CABLE TEL: WD-1/TT RL-159 5280 FT	40		40	10	40	16	16	6										60	40	20
CABLE TEL: WD-1/TT MX-306	20	22	20	20	20	45	36	21	20	20	15	18	18	18	18	10	10	40	20	40
CENTRAL OFFICE TEL: AN/MTC-7	2		2		1													2		2
CENTRAL OFFICE TT: AN/MGC-17					1															
CHARGER BATTERY PP-1578	2	3	2	5	3	6	3	6	3	3	3	3	3	2	2	3	3	4	3	3
CHARGER BATTERY PP-1659							1	1												
CHEST BC-5	4	4	4	4	5	5	5	1	5	5			1					4	5	
CIPHER MACHINE TSEC/KL-7	2	2	2	2	2	2	1	2										2	2	2
CONTROL RADIO SET: AN/GSA-7					1													1	1	1
CONTROL RADIO SET: C-2299/VRC	1					1	1	1												
COMMUNICATION CENTRAL ASC-5				1					1	1										
CRYSTAL UNIT SET CK-6/PRC		6			6	6	9							6	6			6	6	
GENERATOR PU-422/PP						2		2												
GENERATOR PU-532/PP				2		4	2	4												
HANDSET-HEADSET H-144/U						5					5									
HEADSET-MICROPHONE H-161/U					1		5		5	5		7		13	13	15	15	1	1	
HEADSET-MICROPHONE H-182/PT								9					2							
INDICATOR ID-292/PRC-6		1			1	1	1		1	1	1	1	1	1	1			1	1	1
INVERTER VIBRATOR PACK PP-68/U	1	1	1	1	2	1	2	2	1	1			1					1	2	1
KEYBOARD ADAPTER KLX-7/TSEC		1			1		1											1	1	1
LOUDSPEAKER LS-166/U			1			3		1												
LOUDSPEAKER LS-454/U							1		2	2		1		14	14	9	9			
MODIFICATION KIT MX-898/GR								2												
MULTIMETER: AN/PRM-15	1	1	1		2													2	2	2
MULTIMETER: AN/URM-105	3	2	3	2	3	3	3	3	4	4			2	1	1	1	1	2	4	3
MULTIMETER: ME-26/U					1													1	1	
MULTIMETER: TS-352/U		1			2			1										1	2	1
POWER SUPPLY PP-2953		1			2		2											1	2	1
RADAR SET AN/PPS-4				2		4	2	4												
RADAR SET AN/TPS-33						2		2												
RADIO AN/GRC-106 IN 1/4-T		1			2				1	1									2	
RADIO AN/GRC-106 IN 3/4-T	2	3	1		2	2	1											2	2	1
RADIO AN/GRC-106 IN M113								1												
RADIO AN/GRC-106 IN M114																				
RADIO AN/GRC-106 IN M577			1					1												1
RADIO AN/GRC-125 IN 1/4-T					1	6	16	4			3	2			1	9	9	1	2	1
RADIO AN/GRC-125 IN 1/2-T																				
RADIO AN/GRC-125 IN 3/4-T							3	2												
RADIO AN/GRC-125 IN M113													1							
RADIO AN/GRC-125 IN M114								4												
RADIO AN/GRC-125 IN CARR HV MORT								4					3							
RADIO AN/GRR-5										1					1		1			
RADIO AN/GRR-5 IN 1/4-T					1													1	1	1
RADIO AN/GRR-5 IN 3/4-T	2	1	1			1	1											1		1
RADIO AN/GRR-5 IN M577			1					1												1
RADIO AN/PRC-6	6	6	6		8						18	18	18	20	18			7	8	10
RADIO AN/PRC-25	5	4	5	21	4	16	16	10	16	16	10	13	12	14	12	16	16	4	4	2
RADIO AN/PRC-41					1				1	1										
RADIO AN/PRC-47					3				5	5										
RADIO AN/VRC-12 IN 1/4-T	1		1																	
RADIO AN/VRC-12 IN M114			3					3												3
RADIO AN/VRC-24 IN 1/4-T				2					1											
RADIO AN/VRC-24 IN 3/4-T	2	3	1		2	2	1			1								2	2	2
RADIO AN/VRC-24 IN M113								1												
RADIO AN/VRC-24 IN M577			1					1												1

Figure 20-3 (Continued).

INDEX

ITEM	PAGE
AM-1780/VRC	6-5
AM-4306/GRC	12-2
AN/ARC-44	8-6
AN/ARC-54	8-7
AN/GGC-3	10-22
AN/GRA-39	6-13
AN/GRC-19	7-3
AN/GRC-46	7-9
AN/GRC-87	8-1
AN/GRC-106	7-17
AN/GRC-125	4-12
AN/GRC-142	7-19
AN/GRR-5	7-2
AN/GRT-13	12-4
AN/GSA-7	9-29
AN/GSS-9	11-5
AN/MRC-69(V)	8-8
AN/MTC-7	10-28
AN/PGC-1	10-21
AN/PPS-4	11-1
AN/PPS-5	11-4
AN/PRC-6	4-1
AN/PRC-25	4-6
AN/PRC-41	7-20
AN/PRC-47	7-21
AN/PRC-74B	7-22
AN/PRC-77	12-2
AN/PRC-88	4-4
AN/PRR-9	4-5
AN/PRT-4	4-5
AN/TCC-14	10-23
AN/TCC-29	10-24
AN/TPS-33	11-2
AN/VRC-12	5-1, 5-11
AN/VRC-24	8-5
AN/VRC-29	7-10
AN/VRC-34	8-2
AN/VRC-43	5-12
AN/VRC-44	5-13

INDEX

ITEM	PAGE
AN/VRC-45	5-14
AN/VRC-46	5-15
AN/VRC-47	5-16
AN/VRC-48	5-17
AN/VRC-49	5-18
AN/VRC-53	4-11
AN/VSC-1	7-16
AN/VSC-2	7-18
AN/VSC-3	7-18
AP-30C	9-28
AP-30D	9-28
AS-1729/VRC	5-9
AT-339/PRC	4-10
AT-784/PRC	4-13
AT-912/PRC	5-8
AT-984/G	4-14
C-2296/VRC	6-6
C-2297/VRC	6-8
C-2298/VRC	6-9
C-2299/VRC	6-11
C-2742/VRC	6-12
CE-11	10-5
CV-278/GR	7-10
H-138/U	6-1
H-140/GR	6-4
H-189/GR	6-2
H-161A/U	6-2
LS-454/U	6-3
LS-549/PRC	4-5
M-80/U	6-3
MD-203/GR	7-10
MK-356/G	10-2
MK-456/G	12-3
MT-1029/VRC	5-5
MT-1898/VRC	5-7
MX-306A/G	10-6
MX-6894/TT	10-7
MX-6895/TT	10-7
PP-2953/U	6-14
R-442/VRC	5-6
RC-292	9-1
RL-27	10-7
RL-31	10-8
RL-39	10-5
RL-159/U	10-8
RL-172 ( )/G	10-13

INDEX

ITEM	PAGE
RT-246	5-1
RT-524	5-3
SB-22/PT	10-15
SB-86/P	10-17
SB-993/GT	10-14
TA-1/PT	10-9
TA-312/PT	10-10
TA-264/PT	10-12
TT-4	10-21
TT-76	10-22
VS-17/GVX	9-28
WD-36/TT	10-6

58337 Army-Ft. Benning, Ga. 1 Oct 69

