

MODULE 48
TELEPHONE EQUIPMENT OPERATION

OBJECTIVE

Given TO 31S1-2TSC60-12, operate the telephone equipment IAW para 3-123 thru 3-129.

PREREQUISITES

Must complete Modules 1, 8, and 47.

INFORMATION

To operate the telephone equipment, you need to know what type of telephone your subscriber will be using. You need to know whether the telephone is 2-wire or 4-wire, and what kind of ringing signal it uses. Once you have obtained this information, you need to coordinate with your distant end to establish the ring tone signaling that you will use. Quite often you will find all of this information in your fragmentary orders. If it is not there, however, you will have to do a little coordinating on your own. Sometimes you will find that the subscriber has his/her own STU; so all you need to do is patch the appropriate wires to the radio. You also need to determine which wire pair(s) your telephone subscriber will be using.

Once you have obtained the required information, you can begin setting up your equipment. This is fairly well covered in the TO; so there's no need to repeat it here. Read para 3-123 thru 3-129 of the -12 TO and then proceed to the additional instructions.

ADDITIONAL INSTRUCTIONS

Answer the review questions and check your answers with the confirmation key. Review the material for any questions you missed. Next, ask your trainer for the KEP questions. After your trainer checks your answers and reviews the questions missed with you, go on to the performance procedures.

REVIEW QUESTIONS

1. What information do you need to know about your subscriber's telephone in order to operate the telephone equipment?
2. What information is needed from the distant end to operate the telephone equipment?
3. When operating a 4-wire telephone and ringing is desired, in which position should you place the Line Signaling switch on the STU?
4. Using the patch panel training aid or Figure 9 of the Diagrams booklet, describe the connections necessary to patch STU #1 to Radio 1 B1 sideband and to patch a 2-wire telephone on pair 1 of the audio signal cable.

PERFORMANCE PROCEDURES

Have your trainer demonstrate operation of the telephone equipment. Then practice operating the telephone equipment under the supervision of your trainer until you feel confident. Your trainer will annotate your training records when he/she feels you are proficient.