

Radio Communication Familiarization Exercises

I. BASIC RADIO WALKTHROUGH (15 minutes)

- Turn on
- Adjust volume
- Activate “roger beep”
- Set to FRS Ch 1
- Engage keypad lock
- Radio check: “Testing testing one, two, three!”
- Turn off.
- Open battery compartment
- Reassemble and confirm operation by turning on and off.

II. SIMPLE RADIO NET EXAMPLE (15 minutes)

For this exercise all students will power on their radios and “check in” to a simple resource net. The NCS role will be filled by the instructor. Student callsigns will be letters of the alphabet.

- NCS opens net
- Check in via role call by individual call sign
- Stations acknowledge, “Net Control, this is [call sign]. No traffic.”
- Announcements
- Check out and comments via roll call
- NCS closes net

III. NET CONTROL STATION PRACTICE (30 minutes)

Students will break into groups of four, assigned unique FRS-only channels. Students will form and name “local nets.” Rotate NCS among all students using assigned call signs. Use standard phonetics with the script below:

NET CONTROL STATION

This is the FRS Training Net. Stations will check-in via alphabetical roll call. Please stand by until called. Station A, please call now.

STATION A

Net Control, this is Station A, no traffic.

NET CONTROL STATION

Station A, no traffic acknowledged. Please stand by. Station B, please call now.

STATION B

Net Control, this is Station A, one message for Station C.

NET CONTROL STATION

Station B one for Station C acknowledged. Please stand by. Station C, please call now.

STATION C

Net Control, this is Station C, no traffic.

NET CONTROL STATION

Station C, no traffic acknowledge. Station C please call Station B, receive one message your station.

STATION C

Net Control acknowledged. Station B this is Station C, over.

STATION B

Station C this is Station B.

STATION C

Ready to copy one message [for] this station.

STATION B

Station C, roger. Message follows. SPRING BEGINS ON THURSDAY MARCH 20. End of message. No more.

STATION C

Roger message number 1. Thank you very much. Back to net.

NET CONTROL STATION

Thank you both. This is Net Control. As of [time] the FRS Training Net is closed. All stations are dismissed and may secure.

IV. NET LIAISON EXERCISE (45 minutes)

This exercise consists of three parts, using “local” and “area” net operations.

Part 1: Using the basic script from “Net Control Practice”, each local net designates an “Area Liaison Station.” Originate a message to a station in another net to be relayed by the Liaison Station.

Part 2: Appoint an NCS and form the “FRS AREA NET” for Liaison Stations only. Conduct roll call by Local Net name, “Representative from Hound Dog Net, call now”. Liaison Stations will identify as “Liaison from [local net name]” and announce all traffic. In turn, NCS will direct traffic to the appropriate Liaison Stations to be passed on the net.

Part 3: Activate the Local Nets and pass traffic received from the FRS Area Net as you have learned to do.