

Perimeter Team Procedure

RadioOps RDF Tracker • Version 1.2.0

v1.2.0 APPLICATION UPDATE

- This procedure is aligned with the RadioOps RDF Tracker v1.2.0 production release.
- Production map: <https://radioops.org>
- Confirm the assigned team identifier and team slot. Use the shared map for current bearings, team locations, and search-area information.
- Enter new bearings only for your own team. NCS maintains authoritative Live operation state and controls assignments.
- Verify that each new bearing appears on the shared map. Synchronization is normally approximately every 3 seconds.
- If connection-loss/resync appears, verify the current operation and map state before continuing.
- Save/Load is NCS map management. Loading a map replaces the current map state; it does not add saved bearings to the existing display.
- At completion, check out with NCS and stop adding observations to the closed operation.

Current Training Procedure

1. Perimeter Team Setup

●■ Have a working radio capable of operating on the designated frequency/repeater. ●■ A handheld radio may be used where repeater coverage is adequate. ●■ A mobile radio with up to 50W is preferred, particularly when simplex operation may be required. ●■ Verify the team's assigned identifier. ●■ Confirm the operating frequency/repeater. ●■ Confirm the team's starting location. ●■ Verify the mapping system. ●■ Have a map and compass available as backup. ●■ Confirm communications with NCS. ●■ Be ready to receive the assignment from NCS.

2. Receiving the Assignment

●■ Confirm the assignment. ●■ Confirm the target frequency. ●■ Confirm the area or location to be searched. ●■ Confirm the direction of travel or search area if provided. ●■ Ask for clarification if anything is unclear. ●■ Acknowledge the assignment and begin the search.

3. Bearing and Signal Tracking

●■ Use the mapping app at radioops.org. ●■ Monitor the target frequency. ●■ Take bearings as the signal is detected or changes. ●■ Enter each new bearing into the mapping app. ●■ Notify NCS when new mapping has been entered. ●■ Wait for NCS to respond. ●■ Follow NCS instructions or redirection.

4. Team Movement

●■ Follow the search area or direction assigned by NCS. ●■ Keep NCS informed when changing locations. ●■ Maintain communications with NCS. ●■ Use the mapping app to monitor the team's location and previous bearings. ●■ Be prepared to change direction or location when instructed by NCS.

5. Communications

●■ Monitor the operating frequency/repeater. ●■ Keep transmissions brief and clear. ●■ Identify the team when calling NCS. ●■ Wait for NCS to acknowledge before transmitting additional information. ●■ If communications are lost, follow the communications plan established during setup. ●■ Notify NCS if the team is unable to maintain reliable communications.

6. Closing the Assignment

●■ Confirm the operation is complete with NCS. ●■ Check out with NCS.