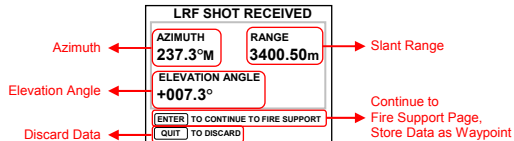


Vector 21B-DAGR System Setup Checklist

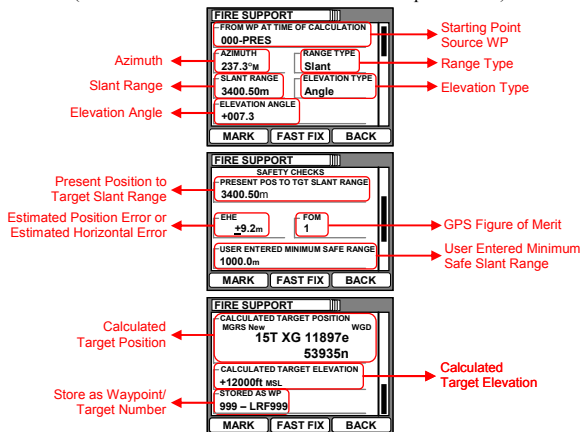
- 1. Prepare Vector 21B:**
 - a. Eyepiece Viewing Distance Adjustment, Eye-Base Adjustment, and Dioptic Adjustment
 - b. **CONFIGURATION ADJUSTMENTS:** *(Distance key 5x)*
 - **Electronic Pointing Circle: On**
 - **Night Vision Device: Off**
 - c. **SETTING ADJUSTMENTS:**
 - **Measurement Units: Operator's choice** *(Azimuth key 5x)*
 - **Range Gate: Operator's choice** *(Distance key 3x)*
 - **Declination: Set to "0" for DAGR** *(Azimuth key 3x)*
 - d. **Data Interface Mode: PLGR Con** *(Azimuth key 6x)*
 - e. **Attach DAGR Interface Cable/DAGR**
 - f. **Compensate Digital Magnetic Compass:** *(Azimuth key 4x)*
- 2. Pre-DAGR Setup:**
 - a. Install or check DAGR Primary and Memory Battery
 - b. Load Crypto Key
- 3. DAGR Setup:**
 - a. **MAIN MENU/System/Select function set**
 - **FUNCTION SET: Advanced**
 - b. **MAIN MENU/Receiver Setup/Power Saver**
 - **AUTO-OFF MODE/TIMER: Off**
 - **AUTO-STANDBY MODE: Off**
 - c. **MAIN MENU/Receiver Setup/GPS Setup**
 - **OPERATING MODE: Continuous**
 - **POWER ON OPERATING MODE: Continuous**
 - **FREQUENCY: L1 Primary**
 - **SV CODE: All-Y**
 - **ELEVATION HOLD: Auto**
 - d. **MAIN MENU/Communications/COM Port Setup**
 - **CONFIGURATION: Standard**
 - **LASER RANGE FINDER (LRF) TYPE: Other**
 - **COM Port: COM Port 1**
 - e. **MAIN MENU/Display Setup/UNITS**
 - **COORD/GRID: MGRS-New (or User Preference)**
 - **DATUM ID: WGD (WGS-84) (or User Preference)**
 - **POSITION ERROR: (User Preference)**
 - **ELEVATION: Meters (or User Preference)**
 - **ELEVATION REFERENCE: MSL (or User Preference)**
 - **RANGE: Metric (or User Preference)**
 - **ANGLE: Mils (or User Preference)**
 - **NORTH REFERENCE: Magnetic (or User Preference)**
 - **MAGVAR TYPE: Calculated – WMM**
 - **MAGVAR UNITS: Mils (or User Preference)**

4. DAGR Targeting Operations:

- a. After verifying acceptable FOM/Position Error, center Vector 21B reticle on target and perform Combined Measurement (Range and Azimuth together or use the remote fire switch).
- b. Upon receipt of "LRF SHOT RECEIVED" dialog, review/evaluate Azimuth, Range, and Elevation Angle and:
 - Press ENTER to continue to FIRE SUPPORT pages or Press QUIT to discard shot without creating a waypoint.



- c. Check all data in the SAFETY CHECKS fields and ensure that no field on Fire Support Pages are blinking between black and gray text (indicates that calculation is based on invalid position fix).



- d. To store the target location as a LRF Waypoint, highlight the STORED AS WP field, then push the MENU key. Highlight Store As WP, then push the ENTER key. DAGR highlights the first available unused waypoint or highlight the desired waypoint, then push the ENTER key. Edit Name, Remark, or Identity Type of waypoint if required (DAGR TM para. 8.2)



Press the MENU button twice to access the DAGR Main Menu