

M1A2 SEP FBCB2 STARTUP/SHUTDOWN PROCEDURES

Prepare EPLRS for operation. (EPLRS equipped tanks only)

1. Turn EPLRS to ON/Audible. EPLRS performs self-test. URO displays "URO OK."
2. Load COMSEC into EPLRS, if needed.
3. Ensure EPLRS radio is in NET.
4. Using URO handset, ensure RSID is correct.
5. Using URO handset, verify "@C" and or "@S."

Prepare SINCGARS for operation.

1. Set CB1 on VAA to ON and set SINCGARS function to LD.
2. Load COMSEC into SINCGARS with ANCD.
3. Set SINCGARS to SQUELCH ON.
4. Make sure data mode is set to PCKT (press data; press 7; scroll to PCKT).
5. Check Julian date on SINCGARS, if not correct, set to correct 2 digit Julian date. (Example: Day 303 is displayed as 03. Day 10 is displayed as 10.
6. Check time on SINCGARS. If required, set time to within + or – 2 seconds of ZULU time displayed on CFU.
7. Set SINCGARS power to HIGH.
8. Perform radio check and FREQ SYNC with platoon leader.

Turn on FBCB2.

1. Press VEH SYS mode pushbutton on CDU.
2. Press COMMO SYSTEM pushbutton on CDU to display COMMO system menu.
3. Press FBCB2 OFF/ON pushbutton on CDU.
4. After advisory message "FBCB2 Starting" is displayed, press RESET pushbutton on CDU.
5. After advisory message "FBCB2 Online" appears on screen, press RESET pushbutton on CDU.

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6. After advisory message "FBCB2 password required" appears on screen, press RESET pushbutton.

Note: If FBCB2 does not complete startup within 10 minutes, advisory message or if FBCB2 advisory message "FBCB2 NOT RESPONDING" or "FBCB2 Failure" is displayed, perform troubleshooting procedures IAW TM 9-2350-388-10-1.

7. Press return on CDU.

8. Press C3 on CDU.

9. After advisory message "FBCB2 ONLINE. PASSWORD REQUIRED" appears on screen, press RESET pushbutton on CDU.

10. Select Cancel Timeout on Login dialog box.

11. If COMM Startup dialog box and GPS Startup dialog box on FBCB2 screen is green, select Done on COMM Startup dialog box and Done on GPS Startup dialog box.

Note: FBCB2 may not communicate with other elements correctly if COMM Startup dialog box or GPS Startup dialog box indicate red. If either dialog box indicates red, perform troubleshooting procedures IAW TM 9-2350-388-10-1.

12. Select Ops on Session Manager Function Bar.

13. After Advisory message "FBCB2 password required" appears on screen, press RESET pushbutton.

14. Enter password using the keyboard.

15. Press F6 Admin, Platform Settings, Miscellaneous Tab and ensure SINCGARS frequency and EPLRS RSID is correct.

Shut Down FBCB2

CAUTION: Clicking the Destroy FBCB2 button will destroy the hard drive, do not select unless situation dictates.

1. Press Vehicle Systems pushbutton on CDU.

2. Press COMMO System pushbutton on CDU.

3. Press FBCB2 OFF/ON pushbutton on CDU.

4. After advisory message "FBCB2 is shutting down allow FBCB2 to shut down completely before shutting down tank" appears on screen, press the RESET pushbutton.

5. After advisory message "FBCB2 shutdown complete" appears on screen, press RESET pushbutton.

6. Press return on CDU.

7. It is now safe to turn off master power.

Note: Refer to TM 11-7010-326-10, TM 9-2350-388-10-1 for detailed information to operate FBCB2.

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