

Loudoun Amateur Radio Group

Regular Meeting Minutes August 17, 2024

Venue: Leesburg Lutheran Church

Meeting called to order at 8:35 AM.

- Pledge of allegiance.
- Henry K2BFY presented information about a lightweight logging program that he wrote. The log data is stored in the PostgreSQL database program. The user interface is generated using code written using the LibreOffice Base program. These packages are run under Linux in his implementation, but they are also available for Windows. Both packages provide a high-level development environment. The programs are linked under Linux using bash shell scripts. The total amount of code written for the implementation is about 400 lines.

Backup and restore of the log data is automatic when the program runs. Since the program is intended to be lightweight, there is no notification of duplicate records in the log. There is also no scoring and no warnings are generated. Data entry selections for band and mode are configured in CSV files. The program can generate Cabrillo or ADIF files that provide the log data for contesting submission.

The main program screen includes a WARP DRIVE button. Pressing the WARP DRIVE button opens a second window where the QSO data is entered. In the QSO entry screen there is an IMPULSE DRIVE button which closes the data entry window and returns control to the main screen.

Henry also provided biographical data about his extensive employment in the aerospace industry. Most notably, he worked on rocket motors for the Apollo and Gemini programs.

- Steve KS1G reported that the ARIS contract being coordinated with the Hillsboro Charter Academy is tentatively scheduled for December 9. Club members will have an opportunity to participate in making the event a success.
- Kevin WB4KBM reported that he recently purchased a TinySA spectrum analyzer. The analyzer indicates that a Retivas 2M/70cm HT he has generates a transmit signal that complies with the FCC regulations for harmonic generation.
- Dave KE4S reported that he has a Kenwood TH-D74A. He has questions about operation of the radio, particularly about the D-STAR and APRS operation.
- The Treasurer Tareck K9TRE reported that the club checking account balance is \$9688.87.
- The meeting adjourned at 9:35.

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- The next club meeting is scheduled for September 21.

- Attendance

W4PMP	Chris
WA4TXE	David
K4FWD	Frank
KS1G	Steve
KQ4MHT	Jim
N4PD	Paul
KM6VRX	Bryce
KQ4MAM	Megan
W3OCE	Bruce
KJ4BXA	Lloyd
K9TRE	Tareck
K4FW	Jim
K2BFY	Henry
KE4S	Dave
KT9N	Chris
WA4KBM	Kevin
N4FAF	Jim