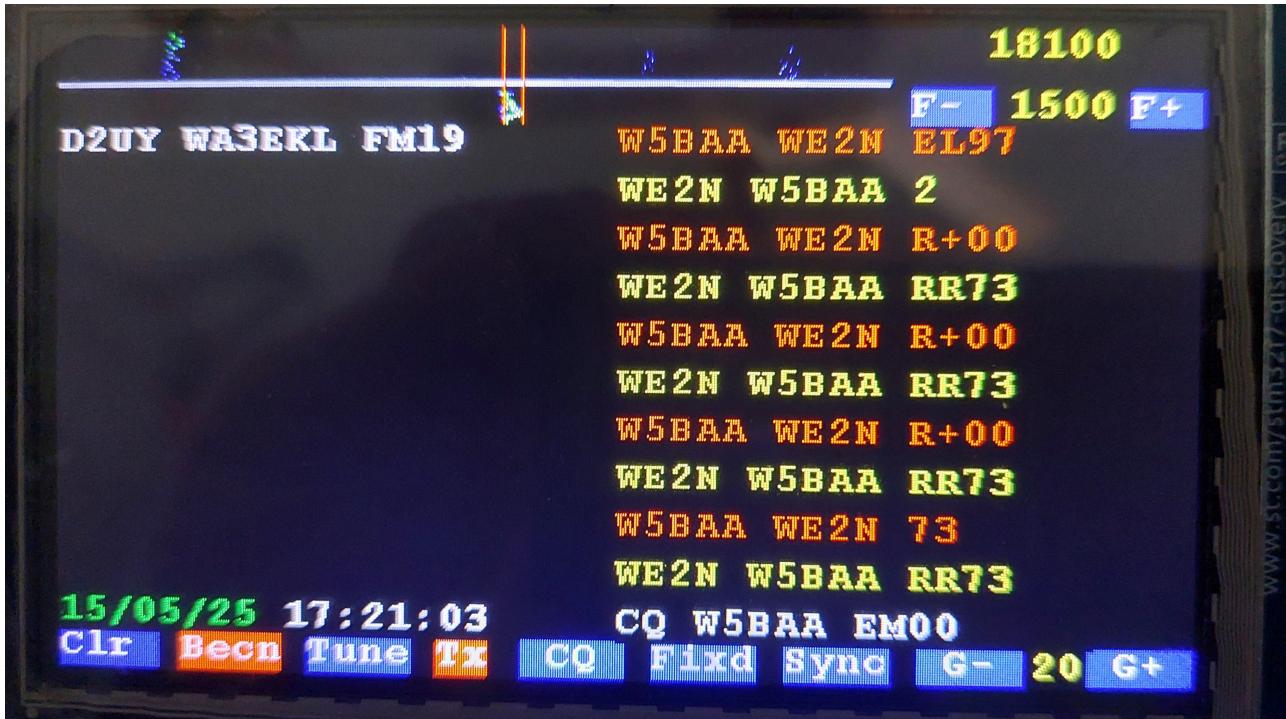


DX FT8 Project Firmware Version 1.9.5 Release Notes: 23rd May 2025



This release introduces a new configuration file format based on the .INI file format. The existing 'StationData.txt' format continues to be supported however the new format is recommended because it is much more tolerant of formatting errors. It should be named 'StationData.ini' placed in the root directory of the SDCard.

Delete the StationData.txt file to use the 'StationData.ini' file.

All new features will be enabled using StationData.ini file.

StationData.txt is now deprecated.

Leading and trailing spaces and comment lines are permitted. Comment lines start with ';' or '#'.

```
[Station]
Call=G8KIG
Locator=IO91
```

```
[FreeText]
1=Free text 1
2=Free text 2
```

```
[BandData]
40=7.174
30=10.136
20=14.174
17=18.201
15=21.174
```

12=24.925
10=28.174

There are three sections in the file; 'Station', 'FreeText' and 'BandData'.

Only the first section 'Station' is required.

The Call and Locator is configured in this Station section.

In the 'FreeText' section, up to two free text messages can be configured.

The final section 'BandData' introduces a new feature:

The frequency used by the transceiver for each band can be modified.

The 40M and 20M frequencies only apply to the 7-band transceiver.

e.g. the Japan domestic FT8 frequency on 40m is 7.041Mhz, so the 'BandData' section to configure this would be

```
[BandData]  
40=7.041
```

Bug fixes:

From Charley W5BAA:

- FT8 transmissions were being sent anything up to 1.0 seconds before other implementations, transmissions are now being sent around 0.2 seconds into the time slot.
- When an FT8 contact is made in Beacon Mode the contact is now not logged until either a 73 or RR73 message is received from the target station.