

NBEMS

Narrow Band Emergency Messaging Software

- Voice Messages Can Be Slow & Unreliable
- Long Lists of Data Are Difficult & Slow
- The World Is Used to the Email Format
- NBEMS Solves Many Problems
- Voice & Paper Notes Reduced
- Fills a Major Need for Emcomm
- Useful for Broadcasting (One to Many)

NBEMS - Programs

- FLdigi: Digital modem
- FLmsg: Forms manager
- FLwrap: Form encapsulation / compression
- FLarq: ARQ file transfer

<http://sf.net/projects/fldigi/files/>

NBEMS - FLDigi

FLdigi Digital Operation

- Works Well on SSB, FM
- Audio Spectrum Is Displayed
- Low Power Works Best
- The Sound card acts as the Modem

NBEMS – FLmsg / FLwrap

- Completely Automates Traffic Forms
- ARRL, ICS, Blank and Custom Forms
- Assistance in Creating Content
- Stores All Outgoing & Incoming Messages
- Reformats Received Messages
- Converts to HTML Forms and Prints
- Checksum Created and Errors Checked

NBEMS – Configuration

MT63 and Olivia:

Each mode has it's advantages and disadvantages.

➤ MT63:

- MT63 2k Long - Local FM Comms
- MT63 1k Long - Regional/Local HF Comms
- MT63 500hz Long - Regional/Local HF Comms

➤ Olivia:

- Olivia 8 Tone/500 Hz - Regional/Local HF Comms
- Olivia 16 Tone/500 Hz - Regional/Local HF Comms

Pros/Cons:

<http://groupspaces.com/BCARES/pages/fldigi-and-nbems>

NBEMS

Demo and Wrap-up

- Q & A
- What Do We Want to Do?
- More Show and Tell?

Google is your friend!