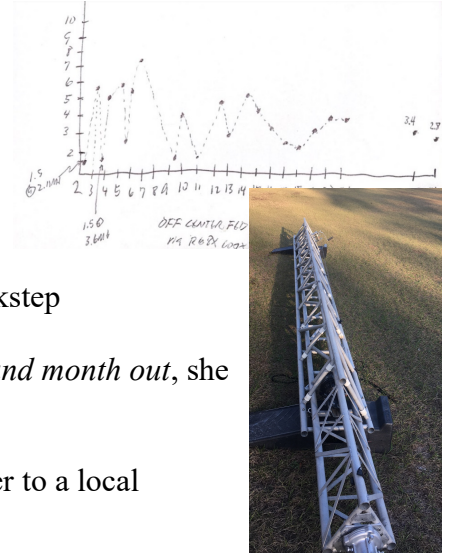


NFARC / ARES(R) 2023: A GOOD YEAR IN REVIEW

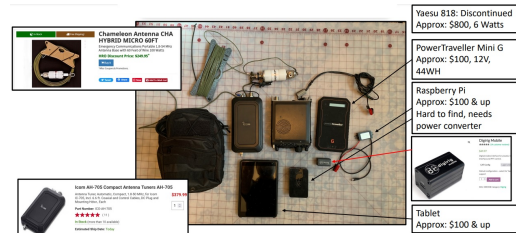


- **General Class Course @ EOC:** Jan 7/8 - Teachers *Gallup, Bledsoe, Gibby, McDow, Halbert*
- **VHF Data Signed ICS-214 Transfer Exercise - 16 Successes!**

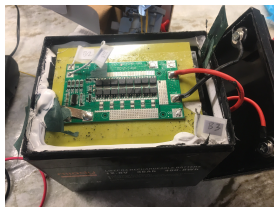


- **Massive HF Antenna Upgrade** - Improved all ropes, fixed grounds, installed 8 foot ground rod - Gallup, Pleace, Leland, Gibby (followed Susan's instructions & escaped redbugs!)
- New 4-position HF Antenna Switch for EOC Radios - David Huckstep
- School Ham Radio Display -- CW -- Lorilyn Roberts - *Month in and month out*, she faithfully mentors 3-4 7th graders!
- Welding Repair to our 35 foot AlumaTower - Gordon got the tower to a local welding shop who did a great job!
- **NEW WEB PAGE!!** -- Steve Panaghi! <https://www.nf4rc.club/>

- **New VHF RMS W4DFU-12** at UF Campus with improved Antenna - Steve Panaghi
- 9:1 Balun Experiments -- Gordon Gibby
- White Paper on ARES(R) **Service to Agencies** -- Leland Gallup (April NFL QST)
- Successful implementation of **Automatic Link Establishment (ALE)** at Alachua County EOC -- following instructions from Flagler -- good connect to State FDEM!



Visionary talk by Brett Wallace on deployable lightweight gear



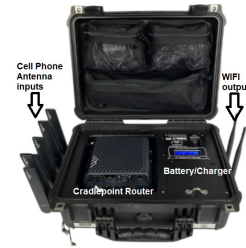
- LIFEPO4 BMS system Replacement - Gordon Gibby
- **All-Florida HSEEP "Service Denied" Exercise** - Planning by Susan Halbert - Apr 12



- Installation of Alachua County EOC HF equipment into Stewart's beautiful wood GO BOX - David Huckstep
- **LabNLunch** building 9:1 Baluns - lots of radio assets built!

- 2 New Alachua County Level II Graduates -- Jeff Capehart W4UFL / Susan Halbert KG4VWI --(Thanks, Leland Gallup for mentoring!)

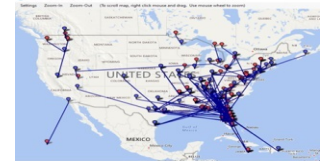
- Investigation of the Mobile BroadBand Kit - Wendell Wright, Leland Gallup, David Huckstep



- New Vinyl 9-foot BANNER for our group! - Utilized at Field Day

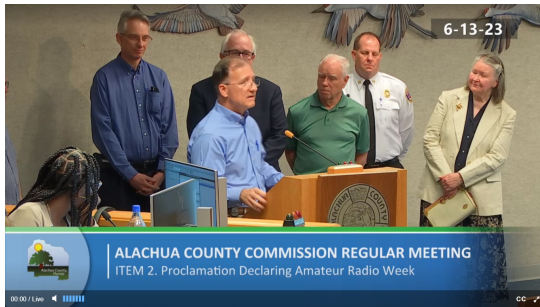


- Alachua County NVIS Emergency Exercise May 20 (*despite near X-Class events*) - written & executed by Reid Tillery K9RFT



- Development of GPS-based Time Servers -- Jim Bledsoe / Gordon Gibby -- worked GREAT in Field Day (Windows version problems likely due to bad computer)

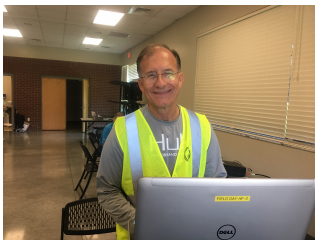
- NFL SET Exercise Participation -- 22 participants, 129 messages



- Alachua County Ham Radio Proclamation -- work by Jim Bledsoe!



- Alachua County FIELD DAY at EOC Alternate Site (Veterans Park) -- SEVEN HF antennas positioned, MARC unit service, 4 F systems including remote Trailer -- **FIRST in the nation 4F**, and **SECOND** in the nation for all EOC-associated entrants. Great success with bandpass filters; 1029 total contacts. AARIP: <https://www.nf4rc.club/historical-exercises/2023-field-day-aarip/>



Mr. FT8 Himself!

- Document: [Design Considerations for EOC Radio Installations:](#)

<https://qsl.net/nf4rc/2023/DesignConsiderationsExpanded.pdf> (Gordon Gibby)



GPS-based NTP Server

- Triplexer Tuning -- August 5 **LabNLunch**
- **Technician License Class August 19/20** - Teachers Rosemary, Leland, Eric, Gordon, Earl
- Four New Badged Volunteers: *Bob Lightner, Steve Panaghi, Craig White, Eric Pleace* -- **BIG ADVANCE** for our group & Alachua County EM to get new volunteers badged!





- Creation of our first **TOWER TRAILER** -- singlehanded work by **Stewart Reissner KK4DXF**

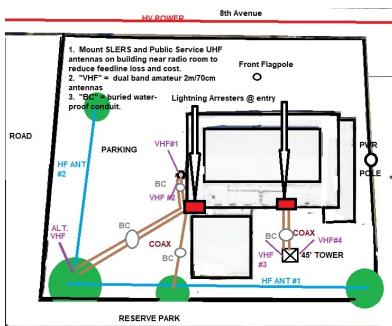
- Alachua County Hurricane Idalia Activation - 6 deployed volunteers, multiple additional helping and in reserve
<https://qsl.net/nf4rc/2023/AARIPHurricaneIdalia.pdf>

- Participation in Florida Baptist Training - Gordon Gibby August 25/26



- Documentation of SBitx2 Upgrades

and "issues" including reduction of IMD products - Gordon Gibby



- Development of 20Meter BANDPASS filter in VA6AM Triplexer - Gibby

- Homebrew Desktop Microphone - Gibby

- Alachua County New EOC Antenna Proposals:
<https://qsl.net/nf4rc/2023/AntennaProposal4.pdf>

- **LabNLunch** to build 14 Data Cables for Alachua County EOC GoBoxes -- huge success, switches later acquired by Jeff Capehart, cables by Earl McDow and awaiting INSTALLATION

- Development of the QUINTPLEXOR from the VA6AM Triplexor - Gibby (<https://arri-nfl.org/wp-content/uploads/2023/11/00-QST-NFL-November-2023.pdf> page 7)

- New Data Interface Asset for Yaesu 2nd HF Transceiver at Alachua County EOC - allows simultaneous data connections on two HF bands -- built by Gordon Gibby



- **LabNLunch POTA Training** -- Wendell Wright / Ron Lewis -- and Deployment!

- EFHW Ferrite Investigations - Gibby - proved our type 43 aren't the very best available for 10 meters....

- **Nov. 4 POTA Activation** -- MULTIPLE stations deployed



ALL YEAR LONG WEDNESDAY EOC RADIO STAFFING

Every Wednesday our crew activates radios and attempts check-ins to SHARES SE Regional and SHARES National nets using SHARES Callsigns and federal frequencies. The last week of the year we participate in Region 3/Region 5 Exercises written by Ryan Simpson of Flagler Emergency Management. We always invite ALL members to come by and learn how our systems work and what all are our CONSTRAINTS. The key members who keep this going include (among others): Leland Gallup, David Huckstep, Eric Pleace, Gordon Gibby, Dean Covey and others. Many thanks to them for their faithfulness and skill development!

BADGED VOLUNTEERS: People up for serving their community in sensitive tasks!
(in no particular order as the list grows and adjusts)

Jeff Capehart (24 hr)
Gordon Gibby (24 hr)
Leland Gallup (24 hr)
David Huckstep (24hr)
Wendell Wright
Earl McDow
Susan Halbert
Earl Sloan
Judith Jones
Randy Carter
Vann Chesney
Amy Woods
Lorilyn Roberts
Reid Tillery
Dean Covey
Bob Lightner
Steve Panaghi
Craig White
Eric Pleace (24 hr)
Larry Rovak
Andy Hunn
Ralph Boal
Alan West

Brett Wallace (24 hr)
John Troupe (<i>retired</i>)
Jim Bledsoe (employee)
Robert Swain (employee)
Kevin Rulapaugh (employee)