

2025 NFL Section Simulated Emergency Test

- Alachua County Involvement

Current Known Participants

- **Deployed:** Gordon, Brett, Manish, Jeff,
- **At Home:** Craig W., Ron, Vann, Rosemary, Mike H., Earl M., Earl S.
- **Unavailable** (gone, etc) Dave H., Anders,
- **Sign up Form:** see our WEB PAGE where it is easy to find.

Documents

- State Exercise Plan: 2025 CYBERSTORM
- <https://www.nf4rc.club/wp-content/uploads/2025/03/2025-Cyberstorm.pdf>
- Local Exercise Incident Action Plan:
<https://www.nf4rc.club/wp-content/uploads/2025/03/SETIA P-4.pdf>
- Local Frequencies: Contained within local Incident Action Plan

State Objectives

- 1. Ability to **activate communication resources without traditional methods such as phone, text, or email**
- 2. Ability to **communicate with state and other agency Departments of Emergency Management using only amateur or SHARES radio**
- 3. Ability to send **structured messages** by one or more techniques
 - a. Ability to correctly utilize ICS forms for official messaging
 - b. Ability to provide health and welfare messaging to public
- 4. Ability to **gather and transmit situational utility reports** from both agencies and individuals
- 5. Ability to **withstand loss of commercial electricity**
- 6. **Interoperability**
- 7. Ability to **withstand damages to radio assets such as antennas**

How many groups are involved?

- Ex Plan 1.000 – Up to date as of Feb 1 2025
- Florida Div os Em Mgt
- ARES Teams (no indication of which)
- Municipality Emergency Management (which cities?)
- Traffic Nets (no knowled of which, schedules, activations?)
- So expect more details later....

Fits Local Missions

- TWO Major Missions assigned to our volunteer backup group by the Emergency Manager:
- **Maintain backup communications capability to the State**
- **Maintain backup communications capability to deployed locations (e.g. Shelters)**
- In addition to the assigned Missions, we have worked to develop communications to scattered volunteers working from home during disasters.

How We Do State Comm Mission

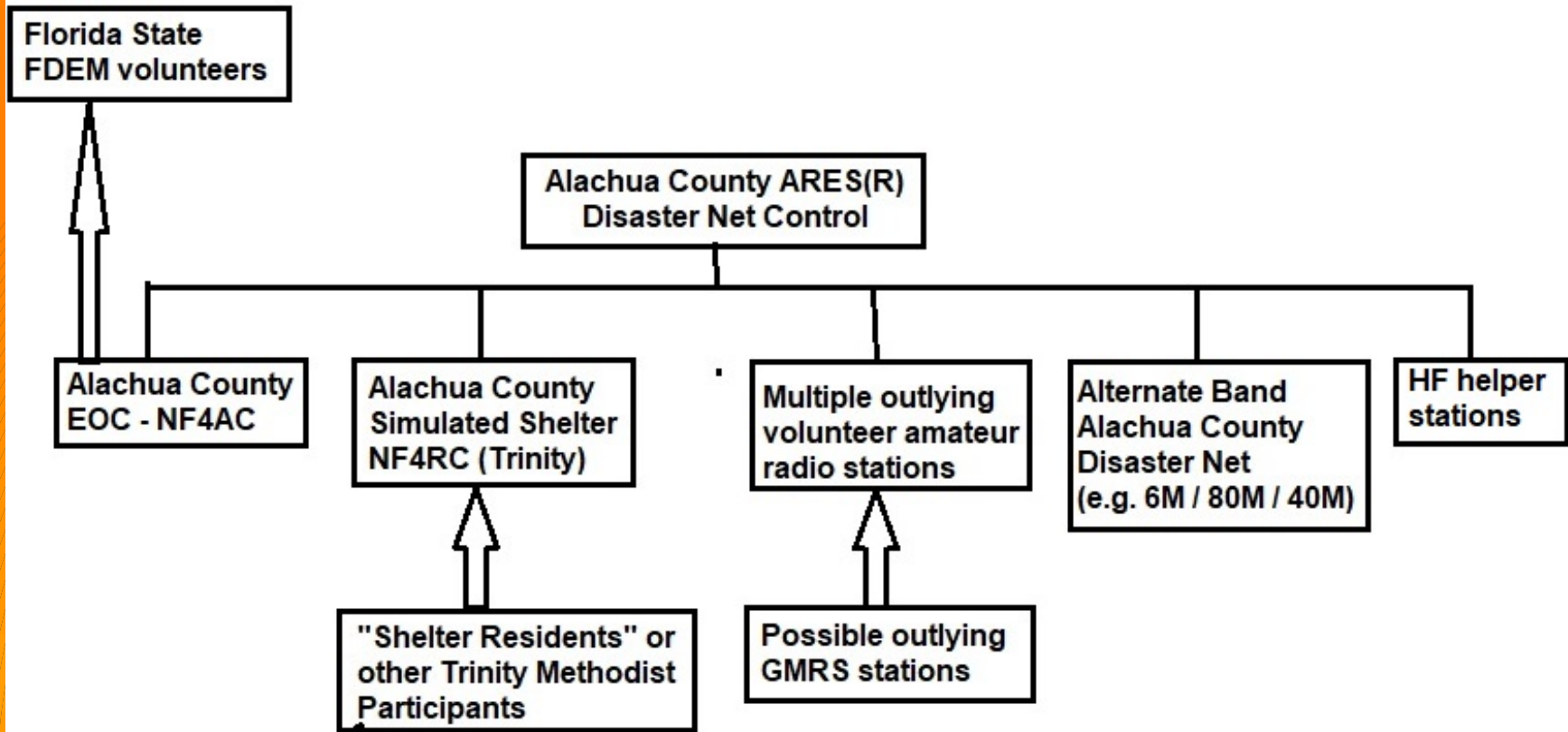
- HF voice communications via amateur radio voice nets (frequently experiencing malign interference)
- HF data communications via WINLINK ham email...crosses over to the state SHARES at the Central Message Service Level (depends on internet)
- VHF voice communications via SARNET (recently repaired)
- HF voice communications via SHARES nets
- HF data communications DIRECT to State EOC via SHARES WINLINK (no Internet needed at all – DIRECT)

How We Do

Local Comms Mission

- Voice communications net on any of listed ICS-205 frequencies (primary, secondary, tertiary and so on)
- Continuous peer-to-peer reception of WINLINK email or messages direct to EOC on VARA 144.990 MHz. (Does not consume a set of “ears”)
- Assistance from HF stations where needed to bridge HF / VHF nets.

Communications



2025 CyberStorm TIMELINE

- SATURDAY MORNING – set up Booth (“Shelter”) at GARS Tailgate, staffed for Shelter / Net Control
- SATURDAY MORNING – Staff the EOC for disaster
- 0900 EOC check into Statewide Emergency Net
- 0905 Initiate volunteer notification using NO PHONE/INTERNET
 - 1st/2nd/3rd Repeater Callups
 - Winlink Radio-Only message to badged members
 - Courier notification to known locations

continued

- 0915: Open State **Inject #1** at EOC and carry out instructions / degradations whatever..
- 0920: Verify communications with Satellite Locations
 - Verify comms to Deployed Shelter
 - Verify comms to local VHF Net Control
 - Begin accepting peer-to-peer Winlink Field Situation Reports @ 144.990 via direct or digipeater (as long as functional)

Winlink Field Situation Report

Winlink Express 1.7.21.3 - KX4Z

KX4Z Add Callsign Settings Message Attachments Move To: Saved Items Delete Open Session: Vara HF Winlink Logs Help

No active session...

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (223 unread)	2024/11/20 16:12	8Z3QP2S18WQ0	406	NF4AC	NF4AC	W4JIR...	Test message from Alachua Co EOC 11/20/24
Read Items (0)	2024/07/08 23:37	P72GEDEGZUA4	8365	KD8TTE	QSP	N8ADO...	//WL2K R/ QSP v4n28
Outbox (0)	2024/07/03 15:59	TEVX7B70EJSM					
Sent Items (97)	2024/07/03 15:45	AH6K62HIL6FB					
Saved Items (2)	2024/07/02 0...	4UZWWYK4Q...					
Deleted Items (2)	2024/06/25 0...	HHHODQVB5...					
Drafts (2)	2024/06/18 0...	IQ0K845SYLTV					
Personal Folders	2024/05/14 00:04	ZUZLUXEOLIWJ					
FieldDay2018 (0)	2024/05/08 1...	HV2I7HWPFN...					
Gordon (0)	2024/05/06 23:57	FG2LPPZQ7SLQ					
Hurricane Test (0)	2024/02/14 16:31	PSU9Z14HL00T					
Global Folders	2024/02/13 0...	FHLMNIGQLV...					
	2024/02/06 02:39	2G3CRIIMLGSR					
	2024/02/06 0...	DHEUATJAX7...					
	2024/01/30 1...	3T3GD25FPKFI					
	2024/01/28 1...	BNUQMEFOK...					
	2024/01/27 1...	MRQTQMZW...					
	2023/11/07 0...	3CUTGFUFM...					
	2023/10/31 0...	75EOHYMZZ...					
	2023/10/07 1...	LAXJYB0FZJJS					
	2023/09/01 23:58	A5TF8X5N068Y					
	2023/08/30 15:42	5K84LC4690UV					
	2023/08/29 1...	CIEREU49RH...					

Enter a new message

Post to Outbox Select T

From: KX4Z

To:

Cc:

Subject:

Attach:

Template Manager

Select Close Add Remove Edit

- Standard Templates (version 1.1.8.0)
- ARC Forms
- CA State Forms
- Canadian Forms
- FEMA Forms
- FMRE Forms
- General Forms
- General Medical Forms
- HI State forms
- HICS Forms
- IARU Forms
- ICS USA Forms
- LA State forms
- Mapping-GIS forms
- Blood Availability.txt
- Catalog Map Capable Downloads.txt
- Field Situation Report.txt
- Hawaii Siren Report.txt
- HICS 201 Facility Status Report.txt
- Hospital Bed Report.txt
- Hospital Status.txt
- Humanitarian Needs Identification Form.txt
- Hurricane Report.txt
- ICS 212 General Message.txt

Set Defaults

Easiest to receive as Winlink Form

- TO: NF4AC Alachua County EOC radio station
- LISTEN before you start transmitting on 144.990 – only one station at a time!! Otherwise you can QRM an ongoing transmission
- NF4RC-7 digipeater normally available
- Sending in reports requested this way because does not require continuous human attention!!! Very important in a busy disaster response.
- **ADD “THIS IS A TEST” TO ADDNL COMMENTS ITEM 12.**
- If you have REAL emergency, notify via Command Net but DIAL 911 IMMEDIATELY.

Voice Alternate

- You can send the **same structured information** via a voice message via the local VHF net –
- **Just means someone need to enter it manually into a data system (e.g. WINLINK) and retransmit for you**
 - **Not quite sure who will be able to spin up and do this for you but hopefully volunteers will show up**
- Speed it up by just giving “line number and response” – no need for fancy Radiogram/etc.\
- **ADD “THIS IS A TEST” IN ADDNL COMMENTS (LINE 12)**
- Ask for it to go to NF4AC – the Alachua County EOC radio station

Example Voice

EXPLANATION (Do Not Transmit)	HEADER (please transmit)	DATA (Please transmit)	COMMENT (Do Not Transmit)
	Precedence	(Routine, Priority, Immediate, Flash)	
	Date & Time		Please indicate "local" or "UTC"
	Task		(may indicate "none" or "blank")
	FROM		Your name, callsign
	TO		e.g. "Alachua County EOC"
	INFO:		persons copied on this information
Emergent / Life Safety Need	1		YES or NO
City, County, State (Territory)	2		Provide city, county, state
Latitude / Longitude	3		consider providing your GRID-SQUARE if you do not know your LAT/LON
POTS landlines functioning?	4A		YES, NO, or Unknown
VOIP landlines functioning	4B		YES, NO or Unknown
Cell phone voice calls functioning?	5A		YES, NO, or Unknown

Copy of Form?

- The ENTIRE VOICE FORM is given on pages 10 / 11 of the Incident Action Plan
- Print it out beforehand!!!
- Finding our IAP on our website is pretty simple – front page post about it – but the direct link is:
- <https://www.nf4rc.club/wp-content/uploads/2025/03/SETIAP-4.pdf>

HEALTH & WELFARE

- Shelter volunteers collecting SIMULATED DISASTER OUTGOING COMMUNICATIONS
 - At GARS Tailgate.
 - **Should print out H&W form beforehand** (p 12 of IAP)
- Notifying loved ones outside of disaster area of your health and welfare “Hi Mom we are safe in a shelter X Talk to you soon”
- Collect on special forms that explain volunteer messaging
- Send out either WINLINK direct, WINLINK RRI or deliver to an NTS-connected NET
- **ADD “THIS IS A TEST”**

Local H&W

[Read Help and Instructions!](#)

Load Welfare Radiogram Data

Number	Precedence	Handling Instructions	Station Of Origin	Check	Place of Origin	Time	Date
1	W TEST W	NONE	KX4Z Change if not you.	0	ex: SEATTLE WA Location where this message was created	Optional UTC default unless otherwise noted	AUG 14

TO:

Name:

Address:

City / Town:

State or Province:

[2 Letter Codes](#)

Zip:

Country:

Phone:

Extension:

E-mail:

Op Note for Message Delivery:

MESSAGE TEXT Check: [Click here to insert short prepared messages.](#)

SUGGESTION IS NO MORE THAN 25 GROUPS (WORDS)

[Click here to preview for accuracy BEFORE you SUBMIT](#)

Signature (name) of person for whom message originated:

>>> [NOW CLICK HERE and select a Liaison Station.](#) <<<

Contact KB1TCE about this form: Ver 2.5

Timeline, cont'd

- 0930 – Expect statewide activation of COMMAND, RESOURCE and TRAFFIC NETS
- 0935 – EOC opens **INJECT #02**
- 0945 – EOC opens **INJECT #03**
- **CONCURRENTLY – LOCAL INJECTS for Alachua County likely to be announced by Exercise Controller (G. Gibby unless someone else game to go!)**

Timeline con'td

- 1000 – Expect radio-announced **Statewide INJECT**
- 1000 – EOC open **INJECT #04**
- 1015 – EOC open **INJECT #05**
- 1030 – Expect formal request for FIELD SITUATION REPORTS from any monitoring amateur radio station (if not already sent in) You may send in multiple reports to NF4AC via DATA
- 1045 – EOC open **INJECT #06**

Timeline, cont'd

- 1100 **Information bulletin ALPHA** disseminated via SHARES statewide net – obtain either directly or via relay from other stations.
 - Likely will share with local community via our VHF Command Net
- 1115 - EOC make contact with local MARC unit resources (unclear HOW)

Timeline, cont'd

- 1200 – END OF EXERCISE
- 1200 – Beginning of HOTWASH
 - Link TBA

Comments?
Questions?