

# MONTHLY EMERGENCY OPERATIONS CENTERS COMMUNICATIONS DRILL



## Participants:

Florida Division of Emergency Management  
Flagler County Emergency Management  
Marion County Sheriff, Emergency Management  
St. Johns County Emergency Management  
Volusia County Emergency Management

**SEPTEMBER 13, 2021**  
**VERSION 2.0**

## I. Overview

- A. Participating county Emergency Operations Centers (EOC) in coordination with the Florida Division of Emergency Management (FDEM) will test multiple modes of communications equipment on the last Wednesday of each month in accordance with the schedule found in Annex A.
- B. The purpose of this drill is to ensure the operability of equipment, train and familiarize full-time staff and volunteers, and promote emergency preparedness.
- C. The primary modes of communications to be exercised include:
  - (1) **SHARES**: The SHARed RESources (SHARES) High Frequency (HF) Radio program provides an additional means for users with a national security and emergency preparedness mission to communicate when landline and cellular communications are unavailable. SHARES members use existing HF radio resources to coordinate and transmit messages needed to perform critical functions, including those areas related to leadership, safety, maintenance of law and order, finance, and public health. SHARES is administered by the Department of Homeland Security, Cyber and Infrastructure Security Agency
    - (a) Voice
    - (b) MT-63 Digital: MT63 is a digital radio modulation mode for transmission in high-noise situations. MT63 is designed for keyboard-to-keyboard conversation modes, on HF amateur radio bands. MT63 distributes the encoding of each character over a long time period, and over several tones.
  - (2) **Amateur Radio High Frequency (HF)**
  - (3) **WINLINK** (SHARES or Amateur): WINLINK is a worldwide radio messaging system that uses amateur-band radio frequencies and government frequencies (SHARES) to provide radio interconnection services that include email with attachments, position reporting, weather bulletins, emergency and relief communications, and message relay
  - (4) **Email** (internet based)
  - (5) **Amateur Radio Repeaters** (VHF and UHF)
  - (6) **Iridium Satellite Phone**

(7) **State Law Enforcement Radio System (SLERS):** Florida's Statewide Law Enforcement Radio System (SLERS) is a single, unified digital radio network that meets the radio voice communications needs of state law enforcement officers and other participating agencies throughout the state.

(8) **Florida SARNET:** The Statewide Amateur Radio Network (SARnet) is a network of linked UHF voice repeaters that serves the State of Florida. The repeaters are operated by their local trustees. During a significant emergency event, SARnet may be called upon for support, through an official state emergency request, and radio traffic in and out of an affected area may become heavy. Under such a scenario, It is hoped that all of the local repeater trustees in the affected area will agree to let their repeaters continue to be used as part of SARnet. During such an emergency, if a controlled net is called, it will be by hams working with the county and state EOCs, not SARnet personnel.

D. County EOCs will exercise the equipment, modes and personnel based on existing assets.

E. The Florida Division of Emergency Management (FDEM) will assist in the communications drill by sending/receiving messages in accordance with the schedule in Annex A.

## II. Communication Mode Coordinating Instructions

A. SHARES: Licensed stations are individually expected to participate in the National and Regional SHARES net prior to the combined communications drill.

B. WINLINK: Licensed stations are expected to transmit a WINLINK email message to each participating EOC via amateur or SHARES at the designated time in Annex A.

(1) Each message should request that the receiving station acknowledge receipt.

(2) Receiving stations are expected to acknowledge receipt of the message

(3) Message Content:

(a) SUBJECT: Monthly Communications Test Message

(b) Content: This is a test message from (Name of County). POC is (Name, Phone Number). Please acknowledge. End of message.

C. Amateur Repeater:

- (1) Regional Repeater 1 (146.745): At the designated time Flagler EOC will open the net with participants from St. Johns, Volusia, and Putnam (future). At the conclusion of the net, Flagler EOC will announce that participants are requested to change to Regional Repeater 2 designated frequency.
  - (a) RX: 146.745
  - (b) TX: 146.145
  - (c) PL: 123.0
  - (d) KG4IDD (used with permission)
  
- (2) Regional Repeater 2 (146.865): At the designated time St Johns EOC will open the net with participants from Flagler, Marion, and Putnam (Future). At the conclusion of this net, EOCs will move to SHARES and Amateur HF communications with FDEM.
  - (a) RX: 146.865
  - (b) TX: 146.265
  - (c) PL: 127.3
  - (d) N4GOA: (permission pending)
  
- (3) Regional Repeater 2 (alternate) (147.345): In the event that the Regional Repeater 2 is unavailable, St Johns EOC will utilize the Alternate 2 repeater to conduct the net.
  - (a) RX: 147.345
  - (b) TX: 147.945
  - (c) PL: 127.3
  - (d) XXXXXX (permission pending)

#### D. SHARES and Amateur HF

- (1) SHARES licensed stations will attempt to contact FDEM at the designated time utilizing the frequency assignment SAFO and alternatively SBAO. Note: frequencies are For Official Use Only and are not publicized in this document.
  
- (2) Amateur HF stations will attempt to contact FDEM at the designated time utilizing the below frequencies.
  - (a) 14.153
  - (b) 14.181
  - (c) 3.910
  - (d) 3.939
  
- (3) If designated frequencies are in use at the scheduled drill time, alternate frequencies will be provided to participants via the conference line and email.

- E. FDEM and EOCs with SLERS capability will utilize Push-to-Talk FDEM Region 3 Talk Group for the drill. Flagler County will lead the call down of all Participating Counties.
- F. EOCs within the reach of a Florida SARNET repeater will individually participate in the net at 1300 hours.
- G. Simplex: Future simplex communications drills will be announced.

III. Drill Administration Coordination

- A. Flagler County EOC will establish a conference landline from 1215-1300 to assist in coordinating the drill. Phone Number: 386-586-2153
- B. Drill Results: Participating EOCs are encouraged to share drill results (via emails found in Annex C) with participants and make recommendations for future drill improvement.
- C. In the event of severe weather or other emergency, the radio drill may be postponed until the following month.
- D. EOCs with Near Vertical Incident Skywave (NVIS) antenna capabilities that wish to assess the ability to conduct EOC to EOC HF via SHARES or Amateur should email participants at least one week before the scheduled drill to coordinate.

IV. Corrections/Edits: Requests for updates, corrections and edits to this document should be sent to: Flagler County EOC, Attn: SUPCOM Program Coordinator, Email: [eocradio.flager@outlook.com](mailto:eocradio.flager@outlook.com)

ANNEX A: Monthly Communications Drill Schedule

Time	Activity	Notes
1100-1215	SHARES Regional and National Net	EOCs participate on their own
1215	Flagler County opens conference coordination line	<a href="https://us02web.zoom.us/j/85193901237">https://us02web.zoom.us/j/85193901237</a> Meeting ID: 851 9390 1237 Passcode: 462886 One tap mobile +13017158592,,85193901237#,,,,*462886# US
1215-1230	EOCs transmit and acknowledge WINLINK message  EOCs transmit and acknowledge internet-based email	SHARES or Amateur HF
1230-1240	Amateur Repeater Net	Regional Repeater 1: Flagler NCS (1) RX: 146.745 (2) TX: 146.145 (3) PL: 123.0 (4) KG4IDD (5) FLG, SJ, VOL, PUT  Regional Repeater 2: St Johns NCS (1) RX: 146.865 (2) TX: 146.265 (3) PL: 127.2 (4) N4GOA (5) SJ, FL, PUT, MAR
1230-1235	SLERS Radio Check with participating counties and FDEM	Talk Group: Push-to-Talk FDEM Region 3
1235-1240	Iridium Phone Check with participating counties and FDEM	Flagler Co will initiate
1240-1245	SHARES HF Voice with FDEM	SAFO, SBAO  Note: If designated frequency is in use, an alternate will be announced via the conference coordination line and internet email.
1245-1255	Amateur HF Voice with FDEM and/or between EOCs with NVIS	(1) 14.153 (2) 14.181 (3) 3.910 (4) 3.939

ANNEX A: Monthly Communications Drill Schedule

		Note: If designated frequency is in use, an alternate will be announced via the conference coordination line and internet email.
1300	Florida SARNET	EOCs within range of repeater(s) participate on their own

## Annex B: Participant Contact Information

### Flagler County

**POC: Ryan Simpson ALT: Jim Grove**

- (1) Radio Room Phone: 386-313-XXXX
- (2) Email Address: [EOCRadio.Flagler@outlook.com](mailto:EOCRadio.Flagler@outlook.com)
- (3) SHARES WINLINK Email Address: [NNA4FC@WINLINK.org](mailto:NNA4FC@WINLINK.org)
- (4) Amateur WINLINK Email Address: Future (station license upgrade)
- (5) SHARES Station Call Sign: NNA4FC
- (6) Amateur Station Call Sign: KF4EMV
- (7) Satellite Phone Number: 1-480-752-1266 (US) 881632419229 (Int'l)

### St. Johns County

**POC:**

- (1) Radio Room Phone: (904) 209-6468
- (2) Email Address: [kx4eoc@gmail.com](mailto:kx4eoc@gmail.com)
- (3) SHARES WINLINK Email Address: N/A
- (4) Amateur WINLINK Email Address: [kx4eoc@winlink.org](mailto:kx4eoc@winlink.org)
- (5) SHARES Station Call Sign: N/A
- (6) Amateur Station Call Sign: KX4EOC
- (7) Satellite Phone Number: 480-377-5352

### Volusia County

**POC:**

- (1) Radio Room Phone: 386-254-1500 x 11298, 11388
- (2) Email Address:
- (3) SHARES WINLINK Email Address: [NNA4VC@winlink.org](mailto:NNA4VC@winlink.org)
- (4) Amateur WINLINK Email Address: [KV4EOC@winlink.org](mailto:KV4EOC@winlink.org)
- (5) SHARES Station Call Sign: NNA4VC



## Annex B: Participant Contact Information

(6) Amateur Station Call Sign: KV4EOC

(7) Satellite Phone Number:

### **Putnam County (Future participant)**

#### **POC:**

(1) Radio Room Phone:

(2) Email Address:

(3) SHARES WINLINK Email Address:

(4) Amateur WINLINK Email Address:

(5) SHARES Station Call Sign:

(6) Amateur Station Call Sign:

(7) Satellite Phone Number:

### **Marion County**

#### **POC: Chris Kremp ALT: Leon Jurczynszyn**

(1) Radio Room Phone: 352-369-8194 ALT: 352-502-5822

(2) Email Address: [kg4nxo@marionso.com](mailto:kg4nxo@marionso.com); [cjkemp@marionso.com](mailto:cjkemp@marionso.com)

(3) SHARES WINLINK Email Address: NA

(4) Amateur WINLINK Email Address: [KG4NXO@winlink.org](mailto:KG4NXO@winlink.org)

(5) SHARES Station Call Sign: NA

(6) Amateur Station Call Sign: KG4NXO

(7) Satellite Phone Number: **1.1-480-456-7014 2.1-480-377-5678 3.1-480-675-6212 4.1-480-675-6327**

## Annex B: Participant Contact Information

### **FDEM**

#### **POC: Benjamin Bass**

(1) Radio Room Phone: 850-815-4001

(2) Email Address: [Benjamin.bass@3m.myflorida.com](mailto:Benjamin.bass@3m.myflorida.com); [demtelcom@em.myflorida.com](mailto:demtelcom@em.myflorida.com)

(3) SHARES WINLINK Email Address: NNA4FL@winlink.org

(4) Amateur WINLINK Email Address:

(5) SHARES Station Call Sign: NNA4FL DATA / WGY974 Voice

(6) Amateur Station Call Sign: KA4EOC

(7) Satellite Phone Number: 1-480-263-8838; 888-263-8838

Annex C: Monthly EOC Radio Drill After Actions Format

County	
POC Completing Report Name:	
Email Address:	
Phone Number:	

**RESULTS**

Mode	GO	NO GO	NA	Comments
SHARES Regional				
SHARES National				
SHARES MT-63				
WINLINK				Transmit Mode: Acknowledgements from:
Internet Email				Acknowledgements from:
Amateur Repeater Net: FREQ 1				St Johns: GO/NO GO Volusia: GO/NO GO Putnam: GO/NO GO Flagler: GO/NO GO
Amateur Repeater Net: FREQ 2				St Johns: GO/ NO GO Putnam: GO/ NO GO Flagler: GO/NO GO Marion: GO/ NO GO
SHARES HF with FDEM				FDEM: GO/NO GO Relay Required: YES/NO Other stations heard:
Amateur HF with FDEM				FDEM: GO/NO GO Relay Required: YES/NO Other stations heard:
Florida SARNET				

**COMMENTS/RECOMMENDATIONS**

## Annex D: Amateur Repeater Net Sample Script (Flagler County Example)

This is (FIRST NAME) for the Flagler County FL Emergency Operations Center KF4EMV and I will be conducting this month's EOC Communications Net on the 146.745 KG4IDD repeater. Is there any station with priority or emergency traffic? DROP

I am requesting that all listening stations standby for the duration of the net.

I will now begin calling each station's listed callsign. Each station is requested to acknowledge and provide a signal report. DROP

KX4EOC (ST JOHNS) this is Flagler County EOC KF4EMV.

KV4EOC (VOLUSIA) this is Flagler County EOC KF4EMV.

XXXXXX (PUTNAM) this is Flagler County EOC KF4EMV.

Repeat if nothing heard or otherwise acknowledge response. If no response state "nothing heard" and move to next station.

At the conclusion of the roll call state:

This is KF4EMV and this concludes the monthly EOC Net on the 146.745 KG4IDD repeater. I am now returning the repeater to normal amateur radio use. This is KF4EMV and I am QSY to XXX.XXX for the St. Johns EOC Communications Net.

## Annex E: Iridium Put to Talk Sample Script

This is (NAME) with the Flagler County Emergency Management and I will be conducting this month's EOC communications testing on the R3 Talk Group

I am requesting that all units standby for the duration of the test.

I will begin the test starting with a rollcall of participating counties. Following your check-in, Flagler request that you please:

1-Identify your Iridium Number and your name

2-Provide a signal report. Indicate if Flagler is transmitting loud and clear

Flagler County will begin rollcall now

- FLAGLER COUNTY CALLING MARION COUNTY
- FLAGLER COUNTY CALLING ST. JOHNS COUNTY
- FLAGLER COUNTY CALLING VOLUSIA COUNTY
- FLAGLER COUNTY CALLING PUTNAM COUNTY
- FLAGLER COUNTY CALLING SWO
- FLAGLER COUNTY CALLING SKYBASE COMMUNICATIONS

(Continue with all participating counties)

This concludes Flagler County's monthly communications test on the R3 Iridium Network.

Thank you and have a nice day. Flagler County clear.