

2020 Hot & Cold Exercise

Exercise Plan ***for MARCH 1, 2020***

The Exercise Plan (ExPlan) gives elected and appointed officials, observers, media personnel, and players from participating organizations information they need to observe or participate in the exercise. Some exercise material is intended for the exclusive use of exercise planners, controllers, and evaluators, but players may view other materials that are necessary to their performance. All exercise participants may view the ExPlan.

Version: 1.0 Feb 13, 2020 Gordon L. Gibby MD 325 246 6183

Version: 1.1 Feb 26, 2020 -- corrected driving directions to Location #3

EXERCISE OVERVIEW

Exercise Name	2020 Hot & Cold Exercise
Exercise Dates	Sunday March 1 2020
Scope	This exercise is a deployment, full scale exercise, planned for 3 hours throughout multiple locations in Alachua County. Exercise play is limited to volunteers participating in the 2020 Florida Amateur Radio Emergency Communications Conference, and additional interested amateur radio volunteers throughout America.
Mission Area(s)	RESPONSE
Core Capabilities	MASS CARE SERVICES OPERATIONAL COMMUNICATIONS

Exercise Name	2020 Hot & Cold Exercise
Objectives	<ul style="list-style-type: none"> 1.1 Deployment 1.2 Join Command Net 1.3 Alternative Antennas 1.4 Emergency Power 1.5 Alternative Emergency Power 1.6. Voice Net 1.7 Winlink connection 1.8 Winlink Assessment 1.9. ICS Chain of Command 1.10 ICS-309 Documentation Team 1.11 ICS-214 Documentation, Team 1.12 ICS-214 Documentation, Individual 1.13 Net Control Procedures, Assumption of Command 1.14 Net Control Procedures, Vigilance 1.15 Net Control Procures Recordkeeping 1.16. Radiogram Construction 1.17 Voice Radiogram Transmission 1.18 WINLINK text emails 1.19 Winlink Forms 2.1 FLBDR Initiation Speed 2.2 FLBDR Parallel Effort 2.3 HF Distant Voice net 2.4 Winlink Up link 2.5 Speed of Winlink Up link 2.6. Voice Radiogram Throughput 2.7 Documentation 3.1 Situational Reports 3.2 SHARES connection
Threat or Hazard	Infrastructure failure, multiple types, leading to communications failures and risk to population

Exercise Name	2020 Hot & Cold Exercise
Scenario	Sudden widespread onset of high pressure natural gas pipeline valves leads to ruptures and multiple conflagrations, loss of electrical power during an extreme cold weather event; telecommunications failures in undersea cables then develop with widespread communications overloading and failure.
Sponsor	Alachua County ARES(R) North Florida Amateur Radio Club (NFARC) Gainesville Amateur Radio Society (GARS)
Participating Organizations	Alachua County Emergency Management Radio Relay International
Point of Contact	Gordon L. Gibby MD, KX4Z, NCS521 docvacuumtubes@gmail.com

GENERAL INFORMATION

Exercise Objectives and Core Capabilities

The following exercise objectives in Table 1 describe the expected outcomes for the exercise. The objectives are linked to core capabilities, which are distinct critical elements necessary to achieve the specific mission area(s). The objectives and aligned core capabilities are guided by elected and appointed officials and selected by the Exercise Planning Team.

Exercise Objective	Core Capability
(1.1) Deployment: Each team to reach their assigned location without the use of internet-based navigational aids.	Mass Care Services (Shelter Communications)
(1.2) Join Command Net.. Each deployed team to join (or commence) Command Net within 30 minutes of site arrival	Mass Care Services (Shelter Communications)
(1.3) Alternative Antennas: Each deployed team given a handicap of failed primary antennas, to replace such antenna(s) within 45 minutes. (Option: groups are free to provide secondary antennas.)	Mass Care Services (Shelter Communications)
(1.4) Emergency Power: Each deployed team to have emergency power supplying both HF and VHF/UHF radios, sufficient for transmission; documented by notice of joining nets	Mass Care Services (Shelter Communications)
(1.5) Alternative Emergency Power: Each deployed team comprised of 4 or more licensed volunteers, if given a handicap of primary emergency power fail, to come up with a second emergency power within 45 minutes of primary failure.	Mass Care Services (Shelter Communications)
(1.6) Voice net: Each deployed team to make contact with one or more HF nets per ICS-205 within 45 minutes of arrival to assigned site.	Mass Care Services (Shelter Communications)
(1.7) WINLINK Connection: Each deployed team to make contact with at least one WINLINK HF gateway within 1 hour of arrival to assigned site. [Record times of first three WINLINK connections]	Mass Care Services (Shelter Communications)

Exercise Objective	Core Capability
(1.8) WINLINK Assessment: Each deployed team to determine at least 3 possible WINLINK HF Gateways that are successfully reached within 2 hours of arrival to assigned site. A VHF gateway may be substituted for 1 of the HF gateways.	Mass Care Services (Shelter Communications)
(1.9) ICS Chain of Command: Any team targeted with an "inject" to ask them to take some un-approved action, to contact their supervisor for clarification.	Mass Care Services (Shelter Communications)
(1.10) ICS-309 Documentation, Team: Each deployed amateur-radio-based team to turn in a completed ICS-309, upon returning from the deployment, to the "Documentation Unit" (This document may be in separate parts, and some may be submitted by email to FLEXDOCUNIT@WINLINK.ORG as long as < 100kbytes)	Mass Care Services (Shelter Communications)
(1.11) ICS-214 Documentation, Team: Each deployed team to turn in a group ICS-214 that gives the major events. This may be done "per session" and fill-in-the-blank versions may be provided to make this easier.	Mass Care Services (Shelter Communications)
(1.12) ICS-214 Documentation, Individual : Each licensed deployed individual to turn in a completed ICS-214, upon returning from the deployment, to the "Documentation Unit"	Mass Care Services (Shelter Communications)
(1.13) Net Control Procedures, Assumption of Command: Net control stations (whether assigned or ad-hoc) to assume net control within 40 minutes from beginning of exercise for each specified net.	Mass Care Services (Shelter Communications)
(1.14) Net Control Procedures, Vigilance: Net control stations (whether assigned or ad-hoc) to detect missing or disappeared stations within 30 minutes of loss.	Mass Care Services (Shelter Communications)
(1.15) Net Control Procedures, Recordkeeping: Net control stations (whether assigned or ad-hoc) to keep written record of net activity sufficient to determine sending and receiving stations of each formal traffic transferred and approximate time of transfer.	Mass Care Services (Shelter Communications)

Exercise Objective	Core Capability
(1.16) Radiogram Construction. Where permitted and applicable, every non-FLBDR-related deployed team members to successfully create one or more radiogram messages	Mass Care Services (Shelter Communications)
(1.17) Voice radiogram transmission: Every team to transmit at least 3 voice radiograms.	Mass Care Services (Shelter Communications)
(1.18) WINLINK text emails: Every team to transmit at least 1 winlink plain text email.	Mass Care Services (Shelter Communications)
(1.19) WINLINK FORMS: Every non-FLBDR-related team to transmit at a minimum, 3 out of the following four WINLINK Forms (template) a) Clay County Extended Shelter Report b) SHARES SpotRep2 c) ICS-213 d) RRI-Radiogram	Mass Care Services (Shelter Communications)
(2.1) FLBDR Initiation Speed FLBDR-related teams to organize and deploy volunteers to capture family notification messages within 30 minutes of being instructed to do so.	Mass Care Services (Shelter Communications)
(2.2) FLBDR Parallel Effort: FLBDR-related teams to operate at least 2 data entry stations to input WINLINK messages within 1 hr of being instructed to initiate family notification messages	Mass Care Services (Shelter Communications)
(2.3) HF Distant Voice Net: FLBDR-related teams to make contact with one or more representatives of receiver nets for family notification messages on HF within 45 minutes of arrival at assigned sites.	Mass Care Services (Shelter Communications)
(2.4) WINLINK UPLINK: FLBDR-related teams to begin to move family notification traffic by way of WINLINK within 30 minutes of receiving first such messages, by one or more techniques.	Mass Care Services (Shelter Communications)
(2.5) SPEED OF WINLINK UPLINK: FLBDR-related teams to achieve a throughput of at least 15 messages per hour.	Mass Care Services (Shelter Communications)
(2.6) Voice Radiogram Throughput: FLBDR-related teams to achieve a throughput of at least 10 messages per hour	Mass Care Services (Shelter Communications)

Exercise Objective	Core Capability
(2.7) Documentation: FLBDR-related teams to keep ICS-309 documentation for all family notification messages transferred, suggested one sheet for voice and one sheet for digital.	Mass Care Services (Shelter Communications)
(3.1) Situational Reports: (all deployed teams) Each deployed team to successfully send at least two situational reports to the simulated Alachua County Emergency Manager within the Exercise time period, by any radio means they wish, maintaining documentation and optionally sending a copy to FLEXDOCUNIT@WINLINK.ORG ("Florida Exercise Documentation Unit") Suggested, but not required, is the SHARES SPOTREP2 Winlink Template.	Operational Communications (Backup capability to reach outside county and state authorities)
(3.2) SHARES connection: SHARES licensed sites encouraged to try using SHARES for digital emails	Operational Communications (Backup capability to reach outside county and state authorities)

Table 1. Exercise Objectives and Associated Core Capabilities

Participant Roles and Responsibilities

The term *participant* encompasses many groups of people, not just those playing in the exercise. Groups of participants involved in the exercise, and their respective roles and responsibilities, are as follows:

Players. Players are personnel who have an active role in discussing or performing their regular roles and responsibilities during the exercise. Players discuss or initiate actions in response to the simulated emergency.

Controllers. Controllers plan and manage exercise play, set up and operate the exercise site, and act in the roles of organizations or individuals that are not playing in the exercise. Controllers direct the pace of the exercise, provide key data to players, and may prompt or initiate certain player actions to ensure exercise continuity. In addition, they issue exercise material to players as required, monitor the exercise timeline, and supervise the safety of all exercise participants.

Simulators. Simulators are control staff personnel who role play nonparticipating organizations or individuals. They most often operate out of the Simulation Cell (SimCell), but they may occasionally have face-to-face contact with players. Simulators function semi-independently under the supervision of SimCell controllers, enacting roles (e.g., media reporters or next of kin) in accordance with instructions provided in the Master Scenario Events List (MSEL). All simulators are ultimately accountable to the Exercise Director and Senior Controller.

Evaluators. Evaluators evaluate and provide feedback on a designated functional area of the exercise. Evaluators observe and document performance against established capability targets and critical tasks, in accordance with the Exercise Evaluation Guides (EEGs).

Observers. Observers visit or view selected segments of the exercise. Observers do not play in the exercise, nor do they perform any control or evaluation functions. Observers view the exercise from a designated observation area and must remain within the observation area during the exercise. Very Important Persons (VIPs) are also observers, but they frequently are grouped separately.

Media Personnel. Some media personnel may be present as observers, pending approval by the sponsor organization and the Exercise Planning Team.

Support Staff. The exercise support staff includes individuals who perform administrative and logistical support tasks during the exercise (e.g., registration, catering).

Exercise Assumptions and Artificialities

In any exercise, assumptions and artificialities may be necessary to complete play in the time allotted and/or account for logistical limitations. Exercise participants should accept that assumptions and artificialities are inherent in any exercise, and should not allow these considerations to negatively impact their participation.

Assumptions

Assumptions constitute the implied factual foundation for the exercise and, as such, are assumed to be present before the exercise starts. The following assumptions apply to the exercise:

The exercise is conducted in a no-fault learning environment wherein capabilities, plans, systems, and processes will be evaluated.

The exercise scenario is plausible, and events occur as they are presented.

Exercise simulation contains sufficient detail to allow players to react to information and situations as they are presented as if the simulated incident were real.

Artificialities

During this exercise, the following artificialities apply:

Although for a "real world emergency" participants can certainly use their cell phones, for purposes of the Exercise, they should disable both cell phone and data (including not using it for map-based navigation) by using Airplane mode or similar. (Compass use is still allowed as this is independent of cell phone networks.)

If communications methods listed in the ICS-205 are declared "inoperative" then they cannot be utilized by participants..

EXERCISE LOGISTICS

Safety

Exercise participant safety takes priority over exercise events. The following general requirements apply to the exercise:

A Safety Controller is responsible for participant safety; any safety concerns must be immediately reported to the Safety Controller. The Safety Controller and Exercise Director will determine if a real-world emergency warrants a pause in exercise play and when exercise play can be resumed. For this Exercise, the Safety Controller will be the Exercise Director, Gordon Gibby, (352) 246 6183, and also monitoring the COMMAND NET frequency.

For an emergency that requires assistance, use the phrase **“real-world emergency.”** The following procedures should be used in case of a real emergency during the exercise:

Anyone who observes a participant who is seriously ill or injured will immediately notify emergency services (911) and the closest controller, and, within reason and training, render aid.

The controller aware of a real emergency will initiate the **“real-world emergency”** broadcast and provide the Safety Controller, Senior Controller, and Exercise Director with the location of the emergency and resources needed, if any. The Senior Controller will notify the [Control Cell or SimCell] as soon as possible if a real emergency occurs.

Fire Safety

Participants are asked to maintain due care related to emergency power sources, and also related to installing emergency antennas. No such antennas will be installed near any power lines.

Emergency Medical Services

Dial 911.

Electrical and Generating Device Hazards

Each participant is asked to follow prudent safety procedures related to batteries and generators and any other alternative power systems.

Weapons Policy

In general, non-law-enforcement personnel are strictly not allowed to carry concealed weapons inside ANY governmental building.

Site Access

Media/Observer Coordination

Organizations with media personnel and/or observers attending the event should coordinate with Gordon L. Gibby MD (352) 246 6183 for access to the exercise site. Media/Observers are encouraged to travel to the deployment sites, maintain identification, and learn as much as they can from the participants about volunteer emergency communications.. Sponsor organization representatives and/or the observer controller may be present to explain exercise conduct and answer questions. Exercise participants should be advised of media and/or observer presence.

Exercise Identification

Exercise staff may be identified by badges, hats, and/or vests to clearly display exercise roles; additionally, uniform clothing may be worn to show agency affiliation. Table 2 describes these identification items.

Group	Color
Controllers/Evaluators	Orange or Green Vest
Media Personnel	Simply wear ID
Players	Any suitable clothing

Table 2. Exercise Identification

POST-EXERCISE AND EVALUATION ACTIVITIES

Debriefings

Post-exercise debriefings aim to collect sufficient relevant data to support effective evaluation and improvement planning.

Hot Wash

At the conclusion of exercise play, controllers facilitate a Hot Wash to allow players to discuss strengths and areas for improvement, and evaluators to seek clarification regarding player actions and decision-making processes. All participants are encouraged to attend!

Controller and Evaluator Debriefing

Controllers and evaluators are encouraged to attend a facilitated Debriefing on WEDNESDAY following the Exercise at the Alachua County Emergency Operations Center, reporting to the RADIO ROOM at 10 AM.

Participant Feedback Forms

Participant Feedback Forms provide players with the opportunity to comment candidly on exercise activities and exercise design. Participant Feedback Forms should be collected at the conclusion of the Hot Wash.

Evaluation

Exercise Evaluation Guides

EEGs assist evaluators in collecting relevant exercise observations. EEGs document exercise objectives and aligned core capabilities, capability targets, and critical tasks. Each EEG provides evaluators with information on what they should expect to see demonstrated in their functional area. The EEGs, coupled with Participant Feedback Forms and Hot Wash notes, are used to evaluate the exercise and compile the After-Action Report (AAR).

After-Action Report

The AAR summarizes key information related to evaluation. The AAR primarily focuses on the analysis of core capabilities, including capability performance, strengths, and areas for improvement. AARs also include basic exercise information, including the exercise name, type of exercise, dates, location, participating organizations, mission area(s), specific threat or hazard, a brief scenario description, and the name of the exercise sponsor and POC.

Improvement Planning

Improvement planning is the process by which the observations recorded in the AAR are resolved through development of concrete corrective actions, which are prioritized and tracked as a part of a continuous corrective action program.

After-Action Meeting

The After-Action Meeting (AAM) is a meeting held among decision- and policy-makers from the exercising organizations, as well as the Lead Evaluator and members of the Exercise Planning Team, to debrief the exercise and to review and refine the draft AAR and Improvement Plan (IP). The AAM should be an interactive session, providing attendees the opportunity to discuss and validate the observations and corrective actions in the draft AAR/IP.

Improvement Plan

The IP identifies specific corrective actions, assigns them to responsible parties, and establishes target dates for their completion. It is created by elected and appointed officials from the organizations participating in the exercise, and discussed and validated during the AAM.

The North Florida Amateur Radio Club typically produces a written After Action Report/Improvement Plan and makes it available both on Amazon and online. Previous such documents may be reviewed:

2019 Exercise:

<https://qsl.net/nf4rc/2019Conference/CreateSpaceViralDuoAARIP1.2BlackInk.pdf>

<https://www.amazon.com/Exercise-ViralDuo-After-Action-Report-Improvement/dp/1796291994>

PARTICIPANT INFORMATION AND GUIDANCE

Exercise Rules

- The following general rules govern exercise play:
- In general, cell phones and cell-phone based navigation are not allowed during the Exercise. Paper maps !
- Real-world emergency actions take priority over exercise actions.
- Exercise players will comply with real-world emergency procedures, unless otherwise directed by the control staff.
- All communications (including written, radio, telephone, and e-mail) during the exercise will begin and end with the statement TEST EXERCISE MESSAGE or similar.

Players Instructions

Players should follow certain guidelines before, during, and after the exercise to ensure a safe and effective exercise.

Before the Exercise

Review appropriate organizational plans, procedures, and exercise support documents.

Arrive for the Sunday portion of the Conference on schedule.

Sign in when you arrive, on the ICS-211 provided and receive your Unit (team) assignment.

Read your Player Information Handout, which includes information on exercise safety.

During the Exercise

Respond to exercise events and information as if the emergency were real, unless otherwise directed by an exercise controller.

Controllers will give you only information they are specifically directed to disseminate. You are expected to obtain other necessary information through existing emergency information channels.

Media: If you are asked an exercise-related question, give a short, concise answer. If you are busy and cannot immediately respond, indicate that, but report back with an answer as soon as possible.

If you do not understand the scope of the exercise, or if you are uncertain about an organization's participation in an exercise, ask a controller.

Parts of the scenario may seem implausible. Recognize that the exercise has objectives to satisfy and may require incorporation of unrealistic aspects. Every effort has been made by the exercise's trusted agents to balance realism with safety and to create an effective learning and evaluation environment.

All exercise written communications will begin and end with the statement "This is an exercise." (or similar); voice radio communications will include this at least as often as identifications. This precaution is taken so that anyone who overhears the conversation will not mistake exercise play for a real-world emergency.

Speak when you take an action. This procedure will ensure that evaluators are aware of critical actions as they occur.

Maintain an ICS-214 log of your activities. Many times, this log may include documentation of activities that were missed by a controller or evaluator.

After the Exercise

Participate in the Hot Wash at your venue with controllers and evaluators.

Complete the Participant Feedback Form. This form allows you to comment candidly on emergency response activities and exercise effectiveness. Provide the completed form to a controller or evaluator.

Provide any notes or materials generated from the exercise to your controller or evaluator for review and inclusion in the AAR.

Simulation Guidelines

Because the exercise is of limited duration and scope, certain details will be simulated. The physical description of what would fully occur at the incident sites and surrounding areas will be relayed to players by simulators or controllers. A SimCell will simulate the roles and interactions of nonparticipating organizations or individuals. Volunteers from Radio Relay International and other amateur radio organizations and individuals as well as countless WINLINK RMS sysops will be providing communications assistance.

Appendix A: Exercise Schedule

Day 1: Date	Personnel	Activity	Location
Wednesday, Feb 19 2020	RRI and other radio volunteers	Discuss radio net assistance.	Conference call.

Day 2: Date	Personnel	Activity	Location
Saturday Feb 29 7:30 PM Local	NFARC and related leadership, Alachua County EOC participants	Final Discussions of Exercise Planning	WENDY'S I-75 & 39th Avenue

Day 3: Date	Personnel	Activity	Location
SUNDAY MAR 1 1245 Local	ALL local participants	Assemble for Briefing at Oaks Church	Oaks Church, 4610 SSW Archer Road.
1330 LOCAL	All participants	Deployment begins	assigned locations
1615 LOCAL	All participants	Return travel to Conference	Back to Oaks Church, 4610 SW Archer Road
1645 LOCAL	All local personnel	HOTWASH DISCUSSION	Oaks Church (and possibly speaker phone)

Appendix B: Exercise Participants

Participating Organizations	
Federal	
None	
State	
None	
National NGO	
Radio Relay International	
Local	
North Florida Amateur Radio Club (NFARC)	
Gainesville Amateur Radio Society (GARS)	
Alachua County Emergency Management	

Appendix C: Communications Plan

INCIDENT RADIO COMMUNICATIONS PLAN ICS-205

INCIDENT RADIO COMMUNICATIONS PLAN (ICS-205)										
1. Incident Name: 2020 HOT & COLD EXERCISE				2. Date/Time Prepared: Date: Feb 13 Time: 1400 LOCAL			3. Operational Period Date From: MAR 1 Date To: MAR 1 Time From: 0000 EST Time To: 2359 EST			
4. Basic Radio Channel Use:										
Zone e Grp.	C h #	Function	Channel Name / Trunked Radio System Talkgroup	Assign- ment	RX FREQ N or W	RX TON E / NAC	TX FREQ N or W	TX TON E / NAC	Mode (A, D, or M)	Remarks
	1	Primary Command	K4GNV82 Repeater	AUX COM	146. 820 FM W	None	146. 220 FM W	123.0	A	Primary Command / Tactical
	3	Secondary Command	K4GNV685 Repeater	AUX COM	146. 685 FM W	None	146. 085 FM W	123.0	A	Secondary
	4	Tertiary Command	W4DFU-91 Repeater	AUX COM	146. 910 FM W	None	146. 310 FM W	123.0	A	Tertiary
	8	Tactical	NAT 2M CALLING	AUX COM	146. 520 FM W	None	146. 520 FM W	None	A	Team simplex comms
		Tactical	TRAVEL	AUX COM	146. 490 FM W	None	146. 490 FM W	None	A	Team simplex comms
		Email	Winlink HF	AUX COM	TBD USB	N/A	TBD USB	N/A	D	Per WINLINK RMS Channels / Propagation; use any workable gateway
	5	Email	GNVPKT-070	AUX COM	145. .070 FM W	None	145. 070 FM W	None	D	Gateways: KX4Z-10; N5CBP-10 Nodes: NEWB; DARK
	9	Email	OCALA-GNV PKT	AUX COM	145. 030 FM W	None	145. 030 FM W	None	D	Gateways: KX4Z- 10;W1GLV-10. Nodes: GARC2
		Voice Traffic	80M FLORIDA	AUX COM	3.950 LSB	N/A	3.950 LSB	N/A	A	Nighttime & when applicable; Northern FL Emergency Net (Comm Plan, p 11)

	Voice Traffic	RSA1	AUX COM	5.330.5 USB	N/A	5.330.5 USB	N/A	A	FL Simulated Disaster Net, Primary 60M dial freq
	Voice Traffic	RSA2	AUX COM	5.346.5 USB	N/A	5.346.5 USB	N/A	A	FL Simulated Disaster Net, Secondary 60M dial freq
	Voice Traffic	RSA3	AUX COM	5.357.0 USB	N/A	5.357.0 USB	N/A	A	FL Simulated Disaster Net, Tertiary 60M dial freq
	Voice Traffic	RFA1	AUX COM	7.243 LSB	N/A	7.243 LSB	N/A	A	FL Simulated Disaster Net, Primary 40M dial freq
	Voice Traffic	RFA2	AUX COM	7.232 LSB	N/A	7.232 LSB	N/A	A	FL Simulated Disaster Net, Secondary 40M dial freq
	Voice Traffic	RFA3	AUX COM	7.205 LSB	N/A	7.205 LSB	N/A	A	FL Simulated Disaster Net, Tertiary 40M dial frequency
	Voice Traffic	RTA1	AUX COM	14.265 USB	N/A	14.265 USB	N/A	A	FL Simulated Disaster Net, Primary 20M dial freq
	Voice Traffic	RTA2	AUX COM	14.282 USB	N/A	14.282 USB	N/A	A	FL Simulated Disaster Net, Secondary 20M dial freq
	Voice Traffic	RTA3	AUX COM	14.235 USB	N/A	14.235 USB	N/A	A	FL Simulated Disaster Net, Tertiary 20M dial freq
	Neighborhood watch	FRS2GMRS	Public	462.587.5	None	462.587.5	None	A	Ham Neighbor Watch
	Tactical	SARNET	AUX COM	444.925	None	449.925	None	A	Frequency listed is for Gainesville Access. See SARNET map for additional access (recommended)

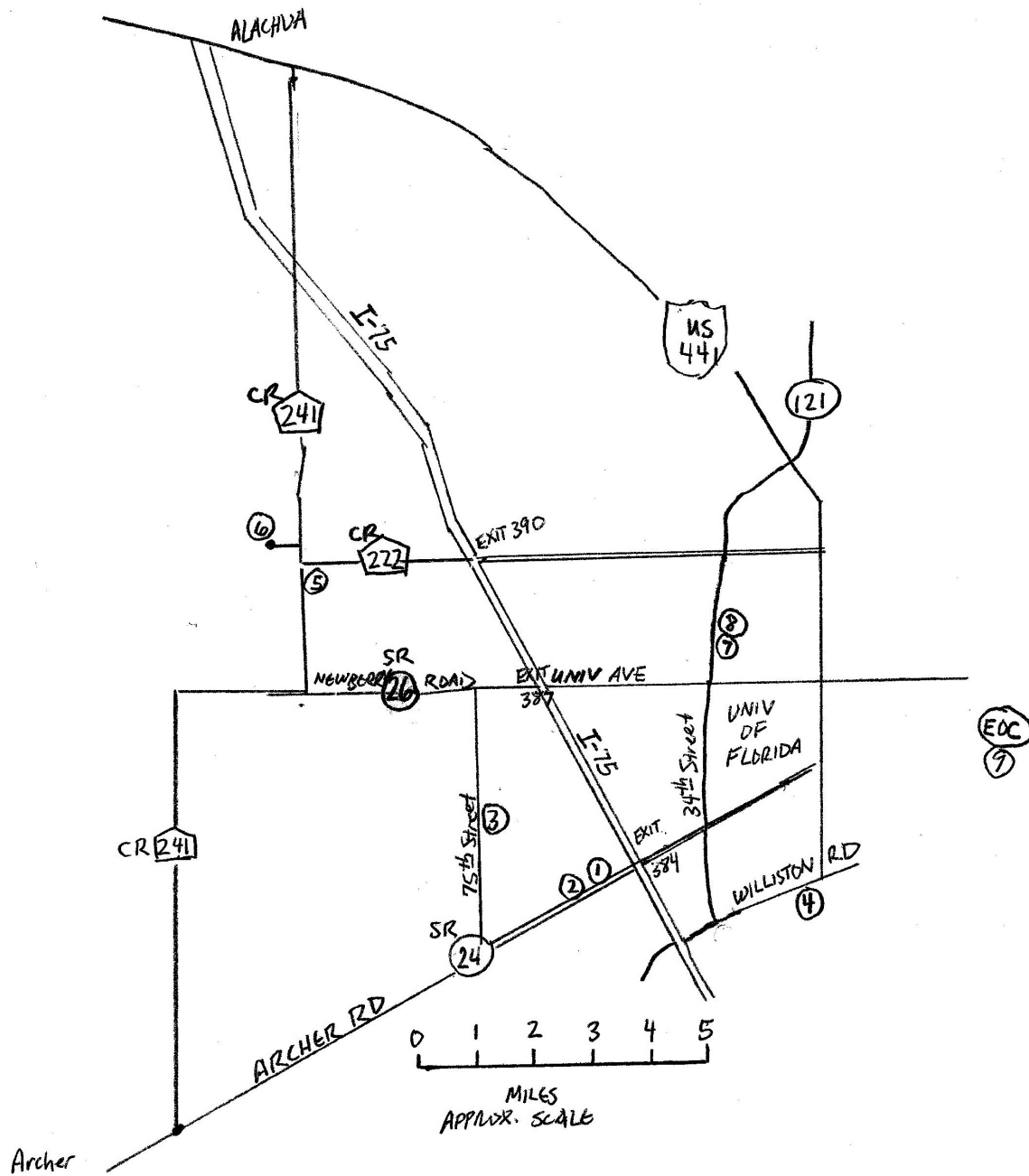
5. Special Instructions

- Use Channel Name to identify frequencies if moving due to malicious interference.
- "Channel Nos." above refer to Alachua County Frequency List.
https://www.qsl.net/nf4rc/Tech/Frequency/CHIRP_Draft_20191127.pdf
- "Dial" means the setting of the front panel frequency setting; the center of an upper sideband emission is approximately 1500 Hz higher.
- HF Voice Nets ("Florida Simulated Disaster Net") may be constituted by any available volunteer; pass net control duties to the most capable and strongest station when appropriate. Move traffic toward destination by any appropriate route.
- All frequencies in MHz. TBD = to be determined (by individual operator)

6. Prepared By (Communications Unit Leader) Name Gordon Gibby KX4Z Signature /s/		
ICS 205	IAP PAGE	Date / Time Feb 13 1400

GLG 5/2018


See Conference Text, page 6-11





Important Locations



Conference Maidenhead Locator: EL89TO



In the event of a real medical emergency, dial 911.
There are excellent hospitals in Gainesville, Florida, including the VA, Shands Hospital, and North Florida Regional Medical Center. There are multiple dispersed emergency rooms connected to the latter two hospitals.
On the radio, for a real emergency during the Exercise, plainly state
"This is a real-world emergency."

#	Name	Location
1	Oaks Baptist Church	4610 SW Archer Rd, Gainesville FL, 32608 Archer Road is also State Road 24, and is at Exit 384 on I-75 Plenty of space on the north end of their property for an entire CLUB to set up operating stations.
2	Kanapaha Botanical Gardens	4700 SW 58th Drive, Gainesville FL Approximately 1 mile west of Oaks Baptist Church, off of SW Archer Road (State Rd 24) turn north on SW 58th Drive.
3	Veteran's Memorial Park	7400 SW 41st Place, Gainesville FL Drive west on Archer Road, turn North on SW 75th Street, proceed to SW 41st Place. Parking and restrooms and pavilions. There are covered tables at the restroom area, and LARGE pavilions just north of the restroom area. 

4	Squirrel Ridge Park	<p>1603 SW Williston Road Gainesville.</p> <p>Although there is a connecting road from Archer Road to Williston Road, it may be easier to hop on the Interstate going SOUTH one exit. Then proceed EAST and the park is right before the 13th Street intersection, just before a rehab facility known as Meridian. I did not see restrooms there.</p> <p>This is mainly a DOG Park. Lots of trees, but only one covered picnic table that I could find.</p> 
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5	Rotary Park at Jonesville	<p>14100 NW 32nd Avenue, Jonesville Take I-75 North from Oaks Baptist Church, get off at exit 390 (State Road 222, 39th Avenue) proceed West 4 miles, turn South on County Road 241, a couple blocks to NW 32nd Avenue. Restrooms, pavilions. There is an active Fire Station on the north side of the Park</p> <p>Many many ball fields, but only a couple of covered picnic tables are the far end of where you can drive. Abundant parking.</p> 
6	KX4Z	<p>15216 NW 41st Avenue, Newberry FL Take I-75 North from Oaks Baptist Church, get off at exit 390 (State Road 222, 39th Avenue) proceed West 4 miles, turn North on County Road 241, a few hundred yards, turn left into brick gated entrance way to Steeplechase Farms. Inquire over radio for Gate Code. Proceed straight 0.5 miles, drive straight on driveway to drive back to pole barn. Restroom available in guest house. To reduce your RFI, the solar panel system will be disabled.</p>
7	Loblolly Woods Nature Park	<p>3315 NW 5th Ave, Gainesville FL Proceed north east from church on State Road 24 (Archer Road) to 34th Street. Turn North on 34th Street, proceed past University Avenue to park on the east side of road, directly across from 5th Avenue. EASY TO MISS. Very little parking. Restrooms, parking, picnic tables. 160 acres. VERY WOODED TRAIL. VERY SECLUDED. Large yellow building hosts restrooms right at parking area.</p>

		
8	Westside Park	<p>1001 NW 34th Street, Gainesville.</p> <p>Proceed north east from church on State Road 24 (Archer Road) to 34th Street. Turn North on 34th Street, proceed past University Avenue to park on the east side of road, just before 8th Avenue. Often busy, has 27 acres, parking, covered picnic tables. Local club often uses this for winter field day. Restrooms are in the building north of the pavilions, other end of the parking lot.</p> 
9	Alachua County EOC	<p>1100 SE 27th Street, Gainesville FL</p> <p>You'll need your GPS to find this. Paths from the west include University Avenue or Williston Road to University Avenue, to Hawthorne Road. Enter the imposing black-gated area, drive</p>

		<p>carefully and slowly past the Sheriff's Dept to the building on the south side. Find parking, and present yourself at the front entrance on the north side of the building. No weapons of course; security.</p> 
10	Hogtown Creek Headwaters Nature Park	<p>1500 NW 45 AVE, Gainesville, FL 32609</p> <p>From 13th Street (441) find NW 45th Avenue (Kubota dealership on the corner) and head WEST. The park will be north of the road within 1/2 mile. Paved entrance, parking lot, restrooms pavilion plenty of trees for antennas.</p> 

11	Northeast Park ("Tom Petty Park")	<p>400 NE 16th Avenue, Gainesville (City park)</p> <p>Park's north side has parking and bathrooms fronting on NE 16th Avenue, just a few blocks east of Main Street. Multiple ball field there and lot of parking -- but it is LOONG walk back to the only pavilion and multiple picnic tables at the South side of the park. You would be advised to work your way to NE 13th Ave (which doesn't connect to Main Street) where there is limited on-street parking, at least to unload your radio equipment. PLENTY of trees and a nice pavilion. The major use of the park appears to be the fenced in dog park areas</p> <p>Pavilion viewed from the northwest:</p>  <p>Pavilion viewed from NE 13th Ave approach:</p> 
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APPENDIX E: EXERCISE ICS201 (ABBREVIATED PRIOR TO SATURDAY FEB 29)

1. Incident Name:
2020 HOT & COLD EXERCISE
(AMATEUR RADIO OPERATORS)

2. Incident Number:

3. Date/Time Initiated:
 Date: Time:

9. Current Organization (fill in additional organization as appropriate):

STATE FDEM / EOC
 SIMFDEM@WINLINK.ORG

Alachua County Emergency Manager
 Simulation Emergency Manager: Jeff Capehart
 (@ Alachua County EOC)

SIMCOUNTYEM@WINLINK.ORG

MASS CARE SHELTERS

Shelter Manager Manager ONE	Shelter TWO	Shelter Manager Manager THREE	Shelter Manager FOUR	Shelter FIVE
COMM UNIT SH-1 (Unit Leader)	COMM UNIT SH-2 (Unit Leader)	COMM UNIT SH-3 (Unit Leader)	COMM UNIT SH-4 (Unit Leader)	COMM UNIT SH-5 (Unit Leader)

NGO: Florida Baptist Disaster Relief
 Teams (invited by Alachua County EM)
 Comm Manager: Nick Murabito
 UNIT FLB-1

Additional FLB
 Comm Manager
 UNIT FLB-2

UNIT	Supervisor	Team Leader	Comment
Simulated EM			Jeff Capehart
FLB-1	Nick Murabito	TBD	
FLB-2	Greg Lueck	TBD	
SH-1	Carolyn Tann-Starr	TBD	
SH-2	Earl McDow	TBD	
SH-3	Wendell Wright	TBD	
SH-4	Mike Shaffer	TBD	
SH-5	Rick Palm	TBD	

1. Incident Name: 2020 HOT & COLD EXERCISE (AMATEUR RADIO OPERATORS)	2. Incident Number:	3. Date/Time Initiated: Date: _____ Time: _____
6. Prepared by: Name: _____ Position/Title: _____ Signature: _____		
ICS 201, Page 3	Date/Time: _____	

APPENDIX F: Preparation Check List

Item No.	Description	Responsible Person	Requested by Date	Completed Date
1	Asking for interested teachers and authors	Gordon Gibby	October 2019	Oct. 3 2019: email
2	Securing Location	Gordon Gibby	December 2019	November 13 2019
3	Additional requests for help	Gordon. Gibby		Oct 27 2019-email Nov 5 FL EMCOMM Facebook
4	Lining up Speakers	Gordon Gibby	November	December
5	Chapter Deadlines	All writers	January 15	Last chapters in by Jan 20
6	Check deployment locations & photos	Gordon Gibby	Jan 20	Jan 20 2020
7	Text submission to Amazon	Gordon Gibby	Jan 20	Jan 24 2020
8	Text Ordering	Gordon Gibby	Jan 30	Jan 24 Feb 8 (more copies)
9	Development out inter-state receiver stations	RRI - James Wades	Feb 20	Feb 10
10	Creation of Response Network	RRI - James Wades	Feb 20	Feb 10
11	Meet with Alachua County EM	Gordon Gibby	Feb 11	Feb 11
12	Contact additional ham groups for additional evaluators	Gordon Gibby	Feb 15	Feb 13 --to Marion & Clay counties. 1 Evaluator: Dave Welker
13	Initial media release	Gordon Gibby	Feb 15	Feb 15 -- response from 97.3 and from ARRL
14	Notify PARKS - GNV	Gordon Gibby	Feb 20	Feb 16 -- everyone

				happy.
15	Notify PARKS - Alachua County	Gordon Gibby	Feb 20	Feb 16 -- everyone happy
16	Notify GNV Police	Gordon Gibby	Feb 20	Feb 16 -- dispatcher quite interested.
17	Notify Alachua Sheriff	Gordon Gibby	Feb 20	Feb 16 -- same dispatcher
18	Assess EOC antenna situation & respond	Gordon Gibby	Feb 20	Feb 18 -- workaround solution found
19	MEDIA RELEASE	Gordon Gibby	Feb 24 (Monday)	
19b	Order Lunch for FRIDAY FEB 28 11 AM Each sandwich ring = \$20, Really feeds 6 Need 3 rings Sliced, mayo mustard etc. Order Publix Deli Ringleader Ham / Chicken / Turkey -- 1302 N. Main Street Store # 795 375 2919 \$5 each Add some chips ; drinks ffrom drink machine	Gordon Gibby	Wed Feb 26	ORDERED Feb 25 Pay when you pick up. Expect \$60++
19c	Order Lunch for SATURDAY Feb 29 11 AM Publix Butler Plaza West, 3930 SW Archer Rd, Store #1312, 379 7271 Each Publix Ring = \$20, really feeds 6. 48 persons expecting lunch; plan on a few	Gordon Gibby		LEFT MESSAGE

	extra, so need 10 rings. Sliced mayo mustard etc. Will need soft drinks, chips \$6 ea.			
20	CANOPY, North end of Oaks Property	?	Mar 1	<input type="checkbox"/> _____
21	Move KX4Z RMS to 80meters only	Gordon Gibby	Mar 1	<input type="checkbox"/> _____
22	Disable KX4Z Solar Power	Gordon Gibby	Mar 1	<input type="checkbox"/> _____
23	Spare Projector to Oaks Church	Jeff Capehart	Feb 29	<input type="checkbox"/> _____
24	Spare Projector to Oaks Church	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
25	On-location VHF RMS gateway	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
26	On-location HF RMS Gateway	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
27	Name Badges	Susan Halbert	Feb 29	<input type="checkbox"/> _____
28	Books to site	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
29	List of attendees for sign-in	Gordon Gibby	Feb 29	List of attendees completed Feb 25
29b	Assign attendees to Exdercise Units	Gordon Gibby	Feb 29	Preliminary assigments completed Feb 25
30	ICS-211 Saturday	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
31	ICS-211 Sunday	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
32	(Replaced by earlier entry)			
33	Refreshments	?	Feb 28	<input type="checkbox"/> _____
34	Extension cords	Gordon Gibby + ?	Feb 29	<input type="checkbox"/> _____

35	Digital Cables	?	Feb 29	<input type="checkbox"/> _____
36	VOM & tools for soldering/crimping	Gordon Gibby + ?	Feb 29	<input type="checkbox"/> _____
37	Copies of TASKBOOK	Gordon Gibby	Feb 29	<input type="checkbox"/> _____
38	PICK UP Sandwiches	?	Feb 29	<input type="checkbox"/> _____
39	CAUTION Tape	Gordon Gibby	Feb 29	Feb 22 -- huge spool arrived, being split onto cardboard forms
40	Propagation Tests	RRI / Ohio Group	Feb 24	Completed with as many as 8 participants, with both Saturday and Sunday 1-3 PM sessions completed. Matt Curtin NCS

APPENDIX G: MEDIA BACKGROUND INFORMATION

Volunteer Training	This Exercise helps train citizen volunteers with specific radio skills, licensed by the Federal Communications Commission, to better assist local, state and federal authorities in the modern response to disasters.
Amateur Radio Emergency Response	Since the beginning of amateur radio, volunteers have used their skills and radio assets tens of thousands of times to benefit their fellow citizens.
Amateur Radio	There are roughly 750,000 licensed amateur radio operators in the United States. Each passed one or more examinations in order to earn an FCC license. More difficult examinations earn more expansive radio privileges.
Amateur Radio Disaster Volunteer organizations.	The American Radio Relay League has existed since the earliest days of radio, and well before World War II created programs to address organizing amateur radio disaster volunteers, which is now known as the Amateur Radio Emergency Service (R). The Alachua County ARES group is a part of this, and has created a formal club, recognized by the FCC, in order to provide specific radio call signs for communication.
Emergency communications techniques	<p>Amateur Radio operators not only utilize voice communications, but increasingly they take advantage of advanced digital system that pass text, or computer files, without error. Automated radio email systems figure highly in these systems, organized by the WINLINK developers, who have best-in-class software to assist in text-based disaster communications.</p> <p>In today's exercise, volunteers will be practicing both voice and digital communications, and over both short and long distances. Assistance will be provided by long distance operators of the Radio Relay International organization.</p>
Previous Exercises	<p>This is the 3rd annual such training our local NFARC club has provided for the State of Florida. Previous exercises have been extensively documented as follows:</p> <p>2018 Conference Text:</p>

	https://www.amazon.com/Amateur-Radio-Emergency-Communications-Symposium/dp/1983678805 2019 Conference Text: https://www.amazon.com/Amateur-Radio-Emergency-Communications-Conference/dp/1791865941 Exercise Report: https://qsl.net/nf4rc/2019Conference/CreateSpaceViralDuoAARIP1.2BlackInk.pdf also available on Amazon: https://www.amazon.com/Exercise-ViralDuo-After-Action-Report-Improvement/dp/1796291994 2020 Conference Text: https://www.amazon.com/gp/product/B083XX3SZR
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