

North Florida Amateur Radio Club Minutes10102018.

Attending:

1. Gordon G.
2. Rosemary
3. Jeff C.
4. Chris C.
5. Leland G.
6. Alvin KM4DLF
7. Susan H.
8. Michael J.

- Meeting at the Alachua County Library Headquarters, Meeting Room A (since the Red Cross wasn't available and we didn't hear back from the EOC) Meeting started shortly after 7 PM.
- Rosemary indicates that the Senior Center is being used right now to handle ill people from the coast..
- We did a bunch of uploading as Leland had newer versions of several files – this allowed a lot of people to learn a lot of things about the way to use web servers etc. Jeff showed people how to use a different version of FTP

LELAND DISCUSSION OF ITEMS LEARNED IN TABLETOP

Discussion of the devastation of the hurricane area.

Discussion of the frustration that Susan and Leland have experienced in trying to get the exercise going – lots of people have had to fall by the wayside, usually for good reasons In the Army you have REDUNDANCY so that when someone is out you still have people. (We lack that level of redundancy.) During the practice exercise we had two different locations which was an advantage; and we used frequencies people had never tried before. Leland was stunned when his rig worked on 160 meters. Susan helped Leland learn how to get VHF packet going – by setting up her station in the driveway. Handhelds were great for coordinating but they aren't powerful and may not reach the distance!

Leland thinks we need to understand the "protocol" (communications strategies) better so people know what to do when they have not made contact with the other person!!!!

Lots of modes used: phone, digital, winlink; different callsigns: NF4RC and NF4AC .

Noted that the new RRI radiogram form creates an inline **text** radiogram. For the first time in the practice, we actually used the REPLY portion of a ICS-213. We sent images and bulletins; Vann succeeded in the shelter wifi setup. Leland learned how to get tiny photos using an old camera; but winlink also has a file reduction capacity.

Leland suggests strongly that people find an older camera that can do smaller files!

Big point: need to have a SYSTEM (in my lingo, a strategy) so people know where to go if they don't make connection.....

One way around this is to have others LISTENING on other frequencies; but alternately having time plans for 0/15/30/45 etc. [*Note: we didn't solve this problem at this meeting.*]

So we got a lot more experience with message handling

Suggestions for practice:

- Message handling – practice!
- Operators: need headphones and quiet background
- Method for establishing comms without HT (ICS-205: alternate frequency)
- Frequencies: update propagation tools
- Develop experience pools
 1. Van can do WIFI hotspots (others needed)
 2. Susan did packet --- others needed
 3. Tactical calls for NF4AC and NF4RC

General points to improve:

- Document! use the comms log; fill out the 211e in advance
- Familiarize with Blank Book
- Deployment/go lists
- Flagging tape
- Coax seal
- ICS form practice
- Establish more multi mode schedules among group
- DOCUMENT!! Establish habit

Leland has learned how to do vhf packet and easy term and winlink! He has just received a ubiquity microwave transceiver.

Leland suggests --- identify all your equipment and put it (including the serial numbers) in your blank book!!!!

If you're going to document things properly, you really need a scribe.

DEPLOYMENT AND GO LISTS

People who are used to deployment really are used to using checklists!

Or have boxes already filled out

Rosemary: "do not enter" flagging tape

Tape to hold down coax cables – or a "cord runner"; flagging tape

Coax seal to protect connections; rescue tape;

Practice with the ICS forms

Multi mode schedules to practice

Get somewhat familiar with some computer ways of doing things --- use the same file format so others can write/read **(he suggests.. .doc)** -- COMMON DOCUMENT FORMAT.

Discussion of Exercise Status Today

-- lack of participation from beginning

- MARC unit pulled out
- No student participation
- Operators
-
- 201/205
- Sites secured
- Evaluators secured
- Operators -- severely lacking
- Real World Concerns with hurricane Michael
- Go/No Go?

Mike Ridlon did a good job of publicizing at the school trying to get student actors. Possibility of getting theater students (*but they have a play*); Susan found people from work, but since they are off work right now they have gone lots of places. So right now we're out of people.

Leland got all things set up and even got evaluators -- Mike Ridlon at the Santa Fe and Huckstep at the EOC.

Senior center may be occupied and Rosemary may be called to be an ERV driver.

Susan: exercise is pretty whimsical and FUN --- maybe not the right time to do it when people 3 hours away are in pretty bad devastation. Might be a better idea to put together a TEAM that could be deployed to help out if needed.

Suggestion is that we POSTPONE to a time when we can have more people! Possibility of rescheduling -- Maybe January?

Discussion of what is likely to be needed: (in Hurricane Michael wake)

-- massive damage

-- cell towers down

-- power out

- EC from Jackson county asking for resources (7:21 PM) --- possibility for hams to be deployed for WEEKS
- Karl Martin -- is getting ready to put in requests.; comes through state channels
- In the past, it was Shannon and Jeff who went to Katrina.
- Cell on wheels towers
- Power line people have been loaded up on trucks etc...
- hundred sand hundreds
- I-10 is closed

MOTION BY ACCLAMATION: Agreement that we'll delay -- Leland and Susan will pick a time and Jeff suggests they do a demo of the systems at the GARS picnic.

Possibility of getting the people from the panhandle -- to talk about
 The Scala hospital group is good at exactly what they do.
 the other groups are good at other things

Notes from Phil Royce' Excellent Talk Sumter County: They had a cleaner company come and clean out the underground tube and got their system going again
 Rosemary: --- most interesting thing she learned was that they fixed their flooded cables

DISCUSSION OF GENERAL CLASS COURSE:

Leland will pick up the remaining chapter-- and so now we have a full slate of instructors..

CHAPTER/Material	Volunteer Instructor
2 Procedures & Practices	Leland G.
3 Rules and Regulations	Leland G.
4 Components & Circuits	Gordon Gibby (partial) Thomas G.(partial) having trouble remembering who does what
5 Radio Signals & Equipment	Gordon G.
6. Digital Modes	Shanon
7 Antennas (includes building dipole)	Gordon G
8. Propagation	Susan H. or John T.
9. Electrical Safety	John T

DISCUSSION OF HF NETS AND MESSAGE PROCEDURES

Everyone likes the list of PROWORDS --- suggested that we all put them in our "blank book"

HFNets -- Procedures & Opportunities

BREAK (between address & text // between text & sig)
I SPELL
I SAY AGAIN
NO MORE; ONE MORE; MORE
OVER ("your turn!")
AFFIRMATIVE
CONFIRM
NEGATIVE
ROGER ("I got it")
GO AHEAD
FIGURES
INITIAL(S)
MIXED GROUP
AMATEUR CALL

DISCUSSION OF FEBRUARY EMERGENCY CONFERENCE

Agreement by acclamation that we should proceed to hold the conference.

Tracks

- Rosemary didn't get to do anything in the Exercise; wants to get to do something
- team dynamics talk?
- good leaders and good followers
- have people who already know how sound cards work and then prime the pump to help the other people later on
- in a deployment people wouldn't be able to get to the web page --- maybe find a way for people to be able to take with them.; people come to the conference with their laptops
- people download the files from a "shelter A"
- Leland suggests planning meetings
- bring your power supply, bring your radio and we try to put4 them together into go kits
- power pole crimp class
- Motion approved for the previous.

Jeff met with KD4MGR -- has his own repeater; on the TV 20 tower; pretty high up; wants to get emergency power and wants to partner with someone and make it an ares/races repeater --- discussion that we have never seen him at a meeting and we have many many repeaters in the County.

COPY OF THE TENTATIVE AGENDA FOR THE MEETING:

TENTATIVE AGENDA – SEPTEMBER MEETING

North Florida Amateur Radio Club
(Supporting Alachua County ARES®)

---->>>WEDNESDAY EVENING OCT 10th 2018

----->>>7PM – 8:45 – Library Hq Mtg. Room A

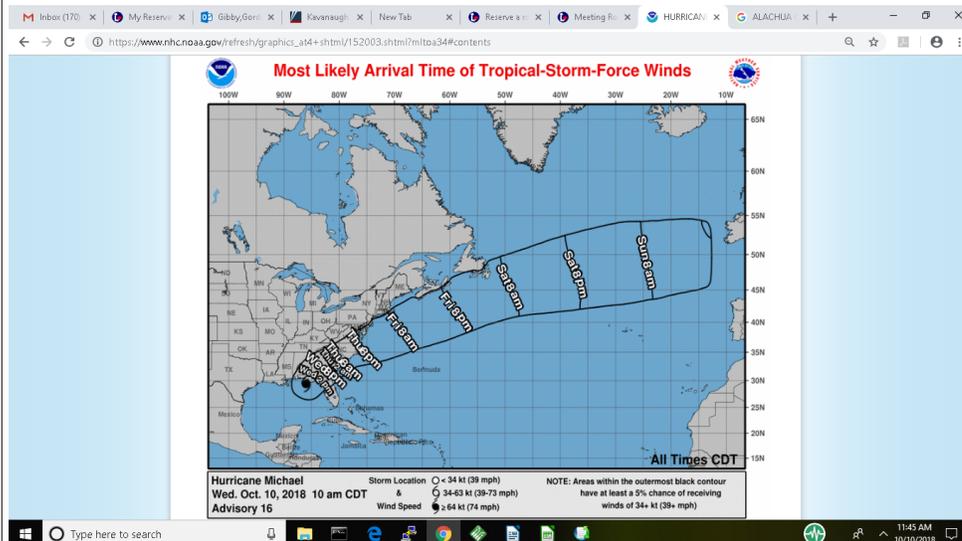
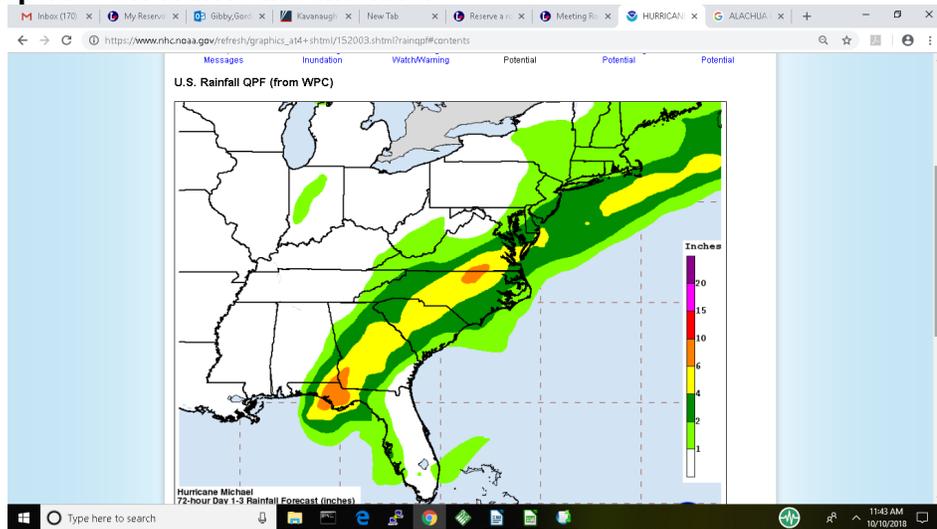
MINUTES OF SEPTEMBER MEETING:

<http://10.10.10/OCTOBER/Minutes09122018.pdf>

7:00
PM

Introduction & Guests Update on Hurricane Michael

Jeff Capehart
W4UFL



7:10	TRAINING: Review of the Tabletop Practice & what we learned	Leland Gallup AA36B Susan Halbert KG4VWI
7:20	TRAINING: Last minute updates on Saturday's Exercise http://10.10.10.10/OCTOBER/ICS 201 SET Oct 18 v. 10 October 2018.pdf http://10.10.10.10/OCTOBER/ICS 205 SET Oct 18 v. 10 October 2018.pdf http://10.10.10.10/OCTOBER/SET Oct 2018 Sept TableTop Lessons Learned.pdf http://10.10.10.10/OCTOBER/SET Oct 2018 Status as of 10 October.pdf ICS-201 (maybe an older version) ICS-205 (maybe an older version) Our Very First News Release!	Leland Gallup Susan Halbert
7:35	UPDATE ON NORTH FLORIDA MEDICAL CENTER It wen nowhere apparently....end of report!	Gordon Gibby
7:36	Current Status of EOC Radio Room / Antennas Ham radio station works!! Our Initial Assessment of the Antenna	Jeff Capehart
7:50	HFNets -- Procedures & Opportunities BREAK (between address & text // between text & sig) I SPELL I SAY AGAIN NO MORE; ONE MORE; MORE OVER ("your turn!") AFFIRMATIVE CONFIRM NEGATIVE ROGER ("I got it") GO AHEAD FIGURES INITIAL(S) MIXED GROUP AMATEUR CALL	Gordon Gibby

8:00	<p>GENERAL CLASS COURSE Review of plans</p> <table border="1" data-bbox="289 317 1252 831"> <tr> <td>2. Procedures & Practice</td> <td>[NEED A VOLUNTEER]</td> </tr> <tr> <td>3. Rules & Regulations</td> <td>Leland G.</td> </tr> <tr> <td>4. Components & Circuits</td> <td>Thomas G.</td> </tr> <tr> <td>5. Radio Signals & Equipment</td> <td>GordonG.</td> </tr> <tr> <td>6. Digital Modes</td> <td>Shannon B.</td> </tr> <tr> <td>7. Antennas</td> <td>Gordon G</td> </tr> <tr> <td>8. Propagation</td> <td>Susan H.</td> </tr> <tr> <td>9. Electrical Safety</td> <td>John T</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>NEED TO ADVERTISE THE COURSE!!!! First Day: Nov 17 EOC 8-7 PM Second Day: Nov 18 Gibby House 1-7 PM</p>	2. Procedures & Practice	[NEED A VOLUNTEER]	3. Rules & Regulations	Leland G.	4. Components & Circuits	Thomas G.	5. Radio Signals & Equipment	GordonG.	6. Digital Modes	Shannon B.	7. Antennas	Gordon G	8. Propagation	Susan H.	9. Electrical Safety	John T					Gordon Gibby
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8:10	<p><u>Brainstorming on February Emergency Conference</u> What should we go over? --- SEE HANDOUT</p> <table border="1" data-bbox="289 1320 1252 1831"> <thead> <tr> <th>2018 Conference Topic</th> <th>2019 Conference Topic</th> <th>Comment?</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>What Qualities Make Good Leadership</td> <td>Volunteer Ham Radio Team Building That Maximizes All Volunteers</td> <td></td> </tr> <tr> <td>Emergency Comm Scenarios -- the "What If" Approach</td> <td>Lessons from Cascadia Rising</td> <td></td> </tr> <tr> <td>Lessons from Puerto Rico</td> <td>Improvements since Puerto Rico in Ham</td> <td></td> </tr> </tbody> </table>	2018 Conference Topic	2019 Conference Topic	Comment?				What Qualities Make Good Leadership	Volunteer Ham Radio Team Building That Maximizes All Volunteers		Emergency Comm Scenarios -- the "What If" Approach	Lessons from Cascadia Rising		Lessons from Puerto Rico	Improvements since Puerto Rico in Ham		Everybody!					
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	Radio Training/Preparedness	
VHF GO BOX	same -- but perhaps hands on building?	
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Ad Hoc VHF Antennas	same -- but build many?	
Ad Hoc HF Antennas	same -- but mentor building by groups?	
Moving Traffic and teaching skills inARES Nets	<p>same -- but possibly much longer hands-on practice in competing teams? -- prerequisites viewing the training videos by Kate Hutton</p> <p>Possibly an introductory lecture breakout for people who haven't watched the videos</p>	
Digital Techniques for Heavy Hauling	<p>Split into</p> <p>a) Introduction</p> <p>b) building session \$20 TNCs</p> <p>c) building cables</p> <p>d) operating [multi hour breakout session]</p>	
Email Techniques VHF	Longer -- hands on training	
Email Techniques HF	Longer -- hands on training	
Hospital Emergency Comms	same -- but address the issues of HIPAA more	
Solar & other power systems	Replace with detailed demo and measurements of MPPT solar power system / inverter	

Working with your EOC	Similar	
Growing your Expertise -- ham radio classes	Coaching sessions with thumb drives of our ARRL-modified slides	
	SHELTER-A -- WIFI bulletin broadcast system (with available micro sd cards to take home)	
	Discussion of proposed new WIFI based survivor email system for isolated disaster areas like cities in Puerto Rico	
	Tuning a duplexer the easy way using a \$110 Chinese Spectrum Analyzer	
	Building your own "luggable" voice repeater	
	MESH Microwave connections for VOIP and WINLINK gateway connections	
Full Scale Exercise with multiple challenges and two competing teams	Full Scale Exercise spread out somewhat more geographically with two competing teams	
	Expanded discussion of how to plan, create and carry out Full Scale Exercises, including documents leaders can take home	
	Explain peer-to-peer WINLINK with demonstration	
	Neighborhood Ham	

		Watch -- how this works	
		Intorduction to Publicity / PIO	
8:20	Adjourn!		

WEB PAGE: <http://www.qsl.net/nf4rc>

NFARC: MULTIYEAR TRAINING PLAN:

<http://www.qsl.net/nf4rc/LongRangeMeetingPlans.html>

NFARC: 2018 Accomplishments:

<http://www.qsl.net/nf4rc/2018Accomplishments.html>