## North Florida Amateur Radio Club / AlachuaARES(r) – JULY MEETING

Tentative Program, Wednesday JULY 8, 2020 - ZOOM

Version 1.1 Monday July 6 2020

Version 1.2 Wednesday 7/8/2020 5:30 PM (Letter from Brady added)

# https://us04web.zoom.us/j/964853731

Jeff is handling the ZOOM-- click on the link above, or on our web page. . Many thanks to GARS for letting us use their account.

#### **Credit Where Credit is Due**

Many thanks to all those who served at our 2020 Field Day exercise:

NO5X – Planning Chief—ICS201!, Mesh, complete ARRL submission; W4UFL, KI4KEA,
KN4WIQ: PIO, brochures, press releases, fantastic press coverage, Photos, WX Alarm Radio;
KG4VWI: F&A, Radiograms galore!, Section Mgr Email; AA3YB, KN4TWS,K4ZSW:
Operations, MESH, fuel; KI4QBZ: Logistics, Canopies, Tables, Chairs, Porta Potty, Fans, Light,
where do I stop?; KN4TWS: 62 contacts & he was EVERYWHERE during setup; AA3YB 59
contacts; W4UFL 18 contacts & wise touches everywhere on the setup; K4DF 16 contacts (her
first field day and her first contacts ever?--and huge setup help also!); KN4WIQ 13 contacts (her
first field day???); W4JIR: 11 hard won SSB late on 20 meters & awesome slingshot form;
K4ZSW 8 contacts & ran MESH entire time; KI4QBZ made multiple contacts, didn't get credit
somehow – ON HF!!!; KM4EVZ 1 contact & a massive battery charger); Mike Shaffer, Hotspot,
moral support; KK4INZ working at home 60+ contacts & incredible press coverage; K4MVR:
huge satellite effort!; Bob Guertin – towing generators & FT8; – and probably several people
I've unfortunately missed (sorry!)

Many thanks also to our friends who served ably with the Gainesville Amateur Radio Society making SSB look easy up in Waldo! For those who have tried it.....that takes skill! They got a potential shelter turned into a hard-working ham radio station! Hooray for them!

Time	Item	Presenter	
6:30 PM	Informal Get to see folks and get your ZOOM working  Jeff Capehart		
7:00-7:10 Introductions! Zoom & Otherwise Jeff Capehart (5 min)		Jeff Capehart	
FIELD DAY AFTER ACTION REPORT HOT-WASH DISCUSSION  1. REPORTS FROM SECTION CHIEFS			

#### 2. INPUT FROM EVERYONE ON WHAT WENT WELL, WHAT NEEDS WORK ETC.

7:10-7:13	<b>PLANNING</b> – all the way from the initial Planto the	John Trites NO5X
3 min	eventual Score Submission Report (explanation of what we had	
	to submit etc)	

7:13-7:16 3 min	LOGISTICS - venue, tents, et	Rosemary Jones KI4QBZ	
7:19-7:21 3 min	OPERATION managed and s (Please let Earl MESH network	Leland Gallup AA3YB assisted by Earl McDow K4ZSW Wendell Wright KN4TWS Jim Bledsoe KI4KEA	
7:16-7:19 3 min	PIO Brilliant S	Successes	Jeff Capehart W4UFL Jim Bledsoe KI4KEA Carolyn Tann-Starr
7:19-7:21 3 min	Wrapping up the Finance & According Please also expression BONUS POIN	Susan Halbert KG4VWI	
7:30-8:30 1 hour	OPEN DISC WHAT NEE SUGGESTIC (Be thinking of sections NEXT place.") – all o team effort	Rowdy group moderated by Gordon Gibby KX4Z	
	Position	Task, in general	
	Incident Commander	Encourage the heck out of leaders and participants to bring out the best in everyone; be responsible for everything being ON TRACK	
	PIO	Get the publicity done!! Develop relationships with local media representatives	
	Planning		

	Operations	Plan for, and manage the entire Field Day operation, including systems, technology, scheduling, points – everything.	
	Logistics	In charge of GETTING THE ASSETS THERE AND BACK SAFELY – thinks through EVERYTHING needed, not only the radio gear but the creature comforts	
	Finance & Accounting	Handle payments and keep track of expenses, costs, donations	
8:30-8:32 2 min		GENERAL CLASS COURSE ING & VOLUNTEER INSTRUCTORS** UDY	Gordon Gibby
	WHEN	September sometime	
	Preparation	Have students work thru the texts in advance	
	WHERE	?? EOC vs. Gordon's house??	
	WHAT	?? ARRL Text https://www.amazon.com/ARRL-General-Class-License-Manual/dp/162595106X  SLIDES AVAILABLE: https://www.dropbox.com/sh/ sy66z78v4uk1mpj/ AABhwCuuEr10qnqEqhWVdnFJa?dl=0 Gordon has downloaded all the ARRL Slides (updated for current test) – these are JUST the FCC questionsand answers. Instructors might wish to add considerably to these	
	WHO	Need Instructors. Instructors are asked to study their area and be prepared to teach and explain! In general this is how we assist new leadership to develop some expertise These general areas for instructors are:  Procedures & Practices	

	Rules & Re	gulations	
	Components	_	
	Radio Signa Equipment	als &	
	Digital Mod	les	
	Antennas		
	Propagation	ı	
	Electrical & Safety	z RF	
8:32-8:33 1 min	Report on Beaty Tower Rep	pairs	Susan Halbert Jeff Capehart
8:33-8:35 (30 sec each)	Status reports NEWB Node – Gordon Gibb DARK Node – Mike Shaffer Gainesville Winlink Gateway KX4Z HF Gateway – Gibby New Gateway: KN4YTG La Possible need for new east G	Gibby, Shaffer, Guertin	
8:35-8:40 5 min	Badges & Cards // Credent move into Hurricane Season	Leland Gallup AA3YB	
8:40-8:43	ANNOUNCEMENTS:	Gordon Gibby KX4Z	
2 min	1. Upcoming Digital Cable LunchNLab – Burger King SATURDAY AUGUST required)	S	
	2. HF STATIONS AVAILA sideband/cw (could be used f whole or in part for a 6 month that they get used rather than Gibby		
	3. New Push to get MORE Of to serve locally requires a checks, badging by county.		

<b>4. G-300 AT OUR EOC:</b> Tuesday July 28- Thurs Jul30 — only FOUR registered so faaar — JUMP on this chance to do G-300 — a GREAT course — at our own EOC. Get on SERT TRAC to schedule or contact Dalton Herding.		
	<b>5. G-400</b> at our own EOC – Tuesday Oct 27 – Wed Oct 28 – JUMP on this chance to take ICS400 right here in Gainesville. Get on SERT TRAC to schedule or contact Dalton Herding.	
	SERT TRAC: https://trac.floridadisaster.org/TRAC/loginform.aspx	
8:45	ADJOURN	

# **REVIEW OF ACCOMPLISHMENTS SO FAR THIS YEAR**

Jeff suggested that we have a printout of a table of the goals that we set back in December and where we are with them. This is my effort to provide that information.

No.	Item	Voting Points Revd	Progress So far
1	EOC Equip/Ant	29	Huge Progress Amplifier for EOC was finished and delivered and subsequently used often. New radio equipment + accessories were obtained for the EOC and subsequently used often.
2	LnL: AC Choke (FT-240-43 core)	27	Success! LabNLunch for this activity was held the first week of February with successful outcomes. Document written on how to build these: <a href="https://qsl.net/nf4rc/2020/LabNLunchACCommonModeChoke.pdf">https://qsl.net/nf4rc/2020/LabNLunchACCommonModeChoke.pdf</a>

3	ARES Task Book	26	Huge Effort, significant participation Incredible effort to push this Section-requested activity resulting in multiple local sign-offs, including one person or more all the way to Level III and Evaluator; others on the way. (I don't have a full listing)
4	Solar Power	26	Huge effort but limited participation Gordon pursued this with vigor for the Field Day and created a mount on a pickup truck for two panels with two modest MPPT Chargers and it was used to get our solar points. Training session was held on how to operate it.
5	Trailer Tower	26	Creat Progress but unfinished  LabNLunch was held with the creation of the basic trailer, after it was purchased. Bearings were checked, greased, adjusted. Tag obtained.  Work on the tower placement has made it to the drawing stage but so far not further.

6	Rapid Deployment	26	EXERCISE COMPLETED A full Saturday exercise was held on this goal, but complicated by concerns for COVID-19. Two persons (Gordon / Leland) participated at a public location; a couple more participate at home (Ridlon, Fugate, others?) This was very controversial at the time, because we were very early in the COVID-19 concern.
			There are multiple other photos; an article documenting our success was published in the Section Newsletter: <a href="https://arrl-nfl.org/wp-content/uploads/2020/04/00-QST-NFL-April-2020.pdf">https://arrl-nfl.org/wp-content/uploads/2020/04/00-QST-NFL-April-2020.pdf</a> Alachua County Conducts Last "Saturdays-in-the-Park" Exercise For A Long While
7	Park Antenna AM	25	Done in conjuntion with the rapid deployment exercise in March https://arrl-nfl.org/wp-content/uploads/2020/04/00-QST-NFL-April-2020.pdf Alachua County Conducts Last "Saturdays-in-the-Park" Exercise For A Long While
8	EOC Field Day	25	A stunning success with a complete ICS-201, common operating picture, section chiefs, many newer persons getting their first taste of operating advanced stations, fantastic MESH network spearheaded by Earl, John, Leland, Wendell. Success! With the generators, reduction of noise, band pass filters, mesh radiograms – huge training win and asset creation win for our group
9	LnL: Common Mode meter	25	Not yet done
10	Digital 101	25	Not yet done
11	More NTS/Traffic	23	Pursued well.  Quarterly training held at the May meeting, discovered many people cannot hit more than 1

			repeater. Very significant participation from our group in the Saturday Morning NFL ARES net control station training provided by Dave Davis (Wendell, Leland, Susan, Gordon, Brad)
12	Go box tuner/Arduino	23	Not yet done
13	Tech Class	22	Not yet done
14	Gen Class	22	Planning included in the July meeting
15	Sat/Space Antenna	22	Multiple satellite antennas constructed by John Trites / Mike Ridlon for the Field Day effort with successful capture of satellites, but not transmissions thru them.
16	EZNEC ant sims.	22	Not yet done (that I know of)
17	MESH Refresher	22	HUGE EFFORT led by John Trites, with Leland Gallup and Earl McDow – considerable familiarity gained with these systems, and a complete working 200+ yard mesh network used successfully at the Field Day effort.  Gordon learned how to make KISS work over the mesh system and also how to provide a KISS port on a linbpq WINLINK gateway, allowing this to be a successful radiogram transmission technique for our Field Day  Need to have a formal training on this.
18	QRP Amplifiers	17	Not yet done
	APRS (which I had forgotten on the listing)		USB GPS delivered to Vann. Further progress unknown

# BOTTOM LINE @ JULY 1:

- 19 Projects proposed for the year
- 11 Projects either completed or very significant work accomplished
- 7 Projects either not started or just in planning stage

And.... a HUGE Emergency Communications Conference was carried out at the end of February [not listed in the above projects for the year ] with 50+ participating, full support of the Division Director, and a resulting published text of training materials: <a href="https://www.amazon.com/Amateur-Radio-Emergency-Communications-Conference-ebook/dp/B0845TFG3F">https://www.amazon.com/Amateur-Radio-Emergency-Communications-Conference-ebook/dp/B0845TFG3F</a>

and with a full write up in the Section newsletter:

https://arrl-nfl.org/wp-content/uploads/2020/04/00-QST-NFL-April-2020.pdf

"Florida Emergency Communications Conference Holds One of Largest Amateur Radio HSEEP Exercises This Year"

Little did we know at that time that it might be the ONLY Amateur Radio HSEEP Exercise this year....

Abo			ossibly QRP amplifiers if below that cliff also) and e sorta in a no-man's land
19	School club mentoring	16	
20	Legal limit watt meter	16	
21	Ubitx w/Cabinet	15	
22	Manpower electricity	15	
23	P SPICE sims	14	
24	Santa Grams Telegr	10	

### **APPENDIX:** Email Letter / Opportunities For Helping EOC with Simple Tasks

On Wed, Jul 8, 2020, 15:03 Brady Nettina < <a href="mailto:bnettina@alachuacounty.us">bnettina@alachuacounty.us</a>> wrote: Good Afternoon Leland,

Thank you again for being so willing to support the EOC. Some of the potential needs of the EOC are:

- Surplus tagging equipment. All County property, when it is no longer in use, must be sent to the surplus warehouse to go to public auction. As I am sure you have noticed, we got new chairs in the EOC. All of the old chairs are currently stashed away in another County building, waiting for the warehouse to start accepting surplus items again. Each chair has to be tagged individually to be sent to the surplus warehouse
- **EOT binders**. When the EOC is activated, each function in the EOC is staffed by a member of our Emergency Operations Team (EOT). We are planning to give each function a standardized binder, and will need help stuffing the binders.
- **Shelter binders**. Similar to the EOT binders we are planning to provide each potential shelter with a binder full of resources. These will be slightly more individualized, as the binders will have facility specific information in them. We will need assistance stuffing these binders as well.

More volunteering opportunities will likely present throughout the year. We really appreciate the support – we know these are menial tasks, but we wouldn't be able to function effectively without them being done.

Thank you,

**Brady Nettina** 

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