

Item#	Submitter	Things that worked well	Issues	Comments
PLANNING BEFORE DRESS REHEARSAL				
1	GLG	The Incident Action Plan gave an incredibly helpful list of who needed to do what when – most detailed plan for a field day I’ve ever seen.		
2	GLG	There was LOTS of input into the Planning process.	We probably should have come out with a “final” version of the document at some point...	
3	From JC		Perhaps we should have had an executive summary or used an ICS-204 to break out the tasks for each Chief?	Our first time doing this for this large an operation.
DRESS REHEARSAL				
1	GLG	Just HAVING a dress rehearsal was one of the best things we did – championed by John Trites based on his experience out west.		HUGE CONCEPT that made things go far better for us, particularly since we’d never done this before, and were trying SO MANY new things...
2	GLG	Multiple issues were detected and virtually all were addressed		Some more successfully than others.
PLANNING AFTER DRESS REHEARSAL				

1	GLG	The Incident Action Plan gave an incredibly helpful list of who needed to do what when	1. Some people weren't following it and some items got missed (invites to officials, anyone?) 2. It didn't give enough specifics – like send PDF Files that accurately prove each individual bonus area.	1. Need to get General Staff to review their sections more often. 2. Improve the writing so it is more specific on <u>how to properly document and forward documentation for each area</u> . Elg, need pdf? Need actual database files from N3FJP? 3. Would ICS-204 specific for each Chief be more useful?
2	JC		Documentation lacked bullet points / easier to digest	Consider Appendix with bullet points, or ICS-204 or pre-document Executive Summary??
3	JC	People will only read what is in the TEXT of an email		Put the important stuff in short phrases in text of emails.
4	GLG	We got lots of new people more experienced at HF and digital operations.	We didn't get them in there for a long time, and we didn't get much done on CW or Phone or any other mode than FT8	Need more training on other modes before next time.
5	GLG	There was a HUGE amount of help toting stuff to and from the site – Rosemary brought a ton, Wendel / Bob G. brought the generator trailer	Gordon seemed to have a LOT to bring....	Can we even out these assets some way? Gordon isn't going to be able to keep up this lopsided support effort for long....
6	JC		People had difficulty reading online plan....at the site.	Need the important parts on a BULLETIN BOARD of some sort... Needs to be rain-protected
7	JC	Online training on raspberry pi gateway (Beatty/deployable)	Some participants felt it was over their heads.	?? Spend more time teaching this? ?? Give away copies of the book I wrote on it? ?? Cache the system with Susan / then rotate to new person every 4 months and let several people learn how to deploy?

PUBLICITY				
1	GLG	WE GOT GREAT TV COVERAGE – it is even listed on the ARRL national “media hits” page.		Jim Bledsoe arranged the invites to the media, the press release and WOW! Did he get a response!
2	JC		We didn’t get Gainesville Sun	Wonder why??
3	GLG/ JC	Homemade brochure	Didn’t fold perfectly Paper wilted in the humidity – the GARS brochure was on cardstock and did better	Improve handout, improve printing?
4	JC		Covid-19 may have kept people from visiting	
5	JC		Did have signs along the sidewalk to explain what we were doing	Make real-estate type signs?? Kinkos??
LOGISTICS				
1	GLG/ JC	Porta Potty and cleaning worked well. – handwashing worked WELL. Rosemary got some attachments, Judy provided the hose (THANKS to both!!)		Should we cache these kinds of things with Rosemary for the next Logistics Chief to use?
2	GLG	Rosemary had a wireless mouse that made a huge improvement for the logging computer in the Trailer	The ACER logging computer and occasionally the HP communications computer touchpads wouldn’t work when RF was flowing.	Probably need to get some more wireless mice....

3		The PIO tent was a HUGE HIT		Provided by Rosemary –
4		The FAN in the PIO tent was absolutely fantastic		We need FANS!!
6		The LIGHT in the PIO tent worked extremely well – LED		Provided by Rosemary – she seems to have a KNACK for thinking of everything needed “furniture-wise” for a deployment. GO ROSEMARY!!
7		The little generator that ran the fan and light in the pio tent did very well		?? whose generator?
8		<p>A LOT of people brought gasoline – we had an abundance!</p> <p>And we had extra generators!</p>	<p>But... Gordon ended up having to bring an enormous amount of equipment – so much that I couldn’t even remember where I had put the voltmeter and grounding lug connections later....</p> <p>It was so much that if Earl hadn’t taken on multiple computers and mesh gear off my load it would have been nearly impossible to even track.</p> <p>This is a real problem for me....I just can’t keep providing multiple trailer loads of gear, even with the incredible help people provided to trailer it there for me... merely packing and unpacking is LOT of work.</p>	<p>How can we spread out the load of RADIO ASSETS so that we have a more balanced distribution of assets to bring to the mission?</p> <p>Deployable winlnk gateways Mesh gear Go-box radios Amplifiers Travel Trailers Trailers Voltmeters Chargers Solar power charging equipment Inverters Power measuring equipment tuners SWR meters Coax Antennas Slingshot gear</p>
9	JC		Inadequate table space for brochure – Jeff had	?? Next year plan for 3 or more tables for this important function?

			an extra table	Distribute the load – Rosemary CANNOT bring everything?
10	JC	PLACARDS for the stations and others were useful – made by Jeff		Capture the FILES used to make these as PDF and store them on a thumbdrive for next Field Day??
11	JC		SPACE during thunderstorm was limited – forced people very close.	?? more options for next year? Go into vehicles?
12	JC		Signage got wet during rain	Water-protected signage?
13	JC	AC in the travel trailer was very welcome		
14	JC	We had plenty of chairs!!		Good job, Logistics!!
15	JC		Difficult to measure power usage	1. kill-a-watt device? 2. Gibby finish 12V power measuring/backup system? 3. LABEL AC devices with their power usage?

OPERATIONS

1	GLG	Logging software worked flawlessly except when the wifi at the EOC burped. The backup system appeared to be well done		Earl did a fantastic job setting all this up.
2	GLG	MESH SIGNAL LEVELS Inside building transceiver, pointed toward trailer and outside pointed toward trailer (NOT at each other) – BOTH had detectable signal, and despite being off the SIDE of each other’s antenna, they also had fine signal to each other.		The mesh was a huge success.
3	GLG	The microwave MESH	The wifi connection	Think we need either large

		system worked INCREDIBLY WELL	into the radio room failed when the power jiggled during the thunderstorm and had to be reset	capacitor or batteries on the Tenda WIFI power lines and/or the mesh POE power lines – there was a UPS on those systems and we STILL had disconnections at the WIFI level (not at the MESH level)
4	GLG	RADIO FREQ QRM I really didn't hear any RFI from even the inverter generator with the MIF23 filter added-- we may have made a major step forward here.		Unfortunately I didn't test this extensively either, but I'm pretty sure I ran 80 meter digital from 5AM onward and I think I was on the inverter generator
5				
6		Solar panel charging worked, but couldnt get past about 10 Amps on each battery (20 A total and only when STRONG SUN available) We had about 3 other working chargers total of max 30 A The industrial strength charger that Duke brought could do one battery at 30A and this added huge to our capabilities	We needed more charging capability. The little MPPTs did ok at 10A but we had more power than that available from the panels, that never got used...	Buy better MPPT or additional of existing units???
7		The homemade panel mounts on the truck worked well,	But they take a bit to assemble!!! And I couldnt get into the truck storage compartment with the forward solar panel installed so I couldn't get to the jumper cables Also difficult to reach things that shifted forward into the truck	How can we make this more simple / more durable? ??Mount on our Tower Trailer??

			bed.	
8	JC		Multitude of DIFFERNT Chargers	?? how to standardize or train?
9	JC		Limited ability to know which batteries were charged	?? Have a Charged/ InUse/ Discharged tag??
10	JC		Very limited number of voltmeters available	Provide voltmeters or have every deploying ham bring one??
11	JC		WEATHER WATCH RADIO – only jeff thought to bring one – and it had a dead battery	1. Arrange for batteries to be checked before hand? 2. Add weaather radios to planning? 3. Purchase additional one?
12		GENERATORS Gasoline usage for the entire period to operate the trailer was somewhere around 13 gallons		Much less than what I had expected. I think the inverter generator helped with this.
13		We had TWO generators, and we needed them!	The conventional generator occasionally would “glitch” even tho new fuse added.... Temp. failure of automatic voltage reugulation? – Circuit breaker had already been changed to 30A and was NEVER popped when this happened...	May need a 5kw conventional generator.... Can we get SOMEONE ELSE to provide assets for this next time??
14		WINLINK DEPLOYED GATEWAY	VERY FEW HOTSPOTS AVAILABLE – <u>having to use mine for the gateway hotspot meant it was much more difficult for me to take photos and keep in touch with people trying to reach me (listed as media contact!)</u>	How can we solve this? AT&T has pay-as-you-go plans that are as cheap as \$25 for hotspots... should we get this going and then just activate for field day?

			When I'm the only one with a particular resource it can be a problem...	
15	GLG/ JC	WINLINK DEPLOYED GATEWAY	Not Waterproof	How to protect from the elements??? Pelican Case?? Get it inside a vehicle next time?
16	JC	WINLNK DEPLOYED GATEWAY	No way to easily turn all on and off	Add ON/OFF switch? Add inverter to provide 120 AC? Add 24V output for mesh?
17	JC	WINLINK MESH	Problems with DHCP delivery – required turning on MESH well in advance, then wifi,	Can this be improved? Two switches, or instructions, or some way to make it more reliable?
18	JC		Limited range of VHF station – Beaty still down	Needs higher antenna? Might could have used EOC antenna,? Not enough people skilled at high perch placement?
19	JC		Sheriff GoBox has N Connector for ham radio output – makes for more loss or risk of not having right thing (box does include a cable, but no barrel connector)	?? Add adapters or barrels double-females? Add mag mobile antenna or something with each box?
20	GLG	Introducing new operators. We did pretty well at this with about 9-10 total operators – required a LOT of urging – Wendell is very good and non-threatening mentor	Need training BEFOREHAND on things like SSB procedure and FT8 software.	?? More meeting time allocated next year beforehand to training techniques?
21	GLG	Wendell's Icom 746Pro worked VERY well in the travel trailer		Thanks for volunteering it!
22	GLG	Two smaller laptops fit on the table in the trailer.	Had to run cables across the floor, cover with a rug.	

		WIRELESS MICE were essential and touchpads were sometimes affected during transmitting with bad results.		
23	GLG		Entry stairs to trailer were dangerous. Gordon did a complete somersault hitting the ground.	Replacement set of stairs ALREADY ORDERED.

FINANCE & ACCOUNTING

1		Our “donations accepted” method of paying for items appeared to work well.	I worry that some hyper-responsible types feel they are personally responsible if donations don’t show up	NEVER FAIL TO ASK FOR WHAT YOU NEED!! “Ask and ye shall receive” – good advice.

PLANNING AFTER EVENT

1	GLG	John Trites got everything organized very efficiently and dealt very well with the confusing ARRL interface. He was very clear on exactly what he needed.	We had some difficulties getting people to send in the format he requested (PDF). Mainly a lack of practice with free office software	?? Shall we have a training session on PDF? ?? Worth it for us to purchase one copy of ADOBE so we can edit PDFs and give to the Planning Chief each year?