

INCIDENT BRIEFING (ICS 201)

1. Incident Name:
NFARC/ARES Field Day 2023

2. Incident Number:
005

3. Date/Time Initiated:
Date: Time:

4. Map/Sketch (include sketch, showing the total area of operations, the incident site/area, impacted and threatened areas, overflight results, trajectories, impacted shorelines, or other graphics depicting situational status and resource assignment):

VETERANS MEMORIAL - ALACHUA COUNTY - 7400 SW 41st Place, Gainesville FL



(VIEW IS TO THE SOUTH FROM THE NORTH)

Ant #1 - 135' OCFD / 4:1 Guanella, balun up tower - goes north and south of tower (all bands)

Ant #2 - Approx 58 feet center fed window line - tuner at base of tower; offset antenna with rope to the EAST 60+ feet to reduce coupling to other antennas; 107 feet 300 ohm window line.

(40/20/15/10) ((W8JI antenna plan))

Ant #3 - EFHW 65foot / 49:1 FT-240-43 or 36:1 FT-240-52 balun at west tree -- coax goes up, over to roof timers west side of building, along back wall -- terminate with 60+ feet rope to tower to reduce coupling (40/20/15/10). Dog leash ground; 7 foot ground wire to place balun in plastic box tied to tree trunk. Minimize coupling between coax feed and vertical section of antenna if possible.

Ant #4 EFHW 135' / 49:1 FT240-43 balun from mast to tree All bands

GOTA: EFHW / either 49:1 or 9:1 at base of tree opposite GOTA Trailer, short coax high across to trailer (All bands) [versus lower-loss 40/20/15/10 sloping OCFD vertical]

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Administration Building, Veterans Memorial - Continuity of Operations
Option for Emergency Management, equipped with transfer switch to run entire facility.

5. Situation Summary and Health and Safety Briefing (for briefings or transfer of command):
Recognize potential incident Health and Safety Hazards and develop necessary measures (remove hazard, provide personal protective equipment, warn people of the hazard) to protect responders from those hazards.

Field Day Executive Summary
ARRL Field Day @ Alachua County EOC: NF4AC EOC Club Call Sign
 Note that there are at least TWO groups holding Field Day in Alachua County. This information is for the ARES/NF4RC/NF4AC group. The Gainesville Amateur Radio Society will hold their excellent Field Day in Waldo, Florida. Further details on that effort: <http://gars.club/>
(requested in previous Improvement Plan)

[SIGN UP FORM FOR ALL VOLUNTEERS](#)

OPERATOR SCHEDULE

<https://qsl.net/nf4rc/2023/SuggestedOperatorVolunteerManagement.pdf>

June 24, 25 2023 Sat/Sun 2PM - 2PM (or less) Field Day is always the last FULL weekend in June.	EXCHANGE: NF4AC 4F NFL GOTA STATION NF4RC 4F NFL	Onsite setup begins: FRIDAY - Tower Setup Earlier; Antenna Setup 6PM SATURDAY - Station Setup 0700 due to LOWER TEMPERATURES
MARC UNIT for Antenna Support (THANKS!)	LOGISTICS prepares and supervises all equipment to/from site.	OPERATIONS supervises all functions of running the operation.
UNIT LEADERS for each Station ("Station Captains") <i>Setup Radios</i>	1 Free VHF transmitter -- work 6M/2M etc. Also use to move bonus radiograms to local VHF RMS	Free Satellite Station - try to get bonus points

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4 Total HF Transmitters <i>Attempting uniformity of all 7300s but you can always bring your preferred radio</i>	Try every band from 160 to 2 meters! Try every mode you wish.	All bonus point photo documentation goes to Documentation Email TBA
SAFETY CONSIDERATIONS		
THE PUBLIC	Publicly Accessible Site - Protect all cables, wires etc at main unit to avoid accidents from Public. ANTENNAS ABOVE REACH HEIGHT	
SUN	Avoid sunburn and over-heating. Use sunscreen, cover, hats, and drink lots of Fluids	
RESTROOM	Park Restroom; Trailer Restrooms / Safe water	
OVER STRESS INJURIES	This is a FUN event. Plan ahead and limit your efforts on the day of the Event to what is SAFE for your body!! Don't hesitate to "take a break."	
Fire / Explosion / Electricity	Fire Extinguishers near Generators / Fuel. Great Care Exercise great care with electrical cables. Protect connections against sitting in rainwater.	
SECURITY	Lock vehicles / structures if not attended. Kensington lock computers accessible to public. Avoid leaving valuable out in sight. (No firearms in Government building.)	
6. Prepared by: Name: g. gibby _____ Position/Title: planning _____ Signature: /s/ _____		
ICS 201, Page 1	Date/Time: 5/15/23 Lightning Protection Updates & mice etc _____	

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<p>7. Current and Planned Objectives:</p> <p style="margin-left: 20px;">A. Safety for All.</p> <p style="margin-left: 20px;">B. Have fun and learn!</p> <p style="margin-left: 20px;">C. Hone your skills at all things RADIO COMMUNICATIONS!</p> <p>Here are some items you might personally try at this Field Day:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Guide the public around and introduce ham radio! <input type="checkbox"/> Learn how to use a slingshot or "potato rifle" <input type="checkbox"/> Make FT8 Contacts <input type="checkbox"/> Make RTTY Contacts <input type="checkbox"/> Make SSB Contacts <input type="checkbox"/> Compose, post and send a radiogram as part of our bonus points. <input type="checkbox"/> Make a contact using a band or mode you've never tried before 		
8. Current and Planned Actions, Strategies, and Tactics:		
Time:	Actions:	
In Advance	Advance Training: https://qsl.net/nf4rc/2023/FieldDay2023/AdvanceTraining.pdf	
Throughout	PIO ACTIVITIES / DUTIES: https://qsl.net/nf4rc/2023/FieldDay2023/PIOActivities.pdf	
Throughout	SAFETY OFFICER DUTIES: https://qsl.net/nf4rc/2023/FieldDay2023/SafetyOfficerActivities.pdf	
Throughout	Pre-Event Incident Commander See: https://qsl.net/nf4rc/2023/FieldDay2023/SuggestedIC.pdf	
Throughout	Pre-Event Operations Chief See: https://qsl.net/nf4rc/2023/FieldDay2023/Operations.pdf	
Throughout	Logistics Chief	
6 weeks in advance	<ul style="list-style-type: none"> ■ Incident Commander - Register the Field Day location with the ARRL Field Day Locator Page: http://www.arrl.org/field-day-locator [Gordon has done this - March 2023] 	
4 weeks in advance	<ul style="list-style-type: none"> <input type="checkbox"/> Incident commander: Verify County Load testing performed per schedule. ARRL needs only test records. Preserve documentation to DOCUMENTATION UNIT 	
Friday Evening Jun 16	<p>Dress Rehearsal Antenna Installation 6PM-8PM Gibby back yard (All antennas should already have been constructed and rolled up on reels) Note suggested Veterans Memorial Installation: SuggestedAntennaRaisingPlans Note detailed information on each antenna: https://qsl.net/nf4rc/2023/FieldDay2023/AntennaDetailedInformation.pdf Note lightning protection: https://qsl.net/nf4rc/2023/FieldDay2023/LightningProtection1.pdf Detailed Interactions Testing: HF Antenna Interactions Measurements: https://qsl.net/nf4rc/2023/FieldDay2023/HFAntennaInteractions.pdf</p>	

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Saturday morning June 17	DRESS REHEARSAL 0800-1200 - Full setup and practice "hunting" POTA LUNCH AFTERWARDS -- WENDY's I75 / 39th Avenue																		
Thur Even. Jun 22 8 PM	<input type="checkbox"/> VHF NET																		
FRIDAY Jun 23	<p>Installation of MARC UNIT-- Confirmed! Expect 50 feet height Antenna Lines Installation - 6 PM - DO NOT FORGET ARRL BULLETIN CAPTURE! SuggestedAntennaRaisingPlans Note detailed information on each antenna: https://qsl.net/nf4rc/2023/FieldDay2023/AntennaDetailedInformation.pdf See Volunteer List: https://qsl.net/nf4rc/2023/SuggestedOperatorVolunteerManagement.pdf</p> <p>LIGHTNING PROTECTION -- see https://qsl.net/nf4rc/2023/FieldDay2023/LightningProtection1.pdf</p>																		
Friday Afternoon & Evening FIELD DAY MESSAGE POINTS	<p><input type="checkbox"/> OPERATIONS: DIGITAL BULLETIN (BONUS POINT) OPERATIONS to coordinate having this message captured transmitted at 9 pm Eastern -</p> <ul style="list-style-type: none"> • FREQUENCY: 3.5975, 7.095, 14.095. THESE ARE CENTER FREQUENCY OF TRANSMISSION ITSELF! So for example, if using upper side band, set your DIAL at 1 kHz lower and expect their transmission at 1kHz on the audio spectrum. • MODES: In this order: 45.45-baud Baudot, PSK31 in BPSK mode and MFSK16 THEY DON'T ALWAYS SEND ALL VERSIONS. UNLIKELY TO GET TO THE MFSK16 USE THREE RUNNING COPIES OF FLDGI, EACH SET TO DIFFERENT MODE SIMULTANEOUSLY. <p><input type="checkbox"/> OPERATIONS: SSB BULLETIN (BONUS POINT) OPERATIONS to coordinate having this message captured at 9:45 PM Eastern - 3.990, 7.290, 14.290 (Note the 7.29 is full AM with carrier!)</p> <p><input type="checkbox"/> Email the text of the bulletin to DOCUMENTATION UNIT. We have to submit the TEXT that you copied. PDF: https://qsl.net/nf4rc/2021/W1AWFieldDayBulletinBonusPoints.pdf</p>																		
SATURDAY - JUN 24																			
Saturday (6/24) 7:00 – 10:00	<p>SATURDAY MORNING SETUP 0700 -- SAFETY OFFICER OVERSEEING See volunteer list: https://qsl.net/nf4rc/2023/SuggestedOperatorVolunteerManagement.pdf</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 25%;">Station Function</th> <th style="width: 45%;">Radio Provision</th> <th style="width: 30%;">Comments</th> </tr> </thead> <tbody> <tr> <td>HF #1 Station</td> <td>EOC 7300 w/ Computer/ footswitch</td> <td></td> </tr> <tr> <td>HF #2 Station</td> <td>Huckstep 7300 (gobox) includes VHF, computer</td> <td>VHF may be useful</td> </tr> <tr> <td>HF #3 Station</td> <td>Wright 7300 (use 2nd computer from EOC)</td> <td></td> </tr> <tr> <td>GOTA / HF #4</td> <td>Travel Trailer: Gibby 7300</td> <td>multi-use</td> </tr> <tr> <td>6 Meter</td> <td>Fugate 7300 (FREE VHF STATION)</td> <td>(computer?)</td> </tr> </tbody> </table> <p>Attempting to provide standardized radios for ease of participants. Participants are ALWAYS free to bring their OWN preferred radio and connect to our coax / logging computers. Expect to have some 2M radio at the 6 meter station - capable of timely sending of visitor Winlink messages -- Can only use ONE vhf radio at a time (free VHF radio rule)</p> <p>SOLAR POWER OPERATIONS: TO BE DETERMINED</p>	Station Function	Radio Provision	Comments	HF #1 Station	EOC 7300 w/ Computer/ footswitch		HF #2 Station	Huckstep 7300 (gobox) includes VHF, computer	VHF may be useful	HF #3 Station	Wright 7300 (use 2nd computer from EOC)		GOTA / HF #4	Travel Trailer: Gibby 7300	multi-use	6 Meter	Fugate 7300 (FREE VHF STATION)	(computer?)
Station Function	Radio Provision	Comments																	
HF #1 Station	EOC 7300 w/ Computer/ footswitch																		
HF #2 Station	Huckstep 7300 (gobox) includes VHF, computer	VHF may be useful																	
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GOTA / HF #4	Travel Trailer: Gibby 7300	multi-use																	
6 Meter	Fugate 7300 (FREE VHF STATION)	(computer?)																	

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	<input type="checkbox"/> OPERATIONS Setup crew Check-In Station <input type="checkbox"/> OPERATIONS: UNIT CHIEFS supervise installation of radios, antennads, feedline, tuners, logging laptops. (GOTA Station Unit Chief handles installation of trailer as well.) <input type="checkbox"/> OPERATIONS: Setup crew Testing: Station 1 Station 2, Station 3 , GOTA and Satellite Radio Systems for planned bands and operating modes: CW, SSB Phone, and Digital (FT-8, FT-4, other) Verify that the radios, computers, logging all works. <input type="checkbox"/> OPERATIONS: HF Antenna Interactions Measurements: https://qsl.net/nf4rc/2023/FieldDay2023/HFAntennaInteractions.pdf		
SAT 0900	Unit Leaders test out each station.		
SAT 0930	Antenna Interference Testing coordinated by Operations Chief See: https://qsl.net/nf4rc/2023/FieldDay2023/InterferenceMitigation.pdf		
Saturday 6/27 10:30 - 12:30	SATURDAY MORNING FORMAL EDUCATION (Bonus Points Activity)		
	TIME / LOCATION	TOPIC	INSTRUCTOR
	1030 MARC UNIT	Purpose, use & capabilities of the MARC Unit	District Fire Chief Kevin Rulapaugh KE4NVI NCS180
	1115 Main Operating Room	Disaster Outbound H&W Traffic Management <div style="border: 1px solid black; padding: 2px;">Write radiograms to get the BONUS POINTS</div>	Gordon Gibby
1145-12:30	Review of Public Tours / Welcome Station	OPERATIONS CHIEF	
12:30- 1315	BREAK AND LUNCH AFTER SETUP <input type="checkbox"/> OPERATIONS: Lunch TBD <input type="checkbox"/> SECURITY DURING LUNCH: TBD		
13:30	<input type="checkbox"/> OPERATIONS: BRIEFING Operating and Networking CheatSheet https://qsl.net/nf4rc/2023/FieldDay2023/SSBContactSuggestions.pdf (includes information on recording canned texts on the ICOM 7300 -- you will want to record YOUR OWN VOICE using the microphone you're going to use so it sounds "right") https://qsl.net/nf4rc/2023/FieldDay2023/CWContactSuggestions.pdf (includes rig frequency tuning information) https://qsl.net/nf4rc/2023/FieldDay2023/PSK31RTTYContactSuggestions.pdf (updated to include network logging and rig connect setups) https://qsl.net/nf4rc/2023/FT8FT4ContactSuggestions.pdf (updated to include network logging and rig connect setups)		
2 PM SAT	FIELD DAY START! See volunteer list: https://qsl.net/nf4rc/2023/SuggestedOperatorVolunteerManagement.pdf		
OPS DUTIES	See: https://qsl.net/nf4rc/2023/FieldDay2023/Operations.pdf		

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Exposure Calc.	Electromagnetic Exposure Calculations: See: https://qsl.net/nf4rc/2023/FieldDay2023/ElectromagneticExposure.pdf
GOTA STN	See: https://qsl.net/nf4rc/2023/FieldDay2023/GOTASTation.pdf
Satellite Unit	See: https://qsl.net/nf4rc/2023/FieldDay2023/Satellite.pdf
2000 SAT	<input type="checkbox"/> OPERATIONS: Shift Change & Briefing
2030 SAT	<input type="checkbox"/> VHF SIMPLEX CONTACTS @ 146.520 (GARS to use 146.520 at 2000)
2100 SAT	<input type="checkbox"/> OPERATIONS: Move all Section Manager, and Message Traffic via the FREE VHF STATION to local RMS stations
WEE HOURS of SUNDAY	<input type="checkbox"/> Operation in the middle of the night is at the discretion of Operations based on available volunteer. We may be having so much fun that we can't stop these people! I suggest that representatives from the General Staff meet and assess operations of the stations (a) within the first few hours; (b) in the evening, to determine overnight options. (Suggestion only).
SUNDAY - JUN 25 2023	
0800 Sun	<input type="checkbox"/> OPERATIONS: Shift Change and Briefings
SUNDAY LUNCH	<input type="checkbox"/> Expect a wonderful Buffet! HOTWASH DISCUSSION/MEAL
Sunday 1400	CONCLUSION OF OUR FIELD DAY EFFORT <input type="checkbox"/> Documentation Unit gathers ALL documentation for filing. In general everything other than the logging computers should be emailed in the text or in an attachment to DOCUMENTATION EMAIL <input type="checkbox"/> OPERATIONS: Unit Leaders Manage teardown. <input type="checkbox"/> LOGISTICS moves gear back to proper storage locations
Sunday/ Monday	FIELD DAY SUBMISSION <input type="checkbox"/> Documentation Unit (Planning Section) files contest results with ARRL electronically <input type="checkbox"/> Documentation Unit obtains EMAIL or CONFIRMATION of submission and forwards to Incident Commander <input type="checkbox"/> Brett Wallace NH2KW writes up report of operation, with input from all other sections
6. Prepared by: Name: _____ Position/Title: _____ Signature: _____	
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9. Current Organization (fill in additional organization as appropriate):

We try to utilize iCS in order to give people HANDS-ON experience with this highly-refined system, in which we are all pretty green. Here is the current organization:-- and this will help you pass IS-100:

(Trying to give new people chance to try out some things!!)

TBD = To Be Determined (would YOU like to volunteer??)

	Prior to Event	Sat Day	Sat Nite	Sun Day
Inc. Comm.	Gibby	TBD	TBD	TBD
Deputy I.C.	TBD	TBD	TBD	TBD
PIO	Jim Bledsoe	Jim Bledsoe	Jim Bledsoe	Jim Bledsoe
Safety Officer	TBD	TBD	TBD	TBD
Liaison Officer	TBD	TBD	TBD	TBD
Planning Chief	Gordon Gibby	Gordon Gibby	Gordon Gibby	Gordon Gibby
Operations Chief	Leland Gallup	TBD	TBD	TBD
Deputy	TBD	TBD	TBD	TBD
Logistics Chief	Wendell Wright	TBD	TBD	TBD
Finance & Acct.	Susan Halbert	TBD	TBD	TBD
Documentation	Gordon Gibby	Gordon Gibby	Gordon Gibby	Gordon Gibby
AARIP	TBD	TBD	TBD	TBD
(Ops) Visitor Unit Leader	TBD	TBD	TBD	TBD
(Ops) Ground wire installation	Rosemary/Lorilyn	Rosemary/Lorilyn	N/A	Rosemr/Lorilyn
(Ops) Unit 1	Gallup	Gallup	N/A	Gallup
(Ops) Unit 2	Huckstep	Huckstep	N/A	Huckstep
(Ops) Unit 3	Wright	Wright	N/A	Wright
(Ops) Unir 4 / GOTA	Gibby	Gibby	N/A	Gibby
(Ops) Unit 5 VHF 6meter	Fugate/Hasselb	Fugate/Hasselb	N/A	Fugate/Hasselb
(Ops) Satellite Unit Leader	Lewis	Lewis	N/A	Lewis
(Ops) Microwave Unit Leader	McDow/Halb	McDow/Halb	McDow/Halb	McDow/Halb
(Ops) Solar Power Unit Leader	Reid Tillery	Reid / Rosemary	N/A	N/A
(Ops) TALKIN Unit Leader	N/A	Rosemary	N/A	Rosemary

6. Prepared by: Name: _____ Position/Title: _____ Signature: _____

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10. Resource Summary:	
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Resource	Resource Identifier Volunteer Providing	Date/Time Ordered Volunteer Transporting	ETA (Requested Arrival)	Arrived
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NOTE: Administration Building includes abundant tables and chairs

A. VISITOR RECEPTION / TOURS / EDUCATION -- Main building & GOTA station

RESOURCE	Vol. Providing	Vol. Transporting	ETA (Requested Arrival)	Arrived
STAFFED VISITOR WELCOME DESK 0800-1800 0800-Noon Desk, CHairs	From Vet. Building storage	N/A	Saturday	<input type="checkbox"/>
Real-Time Log Display - Large Screen TV that can be an HDMI monitor	Wright	TBD		<input type="checkbox"/>
COMPUTER FOR DISPLAY	FUGATE HAS "GEOCHRON" THAT CAN SHOW REAL TIME CONTACTS	TBD	Saturday	<input type="checkbox"/>
SIGNAGE - ARRL Posters, local posters, Hang from table and use display holders	GORDON HAS SEVERAL	Gordon	Saturday	<input type="checkbox"/>
Brochures	Jeff Capehart	Jeff Capehart	Saturday	<input type="checkbox"/>
INFO ABOUT AUGUST TECH COURSE -- GOOGLE FORM SIGNUP REAL TIME	TBD	TBD	Saturday	<input type="checkbox"/>
Vistors Log (Paper)	Jeff Capehart or Admin Packet		Saturday	<input type="checkbox"/>
Computer / Large Monitor for VIDEOS	Large Monitor- Fugate Large TV - Leland Possible computers - Leland	Fugate Leland	Saturday	<input type="checkbox"/>
Suggested videos queued up: ARRL 2-3 Minute: https://m.youtube.com/watch?v=wDn-6SDxyD4 5-minute: https://m.youtube.com/watch?v=K40HpljDLRs 10-minute: https://m.youtube.com/watch?v=8x6x_6mDVIQ See GLG for software / web page local that allows videos to be called up easily.				
Table: Morse Code Key Educational	Unit Leader Lorilyn - keys	Lorilyn - Keys	Saturday	<input type="checkbox"/>

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Table: "Maker" Educational	Unit Leader (Gibby has direct conversion receiver project, sound card projects)	Gordon - Maker kits	Saturday	<input type="checkbox"/>
B. INCIDENT COMMAND POST -- Inside large conference room				
SIGNAGE	See Administrative Packet	Post or Hang	SATURDAY	<input type="checkbox"/>
Logging Computer Overview	TBD	Gibby	SATURDAY	<input type="checkbox"/>
Office Supplies	TBD	TBD	Saturday	<input type="checkbox"/>
C. MICROWAVE & WIFI NETWORKING - including power sources				
Required Ubiquity devices or long range WIFI device /antenna	Network Unit Leader		Saturday	<input type="checkbox"/>
Two UPS Systems	Gordon	Network Unit Leader	Saturday	<input type="checkbox"/>
WIF routers	Network Unit Leader	Network Unit Leader	Saturday	<input type="checkbox"/>
LOGGING COMPUTER	Earl	Earl	Saturday	<input type="checkbox"/>
D. HF STATION #1 (From EOC Station) - UNIT LEADER #1 - Leland				
SIGNAGE	Administrative Packet	Post	Saturday	<input type="checkbox"/>
Existing Icom 7300 / computers -	EOC MAIN 7300 and its assoc.EOC computer HF-1	TBD	Saturday	<input type="checkbox"/>
PLACARD - Callsign / Exchange	DONE	TBD	Saturday	<input type="checkbox"/>
External mouse - fresh battery (NO COLOR)	EOC mouse assigned to that station	TBD	Saturday	<input type="checkbox"/>
FOOTSWITCH & adapter for gamers' headset	EOC footswitch Gibby - adapter for footswitch	TBD	Saturday	<input type="checkbox"/>
E. STATION #2 (UNIT LEADER #2 HUCKSTEP)				
SIGNAGE	See Administrative Packet	TBD	Saturday	<input type="checkbox"/>
Icom 7300	Huckstep	Huckstep	Saturday	<input type="checkbox"/>
COMPUTER	Huckstep HF-2	Huckstep	Saturday	<input type="checkbox"/>
External Mouse / fresh battery (GOLD COLOR)	Gordon	Gordon	Saturday	<input type="checkbox"/>

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				<input type="checkbox"/>
				<input type="checkbox"/>

6. Prepared by: Name: Gibby_____ Position/Title: _____ Signature: _____	
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(Due to a problem with the word processor, the table was split into 3 tables)

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F. Station #3 Unit Leader #3 - Wendell

SIGN AT STATION	See Admin Packet			<input type="checkbox"/>
Icom 7300	Wright	Wright	Saturday	<input type="checkbox"/>
Coax	TBD	TBD	Friday	<input type="checkbox"/>
Computer	HF-3	TBD	Saturday	<input type="checkbox"/>
External Mouse - fresh battery	Wendell	Wright	Saturday	<input type="checkbox"/>

G. Remote GOTA Station NF4RC

SIGNAGE	Admin Packet		Saturday	<input type="checkbox"/>
ICOM 7300/tuner	Gibby	Gibby	Saturday	<input type="checkbox"/>
Laptop to control, configured with remoting software	Gibby (use Gibby HP eliteBook) HF-4	Gibby	Saturdaay	<input type="checkbox"/>
External Mouse/battery (BLUE)	Gibby	Gibby		<input type="checkbox"/>
65 foot sloping vertical OCFD	Gibby	Gibby	Saturday	<input type="checkbox"/>
Coax cable to antenna in nearby tree	Gibby	Gibby	Saturday	<input type="checkbox"/>

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5 kw Diesel Generator	Gibby	WILL NEED HELP TRANSPORTING TBD	Saturday	<input type="checkbox"/>

H. FREE VHF STATION (6M & 2M Digital Capabilities) (Alternate QSO's with Messages)

Signage	See Admin Packet		Saturday	<input type="checkbox"/>
RADIO Icom 7300	Fugate (Hasselback help)	Fugate	Saturday	<input type="checkbox"/>
6 meter antenna	Mike H (Gallup backup)	Mike H (Gallup backup)	Friday	<input type="checkbox"/>
2 meter Gobox	EOC	Logistics		<input type="checkbox"/>
Computer	Black Lenovo: 6M Black Lenovo: 2M (Gibby)	Gibby	Saturday	<input type="checkbox"/>
External Mouse/ battery (PINK)	Gordon	Gordon	Saturday	<input type="checkbox"/>

I. Satellite Station (Another free station) -- RON LEWIS KN4ZUJ

Antennas	Ron	Ron	Saturday	<input type="checkbox"/>
Radios	Ron	Ron	Saturday	<input type="checkbox"/>
ETC	Ron	Ron	Saturday	<input type="checkbox"/>

J. SOLAR POWER SYSTEM

Solar Panels w/ charge controller power pole	Reid Tillery	Reid Tillery	Saturday (only - not needed on Sunday)	<input type="checkbox"/>
Batteries (require discharging)	EOC	Logistics	SAT	<input type="checkbox"/>
RFI Filteed 115 VAC Inverter for Comptuer (to power during required	Gibby	Gibby	Arrives with trailer on Sat	<input type="checkbox"/>

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contacts)				

(Due to a problem with the word processor, this table is split into three different tables.)

K. ANTENNAS AND COAX				
ANTENNA #1 HF (135 feet) OCF DIPOLE 4:1 GUANELLA	CAPTAIN: HUCKSTEP EOC BACKUP ANTENNA, includes 4:1 high power BALUN (done) Gibby provides RED paracord >_250 feet (done)	Gibby	FRIDAY	<input type="checkbox"/>
ANTENNA #2 HF (55 feet antenna / 107 feet 300 ohm feedline from W8JI instructions) DIPOLE / WINDOW LINE / External TUNER; antenna to the EAST from the tower. <i>Attempt to position this antenna so that it is offset from the tower by 50+ feet or more to reduce coupling to other antennas.</i>	CAPTAIN: PLEACE Antenna: <i>GIBBY</i> (done) Feedline: <i>GIBBY</i> (done) TUNER: WRIGHT TUNER wire: WRIGHT Gibby provides >400' YELLOW Paracordd (done) Gibby will provide a 1:1 Balun from the window line to the unbalanced tuner (done)	Gibby	FRIDAY	<input type="checkbox"/>
ANTENNA #3 HF (65 feet) End Fed 49:1 to the west over building Attempt to position this antenna so that it is offset from the tower by 50+ feet or	CAPTAIN: PLEACE Antenna: <i>GIBBY</i> Feedline Coax: <i>to be obtained</i> 49:1 Balun: <i>GIBBY</i> (Type 43)	Antenna: Gibby Coax: TBD 49:1 Balun: Gibby Protective Box: Gibby Paracord TBD	Friday	<input type="checkbox"/>

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more to reduce coupling to other antennas.	Protective Box: GIBBY 1:1 Balun - built by group #1 Black Paracord: 300 feet FUGATE (done)			
ANTENNA #4 HF (135 feet) End Fed from Mast back of building to Oak Tree (BACKUP)	Mast: TBD Hose clamps to attach mast to post: <i>Huckstep</i> Antenna: 135 foot tuned end fed (done) Feedline: (coax) 49:1 Balun: <i>double core FT-240-43 w/ 100 pf (done)</i> Paracord: FUGATE (done) 1:1 Balun - built by group #2	Gibby	FRIDAY	q
6 M MoXON Mast on ladder	Hasselbeck/Gallup Coax: <i>to be obtained</i>	Hasselbeck/Gallup	FRIDAY	<input type="checkbox"/>
2 M Antenna (Top of MARC)	Antenna: HUCKSTEP Coax Feedlne: <i>to be obtained</i>	Huckstep	FRIDAY	<input type="checkbox"/>
(GOTA antenna listed under GOTA) SLOPING DIPOLE 65 foot OCF 4:1 Guanella	65 foot OCFD Lightweight FT-240-43 balun (done) Used yellow paracord 200 feet	Antenna: Gibby Coax: Gibby Paracord: TBD	FRIDAY	<input type="checkbox"/>
Several hundred feet of large COAX ESTIMATE 700+ feet required	Coax Volunteered SO FAR: THICK 200 feet LMR-400 - Huckstep 150 feet RG213 Wendell 100+ feet thick stuff - Gordon will purchase MEDIUM Other RG8x -	Saturday	FRIDAY	<input type="checkbox"/>

INCIDENT BRIEFING (ICS 201)

	Wendell 100 feet RG8X Gordon Unknown large amount - Earl			
<p>L. Ground Wires and Power Wires LIGHTNING PROTECTION -- see https://qsl.net/nf4rc/2023/FieldDay2023/LightningProtection1.pdf</p>				
Ground wiring #14AWG stranded or equivalent	FUGATE	FUGATE	FRIDAY	<input type="checkbox"/>
25 foot extension cords, several	TBD	TBD	Saturday	<input type="checkbox"/>
Power strips, several	TBD	TBD	Saturday	<input type="checkbox"/>
Installation of grounds	Rosemary and Lorilyn	Rosemary and Lorilyn	FRIDAY	<input type="checkbox"/>
Single Point Ground	Lelandvs Susan	Leland vs. Susan	FRIDAY	<input type="checkbox"/>
Lightning Arrestor #1	Gordon https:// www.amazon.com/ dp/B08J81CJNF	Gordon	FRIDAY	<input type="checkbox"/>
Lightning Arrestor #2	Rosemary (MFJ)	Rosemary	FRIDAY	<input type="checkbox"/>
Lightning Arrestor #3	Gordon (simple unit)	Gordon	FRIDAY	<input type="checkbox"/>
Lightning Arrestor #4	Gordon (simple unit)	Gordon	FRIDAY	<input type="checkbox"/>
Lightning Arrestor VHF- 6 meters	Huckstep https:// www.amazon.com/ dp/B08J81CJNF	Huckstep	FRIDAY	<input type="checkbox"/>
Ligthning Arrest VHF - 2 meters	TBD Note: Think Susan also has MFJ lightning arrestor	TBD	FRIDAY	<input type="checkbox"/>

INCIDENT BRIEFING (ICS 201)

M. Drinks & Food				
Ice cooler with ice	TBD ??not needed??	TBD	Saturday & Sunday	<input type="checkbox"/>
Soft drinks	TBD	TBD	Saturday & Sunday	<input type="checkbox"/>
Water bottles	Rosemary	Rosemary	Saturday & Sunday	<input type="checkbox"/>
Finger Foods / etc	TBD	TBD	Saturday & Sunday	<input type="checkbox"/>
N. TALK IN				
Mobile radio setup	Rosemary	Rosemary	Saturday	<input type="checkbox"/>
This is such a nice idea that Rosemary has championed; might bring us addition new volunteers!				

INCIDENT BRIEFING (ICS 201)

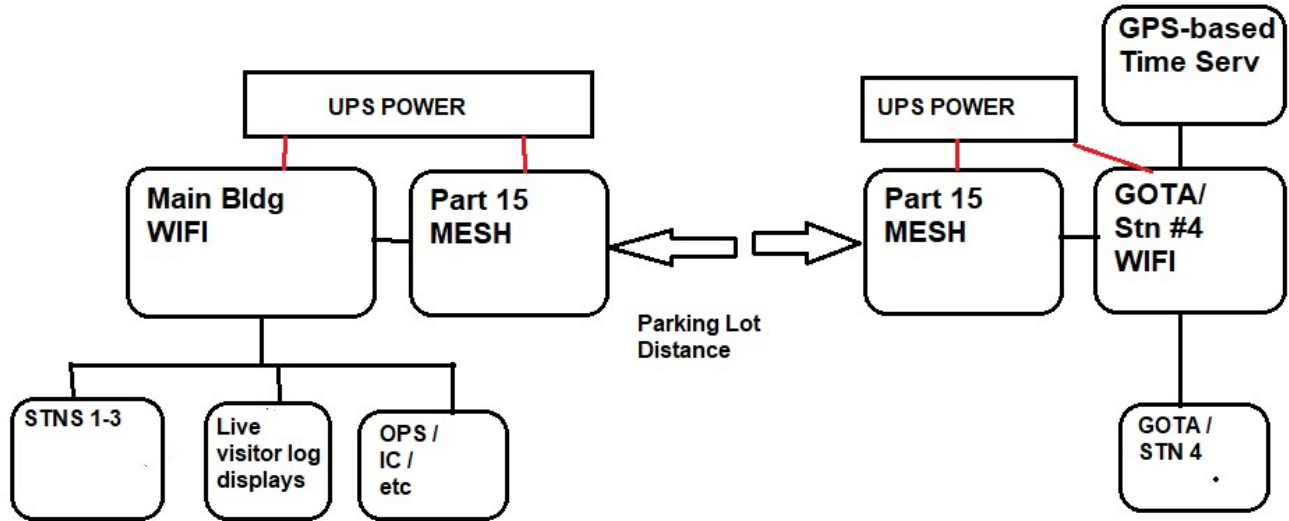
APPENDIX -- Microwave System & Logging 2023

N3FJP Registration Numbers:

NF4AC Field Day Contest Log Registration #: 33532 (Main F group)

NF4RC Field Day Contest Log Registration #: 35249 (GOTA Station Callsign)

Expected 2023 Field Day Mesh System



NOTE: Part 15 MESH may be replaced by simply using external-antenna capable consumer WIFI Router to beam WIFI toward Trailer, negating the need for Part 15 MESH at either end. Proviso: if we can find such a router with external output. Gordon has Parabolic 2.4 GHz antenna(s)

INFORMATION ON CONNECTING WSJT-X AND FLDGI TO N3FJP FIELD DAY LOGGING SOFTWARE: <https://www.qsl.net/nf4rc/2021/N3FJPLoggingConnectionInstructions.pdf>

A networking how-to document from the 2020 Field Day can be viewed here: <https://qsl.net/nf4rc/2020/HowToNetworking.pdf> This includes discussion of firewall rules so that ping and telnet can be used if needed.