

# INCIDENT BRIEFING (ICS 201)

**1. Incident Name:**  
GARS Field Day 2019

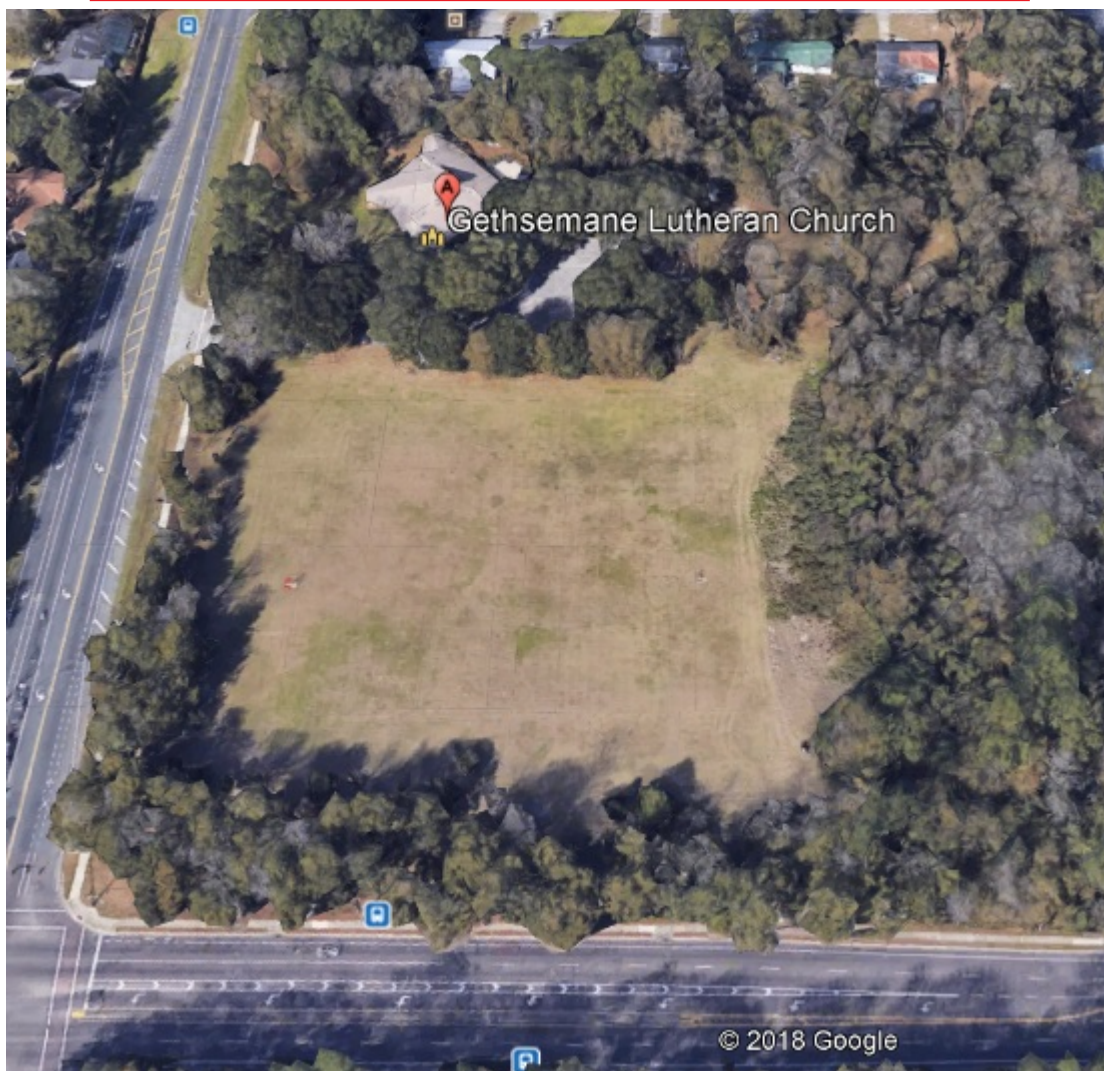
**2. Incident Number:**

**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):

Gethsemane Lutheran Church  
Address: 4011 NW 34th St, Gainesville, FL 32605  
Church Phone: (352) 378-2915

***PLANNING SECTION ADD POSITIONS OF ASSETS / ANTENNAS***



**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

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<p>hazard, provide personal protective equipment, warn people of the hazard) to protect responders from those hazards.</p> <p>FIELD DAY 2019. (See Complete Rules end of this document)</p> <p>Allowable SETUP: may include an accumulation of 24 hours, may begin as early as 0000 UTC Friday (Thursday evening, June 20). If setup begins before 1800 UTC Saturday (GARS normal procedure), contest operations are limited to 24 hours.</p> <p>Contest operation begins at 1800 UTC Saturday June 22 2019 (2 PM local time) and ends at 1800 UTC Sunday (2 PM local)</p> <p>CLUB CLASS IS 2A (2 CONTEST STATIONS OTHER THAN VHF/GOTA; &lt;= 150 WATTS, NON COMMERCIAL POWER FOR TRANSMITTERS)</p>		
<b>6. Prepared by:</b> Name: _____ Position/Title: _____ Signature: _____		
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<b>1. Incident Name:</b> GARS Field Day 2019	<b>2. Incident Number:</b>	<b>3. Date/Time Initiated:</b> Date:                      Time:
<b>7. Current and Planned Objectives:</b>  <ol style="list-style-type: none"><li>1. Safety of all participants</li><li>2. Fun and learning exercise</li><li>3. Maximize points by making many SSB, CW, Digital contacts Note, for example, that you can contact the same station three times on each FREQUENCY band – once by SSB, once by CW, and once by a digital mode.</li><li>4. Operate as a 2A station using 100-149 watts output power where possible, obtaining transmitter power from generator and/or solar sine wave inverter or batteries.</li><li>5. Increase amateur radio capabilities of participants</li><li>6. Carry out as many activities as possible to obtain bonus points, including a GOTA station with significant efforts to obtain media coverage and public participation.</li></ol>		
<b>8. Current and Planned Actions, Strategies, and Tactics:</b>		
Time:	Actions:	

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PRE EVENT CHECK LIST	<b>RESPONSIBLE PERSON</b>	<b>APR 21</b>	<b>MAY GARS MTG</b>	<b>MAY 21</b>	<b>JUNE GARS MTG</b>	<b>June 17</b>
	PIO	<input type="checkbox"/> Take ARRL PIO training				<input type="checkbox"/> Press releases and publicity start
	PLANNING CHIEF	<input type="checkbox"/> Locate trailers & alt pwr eqp	<input type="checkbox"/> Report, 10 min	<input type="checkbox"/> Final rpt published	<input type="checkbox"/> Report, 10 min.	
	OPER. CHIEF		<input type="checkbox"/> Recruit 20 opertors	<input type="checkbox"/> Full radio training sessions held  <input type="checkbox"/> All forms completed for points	<input type="checkbox"/> Report, 10 min.	
	LOGIST. CHIEF			<input type="checkbox"/> Carry out all tests listed below, <input type="checkbox"/> written report available	<input type="checkbox"/> Present report, 10 min	
	F&A CHIEF					
2 month advance	Planning Section locates possible additional trailers, generators,, batteries, sine wave inverters. <b>(DONE)</b> Written & oral available by the May GARS meeting. Any owners willing to have coax-bulkhead-thruways installed will receive assistance to accomplish that.					
2 month advance	PIO takes and completes ARRL PIO training					

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MAY GARS mtg May 21	Operations Section recruits large group of operators for training (Goal: > 20) Reports from the Planning Section.	
1 month advance	Planning Section meets as needed and issues final report of all operations / logistics / financial issues no later than June GARS meeting Report goes on web site	
1 month advance	Operations Section arranges training sessions for operators, goal of 20 trained operators. Full computer setup and Radio into dummy load or antenna for training required. Written and oral report available by the June GARS meeting	
1 month advance	Operations Section creates all required report forms for documenting and acquiring bonus points. Each bonus activity requires specific records. Also develop all forms to acquire documentation required for the GOTA station.	
1 month advance	Logistics section carries out testing & upkeep of <ul style="list-style-type: none"> <li>• Computer system / batteries</li> <li>• Network system / power</li> <li>• Radio systems (Please provide receiver overload protection and band pass systems as possible. Each receiver shall be documented as to the presence of diode front end protection and/or addition of such protection)</li> <li>• All generators</li> <li>• Solar Power systems</li> <li>• Tower system (Please complete a proper manual of operations.)</li> <li>• HF antenna systems</li> <li>• Communications system(s) to GOTA station (likely placed at far end of field for visibility)</li> </ul> Written & oral report available by the June GARS meeting	
MON 6/17	PIO places initial press releases in multiple media. PIO invites multiple elected officials to visit & manages RSV P's	
JUNE GARS Meeting Tue Jun 18	June 18 2019 Reports from all Sections	
Wednesday	Adjustments as indicated by the members	
THUR 6/20 8 PM - 11 PM	<del>MOW FIELD IF NOT ALREADY ACCOMPLISHED – USES MAX 3 HOURS- SETUP TIME. IDENTIFY WET SPOTS AND MARK IF POSSIBLE WITH LIME</del> Update: unlikely to be necessary, current mowing crew quite capable.	

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FRI 6/21	PIO places additional press releases			
FRI 6/21 7 AM – NOON	5 HOURS OF SETUP MAX/ 8 HOURS CUMULATIVE Move trailer(s) into place (secure when leaving) Begin Antenna installation			
6 PM – 10 PM	4 HOURS OF SETUP MAX/ 12 HOURS CUMULATIVE Continue trailer, antenna, and tent installations.			
SAT 6/22 7 AM – NOON	5 HOURS OF SETUP MAX / 17 HOURS CUMULATIVE Move generator(s) into place, secure with chain(s) Move Solar power system(s) into place (secure with chain(s)) Finish antenna installation All radios installed All networking installed			
NOON	Optional Luncheon in an air conditioned restaurant (cool off!)			
2 PM SAT	Operations Commence (OPERATIONS SECTION supervises) GOTA station may begin operations – note that continuous presence of the mentor is required when in operation. Only 1 callsign allowed (different from K4GNV)			
6 PM SAT	Logistics Section serves evening meal Oral Report from Operations Section on lessons learned so far.			
Morning Sunday	Breakfast provided by Logistics Section Oral Report from Operations Section on lessons learned so far.			
2 PM SUN	Operations cease Finance and Accounting Section gathers all logs and reports for bonus points			
JULY GARS MEETING JUL 16	Finance and Accounting Section presents final report including the contest submission for any possible corrections.			
Tue 7/23	Content submission must be filed by this date.			
<b>6. Prepared by:</b> Name: _____ Position/Title: _____ Signature: _____				
<b>ICS 201, Page 2</b>		Date/Time: _____		

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

Incident Commander: Shannon Boal			
IC Deputies Pete Winters, Larry Rovak			
Command	PIO <u>Carol Chesney</u>		
Staff	Safety Officer <u>Barry Nason KD0QIX</u>		
GENERAL STAFF			
<b>Planning Section</b>	<b>Operations Section</b>	<b>Logistics Section</b>	<b>Finance &amp; Accounting Section</b>
Chief: Gordon Gibby	Chief: <u>Vann Chesney</u>	Chief Pete Winters	Chief: Pete Winters
Trailer Unit Leader <u>TO BE DETERMINED</u>	SSB Unit Leader Vann Chesney	Field Prep Unit Leader Gordon Gibby KX4Z	Finance Unit Leader Pete Winters
Power Unit Leader Gibby KX4Z	CW Unit Leader <u>John Troupe (tentative)</u>	Trailer/Tent Unit Leader <u>TO BE DETERMINED</u>	Contest Submission Unit Leader <u>Jeff Capehart</u>
Antenna Unit Leader Shannon K4GLM	Digital Unit Leader <u>Leland Gallup</u>  <u>FT8 Sub Unit</u> <u>Leon Couch</u>  <u>PSK SubUnit</u> <u>Bob Guertinn</u>	Power Unit Leader <b>Gibby KX4Z</b>	
	GOTA Unit Leader Jeff Capehart W4UFL	Nutrition Unit Leader <u>Greg Sporer KK4OCZ</u>	

**6. Prepared by:** Name: \_\_\_\_\_ Position/Title: \_\_\_\_\_ Signature: \_\_\_\_\_

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<b>10. Resource Summary:</b>					
Resource	Resource Identifier	Date/Time Ordered	ETA	Arrived	Notes (location/assignment/status) <b><u>PLEASE DOCUMENT PARTY PROVIDING AND TRANSPORTING</u></b>
FEMORS TRAILER			Fri AM	<input type="checkbox"/>	Femors wiring: <a href="https://www.qsl.net/nf4rc/2018/FEMORSTrailerElectrical.pdf">https://www.qsl.net/nf4rc/2018/FEMORSTrailerElectrical.pdf</a>
GIBBY TRAVEL TRAILER			Fri AM	<input type="checkbox"/>	Gibby will transport Manual: <a href="https://www.qsl.net/nf4rc/2018/TravelTrailerOperatingManual.pdf">https://www.qsl.net/nf4rc/2018/TravelTrailerOperatingManual.pdf</a>
Additional Trailer #1 as needed <b>PIO Visiting Dignitary Reception</b>			Fri AM	<input type="checkbox"/>	
Additional Trailer #2 as needed			Fri AM	<input type="checkbox"/>	
TRACTOR (towing, mowing)			Thur PM	<input type="checkbox"/>	<del>Gibby Kubota; Gibby will transport Insurance: only Gibby to operate</del> (UPDATE: unlikely to be necessary)
TOWER TRAILER				<input type="checkbox"/>	Partial Manual (towing): <a href="https://www.qsl.net/nf4rc/2018/TransportofGARSTowerTrailer.pdf">https://www.qsl.net/nf4rc/2018/TransportofGARSTowerTrailer.pdf</a>
BEAM ANTENNA			FRI PM	<input type="checkbox"/>	<b><u>MANUAL NEEDED</u></b>
ADDITIONAL ANTENNA HF Antenna			FRI PM	<input type="checkbox"/>	
ADDITIONAL ANTENNA GOTA Antenna			FRI PM	<input type="checkbox"/>	
ADDITIONAL ANTENNA (as needed)			FRI PM	<input type="checkbox"/>	



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<b>10. Resource Summary:</b>					
ADDITIONAL ANTENNA (as needed)			FRI PM	<input type="checkbox"/>	
10 KW GENERATOR			Sat AM	<input type="checkbox"/>	Gibby will transport Manual: <a href="https://www.qsl.net/nf4rc/2018/10KWGeneratorInformation.pdf">https://www.qsl.net/nf4rc/2018/10KWGeneratorInformation.pdf</a>
SOLAR POWER SYSTEM (BATT / PANELS / CHARGER / INVERTED)			Sat AM	<input type="checkbox"/>	Gibby will transport Manual: <a href="https://www.qsl.net/nf4rc/2018/SolarPowerSystemsManual.pdf">https://www.qsl.net/nf4rc/2018/SolarPowerSystemsManual.pdf</a>
RADIO #1 (overload protected)			Sat AM	<input type="checkbox"/>	<b><u>MANUAL NEEDED</u></b>
RADIO #2 (overload protected)			Sat AM	<input type="checkbox"/>	<b><u>MANUAL NEEDED</u></b>
GOTA RADIO (overload protected)			Sat AM	<input type="checkbox"/>	<b><u>MANUAL NEEDED</u></b>
NUTRITION TENT			Sat AM	<input type="checkbox"/>	
GOTA CANOPY			Sat AM	<input type="checkbox"/>	
NETWORK / COMPUTER SYSTEMS			Sat AM	<input type="checkbox"/>	<b><u>BASIC DIAGRAM NEEDED</u></b> Possible logging manual: <a href="http://www.n3fjp.com/fieldday.html">http://www.n3fjp.com/fieldday.html</a>
WATER			Sat AM	<input type="checkbox"/>	
SNACKS			Sat AM	<input type="checkbox"/>	
TABLES			Sat AM	<input type="checkbox"/>	
CHAIRS			Sat AM	<input type="checkbox"/>	
PIO TABLE & DISPLAY @ PIO TRAILER			Sat AM	<input type="checkbox"/>	
WIFI OR WALKIE Talkie SYSTEMS TO			Sat AM	<input type="checkbox"/>	

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<b>10. Resource Summary:</b>					
GOTA STATION					
Total of 20 gallons worth of gasoline storage onsite, locked, safely stored			Sat AM	<input type="checkbox"/>	Logistics to provide, Operations to manage; receipts to Finance & Accounting
Any required cooking equipment			Sat PM	<input type="checkbox"/>	Logistics to provide and operate
<b><u>Add additional items as needed</u></b>				<input type="checkbox"/>	
				<input type="checkbox"/>	
<b>6. Prepared by:</b> Name: _____ Position/Title: _____ Signature: _____					
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Updated by FDA 2/2011

## MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> GARS 2019 FIELD DAY	<b>2. Operational Period:</b> Date From: _____ Date To: _____ Time From: _____ Time To: _____
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<b>3. Medical Aid Stations:</b>			
Name	Location	Contact Number(s)/Frequency	Paramedics on Site? PHYSICIANS
UF Health Shands Emergency Center - Spring hill	8475 NW 39th Ave Gainesville FL 32606	<b>(352) 627-0400</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>4. Transportation</b> (indicate air or ground):			
Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
<b>DIAL 911</b>		<b>DIAL 911</b>	<input type="checkbox"/> ALS <input type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS

<b>5. Hospitals:</b>							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
UF Health Shands Hospital	1600 SW Archer Rd Gainesville, FL 32610	<b>352 265 0111</b>	10min	20min	<input checked="" type="checkbox"/> Yes Level: __1__	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
North Florida Regional Medical Center	6500 W Newberry Rd Gainesville,, FL 32605	<b>352 333 4000</b>	8 min	15 min	<input checked="" type="checkbox"/> Yes Level: __?__	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Malcolm Randall VA Medical Center	1601 SW Archer Rd Gainesville FL 32608	<b>352 376 1611</b>	10 min	20 min	<input type="checkbox"/> Yes Level: ____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes Level: ____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>1. Incident Name: GARS 2019 FIELD DAY</b>	<b>2. Operational Period:</b> Date From: _____ Date To: _____ Time From: _____ Time To: _____
<b>6. Special Medical Emergency Procedures:</b>  Much shorter wait for non life-threatening issues, at the Springhill ER which is within a mile of the Conference.  <input type="checkbox"/> Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.	
<b>7. Prepared by (Medical Unit Leader):</b> Name: Gordon Gibby MD    Signature: /s/	
<b>8. Approved by (Safety Officer):</b> Name: _____ Signature: _____	
<b>ICS 206</b>	<b>IAP Page</b> _____ <b>Date/Time: 1/29/2018 0830</b>

## FIELD DAY 2019 RULES

<http://www.arrl.org/files/file/Field-Day/2019/2019-Rules-RevA.pdf>

## APPENDIX

### ARRL Field Day 2019 Rules

**1. Eligibility:** Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, and may submit entries as check-logs.

**2. Object:** To work as many stations as possible on the 160, 80, 40, 20, 15 and 10 Meter HF bands, as well as all bands 50 MHz and above, and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.

**3. Date and Time Period: Field Day 2019 will be held June 22-23.** Field Day is **ALWAYS the fourth full weekend**, beginning at 1800 UTC Saturday and ending at 2059 UTC Sunday.

3.1. Class A and B (see below) stations that do not begin setting up until 1800 UTC on Saturday may operate the entire 27-hour Field Day period.

3.2. Stations who begin setting up before 1800 UTC Saturday may work only 24 consecutive hours, commencing when on-the-air operations begin.

3.3. No class A or B station may begin its set-up earlier than 0000 UTC on the Friday (Thursday afternoon or evening local time) preceding the Field Day period. Cumulative set-up time shall not exceed a total of 24 hours.

**4. Entry Categories:** Field Day entries are classified according to the maximum number of *simultaneously* transmitted signals, followed by a designator indicating the nature of their individual or group participation. The minimum number of transmitters that must be claimed is one (1). Twenty (20) transmitters maximum are eligible for the purpose of calculating bonus points (2,000 points maximum). However, additional transmitters which may legitimately be used simultaneously will determine your entry category classification, but will not earn additional bonus points (i.e. 22 transmitters = 22A). The use of switching systems that allow for lock-outs in order to use multiple transmitters (i.e., an “octopus”) in an attempt to enter a lower-number-of-transmitters class are prohibited (i.e. using 2 transmitters that can transmit simultaneously, with two operators, and a lock-out system and entering class 1A). The use of simulcasting devices which allow a single operator to key and transmit on more than one transmitter at a time, is prohibited. **Bonus stations, such as the GOTA station and satellite station do not count towards determining the number of transmitters for the class and do not qualify for transmitter bonus points.**

**4.1. (Class A) Club / non-club portable:** Club or a non-club group of three or more persons set up specifically for Field Day. Such stations must be located in places that are not regular station locations and must not use facilities installed for permanent station use, or use any structure installed permanently for Field Day. A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). To be listed as Class A, all contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains. Entrants whom for any reason operate a transmitter or receiver from a commercial main for one or more contacts will be listed separately as Class A-Commercial.

**4.1.1. Get-On-The-Air (GOTA) Station.** Any Class A (or F) entry whose transmitter classification is two or more transmitters may also operate one additional station without changing its base entry category, known as the GET-ON-THE-AIR (GOTA) station.

**This GOTA station may operate on any Field Day band, HF or VHF, but is limited to one GOTA station transmitted signal at any time.**

4.1.1.1. This station **must use** a different callsign from the primary Field Day station. The GOTA station must use the same callsign for the duration of the

event regardless if operators change. **The GOTA station uses the same exchange as its parent.**

**4.1.1.2. The GOTA station may be operated by any person licensed since the previous year's Field Day, regardless of license class. It may also be operated by a generally inactive licensee. Non-licensed persons may participate under the direct supervision of an appropriate control operator. A list of operators and participants must be included on the required summary sheet to ARRL HQ.**

**4.1.1.3. As per FCC rules, this station must have a valid control operator present at the control point if operating beyond the license privileges of the participant using the station.**

4.1.1.4. The maximum transmitter output power for the GOTA station shall be **150 watts**. If the primary Field Day group is claiming the QRP multiplier level of 5, the maximum transmitter output power of the GOTA station may not exceed 5 watts.

**4.1.1.5. A maximum of 500 QSOs made by this station may be claimed for credit by its primary Field Day operation. In addition, bonus points may be earned by this station under rule 7.3.13.**

**4.1.1.6. The GOTA station may operate on any Field Day band. Only one transmitted signal is allowed from the GOTA station at any time.**

4.1.1.7. The GOTA station does not affect the additional VHF/UHF station provided for under Field Day Rule 4.1.2. for Class A stations.

4.1.1.8. Participants are reminded that non-licensed participants working under the direction of a valid control operator may only communicate with other W/VE stations or with stations in countries with which the US has entered a third-party agreement.

4.1.1.9. The GOTA station does not qualify as an additional transmitter when determining the number of transmitters eligible for the 100-point emergency power bonus under Rule 7.3.1.

**4.1.2. Free VHF Station: All Class A entries may also operate one additional transmitter if it operates exclusively on any band or combination of bands above 50 MHz (VHF/UHF) without changing its basic entry classification. This station does not qualify for a 100-point bonus as an additional transmitter. This station may be operated for the clubs Field Day period and all contacts count for QSO credit. It is operated using the primary callsign and exchange of the main Field Day group and is separate and distinct from the GOTA station.**

**4.2. (Class A - Battery) Club / non-club portable:** Club or non-club group of three or more persons set up specifically for Field Day. All contacts must be made using an output power of 5 Watts or less **and** the power source must be something other than commercial power mains or motor-driven generator (e.g.: batteries, solar cells, water-driven generator). Other provisions are the same for regular Class A. Class AB is eligible for a GOTA station if GOTA requirements are met; however if a GOTA station is used in this class it must meet the 5-Watt or less power requirement of this category.

**4.3. (Class B) One or two person portable:** A Field Day station set up and operated by no more than two persons. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B entries will be listed separately.

**4.4. (Class B - Battery) One or two person portable:** A Field Day station set up and operated by no more than two persons. All contacts must be made using an output power of 5 Watts or less **and** the power source must be something other than commercial mains or motor-driven generator. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B - Battery entries will be listed separately.

**4.5. (Class C) Mobile:** Stations in vehicles capable of operating while in motion and normally operated in this manner. This includes maritime and aeronautical mobile. If the Class C station is being powered from a car battery or alternator, it qualifies for emergency power but does not qualify for the multiplier of 5, as the alternator/battery system constitutes a motor-driven generating system.

**4.6. (Class D) Home stations:** Stations operating from permanent or licensed station locations using commercial power. Class D stations may only count contacts made with Class A, B, C, E and F Field Day stations.

**4.7. (Class E) Home stations - Emergency power:** Same as Class D, but using emergency power for transmitters and receivers. Class E may work all Field Day stations.

**4.8. (Class F) Emergency Operations Centers (EOC):** An amateur radio station at an established EOC activated by a club or non-club group. Class F operation must take place at an established EOC site. Stations may utilize equipment and antennas temporarily or permanently installed at the EOC for the event. Entries will be reported according to number of transmitters in simultaneous operation. Class F stations are eligible for a free VHF station. At Class 2F they are also eligible for a GOTA station.

4.8.1. For Field Day purposes, an Emergency Operations Center (EOC) is defined as a facility established by:

- a) a Federal, State, County, City or other Civil Government, agency or administrative entity; or,
- b) a Chapter of a national or international served agency (such as American Red Cross or Salvation Army) with which your local group has an established operating arrangement;



4.8.1.1. A private company EOC does not qualify for Class F status unless approved by the ARRL Field Day Manager.

4.8.2. Planning of a Class F operation must take place in conjunction and cooperation with the staff of the EOC being activated.

4.8.3. Other provisions not covered are the same as Class A.

4.8.4. A Class F station may claim the emergency power bonus if emergency power is available at the EOC site.

**4.8.4.1. The emergency power source must be tested during the Field Day period but you are not required to run the Class F operation under emergency power.**

## 5. Exchange:

**Stations in ARRL / RAC sections** will exchange their Field Day operating Class and ARRL / RAC section. Example: a three transmitter Class A station in Connecticut which also has a GOTA station and the extra VHF station would send "3A CT" on CW or Digital, or "3 Alpha Connecticut" on Phone.

**DX stations** send operating class and the term DX (i.e. 2A DX).

## 6. Miscellaneous Rules:

6.1. A person may not contact for QSO credit any station from which they also participate.

6.2. A transmitter/receiver/transceiver used to contact one or more Field Day stations may not subsequently be used under any other callsign to participate in Field Day. Family stations are exempt provided the subsequent callsign used is issued to and used by a different family member.

6.3. Phone, CW and Digital (non-CW) modes on a band are considered as separate bands. A station may be worked only once per band under this rule.

6.4. All voice contacts are equivalent.

6.5. All non-CW digital contacts are equivalent.

6.6. Cross-band contacts are not permitted (Satellite QSOs cross-band contacts are exempted).

6.7. The use of more than one transmitter at the same time on a single band-mode is prohibited.

Exception: a dedicated GOTA station may operate as prescribed in Rule 4.1.

6.8. No repeater contacts are allowed.

6.9. Batteries may be charged while in use. Except for Class D stations, the batteries must be charged from a power source other than commercial power mains. To claim the power multiplier of five, the batteries must be charged from something other than a motor driven generator or commercial mains.

6.10. All stations for a single entry must be operated under one callsign, except when a dedicated GOTA station is operated as provided under Field Day Rule 4.1.1. it uses a single, separate callsign.

**7. Scoring:** Scores are based on the total number of QSO points times the power multiplier corresponding to the highest power level under which any contact was made during the Field Day period plus the bonus points.

### 7.1. QSO Points:

7.1.1. Phone contacts count one point each.

7.1.2. CW contacts count two points each.

7.1.3. Digital contacts count two points each.

**7.2. Power multipliers:** The power multiplier that applies is determined by the highest power output of any of the transmitters used during the Field Day operation.

7.2.1. If all contacts are made using a power of 5 Watts or less **and** if a power source other than commercial mains or motor-driven generator is used (batteries, solar cells, water-driven generator), the power multiplier is 5 (five).

7.2.2. If all contacts are made using a power of 5 Watts or less, but the power source is from a commercial main or from a motor-driven generator, the power multiplier is 2. If batteries are charged during the Field Day period using commercial mains or a motor-

driven generator the power multiplier is 2 (two).

7.2.3. If any or all contacts are made using an output power up to 150 Watts or less, the power multiplier is 2 (two).

7.2.4. If any or all contacts are made using an output power greater than 150 Watts, the power multiplier is 1 (one).

7.2.5. The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event. (Example: a group has one QRP station

running 3 Watts and a second station running 100 Watts, the power multiplier of 2 applies to all contacts made by the entire operation).

**7.3. Bonus Points: All stations are eligible for certain bonus points, depending on their entry class.** The following bonus points will be added to the score, after the multiplier is applied, to determine the final Field Day score. Bonus points will be applied only when the claim is made on the summary sheet and any proof required accompanies the entry or is received via email or normal mail delivery.

**7.3.1. 100% Emergency Power:** 100 points per transmitter classification if all contacts are made only using an emergency power source up to a total of 20 transmitters (maximum 2,000 points.) **GOTA station and free VHF Station for Class A and F entries do not qualify for bonus point credit and should not be included in the club's transmitter total.** All transmitting equipment at the site must operate from a power source completely independent of the commercial power mains to qualify. (Example: a club operating 3 transmitters plus a GOTA station and using 100% emergency power receives 300 bonus points.) **Available to Classes A, B, C, E, and F.**

**7.3.2. Media Publicity:** 100 bonus points may be earned for attempting to obtain publicity from the local media. A copy of the press release, or a copy of the actual media publicity received (newspaper article, etc.) must be submitted to claim the points. **Available to all Classes.**

**7.3.3. Public Location:** 100 bonus points for physically locating the Field Day operation in a public place (i.e. shopping center, park, school campus, etc). The intent is for amateur radio to be on display to the public. **Available to Classes A, B and F.**

**7.3.4. Public Information Table:** 100 bonus points for a Public Information Table at the Field Day site. The purpose is to make appropriate handouts and information available to the visiting public at the site. A copy of a visitor's log, copies of club handouts or photos is sufficient evidence for claiming this bonus. **Available to Classes A, B and F.**

**7.3.5. Message Origination to Section Manager:** 100 bonus points for origination of a formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site. You should include the club name, number of participants, Field Day location, and number of ARES operators involved with your station. **The message must be transmitted during the Field Day period and a copy of it must be included in your submission in standard ARRL radiogram or no credit will be given. The message must leave or enter the Field Day operation via amateur radio RF.**

The Section Manager message is separate from the messages handled in Rule 7.3.6. and may not be claimed for bonus points under that rule. **Available to all Classes.**

**7.3.6. Message Handling: 10 points for each formal message originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points (ten messages). Copies of each message must be included with the Field Day report. The message to the ARRL SM or SEC under Rule 7.3.5. does not count towards the total of 10 for this bonus. Available to all Classes. All messages claimed for bonus points must leave or enter the Field Day operation via amateur radio RF.**

**7.3.7. Satellite QSO:** 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period. "General Rules for All ARRL Contests" (Rule 3.7.2.), (the no-repeater QSO stipulation) is waived for satellite QSOs. Groups are allowed one dedicated satellite transmitter station without increasing their entry category. Satellite QSOs also count for regular QSO credit. Show them listed separately on the summary sheet as a separate "band." You do not receive an additional bonus for contacting different satellites, though the additional QSOs may be counted for

QSO credit unless prohibited under Rule 7.3.7.1. The QSO must be between two Earth stations through a satellite. **Available to Classes A, B, and F.**

7.3.7.1 Stations are limited to one (1) completed QSO on any single channel FM satellite.

**7.3.8. Alternate Power:** 100 bonus points for Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum driven generator. This means an "alternate" energy source of power, such as solar, wind, methane or water. This includes batteries charged by natural means (not dry cells). The natural power transmitter counts as an additional transmitter. If you do not wish to increase your operating category, you should take one of your other transmitters off the air while the natural power transmitter is in operation. A separate list of natural power QSOs should be submitted with your entry. **Available to Classes A, B, E, and F.**

**7.3.9. W1AW Bulletin:** 100 bonus points for copying the special Field Day bulletin transmitted by W1AW (or K6KPH) during its operating schedule during the Field Day weekend (listed in this rules announcement). An accurate copy of the message is required to be included in your Field Day submission. (Note: The Field Day bulletin must be copied via amateur radio. It will not be

included in Internet bulletins sent out from Headquarters and will not be posted to Internet BBS sites.) **Available to all Classes.**

**7.3.10. Educational activity bonus:** One (1) 100-point bonus may be claimed if your Field Day operation includes a specific educational-related activity. The activity can be diverse and must be related to amateur radio. It must be some type of formal activity. It can be repeated during the Field Day period but only one bonus is earned. For more information consult the FAQ in the complete Field Day packet. **Available to Classes A & F entries and available clubs or groups operating from a club station in class D and E with 3 or more participants.**

**7.3.11. Site Visitation by an elected governmental official:** One (1) 100-point bonus may be claimed if your Field Day site is visited by an elected government official as the result of an invitation issued by your group. **Available to all Classes.**

**7.3.12. Site Visitation by a representative of an agency:** One (1) 100-point bonus may be claimed if your Field Day site is visited by a representative of an agency served by ARES in your local community (American Red Cross, Salvation Army, local Emergency Management, law enforcement, etc.) as the result of an invitation issued by your group. ARRL officials (SM, SEC, DEC, EC, etc) do not qualify for this bonus. **Available to all Classes.**

**7.3.13. GOTA Bonus.** Class A and F stations operating a GOTA station may earn the following bonus points:

7.3.13.1. When a GOTA operator successfully completes 20 QSOs, they receive 20 bonus points. Upon reaching an additional 20 QSOs the same operator receives a second 20 bonus points, up to a maximum of 100 Bonus points per GOTA operator. An operator may make more than 100 QSOs but the QSOs over 100 do not qualify for an additional bonus.

7.3.13.1.1. Additional GOTA operators may earn the GOTA bonus points under this rule, up to the maximum of 500 bonus points. (Remember that there is a 500-QSO limit for the GOTA station. But no single GOTA operator may earn more than 100 of the GOTA bonus points except as provided in 7.3.13.2.)

7.3.13.1.2. A single GOTA operator must complete all 20 QSOs required before the bonus is earned. There is no “partial credit” for making only a portion of the 20 QSOs or “pooling” QSOs between operators.

7.3.13.2. If a GOTA station is supervised full-time by a GOTA Coach, the bonus points earned for each 20 QSOs completed under Rule 7.3.13.1. will be doubled.

7.3.13.2.1. The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions.

7.3.13.2.2. To qualify for this bonus, there must be a designated GOTA Coach present and supervising the GOTA station at all times it is being operated.

**7.3.14. Web submission:** A 50-point bonus may be claimed by a group submitting their Field Day entry via the [field-day.arrl.org](http://field-day.arrl.org) web site. **Available to all Classes.**

**7.3.15. Field Day Youth Participation:**

7.3.15.1. A 20-point bonus (maximum of 100) may be earned by any Class A, C, D, E, or F group for each participant age 18 or younger at your Field Day operation that completes at least one QSO.

7.3.15.2. For a 1-person Class B station, a 20-point bonus is earned if the operator is age 18 or younger. For a 2-person Class B station, a 20-point bonus is earned for each operator age 18 or younger (maximum of 40 points.) Keep in mind that Class B is only a 1 or 2 person operation. This bonus does not allow the total number of participants in Class B to exceed 1 or 2.

**7.3.16 Social Media: 100 points for promoting your Field Day activation to the general public via an active, recognized and utilized social media platform (Facebook, Twitter, Instagram, etc). This bonus is available to bona fide Amateur Radio clubs and Field Day groups that welcome visitors to their operation. Individual participants do not qualify for this bonus. Club websites do not qualify for this bonus. Available to all classes.**

**7.3.17 Safety Officer Bonus: A 100-point bonus may be earned by having a person serving as a Safety Officer for those groups setting up Class A stations. This person must verify that all safety concerns on the Safety Check List (found in the ARRL Field Day Packet) have been adequately met. This is an active bonus – simply designating someone as Safety Officer does not automatically earn this bonus. A statement verifying the completion of the Safety Check**

**List must be included in the supporting documentation sent to ARRL HQ in order to claim this bonus.**

## **8. Reporting:**

**8.1. Entries may be submitted to the ARRL in one of two ways:**

**8.1.1. Via Field Day Web App at [field-day.arrrl.org](http://field-day.arrrl.org);**

**8.1.2. Via email with required attachments to [fieldday@arrrl.org](mailto:fieldday@arrrl.org); or**

**8.1.3. Via land postal or delivery service to: Field Day Entries, 225 Main St, Newington, CT 06111.**

**8.2. Entries must be postmarked, emailed or submitted by Tuesday July 23, 2019. Late entries cannot be accepted.**

8.3. A complete Field Day Web Applet Submission site entry consists of:

8.3.1. An official ARRL summary sheet which is completed on the site;

8.3.2. Supporting information must be emailed to [fieldday@arrrl.org](mailto:fieldday@arrrl.org) or submitted by mail service. Supporting information must include:

8.3.2.1. An attached list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.3.2.2. Proof of all bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

8.4. A complete non-web-app email submission consists of:

8.4.1. An electronic copy of an ARRL summary sheet completely and accurately filled out;

8.4.2. An attached list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.4.3. Proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

8.5. A complete land/postal-mail or delivery non-electronic submission consists of:

8.5.1. A complete and accurate ARRL summary sheet;

8.5.2. An accompanying list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.5.3. Proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

**8.6. Complete station logs are NOT required for submission. The club should maintain log files for one year in case they are requested by ARRL HQ.**

**8.7. Cabrillo format log files are NOT required for Field Day entries. They will be accepted in lieu of the dupe sheets but do not constitute an entry unless a corresponding summary sheet is also submitted.**

8.8. Digital images of proof of bonus points are acceptable.

8.9. Electronic submissions are considered signed when submitted.

## **9. Miscellaneous:**

9.1. The schedule of bulletin times for W1AW is included in this announcement. While W1AW does not have regular bulletins on weekends, the Field Day message will be sent according to the schedule included with this announcement. The W1AW bulletins will be transmitted on the regular W1AW frequencies listed in *QST*. The PSK31 bulletin will be transmitted on the W1AW teleprinter frequencies. The special Field Day bulletin will be transmitted from station K6KPH on the West Coast as included in the bulletin schedule.

9.2. See "General Rules for All ARRL Contests," "General Rules for All ARRL Contests on Bands Below 30 MHz," and "General Rules for All ARRL Contests on Bands Above 50 MHz" for additional rules ([www.arrrl.org/contest-rules](http://www.arrrl.org/contest-rules)) that may cover situations not covered in these Field Day rules. Decisions of the ARRL Awards Committee are final in adjudicating Field Day problems.

9.3. The complete Field Day information package may be obtained by:

**9.3.1. Sending a SASE with 5 units of postage to: Field Day Information Package, ARRL, 225 Main St., Newington, CT 06111; or**

**9.3.2. By downloading from the Contest Branch home page at: [www.arrl.org/field-day](http://www.arrl.org/field-day)**

9.4. For more Field Day information/questions contact: [fdinfo@arrl.org](mailto:fdinfo@arrl.org) or phone (860) 594-0232.

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