

Sterling Park Amateur Radio Club (SPARC)

2023 Field Day

FINAL V12 23 June 2023

1. SPARC will operate a Class 3A amateur radio station on Field Day from Loudoun County Sheriff Station in Sterling.

(3 transmitters (1 x CW, 2 x Phone).

2. The station schedule is:

Day	Date	Time (Local)	Activity
			No Friday antenna rope hanging
Saturday	24 Jun 22	10:00 AM	Station set-up
		1:45 PM	Group picture
Saturday	24 Jun 22	2:00 PM (1800 UTC)	Radio operations begin
Saturday	24 Jun 22	5:00 PM	Education session
Saturday	24 Jun 22	6:00 PM	Party with food and drink
Sunday	25 June 22	8:00 AM	Breakfast
Sunday	25 Jun 22	2:00 PM (1800 UTC)	Radio operations end
Sunday	25 Jun 22	2:00 PM	Station take-down starts

3. Other Equipment

- a. Ropes for hauling Antennas: Gordon, NQ4K; Larry, W8ANT
- b. Folding Chairs: Probably not needed. Use chairs from community room.
- c. Transmission Line: Gordon, NQ4K; Bud, W4KSN
- d. Logging software: N1MM on Networked and Stand-alone computers. - Coordinator: Eric, AJ4LN.
Networked computers linked by wire. Networking equipment and cables provided by Eric, AJ4LN.
Limited networked system testing at Eric's, AJ4LN, QTH on Monday, 19 June.
- e. Spare networked computer for logging support and Backup: Eric, AJ4LN
- f. Youth operator sign-in sheets: Gordon, NQ4K.
- g. HF filters for transmission lines (80M 40M, 20M 15M 10M): Larry, W8ANT, Gordon, NQ4K
- h. Antenna masts (about 20ft high): Larry, W8ANT, 2 ea. Bud, W4KSN, 1 ea.
- i. Antennas
80-40M: Larry, W8ANT
40-20-10M: Larry, W8ANT
Vertical: Eric, AJ4LN
Buddi-pole: Daniel, W5DJV

4. QRM Shelter

- a. A place for all to sit and talk when not operating the radios.
- b. Under overhang at community room door
- c. Tables from inside the community room.

5. Club Party

- a. Drinks: Everyone donates some drinks (in cooler or not) and puts them QRM shelter.
Coffee: Evan, KM4SK
- b. Food: **TBD**
- c. 1800: Dinner: All sit around, eat, drink, and talk. Station operators remain on radios.
- d. 0800: Breakfast: No Breakfast.

Table 1. Station Equipment

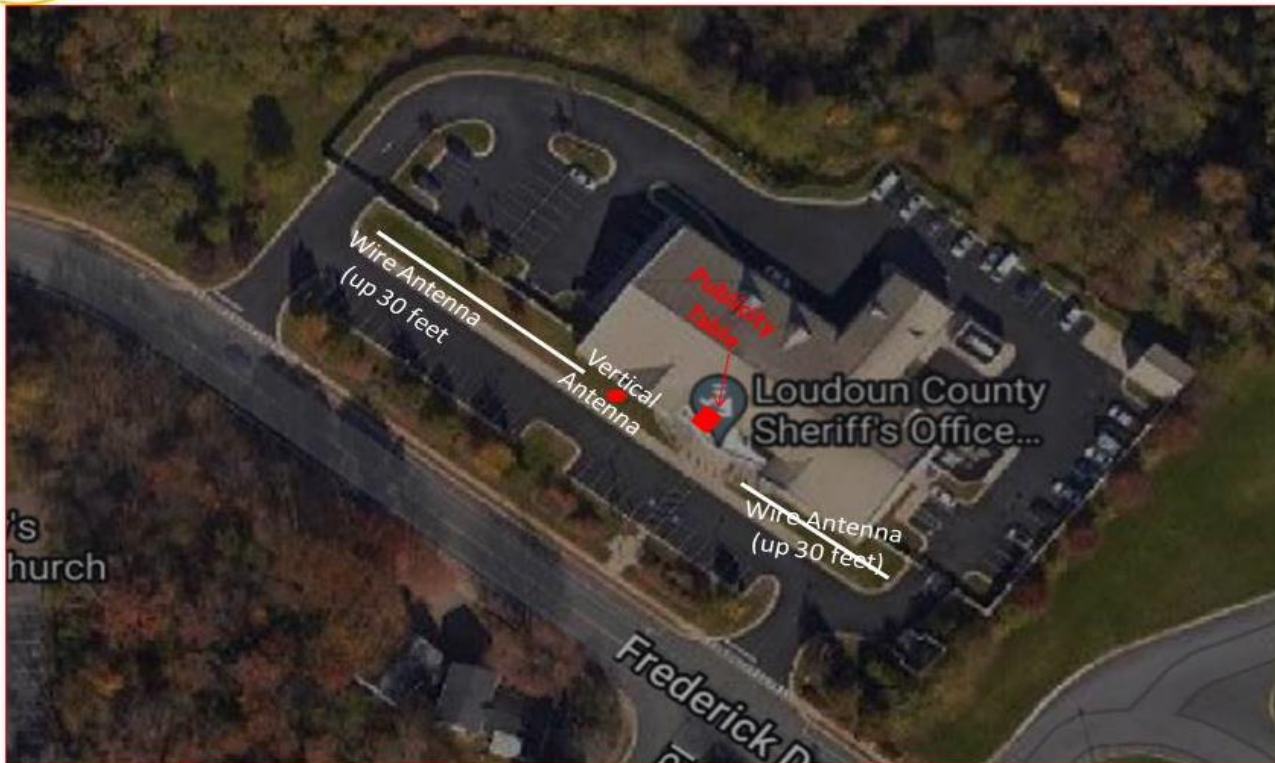
Equipment	HF CW/SSB (Station #1)	HF SSB (Station #2)	HF SSB (Station #3)
Call Sign	K4NVA	K4NVA	K4NVA
Table	Community room	Community room	Community room
Radio	TS-590SG Larry, W8ANT	TS-570DG Eric, AJ4LN	IC730 Gordon, NQ4K
Antenna Tuner	Larry, W8ANT	Eric, AJ4LN	Gordon, NQ4K
Transmission Line	Gordon, NQ4K	Bud, W4KSN	Gordon, NQ4K
Antenna	Larry, W8ANT	Larry, W8ANT	Vertical, (10-40M) Eric, AJ4LN
Logging	Networked computer (Eric, AJ4LN)	Networked computer (Eric, AJ4LN)	Networked computer (Eric, AJ4LN)
Power Strip	Evan, KM4SK	Evan, KM4SK	Evan, KM4SK

6. Bonus Points

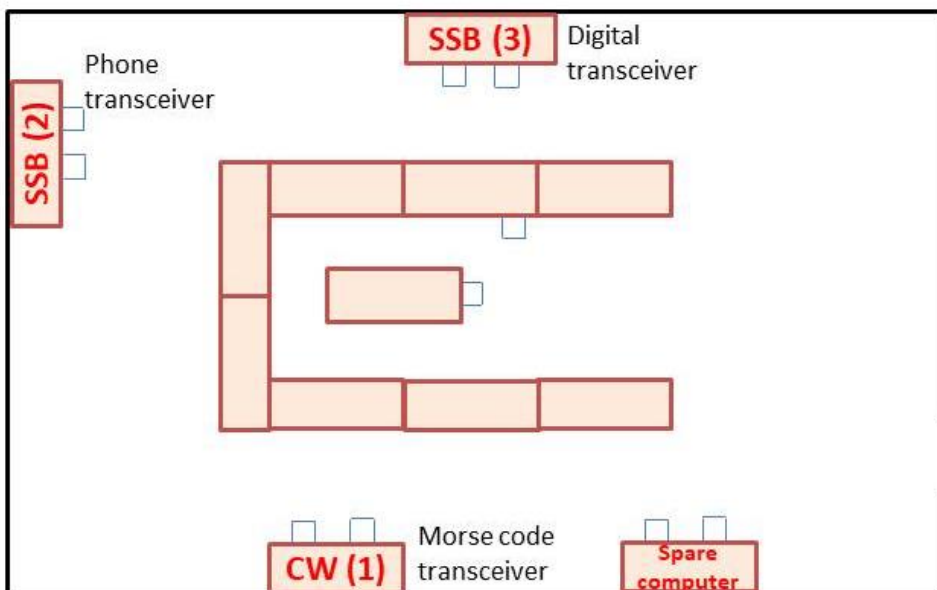
Bonus Point Category	Points	Comment	POC
100% Emergency Power	3 x 100 = 300	Club generator and distribution line	No needed this year.
Media Publicity:	100		Evan, KM4SK
Public Location	100	Sheriff Substation	Paul, KK4AIA
Public Information Table	100	Table with SPARC Banner, pamphlets, etc.	Gordon, NQ4K
Message Origination to Section Manager	100	Formal message	Prepared by: Gordon, NQ4K Sent by: Paul, KK4AIA
Message Handling	10 msg x 10 pts = 100	Send 10 messages	Prepared by: Gordon, NQ4K Sent by: Paul, KK4AIA
Satellite QSO	100 pts		Steve, KS1G
Alternate Power	100 pts	Minimum of 5 QSOs on alternate power.	Battery Larry, W8ANT
W1AW Bulletin	100 pts	Copy field day bulletin	TBD
Educational Activity Bonus	100 pts	TBD	TBD
Site Visitation by elected Government Official	100 pts		Evan, KM4SK
Site Visitation by a Representative of an Agency	100 pts		Paul, KK4AIA
GOTA Bonus	> GOTA QSOs count 5 pts > No limit on no. of QSOs > GOTA Coach counts 100 pts		Coach: Gordon, NQ4K
Web submission	50 pts		Gordon, NQ4K
Youth Participation	20 pts x 5 per youth (18 or less) = 100 pts max	Make at least 1 QSO	TBD
Social Media	100 pts	Promote via social media	Evan, KM4SK
Safety Officer	Safety officer completes Safety Check List = 100 pts		Paul, KK4AIA

7. Field Day Layout: See following diagrams.

Outside layout

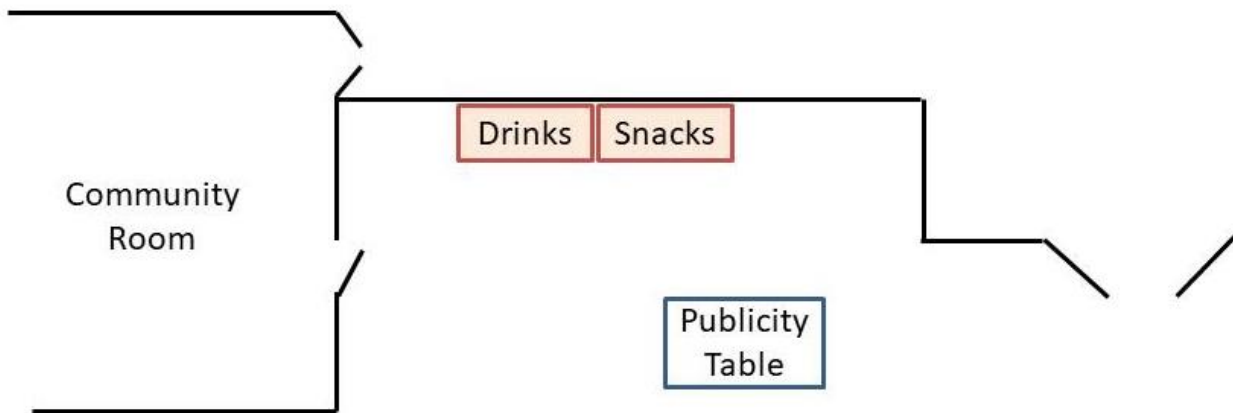


Inside community room layout



Community room door will be left open for antenna cable and power lines

Outside community room on patio layout



9. Operator Schedule

- a. This is a best estimate in an attempt to keep someone on the radios at all times.
- b. Operators and times will change based upon who is ready and willing to operate at any given time.
- c. If you feel like operating for a while, please either take over an unoccupied radio or ask the current operator if they would like to take a break.
- d. All times are subject to friendly negotiation.

Date/Time	#1 HF CW/SSB	#2 HF SSB	#3 HF SSB
Saturday			
1400 - 1500		Bud, W4KSN	
1500 - 1600		Bud, W4KSN	
1600 - 1700		Bud, W4KSN	
1700 - 1800			
1800 - 1900			
1900 - 2000			
2000 - 2100		Evan, KM4SK	
2100 - 2200		Evan, KM4SK	
2200 - 2300		Evan, KM4SK	
2300 - 2400		Evan, KM4SK	
Sunday			
2400 - 0100		Evan, KM4SK	
0100 - 0200		Evan, KM4SK	
0200 - 0300		Paul, KK4AIA	
0300 - 0400		Paul, KK4AIA	
0400 - 0500		Paul, KK4AIA	
0500 - 0600		Paul, KK4AIA	
0600 - 0700			
0700 - 0800			
0800 - 0900		Jim, N4FAF	
0900 - 1000		Jim, N4FAF	
1000 - 1100		Jim, N4FAF	
1100 - 1200		Bud, W4KSN	
1200 - 1300		Bud, W4KSN	
1300 - 1400		Bud, W4KSN	