

Sterling Park Amateur Radio Club (SPARC) 2022 Field Day

DRAFT V6 24 June 2022

1. SPARC will operate a Class 3A amateur radio station on Field Day from Park View High School.
(3 transmitters (1 x CW, 1 x Phone, 1 x Digital).

2. The station schedule is:

Day	Date	Time (Local)	Activity
Friday	11 Jun 22	12:00 PM	Computer/Radio Setup/Testing at Eric/AJ4LN QTH
Friday	24 Jun 22	7:00 PM	Antenna set-up preparation
Saturday	25 Jun 22	10:00 AM	Station set-up
		1:45 PM	Group picture
Saturday	25 Jun 22	2:00 PM (1800 UTC)	Radio operations begin
Saturday	25 Jun 22	5:00 PM	Education session
Saturday	25 Jun 22	6:00 PM	Party with food and drink
Sunday	26 June 22	8:00 AM	Breakfast
Sunday	26 Jun 22	2:00 PM (1800 UTC)	Radio operations end
Sunday	26 Jun 22	2:00 PM	Station take-down starts

3. There will be three radio stations as shown in Table 1, Station Equipment.

4. Other Equipment

- a. Ropes for hauling Antennas: John, KK4AHY; Gordon, NQ4K; Larry, W8ANT
- b. Folding Chairs: Everybody (We need lots of chairs); **TBD**
- c. Transmission Line: Gordon, NQ4K; **TBD**
- 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.
Networked system testing at Eric, AJ4LN QTH on Saturday, 11 June, at 1200.
- e. Spare networked computer for logging support and Backup: Eric, AJ4LN
- f. GOTA operator sign-in sheets, paper dup sheets, logging sheets, certificates: **No GOTA Station this year.**
- g. HF filters for transmission lines (80m 40m, 20m 15m): Larry, W8ANT, Gordon, NQ4K

5. QRM Tents

- a. A place for all to sit and talk when not operating the radios.
- b. Four tents/canopies if possible. 2 x Larry, W8ANT; 1 x Paul, KK4AIA, 1 Gordon, NQ4K
- c. Several tables. 1 x Larry, W8ANT; 1 x Paul, KK4AIA 2 x Gordon, NQ4K

6. Club Party

- a. Drinks: Everyone donates some drinks (in cooler or not) and puts them in QRM Tent.
- b. Food: Paul, K4PDF, has volunteered to cook dinner and breakfast.
- c. 1800: Dinner: All sit around, eat, drink, and talk. Station operators remain on radios.
- d. 0800: Breakfast: All sit around and eat, drink, and talk.

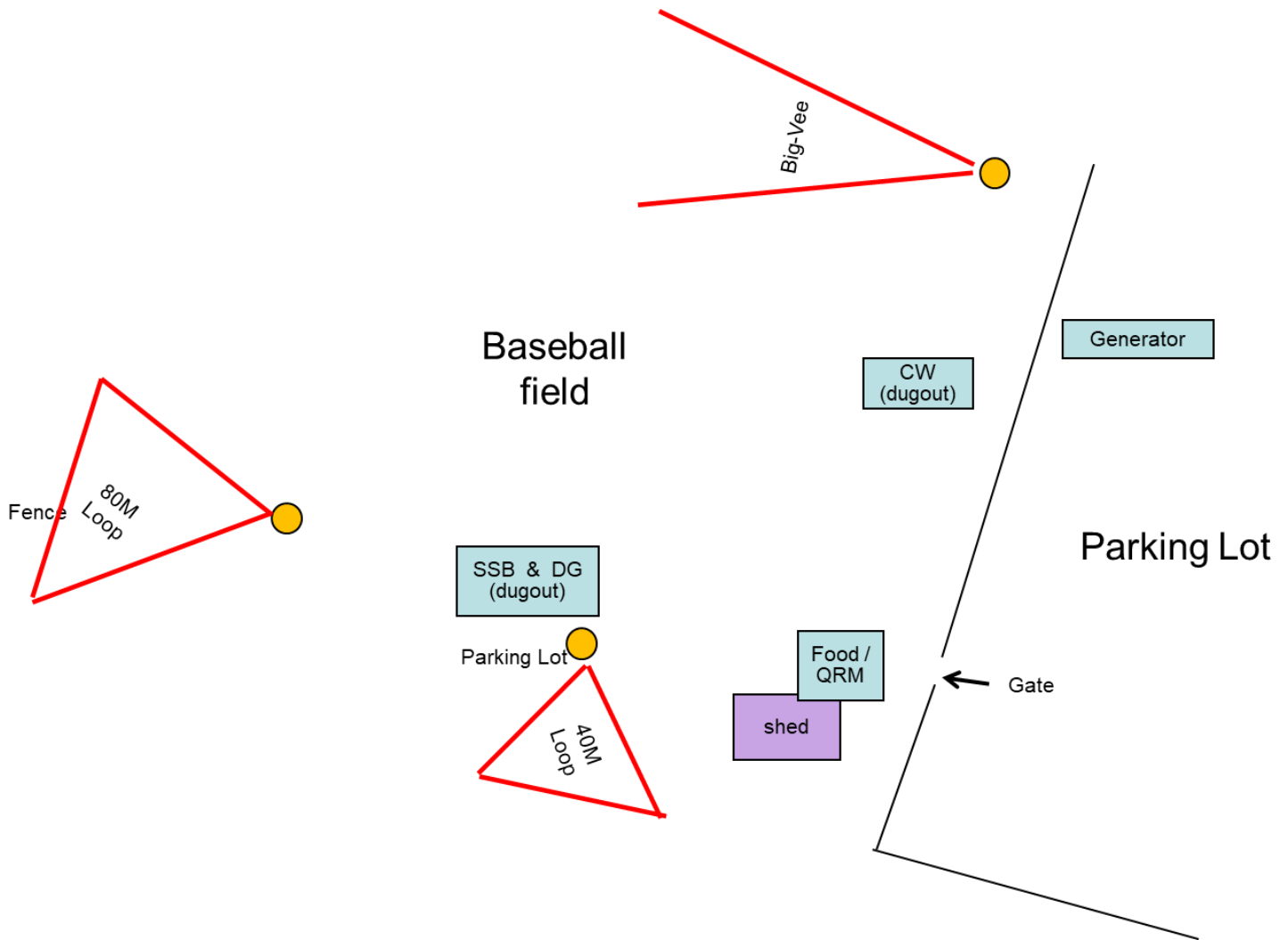
Table 1. Station Equipment

Equipment	HF CW/SSB (Station #1)	HF SSB (Station #2)	HF DG (Station #3)
Call Sign	K4NVA	K4NVA	K4NVA
Tent	Visitor Dugout	Home Team Dugout	Home Team Dugout
Table	5-ft table Larry, W8ANT	Use built-in table	Use built-in table
Radio	TS-590SG Larry, W8ANT	TS-570DG Eric, AJ4LN	Daniel, W5DJV
Antenna Tuner	Larry, W8ANT	Eric, AJ4LN	Daniel, W5DJV
Transmission Line	Larry, W8ANT	See Below	See below
Antenna	See below diagram	See below diagram	See below diagram
Logging	Networked computer (Eric, AJ4LN)	Networked computer (Eric, AJ4LN)	Daniel, W5DJV
Power Strip	TBD	Eric, AJ4LN	Daniel, W5DJV
Lamps (for night)	TBD	Evan, KM4SK	TBD
Fan		Evan, KM4SK	

7. Bonus Points

Bonus Point Category	Points	Comment	POC
100% Emergency Power	3 x 100 = 300	Club generator and distribution line Backup Generator	Russ, W3RST Paul, KK4AIA
Media Publicity:	100		Evan, KM4SK
Public Location	100	Park View High School	Paul, K4PDF
Public Information Table	100	Table with 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		Marty, NV3H and TBD
Alternate Power	100 pts	Minimum of 5 QSOs on alternate power.	Daniel, W5DJV
W1AW Bulletin	100 pts	Copy field day bulletin	TBD
Educational Activity Bonus	100 pts	Rope and Basic Knots for Amateurs	Larry, W8ANT
Site Visitation by elected Government Official	100 pts		TBD
Site Visitation by a Representative of an Agency	100 pts		TBD
GOTA Bonus	> For each GOTA operator, every 20 QSOs gets 20 points up to 100 points > Additional GOTA operators for up to 500 Points total. >2 x for Coach for 1000 pts		
Web submission	50 pts		
Youth Participation	20 pts x 5 per youth = 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		Gordon, NQ4K

8. Field Day Layout: See following diagram.



9. Operator Schedule

- This is a best estimate in an attempt to keep someone on the radios at all times.
- Operators and times will change based upon who is ready and willing to operate at any given time.
- 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.
- All times are subject to friendly negotiation.

Date/Time	#1 HF CW/SSB	#2 HF SSB	#3 HF DG
Saturday			
1400 - 1500	Larry, W8ANT	John, W3XWT	Daniel, W5DJV
1500 - 1600	Larry, W8ANT	John, W3XWT	Daniel, W5DJV
1600 - 1700	Larry, W8ANT	John, W3XWT	Daniel, W5DJV
1700 - 1800		Chris, KO4OZJ	
1800 - 1900	Amit, WY2Z	Chris, KO4OZJ	
1900 - 2000		Chris, KO4OZJ	
2000 - 2100			
2100 - 2200			
2200 - 2300			
2300 - 2400			
Sunday			
2400 - 0100		Evan, KM4SK	
0100 - 0200		Evan, KM4SK	
0200 - 0300		Evan, KM4SK	
0300 - 0400		Evan, KM4SK	
0400 - 0500	Mike, WB8RDN		
0500 - 0600	Mike, WB8RDN		
0600 - 0700	Mike, WB8RDN		
0700 - 0800	Mike, WB8RDN		
0800 - 0900	Mike, WB8RDN		
0900 - 1000	Amit, WY2Z		
1000 - 1100			
1100 - 1200			
1200 - 1300	Larry, W8ANT		
1300 - 1400	Larry, W8ANT		

Notes: John, W3XWT, available for SSB all of FD except for 0800-1000 Sunday.
 Larry, W8ANT, 8 hours of operating time.