

Sterling Park Amateur Radio Club (SPARC)

2019 Field Day

DRAFT V5 6 June 2019

1. SPARC will operate a Class 3A amateur radio station on Field Day from Park View High School.
(3 transmitters (1 x CW, 2 x Phone, plus extra VHF/UHF transmitter and HF Phone GOTA transmitter).

2. The station schedule is:

Day	Date	Time (Local)	Activity
Friday	14 Jun 19	1:00 PM	Computer/Radio Setup/Testing at Eric/AJ4LN QTH
Friday	21 Jun 19	7:00 PM	Antenna set-up preparation
Saturday	22 Jun 19	10:00 AM	Station set-up
		1:45 PM	Group picture
Saturday	22 Jun 19	2:00 PM (1800 UTC)	Radio operations begin
Saturday	22 Jun 19	5:00 PM	Education session
Saturday	22 Jun 19	6:00 PM	Party with food and drink
Sunday	23 Jun 19	2:00 PM (1800 UTC)	Radio operations end
Sunday	23 Jun 19	2:00 PM	Station take-down starts

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

4. Other Equipment

- a. Ropes for hauling Antennas: Dick, W2YE; Gordon, NQ4K, and Paul, K4PDF. We need a lot of rope.
- b. Folding Chairs: Everybody (We need lots of chairs);
- c. Transmission Line: Dick, W2YE, Gordon, NQ4K.
- 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.
- e. Spare networked computer for logging support and Backup: Eric, AJ4LN
- f. GOTA operator sign-in sheets, paper dup sheets, logging sheets, certificates: Gordon, NQ4K
- g. HF filters for transmission lines (80m 40m, 20m 15m): Dick, W2YE

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 Paul, K4PDF, 1 x John, N2PBY).
- c. Several tables. (Tables from refreshment stand, Gordon, NQ4K),

6. Club Party

- a. Drinks: Everyone donates some drinks (in cooler or not) and puts them in QRM Tent.
- b. Food: All bring something and maybe a little extra for others.
- d. 1800: All sit around, eat, drink, and talk. Station operators remain on radios.

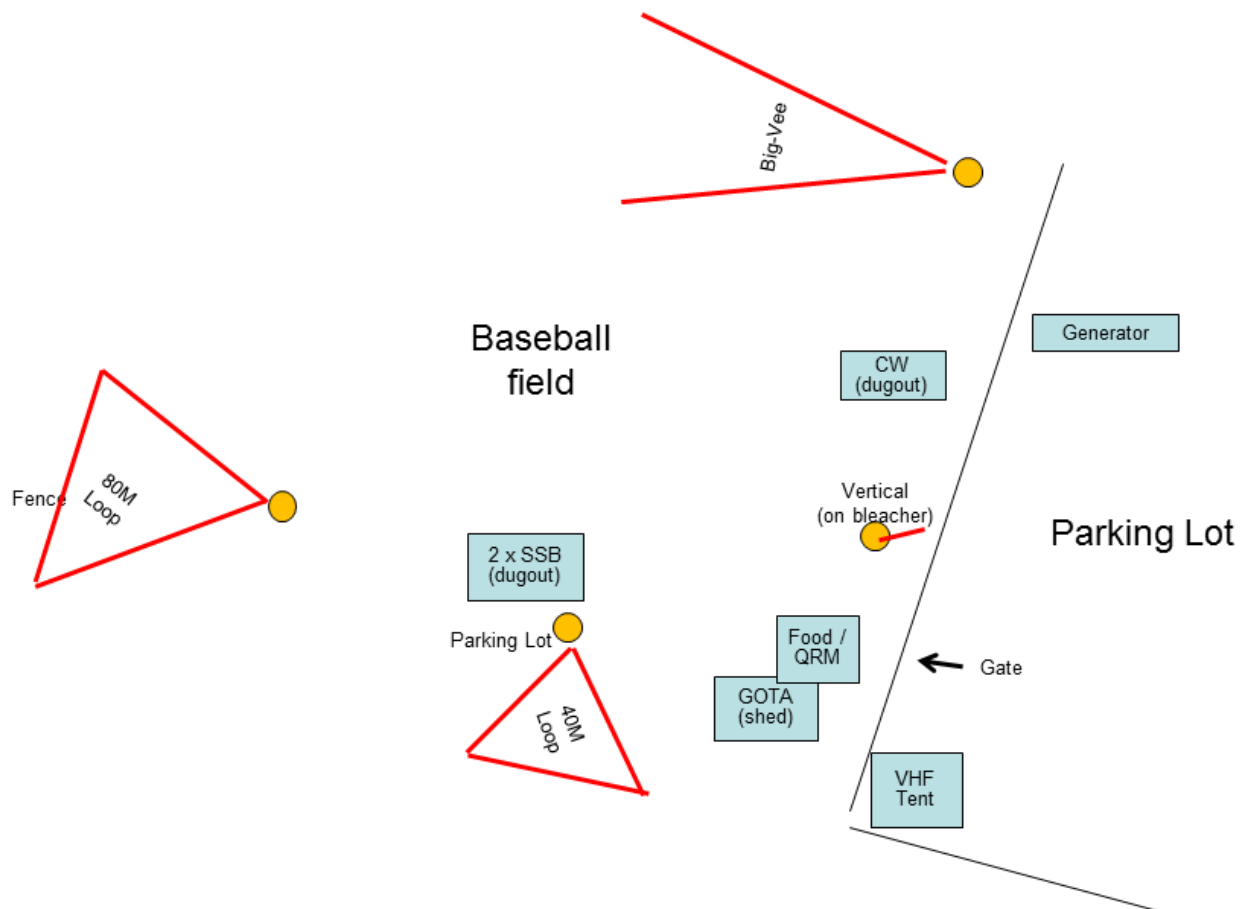
Table 1. Station Equipment

Equipment	HF CW (Station #1)	HF SSB (Station #2)	HF SSB (Station #3)	HF GOTA (Bonus Station)	VHF (Bonus Station)
Call Sign	K4NVA	K4NVA	K4NVA	NQ4K	K4NVA
Tent	Visitor Dugout	Home Team Dugout	Home Team Dugout	Concession Stand	(Ray, KD4RSL)
Table	5-ft table Gordon, NQ4K	Use built-in table	Use built-in table	Use table in building	(Ray, KD4RSL)
Radio	ICOM 756 (Dick -W2YE)	TS-570D(G) (Eric, AJ4LN)	IC-7000 (Monte, KV4KS)	ICOM-730 (Gordon, NQ4K)	(Ray, KD4RSL)
Antenna Tuner		n/a	LDG IT-100 (Monte, KV4KS)	(Gordon, NQ4K)	(Ray, KD4RSL)
Transmission Line	See Below	See Below	See below	See Below	(Ray, KD4RSL)
Antenna	See below diagram	See below diagram	See below diagram	See below diagram	(Ray, KD4RSL)
Logging	Networked computer (Eric, AJ4LN)	Networked computer (Eric, AJ4LN)	Networked Computer. Eric, AJ4LN	Stand-alone computer (Gordon, NQ4K)	Standalone.
Power Strip	Dick, W2YE	Eric, AJ4LN	TBD	Gordon, NQ4K)	(Ray, KD4RSL)
Lamps (for night)	Mike, WB8RDN	Eric, AJ4LN	TBD	Gordon, NQ4K	
Fan	Mike, WB8RDN			Gordon, NQ4K	

7. Bonus Points

Bonus Point Category	Points	Comment	POC
100% Emergency Power	3 x 100 = 300	Club generator and distribution line	Russ, W3RST
Media Publicity:	100	Loudoun Times-Mirror	Jim, AF4MO
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	Shawn, KN4GDU & Bryan, K1BYR
Message Handling	10 msg x 10 pts = 100	Send 10 messages	Shawn, KN4GDU & Bryan, K1BYR
Satellite QSO	100 pts		Shawn, KN4GDU & Nick, KM4WWQ
Alternate Power	100 pts	Solar panel charged battery Minimum of 5 QSOs	Ray, KD4RSL
W1AW Bulletin	100 pts	Copy field day bulletin	Dick, W2YE
Educational Activity Bonus	100 pts		Shawn, KN4GDU
Site Visitation by elected Government Official	100 pts		Marty, NV3H
Site Visitation by a Representative of an Agency	100 pts		Marty, NV3H
GOTA Station	> 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		Gordon, NQ4K (Coach)
Web submission	50 pts		Dick, W2YE
Youth Participation	20 pts x 5 per youth = 100 pts max	Make at least 1 QSO	Tod, KN4BGX
Social Media	100 pts	Promote via social media	Marty, NV3H
Safety Officer	Safety officer completes Safety Check List = 100 pts		Gary, K4SRX

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.

d. All times are subject to friendly negotiation.

Date/Time	#1 HF CW	#2 HF SSB	#3 HF SSB	GOTA	VHF
Saturday				COACH: Gordon, NQ4K	
1400 - 1500					
1500 - 1600					
1600 - 1700					
1700 - 1800					
1800 - 1900					
1900 - 2000	Red, N3TG			Adrienne, K3MAF	
2000 - 2100	Red, N3TG			Adrienne, K3MAF	
2100 - 2200		Eric, AJ4LN			
2200 - 2300		Eric, AJ4LN			
2300 - 2400		Jim, AF4MO			
Sunday					
2400 - 0100		Jim, AF4MO	Gordon, NQ4K		
0100 - 0200		Jim, AF4MO	Gordon, NQ4K		
0200 - 0300		Jim, AF4MO	Gordon, NQ4K		
0300 - 0400		Jim, AF4MO	Gordon, NQ4K		
0400 - 0500	Mike, WB8RDN	Jim, AF4MO	John, W3XWT		
0500 - 0600	Mike, WB8RDN	Jim, AF4MO	John, W3XWT		
0600 - 0700	Mike, WB8RDN		John, W3XWT		
0700 - 0800			John, W3XWT		
0800 - 0900			John, W3XWT		
0900 - 1000					
1000 - 1100					
1100 - 1200					
1200 - 1300					
1300 - 1400					

CW Ops: Duane, K4UW; Dick, W2YE; Mike, WB8RDN; Red, N3TG,