

Sterling Park Amateur Radio Club (SPARC) 2016 Field Day

DRAFT 24 June 2016

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
Saturday	11 Jun 16	1:00 PM	Computer/Radio Setup/Testing at Eric/AJ4LN QTH
Friday	24 Jun 16	7:00 PM	Antenna set-up preparation
Saturday	25 Jun 16	10:00 AM	Local: Station set-up In so far as possible, do not park on field.
Saturday	25 Jun 16	2:00 PM (1800 UTC)	Radio operations begin
Saturday	25 Jun 16	5:00 PM	Education session
Saturday	25 Jun 16	6:00 PM	Party with food and drink
Sunday	26 Jun 16	2:00 PM (1800 UTC)	Radio operations end
Sunday	26 Jun 16	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: Kevin, W4KLS; Russ, W3RST; 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.
Set up on **Saturday, 11 June at 1:00 PM**, at Eric's QTH.
- 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. (Paul, K4PDF, John, N2PBY, Paul, KK4AIA, and Eric, AJ4LN).
- c. Several tables. 2x (Paul, KK4AIA), Eric, AJ4LN and **TBD**.

6. Club Party – **TBD** , will organize.

- a. Drinks: Everyone donates some drinks (in cooler or not) and puts them in QRM Tent.
- b. Food: Request \$5 donation from attendees. SPARC treasury will pay for remainder.
- c. 1700: Food run. Probably subs from Joe's, chips, etc.
- d. 1800: All sit around, eat, drink, and talk. Station operators remain on radios.

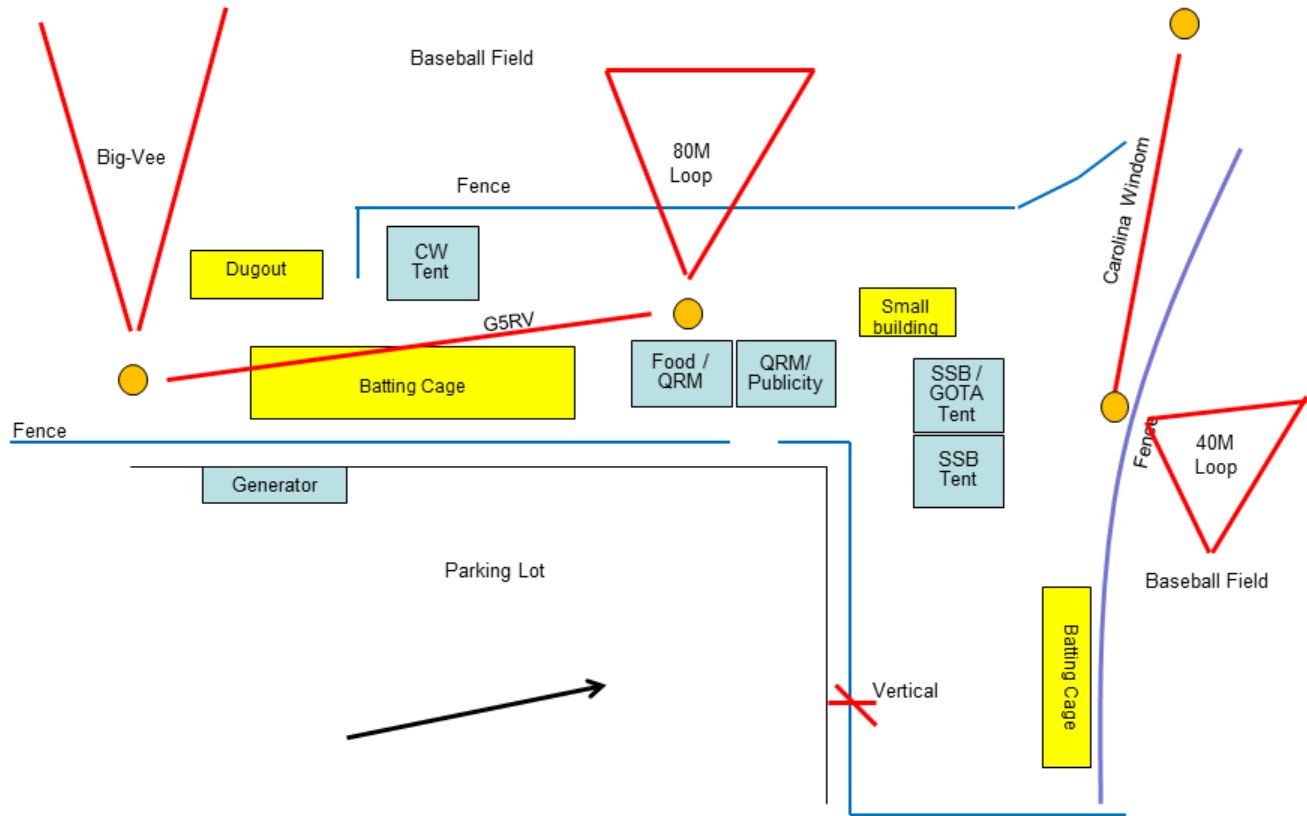
Table 1. Station Equipment

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	Pop-Up (John, N2PBY)	Club Tent #2 (Gordon, K4NVA)	Club Tent # 1 (Gordon, K4NVA)	Club Tent #1 (Gordon, K4NVA)	Van (Ray, KD4RSL)
Table	5-ft table TBD	6-ft table TBD	6-ft Table Blair, KC9BBW	6-ft table (Gordon, NQ4K)	(Ray, KD4RSL)
Radio	ICOM 756 (Dick -W2YE)	TS-570D(G) (Eric, AJ4LN)	IC-7000 Blair, KC9BBW	ICOM-730 (Gordon, NQ4K)	(Ray, KD4RSL)
Antenna Tuner		n/a	Red, N3TG	(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 (Dick, W2YE)	Networked computer (Eric, AJ4LN)	Networked Computer. Eric, AJ4LN	Stand-alone computer (Gordon, NQ4K)	Standalone.
Power Strip	Dick, W2YE	Eric, AJ4LN	Blair, KC9BBW	Gordon, NQ4K)	(Ray, KD4RSL)
Lamps (for night)	TBD	Eric, AJ4LN	Blair, KC9BBW	Gordon, NQ4K	

7. Bonus Points

Bonus Point Category	Points	Comment	POC
100% Emergency Power	3 x 100 = 300	Generator and distribution line	Russ, W3RST
Media Publicity:	100	Loudoun Times.	Jim, AF4MO
Public Location	100	Park View High School	Paul, K4PDF/ Gordon, NQ4K
Public Information Table	100	Table with Banner, pamphlets, etc.	Gordon, NQ4K
Message Origination to Section Manager	100	formal message	
Message Handling	10 msg x 10 pts = 100	Send 10 messages	
Satellite QSO	100 pts		Ray, KD4RSL
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		Kevin, W4KLS
Site Visitation by elected Government Official	100 pts		Marty, NV3H
Site Visitation by a Representative of an Agency	100 pts		Kevin, W4KLS
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	TBD
Social Media	100 pts	Promote via social media	Marty, NV3H (www.twitter.com/sparcradio)
Safety Office	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.
- All times are subject to friendly negotiation.

Date/Time	#1 HF CW	#2 HF SSB	#3 HF SSB	GOTA	VHF
Saturday					
1400 - 1500	Mike, WB8RDN		Rob, W4VRD		
1500 - 1600	Mike, WB8RDN		Marty, NV3H	Evelyn	
1600 - 1700	Mike, WB8RDN		Marty, NV3H	Evelyn	
1700 - 1800	Mike, WB8RDN		Rob, W4VRD	Jay, KM4RSS	
1800 - 1900	Mike, WB8RDN			Jay, KM4RSS	
1900 - 2000	Red, N3TG			Kathleen, KM4RSR	
2000 - 2100	Red, N3TG	Eric, AJ4LN	Eric, KB0NRK Mary, KK4HMX	Kathleen, KM4RSR	
2100 - 2200	Red, N3TG	Eric, AJ4LN	Eric, KB0NRK Mary, KK4HMX		
2200 - 2300	Red, N3TG		Eric, KB0NRK Mary, KK4HMX		
2300 - 2400		Jim, AF4MO			
Sunday					
2400 - 0100		Jim, AF4MO			
0100 - 0200		Jim, AF4MO			
0200 - 0300		Jim, AF4MO			
0300 - 0400		Jim, AF4MO			
0400 - 0500		Jim, AF4MO			
0500 - 0600		Jim, AF4MO	Blair, KC9BBW		
0600 - 0700		Marty, NV3H	Blair, KC9BBW		
0700 - 0800		Marty, NV3H	Blair, KC9BBW		
0800 - 0900	Mike, WB8RDN				
0900 - 1000	Mike, WB8RDN				
1000 - 1100	Mike, WB8RDN				
1100 - 1200	Mike, WB8RDN				
1200 - 1300	Mike, WB8RDN		Blair, KC9BBW		
1300 - 1400	Mike, WB8RDN		Blair, KC9BBW		