

Sterling Park Amateur Radio Club (SPARC) 2014 Field Day

24 June 2014

1. SPARC will operate a Class 3A amateur radio station on Field Day from Park View High School.
(4 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	27 Jun 14	7:00 PM	Antenna set-up preparation
Saturday	28 Jun 14	10:00 AM	Local: Station set-up In so far as possible, do not park on field.
Saturday	28 Jun 14	2:00 PM (1800 UTC)	Radio operations begin
Saturday	28 Jun 14	5:00 PM	Education session
Saturday	28 Jun 14	6:00 PM	Party with food and drink
Sunday	29 Jun 14	2:00 PM (1800 UTC)	Radio operations end
Sunday	29 Jun 14	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, AAJ4LN.
Networked computers linked by wire. Networking equipment and cables provided by Eric, AJ4LN.
Set up on Saturday, 7 June, 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, K4NVA
- 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. Three tents if possible. (Paul, K4PDF, John, N2PBY, Paul, KK4AIA, and Eric, AJ4LN).
- c. Several tables. All should bring chairs.

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

- a. Drinks: Everyone brings 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.
Food run at 5:00 PM. Probably subs from Joe's, chips, etc.
- c. 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 10M (Station #3)	HF GOTA (Bonus Station)	VHF (Bonus Station)
Call Sign	K4NVA	K4NVA	K4NVA	NQ4K	K4NVA
Tent	Pop-Up (John, N2PBY)	Club Tent #1 (Gordon, K4NVA)	Club Tent # 2 (Gordon, K4NVA)	Club Tent #1 (Gordon, K4NVA)	Van (Ray, KD4RSL)
Table	5-ft table (Gordon, NQ4K)	6-ft table (Gordon- NQ4K)	Table (Jim, KF4PQL)	6-ft table (Gordon- NQ4K)	(Ray, KD4RSL)
Radio	ICOM 756 (Dick - W2YE)	TS-570D(G) (Eric, AJ4LN)	FT-100 (Jim, KF4PQL)	ICOM-730 (Gordon, NQ4K)	(Ray, KD4RSL)
Antenna Tuner		n/a	(Jim, KF4PQL)	(Gordon, NQ4K)	(Ray, KD4RSL)
Transmission Line	See Below	See Below	(Jim, KF4PQL)	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. (Jim (KF4PQL)	Stand-alone computer (Gordon, NQ4K)	Standalone.
Power Strip		(Gordon, NQ4K)	(Jim, KF4PQL)	Gordon, NQ4K)	(Ray, KD4RSL)
Lamps (for night)		Jim, AF4MO	Gordon, NQ4K	Gordon, NQ4K	

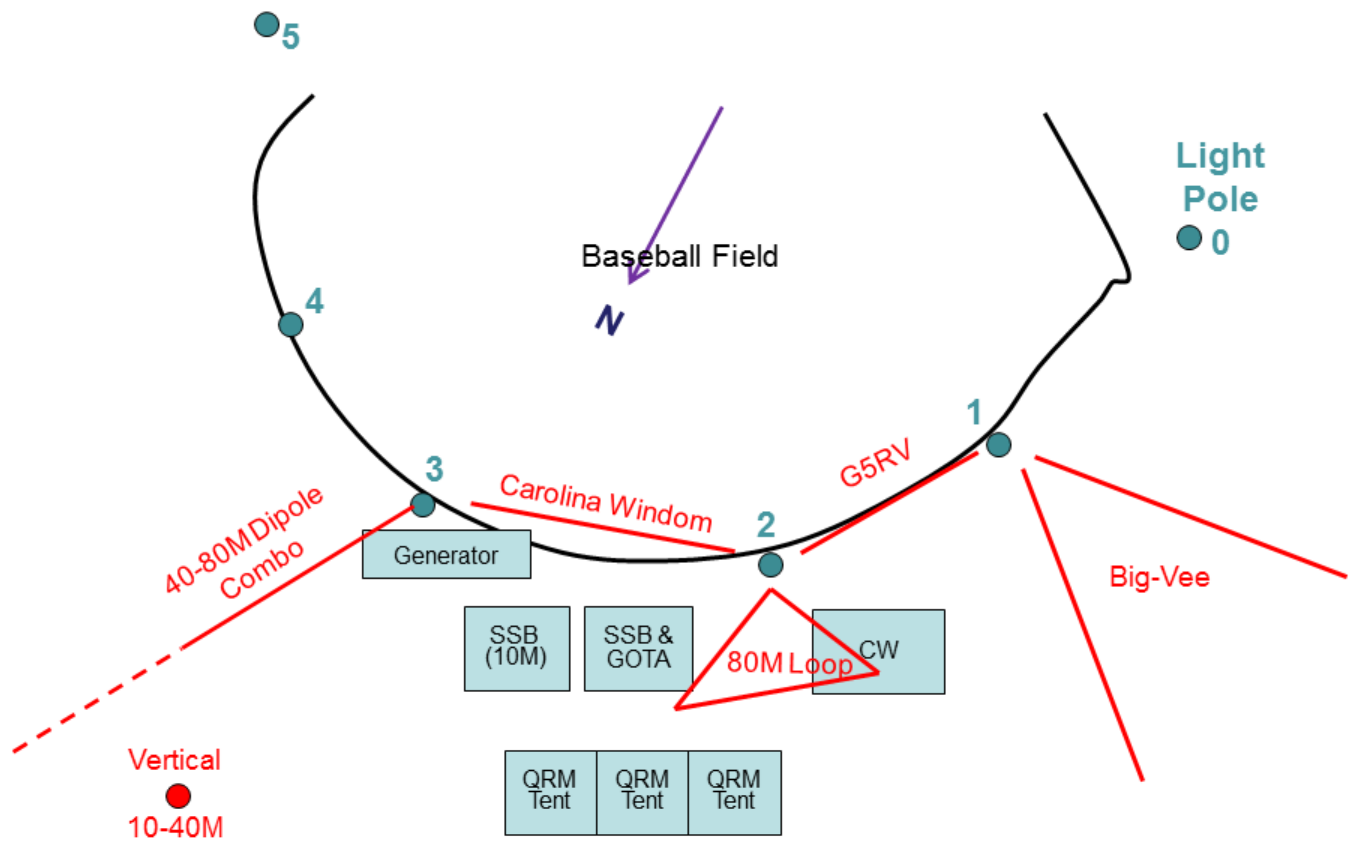
7. Bonus Points

Bonus Point Category	Points	Comment	POC
100% Emergency Power	3 x 100 = 400	Generator and distribution line	Russ, W3RST
Media Publicity:	100	Loudoun Times.	Jim, AF4MO
Public Location	100	Park View High School	Jim, KF4PQL
Public Information Table	100	Table with Banner, pamphlets, etc.	John, KK4AHY
Message Origination to Section Manager	100	formal message	Bill, KJ4VTH
Message Handling	10 msg x 10 pts = 100	Send 10 messages	Bill, KJ4VTH
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		Jim, KF4PQL
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	

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.



Big-Vee
 80M Loop
 40-80M Dipole
 G5RV
 Carolina Windom
 Vertical 10-40M

Don, K7CS
 Don, K7CS
 Don, K7CS
 Dick, W2YE
 Dick, W2YE
 ???

Date/Time	HF CW #1	HF SSB #2	HF SSB (10M) #3	GOTA	VHF
Saturday					
1400 - 1500	Duane, K4UW		Jim, KF4PQL, et al		Ray, KD4RSL
1500 - 1600	Duane, K4UW		Jim, KF4PQL, et al		Ray, KD4RSL
1600 - 1700			Jim, KF4PQL, et al		Ray, KD4RSL
1700 - 1800			Jim, KF4PQL, et al		Ray, KD4RSL
1800 - 1900		Eric, AJ4LN	Jim, KF4PQL, et al		Ray, KD4RSL
1900 - 2000		Eric, AJ4LN	Jim, KF4PQL, et al		Ray, KD4RSL
2000 - 2100	Red, N3TG	Bill, KJ4VTH	Jim, KF4PQL, et al		Ray, KD4RSL
2100 - 2200	Red, N3TG	Bill, KJ4VTH	Jim, KF4PQL, et al		Ray, KD4RSL
2200 - 2300	Red, N3TG	Bill, KJ4VTH	Jim, KF4PQL, et al		
2300 - 2400	Red, N3TG	Bill, KJ4VTH			
Sunday					
2400 - 0100		Jim, AF4MO			
0100 - 0200		Jim, AF4MO			
0200 - 0300		Jim, AF4MO			
0300 - 0400		Jim, AF4MO			
0400 - 0500		Jim, AF4MO			Ray, KD4RSL
0500 - 0600		Jim, AF4MO			Ray, KD4RSL
0600 - 0700		Marty, NV3H			Ray, KD4RSL
0700 - 0800		Marty, NV3H		Evelyn	Ray, KD4RSL
0800 - 0900		Marty, NV3H		Evelyn	Ray, KD4RSL
0900 - 1000			Jim, KF4PQL, et al		Ray, KD4RSL
1000 - 1100			Jim, KF4PQL, et al		Ray, KD4RSL
1100 - 1200			Jim, KF4PQL, et al		Ray, KD4RSL
1200 - 1300			Jim, KF4PQL, et al		Ray, KD4RSL
1300 - 1400			Jim, KF4PQL, et al		Ray, KD4RSL