

Sterling Park Amateur Radio Club (SPARC)

2015 Field Day

Post-Field Day 30 June 2015

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	26 Jun 15	7:00 PM	Antenna set-up preparation
Saturday	27 Jun 15	10:00 AM	Local: Station set-up In so far as possible, do not park on field.
Saturday	27 Jun 15	2:00 PM (1800 UTC)	Radio operations begin
Saturday	27 Jun 15	5:00 PM	Education session
Saturday	27 Jun 15	6:00 PM	Party with food and drink
Sunday	28 Jun 15	2:00 PM (1800 UTC)	Radio operations end
Sunday	28 Jun 15	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 1100 on 21 Jun, 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 if possible. (Paul, K4PDF, John, N2PBY, Paul, KK4AIA, and Eric, AJ4LN).).
- c. Several tables. 2x (Paul, KK4AIA), Eric, AJ4LN, and **TBD**. 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 (Station #3)	HF GOTA (Bonus Station)	VHF (Bonus Station)
Call Sign	K4NVA	K4NVA	K4NVA	NQ4K	K4NVA
Table	5-ft table (Gordon, NQ4K)	6-ft table (Gordon-NQ4K)	5-ft Table (Gordon, NQ4K)	6-ft table (Gordon-NQ4K)	(Ray, KD4RSL)
Radio	ICOM 756 (Dick -W2YE)	TS-570D(G) (Eric, AJ4LN)	ICOM-738 (Gordon, NQ4K)	ICOM-730 (Gordon, NQ4K)	(Ray, KD4RSL)
Antenna Tuner		n/a	Built-in	(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	(Gordon, NQ4K)	Gordon, NQ4K)	(Ray, KD4RSL)

Used commercial power. Did not use Club Generator due to safety concerns with heavy rain.

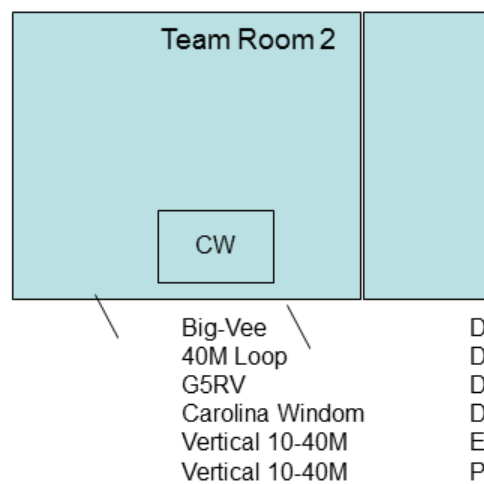
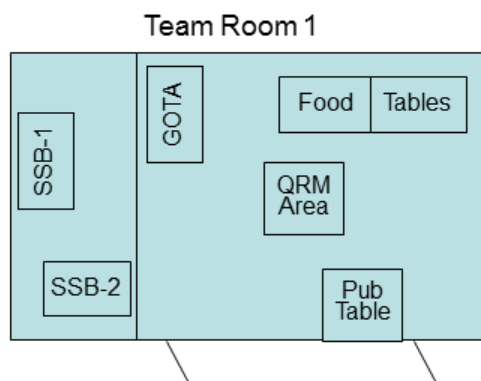
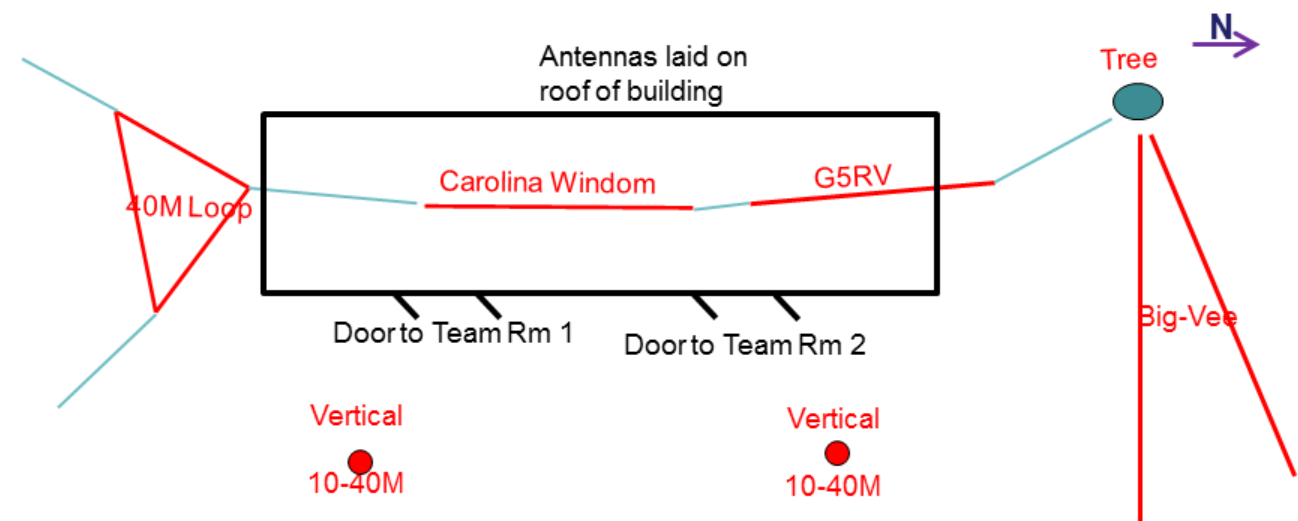
7. Bonus Points

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	Gordon, NQ4K
Public Information Table	100	Table with Banner, pamphlets, etc.	Gordon, NQ4K
Message Origination to Section Manager	100	formal message	Bill, KJ4VTH/ Paul, KK4AIA
Message Handling	10 msg x 10 pts = 100	Send 10 messages	Bill, KJ4VTH/ Paul, KK4AIA
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	Paul, K4PDF

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	HF CW #1	HF SSB #2	HF SSB #3	GOTA	VHF
Saturday					
1400 - 1500	Forest, N4UTY	Monte, KV4KS	Marty, NV3H	Evelyn	Ray, KD4RSL
1500 - 1600	Forest, N4UTY	Monte, KV4KS	Marty, NV3H	Evelyn	Ray, KD4RSL
1600 - 1700	Forest, N4UTY				Ray, KD4RSL
1700 - 1800	Dick, W2YE				Ray, KD4RSL
1800 - 1900	Dick, W2YE			Betsy	Ray, KD4RSL
1900 - 2000	Dick, W2YE				Ray, KD4RSL
2000 - 2100	Don, K4YND	Eric, AJ4LN			Ray, KD4RSL
2100 - 2200	Mike	Eric, AJ4LN	Chris, KK4HDG		Ray, KD4RSL
2200 - 2300	Mike		Chris, KK4HDG		
2300 - 2400	Mike		Chris, KK4HDG		
Sunday					
2400 - 0100			Chris, KK4HDG		
0100 - 0200			Blair, KC9BBW		
0200 - 0300	Mike, WB2QOK		Blair, KC9BBW		
0300 - 0400	Mike, WB2QOK		Blair, KC9BBW		
0400 - 0500	Mike, WB2QOK		Blair, KC9BBW		Ray, KD4RSL
0500 - 0600			Paul, K4PDF		Ray, KD4RSL
0600 - 0700	Duane, K4UW		Paul, K4PDF		Ray, KD4RSL
0700 - 0800	Duane, K4UW	Marty, NV3H	Paul, K4PDF		Ray, KD4RSL
0800 - 0900	Duane, K4UW	Marty, NV3H			Ray, KD4RSL
0900 - 1000					Ray, KD4RSL
1000 - 1100					Ray, KD4RSL
1100 - 1200					Ray, KD4RSL
1200 - 1300					Ray, KD4RSL
1300 - 1400					Ray, KD4RSL

Duan3, dick, and Mike filled in CW station for duration of event. Gordon filled in SSB station periodically.