

# Sterling Park Amateur Radio Club (SPARC)

## 2012 Field Day

21 June 2012

1. SPARC will operate a Class 4A amateur radio station on Field Day from Park View High School.  
(4 transmitters (CW, 2xPhone, Phone/CW/RTTY) plus extra VHF/UHF transmitter and HF Phone GOTA transmitter).

2. The station schedule is:

22 Jun 12 Friday 7:00 PM Local: Antenna set-up preparation  
 23 Jun 12 Saturday 10:00 AM Local: Station set-up (in so far as possible, do not park on field)  
 23 Jun 10 Saturday 2:00 PM Local (1800 UTC): Radio operations begin  
 23 Jun 10 Saturday 6:00 PM Local: Education session - party with food and drink  
 24 Jun 10 Sunday 2:00 PM Local (1800 UTC): Radio operations end  
 24 Jun 10 Sunday 2:00 PM Local: Station take-down starts

3. There will be six radio stations as follows:

Equipment	HF CW	HF CW/SSB	HF SSB	10M SSB	Digital / RTTY Demo Station	HF GOTA (Bonus Station)	VHF (Bonus Station)
Call Sign	K4NVA	K4NVA	K4NVA	K4NVA	K4NVA	NQ4K	K4NVA
Tent	Kevin Pop-Up	Kevin Pop-Up	Club Tent #1 (Gordon, K4NVA)	10m/VHF Tent	10M/VHF Tent	Club Tent #1 (Gordon, K4NVA)	Van (Ray, KD4RSL)
Table	6-ft table (Don, K7CS)	5-ft table (Gordon, NQ4K)	6-ft table (Gordon-NQ4K)	Table (Jim, KF4PQL)	Table (Gordon, NQ4K)	6-ft table (Gordon-NQ4K)	(Ray, KD4RSL)
Radio	IC-756 (Don-K7CS)	(Don, K7CS)	ICOM 756 (Dick -W2YE)	FT-100 (Jim, KF4PQL)	FT-840 (Kevin, W4KLS)	Something (Gordon, NQ4K)	(Ray, KD4RSL)
Antenna Tuner	Manual Tuner (Don, K7CS)	(Don, K7CS)	n/a	(Jim, KF4PQL)	W/ Artificial Grd (Kevin, W4KLS)	(Gordon, NQ4K)	(Ray, KD4RSL)
Transmission Line	See Below	See Below	See Below	(Jim, KF4PQL)	See Below	See Below	(Ray, KD4RSL)
Antenna	See below diagram	See below diagram	See below diagram	See below diagram	See below diagram	See below diagram	(Ray, KD4RSL)
Logging	Networked computer (Don, K7CS)	Networked computer (Dick, W2YE).	Networked computer (Eric, AJ4LN)	Networked Computer. (Jim (KF4PQL)	Laptop (Kevin, W4KLS) w/ MMTTY for RTTY operation.	Stand-alone computer (Gordon, NQ4K)	Standalone.
Power Strip	(Don, K7CS)	(Don, K7CS)	(Gordon, NQ4K)	(Jim, KF4PQL)	(Kevin, W4KLS)		(Ray, KD4RSL)
Lamps (for night)	Bruce, KJ4MFF		Jim, AF4MO			Gordon, NQ4K	

#### 4. Other Equipment

- a. Ropes for hauling Antennas: Dick, W2YE; Don, K7CS;
- b. Folding Chairs: Everybody (need lots of chairs);
- c. Transmission Line: Don, K7CS; Kevin, W4KLS; Russ, W3RST; Bill, WF1L
- 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.
- e. GOTA operator sign-in sheets, paper dup sheets, logging sheets, certificates: Gordon, K4NVA
- f. HF filters for transmission lines (80m 40m, 20m 15m): Dick, W2YE
- g. Computer screen shields: Jim, AF4MO

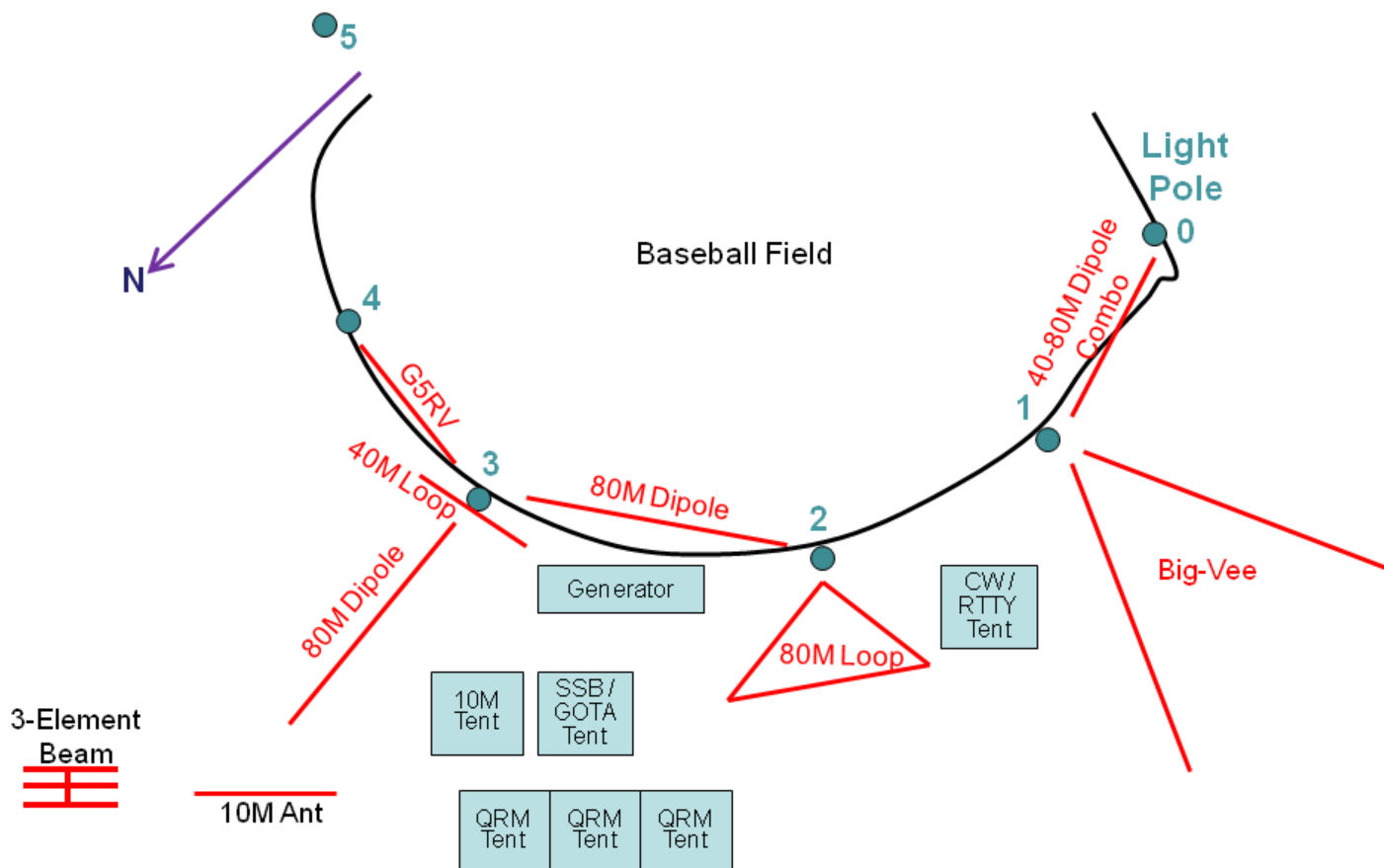
#### 5. Additional Points

- a. (3 x 100 pts) 100% Emergency Power: Generator and Distribution Line: Russ, W3RST
- b. (100 pts) Media Publicity: Jim, AF4MO, coordinates with Loudoun Times.
- c. (100 pts) Public Location: Jim, KF4PQL, coordinates with Park View High School as field location.
- d. (100 pts) Public Information Table: John, KK4AHY, sets up Table with Banner, pamphlets, etc.
- e. (100 pts) Message Origination to Section Manager: Bill, KJ4VTH, sends formal message (w/assistance from Bill, WF1L.
- f. (10 messages x 10 pts = 100 pts) Message Handling: Bill, KJ4VTH, sends 10 messages (w/assistance from Bill, WF1L.
- g. (100 pts) Satellite QSO: Ray, KD4RSL and Mark, KI4OBT
- h. (100 pts) Alternate Power: Ray, KD4RSL, will operate with solar panel charged battery  
for minimum of 5 QSO at VHF station.
- i. (100 pts) W1AW Bulletin: Dick, W2YE will copy field day bulletin.
- j. (100 pts) Educational Activity Bonus: Kevin, W4KLS, RMS Express software demo.
- k. (100 pts) Site Visitation by elected Government Official: Jim, KF4PQL.
- l. (100 pts) Site Visitation by a Representative of an Agency: Kevin, W4KLS
- m. (1000 pts) 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.  
Full-Time GOTA Coach doubles points (GOTA Coach: Gordon, NQ4K; and Linda, K4LDT)
- n. (50 pts) Web submission: Dick, W2YE
- o. (20 pts x 5 per youth = 100 pts max) Youth Participation: Jim, AF4MO, will coordinate with scouts.

6. Club Party - Mark, KI4OBT will organize.

- Drinks: Everyone brings some drinks (in cooler or not) and puts them in QRM Tent.
- 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.
- All sit around, eat, drink, and talk. Station operators remain on radios.

7. Field Day Layout



8. QRM Tents

A place for all to sit and talk when not operating the radios.

Three tents if possible. Gordon, NQ4K; Paul, K4PDF; Don, KC4RCG; Skip, KJ4LBB).

Several tables. All should bring chairs.

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 (local)	HF CW	HF SSB	HF CW/RTTY/SSB	HF GOTA	10M SSB	VHF
<b>Saturday</b>						
1400 - 1500	DDTJ	John, KK4AHY	Kevin, W4KLS		Jim, KF4PQL	Ray, KD4RSL
1500 - 1600	DDTJ	John, KK4AHY	Kevin, W4KLS		Jim, KF4PQL	Ray, KD4RSL
1600 - 1700	DDTJ	John, KK4AHY			Jim, KF4PQL	Ray, KD4RSL
1700 - 1800	DDTJ	Bill, AF4LL		Cedric, WA2FTV	Jim, KF4PQL	Ray, KD4RSL
1800 - 1900	DDTJ	Bill, AF4LL		Cedric, WA2FTV	Jim, KF4PQL	Ray, KD4RSL
1900 - 2000	DDTJ	Bill, AF4LL		Don, KC4RCG	Jim, KF4PQL	Ray, KD4RSL
2000 - 2100	DDTJ	Eric, AJ4LN		Don, KC4RCG	Jim, KF4PQL	Ray, KD4RSL
2100 - 2200	DDTJ	Eric, AJ4LN		Don, KC4RCG	Jim, KF4PQL	Ray, KD4RSL
2200 - 2300	DDTJ	Jim, AF4MO	Gordon, NQ4K	Don, KC4RCG		
2300 - 2400	DDTJ	Jim, AF4MO	Gordon, NQ4K			
<b>Sunday</b>						
2400 - 0100	DDTJ	Jim, AF4MO	Gordon, NQ4K			
0100 - 0200	DDTJ	Jim, AF4MO	Gordon, NQ4K			
0200 - 0300	DDTJ	Jim, AF4MO	Gordon, NQ4K			
0300 - 0400	DDTJ	Jim, AF4MO	Gordon, NQ4K			
0400 - 0500	DDTJ	Jim, AF4MO	Gordon, NQ4K			Ray, KD4RSL
0500 - 0600	DDTJ	Jim, AF4MO	Gordon, NQ4K			Ray, KD4RSL
0600 - 0700	DDTJ	Mark, KI4OBT		Skip, KJ4LBB		Ray, KD4RSL
0700 - 0800	DDTJ	Mark, KI4OBT		Skip, KJ4LBB		Ray, KD4RSL
0800 - 0900	DDTJ	Linda, K4LDT		Skip, KJ4LBB		Ray, KD4RSL
0900 - 1000	DDTJ	Linda, K4LDT				Ray, KD4RSL
1000 - 1100	DDTJ	Linda, K4LDT			Jim, KF4PQL	Ray, KD4RSL
1100 - 1200	DDTJ	John, KK4AHY			Jim, KF4PQL	Ray, KD4RSL
1200 - 1300	DDTJ	John, KK4AHY			Jim, KF4PQL	Ray, KD4RSL
1300 - 1400	DDTJ	John, KK4AHY			Jim, KF4PQL	Ray, KD4RSL

DDTJ – Don, Dick, Tom, and Jim. TBD

Anyone free to sit at 10M and VHF station at any time.