

MARC Field Day 2012

System Design

FD 2011 –Points We Left on the Table

- No Multiband (10-160) Dipole/ Inverted Vee.
- No backup antennas available
- Ineffective vertical operation; only other antenna on low bands besides tribander.

Solving 2011 Operational Problems

RF in the Shack - Baluns and Grounding

Cross talk between rigs – baluns and grounding

Desensitization between rigs – baluns and filters

Low QSO Rate- We will make noise, Let them know that you are there; Keep calling CQ until your rate exceeds 30/ hour – or if not happening, operational coordinator will suggest: S &P Seek and Pounce -

Field Day 2012 System Design Highlights

3A operation rather than 2A (+6M and GOTA)

20 meters back up dipole/ inverted Vee.

Multiband Inverted Vee (2nd try)

Band Pass Filters for 10/15/20/40/80

10 meter Yagi

Baluns for all Yagis and Dipoles/Inverted Vees.

Better pre-planning of satellite viewing times

Field Day 2012 Operational Highlights

More CW OPS (4 so far)

More Digital Ops (3 so far + 3 newbies)

GOTA Coordinators- Tom W3TDH, Bob KB3PMA, Bob W3XV?

Bonus Point Coordinators and Facilitators- Kevin , N3QYI - Lead, Fred Bader Ubermover.

Meeter and Greeter- PIO, Sid, N7HC, Bob KB3PMA, +
+

Field Day 2012 Logistical Highlights

Identification of Safety Officer – Ralph WB0JKV?

Dedicated Fire Extinguishers

Healthier/ Lower Carb/Lower Sugar food – Less party snacks, more nutrition: e.g.:

Eggs/Pancakes /Bagels/ OJ /Joe for breakfast

Food Overage goes to members first

NO ALCOHOL ON SITE.

FD2012 – Order of Battle for Antenna Installation

Team 1- Tribander on 50' Crankup, with Multi-band Inverted Vee hung from halyard at apex.

Team 2 – Elevated Vertical (10 ft high)- Fanned radials.

Team 1- 6 meter on 50' Crankup, with 40 Meter Inverted Vee hung from halyard at apex.

Team 2- 20 meter dipole on 30 foot push up

Team 1- 10- meter Yagi on 50 foot push up

FD2012 – Order of Battle for Rig, Cabling, Power and Ethernet Install

HF positions – CW/SSB or SSB/Digital, 2 RIGS and SDR.
2 at a time. Objective is Max CW and Dig.

Position 1- 6/10/20/40. (6 Meter Yagi, 10 meter Yagi,
20 meter Vee/Dip, 40 meter Inverted Vee.)

Position 2- 10/15/20/40/80/160 (Tribander, Vertical,
Multiband Vertical)

GOTA- Will utilize unused antenna from Position 2 and
20 meter Inverted Vee/Dipole if available