

# NFARL Antenna Special Interest Group (SIG) Self-Study Reading Assignments

## Month 3 – Wire Antenna Choices – Loop Antennas

- Week 1 – for net discussion on 03/11/2010

### Vertical Antennas: Elevated, Ground Mounted and Radial Systems

- "Full Size Verticals" ARRL Antenna Book, pp. 6-16 to 6-24
- "Shortened Verticals" ARRL Antenna Book, pp. 6-29 to 6-33
- "An Experimental Look at Ground Systems for HF Verticals"  
QST, March 2010, Rudy Severns, N6LF
- "Verticals without Vertigo" Cebik Site: [www.cebik.com/content/fdim/fdim4.html](http://www.cebik.com/content/fdim/fdim4.html)

- Week 2 – for net discussion on 03/18/2010

### Loops in General

- "Small Loop Antennas" ARRL Antenna Book, pp. 5-1 to 5-19, 14- to 14-4

### Medium Size vertical rectangular Loops

- "The Mono Band Quad Loop" ARRL Antenna Book, pp. 12-1 to 12-11
- "Diamond versus Square shape" ARRL Antenna Book, p. 12-5
- "The Double Twin Quad" <http://www.hamuniverse.com/doubletwinquad.html>
- "The Skeleton Slot Antenna" <http://www.drwilks.freeuk.com/>

- Week 3 – for net discussion on 03/25/2010

### Medium Size vertical triangular Loop

- "The Mono Band Delta Loop" <http://www.f5vkm.com/>
- "The Multi Band Delta Loop" <http://www.hamuniverse.com/k17jreasyvertloop.html>
- "The Super Loop Antenna" <http://larc.hamgate.net/SuperLoop.htm>

- Week 4 – for net discussion on 04/01/2010

### Large horizontal Multi Band Loops

- "Loop Sky Wire or 80m Loop" ARRL Antenna Book, pp. 5-20 to 5-22  
[www.arrl.org/members-only/tis/info/pdf/0208030.pdf](http://www.arrl.org/members-only/tis/info/pdf/0208030.pdf)
- "The Rhombic Antenna" ARRL Antenna Book, pp. 13-9 to 13-15  
<http://www.tpub.com/neets/book10/42o.htm>