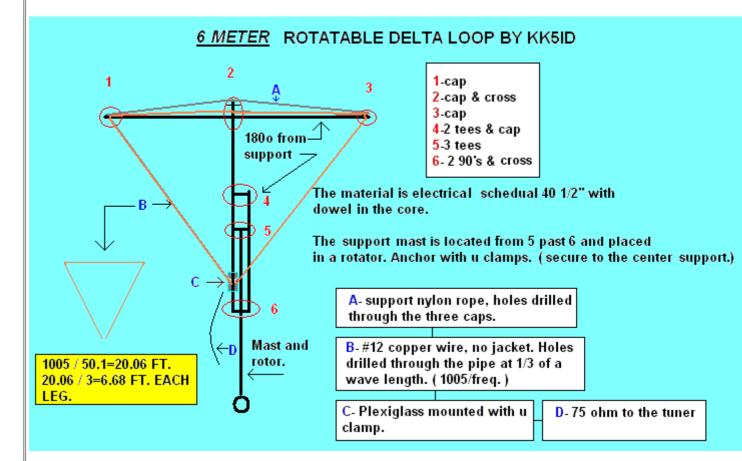
THE KK5ID 6 METER ROTATABLE DELTA LOOP PROJECT

The 6 Meter Band may be dead at times, but help bring it to life with Larry's rotatable loop project.

Simple, easy to build and won't break the bank.

Straight from Gun Barrel City, Texas, (Home of Hamuniverse.com), where antennas are "Smokin" over Cedar Creek Lake in East Texas.

Get out your weapons, load up this "Six" shooter and fire a couple of rounds at 6 meter fun with this antenna project!



Construction Details

Note that no lengths or detailed construction info is given for the supporting mast of the many variables involved with each builder's experience. Use your own besenthod to support the antenna on the rotor.

The Delta Loop is bi-directional, with usable lobes off the ends and has been of of my favorite antennas. I have found that it will perform quite well in a fixed position. The 6 meter loop is small enough to erect a form around it and I have done this with ½" electrical pvc schedule 40 pipe with dowel inserted inside for extra strength. The caps and tees were put on without glue at first to get the size and shape I wanted and then it was dismantled one section at a time and glued with pvc glue. After it was put together, I inserted one self taping screw at each connection to make sure that it was solid. The design of the support came from sleepless night vision.

Is it funny looking? Sorta! Can it be improved on? Yes. Does it work? You bet!

The antenna works best if the "crust" side of the "pie slice shape" is up and the support accomplishes this. You are now able to put it in a rotor and rotate for b directional transmissions.

Impress Your Neighbors

THE ANTENNA THEORY!

My theory is cut the wire to spec, hang it up, hook it to a tuner and get after it. The thing works great! 25 or 30 bucks (2004 prices!) and you are in business! Good grief, did I get off on a tangent? Don't print this the way I presented it. Son electrical genius will punch my lights out and another DX HOG will swear that I a full of Texas tumbleweed, tall fish tales and bull ____. Oh well, you know what mean. Fact is that 6 meters doesn't need 20 horizontal elements at 200 feet to be able to work Es from Texas to Florida!.......Good luck and good DX...... KK5ID LARRY

POWERED BY HAM RADIO!