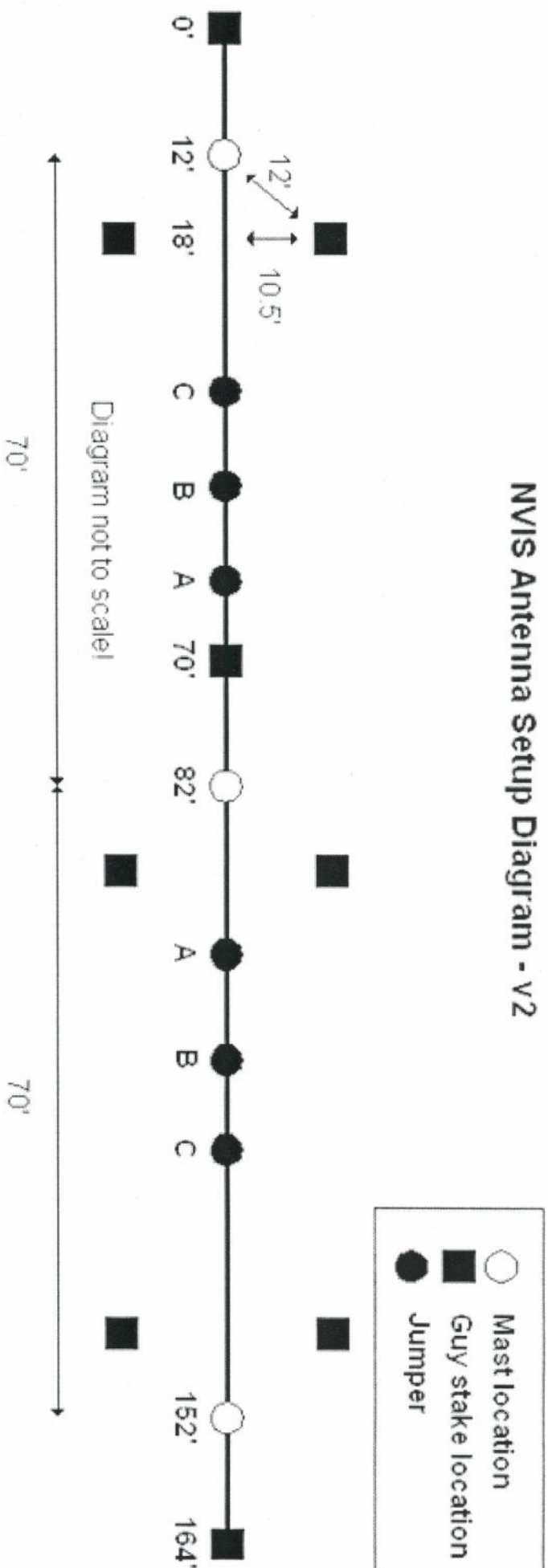


NVIS Antenna Setup Diagram - V2



Setup Notes

Stakes should be approximately 12' from mast, adjusted as required to support mast. Guys are #18 mason's line.

Extra dimensions are to aid in quick assembly.

A slight "dogleg" such as below is fine, as long as the 70' distance between masts is maintained.

Antenna Notes

The antenna is constructed of a center insulator, 68' of 22 gauge insulated wire for each side, a 12" length of RG-58 coax as feedline, insulators and jumpers to cover 4 bands, and 2 end insulators. The antenna is roughly pre-tuned.

The antenna is supported at the ends with 1/8" braided nylon rope, slipped through a steel chain link attached to the top of each end mast. The center insulator is bolted to the top of the middle mast.

There are jumpers to allow operation on different bands:

For 40m - Jumper A open, others closed

For 60m - Jumper A closed, B open, C closed

For 80m voice - Jumpers A & B closed, C open

For 80m digital - All jumpers closed

Each mast is 12' high, and consists of four 3' sections of 1" EMT (thinwall electrical conduit) joined together with 9" sections of 1" 16 gauge steel tubing.