

Illustrations (copyright may apply) to aid discussion of draft District Plan submission #175.



Above: a 47-element rope Yagi for the 144 MHz band, the elements (metal tubes) are 6mm diameter. In another design, rods of only 3.2mm diameter were used. The longest element is 1.05 metres, but the assembly length is 30 metres. The two ropes need only be 3mm thick.

Below: a 15-element rope Yagi for the 50 MHz band, the elements are 9.5mm diameter. The assembly was tilted from the horizontal to be better photographed. The longest element is 2.94m long, and the total length is 30.1m. The rope diameter is not quoted, but 6mm can be estimated.

