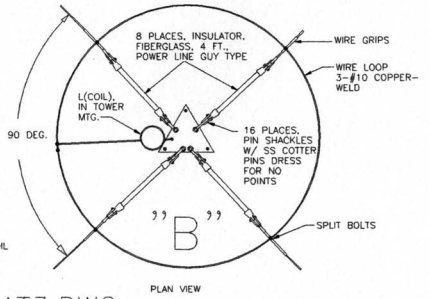
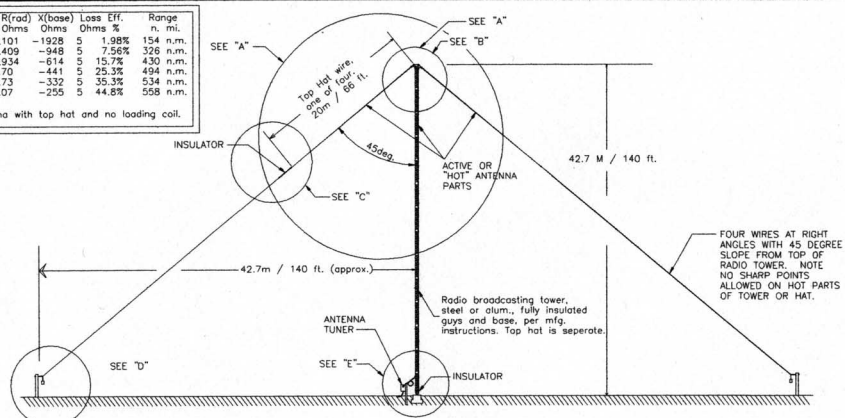
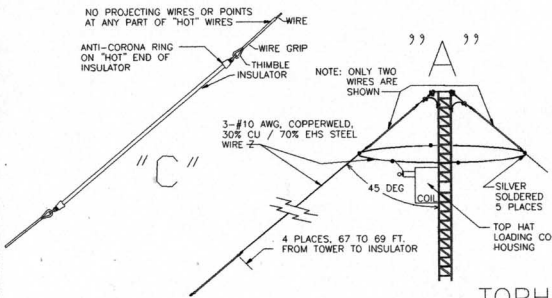
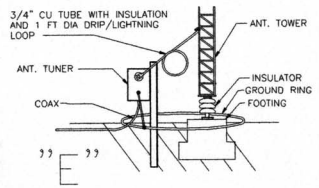
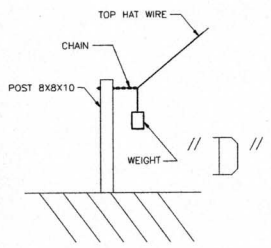


FREQ	R(rad)	X(base)	Loss	Eff.	Range
KHz	Ohms	Ohms	Ohms	%	n. mi.
100	.101	-1928	5	1.98%	154 n.m.
200	.409	-948	5	7.56%	326 n.m.
300	.934	-614	5	15.7%	430 n.m.
400	1.70	-441	5	25.3%	494 n.m.
500	2.73	-332	5	35.3%	534 n.m.
600	4.07	-255	5	44.8%	558 n.m.

Antenna with top hat and no loading coil.



TOPHAT3.DWG

Arctic Antenna Company
 TOP LOADED VERTICAL ANTENNA
 FOR LOW AND MEDIUM FREQS.
 June 12, 2001 Big Lake, Alaska