EXHIBIT A

Freq MHz	POWER			EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (kHz)(1)
	(B)	(C)	(D)			
5.735 - 6.195	20KW	2000KW	Mean	FMCW	Digital	8.333
5.735 - 6.195	20KW	2000KW	Mean	FMCW	Digital	16.667
5.735 - 6.195	20KW	2000KW	Mean	FMCW	Digital	25.000
6.770 - 6.995	20KW	2000KW	Mean	FMCW	Digital	8.333
6.770 - 6.995	20KW	2000KW	Mean	FMCW	Digital	16.667
6.770 - 6.995	20KW	2000KW	Mean	FMCW	Digital	25.000
7.305 - 8.190	20KW	2000KW	Mean	FMCW	Digital	8.333
7.305 - 8.190	20KW	2000KW	Mean	FMCW	Digital	16.667
7.305 - 8.190	20KW	2000KW	Mean	FMCW	Digital	25.000
9.045 - 9.985	20KW	2000KW	Mean	FMCW	Digital	8.333
9.045 - 9.985	20KW	2000KW	Mean	FMCW	Digital	16.667
9.045 - 9.985	20KW	2000KW	Mean	FMCW	Digital	25.000
10.155 - 11.170	20KW	2000KW	Mean	FMCW	Digital	8.333
10.155 - 11.170	20KW	2000KW	Mean	FMCW	Digital	16.667
10.155 - 11.170	20KW	2000KW	Mean	FMCW	Digital	25.000
11.405 - 12.325	20KW	2000KW	Mean	FMCW	Digital	8.333
11.405 - 12.325	20KW	2000KW	Mean	FMCW	Digital	16.667
11.405 - 12.325	20KW	2000KW	Mean	FMCW	Digital	25.000
13.415 - 13.995	20KW	2000KW	Mean	FMCW	Digital	8.333
13.415 - 13.995	20KW	2000KW	Mean	FMCW	Digital	16.667
13.415 - 13.995	20KW	2000KW	Mean	FMCW	Digital	25.000
14.355 - 14.985	20KW	2000KW	Mean	FMCW	Digital	8.333
14.355 - 14.985	20KW	2000KW	Mean	FMCW	Digital	16.667
14.355 - 14.985	20KW	2000KW	Mean	FMCW	Digital	25.000
15.105 - 16.455	20KW	2000KW	Mean	FMCW	Digital	8.333
15.105 - 16.455	20KW	2000KW	Mean	FMCW	Digital	16.667
15.105 - 16.455	20KW	2000KW	Mean	FMCW	Digital	25.000
17.365 - 17.895	20KW	2000KW	Mean	FMCW	Digital	8.333
17.365 - 17.895	20KW	2000KW	Mean	FMCW	Digital	16.667
17.365 - 17.895	20KW	2000KW	Mean	FMCW	Digital	25.000
18.035 - 18.060	20KW	2000KW	Mean	FMCW	Digital	8.333
18.035 - 18.060	20KW	2000KW	Mean	FMCW	Digital	16.667
18.035 - 18.060	20KW	2000KW	Mean	FMCW	Digital	25.000
18.175 - 19.985	20KW	2000KW	Mean	FMCW	Digital	8.333
18.175 - 19.985	20KW	2000KW	Mean	FMCW	Digital	16.667

EXHIBIT A

Freq MHz	POWER (B)	(C)	(D)	EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (kHz)(1)
18.175 - 19.985	20KW	2000KW	Mean	FMCW	Digital	25.000
20.015 - 20.995	20KW	2000KW	Mean	FMCW	Digital	8.333
20.015 - 20.995	20KW	2000KW	Mean	FMCW	Digital	16.667
20.015 - 20.995	20KW	2000KW	Mean	FMCW	Digital	25.000
21.455 - 21.845	20KW	2000KW	Mean	FMCW	Digital	8.333
21.455 - 21.845	20KW	2000KW	Mean	FMCW	Digital	16.667
21.455 - 21.845	20KW	2000KW	Mean	FMCW	Digital	25.000
22.725 - 23.195	20KW	2000KW	Mean	FMCW	Digital	8.333
22.725 - 23.195	20KW	2000KW	Mean	FMCW	Digital	16.667
22.725 - 23.195	20KW	2000KW	Mean	FMCW	Digital	25.000
23.355 - 24.885	20KW	2000KW	Mean	FMCW	Digital	8.333
23.355 - 24.885	20KW	2000KW	Mean	FMCW	Digital	16.667
23.355 - 24.885	20KW	2000KW	Mean	FMCW	Digital	25.000
25.015 - 25.065	20KW	2000KW	Mean	FMCW	Digital	8.333
25.015 - 25.065	20KW	2000KW	Mean	FMCW	Digital	16.667
25.015 - 25.065	20KW	2000KW	Mean	FMCW	Digital	25.000
25.675 - 26.995	20KW	2000KW	Mean	FMCW	Digital	8.333
25.675 - 26.995	20KW	2000KW	Mean	FMCW	Digital	16.667
25.675 - 26.995	20KW	2000KW	Mean	FMCW	Digital	25.000
27.415 - 27.995	20KW	2000KW	Mean	FMCW	Digital	8.333
27.415 - 27.995	20KW	2000KW	Mean	FMCW	Digital	16.667
27.415 - 27.995	20KW	2000KW	Mean	FMCW	Digital	25.000
29.705 - 29.995	20KW	2000KW	Mean	FMCW	Digital	8.333
29.705 - 29.995	20KW	2000KW	Mean	FMCW	Digital	16.667
29.705 - 29.995	20KW	2000KW	Mean	FMCW	Digital	25.000

(1) Phase continuous chirp waveform, chirp-rate 100-500kHz/sec. Bandwidth determined by measurement of waveform spectrum.

EXHIBIT B

Authorization for fulfilling a government contract statement

This application is to allow transmissions within the 6 to 28 MHz band as indicated In Exhibit A. These transmissions will support a U.S. Government research and development program supporting counter drug surveillance research. The government agency involved is Air Force Research Laboratory Rome, NY. The current contract is F30602-00-C-0148. A new contract is anticipated in mid 2001. SRI International has conducted research with this system for over 35 years supporting various governmental agencies.

EXHIBIT C

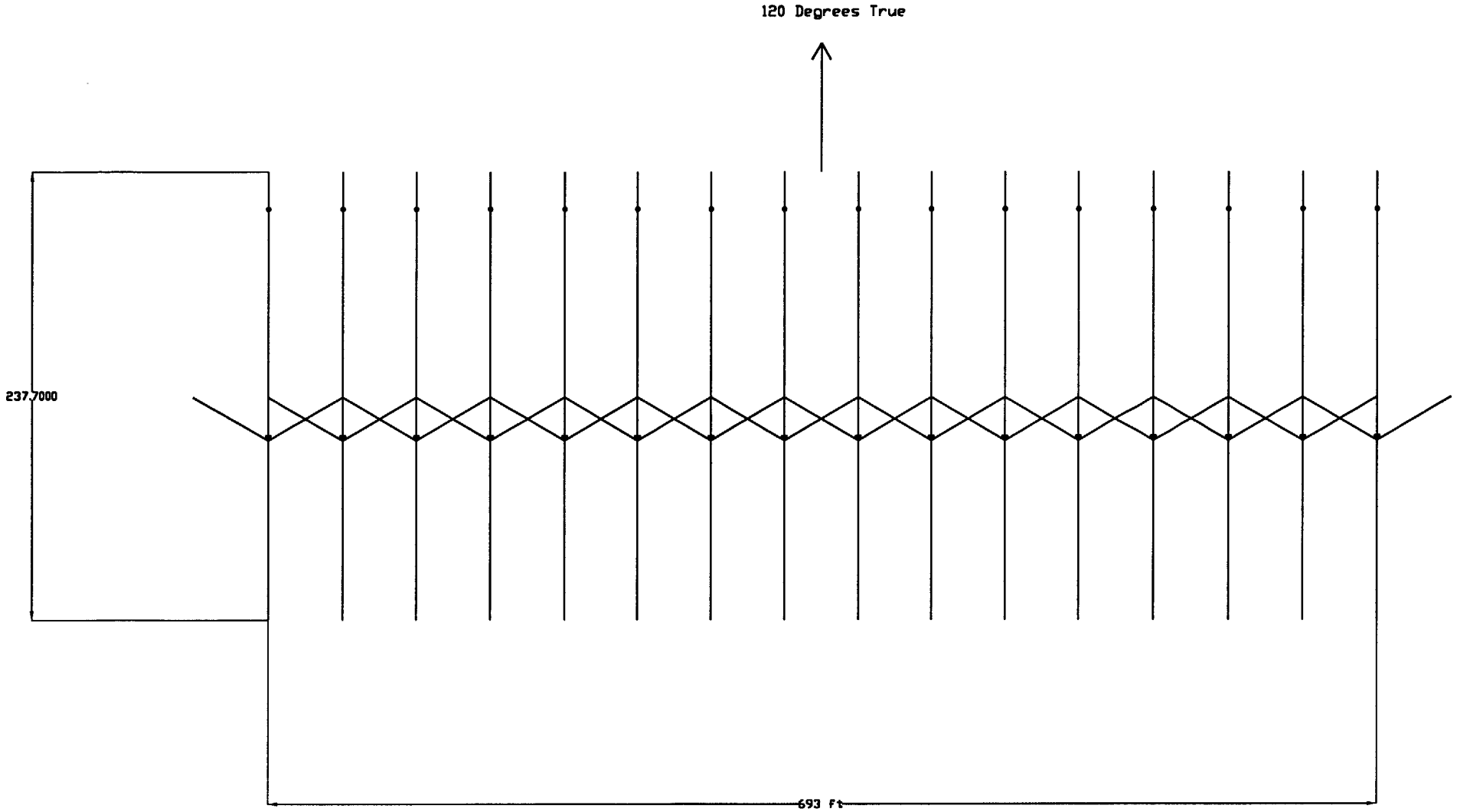
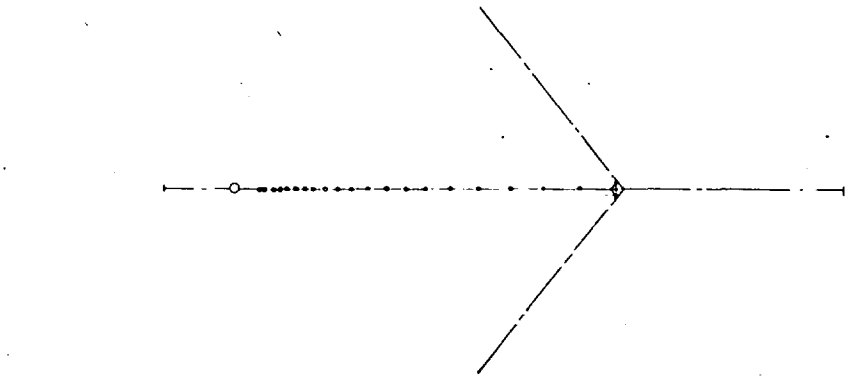
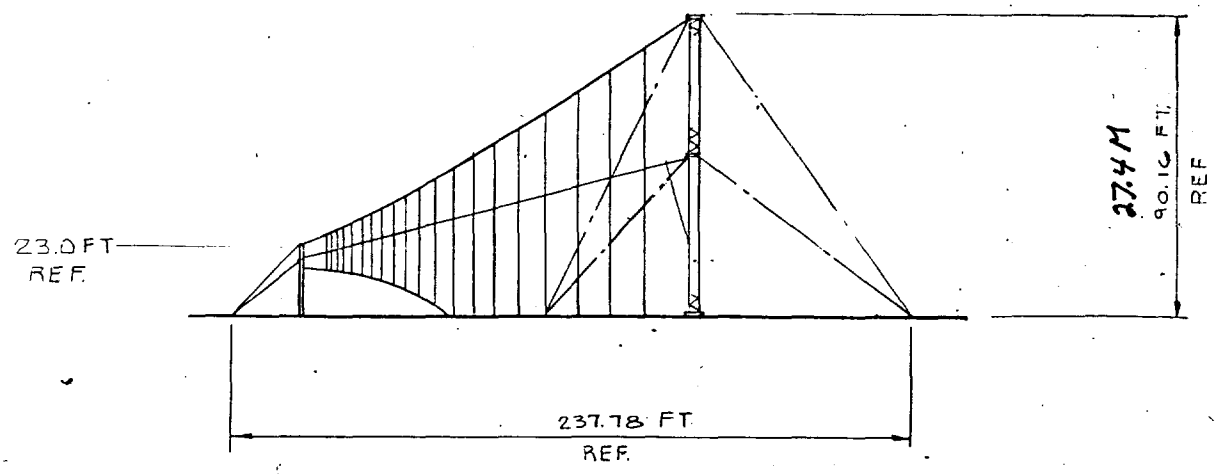


EXHIBIT 1, 16 ELEMENT ANTENNA ARRAY, PLAN VIEW

EXHIBIT C



P L A N



E L E V A T I O N

EXHIBIT 1, ELEVATION PROFILE, TYPICAL ELEMENT OF 16 ELEMENT ARRAY