

EXHIBIT A

**Question #8, Form 442, Page 3:**

(a) Width of beam in degrees at half-power point: 0.68 degrees

(b) Orientation in horizontal plane: 106.58 degrees azimuth

(c) Orientation in vertical plane: 15.84 degrees elevation

## EXHIBIT B

### Question #10, Form 442, Page 3:

- (a) The complete program of research and experimentation proposed including description of equipment and theory of operation:

Testing of a special low temperature high wind 4.8m C-band antenna for uplinking video services in Antarctica. Testing to be performed per Intelsat SSOG 210.

- (b) The specific objectives sought to be accomplished:

Verify antenna performance is acceptable to Intelsat specifications, as prescribed in SSOG 210.

- (c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art, or is along line not already investigated:

The results of this experimentation will help expand the operation of satellite communications in Antarctica.

# Exhibit C



COMSEARCH®

SUPPLEMENTAL SHOWING, PART 25.203(C)

VertexRSI  
Kilgore, Texas  
Temporary Transmit-Only Earth Station  
Operation Dates: 08/01/2002 to 9/30/2002

PURSUANT TO PART 25.203(C) OF THE FCC RULES AND REGULATIONS THE ABOVE REFERENCED SATELLITE EARTH STATION WAS COORDINATED WITH THE EXISTING LICENSEES AND APPLICANTS WHOSE FACILITIES COULD BE AFFECTED. COORDINATION DATA WAS FORWARDED ON June 25, 2002.

THE FOLLOWING CARRIERS OR THEIR DESIGNATED COORDINATION AGENTS WERE NOTIFIED:

AT&T COMM. OF THE SOUTH CENTRAL STATES  
AT&T CORP.  
AT&T WIRELESS SRVCS OF FL (AR,LA,OK,TX)  
CENTENNIAL SOUTHEAST LICENSE COMPANY LLC  
COMSEARCH  
CORBAN COMMUNICATIONS INC.  
DALLAS MTA, L.P.  
DALLAS SMSA LIMITED PARTNERSHIP  
EAST TEXAS TRANSMISSION CO  
LOUISIANA STATE COMMUNICATION SECTION  
MICRONET COMMUNICATIONS INC  
NORTHEAST TEXAS CELLULAR TELEPHONE CO  
NORTHEAST TEXAS CONSORTIUM(NETnet)  
PATHNET, INC. - DEBTOR IN POSSESSION  
PUBLIC SERVICE COMPANY OF OKLAHOMA  
SOUTHWESTERN BELL TELEPHONE, L.P.  
SOUTHWESTERN ELECTRIC POWER COMPANY  
TECNET INC  
TEXAS RSA #10B3 LIMITED PARTNERSHIP  
TEXAS RSA 10B1 LIMITED PARTNERSHIP  
TEXAS RSA 11B LIMITED PARTNERSHIP  
TEXAS RSA 7B1 LTD PARTNERSHIP  
TYLER-LONGVIEW-MARSHALL MSA LTD PARTNERS  
UNITED WEHCO INC.  
Verizon Wireless Texas, LLC  
WWC TEXAS RSA LIMITED PARTNERSHIP

THERE ARE NO UNRESOLVED INTERFERENCE OBJECTIONS WITH THE STATIONS CONTAINED IN THESE APPLICATIONS.

RESPECTFULLY SUBMITTED,

SENIOR MANAGER  
SATELLITE SERVICES

Table of Earth Station Coordination Values  
06/25/2002

Earth Station Name        KILGORE TX  
 Owner                    VERTEX RSI  
 Latitude (DMS) (NAD83) 32 24 21.6 N  
 Longitude (DMS) (NAD83) 94 51 13.8 W  
 Ground Elevation (Ft/m)    350.02 /    106.68 AMSL  
 Antenna Centerline (Ft/m)    8.99 /       2.74 AGL  
 Antenna Model            VertexRSI 4.8 meter KPC  
 Objectives: Transmit      -154.0 (dBW /4 kHz)    TX Power    -12.5 (dBW/4 kHz)

Azimuth (Deg)	Horizon Elevation Angle (Deg)	Antenna Disc. Angle (Deg)	Antenna Gain (dBi)	6.0 GHz Coordination Distance (Km)
0	0.00	99.07	-10.00	135.7
5	0.00	94.09	-10.00	135.7
10	0.00	89.11	-10.00	135.7
15	0.00	84.13	-10.00	135.7
20	0.00	79.15	-10.00	135.7
25	0.00	74.18	-10.00	135.7
30	0.00	69.20	-10.00	135.7
35	0.00	64.23	-10.00	135.7
40	0.00	59.25	-10.00	135.7
45	0.00	54.29	-10.00	135.7
50	0.00	49.32	-10.00	135.7
55	0.00	44.36	-9.18	138.0
60	0.00	39.41	-7.89	141.9
65	0.00	34.47	-6.44	146.5
70	0.00	29.55	-4.76	152.1
75	0.00	24.65	-2.80	159.1
80	0.00	19.81	-0.42	169.7
85	0.00	15.06	2.55	181.3
90	0.00	10.54	6.43	196.2
95	0.00	6.73	11.30	213.4
100	0.00	5.41	13.67	232.8
105	0.00	7.94	9.50	206.3
110	0.00	12.00	5.02	190.8
115	0.00	16.09	1.84	178.5
120	0.00	20.12	-0.59	169.1
125	0.00	24.07	-2.54	160.0
130	0.00	27.94	-4.16	154.2
135	0.00	31.69	-5.52	149.5
140	0.00	35.29	-6.69	145.6
145	0.00	38.70	-7.69	142.5
150	0.00	41.88	-8.55	139.9
155	0.00	44.78	-9.28	137.7
160	0.00	47.31	-9.87	136.0
165	0.00	49.40	-10.00	135.7
170	0.00	50.97	-10.00	135.7
175	0.00	51.95	-10.00	135.7
180	0.00	52.29	-10.00	135.7

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Azimuth (Deg)	Horizon Elevation Angle (Deg)	Antenna Disc. Angle (Deg)	Antenna Gain (dBi)	6.0 GHz Coordination Distance (Km)
185	0.00	51.95	-10.00	135.7
190	0.00	50.97	-10.00	135.7
195	0.00	49.40	-10.00	135.7
200	0.00	47.31	-9.87	136.0
205	0.00	44.77	-9.28	137.7
210	0.00	41.89	-8.55	139.9
215	0.00	38.70	-7.69	142.5
220	0.00	35.43	-6.73	145.5
225	0.00	32.51	-5.80	148.5
230	0.00	30.08	-4.96	151.4
235	0.00	28.26	-4.28	153.7
240	0.00	27.18	-3.86	155.2
245	0.00	26.94	-3.76	155.6
250	0.00	27.54	-4.00	154.7
255	0.00	28.94	-4.54	152.8
260	0.00	31.02	-5.29	150.2
265	0.00	33.67	-6.18	147.3
270	0.00	36.76	-7.13	144.2
275	0.00	40.18	-8.10	141.2
280	0.00	43.86	-9.05	138.4
285	0.00	47.74	-9.97	135.7
290	0.00	51.76	-10.00	135.7
295	0.00	55.90	-10.00	135.7
300	0.00	60.13	-10.00	135.7
305	0.00	64.42	-10.00	135.7
310	0.00	68.77	-10.00	135.7
315	0.00	73.16	-10.00	135.7
320	0.00	77.58	-10.00	135.7
325	0.00	82.02	-10.00	135.7
330	0.00	86.47	-10.00	135.7
335	0.00	90.93	-10.00	135.7
340	0.00	95.38	-10.00	135.7
345	0.00	99.83	-10.00	135.7
350	0.00	104.26	-10.00	135.7
355	0.00	104.04	-10.00	135.7