

entire interference area is outside a city of 50,000 persons. The power level of 27.5 watts, in conjunction with its proposed directional pattern, was utilized to calculate the Channel 6 interference area.

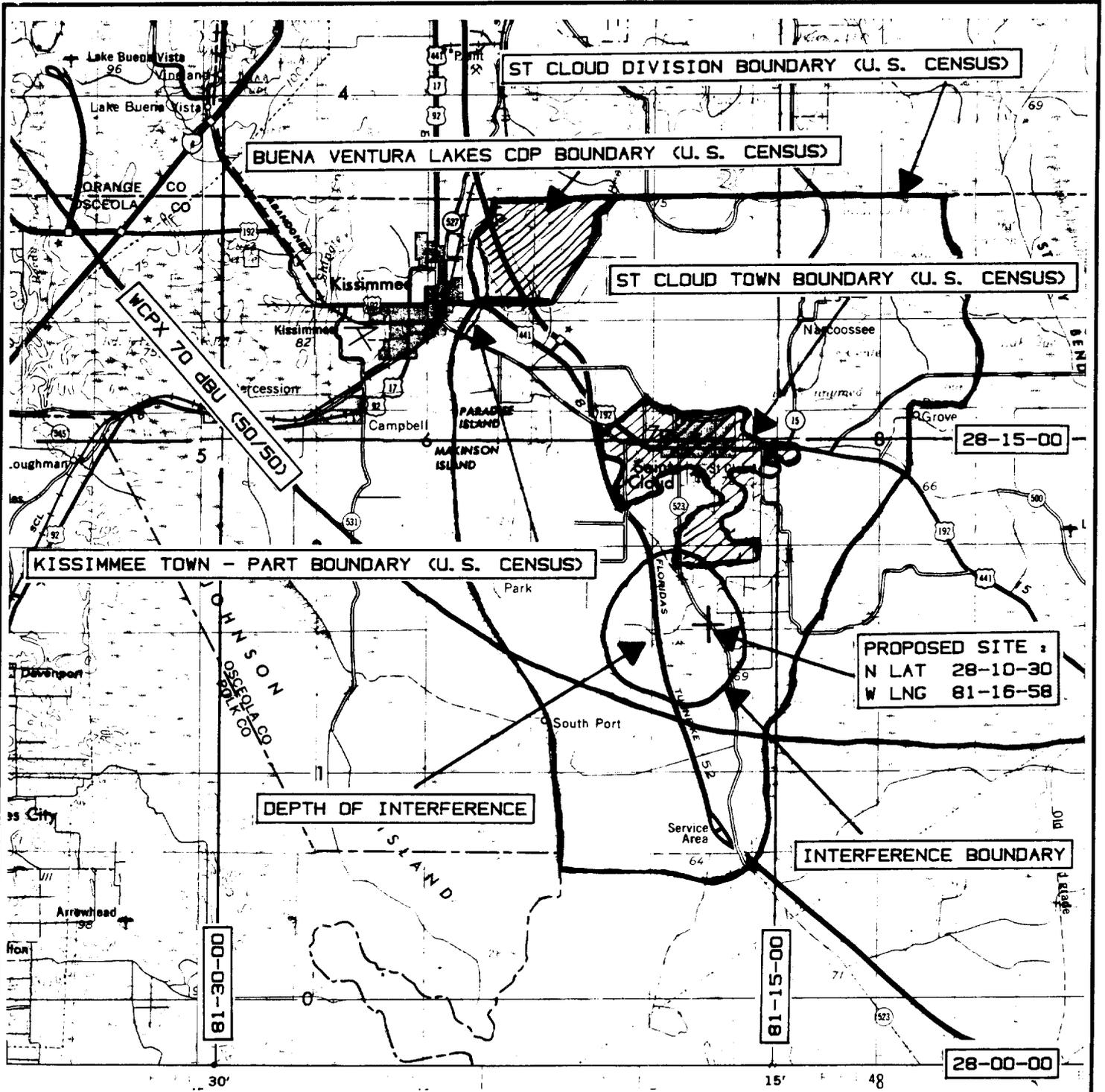
Exhibit #9A is a detailed depth of interference study which demonstrates the area of theoretical interference caused to WCPX by this proposed new non-commercial facility. The pertinent desired-to-undesired ratios were determined using Figure #1, contained in §73.599 of the Commission's rules. In order to project the potential interference area, the WCPX protected contours were raised in 1/2 dB increments (starting with the 70 dBu (50/50) contour) and the corresponding new FM interfering contour were then calculated from Figure #1, §73.599. At the points where the desired-to-undesired ratio met, a point was determined. Each point was then joined to depict the area in which interference is calculated to occur, per §73.525(e)(1)(v).

Depicted on Exhibit #9A are the Census boundaries of the St. Cloud division, scaled to the U.S. Census Map of Florida, Section 4. The towns and Census designated places (CDPs) were also transferred. Based on the depth of the interference area, the percentages of the area in the division, less the towns and CDP's, were calculated. The same was determined for the St. Cloud town. The result was 6.85% of the St. Cloud division was within the

theoretical interference area and 6.25% of St. Cloud town was within the area.

Using the 1990 Census data and making the necessary adjustments to remove the towns and CDP's from the total division figures (Exhibit #9B), the resulting figure of 6.85% of the division would equal 1,451 persons (assuming uniform distribution of persons) residing in the theoretical interference area. Of the 6.25% of St. Cloud town, 778 persons reside in the area. A total of 2,229 persons are within the interference area. Since this level is below the 3,000 cap noted in §73.525(c), this proposal complies with the Commission's rules and regulations.

1) §73.525(e)(2) was used to determine the area in the Census division. Percentages determined by use of a polar planimeter.

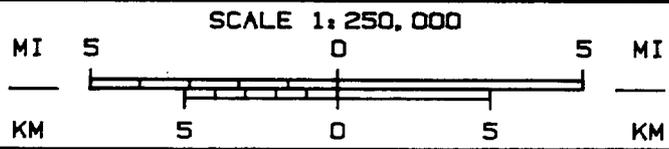


DEPTH OF INTERFERENCE STUDY

MAP IS A PORTION OF THE 1:250,000 SCALE U. S. G. S. ORLANDO FLORIDA EASTERN UNITED STATES MAP.

EXHIBIT #9A

AMEND BPED-891128ME
 HISPANIC BCGT SYS, INC
 NEW NONCOMMERCIAL FM
 CH 206A - 1.1 KW (DA)
 KISSIMMEE, FLORIDA
 November 1992



BROMO BROADCAST TECHNICAL CONSULTANTS
COMMUNICATIONS
 St Simons Island, Georgia Washington, D. C.

Table 1. Age: 1990—Con.

(For definitions of terms and meanings of symbols, see text)

State County County Subdivision Place	All persons	Age												Median age			
		Under 5 years	16 years and over	18 years and over	18 to 20 years	21 to 24 years	25 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	75 years and over	85 years and over				
Orange County—Con.																	
Winter Garden-Dodge division	48 709	4 240	36 235	34 892	1 858	2 491	17 736	4 463	1 770	1 689	4 885	2 021	453	31.3			
Orlando city	750	85	505	479	27	35	209	153	27	32	96	48	13	30.0			
Ocala city (pt.)	12 773	1 154	9 104	8 702	529	448	4 688	1 123	441	994	205	48	29.4				
Orlando city (pt.)	264	22	208	198	9	8	123	33	7	7	11	2	1	34.0			
Winter Garden city (pt.)	9 745	760	7 638	7 408	359	570	2 938	915	399	475	1 752	902	268	34.5			
Osceola County	187 728	7 907	83 307	80 579	4 688	4 115	34 158	11 073	4 658	4 912	14 955	5 992	1 482	33.7			
Wesimere division	50 723	3 865	39 708	38 506	2 220	3 510	16 546	4 954	2 075	2 175	7 024	3 087	793	32.7			
Campbell CDP	3 884	173	3 370	3 228	83	130	701	211	117	165	1 919	1 260	409	44.5			
Wesimere city (pt.)	24 469	1 929	19 091	18 478	1 307	2 254	8 759	2 230	664	628	2 252	1 036	261	29.5			
Polkville Place CDP	3 618	352	2 504	2 405	134	170	1 265	312	138	140	249	55	8	29.8			
St. Cloud division	53 347	3 747	40 859	39 441	2 322	2 417	18 908	3 733	2 415	2 587	7 479	2 745	659	34.7			
Burns Venture Lakes CDP	14 148	1 107	10 255	9 812	570	646	4 528	1 287	340	404	1 535	375	50	31.1			
Wesimere city (pt.)	5 581	429	4 107	3 957	204	212	2 063	524	199	199	425	117	14	32.6			
St. Cloud city	12 433	770	10 083	9 819	473	582	3 297	1 464	571	687	3 043	1 454	434	39.9			
South and West Osceola divisions	2 438	275	2 740	2 632	142	188	1 104	384	178	170	242	150	20	33.8			
Palm Beach County	863 518	53 216	710 838	693 945	26 840	38 068	253 892	80 538	36 771	47 594	210 240	93 934	18 420	39.9			
Belle Glade-Pahokee division	36 165	3 835	34 852	33 467	1 791	2 149	10 847	3 454	1 398	1 182	2 444	1 005	186	37.8			
Belle Glade city	1 177	1 588	11 434	10 960	751	925	4 913	1 786	714	608	1 263	458	78	29.7			
Belle Glade CDP	1 616	211	887	820	75	72	404	129	39	30	69	55	5	18.4			
Pahokee city	6 872	716	4 413	4 352	323	349	1 841	694	284	244	417	284	42	27.9			
South Bay city	2 354	444	2 316	2 197	207	275	944	330	133	110	198	66	9	24.0			
Boca Raton division	88 542	4 529	84 208	83 103	3 244	4 730	28 959	11 977	5 249	6 158	22 556	10 348	1 631	42.8			
Boca Del Mar CDP	17 548	778	13 458	15 172	948	6 371	6 371	6 371	6 371	6 371	3 528	4 023	444	39.4			
Boca Palms CDP	2 147	37	2 037	2 020	25	57	365	216	274	271	167	127	12	59.0			
Boca Shores city	61 499	3 113	58 139	50 915	2 475	3 146	18 209	7 287	3 095	3 416	13 207	6 375	1 561	41.0			
Boca West CDP	2 847	49	2 694	2 605	45	73	355	201	209	286	286	286	25	61.3			
Highland Beach town	3 209	19	3 137	3 121	20	28	293	319	277	403	1 633	743	130	63.0			
Boynton Beach-Delray Beach division	183 514	8 755	159 357	156 022	4 190	4 495	43 481	13 455	7 664	12 373	69 184	30 483	4 944	33.3			
Arlington CDP	2 112	2	2 110	2 110	2	2	2	2	2	2	2	2	2	17			
Boynton Beach city	46 194	2 693	38 672	37 789	1 316	1 980	12 544	3 680	1 890	2 582	13 977	7 470	1 426	42.7			
Delray Beach town	400	2	398	398	2	2	2	2	2	2	2	2	2	74.5			
Country Club Trail CDP	4 599	38	4 494	4 485	57	114	470	191	195	449	3 012	1 181	126	49.5			
Delray Beach city	47 181	2 561	40 259	39 567	1 264	1 981	12 654	4 057	2 024	2 644	14 941	7 170	1 449	45.3			
Delray village	234	2	234	234	2	2	2	2	2	2	2	2	2	7			
Golf Stream town	490	27	609	598	12	14	44	44	44	44	55	254	21	56.1			
High Point CDP	3 286	27	2 236	2 232	17	17	134	59	74	232	702	488	30	49.7			
Hypocrite town	1 830	22	774	767	21	26	184	119	47	78	292	102	18	55.2			
Kings Point CDP	12 422	3	12 409	12 403	16	49	309	151	268	906	10 704	5 048	489	73.3			
Lake Worth city (pt.)																	
Lantana town (pt.)	8 266	466	7 052	6 925	260	412	2 755	891	375	473	1 799	894	198	38.9			
Merrilltown town	8 512	8	287	283	3	9	42	23	29	141	15	11	11	43.4			
Ocean Ridge town	1 570	35	1 458	1 441	17	36	798	107	183	170	295	67	29	36.9			
Rainbow Lakes CDP	1 494	154	1 157	1 132	25	42	687	103	43	63	143	46	4	32.3			
San Valley CDP	2 735	188	2 231	2 208	53	52	890	173	129	272	561	87	8	38.7			
Village of Orde CDP	3 096	21	3 088	3 084	7	13	83	49	189	750	4 573	1 519	94	70.7			
Glades division	2 192	246	1 504	1 436	74	86	844	230	77	71	20	3	29.7				
West Palm Beach city (pt.)	3	3	3	3	3	3	3	3	3	3	3	3	3	38.8			
Jupiter division	48 124	2 974	39 5	38 434	1 421	1 957	16 250	5 403	2 389	2 775	8 274	3 042	417	38.1			
Jupiter town (pt.)	617	5	594	585	15	20	146	88	56	75	185	53	0	55.7			
Jupiter town (pt.)	24 913	1 503	20 543	20 075	686	1 031	6 113	2 760	1 244	1 518	4 325	1 527	299	38.2			
Jupiter Inlet Colony town	405	8	371	366	8	7	40	40	34	40	179	84	13	40.7			
Palm Beach Gardens city (pt.)	3 684	212	2 983	2 877	150	178	1 374	514	185	179	357	94	16	37.2			
Lantana village	4 499	187	3 832	3 781	104	129	964	460	250	303	702	135	49	49.2			
Lake Worth division	158 232	10 315	139 021	136 875	5 237	6 407	49 200	13 778	6 026	7 849	35 958	16 418	3 428	37.4			
Alhambra city	1 453	28	1 485	1 459	35	31	208	196	110	789	281	41	41	41.4			
Class Lake town	121	12	96	97	4	8	49	15	1	5	18	9	2	32.0			
Class Village town	207	6	178	175	6	16	36	24	16	43	15	2	41.9				
Greenwood City city	1 181	1 181	15 567	15 234	579	1 015	5 831	1 998	740	1 186	4 285	1 314	150	38.2			
Lake Clarke Shores town	3 364	147	2 765	2 647	110	117	481	205	237	288	518	165	28	41.1			
Lake Worth city (pt.)	28 564	1 911	23 654	23 156	1 031	1 609	9 001	2 438	1 045	1 276	4 758	3 750	1 073	37.5			
Lantana town (pt.)	76	3	71	70	1	4	4	5	5	5	1	1	1	32.8			
Palm Beach town (pt.)	1 317	2	1 311	1 309	3	8	36	40	16	14	974	458	74	70.9			
Palm Springs village	9 743	458	8 758	8 157	342	549	3 205	977	459	502	2 128	953	143	38.8			
South Palm Beach town	1 480	5	1 481	1 458	13	13	101	101	4	656	992	76	74	20.3			
Wesley Beach division	80 894	5 293	45 222	43 409	2 622	3 483	22 567	9 017	4 068	4 655	16 247	7 194	1 597	36.9			
Juno Beach town (pt.)	1 504	13	1 464	1 456	10	21	196	96	64	154	909	571	215	70.2			
Lake Park town	4 704	460	5 548	5 463	214	294	1 411	308	323	1 393	632	173	24	44.4			
North Palm Beach village	11 543	403	10 974	9 899	274	333	2 511	1 333	753	956	3 725	1 457	335	33.0			
Palm Beach Gardens city (pt.)	13 772	698	11 501	10 943	485	628	4 173	1 773	712	726	2 428	1 179	274	39.4			
Palm Beach Shores town	1 040	11	1 000	994	11	22	94	54	64	121	493	222	64	64.0			
Wesley Beach city	27 439	2 497	20 512	19 709	1 158	1 379	7 531	2 799	1 241	1 348	4 253	1 740	538	33.2			
West Palm Beach city (pt.)	7	2	2	2	2	2	2	2	2	2	2	2	2	52.1			

1990 U. S. CENSUS DATA

EXHIBIT #9B
 AMEND BPED-891128ME
 HISPANIC BCGT SYS. INC
 NEW NONCOMMERCIAL FM
 CH 206A - 1.1 KW (DA)
 KISSIMMEE, FLORIDA
 November 1992

BROMO BROADCAST
 COMMUNICATIONS TECHNICAL CONSULTANTS

St Simons Island, Georgia

Washington, D.C.

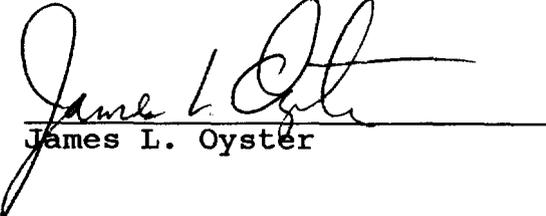
CERTIFICATE OF SERVICE

James L. Oyster hereby certifies that he has sent a copy of the foregoing PETITION FOR LEAVE TO AMEND, SEVER AND GRANT by first class U.S. mail, postage prepaid, or by hand delivery, on or before the 27th day of November, 1992, to the following:

James Shook, Esq.:
Hearing Branch, Enforcement Division
Mass Media Bureau
Federal Communications Commission
2025 M Street, N.W., Room 7212
Washington, D.C. 20554

Joseph E. Dunne, III
May & Dunne
1000 Thomas Jefferson Street, N.W.
Suite 520
Washington, D.C. 20007

Chief, Data Management Staff
Audio Services Division
Mass Media Bureau
Federal Communications Commission
1919 M Street, N.W., Room 350
Washington, D.C. 20554


James L. Oyster

AMEND BPED-891128ME
HISPANIC BROADCAST SYSTEM, INC.
NEW NONCOMMERCIAL FM STATION
CH 206A - 89.1 MHZ - 1.1 KW
KISSIMMEE, FLORIDA
November 1992

EXHIBIT #10

Radiofrequency Radiation Study and Statement

This radiofrequency radiation study is being conducted to determine whether this proposal is in compliance with OST Bulletin Number 65, dated October 1985, regarding human exposure to radiofrequency radiation in the vicinity of broadcast towers. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OST Bulletin.

The proposed Kissimmee, Florida, one bay antenna system will be mounted with its center of radiation 155.45 meters (510.0 feet) above the ground at the proposed tower location and operate with an effective radiated power of 1.1 kilowatts vertically polarized only. At two meters, the height of an average person, above the ground at the base of the tower, the proposed antenna will contribute, worst case, .0016 mw or 0.2% of the allowable ANSI limit. Since this level is far below the 100% limit defined in the aforementioned bulletin, the proposed antenna system is believed to be in compliance with OST Bulletin Number 65 as is required by the Federal Communications Commission.

Further, Hispanic Broadcast System, Inc. ("HBSI"), will post warning signs in the vicinity of the tower warning of potential radiofrequency radiation hazards at the site. HBSI will reduce power of the proposed facility, or discontinue operation, should anyone be required to climb the tower for maintenance or inspection. Further, HBSI will coordinate efforts with the other users of the tower to reduce power or cease operations. This will insure that workers will not be exposed to radiofrequency radiation energy in excess of the levels specified in the above noted bulletin.

AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT

State of Georgia)
St. Simons Island) ss:
County of Glynn)

JEFFERSON G. BROCK being duly sworn, deposes and says that he is an officer of Bromo Communications, Inc. Bromo has been engaged by Hispanic Broadcast System, Inc., to prepare the attached Technical Exhibit.

His qualifications are a matter of record before the Federal Communications Commission. He has been active in Broadcast Engineering since 1979.

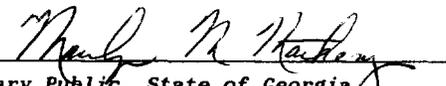
The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

This the 19th day of November, 1992.



Jefferson G. Brock
Affiant

Sworn to and subscribed before
me this the 19th day of November, 1992.



Notary Public, State of Georgia
My Commission Expires: September 8, 1995