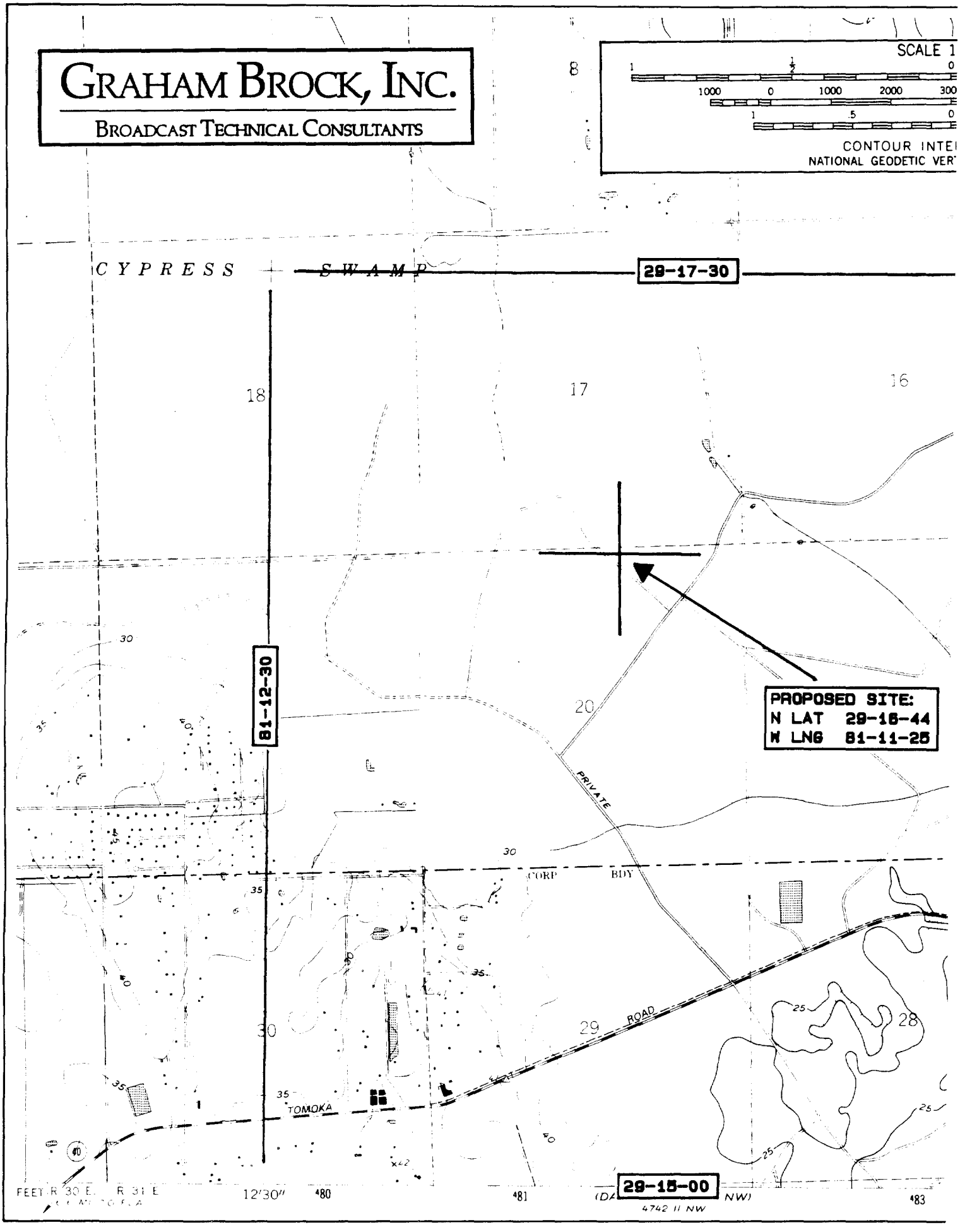
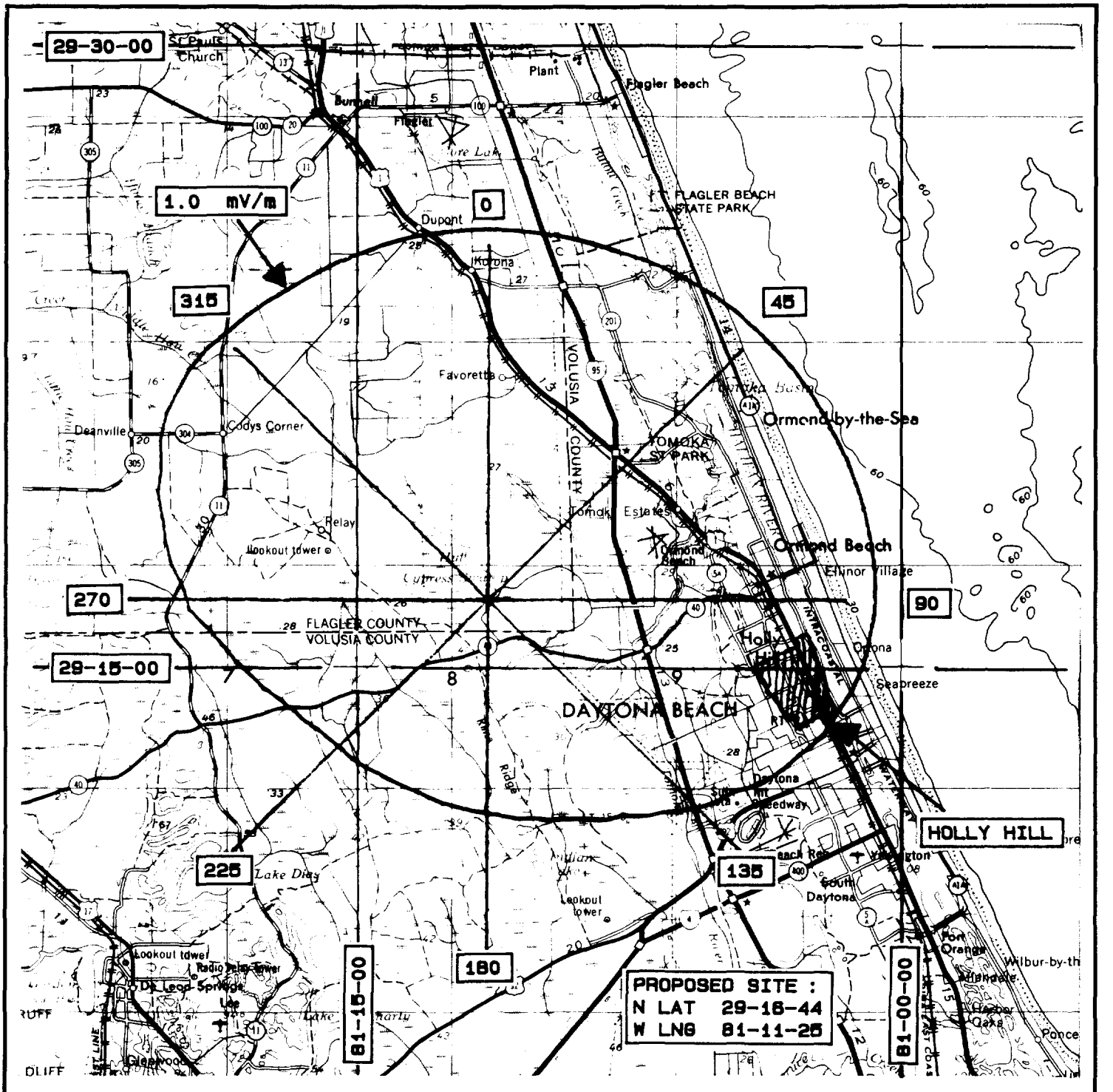
GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS





PREDICTED 1.0 mV/m CONTOUR	EXHIBIT #6
MAP IS A PORTION OF THE 1:250,000 SCALE DAYTONA BEACH U.S.G.S. EASTERN UNITED STATES MAP.	AMEND BPED-930316MF COMM. EDUCATIONAL ASSOC. NONCOMMERCIAL FM STATION CH 201A - 2.0 KW (V) HOLLY HILL, FLORIDA **August 1994**
SCALE 1:250,000 MI 5 0 5 MI KM 5 0 5 KM	GRAHAM BROCK, INC. BROADCAST TECHNICAL CONSULTANTS

AMEND BPED-930316MF
COMMUNITY EDUCATIONAL ASSOCIATION
NEW NONCOMMERCIAL STATION
CH 201A - 88.1 MHZ - 2.0 KW
HOLLY HILL, FLORIDA
August 1994

EXHIBIT #7

§73.509 Compliance

The proposed new noncommercial station at Holly Hill, Florida, has the potential to effect several other Commission authorized noncommercial facilities, as noted on Exhibit #7A. Exhibits #7B and #7C specifically demonstrate that there will be no prohibited overlap of contours between the proposed new noncommercial station at Holly Hill with the pertinent stations listed in Exhibit #7A.

Attached as Exhibits #7D through #7K are the tabulated distances to the protected and interfering contours (along pertinent arcs) of the proposed new noncommercial station and the other subject stations (WHIJ, WAEZ, WNCM-FM and WKTO).[1] Exhibit #7L is a tabulation of the proposed Holly Hill protected and interfering contours (tabulated every 10 degrees).

1) There are currently modification of CP applications on file with the Commission for both WAEZ and WKTO. The applications propose facilities in excess of authorized CP facilities. Therefore, this instant application protects the applied for WAEZ and WKTO facilities, since these would be considered worst case in regard to the proposed Holly Hill facility.

STATIONS IMPACTING NEW NONCOMMERCIAL STATION
COMMUNITY EDUCATIONAL ASSOCIATION HOLLY HILL, FL

REFERENCE
29 16 44 N
81 11 25 W

CLASS A

DISPLAY DATES
DATA 07-28-94
SEARCH 08-23-94

CHANNEL 201 - 88.1 MHz

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi
WAEZ.A	**202C2**	**Union Park**	**FL**	**172.8**	**75.59**
AP DHN	**28 36 08**	**81 05 37**	**2.500 kW**	**448M**	**47.0**
Central Florida Educational				**BMPED-930511IE**	
WAEZ.C	**202C2**	**Union Park**	**FL**	**172.8**	**75.59**
CP DHN	**28 36 08**	**81 05 37**	**1.900 kW**	**448M**	**47.0**
Central Florida Educational				**BPED-881207MA**	
WHIJ	**201A**	**Ocala**	**FL**	**267.1**	**90.62**
LI VN	**29 14 17**	**82 07 17**	**1.250 kW**	**120M**	**56.3**
Marion Community Radio, Inc.				**BLED-900411KA**	
>Vertical Polarization Only					
WKTO.C	**204A**	**Samsula**	**FL**	**154.2**	**30.47**
CP VN	**29 01 53**	**81 03 14**	**1.000 kW**	**46M**	**18.9**
Mims Community Radio, Inc.				**BPED-891127MD**	
WKTO.A	**204A**	**Edgewater**	**FL**	**154.2**	**30.47**
AP VN	**29 01 53**	**81 03 14**	**5.000 kW**	**107M**	**18.9**
Mims Community Radio, Inc.				**BMPED-930113MC**	
>From Samsula, FL-Vertical Polarization Only					
WNCMFM	**201A**	**Jacksonville**	**FL**	**341.9**	**116.32**
LI CN	**30 16 34**	**81 33 53**	**1.000 kW**	**149M**	**72.3**
New Covenant Ed. Ministries,				**BLED-890630KA**	
WTLG	202C3	Starke	FL	308.4	112.52
LI CN	29 54 34	82 06 02	7.000 kW	87M	69.9
Starke Christian-Educ Radio				BLED-890302KA	
WFCF	203A	St. Augustine	FL	350.3	70.69
LI DEN	29 54 27	81 18 49	6.000 kW	43M	43.9
Flagler College				BLED-931007KA	

SECTION 73.509 STUDY

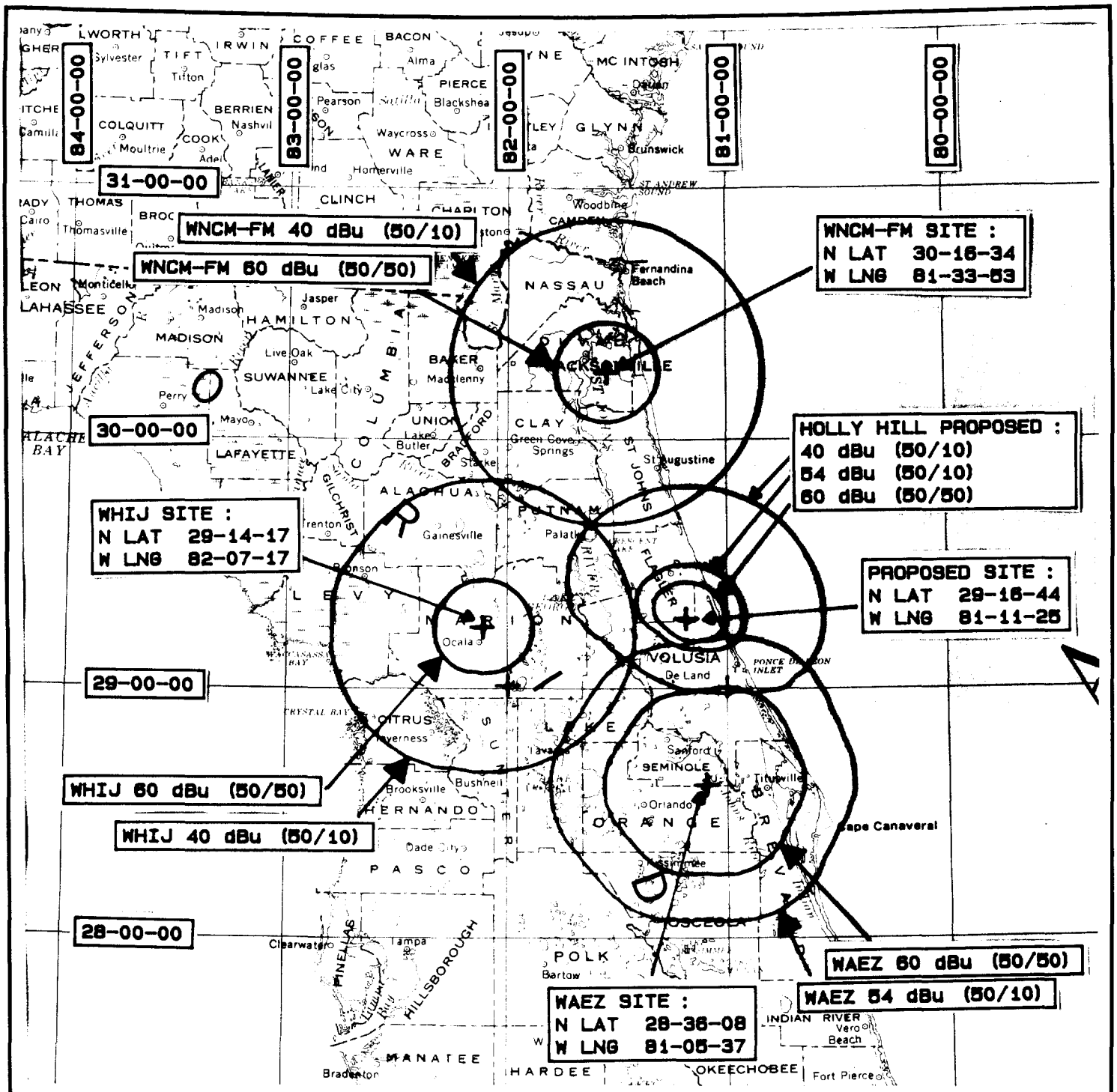
NOTE : THE PROTECTED AND INTERFERING CONTOURS OF THE STATIONS IN BOLD TYPE ARE SHOWN ON EXHIBITS 7B & 7C. THE REMAINING STATIONS CONTOURS ARE NOT SHOWN DUE TO THE DISTANCES BETWEEN THIS PROPOSAL AND THE SUBJECT STATION.

NOTE : THE APPLIED FOR FACILITIES OF WAEZ AND WKTO ARE SHOWN IN THIS STUDY SINCE THE AUTHORIZED PERMITS ARE FOR LESSER FACILITIES.

EXHIBIT #7A

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS



CHANNEL 201A ALLOCATION STUDY

MAP IS A PORTION OF THE 1: 2,500,000 SCALE U.S.G.S. EASTERN UNITED STATES MAP.

SEE EXHIBIT #7C FOR DEPICTION OF THE PROPOSED HOLLY HILL AND WKTO CONTOURS.

SCALE 1: 2,500,000

MI 50 0 50 MI

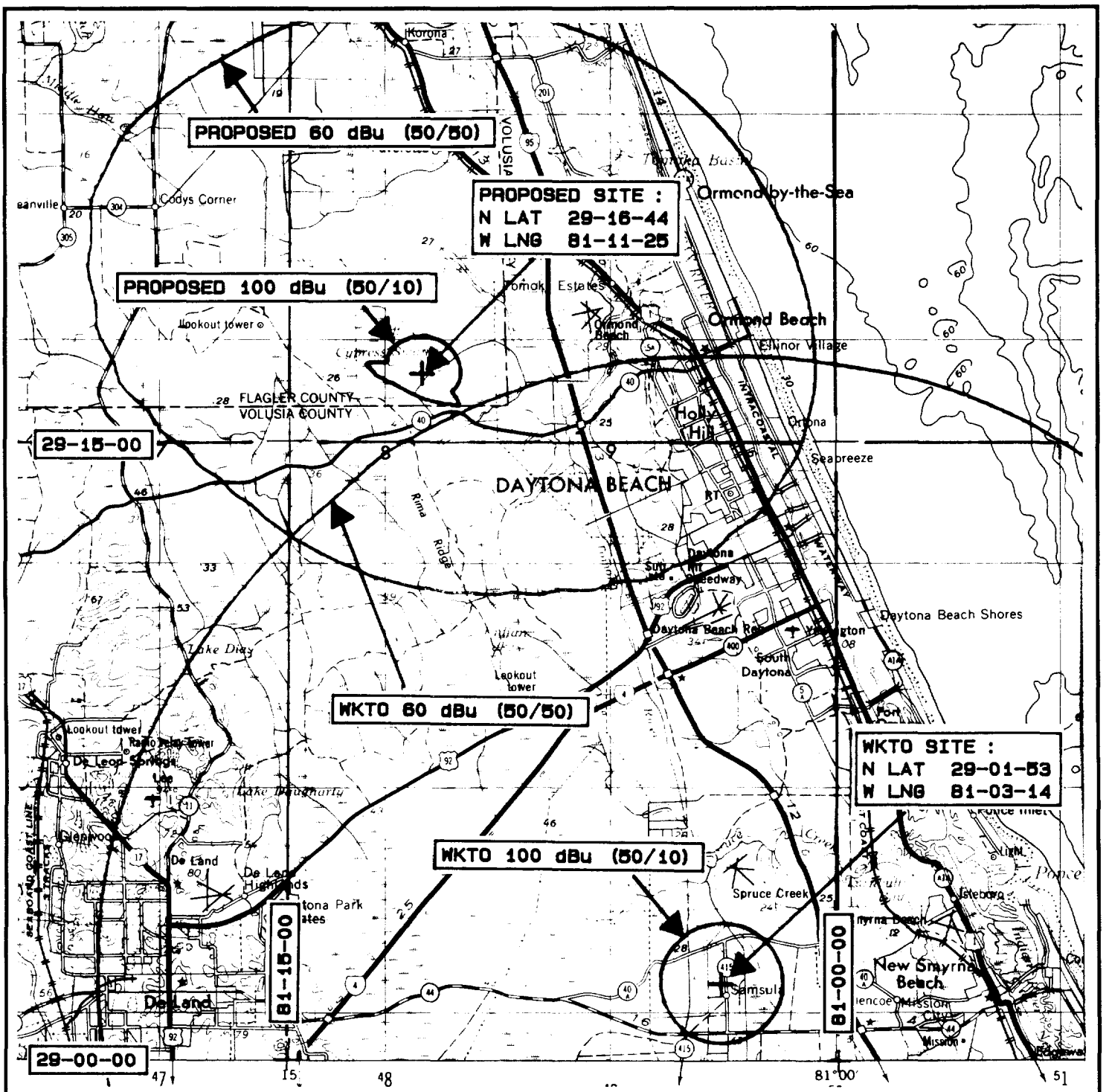
KM 50 0 50 KM

EXHIBIT #7B

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS



CHANNEL 201A ALLOC. (CONT.)

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

SCALE 1:250,000

MI 5 0 5 MI

KM 5 0 5 KM

EXHIBIT #7C

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

PROPOSED - HOLLY HILL
Channel= 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

WHIJ - BLED900411KA
Channel = 201
Max ERP = 1.25 kW
RCAMSL = 142 M
N. Lat = 291417
W. Lng = 820717

Protected 60 dBu				Interfering 40 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
244.0	0.304	55.4	10.3	90.0	1.250	126.2	81.3	35.9
245.0	0.312	55.5	10.4	89.9	1.250	126.1	81.1	36.0
246.0	0.320	55.6	10.4	89.8	1.250	126.1	81.0	36.0
247.0	0.328	55.9	10.5	89.7	1.250	126.1	80.8	36.1
248.0	0.336	56.3	10.6	89.6	1.250	126.1	80.7	36.1
249.0	0.344	56.6	10.7	89.5	1.250	126.1	80.5	36.1
250.0	0.353	56.9	10.8	89.4	1.250	126.1	80.4	36.2
251.0	0.371	57.1	10.9	89.3	1.250	126.0	80.2	36.2
252.0	0.389	57.2	11.1	89.2	1.250	126.0	80.0	36.3
253.0	0.408	57.3	11.2	89.1	1.250	126.0	79.8	36.4
254.0	0.427	57.3	11.3	89.0	1.250	126.0	79.6	36.4
255.0	0.447	57.4	11.5	88.9	1.250	126.0	79.4	36.5
256.0	0.467	57.5	11.6	88.8	1.250	126.0	79.3	36.5
257.0	0.487	57.6	11.7	88.6	1.250	125.9	79.1	36.6
258.0	0.508	57.6	11.8	88.5	1.250	125.9	78.9	36.6
259.0	0.529	57.7	12.0	88.4	1.250	125.9	78.8	36.6
260.0	0.551	57.7	12.1	88.2	1.250	125.9	78.7	36.7
261.0	0.579	57.8	12.2	88.1	1.250	125.9	78.5	36.7
262.0	0.607	57.8	12.4	87.9	1.250	125.8	78.3	36.8
263.0	0.636	57.8	12.5	87.8	1.250	125.8	78.2	36.8
264.0	0.666	57.9	12.7	87.6	1.250	125.8	78.0	36.9
265.0	0.696	57.9	12.8	87.5	1.250	125.7	77.8	36.9
266.0	0.727	57.9	12.9	87.3	1.250	125.7	77.7	37.0
267.0	0.759	57.9	13.0	87.2	1.250	125.7	77.6	37.0
268.0	0.791	57.9	13.2	87.0	1.250	125.7	77.4	37.0
269.0	0.824	57.9	13.3	86.8	1.250	125.6	77.3	37.1
270.0	0.858	57.9	13.4	86.6	1.250	125.6	77.2	37.1
271.0	0.891	57.9	13.6	86.5	1.250	125.6	77.1	37.1
272.0	0.925	57.9	13.7	86.3	1.250	125.6	77.0	37.2
273.0	0.959	57.9	13.8	86.1	1.250	125.5	76.9	37.2
274.0	0.994	57.9	13.9	85.9	1.250	125.5	76.8	37.2
275.0	1.030	57.9	14.0	85.7	1.250	125.5	76.7	37.2
276.0	1.066	57.9	14.2	85.5	1.250	125.4	76.7	37.3
277.0	1.103	57.9	14.3	85.3	1.250	125.4	76.6	37.3
278.0	1.140	57.9	14.4	85.1	1.250	125.4	76.5	37.3
279.0	1.178	57.9	14.5	84.9	1.250	125.3	76.5	37.3
280.0	1.217	57.9	14.6	84.7	1.250	125.3	76.4	37.3
281.0	1.245	57.9	14.7	84.5	1.250	125.3	76.4	37.3
282.0	1.274	57.9	14.8	84.3	1.250	125.2	76.4	37.3
283.0	1.302	58.0	14.9	84.1	1.250	125.1	76.4	37.3
284.0	1.332	58.0	15.0	83.9	1.250	125.1	76.4	37.3

HOLLY HILL PROT./WHIJ INTER.

EXHIBIT #7D

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WHIJ - BLED900411KA
Channel= 201
Max ERP = 1.25 kW
RCAMSL = 142 M
N. Lat = 291417
W. Lng = 820717

PROPOSED - HOLLY HILL
Channel = 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
64.0	1.250	123.5	21.8	274.1	0.998	57.9	71.1	34.1
65.0	1.250	123.5	21.8	273.8	0.987	57.9	70.9	34.1
66.0	1.250	123.5	21.8	273.5	0.977	57.9	70.7	34.1
67.0	1.250	123.5	21.8	273.2	0.966	57.9	70.5	34.1
68.0	1.250	123.6	21.8	273.0	0.959	57.9	70.3	34.1
69.0	1.250	123.7	21.8	272.7	0.949	57.9	70.2	34.1
70.0	1.250	123.7	21.8	272.4	0.938	57.9	70.0	34.0
71.0	1.250	123.6	21.8	272.1	0.928	57.9	69.9	34.0
72.0	1.250	123.6	21.8	271.8	0.918	57.9	69.8	34.0
73.0	1.250	123.6	21.8	271.5	0.908	57.9	69.7	34.0
74.0	1.250	123.7	21.8	271.2	0.898	57.9	69.5	34.0
75.0	1.250	123.8	21.8	270.9	0.888	57.9	69.4	34.0
76.0	1.250	124.0	21.8	270.6	0.878	57.9	69.3	33.9
77.0	1.250	124.1	21.8	270.3	0.868	57.9	69.2	33.9
78.0	1.250	124.2	21.9	270.0	0.858	57.9	69.1	33.9
79.0	1.250	124.4	21.9	269.7	0.848	57.9	69.0	33.9
80.0	1.250	124.5	21.9	269.4	0.838	57.9	68.9	33.8
81.0	1.250	124.7	21.9	269.1	0.828	57.9	68.9	33.8
82.0	1.250	124.8	21.9	268.8	0.818	57.9	68.8	33.8
83.0	1.250	124.9	21.9	268.5	0.808	57.9	68.8	33.7
84.0	1.250	125.1	21.9	268.1	0.795	57.9	68.7	33.7
85.0	1.250	125.4	21.9	267.8	0.785	57.9	68.7	33.6
86.0	1.250	125.5	22.0	267.5	0.775	57.9	68.7	33.6
87.0	1.250	125.7	22.0	267.2	0.765	57.9	68.6	33.5
88.0	1.250	125.8	22.0	266.9	0.756	57.9	68.6	33.5
89.0	1.250	126.0	22.0	266.5	0.743	57.9	68.6	33.4
90.0	1.250	126.2	22.0	266.2	0.734	57.9	68.7	33.3
91.0	1.250	126.3	22.0	265.9	0.724	57.9	68.7	33.3
92.0	1.250	126.5	22.0	265.6	0.715	57.9	68.7	33.2
93.0	1.250	126.6	22.0	265.3	0.705	57.9	68.7	33.1
94.0	1.250	126.7	22.0	264.9	0.693	57.9	68.8	33.0
95.0	1.250	126.7	22.0	264.6	0.684	57.9	68.8	33.0
96.0	1.250	126.6	22.0	264.3	0.675	57.9	68.9	32.9
97.0	1.250	126.5	22.0	264.0	0.666	57.9	69.0	32.8
98.0	1.250	126.5	22.0	263.7	0.657	57.9	69.1	32.7
99.0	1.250	126.5	22.0	263.4	0.648	57.8	69.2	32.6
100.0	1.250	126.7	22.0	263.1	0.639	57.8	69.3	32.6
101.0	1.250	126.8	22.1	262.8	0.630	57.8	69.4	32.5
102.0	1.250	126.8	22.1	262.5	0.622	57.8	69.6	32.4
103.0	1.250	126.9	22.1	262.2	0.613	57.8	69.7	32.3
104.0	1.250	127.1	22.1	261.9	0.604	57.8	69.8	32.2

HOLLY HILL INTER./WHIJ PROT.

EXHIBIT #7E

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

PROPOSED - HOLLY HILL
Channel= 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected
60 dBu

WAEZ.A- BMPED930511IE
Channel = 202
Max ERP = 2.5 kW
RCAMSL = 458 M
N. Lat = 283608
W. Lng = 810537

Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
134.0	0.829	58.0	13.3	0.1	1.767	450.8	65.7	53.8
135.0	0.794	57.9	13.2	359.9	1.763	450.7	65.7	53.9
136.0	0.759	57.9	13.0	359.7	1.761	450.7	65.6	53.9
137.0	0.725	57.9	12.9	359.5	1.760	450.6	65.6	53.9
138.0	0.691	57.9	12.8	359.2	1.757	450.5	65.5	53.9
139.0	0.659	57.9	12.6	359.0	1.756	450.4	65.5	53.9
140.0	0.627	57.9	12.5	358.8	1.754	450.4	65.4	53.9
141.0	0.607	57.9	12.4	358.6	1.752	450.3	65.4	53.9
142.0	0.588	57.9	12.3	358.4	1.751	450.2	65.3	53.9
143.0	0.568	57.9	12.2	358.2	1.749	450.2	65.3	53.9
144.0	0.549	57.8	12.1	358.0	1.747	450.1	65.3	53.9
145.0	0.530	57.6	12.0	357.7	1.745	450.0	65.2	53.9
146.0	0.512	57.3	11.8	357.5	1.743	449.9	65.2	53.9
147.0	0.494	57.0	11.7	357.3	1.741	449.8	65.2	53.9
148.0	0.476	56.7	11.6	357.1	1.740	449.7	65.3	53.9
149.0	0.459	56.4	11.5	356.9	1.738	449.6	65.3	53.9
150.0	0.442	56.2	11.3	356.7	1.736	449.5	65.3	53.9
151.0	0.431	56.0	11.2	356.5	1.735	449.4	65.3	53.9
152.0	0.420	55.8	11.2	356.3	1.733	449.3	65.3	53.9
153.0	0.409	55.6	11.1	356.1	1.731	449.1	65.3	53.9
154.0	0.398	55.3	11.0	355.9	1.730	449.0	65.3	53.9
155.0	0.387	55.2	10.9	355.8	1.729	449.0	65.3	53.8
156.0	0.377	55.1	10.8	355.6	1.727	448.8	65.3	53.8
157.0	0.366	55.1	10.7	355.4	1.726	448.7	65.3	53.8
158.0	0.356	55.2	10.7	355.2	1.724	448.6	65.3	53.8
159.0	0.346	55.3	10.6	355.1	1.723	448.6	65.3	53.8
160.0	0.336	55.3	10.5	354.9	1.721	448.4	65.4	53.8
161.0	0.331	55.3	10.5	354.7	1.720	448.3	65.3	53.8
162.0	0.326	55.2	10.4	354.6	1.719	448.2	65.4	53.8
163.0	0.322	55.1	10.4	354.4	1.717	448.1	65.4	53.8
164.0	0.317	54.8	10.3	354.2	1.716	448.0	65.4	53.8
165.0	0.312	54.6	10.3	354.1	1.715	447.9	65.4	53.7
166.0	0.307	54.3	10.2	353.9	1.713	447.8	65.5	53.7
167.0	0.303	54.2	10.2	353.7	1.711	447.7	65.5	53.7
168.0	0.298	54.0	10.1	353.6	1.711	447.6	65.5	53.7
169.0	0.293	54.0	10.1	353.4	1.709	447.5	65.6	53.7
170.0	0.289	53.9	10.0	353.3	1.708	447.5	65.6	53.7
171.0	0.284	53.8	10.0	353.1	1.707	447.3	65.6	53.6
172.0	0.280	53.7	9.9	353.0	1.706	447.3	65.7	53.6
173.0	0.275	53.7	9.9	352.8	1.704	447.2	65.7	53.6
174.0	0.271	53.8	9.8	352.7	1.703	447.1	65.8	53.6

HOLLY HILL PROT./WAEZ INTER.

EXHIBIT #7F

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WAEZ.A- BMPED930511IE
Channel= 202
Max ERP = 2.5 kW
RCAMSL = 458 M
N. Lat = 283608
W. Lng = 810537

PROPOSED - HOLLY HILL
Channel = 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected 60 dBu				Interfering 54 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
324.0	2.016	449.7	44.0	202.6	0.205	54.7	42.7	35.1
325.0	2.025	449.5	44.0	202.2	0.205	54.7	42.0	35.4
326.0	2.034	449.4	44.1	201.6	0.205	54.7	41.4	35.6
327.0	2.043	449.5	44.1	201.0	0.205	54.6	40.7	35.8
328.0	2.052	449.8	44.2	200.4	0.205	54.6	40.1	36.1
329.0	2.061	450.2	44.2	199.8	0.205	54.5	39.4	36.3
330.0	2.070	450.6	44.3	199.2	0.206	54.5	38.8	36.5
331.0	2.052	451.0	44.2	198.3	0.207	54.4	38.3	36.8
332.0	2.034	451.3	44.2	197.5	0.208	54.4	37.7	37.0
333.0	2.016	451.4	44.1	196.5	0.209	54.4	37.3	37.2
334.0	1.998	451.2	44.0	195.6	0.210	54.6	36.8	37.4
335.0	1.980	450.8	43.9	194.6	0.212	54.8	36.4	37.7
336.0	1.962	450.3	43.8	193.5	0.213	55.0	36.0	37.9
337.0	1.945	449.7	43.7	192.4	0.215	55.0	35.6	38.0
338.0	1.927	449.0	43.6	191.3	0.216	55.1	35.3	38.2
339.0	1.910	448.4	43.5	190.2	0.218	55.0	35.0	38.4
340.0	1.892	447.9	43.4	189.0	0.220	55.1	34.7	38.6
341.0	1.871	447.5	43.3	187.8	0.224	55.0	34.4	38.7
342.0	1.849	447.3	43.1	186.6	0.227	54.9	34.2	38.9
343.0	1.828	447.2	43.0	185.4	0.230	54.7	34.0	39.0
344.0	1.806	447.2	42.9	184.1	0.234	54.6	33.8	39.1
345.0	1.785	447.2	42.8	182.9	0.237	54.4	33.7	39.2
346.0	1.764	447.2	42.7	181.6	0.241	54.4	33.5	39.3
347.0	1.743	447.0	42.6	180.3	0.244	54.4	33.5	39.4
348.0	1.722	446.8	42.5	179.0	0.249	54.4	33.4	39.5
349.0	1.702	446.6	42.4	177.7	0.255	54.3	33.4	39.6
350.0	1.681	446.5	42.3	176.5	0.260	54.3	33.4	39.7
351.0	1.689	446.5	42.3	175.2	0.266	54.0	33.3	39.8
352.0	1.697	446.8	42.4	173.9	0.271	53.8	33.2	39.9
353.0	1.706	447.3	42.4	172.7	0.277	53.7	33.1	40.0
354.0	1.714	447.9	42.5	171.4	0.282	53.8	33.1	40.1
355.0	1.722	448.5	42.6	170.1	0.288	53.9	33.1	40.2
356.0	1.731	449.1	42.7	168.8	0.294	54.0	33.1	40.3
357.0	1.739	449.7	42.7	167.5	0.300	54.1	33.1	40.4
358.0	1.747	450.1	42.8	166.2	0.306	54.3	33.2	40.5
359.0	1.756	450.4	42.8	164.9	0.313	54.6	33.3	40.6

HOLLY HILL INTER./WAEZ PROT.

EXHIBIT #7G

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

PROPOSED - HOLLY HILL
Channel= 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected
60 dBu

WNCMFM- BLED890630KA
Channel = 201
Max ERP = 1 kW
RCAMSL = 156 M
N. Lat = 301634
W. Lng = 813353

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
327.0	2.000	57.7	16.7	164.3	1.000	148.6	100.3	30.6
328.0	2.000	57.5	16.7	164.2	1.000	148.6	100.2	30.6
329.0	2.000	57.3	16.6	164.0	1.000	148.6	100.2	30.6
330.0	2.000	57.2	16.6	163.8	1.000	148.6	100.1	30.6
331.0	2.000	57.0	16.6	163.7	1.000	148.6	100.1	30.6
332.0	2.000	56.8	16.6	163.5	1.000	148.6	100.0	30.6
333.0	2.000	56.7	16.5	163.3	1.000	148.7	100.0	30.6
334.0	2.000	56.6	16.5	163.2	1.000	148.7	100.0	30.6
335.0	2.000	56.6	16.5	163.0	1.000	148.7	99.9	30.7
336.0	2.000	56.8	16.6	162.8	1.000	148.7	99.8	30.7
337.0	2.000	57.0	16.6	162.7	1.000	148.7	99.8	30.7
338.0	2.000	57.2	16.6	162.5	1.000	148.7	99.7	30.7
339.0	2.000	57.4	16.7	162.4	1.000	148.7	99.7	30.7
340.0	2.000	57.5	16.7	162.2	1.000	148.8	99.7	30.7
341.0	2.000	57.5	16.7	162.0	1.000	148.8	99.6	30.7
342.0	2.000	57.5	16.7	161.9	1.000	148.8	99.6	30.7
343.0	2.000	57.5	16.7	161.7	1.000	148.8	99.6	30.7
344.0	2.000	57.5	16.7	161.5	1.000	148.8	99.7	30.7
345.0	2.000	57.6	16.7	161.4	1.000	148.8	99.7	30.7
346.0	2.000	57.7	16.7	161.2	1.000	148.8	99.7	30.7
347.0	2.000	57.8	16.7	161.0	1.000	148.9	99.7	30.7
348.0	2.000	57.8	16.7	160.8	1.000	148.9	99.7	30.7
349.0	2.000	57.9	16.7	160.7	1.000	148.9	99.7	30.7
350.0	2.000	57.9	16.7	160.5	1.000	148.9	99.8	30.7
351.0	2.000	57.9	16.7	160.4	1.000	148.9	99.8	30.7
352.0	2.000	57.9	16.7	160.2	1.000	148.9	99.9	30.7
353.0	2.000	57.9	16.7	160.0	1.000	148.9	99.9	30.7
354.0	2.000	57.9	16.7	159.9	1.000	149.0	100.0	30.6
355.0	2.000	57.9	16.7	159.7	1.000	149.0	100.1	30.6
356.0	2.000	57.9	16.7	159.5	1.000	149.0	100.2	30.6
357.0	2.000	57.9	16.7	159.4	1.000	149.0	100.3	30.6
358.0	2.000	57.9	16.7	159.2	1.000	149.0	100.3	30.6
359.0	2.000	57.9	16.7	159.1	1.000	149.0	100.4	30.5

HOLLY HILL PROT./WNCM-FM INT.

EXHIBIT #7H
AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WNCMFM- BLED890630KA
Channel= 201
Max ERP = 1 kW
RCAMSL = 156 M
N. Lat = 301634
W. Lng = 813353

PROPOSED - HOLLY HILL
Channel = 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected 60 dBu				Interfering 40 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
147.0	1.000	147.9	22.4	345.3	2.000	57.6	94.8	31.3
148.0	1.000	148.1	22.5	345.1	2.000	57.6	94.7	31.3
149.0	1.000	148.4	22.5	344.9	2.000	57.6	94.5	31.3
150.0	1.000	148.7	22.5	344.7	2.000	57.5	94.4	31.3
151.0	1.000	148.9	22.5	344.4	2.000	57.5	94.3	31.4
152.0	1.000	149.0	22.5	344.2	2.000	57.5	94.2	31.4
153.0	1.000	149.0	22.5	344.0	2.000	57.5	94.1	31.4
154.0	1.000	148.9	22.5	343.7	2.000	57.5	94.1	31.4
155.0	1.000	148.9	22.5	343.5	2.000	57.5	94.0	31.4
156.0	1.000	149.0	22.5	343.2	2.000	57.5	93.9	31.4
157.0	1.000	149.1	22.5	343.0	2.000	57.5	93.9	31.5
158.0	1.000	149.1	22.5	342.8	2.000	57.5	93.9	31.5
159.0	1.000	149.0	22.5	342.5	2.000	57.5	93.8	31.5
160.0	1.000	148.9	22.5	342.3	2.000	57.5	93.8	31.5
161.0	1.000	148.9	22.5	342.0	2.000	57.5	93.8	31.5
162.0	1.000	148.8	22.5	341.8	2.000	57.5	93.8	31.5
163.0	1.000	148.7	22.5	341.6	2.000	57.5	93.8	31.5
164.0	1.000	148.6	22.5	341.3	2.000	57.5	93.8	31.5
165.0	1.000	148.5	22.5	341.1	2.000	57.5	93.9	31.5
166.0	1.000	148.4	22.5	340.9	2.000	57.5	93.9	31.5
167.0	1.000	148.4	22.5	340.6	2.000	57.5	94.0	31.4
168.0	1.000	148.4	22.5	340.4	2.000	57.5	94.0	31.4
169.0	1.000	148.4	22.5	340.1	2.000	57.5	94.1	31.4
170.0	1.000	148.5	22.5	339.9	2.000	57.5	94.1	31.4
171.0	1.000	148.7	22.5	339.7	2.000	57.4	94.2	31.4
172.0	1.000	148.8	22.5	339.4	2.000	57.4	94.3	31.4
173.0	1.000	148.9	22.5	339.2	2.000	57.4	94.3	31.4
174.0	1.000	149.0	22.5	339.0	2.000	57.4	94.4	31.3
175.0	1.000	149.2	22.5	338.7	2.000	57.3	94.5	31.3
176.0	1.000	149.3	22.5	338.5	2.000	57.3	94.6	31.3
177.0	1.000	149.5	22.6	338.3	2.000	57.2	94.7	31.3
178.0	1.000	149.6	22.6	338.0	2.000	57.2	94.9	31.2
179.0	1.000	149.7	22.6	337.8	2.000	57.1	95.0	31.2
180.0	1.000	149.9	22.6	337.6	2.000	57.1	95.1	31.2
181.0	1.000	150.0	22.6	337.4	2.000	57.1	95.3	31.1
182.0	1.000	150.2	22.6	337.2	2.000	57.0	95.4	31.1
183.0	1.000	150.3	22.6	336.9	2.000	56.9	95.6	31.1
184.0	1.000	150.4	22.6	336.7	2.000	56.9	95.8	31.0
185.0	1.000	150.4	22.6	336.5	2.000	56.9	95.9	31.0
186.0	1.000	150.3	22.6	336.3	2.000	56.8	96.1	30.9
187.0	1.000	150.3	22.6	336.1	2.000	56.8	96.3	30.9

HOLLY HILL INT./WNCM-FM PROT.

EXHIBIT #7I

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

PROPOSED - HOLLY HILL
Channel= 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected
60 dBu

WKTO.A- BMPED930113MC
Channel = 204
Max ERP = 5 kW
RCAMSL = 114 M
N. Lat = 290153
W. Lng = 810314

Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
120.0	1.345	60.0	15.3	359.9	5.000	109.1	19.8	67.3
121.0	1.306	59.8	15.1	359.1	5.000	109.2	19.6	67.4
122.0	1.267	59.6	15.0	358.3	5.000	109.3	19.5	67.6
123.0	1.229	59.4	14.8	357.6	5.000	109.3	19.4	67.7
124.0	1.192	59.2	14.7	356.8	5.000	109.4	19.2	67.8
125.0	1.155	59.0	14.6	356.0	5.000	109.5	19.1	67.9
126.0	1.119	58.9	14.4	355.2	5.000	109.6	19.0	68.0
127.0	1.083	58.8	14.3	354.4	5.000	109.7	18.9	68.1
128.0	1.048	58.6	14.2	353.6	5.000	109.7	18.8	68.1
129.0	1.014	58.5	14.0	352.8	5.000	109.7	18.7	68.2
130.0	0.980	58.4	13.9	352.0	5.000	109.7	18.7	68.3
131.0	0.941	58.2	13.8	351.1	5.000	109.8	18.6	68.3
132.0	0.903	58.1	13.6	350.2	5.000	109.8	18.6	68.3
133.0	0.866	58.0	13.5	349.4	5.000	109.8	18.6	68.4
134.0	0.829	58.0	13.3	348.5	5.000	109.8	18.5	68.4
135.0	0.794	57.9	13.2	347.7	5.000	109.7	18.5	68.4
136.0	0.759	57.9	13.0	346.9	5.000	109.6	18.5	68.4
137.0	0.725	57.9	12.9	346.0	5.000	109.5	18.5	68.4
138.0	0.691	57.9	12.8	345.2	5.000	109.4	18.6	68.3
139.0	0.659	57.9	12.6	344.4	5.000	109.3	18.6	68.3
140.0	0.627	57.9	12.5	343.6	5.000	109.2	18.6	68.3
141.0	0.607	57.9	12.4	342.9	5.000	109.1	18.6	68.2
142.0	0.588	57.9	12.3	342.2	5.000	109.0	18.6	68.2
143.0	0.568	57.9	12.2	341.4	5.000	109.0	18.7	68.2
144.0	0.549	57.8	12.1	340.7	5.000	108.9	18.7	68.2
145.0	0.530	57.6	12.0	340.0	5.000	108.9	18.8	68.1
146.0	0.512	57.3	11.8	339.3	5.000	108.9	18.8	68.1
147.0	0.494	57.0	11.7	338.6	5.000	108.8	18.9	68.0
148.0	0.476	56.7	11.6	337.9	5.000	108.8	19.0	67.9
149.0	0.459	56.4	11.5	337.3	5.000	108.8	19.1	67.9
150.0	0.442	56.2	11.3	336.6	5.000	108.8	19.2	67.8
151.0	0.431	56.0	11.2	336.0	5.000	108.8	19.3	67.7
152.0	0.420	55.8	11.2	335.4	5.000	108.7	19.3	67.7
153.0	0.409	55.6	11.1	334.8	5.000	108.7	19.4	67.6
154.0	0.398	55.3	11.0	334.3	5.000	108.7	19.5	67.5
155.0	0.387	55.2	10.9	333.7	5.000	108.7	19.6	67.4
156.0	0.377	55.1	10.8	333.2	5.000	108.6	19.7	67.4
157.0	0.366	55.1	10.7	332.6	5.000	108.6	19.8	67.3
158.0	0.356	55.2	10.7	332.1	5.000	108.6	19.8	67.2
159.0	0.346	55.3	10.6	331.6	5.000	108.6	19.9	67.2
160.0	0.336	55.3	10.5	331.1	5.000	108.5	20.0	67.1

HOLLY HILL PROT./WKTO INTER.

EXHIBIT #7J

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WKTO.A- BMPED930113MC
Channel= 204
Max ERP = 5 kW
RCAMSL = 114 M
N. Lat = 290153
W. Lng = 810314

PROPOSED - HOLLY HILL
Channel = 201
Max ERP = 2 kW
RCAMSL = 64.008 M
N. Lat = 291644
W. Lng = 811125

Protected
60 dBu

Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
299.0	5.000	103.7	27.6	217.8	0.215	54.3	17.8	49.3
300.0	5.000	103.7	27.6	218.1	0.215	54.3	17.3	49.7
301.0	5.000	103.7	27.6	218.3	0.216	54.3	16.8	50.1
302.0	5.000	103.6	27.6	218.4	0.216	54.3	16.3	50.6
303.0	5.000	103.6	27.6	218.6	0.216	54.3	15.9	51.0
304.0	5.000	103.6	27.6	218.8	0.216	54.3	15.4	51.4
305.0	5.000	103.7	27.6	219.0	0.216	54.3	14.9	51.6
306.0	5.000	103.7	27.6	219.1	0.217	54.3	14.4	52.2
307.0	5.000	103.8	27.6	219.2	0.217	54.3	13.9	52.8
308.0	5.000	103.8	27.6	219.3	0.217	54.3	13.5	53.4
309.0	5.000	103.9	27.6	219.4	0.217	54.3	13.0	54.1
310.0	5.000	103.9	27.6	219.4	0.217	54.3	12.5	54.8
311.0	5.000	103.9	27.6	219.3	0.217	54.3	12.0	55.5
312.0	5.000	104.0	27.7	219.3	0.217	54.3	11.5	56.3
313.0	5.000	104.0	27.7	219.1	0.217	54.3	11.0	57.1
314.0	5.000	104.0	27.7	218.9	0.216	54.3	10.6	57.9
315.0	5.000	104.0	27.7	218.7	0.216	54.3	10.1	58.7
316.0	5.000	104.0	27.7	218.3	0.216	54.3	9.6	59.5
317.0	5.000	104.1	27.7	218.0	0.215	54.3	9.1	60.4
318.0	5.000	104.2	27.7	217.5	0.215	54.3	8.6	61.2
319.0	5.000	104.4	27.7	217.1	0.214	54.3	8.2	62.1
320.0	5.000	104.6	27.7	216.5	0.213	54.2	7.7	63.0
321.0	5.000	104.9	27.8	215.8	0.212	54.2	7.2	64.1
322.0	5.000	105.2	27.8	215.0	0.211	54.1	6.7	65.2
323.0	5.000	105.7	27.9	214.2	0.210	54.1	6.3	66.5
324.0	5.000	106.4	28.0	213.4	0.209	54.1	5.8	68.0
325.0	5.000	107.2	28.0	212.4	0.208	54.2	5.3	69.6
326.0	5.000	107.8	28.1	210.9	0.206	54.4	4.8	71.3
327.0	5.000	108.2	28.2	208.7	0.205	54.5	4.3	73.0
328.0	5.000	108.3	28.2	205.4	0.205	54.5	3.9	74.8
329.0	5.000	108.4	28.2	201.1	0.205	54.6	3.5	76.7
330.0	5.000	108.5	28.2	195.7	0.210	54.6	3.1	78.8
331.0	5.000	108.5	28.2	188.6	0.222	55.1	2.8	81.1
332.0	5.000	108.6	28.2	179.8	0.246	54.4	2.5	83.4
333.0	5.000	108.6	28.2	169.0	0.293	54.0	2.3	85.5
334.0	5.000	108.7	28.2	156.9	0.367	55.1	2.2	87.5
335.0	5.000	108.7	28.2	144.4	0.542	57.7	2.3	89.2
336.0	5.000	108.8	28.2	132.7	0.877	58.0	2.4	90.3
337.0	5.000	108.8	28.2	122.9	1.233	59.4	2.7	90.1
338.0	5.000	108.8	28.2	115.0	1.514	60.7	3.0	89.2
339.0	5.000	108.9	28.2	108.7	1.722	60.5	3.3	87.7

HOLLY HILL INTER./WKTO PROT.

EXHIBIT #7K
AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

29 16 44 - TABULATED PROTECTED AND INTERFERING CONTOURS
81 11 25 - NEW NONCOMMERCIAL STATION - HOLLY HILL, FLORIDA

ERP = 2 kW, 3.01 dBk FM - 2-6 Tables

Radial	HAAT	kW	dBk	Field	60 dBu.5	54 dBu.1	40 dBu.1	100 dBu.1
0 Degs.	57.9M	2.000	3.010	1.000	16.7	24.7	59.9	1.7
10 Degs.	57.9M	2.000	3.010	1.000	16.7	24.7	59.9	1.7
20 Degs.	58.3M	2.000	3.010	1.000	16.8	24.8	60.0	1.7
30 Degs.	59.4M	2.000	3.010	1.000	17.0	25.0	60.4	1.7
40 Degs.	60.3M	2.000	3.010	1.000	17.1	25.2	60.6	1.7
50 Degs.	60.8M	2.000	3.010	1.000	17.2	25.3	60.8	1.7
60 Degs.	60.9M	2.000	3.010	1.000	17.2	25.3	60.8	1.7
70 Degs.	61.5M	2.000	3.010	1.000	17.3	25.4	60.9	1.7
80 Degs.	62.1M	2.000	3.010	1.000	17.3	25.5	61.1	1.7
90 Degs.	62.2M	2.000	3.010	1.000	17.4	25.5	61.1	1.7
100 Degs.	61.3M	1.921	2.835	0.980	17.0	25.1	60.3	1.7
110 Degs.	60.6M	1.693	2.286	0.920	16.4	24.2	58.3	1.6
120 Degs.	60.0M	1.345	1.287	0.820	15.3	22.8	54.9	1.5
130 Degs.	58.4M	0.980	-0.088	0.700	13.9	20.8	50.0	2.2
140 Degs.	57.9M	0.627	-2.026	0.560	12.5	18.4	43.8	1.8
150 Degs.	56.2M	0.442	-3.548	0.470	11.3	16.3	39.0	1.5
160 Degs.	55.3M	0.336	-4.734	0.410	10.5	14.6	35.7	1.3
170 Degs.	53.9M	0.289	-5.394	0.380	10.0	13.9	33.6	1.2
180 Degs.	54.4M	0.245	-6.108	0.350	9.7	13.4	32.1	1.1
190 Degs.	55.1M	0.218	-6.619	0.330	9.4	13.2	31.2	1.0
200 Degs.	54.6M	0.205	-6.887	0.320	9.2	12.9	30.5	1.0
210 Degs.	54.5M	0.205	-6.887	0.320	9.2	12.9	30.5	1.0
220 Degs.	54.4M	0.218	-6.619	0.330	9.4	13.1	31.0	1.0
230 Degs.	54.5M	0.231	-6.360	0.340	9.5	13.3	31.6	1.1
240 Degs.	55.2M	0.274	-5.626	0.370	10.0	13.9	33.5	1.2
250 Degs.	56.9M	0.353	-4.525	0.420	10.8	15.3	36.8	1.3
260 Degs.	57.7M	0.551	-2.587	0.525	12.1	17.7	42.2	1.6
270 Degs.	57.9M	0.858	-0.665	0.655	13.4	20.0	48.0	2.1
280 Degs.	57.9M	1.217	0.852	0.780	14.6	21.9	52.8	2.4
290 Degs.	59.1M	1.514	1.801	0.870	15.6	23.3	56.3	1.6
300 Degs.	61.2M	1.767	2.473	0.940	16.6	24.6	59.1	1.7
310 Degs.	60.8M	1.921	2.835	0.980	17.0	25.0	60.2	1.7
320 Degs.	58.1M	2.000	3.010	1.000	16.8	24.8	60.0	1.7
330 Degs.	57.2M	2.000	3.010	1.000	16.6	24.6	59.7	1.7
340 Degs.	57.5M	2.000	3.010	1.000	16.7	24.6	59.8	1.7
350 Degs.	57.9M	2.000	3.010	1.000	16.7	24.7	59.9	1.7

HOLLY HILL TABULATED DATA

EXHIBIT #7L

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

AMEND BPED-930316MF
COMMUNITY EDUCATIONAL ASSOCIATION
NEW NONCOMMERCIAL STATION
CH 201A - 88.1 MHZ - 2.0 KW
HOLLY HILL, FLORIDA
August 1994

EXHIBIT #8

Intermediate Frequency and Minimum Distance Separation Compliance

There are no stations separated by either 53 or 54 channels in the immediate vicinity of this proposed new noncommercial facility. The nearest intermediate frequency ("IF") station is WMMO, Channel 255C2, Orlando, Florida. WMMO is located 83.97 kilometers at a bearing of 192.7° from the proposed Holly Hill site. The minimum distance separation requirements for an IF station (§73.207) require the Holly Hill facility to be 15.0 kilometers from WMMO. Therefore, since the proposed site is more than 15.0 kilometers from WMMO, this proposal complies with the IF separation requirements.

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NEW NONCOMMERCIAL STATION
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August 1994.

EXHIBIT #9

Channel 6 Television Interference Analysis

The proposed new noncommercial FM station at Holly Hill, Florida, is located within the Grade B contour of WCPX-TV, Channel 6, Orlando, Florida. WCPX-TV operates with an effective radiated power of 100.0 kilowatts (horizontal polarization) at a height above average terrain of 445 meters. The WCPX-TV site is located at North Latitude 28° 36' 08" and West Longitude 81° 05' 37". The distance between the WCPX-TV site and the proposed new Holly Hill site is 80.99 kilometers. Therefore, this proposal potentially impacts WCPX-TV according to §73.525(a)(1) of the Commission's rules.

The proposed Holly Hill facility will operate with a vertical-only polarized antenna to minimize its impact to WCPX-TV. Pursuant to §73.525(e)(4)(i) of the Commission's rules, Community Educational Association ("CEA") calculates its potential interference based on an effective radiated power of 50.0 watts. This level of power is based on dividing 2,000 watts (2.0 kilowatts) by a factor of 40, since the entire interference area is outside a city of 50,000 persons. The power level of

50.0 watts at the proposed height above average terrain of 58 meters was utilized to calculate the potential interference WCPX-TV.

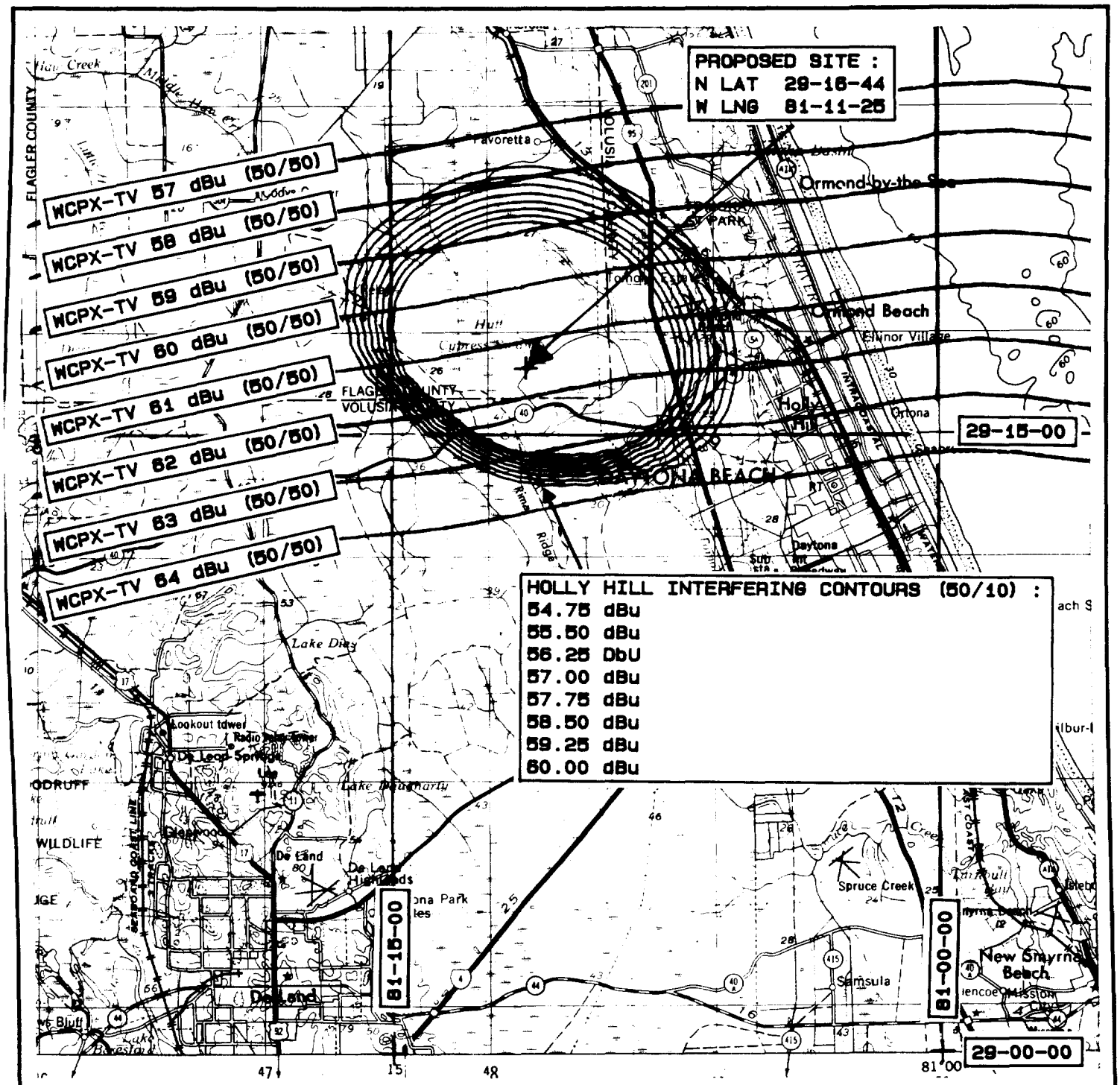
Exhibit #9A is a detailed interference analysis (utilizing various WCPX-TV protected and proposed Holly Hill interfering contours) which was used to determine the area of theoretical interference caused to WCPX-TV by this proposed new non-commercial facility. The pertinent desired-to-undesired ratios were determined using Figure #1, contained in §73.599 of the Commission's rules. In order to project the potential interference area, the WCPX-TV protected contour was raised in 1.0 dB increments (starting with the 57 dBu (50/50) contour) and the corresponding new Holly Hill interfering contour was 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). Exhibits #9B and #9C are visual depictions of the theoretical depth of interference to WCPX-TV, using the U.S. Census Map of Florida, Sections 4 and 3, respectively.[1] Based on the depth of the interference area, the percentages of the areas in each division, less the towns and CDP's, were then calculated. The results are tabulated on Exhibit #9D.[2]

1) The Census Maps used were taken from the 1990 Census of Population and Housing, Population and Housing Unit Counts, Florida, 1990 CPH-2-11.

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

Using the 1990 Census data and making the necessary adjustments to remove the towns and CDP's from the total division figures (Exhibits #9E and #9F), the resulting sum of the persons in each division would equal 2,950 persons (assuming uniform distribution of persons).[3] Since this level is below the 3,000 person cap noted in §73.525(c), this proposal complies with §73.525 of the Commission's rules and regulations.

3) As noted on Exhibit #9D, 150 persons were subtracted from the calculated 3,000 persons pursuant to §73,525(c)(2), since the applicant pledges to install 150 filters within 30 days of commencement of program test.



HOLLY HILL & WCPX-TV CONTOURS

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

ALL WCPX-TV CONTOURS ARE BASED ON FCC F (50/50) CURVES. HOLLY HILL CONTOURS ARE BASED ON FCC F (50/10) CURVES.

SCALE 1:250,000

MI 5 0 5 MI

KM 5 0 5 KM

EXHIBIT #9A

AMEND BPED-930316MF
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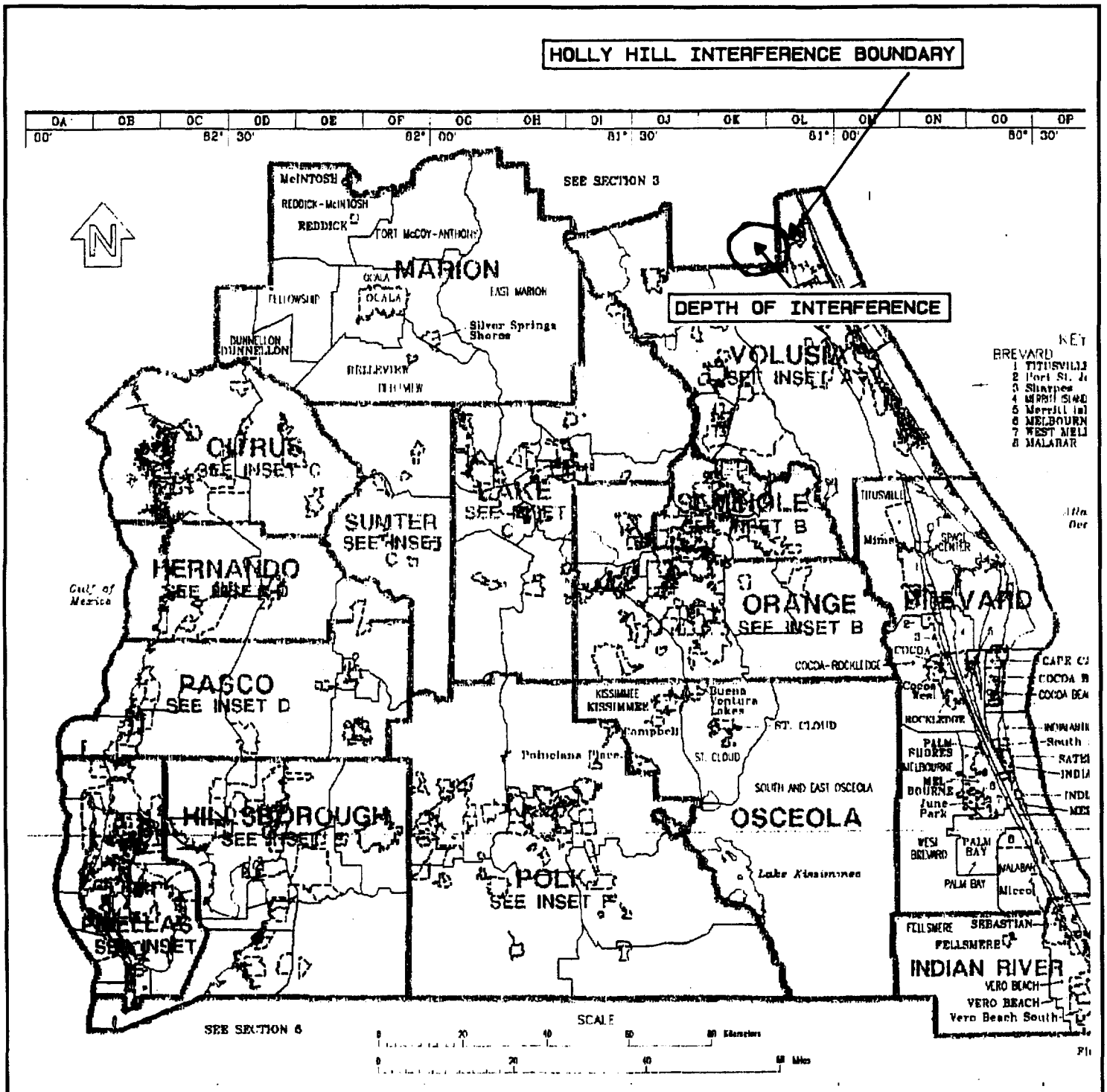
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS



DEPTH OF INTERFERENCE STUDY

MAP IS A PORTION OF SECTION 4 U.S. 1990 CENSUS OF THE STATE OF FLORIDA.

EXHIBIT #9B

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.

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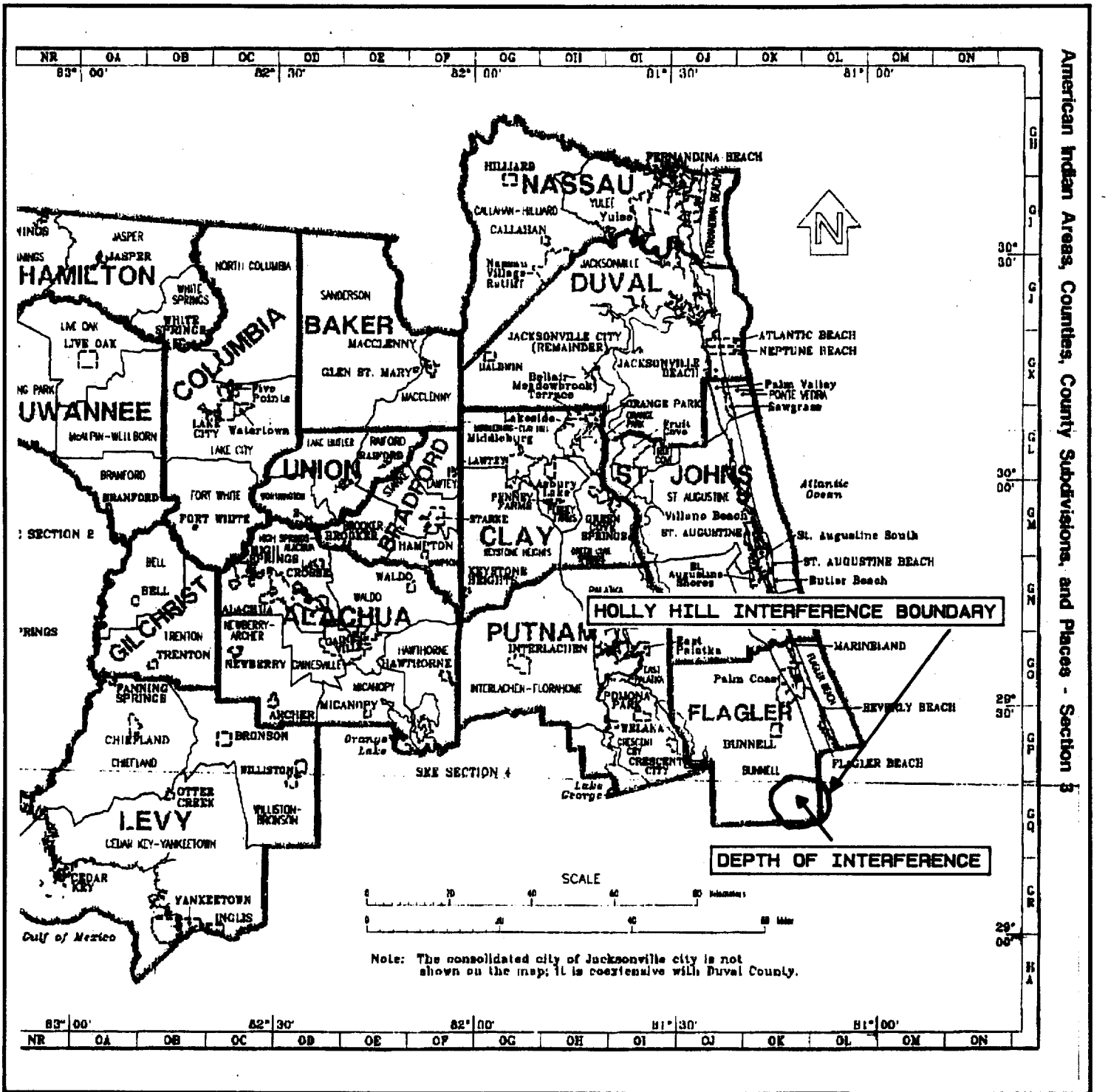

DEPTH OF INTERFERENCE STUDY

MAP IS A PORTION OF SECTION 3 U.S. 1990 CENSUS OF THE STATE OF FLORIDA.

EXHIBIT #9C

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

AMEND BPED-930316MF
COMMUNITY EDUCATIONAL ASSOCIATION
NEW NONCOMMERCIAL STATION
CH 201A - 88.1 MHZ - 2.0 KW
HOLLY HILL, FLORIDA
August 1994

EXHIBIT #9D

Tabulation of Persons Within the Theoretical Interference Area

	% of Area	Population Within Area
Flagler County:		
Bunnell Division	8.3%	574
Volusia County:		
Central Volusia Division	2.0%	149
Ormond Beach Town (part)	77.7%	574
Ormond Beach Division	5.3%	621
Ormond Beach Town	5.2%	1182
	TOTAL	3100
(Less adjustment for installation of filters, pursuant to §73.525(c)(2)		*- 150*
Persons in Channel 6 interference area		**2950**

Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and I

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text

State County County Subdivision Place	Population			Housing units			Sq
	1990	1980	1970	1990	1980	1970	
Union County †	10 252	10 166	8 112	2 975	2 329	1 745	
Lake Butler division	5 796	4 661	3 118	1 497	1 158	801	
Lake Butler city †	2 116	1 830	1 598	811	701	541	
Raiford division	2 194	3 836	3 729	604	584	540	
Raiford town	198	259	...	89	105	...	
Worthington division	2 262	1 669	1 265	874	587	404	
Worthington Springs town	178	220	214	76	80	66	
Volusia County †	370 712	258 762	169 487	180 972	124 427	70 605	
Central Volusia division	12 513	5 564	...	4 053	2 113	...	
Daytona Beach city (pt.) †	136			9	–	...	
Deltona CDP (pt.)	–	...	...	–	...	...	
Ormond Beach city (pt.) †	739	–	...	263	–	...	
Port Orange city (pt.) †	761	176	...	437	120	...	
Samsula-Spruce Creek CDP	3 404	1 971	...	1 475	711	...	
Daytona Beach division	42 068	40 405	...	19 521	16 602	...	
Daytona Beach city (pt.) †	40 429	38 010	(NA)	18 751	15 657	(NA)	
De Bary-Orange City division	22 489	13 001	...	11 255	6 849	...	
De Bary CDP	7 176	4 980	3 154	3 404	2 650	1 667	
De Land city (pt.) †	–	...	...	–	...	...	
Orange City city †	5 347	2 795	1 777	3 041	1 505	835	
De Land division	44 531	38 205	...	19 666	16 256	...	
De Land city (pt.) †	16 491	15 354	11 641	7 724	6 689	4 530	
De Land Southwest CDP	1 249	1 481	...	524	626	...	
De Leon Springs CDP	1 481	1 669	1 134	576	672	458	
Lake Helen city (pt.) †	–	24	(NA)	–	6	(NA)	
North De Land CDP	1 493	1 557	...	627	674	...	
West De Land CDP	3 389	3 055	...	1 319	1 230	...	
Deltona division	55 425	19 379	...	22 828	9 409	...	
Deltona CDP (pt.)	50 828	15 710	4 866	20 744	7 881	2 587	
Lake Helen city (pt.) †	2 344	2 023	(NA)	1 033	812	(NA)	
New Smyrna division	45 217	29 876	...	26 261	17 326	...	
Edgewater city †	15 337	6 726	3 348	6 888	3 182	1 478	
Glencoe CDP	2 282	1 640	...	1 008	680	...	
New Smyrna Beach city †	16 543	13 557	10 580	11 476	8 698	5 297	
Oak Hill city †	917	938	747	376	374	238	
Ponce Inlet town (pt.)	–	–	...	–	–	...	
Port Orange city (pt.) †	–	–	...	–	–	...	
North Peninsula division	27 872	29 065	...	17 657	17 095	...	
Daytona Beach city (pt.) †	12 489	13 997	(NA)	8 315	8 870	(NA)	
Ormond Beach city (pt.) †	6 258	6 892	(NA)	3 403	3 513	(NA)	
Ormond-By-The-Sea CDP	8 157	7 665	6 002	5 241	4 322	2 992	
Ormond Beach division	45 399	35 620	...	21 148	15 077	...	
Daytona Beach city (pt.) †	–	...	...	–	...	...	
Holly Hill city †	11 141	9 953	8 191	5 652	4 870	3 531	
Ormond Beach city (pt.) †	22 724	14 544	(NA)	10 444	5 798	(NA)	
Pierson-Seville division	8 233	4 934	3 246	2 529	2 003	1 377	
Pierson town †	2 988	1 085	654	410	382	255	
Port Orange division	58 505	35 600	...	29 281	17 268	...	
Daytona Beach city (pt.) †	7 059	2 169	(NA)	4 155	1 407	(NA)	
Ponce Inlet town (pt.)	–	–	...	–	–	...	
Port Orange city (pt.) †	34 187	18 247	3 781	16 336	8 543	1 659	
South Daytona city (pt.) †	12 482	11 181	4 979	6 122	5 056	1 943	
South Peninsula division	8 440	7 113	5 317	6 773	4 427	2 374	
Daytona Beach city (pt.) †	1 808	...	...	944	...	...	
Daytona Beach Shores city †	2 335	1 324	768	2 852	1 267	371	
Ponce Inlet town (pt.)	1 704	1 003	328	1 340	731	142	
Port Orange city (pt.) †	369	333	...	246	192	...	
South Daytona city (pt.) †	–	71	...	–	38	...	

CENSUS DATA (VOLUSIA COUNTY)

EXHIBIT #9E

AMEND BPED-930316MF
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NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA
August 1994

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and D

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text]

State County County Subdivision Place	Population			Housing units			Square
	1990	1980	1970	1990	1980	1970	
DeSoto County †	23 865	19 039	13 060	10 310	7 458	4 095	
Arcadia East division	15 661	12 585	...	6 682	5 097	...	
Arcadia city (pt.) †	6 488	6 002	5 658	2 835	2 575	2,100	
Southeast Arcadia CDP	4 145	...	...	1 940	...	...	
Arcadia West division	8 204	6 454	...	3 628	2 361	...	
Arcadia city (pt.) †	-	-	...	-	-	...	
Dixie County †	10 585	7 751	5 480	6 445	4 010	1 884	
Cross City North division	7 233	5 375	...	3 687	2 129	...	
Cross City town †	2 041	2 154	2 268	993	921	751	
Cross City South division	3 352	2 376	...	2 758	1 881	...	
Horseshoe Beach town	252	304	124	306	365	67	
Duval County †	672 971	571 003	528 865	284 673	227 077	174 309	
Jacksonville division	672 971	571 003	528 865	284 673	227 077	174 309	
Atlantic Beach city †	11 636	7 847	6 132	4 948	3 104	(NA)	
Baldwin town	1 450	1 526	1 408	603	587	(NA)	
Jacksonville Beach city †	17 839	15 462	12 779	8 709	7 296	(NA)	
Jacksonville city (remainder) †	635 230	540 920	504 265	267 148	213 556	164 952	
Neptune Beach city	6 816	5 248	4 281	3 265	2 534	(NA)	
Escambia County †	262 798	233 794	205 334	112 230	88 661	65 141	
Cantonment division	34 746	23 389	13 433	13 166	7 926	3 692	
Ensley CDP (pt.)	4 879	3 549	...	2 083	1 458	...	
Ferry Pass CDP (pt.)	5 242	2 493	...	1 990	703	...	
Gonzalez CDP	7 669	6 084	...	2 873	2 120	...	
Century division	8 395	8 333	8 015	3 337	2 892	2 548	
Century town †	1 989	495	329	872	176	121	
Molino CDP (pt.)	1 063	1 027	...	398	313	...	
Northwest Escambia division	3 864	2 985	2 879	1 402	990	918	
Molino CDP (pt.)	144	429	...	51	159	...	
Pensacola division	215 793	199 087	...	94 325	76 843	...	
Bellview CDP	19 386	15 439	...	7 474	5 418	...	
Brent CDP	21 624	21 872	...	7 838	7 793	...	
Ensley CDP (pt.)	11 483	10 873	...	4 688	3 771	...	
Ferry Pass CDP (pt.)	21 059	14 417	...	9 438	5 764	...	
Goulding CDP	4 139	8 352	...	1 616	1 926	...	
Myrtle Grove CDP	17 402	14 238	16 186	6 471	4 591	4 481	
Pensacola city †	58 165	57 619	59 507	26 366	23 312	21 063	
Warrington CDP	16 040	15 792	15 840	7 553	7 060	5 886	
West Pensacola CDP	22 107	24 371	20 924	10 032	9 923	7 410	
Flagler County †	28 701	10 913	4 454	15 215	5 891	1 867	
Bunnell division	13 765	4 166	...	6 108	1 630	...	
Bunnell city †	1 873	1 816	1 687	728	675	546	
Palm Coast CDP (pt.)	4 971	...	...	2 430	...	...	
Flagler Beach division	14 936	6 747	...	9 107	4 261	...	
Beverly Beach town	312	217	21	253	197	17	
Flagler Beach city †	3 820	2 208	1 042	2 661	1 540	613	
Marineland town (pt.)	21	8	2	16	6	1	
Palm Coast CDP (pt.)	9 316	2 837	...	5 092	1 559	...	
Franklin County †	8 967	7 661	7 065	5 891	4 497	3 489	
Apalachicola division	4 443	3 917	3 959	2 727	2 013	1 376	
Apalachicola city	2 602	2 565	3 102	1 190	1 100	1 099	
Carrabelle division	2 528	2 075	1 732	2 214	1 703	1 404	
Carrabelle city (pt.) †	1 173	1 304	1 044	683	632	460	
Eastpoint division	1 996	1 669	1 374	950	781	629	
Carrabelle city (pt.) †	27	...	...	22	...	...	
Eastpoint CDP	1 577	1 246	1 188	663	490	485	

CENSUS DATA (FLAGLER COUNTY)

EXHIBIT #9F

AMEND BPED-930316MF
COMM. EDUCATIONAL ASSOC.
NONCOMMERCIAL FM STATION
CH 201A - 2.0 KW (V)
HOLLY HILL, FLORIDA

August 1994

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BROADCAST TECHNICAL CONSULTANTS