

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A

Non-Commercial Allocation Analysis and §73.509 Study

Due to its operating channel WGES could potentially impact other authorized or proposed non-commercial stations operating on co-or adjacent FM channels. The detailed list of stations reviewed as potentially impacted by Channel 215C2 at Key Largo, Florida, is shown on Exhibit A1. The stations reviewed were WSOR, WXEL, WVUM and WLRN.¹ The provisions of §73.509 will be met by specifying less than maximum Class C2 facilities and utilizing a directional FM antenna system.

§73.509 Analysis

Exhibit A2 specifically demonstrates there will be no prohibited overlap of contour between the proposed WGES facility and WSOR, WXEL, WVUM and WLRN. Attached as Exhibits A3 through A14 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of WGES and the above noted stations. Further, attached as Exhibit A15 are the tabulated and protected contours of the proposed WGES, in ten degree increments.

Stations Removed by 53 and 54 Channels (I.F. Relationship)

The nearest station operating on a frequency either 53 or 54 channels removed from this proposal is the licensed facility of WLYF, channel 268C1, Miami, Florida. The WLYF site is

1) The remaining stations listed were reviewed, and based on the distance between the protected and interfering contours, are in compliance with §73.509 of the rules and are not shown on Exhibit A2.

located on a bearing of 17.8° at a distance of 69.17 kilometers from WGES. Pursuant to §73.207 of the rules, WGES must be a minimum of 27.0 kilometers from WLYF. WGES is located more than 40.0 kilometers farther than the required distance. Therefore, this proposal does not impact any intermediate frequency stations.

Channel 6 Television Protection

The proposed WGES facility is located within the 90 dBu contour of WTVJ, Channel 6, Miami, Florida. As such, the WGES' interference contour toward WTVJ is the 92 dBu (50/10) contour. Exhibit A16 is a map depicting the protected contour of WTVJ and the interfering contour of WGES. The WGES site is located adjacent to the Everglades National Park. As such, the Channel 6 interference contour is within the park boundary, a non-populated area. Further, an evaluation of the population, based on the Probe II model, showed no population centroids within the 92 dBu contour. Since there is no population within the interference contour, this proposal complies with §73.525 of the rules.

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EXHIBIT A1

Interference Analysis

REFERENCE		CH# 215C2 - 90.9 MHz, Pwr= 29 kW, HAAT=87.0M, COR= 87 M								DISPLAY DATES	
25 22 20 N		Average Protected F(50-50)= 38.0 km								DATA 07-26-02	
80 25 26 W		Ave. F(50-10) 40 dBu= 114.9 54 dBu= 59.5 80 dBu= 12.5 100 dBu= 3.9									
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
215C2	WGES.C	CP	CN	147.2	18.07	25 14 07	29.000	87	38.0	-134.75	-134.75
Key Largo		FL		327.2	BPED19950531MG	80 19 35	87	114.9	Genesis Broadcasting Netwo		
215C1	*WSOR	LIC	CN	310.1	167.97	26 20 26	36.000	277	60.4	-14.89	-7.30
Naples		FL		130.1	BLED19881114KB	81 42 48	277	144.9	The Moody Bible Institute		
> Reference HAAT at 310.1°= 87.0 M, Pwr= 029.0 kW, Pro. Dist. = 37.95 km, Int Dist. = 114.87 km											
214C1	*WXEL.C	CP	DCX	7.7	134.70	26 34 37	4.376	325	44.3	30.69	30.96
West Palm Beach		FL		187.7	BMPED20020219ABB	80 14 32	325	66.1	Barry Telecommunications,		
> Reference HAAT at 7.7°= 87.0 M, Pwr= 029.0 kW, Pro. Dist. = 37.95 km, Int Dist. = 59.47 km											
213A	*WVUM	LIC	EN	20.6	40.86	25 43 02	1.300	55	14.5	1.30	22.43
Coral Gables		FL		200.6	BLED19931021KA	80 16 48	55	1.6	Wvum, Inc.		
> Reference HAAT at 20.6°= 87.0 M, Pwr= 029.0 kW, Pro. Dist. = 37.95 km, Int Dist. = 3.94 km											
217C1	*WLRNFM	CP	DCX	18.6	71.05	25 58 46	45.319	287	63.4	25.14	3.70
Miami		FL		198.6	BPED20011211AAZ	80 11 46	287	8.0	The School Board Of Miami		
> Reference HAAT at 18.6°= 87.0 M, Pwr= 029.0 kW, Pro. Dist. = 37.95 km, Int Dist. = 3.94 km											
217C1	*WLRNFM	LIC	CN	18.6	71.10	25 58 48	100.000	201	63.9	24.90	3.27
Miami		FL		198.6	BLED19850214KP	80 11 47	201	8.2	The School Board Of Miami		
> Reference HAAT at 18.6°= 87.0 M, Pwr= 029.0 kW, Pro. Dist. = 37.95 km, Int Dist. = 3.94 km											
215A	WJIR	LIC	CN	236.9	165.87	24 33 07	0.390	39	8.8	98.43	42.18
Key West		FL		56.9	BLED19880223KJ	81 47 53	37	29.5	Key West Educational B/c F		
214C2	WXEL	LIC	CN	7.7	134.70	26 34 37	25.000	112	40.2	35.30	35.04
West Palm Beach		FL		187.7	BLED19821209AF	80 14 32	107	61.4	Barry Telecommunications,		
268C1	WLYF	LIC	CN	17.8	69.17	25 57 59	100.000	250	68.0	27.0R	42.2M
Miami		FL		197.8	BLH5032	80 12 44	247	0.0	Jefferson-pilot Communicat		
06Z3C	WTVJ	CP	CY	346.5	19.12	25 32 24	100.000	552	124.5	79.0R	-59.9M
Miami		FL		166.5	BPCT19950918KE	80 28 07	549	0.0	Nbc Stations Management, I		

* = ERP and HAAT on direct line to and from reference station.

CO-CHANNEL ALLOCATION CLEARANCE

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

WGES- CP

BPED-19950531MG
Latitude: 25-22-20 N
Longitude: 080-25-26 W
ERP: 29.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 87.0 m
Elevation: 0.0 m
HAAT: 87.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

WSOR

Latitude: 26-20-26 N
Longitude: 081-42-48 W
ERP: 36.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 277.0 m
Elevation: 0.0 m
HAAT: 277.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

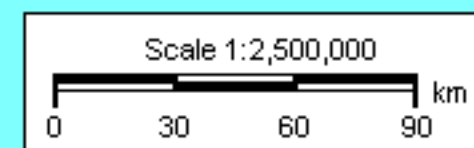
WSOR 60 dBu (50/50)

WSOR 40 dBu (50/10)

WGES 60 dBu (50/50)

WGES 40 dBu (50/10)

EXHIBIT A2(a)
MODIFICATION TO BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002



1ST ADJACENT CHANNEL ALLOCATION CLEARANCE

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

WXEL CP 60 dBu (50/50)

WXEL CP 54 dBu (50/10)

WXEL Lic 60 dBu (50/50)

WXEL Lic 54 dBu (50/10)

WGES - Proposed

Latitude: 25-22-20 N
Longitude: 080-25-26 W
ERP: 29.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 87.0 m
Elevation: 0.0 m
HAAT: 87.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

WGES 60 dBu (50/50)

WGES 54 dBu (50/10)

WXEL

Latitude: 26-34-37 N
Longitude: 080-14-32 W
ERP: 25.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 112.0 m
Elevation: 0.0 m
HAAT: 107.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

WXEL.C

BMPED-20020219ABB
Latitude: 26-34-37 N
Longitude: 080-14-32 W
ERP: 44.00 kW
Channel: 214
Frequency: 90.7 MHz
AMSL Height: 325.0 m
Elevation: 0.0 m
HAAT: 325.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

EXHIBIT A2(b)
MODIFICATION TO BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
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July 2002

Scale 1:1,000,000
0 10 20 30 km

2nd & 3rd ADJACENT CHANNEL ALLOCATION CLEARANCE

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

WGES - Proposed

Latitude: 25-22-20 N
Longitude: 080-25-26 W
ERP: 29.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 87.0 m
Elevation: 0.0 m
HAAT: 87.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

WVUM

Latitude: 25-43-02 N
Longitude: 080-16-48 W
ERP: 1.30 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 55.0 m
Elevation: 0.0 m
HAAT: 53.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

WLRN-FM

Latitude: 25-58-48 N
Longitude: 080-11-47 W
ERP: 100.00 kW
Channel: 217
Frequency: 91.3 MHz
AMSL Height: 201.0 m
Elevation: 0.0 m
HAAT: 198.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

WLRN-FM.C

BPED20011211AAZ
Latitude: 25-58-46 N
Longitude: 080-11-46 W
ERP: 47.00 kW
Channel: 217
Frequency: 91.3 MHz
AMSL Height: 287.0 m
Elevation: 0.0 m
HAAT: 285.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

WLRN-FM Lic/CP 60 dBu (50/50)

WLRN-FM Lic/CP 100 dBu (50/10)

WVUM 100 dBu (50/10)

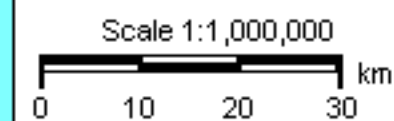
WVUM 60 dBu (50/50)

WGES 100 dBu (50/10)

WGES 60 dBu (50/50)

EXHIBIT A2(c)

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EXHIBIT A3

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WSOR BLED-19881114KB
Channel = 215C1
Max ERP = 36 kW
RCAMSL = 277 M
N. Lat = 26 20 26
W. Lng = 81 42 48

Protected
60 dBu

Interfering
40 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
270.0	009.1201	0087.0	029.1	136.9	036.0000	0277.0	146.8	39.7
271.0	008.7653	0087.0	028.8	136.7	036.0000	0277.0	146.6	39.7
272.0	008.4174	0087.0	028.6	136.5	036.0000	0277.0	146.4	39.7
273.0	008.0767	0087.0	028.3	136.3	036.0000	0277.0	146.2	39.8
274.0	007.7429	0087.0	028.0	136.1	036.0000	0277.0	146.1	39.8
275.0	007.4163	0087.0	027.8	135.8	036.0000	0277.0	146.0	39.8
276.0	007.0966	0087.0	027.5	135.6	036.0000	0277.0	145.9	39.8
277.0	006.7840	0087.0	027.2	135.4	036.0000	0277.0	145.8	39.8
278.0	006.4784	0087.0	027.0	135.2	036.0000	0277.0	145.7	39.9
279.0	006.1799	0087.0	026.7	135.0	036.0000	0277.0	145.7	39.9
280.0	005.8884	0087.0	026.4	134.8	036.0000	0277.0	145.6	39.9
281.0	005.6593	0087.0	026.1	134.6	036.0000	0277.0	145.6	39.9
282.0	005.4348	0087.0	025.9	134.4	036.0000	0277.0	145.5	39.9
283.0	005.2147	0087.0	025.7	134.2	036.0000	0277.0	145.5	39.9
284.0	004.9993	0087.0	025.4	134.0	036.0000	0277.0	145.5	39.9
285.0	004.7883	0087.0	025.2	133.8	036.0000	0277.0	145.4	39.9
286.0	004.5820	0087.0	024.9	133.6	036.0000	0277.0	145.5	39.9
287.0	004.3801	0087.0	024.7	133.4	036.0000	0276.9	145.5	39.9
288.0	004.1828	0087.0	024.4	133.2	036.0000	0276.9	145.5	39.9
289.0	003.9901	0087.0	024.2	133.0	036.0000	0276.9	145.6	39.9
290.0	003.8019	0087.0	023.9	132.8	036.0000	0276.9	145.7	39.9
291.0	003.6750	0087.0	023.7	132.6	036.0000	0276.9	145.7	39.9
292.0	003.5504	0087.0	023.5	132.4	036.0000	0276.8	145.7	39.9
293.0	003.4278	0087.0	023.3	132.3	036.0000	0276.8	145.7	39.8
294.0	003.3074	0087.0	023.2	132.1	036.0000	0276.8	145.8	39.8
295.0	003.1892	0087.0	023.0	131.9	036.0000	0276.8	145.8	39.8
296.0	003.0731	0087.0	022.8	131.7	036.0000	0276.8	145.9	39.8
297.0	002.9592	0087.0	022.6	131.6	036.0000	0276.8	146.0	39.8
298.0	002.8474	0087.0	022.4	131.4	036.0000	0276.7	146.1	39.8
299.0	002.7377	0087.0	022.2	131.2	036.0000	0276.7	146.2	39.8
300.0	002.6303	0087.0	022.0	131.1	036.0000	0276.7	146.3	39.7
301.0	002.6183	0087.0	021.9	130.9	036.0000	0276.7	146.3	39.7
302.0	002.6064	0087.0	021.9	130.8	036.0000	0276.7	146.2	39.7
303.0	002.5945	0087.0	021.9	130.6	036.0000	0276.7	146.2	39.8
304.0	002.5826	0087.0	021.9	130.5	036.0000	0276.6	146.2	39.8
305.0	002.5707	0087.0	021.8	130.3	036.0000	0276.6	146.2	39.8

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July 2002

EXHIBIT A3 (continued)

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
306.0	002.5589	0087.0	021.8	130.2	036.0000	0276.6	146.2	39.8
307.0	002.5471	0087.0	021.8	130.0	036.0000	0276.6	146.2	39.8
308.0	002.5353	0087.0	021.8	129.9	036.0000	0276.6	146.2	39.8
309.0	002.5236	0087.0	021.7	129.7	036.0000	0276.6	146.2	39.8
310.0	002.5119	0087.0	021.7	129.6	036.0000	0276.6	146.2	39.8
311.0	002.5236	0087.0	021.7	129.4	036.0000	0276.6	146.2	39.8
312.0	002.5353	0087.0	021.8	129.3	036.0000	0276.6	146.2	39.8
313.0	002.5471	0087.0	021.8	129.1	036.0000	0276.6	146.2	39.8
314.0	002.5589	0087.0	021.8	129.0	036.0000	0276.6	146.2	39.8
315.0	002.5707	0087.0	021.8	128.8	036.0000	0276.6	146.2	39.8
316.0	002.5826	0087.0	021.9	128.7	036.0000	0276.6	146.2	39.8
317.0	002.5945	0087.0	021.9	128.5	036.0000	0276.6	146.2	39.7
318.0	002.6064	0087.0	021.9	128.4	036.0000	0276.7	146.3	39.7
319.0	002.6183	0087.0	021.9	128.2	036.0000	0276.7	146.3	39.7
320.0	002.6303	0087.0	022.0	128.1	036.0000	0276.7	146.4	39.7
321.0	002.7377	0087.0	022.2	127.9	036.0000	0276.7	146.2	39.7
322.0	002.8474	0087.0	022.4	127.7	036.0000	0276.7	146.1	39.8
323.0	002.9592	0087.0	022.6	127.6	036.0000	0276.7	146.0	39.8
324.0	003.0731	0087.0	022.8	127.4	036.0000	0276.8	145.9	39.8
325.0	003.1892	0087.0	023.0	127.2	036.0000	0276.8	145.9	39.8
326.0	003.3074	0087.0	023.2	127.1	036.0000	0276.8	145.8	39.8
327.0	003.4278	0087.0	023.3	126.9	036.0000	0276.8	145.8	39.8
328.0	003.5504	0087.0	023.5	126.7	036.0000	0276.8	145.7	39.8
329.0	003.6750	0087.0	023.7	126.5	036.0000	0276.8	145.7	39.8
330.0	003.8019	0087.0	023.9	126.3	036.0000	0276.9	145.7	39.9
331.0	003.9901	0087.0	024.2	126.2	036.0000	0276.9	145.6	39.9
332.0	004.1828	0087.0	024.4	126.0	036.0000	0276.9	145.6	39.9
333.0	004.3801	0087.0	024.7	125.8	036.0000	0276.9	145.5	39.9
334.0	004.5820	0087.0	024.9	125.6	036.0000	0276.9	145.5	39.9
335.0	004.7883	0087.0	025.2	125.4	036.0000	0277.0	145.5	39.9
336.0	004.9993	0087.0	025.4	125.2	036.0000	0277.0	145.5	39.9
337.0	005.2147	0087.0	025.7	125.0	036.0000	0277.0	145.5	39.9
338.0	005.4348	0087.0	025.9	124.8	036.0000	0277.0	145.6	39.9
339.0	005.6593	0087.0	026.1	124.6	036.0000	0277.0	145.6	39.9
340.0	005.8884	0087.0	026.4	124.4	036.0000	0277.0	145.7	39.9
341.0	006.1799	0087.0	026.7	124.1	036.0000	0277.0	145.7	39.8
342.0	006.4784	0087.0	027.0	123.9	036.0000	0277.0	145.8	39.8
343.0	006.7840	0087.0	027.2	123.7	036.0000	0277.0	145.9	39.8
344.0	007.0966	0087.0	027.5	123.5	036.0000	0277.0	146.0	39.8
345.0	007.4163	0087.0	027.8	123.3	036.0000	0277.0	146.1	39.8
346.0	007.7429	0087.0	028.0	123.1	036.0000	0277.0	146.2	39.8
347.0	008.0767	0087.0	028.3	122.9	036.0000	0277.0	146.3	39.7
348.0	008.4174	0087.0	028.6	122.7	036.0000	0277.0	146.5	39.7
349.0	008.7653	0087.0	028.8	122.4	036.0000	0277.0	146.7	39.7

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July 2002

EXHIBIT A4

WSOR BLED-19881114KB
Channel = 215C1
Max ERP = 36 kW
RCAMSL = 277 M
N. Lat = 26 20 26
W. Lng = 81 42 48

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
40 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
110.0	036.0000	0276.9	060.4	320.3	002.6676	0087.0	113.0	30.0
111.0	036.0000	0277.0	060.4	319.9	002.6289	0087.0	112.5	30.0
112.0	036.0000	0277.0	060.4	319.4	002.6232	0087.0	112.0	30.1
113.0	036.0000	0277.0	060.4	318.9	002.6174	0087.0	111.5	30.2
114.0	036.0000	0277.0	060.4	318.4	002.6115	0087.0	111.1	30.2
115.0	036.0000	0277.0	060.4	317.9	002.6055	0087.0	110.7	30.3
116.0	036.0000	0277.0	060.4	317.4	002.5994	0087.0	110.3	30.4
117.0	036.0000	0277.0	060.4	316.9	002.5933	0087.0	109.9	30.4
118.0	036.0000	0277.0	060.4	316.4	002.5871	0087.0	109.6	30.5
119.0	036.0000	0277.0	060.4	315.9	002.5808	0087.0	109.3	30.5
120.0	036.0000	0277.0	060.4	315.3	002.5745	0087.0	109.0	30.6
121.0	036.0000	0277.0	060.4	314.8	002.5681	0087.0	108.7	30.6
122.0	036.0000	0277.0	060.4	314.2	002.5617	0087.0	108.5	30.6
123.0	036.0000	0277.0	060.4	313.7	002.5553	0087.0	108.3	30.7
124.0	036.0000	0277.0	060.4	313.1	002.5488	0087.0	108.1	30.7
125.0	036.0000	0277.0	060.4	312.6	002.5422	0087.0	108.0	30.7
126.0	036.0000	0276.9	060.4	312.0	002.5357	0087.0	107.9	30.7
127.0	036.0000	0276.8	060.4	311.5	002.5291	0087.0	107.8	30.7
128.0	036.0000	0276.7	060.4	310.9	002.5225	0087.0	107.7	30.7
129.0	036.0000	0276.6	060.4	310.3	002.5159	0087.0	107.7	30.7
130.0	036.0000	0276.6	060.4	309.8	002.5144	0087.0	107.7	30.7
131.0	036.0000	0276.7	060.4	309.2	002.5210	0087.0	107.7	30.7
132.0	036.0000	0276.8	060.4	308.7	002.5275	0087.0	107.8	30.7
133.0	036.0000	0276.9	060.4	308.1	002.5341	0087.0	107.9	30.7
134.0	036.0000	0277.0	060.4	307.5	002.5407	0087.0	108.0	30.7
135.0	036.0000	0277.0	060.4	307.0	002.5472	0087.0	108.1	30.7
136.0	036.0000	0277.0	060.4	306.4	002.5537	0087.0	108.3	30.7
137.0	036.0000	0277.0	060.4	305.9	002.5602	0087.0	108.5	30.6
138.0	036.0000	0276.9	060.4	305.3	002.5666	0087.0	108.7	30.6
139.0	036.0000	0276.7	060.4	304.8	002.5730	0087.0	109.0	30.6
140.0	036.0000	0276.3	060.4	304.3	002.5793	0087.0	109.3	30.5
141.0	036.0000	0276.1	060.4	303.8	002.5855	0087.0	109.6	30.5
142.0	036.0000	0276.2	060.4	303.2	002.5917	0087.0	109.9	30.4
143.0	036.0000	0276.4	060.4	302.7	002.5979	0087.0	110.3	30.4
144.0	036.0000	0276.3	060.4	302.2	002.6039	0087.0	110.7	30.3
145.0	036.0000	0276.0	060.4	301.7	002.6099	0087.0	111.1	30.2
146.0	036.0000	0275.7	060.3	301.2	002.6157	0087.0	111.6	30.2
147.0	036.0000	0275.7	060.3	300.7	002.6215	0087.0	112.0	30.1
148.0	036.0000	0275.9	060.3	300.3	002.6273	0087.0	112.5	30.0
149.0	036.0000	0276.2	060.4	299.8	002.6541	0087.0	113.0	30.0
150.0	036.0000	0276.5	060.4	299.3	002.7040	0087.0	113.5	29.9

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A5

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WXEL BLED-19821209AF
Channel = 214C2
Max ERP = 25 kW
RCAMSL = 112 M
N. Lat = 26 34 37
W. Lng = 80 14 32

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
348.0	008.4174	0087.0	028.6	192.9	025.0000	0112.0	108.2	41.4
349.0	008.7653	0087.0	028.8	192.7	025.0000	0112.0	107.8	41.5
350.0	009.1201	0087.0	029.1	192.5	025.0000	0112.0	107.3	41.6
351.0	009.5716	0087.0	029.4	192.3	025.0000	0112.0	106.9	41.7
352.0	010.0339	0087.0	029.8	192.1	025.0000	0112.0	106.4	41.8
353.0	010.5072	0087.0	030.1	191.9	025.0000	0112.0	105.9	41.9
354.0	010.9914	0087.0	030.4	191.7	025.0000	0112.0	105.4	42.0
355.0	011.4864	0087.0	030.7	191.4	025.0000	0112.0	105.0	42.1
356.0	011.9924	0087.0	031.0	191.2	025.0000	0112.0	104.5	42.2
357.0	012.5093	0087.0	031.3	191.0	025.0000	0112.0	104.1	42.3
358.0	013.0371	0087.0	031.6	190.7	025.0000	0112.0	103.7	42.4
359.0	013.5758	0087.0	032.0	190.4	025.0000	0112.0	103.2	42.5
000.0	014.1254	0087.0	032.3	190.2	025.0000	0112.0	102.8	42.6
001.0	014.8246	0087.0	032.6	189.9	025.0000	0112.0	102.4	42.7
002.0	015.5407	0087.0	033.0	189.6	025.0000	0112.0	101.9	42.8
003.0	016.2737	0087.0	033.4	189.3	025.0000	0112.0	101.5	42.9
004.0	017.0236	0087.0	033.7	189.0	025.0000	0112.0	101.1	43.0
005.0	017.7904	0087.0	034.1	188.7	025.0000	0112.0	100.7	43.1
006.0	018.5740	0087.0	034.4	188.3	025.0000	0112.0	100.3	43.2
007.0	019.3746	0087.0	034.8	188.0	025.0000	0112.0	99.9	43.3
008.0	020.1920	0087.0	035.1	187.7	025.0000	0112.0	99.6	43.3
009.0	021.0264	0087.0	035.4	187.3	025.0000	0112.0	99.3	43.4
010.0	021.8776	0087.0	035.7	186.9	025.0000	0112.0	99.0	43.5
011.0	022.5448	0087.0	036.0	186.6	025.0000	0112.0	98.8	43.5
012.0	023.2219	0087.0	036.2	186.2	025.0000	0112.0	98.6	43.6
013.0	023.9091	0087.0	036.4	185.8	025.0000	0112.0	98.5	43.6
014.0	024.6063	0087.0	036.6	185.4	025.0000	0112.0	98.3	43.6
015.0	025.3136	0087.0	036.9	185.0	025.0000	0112.0	98.2	43.7
016.0	026.0308	0087.0	037.1	184.6	025.0000	0112.0	98.1	43.7
017.0	026.7581	0087.0	037.3	184.2	025.0000	0112.0	98.1	43.7
018.0	027.4954	0087.0	037.5	183.8	025.0000	0112.0	98.0	43.7
019.0	028.2427	0087.0	037.7	183.4	025.0000	0112.0	98.0	43.7
020.0	029.0000	0087.0	038.0	183.0	025.0000	0112.0	97.9	43.7
021.0	029.0000	0087.0	038.0	182.7	025.0000	0112.0	98.1	43.7
022.0	029.0000	0087.0	038.0	182.3	025.0000	0112.0	98.4	43.6
023.0	029.0000	0087.0	038.0	181.9	025.0000	0112.0	98.6	43.6
024.0	029.0000	0087.0	038.0	181.6	025.0000	0112.0	98.8	43.5
025.0	029.0000	0087.0	038.0	181.2	025.0000	0112.0	99.1	43.5
026.0	029.0000	0087.0	038.0	180.9	025.0000	0112.0	99.4	43.4
027.0	029.0000	0087.0	038.0	180.5	025.0000	0112.0	99.7	43.3
028.0	029.0000	0087.0	038.0	180.2	025.0000	0112.0	100.0	43.2

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A6

WXEL BLED-19821209AF
Channel = 214C2
Max ERP = 25 kW
RCAMSL = 112 M
N. Lat = 26 34 37
W. Lng = 80 14 32

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
168.0	025.0000	0111.1	040.8	015.8	025.8798	0087.0	097.3	43.0
169.0	025.0000	0111.4	040.8	015.4	025.6222	0087.0	096.9	43.1
170.0	025.0000	0111.6	040.9	015.1	025.3594	0087.0	096.6	43.1
171.0	025.0000	0111.8	040.9	014.7	025.0927	0087.0	096.3	43.2
172.0	025.0000	0112.0	040.9	014.3	024.8216	0087.0	096.0	43.2
173.0	025.0000	0112.0	040.9	013.9	024.5453	0087.0	095.7	43.2
174.0	025.0000	0112.0	040.9	013.5	024.2668	0087.0	095.4	43.2
175.0	025.0000	0112.0	040.9	013.1	023.9866	0087.0	095.2	43.2
176.0	025.0000	0112.0	040.9	012.7	023.7056	0087.0	095.0	43.2
177.0	025.0000	0112.0	040.9	012.3	023.4232	0087.0	094.8	43.2
178.0	025.0000	0112.0	040.9	011.9	023.1401	0087.0	094.6	43.2
179.0	025.0000	0112.0	040.9	011.5	022.8566	0087.0	094.4	43.2
180.0	025.0000	0112.0	040.9	011.0	022.5725	0087.0	094.3	43.2
181.0	025.0000	0112.0	040.9	010.6	022.2885	0087.0	094.2	43.1
182.0	025.0000	0112.0	040.9	010.2	022.0049	0087.0	094.1	43.1
183.0	025.0000	0112.0	040.9	009.8	021.6752	0087.0	094.0	43.1
184.0	025.0000	0112.0	040.9	009.3	021.3092	0087.0	093.9	43.0
185.0	025.0000	0112.0	040.9	008.9	020.9455	0087.0	093.8	43.0
186.0	025.0000	0112.0	040.9	008.5	020.5836	0087.0	093.8	42.9
187.0	025.0000	0112.0	040.9	008.0	020.2244	0087.0	093.8	42.8
188.0	025.0000	0112.0	040.9	007.6	019.8686	0087.0	093.8	42.7
189.0	025.0000	0112.0	040.9	007.2	019.5155	0087.0	093.8	42.7
190.0	025.0000	0112.0	040.9	006.7	019.1661	0087.0	093.8	42.6
191.0	025.0000	0112.0	040.9	006.3	018.8205	0087.0	093.9	42.5
192.0	025.0000	0112.0	040.9	005.9	018.4790	0087.0	093.9	42.4
193.0	025.0000	0112.0	040.9	005.5	018.1419	0087.0	094.0	42.3
194.0	025.0000	0112.0	040.9	005.0	017.8092	0087.0	094.1	42.2
195.0	025.0000	0112.0	040.9	004.6	017.4813	0087.0	094.2	42.1
196.0	025.0000	0112.0	040.9	004.2	017.1582	0087.0	094.4	42.0
197.0	025.0000	0112.0	040.9	003.8	016.8401	0087.0	094.5	41.8
198.0	025.0000	0112.0	040.9	003.3	016.5278	0087.0	094.7	41.7
199.0	025.0000	0112.0	040.9	002.9	016.2206	0087.0	094.9	41.6
200.0	025.0000	0112.0	040.9	002.5	015.9194	0087.0	095.1	41.5
201.0	025.0000	0112.0	040.9	002.1	015.6237	0087.0	095.3	41.3
202.0	025.0000	0112.0	040.9	001.7	015.3340	0087.0	095.5	41.2
203.0	025.0000	0112.0	040.9	001.3	015.0503	0087.0	095.8	41.0
204.0	025.0000	0112.0	040.9	000.9	014.7729	0087.0	096.1	40.9
205.0	025.0000	0112.0	040.9	000.5	014.5015	0087.0	096.4	40.7
206.0	025.0000	0112.0	040.9	000.2	014.2364	0087.0	096.7	40.6
207.0	025.0000	0112.0	040.9	359.8	014.0066	0087.0	097.0	40.4
208.0	025.0000	0112.0	040.9	359.4	013.8032	0087.0	097.3	40.3

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A7

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WXEL.C BMPED-20020219ABB
Channel = 214C1
Max ERP = 44 kW
RCAMSL = 325 M
N. Lat = 26 34 37
W. Lng = 80 14 32

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
348.0	008.4174	0087.0	028.6	192.9	004.5056	0325.0	108.2	40.4
349.0	008.7653	0087.0	028.8	192.7	004.5056	0325.0	107.8	40.5
350.0	009.1201	0087.0	029.1	192.5	004.5056	0325.0	107.3	40.7
351.0	009.5716	0087.0	029.4	192.3	004.5056	0325.0	106.9	40.8
352.0	010.0339	0087.0	029.8	192.1	004.5056	0325.0	106.4	41.0
353.0	010.5072	0087.0	030.1	191.9	004.5056	0325.0	105.9	41.1
354.0	010.9914	0087.0	030.4	191.7	004.5056	0325.0	105.4	41.2
355.0	011.4864	0087.0	030.7	191.4	004.5056	0325.0	105.0	41.4
356.0	011.9924	0087.0	031.0	191.2	004.5056	0325.0	104.5	41.5
357.0	012.5093	0087.0	031.3	191.0	004.5056	0325.0	104.1	41.6
358.0	013.0371	0087.0	031.6	190.7	004.5056	0325.0	103.7	41.8
359.0	013.5758	0087.0	032.0	190.4	004.5056	0325.0	103.2	41.9
000.0	014.1254	0087.0	032.3	190.2	004.5056	0325.0	102.8	42.0
001.0	014.8246	0087.0	032.6	189.9	004.4992	0325.0	102.4	42.2
002.0	015.5407	0087.0	033.0	189.6	004.4830	0325.0	101.9	42.3
003.0	016.2737	0087.0	033.4	189.3	004.4663	0325.0	101.5	42.4
004.0	017.0236	0087.0	033.7	189.0	004.4489	0325.0	101.1	42.5
005.0	017.7904	0087.0	034.1	188.7	004.4310	0325.0	100.7	42.6
006.0	018.5740	0087.0	034.4	188.3	004.4126	0325.0	100.3	42.7
007.0	019.3746	0087.0	034.8	188.0	004.3937	0325.0	099.9	42.8
008.0	020.1920	0087.0	035.1	187.7	004.3743	0325.0	099.6	42.9
009.0	021.0264	0087.0	035.4	187.3	004.3545	0325.0	099.3	43.0
010.0	021.8776	0087.0	035.7	186.9	004.3343	0325.0	099.0	43.0
011.0	022.5448	0087.0	036.0	186.6	004.3139	0325.0	098.8	43.1
012.0	023.2219	0087.0	036.2	186.2	004.2933	0325.0	098.6	43.1
013.0	023.9091	0087.0	036.4	185.8	004.2724	0325.0	098.5	43.1
014.0	024.6063	0087.0	036.6	185.4	004.2513	0325.0	098.3	43.2
015.0	025.3136	0087.0	036.9	185.0	004.2300	0325.0	098.2	43.2
016.0	026.0308	0087.0	037.1	184.6	004.2085	0325.0	098.1	43.2
017.0	026.7581	0087.0	037.3	184.2	004.1869	0325.0	098.1	43.2
018.0	027.4954	0087.0	037.5	183.8	004.1652	0325.0	098.0	43.2
019.0	028.2427	0087.0	037.7	183.4	004.1435	0325.0	098.0	43.2
020.0	029.0000	0087.0	038.0	183.0	004.1217	0325.0	097.9	43.2
021.0	029.0000	0087.0	038.0	182.7	004.1018	0325.0	098.1	43.1
022.0	029.0000	0087.0	038.0	182.3	004.0823	0325.0	098.4	43.0
023.0	029.0000	0087.0	038.0	181.9	004.0630	0325.0	098.6	42.9
024.0	029.0000	0087.0	038.0	181.6	004.0439	0325.0	098.8	42.8
025.0	029.0000	0087.0	038.0	181.2	004.0252	0325.0	099.1	42.7
026.0	029.0000	0087.0	038.0	180.9	004.0067	0325.0	099.4	42.6
027.0	029.0000	0087.0	038.0	180.5	003.9885	0325.0	099.7	42.5
028.0	029.0000	0087.0	038.0	180.2	003.9706	0325.0	100.0	42.4

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A8

WXEL.C BMPED-20020219ABB
Channel = 214C1
Max ERP = 44 kW
RCAMSL = 325 M
N. Lat = 26 34 37
W. Lng = 80 14 32

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
168.0	003.4496	0324.1	042.2	016.2	026.1686	0087.0	096.0	43.4
169.0	003.4496	0324.4	042.3	015.8	025.8924	0087.0	095.7	43.4
170.0	003.4496	0324.6	042.3	015.4	025.6125	0087.0	095.3	43.5
171.0	003.4991	0324.8	042.4	015.1	025.3495	0087.0	094.9	43.5
172.0	003.5489	0325.0	042.5	014.7	025.0809	0087.0	094.5	43.6
173.0	003.5990	0325.0	042.6	014.3	024.8064	0087.0	094.1	43.6
174.0	003.6495	0325.0	042.8	013.9	024.5272	0087.0	093.7	43.7
175.0	003.7004	0325.0	042.9	013.5	024.2442	0087.0	093.4	43.7
176.0	003.7516	0325.0	043.0	013.1	023.9568	0087.0	093.0	43.7
177.0	003.8032	0325.0	043.1	012.6	023.6661	0087.0	092.7	43.8
178.0	003.8551	0325.0	043.2	012.2	023.3723	0087.0	092.4	43.8
179.0	003.9074	0325.0	043.3	011.8	023.0750	0087.0	092.1	43.8
180.0	003.9600	0325.0	043.4	011.3	022.7751	0087.0	091.9	43.8
181.0	004.0130	0325.0	043.5	010.9	022.4728	0087.0	091.6	43.8
182.0	004.0663	0325.0	043.7	010.4	022.1683	0087.0	091.4	43.8
183.0	004.1200	0325.0	043.8	010.0	021.8575	0087.0	091.2	43.8
184.0	004.1740	0325.0	043.9	009.5	021.4585	0087.0	091.0	43.8
185.0	004.2284	0325.0	044.0	009.0	021.0588	0087.0	090.8	43.7
186.0	004.2831	0325.0	044.1	008.6	020.6590	0087.0	090.6	43.7
187.0	004.3382	0325.0	044.2	008.1	020.2595	0087.0	090.5	43.7
188.0	004.3937	0325.0	044.3	007.6	019.8607	0087.0	090.4	43.6
189.0	004.4495	0325.0	044.4	007.1	019.4631	0087.0	090.3	43.5
190.0	004.5056	0325.0	044.5	006.6	019.0672	0087.0	090.2	43.5
191.0	004.5056	0325.0	044.5	006.1	018.6775	0087.0	090.3	43.4
192.0	004.5056	0325.0	044.5	005.6	018.2932	0087.0	090.4	43.3
193.0	004.5056	0325.0	044.5	005.2	017.9144	0087.0	090.5	43.1
194.0	004.5056	0325.0	044.5	004.7	017.5414	0087.0	090.6	43.0
195.0	004.5056	0325.0	044.5	004.2	017.1743	0087.0	090.7	42.9
196.0	004.5056	0325.0	044.5	003.7	016.8132	0087.0	090.9	42.8
197.0	004.5056	0325.0	044.5	003.2	016.4589	0087.0	091.0	42.6
198.0	004.5056	0325.0	044.5	002.8	016.1109	0087.0	091.2	42.5
199.0	004.5056	0325.0	044.5	002.3	015.7700	0087.0	091.4	42.3
200.0	004.5056	0325.0	044.5	001.9	015.4362	0087.0	091.7	42.2
201.0	004.5338	0325.0	044.6	001.4	015.1016	0087.0	091.9	42.0
202.0	004.5621	0325.0	044.6	000.9	014.7734	0087.0	092.1	41.9
203.0	004.5905	0325.0	044.7	000.5	014.4516	0087.0	092.3	41.7
204.0	004.6189	0325.0	044.7	000.0	014.1370	0087.0	092.6	41.6
205.0	004.6475	0325.0	044.8	359.6	013.8870	0087.0	092.9	41.4
206.0	004.6761	0325.0	044.8	359.1	013.6445	0087.0	093.2	41.3
207.0	004.7049	0325.0	044.9	358.7	013.4070	0087.0	093.5	41.1
208.0	004.7337	0325.0	044.9	358.3	013.1751	0087.0	093.8	40.9

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A9

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WVUM BLED-19931021KA
Channel = 213A
Max ERP = 1.3 kW
RCAMSL = 55 M
N. Lat = 25 43 02
W. Lng = 80 16 48

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
001.0	014.8246	0087.0	032.6	248.0	001.3000	0055.0	015.0	59.5
002.0	015.5407	0087.0	033.0	248.5	001.3000	0055.0	014.3	60.3
003.0	016.2737	0087.0	033.4	248.9	001.3000	0055.0	013.6	61.1
004.0	017.0236	0087.0	033.7	249.2	001.3000	0055.0	012.9	62.1
005.0	017.7904	0087.0	034.1	249.5	001.3000	0055.0	012.2	63.1
006.0	018.5740	0087.0	034.4	249.7	001.3000	0055.0	011.6	64.1
007.0	019.3746	0087.0	034.8	249.9	001.3000	0055.0	010.9	65.3
008.0	020.1920	0087.0	035.1	249.9	001.3000	0055.0	010.2	66.4
009.0	021.0264	0087.0	035.4	249.8	001.3000	0055.0	009.5	67.6
010.0	021.8776	0087.0	035.7	249.6	001.3000	0055.0	008.8	68.9
011.0	022.5448	0087.0	036.0	248.8	001.3000	0055.0	008.1	70.1
012.0	023.2219	0087.0	036.2	247.7	001.3000	0055.0	007.5	71.5
013.0	023.9091	0087.0	036.4	246.3	001.3000	0055.0	006.8	73.0
014.0	024.6063	0087.0	036.6	244.4	001.3000	0055.0	006.2	74.8
015.0	025.3136	0087.0	036.9	241.9	001.3000	0055.0	005.5	76.8
016.0	026.0308	0087.0	037.1	238.6	001.3000	0055.0	004.9	78.9
017.0	026.7581	0087.0	037.3	234.2	001.3000	0055.0	004.4	81.0
018.0	027.4954	0087.0	037.5	228.2	001.3000	0055.0	003.8	83.4
019.0	028.2427	0087.0	037.7	220.2	001.3000	0055.0	003.3	85.7
020.0	029.0000	0087.0	038.0	209.6	001.3000	0055.0	002.9	87.8
021.0	029.0000	0087.0	038.0	196.7	001.3000	0055.0	002.9	88.0
022.0	029.0000	0087.0	038.0	184.2	001.3000	0055.0	003.0	87.2
023.0	029.0000	0087.0	038.0	173.3	001.3000	0055.0	003.3	85.8
024.0	029.0000	0087.0	038.0	164.4	001.3000	0055.0	003.7	83.9
025.0	029.0000	0087.0	038.0	157.5	001.3000	0055.0	004.1	81.9
026.0	029.0000	0087.0	038.0	152.0	001.3000	0055.0	004.7	79.9
027.0	029.0000	0087.0	038.0	147.8	001.3000	0055.0	005.2	77.9
028.0	029.0000	0087.0	038.0	144.5	001.3000	0055.0	005.8	76.0
029.0	029.0000	0087.0	038.0	141.9	001.3000	0055.0	006.4	74.2
030.0	029.0000	0087.0	038.0	139.9	001.3000	0055.0	007.0	72.5
031.0	029.0000	0087.0	038.0	138.3	001.3000	0055.0	007.6	71.1
032.0	029.0000	0087.0	038.0	136.9	001.3000	0055.0	008.3	69.8
033.0	029.0000	0087.0	038.0	135.9	001.3000	0055.0	008.9	68.7
034.0	029.0000	0087.0	038.0	135.1	001.3000	0055.0	009.6	67.5
035.0	029.0000	0087.0	038.0	134.4	001.3000	0055.0	010.2	66.3
036.0	029.0000	0087.0	038.0	133.9	001.3000	0055.0	010.9	65.2
037.0	029.0000	0087.0	038.0	133.4	001.3000	0055.0	011.5	64.2
038.0	029.0000	0087.0	038.0	133.1	001.3000	0055.0	012.2	63.1
039.0	029.0000	0087.0	038.0	132.9	001.3000	0055.0	012.9	62.2
040.0	029.0000	0087.0	038.0	132.7	001.3000	0055.0	013.5	61.2
041.0	029.0000	0087.0	038.0	132.6	001.3000	0055.0	014.2	60.4

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A10

WVUM BLED-19931021KA
Channel = 213A
Max ERP = 1.3 kW
RCAMSL = 55 M
N. Lat = 25 43 02
W. Lng = 80 16 48

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
181.0	001.3000	0055.0	014.5	030.8	029.0000	0087.0	027.7	67.1
182.0	001.3000	0055.0	014.5	030.3	029.0000	0087.0	027.5	67.2
183.0	001.3000	0055.0	014.5	029.8	029.0000	0087.0	027.4	67.3
184.0	001.3000	0055.0	014.5	029.4	029.0000	0087.0	027.3	67.4
185.0	001.3000	0055.0	014.5	028.9	029.0000	0087.0	027.2	67.4
186.0	001.3000	0055.0	014.5	028.4	029.0000	0087.0	027.1	67.5
187.0	001.3000	0055.0	014.5	027.9	029.0000	0087.0	027.0	67.6
188.0	001.3000	0055.0	014.5	027.4	029.0000	0087.0	026.9	67.6
189.0	001.3000	0055.0	014.5	026.9	029.0000	0087.0	026.8	67.7
190.0	001.3000	0055.0	014.5	026.4	029.0000	0087.0	026.8	67.7
191.0	001.3000	0055.0	014.5	025.9	029.0000	0087.0	026.7	67.8
192.0	001.3000	0055.0	014.5	025.3	029.0000	0087.0	026.6	67.8
193.0	001.3000	0055.0	014.5	024.8	029.0000	0087.0	026.6	67.8
194.0	001.3000	0055.0	014.5	024.3	029.0000	0087.0	026.5	67.9
195.0	001.3000	0055.0	014.5	023.7	029.0000	0087.0	026.5	67.9
196.0	001.3000	0055.0	014.5	023.2	029.0000	0087.0	026.4	67.9
197.0	001.3000	0055.0	014.5	022.7	029.0000	0087.0	026.4	67.9
198.0	001.3000	0055.0	014.5	022.1	029.0000	0087.0	026.4	68.0
199.0	001.3000	0055.0	014.5	021.6	029.0000	0087.0	026.4	68.0
200.0	001.3000	0055.0	014.5	021.0	029.0000	0087.0	026.4	68.0
201.0	001.3000	0055.0	014.5	020.5	029.0000	0087.0	026.4	68.0
202.0	001.3000	0055.0	014.5	019.9	028.9393	0087.0	026.4	68.0
203.0	001.3000	0055.0	014.5	019.4	028.5245	0087.0	026.4	67.9
204.0	001.3000	0055.0	014.5	018.8	028.1146	0087.0	026.4	67.8
205.0	001.3000	0055.0	014.5	018.3	027.7087	0087.0	026.4	67.7
206.0	001.3000	0055.0	014.5	017.7	027.3069	0087.0	026.5	67.7
207.0	001.3000	0055.0	014.5	017.2	026.9107	0087.0	026.5	67.6
208.0	001.3000	0055.0	014.5	016.7	026.5202	0087.0	026.6	67.5
209.0	001.3000	0055.0	014.5	016.1	026.1346	0087.0	026.6	67.4
210.0	001.3000	0055.0	014.5	015.6	025.7551	0087.0	026.7	67.3
211.0	001.3000	0055.0	014.5	015.1	025.3820	0087.0	026.7	67.2
212.0	001.3000	0055.0	014.5	014.6	025.0143	0087.0	026.8	67.1
213.0	001.3000	0055.0	014.5	014.1	024.6543	0087.0	026.9	66.9
214.0	001.3000	0055.0	014.5	013.6	024.3010	0087.0	027.0	66.8
215.0	001.3000	0055.0	014.5	013.1	023.9547	0087.0	027.1	66.7
216.0	001.3000	0055.0	014.5	012.6	023.6163	0087.0	027.2	66.6
217.0	001.3000	0055.0	014.5	012.1	023.2848	0087.0	027.3	66.4
218.0	001.3000	0055.0	014.5	011.6	022.9605	0087.0	027.4	66.3
219.0	001.3000	0055.0	014.5	011.1	022.6442	0087.0	027.5	66.2
220.0	001.3000	0055.0	014.5	010.7	022.3350	0087.0	027.6	66.0
221.0	001.3000	0055.0	014.5	010.2	022.0350	0087.0	027.7	65.9

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A11

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WLRN-FM BPED-20011211AAZ
Channel = 217C1
Max ERP = 47 kW
RCAMSL = 287 M
N. Lat = 25 58 46
W. Lng = 80 11 46

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
359.0	013.5758	0087.0	032.0	213.4	043.8342	0287.0	042.4	72.0
000.0	014.1254	0087.0	032.3	213.0	044.0696	0287.0	041.8	72.3
001.0	014.8246	0087.0	032.6	212.6	044.2942	0287.0	041.2	72.6
002.0	015.5407	0087.0	033.0	212.2	044.5433	0287.0	040.6	72.9
003.0	016.2737	0087.0	033.4	211.8	044.8188	0287.0	040.0	73.2
004.0	017.0236	0087.0	033.7	211.3	045.1201	0287.0	039.4	73.5
005.0	017.7904	0087.0	034.1	210.7	045.4488	0287.0	038.8	73.8
006.0	018.5740	0087.0	034.4	210.1	045.8056	0287.0	038.2	74.1
007.0	019.3746	0087.0	034.8	209.5	045.8979	0287.0	037.7	74.3
008.0	020.1920	0087.0	035.1	208.8	045.9232	0287.0	037.2	74.6
009.0	021.0264	0087.0	035.4	208.1	045.9502	0287.0	036.6	74.8
010.0	021.8776	0087.0	035.7	207.3	045.9790	0287.0	036.2	75.1
011.0	022.5448	0087.0	036.0	206.5	046.0105	0287.0	035.7	75.3
012.0	023.2219	0087.0	036.2	205.6	046.0434	0287.0	035.4	75.5
013.0	023.9091	0087.0	036.4	204.6	046.0712	0287.0	035.0	75.6
014.0	024.6063	0087.0	036.6	203.7	046.0891	0287.0	034.7	75.8
015.0	025.3136	0087.0	036.9	202.7	046.1076	0287.0	034.3	76.0
016.0	026.0308	0087.0	037.1	201.7	046.1267	0287.0	034.0	76.1
017.0	026.7581	0087.0	037.3	200.6	046.1465	0287.0	033.8	76.2
018.0	027.4954	0087.0	037.5	199.5	045.8619	0287.0	033.5	76.3
019.0	028.2427	0087.0	037.7	198.4	045.1782	0287.0	033.3	76.4
020.0	029.0000	0087.0	038.0	197.3	044.4837	0287.0	033.1	76.4
021.0	029.0000	0087.0	038.0	196.1	043.7990	0287.0	033.2	76.3
022.0	029.0000	0087.0	038.0	195.0	043.1226	0287.0	033.2	76.2
023.0	029.0000	0087.0	038.0	193.9	042.4564	0287.0	033.3	76.1
024.0	029.0000	0087.0	038.0	192.7	041.8022	0287.0	033.4	76.0
025.0	029.0000	0087.0	038.0	191.6	041.1595	0287.0	033.6	75.8
026.0	029.0000	0087.0	038.0	190.5	040.5298	0287.0	033.7	75.7
027.0	029.0000	0087.0	038.0	189.5	039.6176	0287.0	033.9	75.5
028.0	029.0000	0087.0	038.0	188.4	038.4269	0287.0	034.1	75.3
029.0	029.0000	0087.0	038.0	187.4	037.2763	0287.0	034.4	75.0
030.0	029.0000	0087.0	038.0	186.4	036.1675	0287.0	034.6	74.8
031.0	029.0000	0087.0	038.0	185.4	035.0994	0287.0	034.9	74.5
032.0	029.0000	0087.0	038.0	184.4	034.0731	0287.0	035.2	74.2
033.0	029.0000	0087.0	038.0	183.5	033.0895	0287.0	035.5	73.9
034.0	029.0000	0087.0	038.0	182.6	032.1456	0287.0	035.8	73.7
035.0	029.0000	0087.0	038.0	181.7	031.2432	0287.0	036.2	73.4
036.0	029.0000	0087.0	038.0	180.8	030.3803	0287.0	036.6	73.1
037.0	029.0000	0087.0	038.0	180.0	029.5582	0287.0	037.0	72.8
038.0	029.0000	0087.0	038.0	179.2	028.5621	0287.0	037.4	72.4
039.0	029.0000	0087.0	038.0	178.4	027.6180	0287.0	037.8	72.1

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A12

WLRN-FM BPED-20011211AAZ
Channel = 217C1
Max ERP = 47 kW
RCAMSL = 287 M
N. Lat = 25 58 46
W. Lng = 80 11 46

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
179.0	028.3169	0287.0	058.9	070.5	029.0000	0087.0	025.4	68.7
180.0	029.5559	0287.0	059.3	070.6	029.0000	0087.0	024.3	69.4
181.0	030.5480	0287.0	059.6	070.5	029.0000	0087.0	023.2	70.2
182.0	031.5566	0287.0	059.9	070.3	029.0000	0087.0	022.1	71.1
183.0	032.5815	0287.0	060.2	070.0	029.0000	0087.0	021.0	71.9
184.0	033.6227	0287.0	060.5	069.6	029.0000	0087.0	019.9	72.8
185.0	034.6804	0287.0	060.8	069.1	029.0000	0087.0	018.8	73.7
186.0	035.7544	0287.0	061.1	068.4	029.0000	0087.0	017.8	74.6
187.0	036.8449	0287.0	061.4	067.6	029.0000	0087.0	016.7	75.5
188.0	037.9517	0287.0	061.7	066.5	029.0000	0087.0	015.6	76.4
189.0	039.0748	0287.0	062.0	065.2	029.0000	0087.0	014.6	77.3
190.0	040.2144	0287.0	062.2	063.6	029.0000	0087.0	013.5	78.6
191.0	040.7903	0287.0	062.4	061.1	029.0000	0087.0	012.6	79.9
192.0	041.3703	0287.0	062.5	058.2	029.0000	0087.0	011.7	81.2
193.0	041.9544	0287.0	062.7	054.7	029.0000	0087.0	010.8	82.6
194.0	042.5426	0287.0	062.8	050.5	029.0000	0087.0	010.0	84.0
195.0	043.1349	0287.0	062.9	045.5	029.0000	0087.0	009.3	85.3
196.0	043.7313	0287.0	063.1	039.6	029.0000	0087.0	008.7	86.5
197.0	044.3318	0287.0	063.2	032.9	029.0000	0087.0	008.1	87.4
198.0	044.9364	0287.0	063.3	025.3	029.0000	0087.0	007.8	88.2
199.0	045.5450	0287.0	063.5	017.2	026.8904	0087.0	007.6	88.3
200.0	046.1578	0287.0	063.6	008.8	020.8540	0087.0	007.6	87.2
201.0	046.1392	0287.0	063.6	000.9	014.7828	0087.0	007.9	85.0
202.0	046.1206	0287.0	063.6	353.8	010.9165	0087.0	008.4	82.8
203.0	046.1019	0287.0	063.6	347.6	008.2964	0087.0	008.9	80.5
204.0	046.0833	0287.0	063.6	342.3	006.5819	0087.0	009.6	78.2
205.0	046.0647	0287.0	063.6	337.9	005.4029	0087.0	010.4	75.9
206.0	046.0275	0287.0	063.6	334.1	004.6047	0087.0	011.3	73.8
207.0	045.9903	0287.0	063.6	331.0	003.9851	0087.0	012.2	71.8
208.0	045.9531	0287.0	063.5	328.4	003.5940	0087.0	013.1	70.0
209.0	045.9159	0287.0	063.5	326.2	003.3256	0087.0	014.1	68.4
210.0	045.8788	0287.0	063.5	324.3	003.1086	0087.0	015.1	67.1
211.0	045.2771	0287.0	063.4	323.2	002.9773	0087.0	016.2	66.0
212.0	044.6794	0287.0	063.3	322.2	002.8721	0087.0	017.3	64.9
213.0	044.0856	0287.0	063.1	321.5	002.7876	0087.0	018.3	63.9
214.0	043.4959	0287.0	063.0	320.8	002.7206	0087.0	019.4	62.9
215.0	042.9101	0287.0	062.9	320.3	002.6671	0087.0	020.5	61.9
216.0	042.3282	0287.0	062.7	320.0	002.6297	0087.0	021.6	61.0
217.0	041.7504	0287.0	062.6	319.7	002.6261	0087.0	022.7	60.2
218.0	041.1765	0287.0	062.5	319.4	002.6234	0087.0	023.8	59.3
219.0	040.6066	0287.0	062.3	319.3	002.6215	0087.0	024.9	58.5

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A13

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

WLRN-FM BLED-19850214KP
Channel = 217C1
Max ERP = 100 kW
RCAMSL = 201 M
N. Lat = 25 58 48
W. Lng = 80 11 47

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
359.0	013.5758	0087.0	032.0	213.3	100.0000	0201.0	042.4	72.3
000.0	014.1254	0087.0	032.3	212.9	100.0000	0201.0	041.8	72.6
001.0	014.8246	0087.0	032.6	212.6	100.0000	0201.0	041.2	72.9
002.0	015.5407	0087.0	033.0	212.1	100.0000	0201.0	040.6	73.1
003.0	016.2737	0087.0	033.4	211.7	100.0000	0201.0	040.0	73.4
004.0	017.0236	0087.0	033.7	211.2	100.0000	0201.0	039.4	73.7
005.0	017.7904	0087.0	034.1	210.6	100.0000	0201.0	038.8	74.0
006.0	018.5740	0087.0	034.4	210.0	100.0000	0201.0	038.3	74.2
007.0	019.3746	0087.0	034.8	209.4	100.0000	0201.0	037.7	74.5
008.0	020.1920	0087.0	035.1	208.7	100.0000	0201.0	037.2	74.8
009.0	021.0264	0087.0	035.4	208.0	100.0000	0201.0	036.7	75.0
010.0	021.8776	0087.0	035.7	207.2	100.0000	0201.0	036.2	75.2
011.0	022.5448	0087.0	036.0	206.4	100.0000	0201.0	035.8	75.5
012.0	023.2219	0087.0	036.2	205.5	100.0000	0201.0	035.4	75.6
013.0	023.9091	0087.0	036.4	204.6	100.0000	0201.0	035.0	75.8
014.0	024.6063	0087.0	036.6	203.6	100.0000	0201.0	034.7	76.0
015.0	025.3136	0087.0	036.9	202.6	100.0000	0201.0	034.4	76.2
016.0	026.0308	0087.0	037.1	201.6	100.0000	0201.0	034.1	76.3
017.0	026.7581	0087.0	037.3	200.5	100.0000	0201.0	033.8	76.5
018.0	027.4954	0087.0	037.5	199.4	100.0000	0201.0	033.6	76.6
019.0	028.2427	0087.0	037.7	198.3	100.0000	0201.0	033.3	76.7
020.0	029.0000	0087.0	038.0	197.2	100.0000	0201.0	033.2	76.8
021.0	029.0000	0087.0	038.0	196.0	100.0000	0201.0	033.2	76.8
022.0	029.0000	0087.0	038.0	194.9	100.0000	0201.0	033.3	76.7
023.0	029.0000	0087.0	038.0	193.8	100.0000	0201.0	033.4	76.7
024.0	029.0000	0087.0	038.0	192.7	100.0000	0201.0	033.5	76.6
025.0	029.0000	0087.0	038.0	191.6	100.0000	0201.0	033.6	76.6
026.0	029.0000	0087.0	038.0	190.5	100.0000	0201.0	033.8	76.5
027.0	029.0000	0087.0	038.0	189.4	100.0000	0201.0	034.0	76.4
028.0	029.0000	0087.0	038.0	188.4	100.0000	0201.0	034.2	76.3
029.0	029.0000	0087.0	038.0	187.3	100.0000	0201.0	034.4	76.1
030.0	029.0000	0087.0	038.0	186.3	100.0000	0201.0	034.7	76.0
031.0	029.0000	0087.0	038.0	185.3	100.0000	0201.0	035.0	75.9
032.0	029.0000	0087.0	038.0	184.4	100.0000	0201.0	035.2	75.7
033.0	029.0000	0087.0	038.0	183.4	100.0000	0201.0	035.6	75.6
034.0	029.0000	0087.0	038.0	182.5	100.0000	0201.0	035.9	75.4
035.0	029.0000	0087.0	038.0	181.6	100.0000	0201.0	036.3	75.2
036.0	029.0000	0087.0	038.0	180.8	100.0000	0201.0	036.6	75.0
037.0	029.0000	0087.0	038.0	180.0	100.0000	0201.0	037.0	74.8
038.0	029.0000	0087.0	038.0	179.2	100.0000	0201.0	037.4	74.6
039.0	029.0000	0087.0	038.0	178.4	100.0000	0201.0	037.9	74.4

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A14

WLRN-FM BLED-19850214KP
Channel = 217C1
Max ERP = 100 kW
RCAMSL = 201 M
N. Lat = 25 58 48
W. Lng = 80 11 47

WGES - Proposed
Channel = 215C2
Max ERP = 29 kW
RCAMSL = 87 M
N. Lat = 252220
W. Lng = 802526

Protected
60 dBu

Interfering
100 dBu

30 Sec. Terrain Data

Azimuth degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
179.0	100.0000	0201.0	063.9	081.7	029.0000	0087.0	024.3	69.4
180.0	100.0000	0201.0	063.9	081.4	029.0000	0087.0	023.1	70.3
181.0	100.0000	0201.0	063.9	080.9	029.0000	0087.0	022.0	71.1
182.0	100.0000	0201.0	063.9	080.4	029.0000	0087.0	021.0	72.0
183.0	100.0000	0201.0	063.9	079.7	029.0000	0087.0	019.9	72.8
184.0	100.0000	0201.0	063.9	078.9	029.0000	0087.0	018.8	73.7
185.0	100.0000	0201.0	063.9	077.9	029.0000	0087.0	017.7	74.6
186.0	100.0000	0201.0	063.9	076.8	029.0000	0087.0	016.7	75.5
187.0	100.0000	0201.0	063.9	075.4	029.0000	0087.0	015.6	76.4
188.0	100.0000	0201.0	063.9	073.7	029.0000	0087.0	014.6	77.2
189.0	100.0000	0201.0	063.9	071.8	029.0000	0087.0	013.6	78.5
190.0	100.0000	0201.0	063.9	069.4	029.0000	0087.0	012.6	79.8
191.0	100.0000	0201.0	063.9	066.6	029.0000	0087.0	011.7	81.2
192.0	100.0000	0201.0	063.9	063.2	029.0000	0087.0	010.8	82.7
193.0	100.0000	0201.0	063.9	059.1	029.0000	0087.0	009.9	84.1
194.0	100.0000	0201.0	063.9	054.2	029.0000	0087.0	009.1	85.5
195.0	100.0000	0201.0	063.9	048.4	029.0000	0087.0	008.5	86.8
196.0	100.0000	0201.0	063.9	041.6	029.0000	0087.0	007.9	87.9
197.0	100.0000	0201.0	063.9	033.9	029.0000	0087.0	007.5	88.8
198.0	100.0000	0201.0	063.9	025.5	029.0000	0087.0	007.3	89.4
199.0	100.0000	0201.0	063.9	016.7	026.5568	0087.0	007.2	89.1
200.0	100.0000	0201.0	063.9	008.1	020.2471	0087.0	007.4	87.6
201.0	100.0000	0201.0	063.9	359.9	014.0969	0087.0	007.7	85.3
202.0	100.0000	0201.0	063.9	352.7	010.3544	0087.0	008.2	83.0
203.0	100.0000	0201.0	063.9	346.4	007.8683	0087.0	008.8	80.6
204.0	100.0000	0201.0	063.9	341.0	006.1870	0087.0	009.5	78.2
205.0	100.0000	0201.0	063.9	336.5	005.1144	0087.0	010.3	76.0
206.0	100.0000	0201.0	063.9	332.8	004.3388	0087.0	011.1	73.8
207.0	100.0000	0201.0	063.9	329.7	003.7605	0087.0	012.1	71.7
208.0	100.0000	0201.0	063.9	327.1	003.4377	0087.0	013.0	69.9
209.0	100.0000	0201.0	063.9	324.9	003.1792	0087.0	014.0	68.3
210.0	100.0000	0201.0	063.9	323.1	002.9711	0087.0	015.0	67.0
211.0	100.0000	0201.0	063.9	321.6	002.8022	0087.0	016.1	65.8
212.0	100.0000	0201.0	063.9	320.3	002.6645	0087.0	017.1	64.7
213.0	100.0000	0201.0	063.9	319.3	002.6214	0087.0	018.2	63.8
214.0	100.0000	0201.0	063.9	318.4	002.6108	0087.0	019.3	62.9
215.0	100.0000	0201.0	063.9	317.6	002.6019	0087.0	020.3	62.0
216.0	100.0000	0201.0	063.9	317.0	002.5946	0087.0	021.4	61.1
217.0	100.0000	0201.0	063.9	316.5	002.5886	0087.0	022.5	60.2
218.0	100.0000	0201.0	063.9	316.1	002.5837	0087.0	023.6	59.4
219.0	100.0000	0201.0	063.9	315.8	002.5798	0087.0	024.7	58.6

MODIFICATION OF BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

EXHIBIT A15

North Latitude = 25 22 20
West Longitude = 80 25 26

HAAT and Distance to Contour - FCC Method - 30 Arc Sec.

Azi.	AV EL	HAAT	ERP kW	dBk	Field	100-F1	60-F5	54-F1	40-F1
000	.0	87.0	14.1254	11.50	.698	3.25	32.26	50.77	99.11
010	.0	87.0	21.8776	13.40	.869	3.65	35.72	55.99	108.25
020	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
030	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
040	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
045	.7	86.3	29.0000	14.62	1.000	3.92	37.82	59.33	114.75
050	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
060	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
070	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
080	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
090	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
100	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
110	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
120	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
130	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
135	.3	86.7	29.0000	14.62	1.000	3.93	37.90	59.41	114.82
140	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
150	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
160	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
170	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
180	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
190	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
200	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
210	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
220	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
225	1.0	86.0	29.0000	14.62	1.000	3.91	37.76	59.26	114.68
230	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
240	.0	87.0	29.0000	14.62	1.000	3.94	37.95	59.47	114.87
250	.0	87.0	21.8776	13.40	.869	3.65	35.72	55.99	108.25
260	.0	87.0	14.1254	11.50	.698	3.25	32.26	50.77	99.11
270	.0	87.0	9.1201	9.60	.561	2.89	29.11	45.53	91.24
280	.0	87.0	5.8884	7.70	.451	2.58	26.38	40.67	84.10
290	.0	87.0	3.8019	5.80	.362	2.30	23.91	36.19	77.12
300	.0	87.0	2.6303	4.20	.301	2.08	21.96	32.66	71.36
310	.0	87.0	2.5119	4.00	.294	2.05	21.72	32.23	70.66
315	1.7	85.3	2.5707	4.10	.298	2.05	21.63	32.06	70.66
320	.0	87.0	2.6303	4.20	.301	2.08	21.96	32.66	71.36
330	.0	87.0	3.8019	5.80	.362	2.30	23.91	36.19	77.12
340	.0	87.0	5.8884	7.70	.451	2.58	26.38	40.67	84.10
350	.0	87.0	9.1201	9.60	.561	2.89	29.11	45.53	91.24

HAAT= 86.54 M (8 Cardinal Radials)
AMSL= 87

TELEVISION CHANNEL 6 CLEARANCE

WGES - Proposed

Latitude: 25-22-20 N
Longitude: 080-25-26 W
ERP: 29.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 87.0 m
Elevation: 0.0 m
HAAT: 87.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: FCC

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

WTVJ

Latitude: 25-32-24 N
Longitude: 080-28-07 W
ERP: 100.00 kW
Channel: 06Z
Frequency: 85.0 MHz
AMSL Height: 552.0 m
Elevation: 0.0 m
HAAT: 549.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

080-40-00 W

080-20-00 W

25-20-00 N

WGES

WTVJ 90 dBu

WGES 92 dBu

EXHIBIT A16
MODIFICATION TO BPED-19950531MG
GENESIS BROADCASTING NETWORK CORP.
WGES FM RADIO STATION
CH 215C2 - 90.9 MHz - 29.0 kW DA - 87 m HAAT
KEY LARGO, FLORIDA
July 2002

Scale 1:500,000

0 7 14 21 km