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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In re Application of
CENTRAL FLORIDA EDUCATIONAL FOUNDATION,
INC.
Union Park, Florida
HISPANIC BROADCAST SYSTEM, INC.
Lake Mary, FL
For Construction Permit, New
Noncommercial, Educational FM Stations

) MM Docket No. 92-33
)
) File No. BPED-881207MA
)
)
) File No. BPED-891128ME
)
)
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FCC - MAIL ROOM

To: The Review Board

PETITION FOR LEAVE TO AMEND, SEVER AND GRANT

Hispanic Broadcast System, Inc. ("HBS"), by its counsel, herewith petitions for leave to amend, sever and grant the above-captioned application. In support whereof the following is stated:

1. The accompanying amendment proposes to modify the HBS engineering to specify a new city of license, transmitter site and other technical modifications. The changes seek to eliminate overlap and the mutual exclusivity between HBS and the other remaining applicant in this proceeding - Central Florida Educational Foundation, Inc. ("Central"). With acceptance of this amendment, both the HBS application and the Central application may be granted. A copy of the amendment is attached hereto.

2. The subject amendment is a major change. A similar amendment was filed by Mims Community Radio, Inc. ("Mims") in this proceeding on July 13, 1992. In Comments filed July 17, 1992, the Mass Media Bureau supported acceptance of the amendment. In Comments filed by the Bureau on July 10, 1992, in

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connection with an earlier-filed amendment, the Bureau noted that the "major change" rule does not bar acceptance of "post-designation" amendments. The above pleadings are incorporated herein by reference. The Presiding Judge ultimately accepted the amendment and granted the Mims application. *Memorandum Opinion and Order*, FCC 92M-852, released August 7, 1992.

3. The amendment meets the normal "good cause" criterion developed by case law which include the following:

1) The applicant acted with due diligence in filing the petition to amend;

2) acceptance of the proposed amendment will not necessitate a change in issues, or the addition of new issues or parties;

3) the proposed amendment is not required as a result of a voluntary act of the applicant;

4) other parties will not be unfairly prejudiced by the acceptance of the amendment; and

5) the applicant will not gain a comparative advantage through acceptance of the proposed amendment.

See Sands Broadcasting Corp., 22 R.R. 106, 110 (H.E. 1961). Accord, Radio Ridgefield, Inc., 47 F.C.C. 2d 402 (Rev. Bd. 1974), Click Broadcasting Co., 25 F.C.C. 2d 511 (Rev. Bd. 1970), Erwin O'Connor Broadcasting Co., 22 F.C.C. 2d 140 (Rev. Bd. 1970), Ultravision Broadcasting Co., 11 F.C.C. 2d 394 (Rev. Bd. 1968).

4. The applicant has acted with due diligence in submitting the amendment as soon as practicable given the circumstances of this case. The applicant has been in communication with Channel 6 (which must be protected from possible interference) for the past six months in an effort to resolve this proceeding. However, none of the proposals submitted were acceptable to Channel 6. In addition, one of the possible alternative frequencies became

unavailable when Mims moved to that frequency. As a result there was a very limited area where HBS could locate a new frequency and meet the rules with respect to Channel 6. After much diligent searching, a frequency was found together with a location that would meet the rules regarding Channel 6. In fact, Central assisted HBS in locating a transmitter site which is greatly appreciated. Following the most difficult task of finding this needle in a haystack, the applicant promptly prepared engineering which is submitted herewith.

5. The remaining criteria for good cause are met in the fact that this amendment will resolve the comparative proceeding and put an end to the litigation. While the amendment is voluntary, acceptance thereof will allow for the ultimate grant of two noncommercial stations as opposed to one. Since no change is required in the engineering advanced by Central Florida, no prejudice will result to the other applicant to the proceeding. Therefore, good cause exists for acceptance of the subject amendment under the criteria delineated in *Erwin O'Connor, supra*.

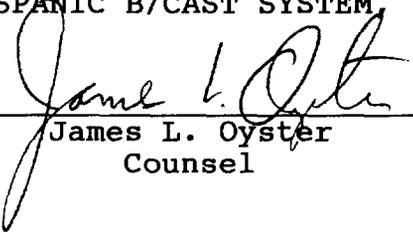
WHEREFORE THE PREMISES CONSIDERED, it is respectfully requested that Review Board grant the instant petition for leave to amend, sever and grant the application of Hispanic Broadcast System, Inc.

Respectfully submitted,

Law Offices
JAMES L. OYSTER
Rt. 1, Box 203A
Castleton, VA 22716
(703) 937-4800

HISPANIC B/CAST SYSTEM, INC.

By


James L. Oyster
Counsel

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AMENDMENT

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The application of Hispanic Broadcast System, Inc. (File No. BPED-891128ME) for construction permit for a new noncommercial educational FM broadcast station at Lake Mary, Florida, is hereby amended to include the attached material.

Respectfully submitted,

HISPANIC BROADCAST SYSTEM,
INC.

Date: November 24, 1992


Idalia Arzuaga, President

Before the
Federal Communications Commission

Washington, D.C. 20554

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FCC ORIGINAL FILE COPY
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One (1) original with two (2) copies
to be filed with the FCC

original signatures
site maps (where applicable)

NOTE: Applicant must assure that all required non-technical portions of the application form are attached to this copy (Technical Amendments Only require a letter of transmittal signed by a principal)

prepared by:

BROMO
BROADCAST
TECHNICAL CONSULTANTS
COMMUNICATIONS Inc.

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Hispanic Broadcast System, Inc.

Call letters (if issued)

New

Is this application being filed in response to a window? Yes No

If Yes, specify closing date:

AUDIO SERVICES

Purpose of Application: (check appropriate boxes)

Amend BPED-891128ME

Construct a new (main) facility

Construct a new auxiliary facility

Modify existing construction permit for main facility

Modify existing construction permit for auxiliary facility

Modify licensed main facility

Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorization(s) affected.

Antenna supporting-structure height

Effective radiated power

Antenna height above average terrain

Frequency

Antenna location

Class

Main Studio location

Other (Summarize briefly)

Add directional antenna.
Change community of license.

File Number(s) Amend BPED-891128ME

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1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
206	Kissimmee	Osceola	FL

Class (check only one box below)

A B1 B C3
 C2 C1 C D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.
3955 McLelland Road, St. Cloud, Osceola County, Florida

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	28	°	10	'	30	"	Longitude	81	°	16	'	58	"
----------	----	---	----	---	----	---	-----------	----	---	----	---	----	---

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Yes No

If Yes, give call letter(s) or file number(s) or both.

N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

4. Does the application propose to correct previous site coordinates? Yes No

If Yes, list old coordinates.

Latitude ° ' "	Longitude ° ' "
-------------------------------	--------------------------------

5. Has the FAA been notified of the proposed construction? Yes No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No. 1

Date November 19, 1992 Office where filed Southern Region - Atlanta, GA

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Distance (km)	Bearing (degrees True)
(a) <u>St. Cloud (Pvt)</u>	<u>6.6</u>	<u>4° true</u>
(b) _____	_____	_____

7. (a) Elevation: *(to the nearest meter)*

- (1) of site above mean sea level; 21 meters
- (2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 158 meters
- (3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 179 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical (vertical only)

- (1) above ground N/A meters (H)
- 155 meters (V)
- (2) above mean sea level [(aX1) + (bX1)] N/A meters (H)
- 177 meters (V)
- ++ Variation due to metric rounding.
See Exhibit #2 for details.
- (3) above average terrain N/A meters (H)
- 163 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.

9. Effective Radiated Power: (vertical polarization only)

(a) ERP in the horizontal plane 0.0 kw (HM) 1.1 kw (VM)

(b) Is beam tilt proposed? Yes No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No. N/A

_____ kw (HM) _____ kw (VM)

*Polarization

10. Is a directional antenna proposed?

Yes No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.
3

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

Yes No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.
N/A

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

Yes No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)*

Exhibit No.
4

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
5

14. Attach as an Exhibit *(note the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
6

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 1027.6 sq. km.

Population 96,184 1990 Census

(PL 94-171 files)

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.
N/A

Enter the following from Exhibit above:

Gain Area _____ sq. mi.

Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) _____ %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Exhibit No.
N/A

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (Sectional Aeronautical Chart or equivalent) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: _____)

18. Terrain and coverage data (to be calculated in accordance with 47 C.F.R. Section 73.313).

Source of terrain data: (check only one box below)

Linearly interpolated 30-second database 7.5 minute topographic map

(Source: _____ NGDC _____)

Other (briefly summarize)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	163.6	17.0
45	163.4	10.8
90	161.1	11.7
135	160.1	13.8
180	164.1	19.5
225	163.5	23.8
270	163.4	24.0
315	162.7	24.0

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.
N/A

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.
N/A

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.
7

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ (*separation requirements involving intermediate frequency (i.f.) interference*).

Exhibit No.
8

23.(a) Is the proposed operation on Channel 218, 219, or 220?

Yes No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

Yes No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.
N/A

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
N/A

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
N/A

- (1) Protected and interfering contours, in all directions (360), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibit(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

Yes No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.
9

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

Yes No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.
N/A

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes No

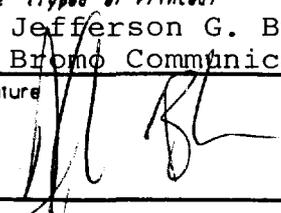
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
N/A

If No, explain briefly why not. This application is categorically excluded from environmental processing under the provisions of Section 1.1306 of the Commission's Rules. See Exhibit #10 for Radiofrequency Radiation Compliance.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) Jefferson G. Brock Bromo Communications, Inc.	Relationship to Applicant (e.g., Consulting Engineer) Technical Consultant
Signature 	Address (Include ZIP Code) 1331 Ocean Boulevard, Suite 201 P.O. Box M St. Simons Island, GA 31522
Date November 19, 1992	Telephone No. (Include Area Code) (912) 638-5608

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

Technical Exhibit

TE-1

Bromo Communications, Inc.
P.O. Box M - 1331 Ocean Boulevard, Suite 201
St. Simons Island, Georgia 31522
(912) 638-5608

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

TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf of Hispanic Broadcast System, Inc. ("HBSI"), an applicant for a new noncommercial FM station at Lake Mary, Florida, file BPED-891128ME. HBSI is proposing to amend its pending application to specify a different community of license, channel, class, effective radiated power and antenna location, as outlined below. This amendment is to allow HBSI to sever itself from the conflicting proposals in MM Docket #92-33.

HBSI is proposing to utilize an existing tower for its proposed station at Kissimmee, Florida. However, to provide adequate spacing for its antenna system, HBSI is making changes to the height of the existing tower. The Federal Aviation Administration has been notified of this proposal (see Exhibit #1).

Attached hereto as Exhibit #7 are all of the noncommercial stations which the proposed facility may potentially impact. The exhibit demonstrates that this

instant amendment does not cause any prohibited overlap of contour with the facilities listed in the exhibit. A directional antenna system is being proposed to protect several of the potentially impacted stations (see Exhibit #3).

Further, the transmitter site for WCPX (TV), Channel 6, Orlando, Florida, is within the distance specified in §73.525 of the Commission's rules and, therefore, is considered as an "Effected Channel 6 Station". See Exhibit #9 for §73.525 compliance.

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

US Department of Transportation
Federal Aviation Administration

Aeronautical Study Number

1. Nature of Proposal			2. Complete Description of Structure		
A. Type <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates Beginning <u>FCC Approval</u> End <u>12 months</u>	A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure		

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code)

(407) 839-4786
area code Telephone Number

TO Orlando Tower Service
5175 Starline Drive
St. Cloud, FL 34771

B. Name, address and telephone number of proponent's representative if different than 3 above.

Bromo Communications, Inc. 912-638-5608
1331 Ocean Boulevard, Suite 201
P.O. Box M
St. Simons Island, GA 31522

4. Location of Structure			5. Height and Elevation (Complete to the nearest foot)		
A. Coordinates ** (To nearest second) 28° 10' 30" Latitude 81° 16' 58" Longitude	B. Nearest City, Town and State <u>St. Cloud</u> (1) Distance to 4B 4.5 statute Miles (2) Direction to 4B 0° true	C. Name of nearest airport, heliport, light park, or seaplane base <u>St. Cloud (Pvt)</u> (1) Distance from structure to nearest point of nearest runway 4.1 statute miles (2) Direction from structure to airport 4° true	A. Elevation of site above mean sea level 70	B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated 518	C. Overall height above mean sea level (A + B) 588

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (if more space is required, continue on a separate sheet of paper and attach to this notice.)

3955 McLelland Road, St. Cloud, Osceola County, Florida. See attached portion of a 7.5 minute topographic map for site details.

** 1927 datum (1983 converted datum N. Latitude 28° 10' 31.05" W. Longitude 81° 16' 57.24")

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

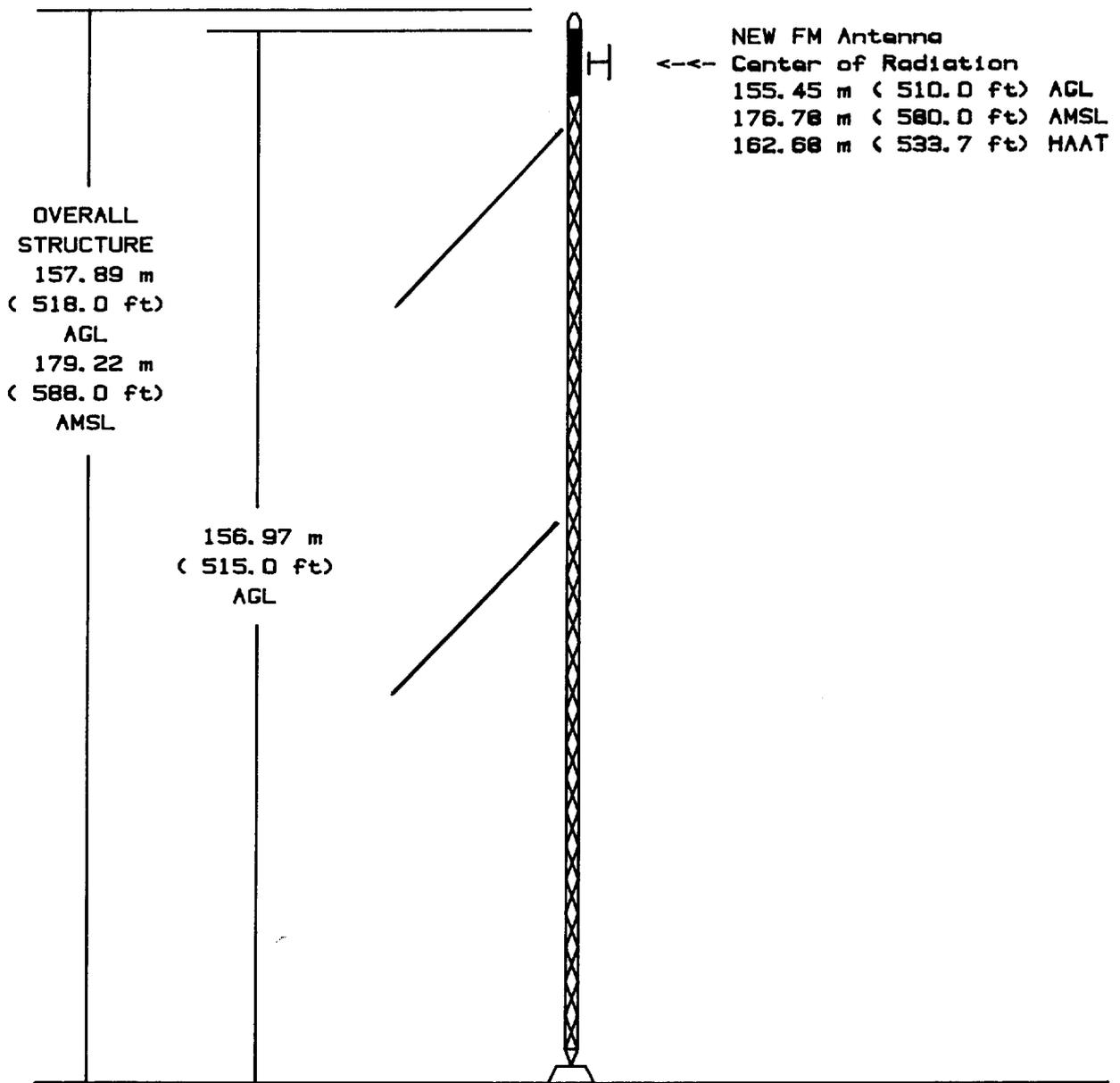
I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date 11-19-92	Typed Name/Title of Person Filing Notice Jefferson G. Brock, Consultant	Signature
------------------	--	---------------

FOR FAA USE ONLY FAA will either return this form or issue a separate acknowledgement.

<p>The Proposal:</p> <p><input type="checkbox"/> Does not require a notice to FAA.</p> <p><input type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation.</p> <p><input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation.</p> <p><input type="checkbox"/> Should be obstruction <input type="checkbox"/> MARKED, <input type="checkbox"/> lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____</p> <p><input type="checkbox"/> Obstruction marking and lighting are not necessary.</p> <p>Remarks:</p>	<p>Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or</p> <p><input type="checkbox"/> At least 48 hours before the start of construction.</p> <p><input type="checkbox"/> Within five days after the construction reaches its greatest height.</p> <p>This determination expires on - (a) extended, revised or terminated (b) the construction is subject to an application for a construct such case the determination structure, or on the date the F</p> <p>NOTE: Request for extension of the issuing office at least 15 days</p> <p>If the structure is subject to the license that Agency.</p>	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>EXHIBIT #1</p> <p>AMEND BPED-891128ME HISPANIC BCGT SYS, INC NEW NONCOMMERCIAL FM CH 206A - 1.1 KW (DA) KISSIMMEE, FLORIDA November 1992</p> </div>
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Issued In	Signature	Date
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North Latitude 28-10-30 Site Elev 21.34 m (70.0 ft) AMSL
 West Longitude 81-16-58 Terrain Avg 14.10 m (46.3 ft) AMSL
 (Sketch not drawn to scale)

VERTICAL PLAN SKETCH

SITE ELEVATION	-	21 m (70 ft) AMSL
TOP OF STRUCTURE	-	158 m (518 ft) AGL 179 m (588 ft) AMSL
FM Antenna CDR	-	155 m (510 ft) AGL 177 m (580 ft) AMSL 163 m (534 ft) HAAT

FIGURES ROUNDED TO NEAREST METER (FOOT).

EXHIBIT #2

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

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

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

EXHIBIT #3

Directional Antenna System (§73.316 Compliance)

This instant amendment, for a new station at Kissimmee, Florida, is proposing to use a directional FM antenna system to achieve the required amount of protection to other noncommercial FM facilities as detailed in Exhibit #7.

The proposed antenna is manufactured by Electronics Research, Inc. ("ERI"), located in Newburgh, Indiana. The antenna is a vertically polarized one bay radiator (to minimize impact to a Channel 6 television station), Model #P300-1B-DA. The antenna is to be pole-mounted on the proposed tower structure in accordance with the antenna manufacturer's specifications. ERI has provided Hispanic Broadcast System, Inc. ("HBSI"), with an envelope pattern of the proposed system, which was developed from an actual measured pattern. This envelope pattern was used in the preparation of all of the proposed new FM station contours. The actual measured pattern, as submitted with FCC Form 302, application for station license, will come as close as possible to the envelope pattern attached hereto without exceeding the limits of the pattern on any azimuth.

Exhibit #3A is a relative field horizontal plane envelope pattern of the proposed system with the zero degree bearing oriented true north, in accordance with §73.316(c)(2). Exhibit #3B is the tabulated relative field pattern, horizontal plane, of the envelope antenna pattern. Maxima and minima are noted on the tabulation. A representation of the typical vertical plane pattern of the proposed antenna system is included herein as Exhibit #3C. Attached as Exhibit #3D is a report of the antenna measurement procedures used by ERI to develop this proposed pattern.

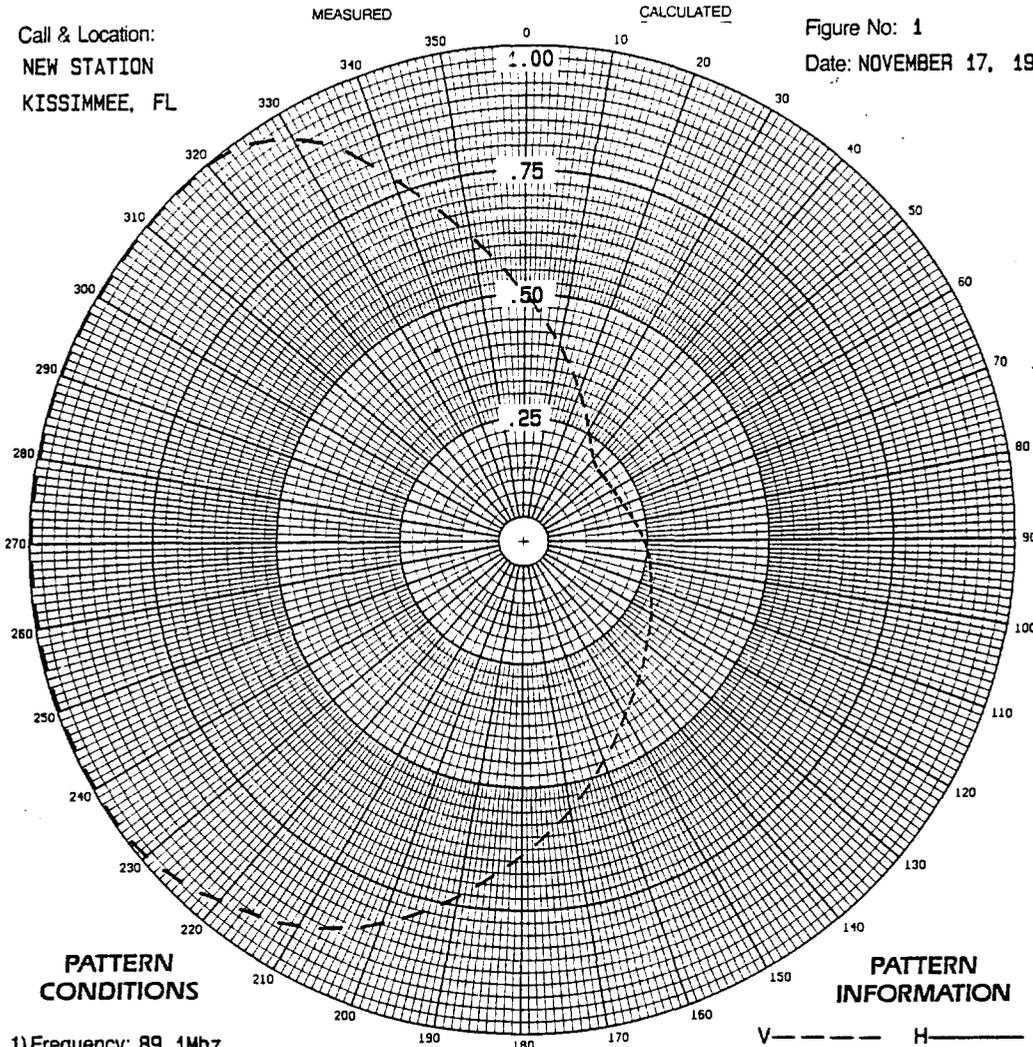
There will be no other antennas or tower attachments, including top-mounted platforms, installed near the directional antenna system. Any other antennas mounted on the tower structure will be placed far enough away from the directional radiator so as to not affect the directional pattern. This distance that other antennas must be away from the FM radiator will be specified by the antenna manufacturer.

When HBSI files FCC Form 302, it will include a statement from a licensed surveyor that the antenna has been mounted in the proper orientation. Further, a statement from an engineer will also be included to verify the antenna is installed pursuant to the manufacturer's instructions.

HORIZONTAL PLANE RELATIVE FIELD PATTERN

Call & Location:
NEW STATION
KISSIMMEE, FL

Figure No: 1
Date: NOVEMBER 17, 1992



PATTERN CONDITIONS

- 1) Frequency: 89.1Mhz
- 2) Antenna Type: P300-1B-DA
- 3) Antenna Orientation: North 270 Deg. East
- 4) Antenna Mounting: STANDARD
- 5) Tower Type: steel pole
- 6) Comments: CALCULATED DATA- maximum achievable value of the verical componet.

PATTERN INFORMATION

VERTICAL	HORIZONTAL
Rms: .69048	Rms:
Maximum: 1 N235°E	Maximum:
Minimum: .20124 N45°E	Minimum:

ERI Electronics Research Inc.

108 Market St. • Newburgh, In. 47630 • Phone (812) 853-3318 • FAX (812) 853-5706
Form No. 547-P

HORIZONTAL PLANE PATTERN

THIS HORIZONTAL PLANE RELATIVE FIELD PATTERN IS AN ENVELOPE PATTERN DERIVED FROM AN ACTUAL MEASURED ANTENNA SYSTEM.

EXHIBIT #3A
AMEND BPED-891128ME
HISPANIC BCGT SYS, INC
NEW NONCOMMERCIAL FM
CH 206A - 1.1 KW (DA)
KISSIMMEE, FLORIDA
November 1992

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

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

EXHIBIT #3B

Horizontal Plane Relative Field Envelope Pattern
Tabulated Data

DEGREES	RELATIVE FIELD	DEGREES	RELATIVE FIELD
0	.492	180	.636
10	.392	190	.730
20	.313	200	.823
30	.249	210	.901
40	.208	220	.950
+ 45	.201	230	.993
50	.201	* 235	1.000
60	.202	240	1.000
70	.210	250	1.000
80	.223	260	1.000
90	.240	270	1.000
100	.256	280	1.000
110	.271	290	1.000
120	.294	300	1.000
130	.321	310	1.000
140	.360	320	1.000
150	.406	330	.937
160	.473	340	.775
170	.555	350	.617

+ Minima Relative Field

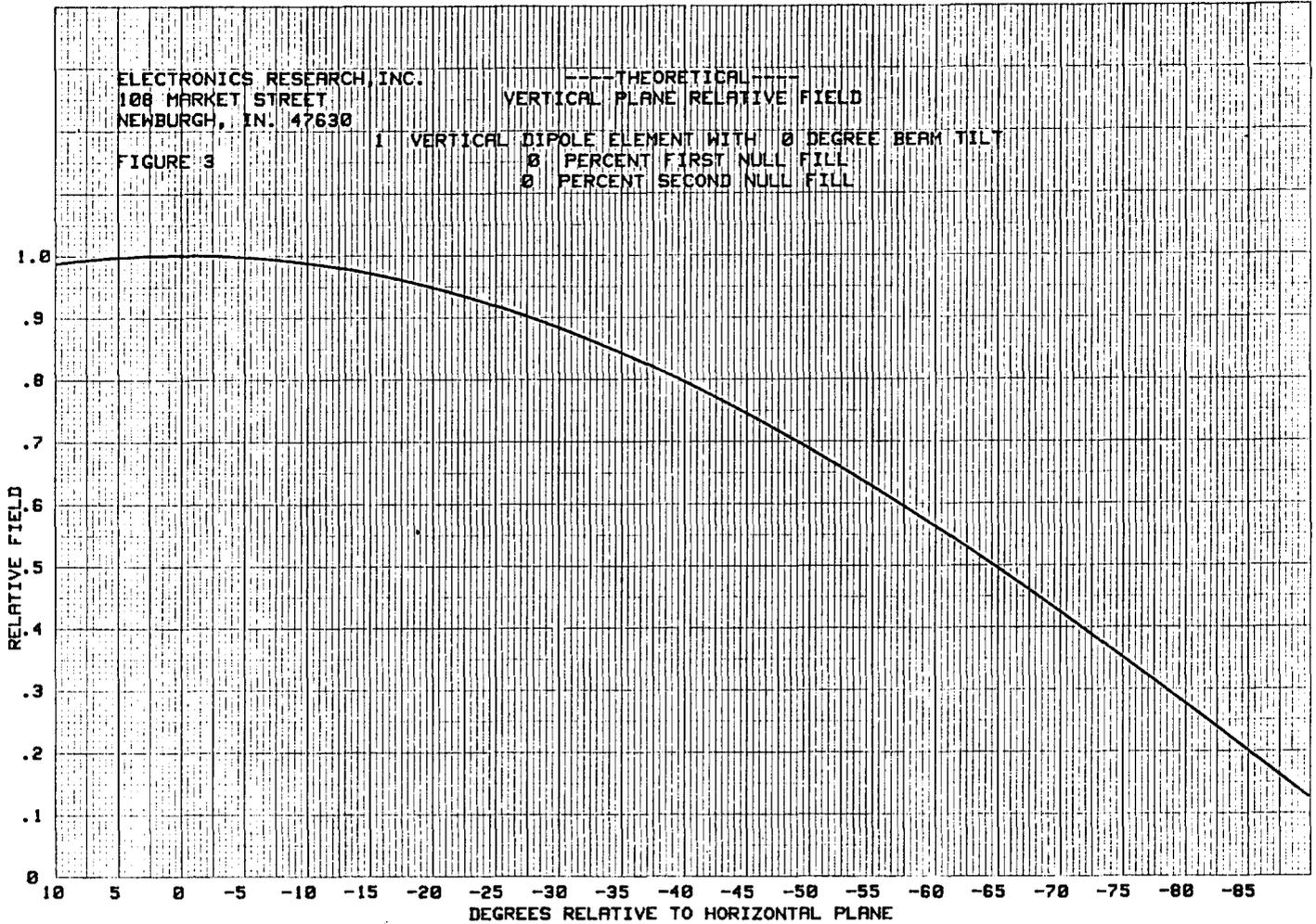
* Maxima Relative Field

ELECTRONICS RESEARCH, INC.
 108 MARKET STREET
 NEWBURGH, IN. 47630

-----THEORETICAL-----
 VERTICAL PLANE RELATIVE FIELD

FIGURE 3

1 VERTICAL DIPOLE ELEMENT WITH 0 DEGREE BEAM TILT
 0 PERCENT FIRST NULL FILL
 0 PERCENT SECOND NULL FILL



VERTICAL PLANE PATTERN

THIS IS THE TYPICAL VERTICAL PLANE
 PATTERN OF AN ERI P300 ANTENNA SYSTEM.

EXHIBIT #3C

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

November 1992

BROMO
 COMMUNICATIONS

BROADCAST
 TECHNICAL CONSULTANTS

St Simons Island, Georgia

Washington, D.C.

NOVEMBER 17, 1992

VERTICALLY POLARIZED DIRECTIONAL ANTENNA SYSTEM
PROPOSED FOR THE NEW STATION
LOCATED IN KISSIMMEE, FL

Electronics Research Inc. proposes to provide a custom fabricated directional antenna system that is specially designed to meet the F.C.C. requirements and the general needs of the new station.

The antenna is the E.R.I. P300-1B-DA configuration. The proposed vertically polarized system consists of one bay using one driven vertical dipole and 3 vertical parasitic elements. The antenna will be tested on a steel pole, which is the structure recommended to support the proposed array. All tests will be performed on a frequency of 89.1 megahertz which is the center of the FM broadcast channel assigned to the new station.

Pattern measurements will be made on a fifty-acre antenna pattern range which is owned and operated by Electronics Research, Inc. The tests will be performed under the direction of Thomas B. Silliman, president of Electronics Research, Inc. Mr. Silliman has both the Bachelor of Electrical Engineering and the Master of Electrical Engineering degrees from Cornell University, and is also a registered professional engineer in the states of Indiana, Maryland and Minnesota.

DESCRIPTION OF THE TEST PROCEDURE

The test antenna will consist of the complete vertically polarized system with the associated vertical parasitic elements. The elements and brackets that will be used in this test are electrically equivalent to those that will be supplied with the proposed antenna. Sections of 3 1/8 inch o.d. rigid coaxial line will be used to feed the test antenna, and sections of 3 1/8 inch o.d. rigid outer conductor only will be attached above the test antenna. The lines will be properly grounded during all tests.

The proof-of-performance will be accomplished using a supporting structure of identical dimensions and configuration as the proposed steel pole, including all braces, ladders, conduits, coaxial lines and other appurtenances that are included in the actual aperture at which the proposed antenna will be installed. In order to fabricate an accurate model of the support structure E.R.I. will need accurate prints of it. These prints need to

EXHIBIT #3D
AMEND BPED-891128ME
HISPANIC BCGT SYS, INC
NEW NONCOMMERCIAL FM
CH 206A - 1.1 KW (DA)
KISSIMMEE, FLORIDA
November 1992

NOVEMBER 17, 1992

VERTICALLY POLARIZED DIRECTIONAL ANTENNA SYSTEM
PROPOSED FOR THE NEW STATION
LOCATED IN KISSIMMEE, FL

(Continued)

include the orientation of the support structure relative to true north, size and method of attachment of the legs and support braces in the antenna aperture. The location of guy attachments in the aperture must also be displayed. It is preferred and in most cases imperative, that guy wires occurring in the aperture of the proposed antenna be made of an insulating material. The location and method of attachment of all conduits, ladders, feed lines, lighting devices and other appurtenances which are located in the aperture of the proposed antenna must also be included in the prints.

The steel pole will be erected vertically on a turntable mounted on a non-metallic building with the antenna centered vertically on the structure, making the center of radiation of the test approximately 25 feet above ground. The turntable is equipped with a motor drive and azimuth indicating mechanism, resolution of this azimuth measuring system is one-tenth of a degree.

The antenna under test will be operated in the transmitting mode and fed from a Wavetek Model 3000 signal generator. The frequency of the signal source will be set at 89.1Mhz and will be constantly monitored by an Anritsu Model ML521B measuring receiver.

A broad-band vertical dipole system, located approximately 628 feet from the test antenna, and mounted at the same height above terrain as the center of the antenna under test, will be used to receive the emitted test signals. The signals received by the dipole system will be fed to test building by way of a buried Heliac cable to an Anritsu Model ML521B measuring receiver. This data will be interfaced to a Hewlett-Packard Model 9872C plotter by means of a Hewlett-Packard Model 86 computer system. Relative field strength will be plotted as a function of azimuth.

The measurements will be performed by rotating the test antenna in a counter-clockwise direction and plotting the received signal on polar co-ordinated graph paper in a clockwise direction.

CONCLUSIONS

EXHIBIT #3D
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HISPANIC BCGT SYS, INC
NEW NONCOMMERCIAL FM
CH 206A - 1.1 KW (DA)
KISSIMMEE, FLORIDA
November 1992

NOVEMBER 17, 1992

VERTICALLY POLARIZED DIRECTIONAL ANTENNA SYSTEM
PROPOSED FOR THE NEW STATION
LOCATED IN KISSIMMEE, FL

(Continued)

The proposed vertically polarized system consists of one bay using one driven vertical dipole and 3 vertical parasitic elements. The power distribution and phase relationship will be fixed when the antenna is manufactured. Proper maintenance of the elements should be all that is required to maintain the pattern in adjustment.

The pattern shown on figure # 1 is based on measured data with a similar array orientated on a similar structure at a bearing of north 270 degrees east. Actual antenna orientation will be determined when the antenna is tested. Blue prints provided with the antenna will show the proper antenna orientation alignment. The antenna alignment procedure should be directed by a licensed surveyor as prescribed by the FCC.

Deicers are not supplied and are not available. The use of radomes is recommended if icing conditions will exist at the proposed site.

Figure #1 represents the maximum achievable value for the vertical component at any azimuth. The attached horizontal plane relative field pattern shown on Figure #1 represents the maximum achievable radiation at any azimuth. The actual pattern when measured will not exceed that of Figure #1 at any azimuth. The vertically polarized relative field pattern obtained from the measured data will have an R.M.S. that is equal to, or no less than 85% of the R.M.S. of the pattern shown on Figure #1. A calculated vertical plane relative field pattern is shown on Figure #3 attached. The power in the maximum will reach 1.1 kilowatts (.41393 DBK).

The vertically polarized component as shown on figure # 1 does not exceed a rate of change of 2 DB per any per any ten degree change in azimuth as measured in the horizontal plane.

The approximate weight of the antenna minus the mounting structure is 95 lbs. The approximate windload of the antenna minus the mounting structure is 170 lbs based on 50/33 PSF(112 MPH wind) with no ice build up. The clear vertical length of the structure required to support the antenna is 15 feet if the antenna is to be top mounted.

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