

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

VFA

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
FL	BPED -891128ME N/M	NEW 88.3MHZ	HISPANIC BROADCAST SYSTEM, INC. LAKE MARY FL	CP FOR NEW FM EDUCATIONAL ON: FREQUENCY: 88.3 MHZ., ERP: 1.9 KW, HAAT: 306 METERS H&V, 28 34 51 81 04 32

LICENSE EXPIRATION DATE _____

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT() CONSTRUCTION DATES, START _____ END _____
CONTESTED () UNCONTESTED ()

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

RECEIVED

NOV 28 1989

ORIGINAL

Federal Communications Commission
Office of the Secretary
(703) 337-4800

Nov 29 3 10 PM '89

AIR SERVICES

THEY OVERCAME BY THE WORD
OF THEIR TESTIMONY.

LAW OFFICES
JAMES L. OYSTER
RT. 1, BOX 203A
CASTLETON, VIRGINIA 22716

November 28, 1989

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Re: Application for new Non-Commercial Station, Lake Mary, FL

Dear Ms. Searcy:

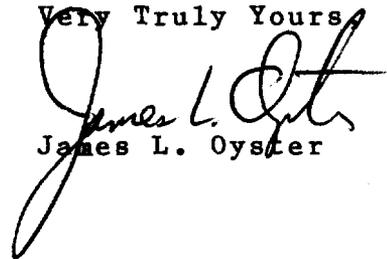
Transmitted herewith in triplicate on behalf of Hispanic Broadcast System, Inc. is an application (FCC Form 301) for a new non-commercial educational FM station on Channel 202C2 at Lake Mary, Florida.

This application is mutually exclusive with applications at Union Park and Conway, Florida.

No filing fee is required in connection with this application.

Should any additional information be desired regarding this matter, please communicate with this office.

Very Truly Yours



James L. Oyster

RECEIVED

NOV 29 1989

FM EXAMINERS

88.3MHZ
BPED -891128ME NEW
LAKE MARY FL
HISPANIC BROADCAST SYSTEM, INC.

Code 30-12-14-89

Federal Communications Commission
Washington, D. C. 20554

FCC 340

Approved by OMB
3060-0034

Expires 4/30/92

See Page 23 for information
regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION
(Carefully read instructions before filing form) Return only form to FCC

RECEIVED

For Commission Use Only
File No. **BPED-891128ME**
Nov 29 3 20 PM '89

Section I - GENERAL INFORMATION NOV 28 1989

1. Name of Applicant Federal Communications Commission Office of the Secretary Hispanic Broadcast System, Inc.			Send notices and communications to the following person at the address below:		
Street Address or P.O. Box Box 980			Name Hispanic Broadcast System, Inc.		
City Quebradillas	State P.R.	ZIP Code 00742	Street Address or P.O. Box Box 980		
Telephone No. (Include Area Code) (809) 895-3156			City Quebradillas	State P.R.	ZIP Code 00742
			Telephone No. (Include Area Code) (809) 895-4198		

2. This application is for: AM FM TV

(a) Channel No. or Frequency 202C2 88.3

(b) Principal Community	City	State
	Lake Mary	FL.

(c) Check one of the following boxes:

- Application for NEW station
- MAJOR change in licensed facilities; call sign: _____
- MINOR change in licensed facilities; call sign: _____
- MAJOR modification of construction permit; call sign: _____
File No. of construction permit: _____
- MINOR modification of construction permit; call sign: _____
File No. of construction permit: _____
- AMENDMENT to pending application; application file number: _____

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application? Yes No

If Yes, state:	Call letters	Community of License	
		City DNA	State

Entered
12-19-89
DCH

Section II - LEGAL QUALIFICATIONS

Name of Applicant

Hispanic Broadcasting Systems, Inc.

1. Applicant is: *(Check one box below)*

- (a) governmental or public educational agency, board or institution
- (b) private nonprofit educational institution
- (c) Other *(specify)*

2. For applicants 1(c) only, describe in an Exhibit the nature and educational purposes of the applicant.

Exhibit No.
1

3. For applicants 1(c) applying for a new noncommercial educational television station only, describe in an Exhibit how the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural and civic segments of the principal community to be served.

Exhibit No.
DNA

4. Describe in an Exhibit how the proposed station will be used, in accordance with 47 C.F.R. Section 73.503 or Section 73.621, for the advancement of an educational program.

Exhibit No.
2

5. Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended?

Yes No

If Yes, provide particulars in an Exhibit.

Exhibit No.
DNA

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

6. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction B to Section II.)

Yes No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

Yes No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.
DNA

7. (a) Has an adverse finding been made or an adverse final action taken by any court or administrative body as to the applicant or any party to this application in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

Yes No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

Yes No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.
DNA

PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

INSTRUCTIONS: If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es) (a)	Office Held (b)	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M) (d)
		YES	NO	
		(c)		
Idalia Arzuaga Calle 2 C-8 Urb. El Retiro Quebradillas, PR 00742	President and Treasurer	X		M
Sonia Mayer Cond. Beach Tower Apt. 802 Isla Verde, PR 00913	Vice-President	X		M
Ruben Reyes Urb. Valle Verde Marginal C-5 Ponce, PR 00731	Secretary	X		M

Section 11 - LEGAL QUALIFICATIONS (Page 3)

9. Does the applicant or any party to this application have, or have they had, any interest in:

- (a) a broadcast station, or pending broadcast station application before the Commission? Yes No
- (b) a broadcast application which has been dismissed with prejudice by the Commission? Yes No
- (c) a broadcast application which has been denied by the Commission? Yes No
- (d) a broadcast station, the license of which has been revoked? Yes No
- (e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant? Yes No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.
3

- (1) Name of party having interest;
- (2) Nature of interest or connection, giving dates;
- (3) Call letters of stations or file number of application or docket; and
- (4) Location.

SECTION III - FINANCIAL QUALIFICATIONS

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? Yes No
2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? Yes No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds. Yes No

SECTION IV - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No.
4

NOTE: No program service statement need be filed where the proposed station's programming would be wholly "instructional" as that type of programming is defined in the instructions to this Section.

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

Yes No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII - CERTIFICATION

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580?

Yes No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

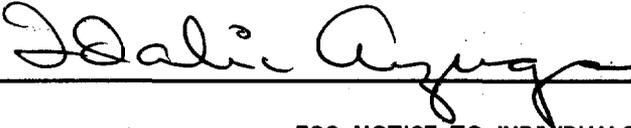
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.**

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Hispanic Broadcast System, Inc.	Title President
Signature 	Date November 22, 1989

**FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT**

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

E X H I B I T 1

Applicant proposes to direct programming mainly to the minority hispanic population. This would be the first and only Spanish Educational Station.

E X H I B I T 2

Applicant is a non Profit Educational organization. The program material will be designed to improve ability to comprehend and communicate in english. This would include a need for increasing english language comprehension and usage within these groups. It is proposed to present cultural material and religious information. Access to Lake Mary community school would be made available.

E X H I B I T 3

IDALIA ARZUAGA BROADCAST INTERESTS

<u>DATE</u>	<u>FILE NUMBER</u>	<u>LOCATION</u>	<u>INTEREST</u>
1986	BP-860310AH	OVIEDO, FL.	PENDING APPLICATION
1982	BP-821108AC	NEWARK, NEW JERSEY	DISMISSED WITH PREJUDICE

E X H I B I T 4

PROGRAM FOR ISSUES OF PUBLIC CONCERN

Applicant proposes an Educational programming with news, public affairs, music and sports program. Programs will be presented to focus on issues of public concern in the Lake Mary. Applicant's public affairs programs will be directed toward the discussion of public issues which have a direct impact on the local population. The selection of subjects for discussion will be based primarily on their significance to the local community. The selection of participants will be based on their knowledge, fundamental area of experience and their interest in the subjects and issues which applicant proposes to incorporate in its public affairs programming.

The assignee will take care to observe the Fairness Doctrine and all of its programs involving controversial issues of public importance in its service area...

Before the
Federal Communications Commission
Washington, D.C. 20554

FCC ORIGINAL FILE COPY

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
COMMUNICATIONS BROADCAST
TECHNICAL CONSULTANTS
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

Call letters (if issued)

NEW FM

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

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

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

- | | |
|---|--|
| <input type="checkbox"/> Antenna supporting-structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
202	Lake Mary	Seminole	FL

Class (check only one box below)

- | | | | |
|--|-----------------------------|----------------------------|-----------------------------|
| <input type="checkbox"/> A | <input type="checkbox"/> B1 | <input type="checkbox"/> B | <input type="checkbox"/> C3 |
| <input checked="" type="checkbox"/> C2 | <input type="checkbox"/> C1 | <input type="checkbox"/> C | <input type="checkbox"/> 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.

4 km Northeast of Bithlo, Orange 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°	34'	51"	Longitude	81°	04'	32"
----------	-----	-----	-----	-----------	-----	-----	-----

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.

WSTF, WSSP, WHTQ, WRBW (TV)

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

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

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? Existing Structure 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. N/A

Date _____ Office where filed _____

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

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>NONE</u>	_____	_____
(b)	_____	_____	_____

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

(1) of site above mean sea level; 20 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 490 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 510 meters

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

(1) above ground 296 meters (H)

296 meters (V)

(2) above mean sea level [(aX1) + (bX1)] ++ 315 meters (H)

++ See Exhibit #1 for Elevation Details ++ 315 meters (V)

(3) above average terrain 306 meters (H)

306 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. 1

9. Effective Radiated Power:

(a) ERP in the horizontal plane 1.9 kw (H*) 1.9 kw (V*)

(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 (H*) _____ kw (V*)

*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.
N/A

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.
2

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.
3

14. Attach as an Exhibit (name 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.
4

- (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 4,019.5 sq. km. Population 543,647

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 73.3131).

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	311.5	37.0
45	313.7	37.1
90	313.7	37.1
135	305.4	36.7
180	298.5	36.3
225	301.5	36.5
270	300.7	36.4
315	303.5	36.6

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.
5

- (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.
6

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 exhibits(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.
7

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

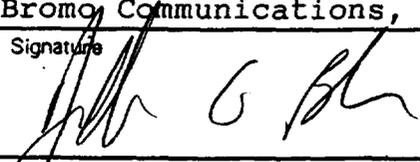
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
N/A

If No, explain briefly why not. This application is categorically excluded from environmental processing under the provisions of §1.1306 of the Commission's rules. See Exhibit #8 for radiofrequency radiation statement.

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) 1200 18th Street, NW - Suite #206 Washington, DC 20036
Date October 24, 1989	Telephone No. (Include Area Code) (202) 429-0600

NEW EDUCATIONAL FM
HISPANIC BROADCAST SYSTEM
CH. 202C2 - 88.3 MHz - 1.9 KW
LAKE MARY, FLORIDA
October, 1989

Technical Exhibit
TE-1

Bromo Communications, Inc.
1200 Eighteenth Street, NW - Suite #206
Washington, DC 20036
(202) 429-0600

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NEW EDUCATIONAL FM STATION
HISPANIC BROADCAST SYSTEM
CH 202C2 - 88.3 MHZ - 1.9 KW
LAKE MARY, FLORIDA

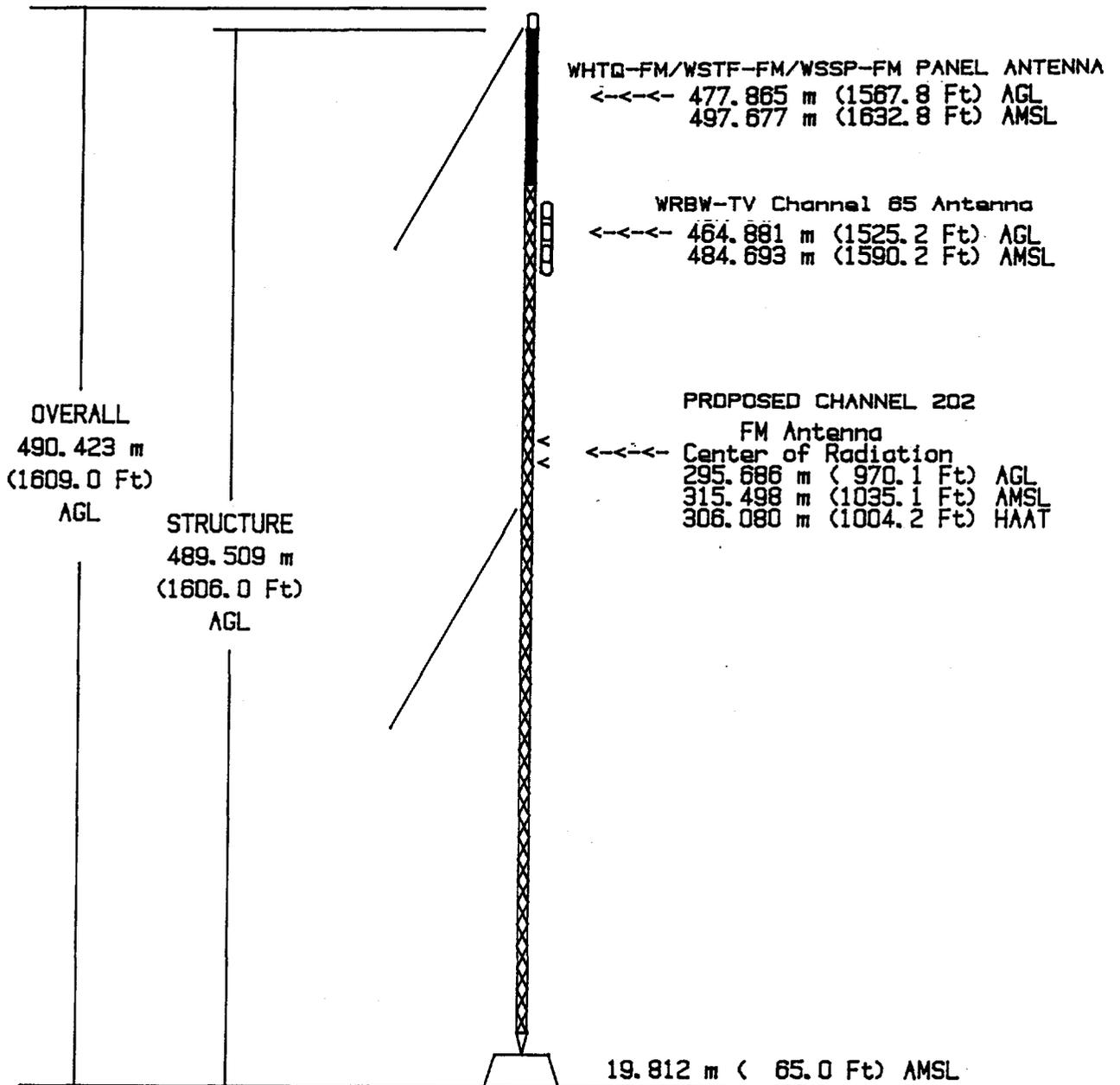
OCTOBER 1989

TECHNICAL STATEMENT

This application is mutually exclusive with the applications on file for the use of Channel 202C2 at Union Park, Florida as proposed by Central Florida Educational Foundation Inc., File #881207MA, and the use of Channel 202C2 at Conway, Florida, as proposed by Bible Broadcasting Network, in File #890412MJ. Neither of the afore mentioned applications have been cut off as of the date of this application.

This proposal also will impact the use of Channel 205D at Winter Park, Florida, BLED-12761. The distance to Winter Park facility is 23.7 kilometers (14.73 miles) which is 7.97 kilometers short to this proposal.

The new FM educational station seeks to locate its antenna on an existing structure used by three commercial FM stations: WHTQ Orlando, WSTF Cocoa Beach, and WSSP Cocoa Beach, all Florida. As well as, a construction permit for WRBW-TV, Channel 65, Orlando, Florida, File #BPCT-880711KE. See Exhibit #3 for details regarding co-location with these facilities.



LATITUDE 28-34-51 LONGITUDE 81-04-32 9.42 m (30.9 Ft) TERR AVG

VERTICAL PLAN SKETCH

SITE ELEVATION - 20 m AMSL
 TOP OF STRUCTURE - 490 m AGL
 510 m AMSL
 FM Antenna COR - 296 m AGL
 315 m AMSL
 306 m HAAT

NOTE: NOT DRAWN TO SCALE

EXHIBIT #1
 NEW EDUCATIONAL FM STATION
 HISPANIC BROADCAST SYSTEM
 CH 202C2 - 88.3 MHZ - 1.9 KW
 LAKE MARY, FLORIDA

OCTOBER 1969

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

NEW EDUCATIONAL FM STATION
HISPANIC BROADCAST SYSTEM
CH. 202C2 - 88.3 MHZ - 1.9 KW
LAKE MARY, FLORIDA
October, 1989

EXHIBIT #2

Facilities Within Statement

The proposed Channel 202 antenna will be side mounted on an existing antenna supporting structure. This structure is presently being used by three commercial FM stations: WHTQ, Channel 243C, Orlando; WSTF, Channel 266C, Cocoa Beach and; WSSP, Channel 281C, Cocoa Beach, all Florida.

The site is also to be used by WRBW, Channel 65, Orlando, Florida. Presently, WRBW has a construction permit, File #BPCT-880711KE, to install its antenna on this structure. In addition, there are several land mobile stations located on the tower.

In addition to the above mentioned stations, there are other FM and TV stations within 10 kilometers of this proposal. Exhibit #2A details the stations.

It is the experience of Bromo Communications, Inc. that none of the existing facilities, including the presently authorized construction permit, nor any listed in Exhibit #2A, will experience any adverse conditions, as a result of

a granting of this proposal. Also, that no receiver induced intermodulation interference will be produced, effecting any of the FM facilities. Should in the unlikely event any is produced or experienced, Hispanic Broadcast System will use good engineering practice to remedy the situation to the Commissions satisfaction.

There are no known established commercial or government receiving stations, cable head-end facilities or populated areas within the blanketing contour of the proposed facility. See Exhibit #2B for a further blanketing statement.

FM STATIONS

CHANNEL	KM	MI	BEARING	LAT / LONG	STATUS CL	PWR	CALL	ST	CITY
202	0.00 (	0.00)	0.0	28:34:50/ 81: 4:31	AP C2	1.9	AP202	FL	Conway
202	2.96 (	1.84)	323.3	28:36: 7/ 81: 5:37	AP C2	1.9	AP202	FL	Union Park
214	2.96 (	1.84)	323.3	28:36: 7/ 81: 5:37	LI C1	100	WMFE	FL	Orlando
222	2.96 (	1.84)	323.3	28:36: 7/ 81: 5:37	LI C	100	WKKA	FL	Orlando
243	0.00 (	0.00)	0.0	28:34:50/ 81: 4:31	LI C	100	WHTQ	FL	Orlando
262	2.96 (	1.84)	323.3	28:36: 7/ 81: 5:37	LI C	100	WDIZ	FL	Orlando
266	0.00 (	0.00)	0.0	28:34:50/ 81: 4:31	LI C	100	WSTF	FL	Cocoa Beach
281	0.00 (	0.00)	0.0	28:34:50/ 81: 4:31	LI C	100	WSSP	FL	Cocoa Beach
286	2.87 (	1.78)	337.2	28:36:16/ 81: 5:13	LI C	100	WBJW	FL	Orlando

TELEVISION STATIONS WITHIN 10 KM

Ch	KM	MI	BEARING	LAT/LONG	CALL	ST	CITY
18	0.791	(0.49)	285.8	28:34:58/81:05:00	WRES	FL	Cocoa
9	2.96	(1.84)	323.3	28:36:08/81:05:37	WFTV	FL	Orlando
24	2.96	(1.84)	323.3	28:36:08/81:05:37	WMFE	FL	Orlando
35	2.87	(1.78)	337.2	28:36:17/81:05:13	WOFL	FL	Orlando

STATIONS WITHIN TEN KM

EXHIBIT #2A
 NEW EDUCATIONAL FM STATION
 HISPANIC BROADCAST SYSTEM
 CH 202C2 - 88.3 MHZ - 1.9 KW
 LAKE MARY, FLORIDA

OCTOBER 1989

BROMO BROADCAST
 COMMUNICATIONS TECHNICAL CONSULTANTS
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