

FEDERAL COMMUNICATIONS COMMISSION
 CLASS OF STATION FM

RITA1

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

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
HI	BPH -911003MH N/M	NEW 99.1MHZ	KES COMMUNICATIONS, INC. WAIMEA HI	CP FOR NEW FM ON FREQ: 99.1 MHZ; ERP: 41 KW (H&V); HAAT: 865 METERS (H&V); 19 43 16 155 55 26

LICENSE EXPIRATION DATE _____
PN: 10-30-91

Sherita V. White
 CHIEF, LICENSE DIVISION

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

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

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

LAW OFFICES
SMITHWICK & BELENDIUK, P.C.

ORIGINAL

TELECOPIER
(202) 785-2804

2033 M STREET, N.W.
SUITE 207
WASHINGTON, D.C. 20036

TELEPHONE
(202) 785-2800

October 3, 1991

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

Re: KES Communications, Inc.
Application for Construction Permit
Channel 256C
Waimea, Hawaii

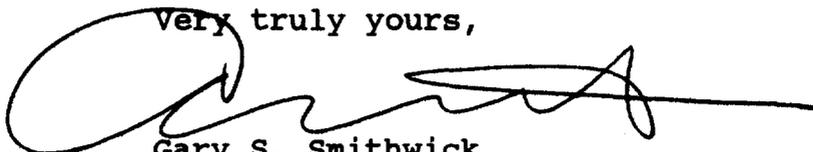
Dear Ms. Searcy:

Transmitted herewith, on behalf of KES Communications, Inc., are an original and two copies of FCC Form 301, Application for Construction Permit for a Broadcast Station on Channel 256C, Waimea, Hawaii.

Also enclosed is a check in the amount of \$2,030.00 in payment of the filing fee (Fee Code: MTR).

If there are any questions with respect to this matter, please communicate with the undersigned.

Very truly yours,



Gary S. Smithwick
Counsel for
KES COMMUNICATIONS, INC.

Enc.
GSS/lmv.D1002

cc: Waimea Public File
KES Communications, Inc.

Approved by OMB
3060-0440
Expires 2/28/93

FEDERAL COMMUNICATIONS COMMISSION
FEE PROCESSING FORM

FOR
FCC
USE
ONLY

FCC/MELLON OCT 03 1991

10-04-91 B195879 004

Please read instructions on back of this form before completing it. Section I **MUST** be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all payments. Only one Fee Processing Form may be submitted per application or filing. Please type or print legibly. All required blocks must be completed or application/filing will be returned without action.

SECTION I

APPLICANT NAME (Last, first, middle initial)

KES Communications, Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters - refer to Instruction (2) on reverse of form)

c/o Smithwick & Belendiuk, P.C.

MAILING ADDRESS (Line 2) (if required) (Maximum 35 characters)

2033 M Street, N.W., Suite 207

CITY

Washington

STATE OR COUNTRY (if foreign address)

DC

ZIP CODE

20036

CALL SIGN OR OTHER FCC IDENTIFIER (if applicable)

W1mea, HI, Channel 256C

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

(A)

(B)

(C)

FEE TYPE CODE

FEE MULTIPLE
(if required)

FEE DUE FOR FEE TYPE
CODE IN COLUMN (A)

FOR FCC USE ONLY

(1)

M T R

\$2,030.00

EE/MILLER OCT 03 1991

See Page 25 for information regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

For COMMISSION Fee Use Only	FEE NO:	For APPLICANT Fee Use Only Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If fee exempt (see 47 C.F.R. Section 1.1112), indicate reason therefor (check one box): <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	FEE TYPE:	
	FEE AMT:	
	ID SEQ:	
		FOR COMMISSION USE ONLY FILE NO. BPH-911003MH

Section 1 - GENERAL INFORMATION

1. Name of Applicant
KES COMMUNICATIONS, INC.

Street Address or P.O. Box
1148 South Citrus Avenue

City Los Angeles	State CA	ZIP Code 90019
----------------------------	--------------------	--------------------------

Telephone No. (Include Area Code)
(213) 935-9596 or 934-8371

311 1030-91

Send notices and communications to the following person at the address below:

Name
**Gary S. Smithwick
Smithwick & Belendiuk, P.C.**

Street Address or P.O. Box
2033 M Street, N.W., Suite 207

City Washington	State DC	ZIP Code 20036
---------------------------	--------------------	--------------------------

Telephone No. (Include Area Code)
(202) 785-2800

2 This application is for: AM FM TV

(a) Channel No. or Frequency
256C

(b) Principal Community	City	State
	WAIMEA	HI

(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

Section II - LEGAL QUALIFICATIONS

Name of Applicant

KES COMMUNICATIONS, INC.

1. Applicant is (check one box below)

- Individual General partnership For-profit corporation
 Other Limited partnership Not-for-profit corporation

2. If the applicant is an unincorporated association or a legal entity other than an individual, partnership, or corporation, describe in an Exhibit the nature of the application.

Exhibit No.
N/A

NOTE: The terms "applicant," "parties to this application," and "non-party equity owners in the applicant" are defined in the instructions for Section II of this form. Complete information as to each "party to this application" and each "non-party equity owner in the applicant" is required. 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.

3. If the applicant is not an individual, provide the date and place of filing of the applicant's enabling charter (eg, a limited partnership must identify its certificate of limited partnership and a corporation must identify its articles of incorporation by date and place of filing):

Section 11 - LEGAL QUALIFICATIONS (Page 2)

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

(Read carefully - The numbered items below refer to line numbers in the following table.)

- | | |
|---|---|
| <p>1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.</p> <p>2. Citizenship.</p> <p>3. Office or directorship held.</p> <p>4. Number of shares or nature of partnership interests.</p> <p>5. Number of votes.</p> | <p>6. Percentage of votes.</p> <p>7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.</p> <p>8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 76.501, including the nature and size of such interests and the positions held.</p> |
|---|---|

1.	KES Communications, Inc. 1148 South Citrus Ave. Los Angeles, CA 90019	Karen Slade 1148 South Citrus Ave. Los Angeles, CA 90019	
2.	California corporation	U.S.A.	
3.	N/A	President/Secretary Treasurer/Director	
4.	N/A	500	
5.	N/A	500	
6.	N/A	100%	
7.	None	None	
8.	None	None	

Section 11 - LEGAL QUALIFICATIONS (Page 3)

7. Does the applicant, any party to the application or any non-party equity owner in the applicant 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.
1

- (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.

- 8. (a) Are any of the parties to the application or non-party equity owners in the applicant related (as husband, wife, father, mother, brother, sister, son or daughter) to each other? Yes No
- (b) Does any member of the immediate family (i.e. husband, wife, father, mother, brother, sister, son or daughter) of any party to the application or non-party equity owner in the applicant have any interest in or connection with any other broadcast station, pending broadcast application or newspaper in the same area (see Section 73.3555(c)) or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))? Yes No

If the answer to (a) or (b) above is Yes, attach an Exhibit giving full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.
N/A

9. State in an Exhibit any interest the applicant or any party to this application proposes to divest in the event of a grant of this application.

Exhibit No.
2

OTHER MASS MEDIA INTERESTS

- 10. (a) Do individuals or entities holding nonattributable interests of 5% or more in the applicant have an attributable ownership interest or corporate officership or directorship in a broadcast station, newspaper or CATV system in the same area? (See Instruction 8 to Section 11.) Yes No
- (b) Does any member of the immediate family (i.e. husband, wife, father, mother, brother, sister, son or daughter) of an individual holding a nonattributable interest of 5% or more in the applicant have any interest in or connection with any other broadcast station, pending broadcast application, newspaper in the same area (see Section 73.3555(c)), or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))? Yes No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving a full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.
N/A

Section 11 - LEGAL QUALIFICATIONS (Page 4)

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

11. (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 C to Section 11.)

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.
N/A

12. (a) Has an adverse finding been made or an adverse final action been taken by any court or administrative body as to the applicant, any party to this application, or any non-party equity owner in the applicant 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.
N/A

SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies 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 revenue.

Yes No

2. State the total funds you estimate are necessary to construct and operate the requested \$ 396,399.00

Section IV-A - 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.
3

Section IV-B - INTEGRATION STATEMENT

Attach as an Exhibit the information required in 1 and 2 below.

Exhibit No.
4

1 List each principal of the applicant who, in the event of a grant of the application on a comparative basis proposes to participate in the management of the proposed facility and,

[REDACTED]

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 896-A).

SECTION VII - CERTIFICATIONS

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

Yes No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

Yes No

If No, attach as an Exhibit, a full explanation.

Exhibit No.
N/A

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted Conrad Louie
Telephone No. (include area code) (808) 488-7286

Person contacted: (check one box below)

Owner Owner's Agent Other (specify)

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.

EXHIBIT 1

Karen E. Slade is employed as General Manager by Taxi
Productions, Inc., licensee of KJLH(FM), Compton, California.

EXHIBIT 2

If the applicant obtains a construction permit for a new FM station at Waimea, Hawaii, as the result of a comparative hearing in which the applicant is found to be superior to any other applicant, in that event, prior to the date the Waimea station begins program tests, Karen E. Slade will terminate her employment and any connection she may have with KJLH(FM), Compton, California, or any other media interest she may acquire. In the event this application is the only application for the allotment, or a mutually exclusive application is filed and the case is settled prior to the date established for exchange of exhibits, Karen E. Slade would not propose to divest her interests.

EXHIBIT 3

PROPOSED PROGRAMMING

Applicant proposes to serve Waimea, Hawaii and its surrounding areas through programming designed to meet the needs of the area.

Applicant intends to present news and other programming which would be responsible to the concerns of its audience. In this regard, Applicant will take such steps as are necessary to

EXHIBIT 4

INTEGRATION STATEMENT

In the event of a grant of the application, Karen E. Slade will participate in the management of the proposed facility at Waimea, Hawaii.

Ms. Slade will terminate all other employment, relocate to Waimea, Hawaii and serve as General Manager at the station on a full-time basis (40 or more hours per week). Her duties will include overall responsibility for sales, personnel and implementation of the Station's EEO program.

Ms. Slade's integration will be enhanced by her broadcast experience. Ms. Slade claims integration enhancement credit as a female and a black American.

Ms. Slade has the following broadcast experience:

1991

KJLH(FM)
Los Angeles, California
General Manager

To establish and meet aggressive revenue targets through effective sales strategies. Ensure our product exceeds the expectations of our target demo through enlightening, informative yet high energy programming efforts. Establish budget, generating revenue and meet operational expenses. Negotiate contractual terms and conditions to assist in business operational requirements.

1977

WKYC-TV, Channel 3, NBC Affiliate
Cleveland, Ohio
Associate Producer

In charge of scheduling talent, coordinating credits, music and timing segments with producer/director for a community affairs program.

Auxiliary Power

The applicant also claims credit for the installation of auxiliary power generators at both the studio and transmitter locations.

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 KES COMMUNICATIONS, INC.	Signature <i>Karen E. Glade</i>
Date <i>October 1, 1991</i>	Title President

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 71 hours 45 minutes to 301 hours 30 minutes with an average of 118 hours 28 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 (3060-0027), 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.

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

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____
--	--

Name of Applicant: KES Communications, Inc.

Call letters (if issued) <p style="text-align: center;">New FM</p>	Is this application being filed in response to a window? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, specify closing date: <u>October 3, 1991</u>
---	--

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:			Class (check only one box below)
256	City Waimea	County Hawaii	State HI	<input type="checkbox"/> A <input type="checkbox"/> B1 <input type="checkbox"/> B <input type="checkbox"/> C3 <input type="checkbox"/> C2 <input type="checkbox"/> C1 <input checked="" type="checkbox"/> C

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. End of Kaloko Dr., near crest of Hinakapoula, Kailua Kona, Hawaii.

(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	19°	43'	16"	Longitude	155°	55'	26"
----------	-----	-----	-----	-----------	------	-----	-----

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

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

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

Yes No

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 October 1, 1991 Office where filed Western-Pacific Region-Los Angeles, CA

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>None</u>		
(b) _____		

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

(1) of site above mean sea level; 1542 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 138 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 1680 meters

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

(1) above ground 134 meters (H)

134 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 1676 meters (H)

1676 meters (V)

(3) above average terrain 865 meters (H)

865 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). 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.
2

9. Effective Radiated Power: (Equivalent to 100 kw @ 600 meters HAAT.)

(a) ERP in the horizontal plane 41.0 kw (H*) 41.0 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 the relative field.

Exhibit No.
N/A

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

Yes No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 3.16 mV/m service.

Exhibit No.
N/A

12. Will the main studio be within the protected 3.16 mV/m field strength contour of this proposal?

Yes No

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

Exhibit No.
N/A

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

Yes No

See Exhibit #3

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

Yes No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
N/A

(d) If the answer to (a) is No and 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

(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 the 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).

14. 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(e) and 73.318.)

Exhibit No.
4

15. 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 V. The map must further 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

16. 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.
6

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

(b) the 3.16 mV/m and 1 mV/m predicted contours; and

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

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 5,233.3 sq. km. * Population 53,367 1990 Census (PL 94-171 files)

* Land area only.

18. 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:

Exhibit No.
N/A

(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.

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: _____)

Other *(briefly summarize)* Terrain data was extracted from DMA 3 second database (Dataworld).

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances	
		To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
" 39	934.9	68.4	93.6
0	1308.7	75.7	101.0
45	861.2	66.7	91.7
90	136.4	29.9	48.6
135	-129.6	14.6	25.5
180	818.6	65.6	90.5
225 +	1322.0	76.0	101.2
270 +	1376.6	77.0	102.1
315 +	1223.4	73.8	99.4

"Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

+ Radial average determined in accordance with §73.313(d)(2).

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

Would a Commission grant of this application come within Section 11807 of the FCC Rules, such that it may have a significant environmental impact? Yes No

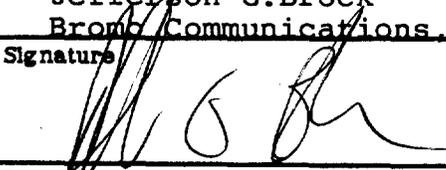
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 11811.

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 #7 for radiofrequency radiation study and 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) 1331 Ocean Blvd. - Suite #201 P.O. Box M St. Simons Island, Georgia 31522
Date October 1, 1991	Telephone No. (Include Area Code) (912) 638-5608

NEW FM APPLICATION
KES COMMUNICATIONS, INC.
CH 256C - 99.1 MHZ - 41 KW
WAIMEA, HAWAII
October 1991

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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NEW FM APPLICATION
KES COMMUNICATIONS, INC.
CH 256C - 99.1 MHZ - 41 KW
WAIMEA, HAWAII
October 1991

TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf of KES Communications, Inc ("KES"), an applicant seeking authority to construct a new FM station on Channel 256C at Waimea, Hawaii. KES is proposing the equivalent of a maximum Class C facility, 41.0 kilowatts at 864.7 meters height above average terrain.

The site proposed by KES already has an existing one hundred and fifty foot tower. KES is proposing to replace that tower with a new taller structure to accommodate it's proposed antenna system. The Federal Aviation Administration has been advised of the new structure. The elevation of the site was determined by interpolating between the elevation contours of the U.S.G.S. 7.5 minute topographic map. The elevation matches that provided to KES by the present owner of the existing tower.