

GENERAL INFORMATION

YES NO

4. (a) Is translator applicant the licensee of primary station?

(b) If answer to 4(a) is No, has written authority been obtained from the licensee of the station whose programs are to be retransmitted?

5. Station Identification.

The Applicant certifies that it will comply with applicable station identification rules. See Sections 73.1201, 74.783 and 74.1283 of the Commission's Rules.

6. Is type approved broadcast equipment being specified?

If No, indicate date equipment was submitted to FCC Laboratory for approval.

7. Would a Commission grant of your application be a major action as defined by Section 1.1305 of the of the Commission's Rules?

None of the provisions of Section 1.1305(a) is applicable

If Yes, attach as Exhibit No. \_\_\_\_\_ the required statement in accordance with Section 1.1311 of the Commission's Rules.

If No, explain briefly.

8. If the application is for a new FM translator, have any funds, legal or engineering services or anything else of value been furnished, directly or indirectly, by the licensee, or permittee of any FM broadcast station or any person associated with such station?

If Yes, attach an explanation as Exhibit No. A-5, identifying the source and nature of the financial support or assistance.

Applicant is licensee of primary station, KPEN (FM)

Section VI

ENGINEERING DATA

1. Facilities requested:

a. Output Channel No. 272A Transmitter Rated Power Output 100 W \*\* Proposed Principal Community(ies) to be served HOMER City State AK

Frequency 102.3 MHz. \*\* See Exhibit A-1

Primary station (station to be rebroadcast — Translator station only)

Call Sign KPEN (FM) City SOLDOTNA State AK Frequency 101.7 MHz.

b. Offset (Low Power TV and TV Translator Stations only)  
(Check one of the following)

No offset  Zero offset  Plus offset  Minus offset

c. Input Channel Frequency

No. 224A 92.7 MHz.

If station is to operate via another translator station, indicate call sign and location of final intermediate translator.

Via Diamond Ridge FM Translator (Anchor Pt./Seldovia) Channel 224A (Call sign not yet assigned)

2. Proposed transmitter location: \*\* See Exhibit A-6

City HOMER State AK

County KENAI PENINSULA BOROUGH

Address or other description of location:  
Skyline Drive, 1/2 mile west from East Road intersection with Skyline Drive Road, Homer, Alaska

Geographical coordinates of transmitting antenna to nearest second

North Latitude 59° 40' 16" West Longitude 151° 30' 28"

Attach as Exhibit No. A-2 a map or maps (preferably topographic, if obtainable, such as Geological Survey quadrangles) for of the area of the proposed transmitter location shown drawn thereon the following data:

a. Scale of miles.

b. Proposed transmitter location accurately plotted.

c. Principal community to be served by the proposed station, clearly identified and labeled.

3. Transmitter:	Make <u>QEI CORP.</u> <u>TEPCO CORP.</u>	Type No. <u>675T150A</u> <u>J-317 Robt. Jones</u>	Length <u>100</u>	Output Power <u>10</u> kw.
4. Transmission line:	<u>CABLE WAVE</u>	<u>FLC 12-50J</u>	<u>75 ft.</u>	Rated efficiency E for length given (decimal fraction) <u>0.86</u>
5. Transmitting antenna	<input checked="" type="checkbox"/> Directional <input type="checkbox"/> Non-Directional			
Manufacturer	<u>SCALA ELECTRONICS CORP.</u>	Model <sup>1</sup>	<u>HDCA-5EB</u>	
Description <sup>1</sup>	<u>3 Stacked 5 Element Yagi's Vertical Polarization</u>			
Orientation <sup>2</sup>	Height above ground <sup>3</sup>	Elevation of Site <sup>4</sup>	Power gain G (multiplier) in lobe of maximum radiation relative to a half-way dipole. <sup>5</sup>	
<u>5°, 145°, 215°</u>	<u>75 ft.</u>	<u>1115 ft.</u>	<u>3.89</u>	

Effective radiated power (ERP)

(ERP=P X E X G) 0.335 kw.

Height of antenna radiation center above mean sea level 1,150 ft.

Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.

Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.

Show height to topmost portion of structure, including highest top mounted antenna and beacon if any.

Show the ground elevation above mean sea level at the base of the transmitting antenna supporting structure.

Give the actual power gain toward the radio horizon.

6. Attach as Exhibit No. A-3 a vertical plan sketch for the proposed total structure(s) including supporting structure(s), giving height of center of radiation above ground, overall height of structure above ground, including lighting beacon (if any) and height above mean sea level in feet for all significant features for BOTH RECEIVING AND TRANSMITTING ANTENNAS. Also indicate any horizontal separation between receiving and transmitting antennas.

7. Will the proposed antenna supporting structure be shared with another station or stations of any class?

If Yes, list the call signs and class of such stations.

YES  NO

K280CU FM Translator 103.9 MHz KGTL-FM Peninsula Communications, Inc.

8. Attach as Exhibit No. A-4 a polar diagram of the radiation pattern (relative field) of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non directional transmitting antenna will be employed, i.e. an antenna with an approximately circular radiation pattern, check here  and omit polar diagram.

9. Has FAA been notified of proposed construction?

YES  NO

If Yes, give date and office where notice was filed.

10. Unattended operation:

a. Is unattended operation proposed?

YES  NO

If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an authorized station which proposes unattended operation for the first time, applicant will comply with the several requirements of Section 74.734 (TV Translators) or Section 74.1234 (FM Translators) of the Rules concerning unattended operation.

b. In space below state name, address and telephone number of a person or persons who may be contacted in an emergency to suspend operation of the translator should such action be deemed necessary by the Commission.

Name	Address (street or other description)	City	State	Telephone No. (include area code)
DAVID F. BECKER	P.O. BOX 103	HOMER	ALASKA	(907) 235-7551

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

David F. Becker  
Signature (Print name below)

6/17/86  
Date

(907) 235-7551  
Telephone No. (include area code)

DAVID F. BECKER

Technical Director

Registered Professional Engineer

Consulting Engineer

Chief Operator

Other (specify)

Section VII

Equal Employment Opportunity Program

Does the applicant propose to employ five or more fulltime employees?

YES  NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program.

Section VIII

Certification

Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules?

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 Section 1.65 of the Commission's Rules, 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, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 17<sup>th</sup> day of JUNE, 19 86

PEN INSULA COMMUNICATIONS, INC.  
Name of Applicant

David F. Becker  
David F. Becker <sup>Signature</sup>  
President

Title

**FCC NOTICE TO INDIVIDUALS REQUIRED BY 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 application examiners, will use the information to determine whether the application would be granted, denied, dismissed, or designated for hearing. If all the information requested 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.

**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.**

FCC FORM 346

6/16/86

Sec. VI, Para. 1(a)

EXHIBIT A-1

REQUEST FOR WAIVER OF SECTION 74.1235

Applicant hereby requests a waiver of Section 74.1235 of the Commission Rules, which limits power output to 10 watts. Applicant requests 100 watts TPO to enable wider area coverage consistent with waivers granted other Alaska FM translator stations....for example:

K249BY	Alaska Village Missions, Inc.	Kenai-Soldotna, Alaska
K285AA	Kodiak Community Church, Inc.	Kodiak, Alaska
K296DC	Kodiak Community Church, Inc.	Kodiak, Alaska
K272BW	Peninsula Communications, Inc.	Kodiak, Alaska
K280CU	Peninsula Communications, Inc.	Homer, Alaska
K276IJ	Peninsula Communications, Inc.	Kachemak City, Alaska
K252CF	KSRM, Inc.	Homer, Alaska
K262BE	Community Baptist Church, Inc.	Dillingham, Alaska
K265BJ	Peninsula Communications, Inc.	Kenai-Soldotna, Alaska

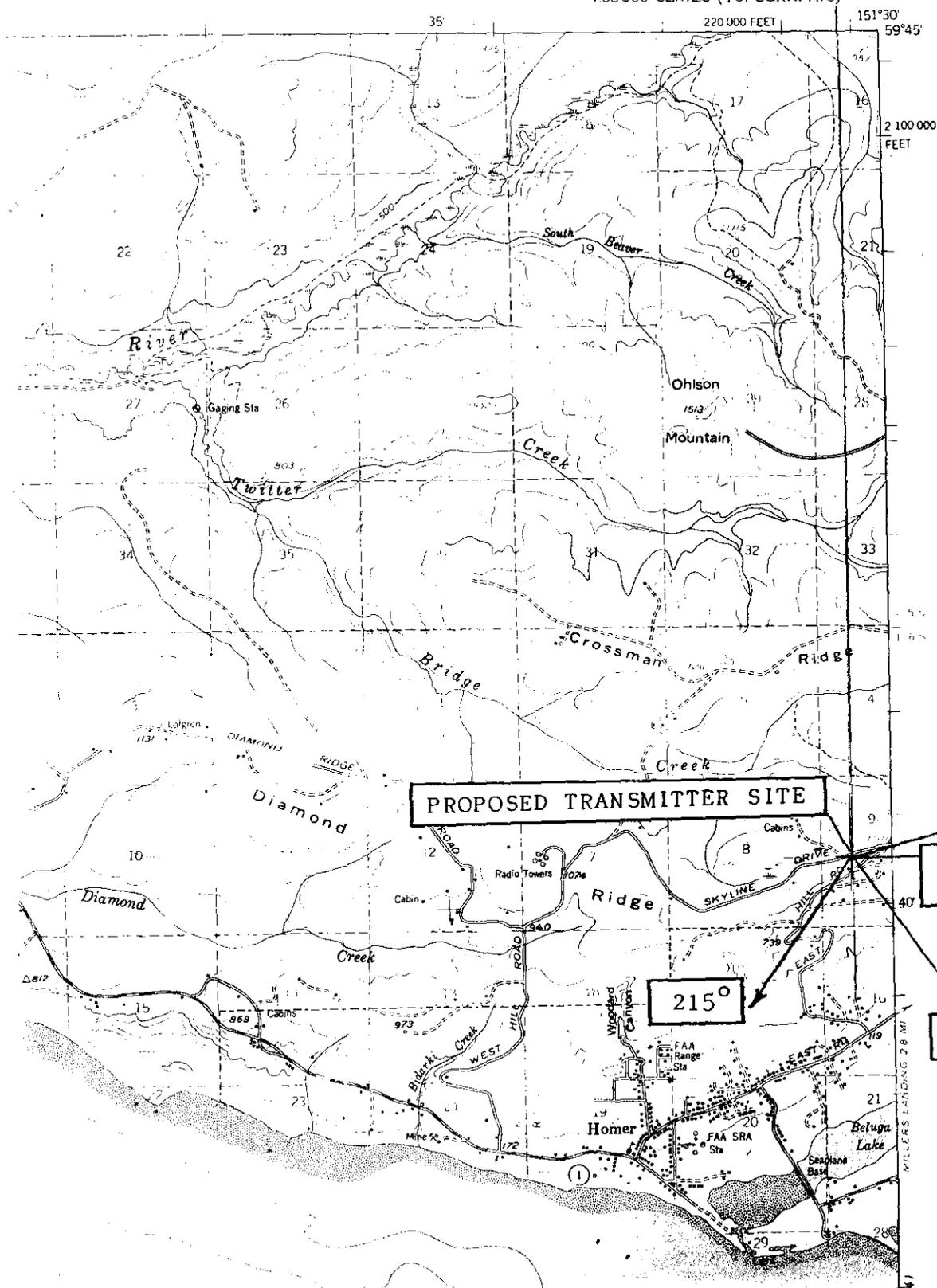
All the above FM Translator stations have been authorized 100 watts transmitter output power.

CLARIFICATION OF CHANNEL 272A FREQUENCY REQUEST

Peninsula Communications, Inc. (PCI), applicant, has been granted an application to change frequencies from 102.3 MHz ("K272AT") to 103.9 MHz ("K280CU"). Therefore, Channel 272A is available for assignment as requested by PCI in this application for use in translating KPEN(FM), since the channel will be vacated by KGTL-FM.

K280CU was granted May 27, 1986, File No. BPFT-860212TA.

ISELDOVIA D-41



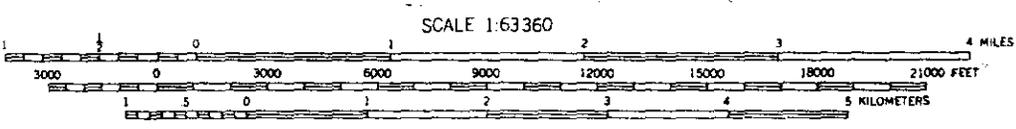
**PROPOSED TRANSMITTER SITE**

**75°**

**N. LAT. 59° 40' 16"**  
**W. LONG. 151° 30' 28"**

**215°**

**145°**

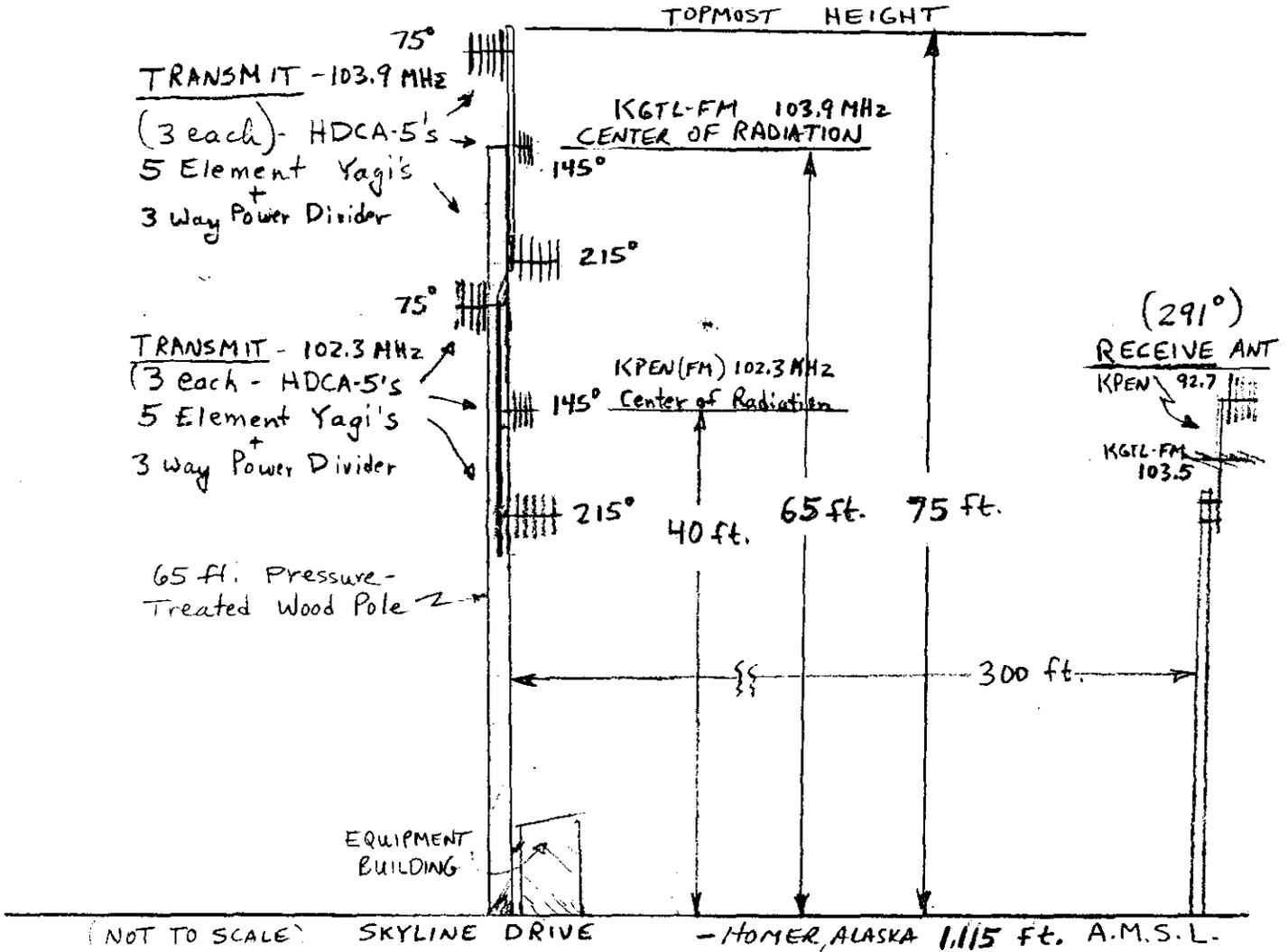


SCALE 1:63360  
 CONTOUR INTERVAL 100 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER  
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 15 FEET

ISELDOVIA C-41



# EXHIBIT A-3



## EXHIBIT A-3 - PROPOSED ANTENNA STRUCTURE

(Vertical Plan Sketch)

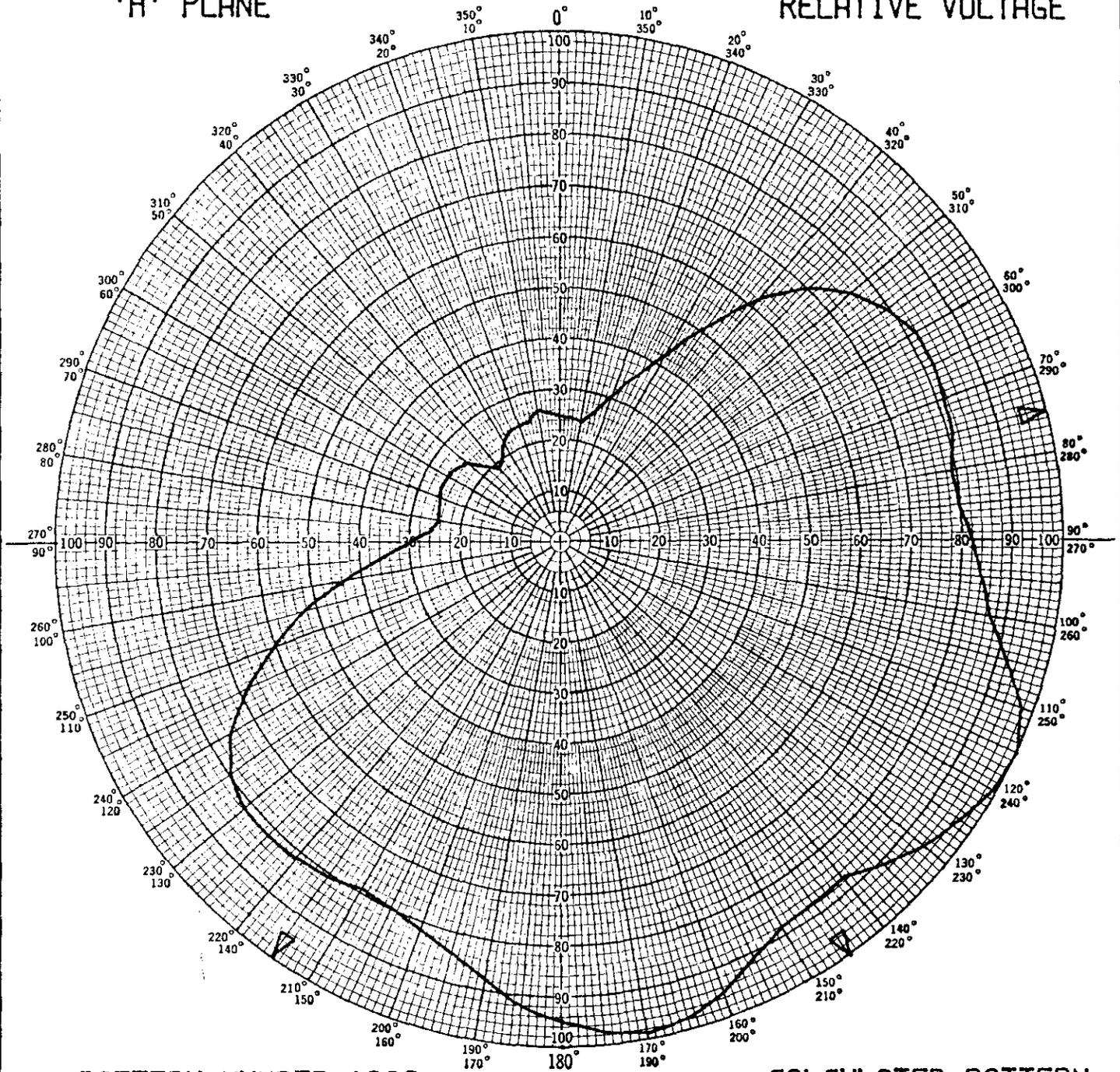
6-16-86

FCC FORM 346

N. LAT. 59° 40' 16"  
W. LONG. 151° 30' 28"

'H' PLANE

RELATIVE VOLTAGE



PATTERN NUMBER 1360

CALCULATED PATTERN

**SCALA**  
ELECTRONIC CORPORATION  
POST OFFICE BOX 4580  
MEDFORD, OREGON 97501  
(503) 779-6500  
TELEX: 151681

THREE SCALA HDCA-5EBV YAGIS  
ORIENTED AT 75 - 145 - 215 DEGREES  
MAXIMUM ARRAY GAIN: 5.9 dBd

EXHIBIT A-4

EXHIBIT A-4

PATTERN NUMBER 1360

AZIMUTH	RELATIVE VOLTAGE	RELATIVE DB	DBD
0	0.250	-12.0	-6.1
10	0.241	-12.4	-6.5
20	0.310	-10.2	-4.3
30	0.432	-7.3	-1.4
40	0.633	-4.0	1.9
50	0.763	-2.4	3.5
60	0.822	-1.7	4.2
70	0.815	-1.8	4.1
80	0.791	-2.0	3.9
90	0.822	-1.7	4.2
100	0.868	-1.2	4.7
110	0.975	-0.2	5.7
120	0.991	-0.1	5.8
130	0.942	-0.5	5.4
140	0.869	-1.2	4.7
150	0.880	-1.1	4.8
160	0.948	-0.5	5.4
170	0.989	-0.1	5.8
180	0.949	-0.5	5.4
190	0.880	-1.1	4.8
200	0.816	-1.8	4.1
210	0.791	-2.0	3.9
220	0.815	-1.8	4.1
230	0.818	-1.7	4.2
240	0.756	-2.4	3.5
250	0.608	-4.3	1.6
260	0.443	-7.1	-1.2
270	0.304	-10.3	-4.4
280	0.247	-12.2	-6.3
290	0.254	-11.9	-6.0
300	0.259	-11.7	-5.8
310	0.244	-12.3	-6.4
320	0.190	-14.4	-8.5
330	0.228	-12.8	-6.9
340	0.244	-12.3	-6.4
350	0.265	-11.5	-5.6

FCC FORM 346

2/25/86

Sec.1, para. 8

EXHIBIT A-5  
REQUEST FOR WAIVER OF SECTION 74.1232(d)

Applicant is licensee of primary station KPEN(FM), Soldotna, Alaska. Applicant is also licensee of KGTL-FM, Homer, Alaska. Applicant (Peninsula Communications, Inc.) hereby requests a waiver of FCC rules, Section 74.1232(d) to permit operation of KPEN(FM)'s translator beyond KPEN's predicted 1 mV/m contour and within KGTL-FM's predicted 1 mV/m contour. Attached to this exhibit are copies of predicted 1 mV/m contours for both KPEN(FM) and KGTL-FM. Obviously, applicant has no objection to operation within KGTL-FM's predicted 1 mV/m contour, since applicant is licensee of both KPEN(FM) and KGTL-FM.

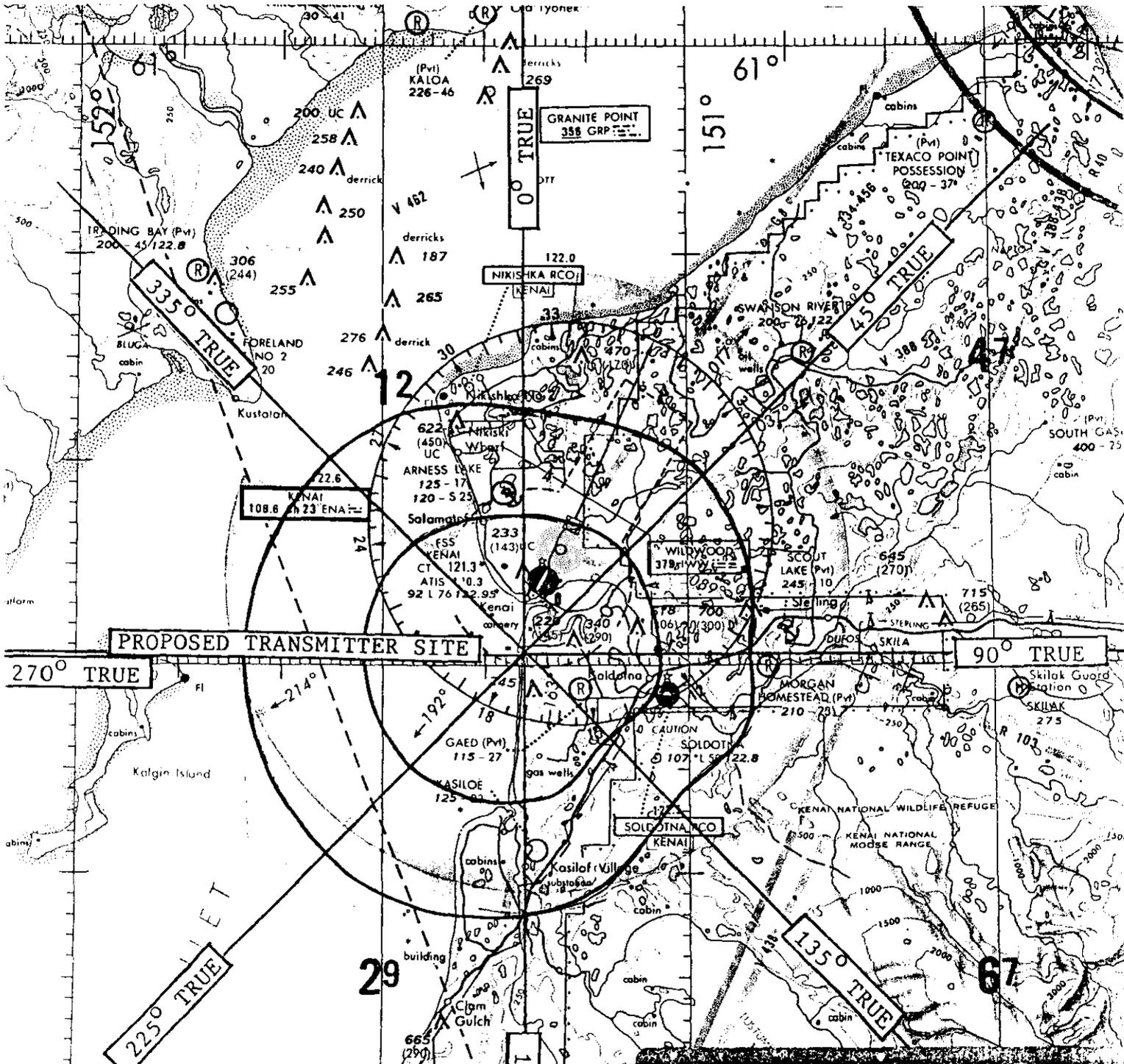
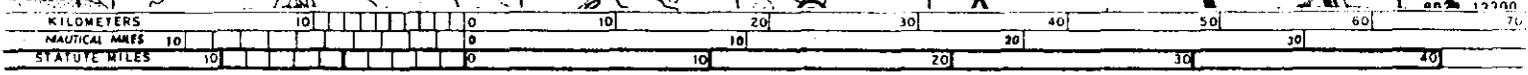
All funds, legal and engineering services will be provided by applicant as the licensee of the primary station, KPEN(FM).

Applicant believes that a grant of this waiver is in the public interest and consistent with other waivers granted to Alaska stations of Section 1232(d). Alaska lacks a diversified number of programming services due to the lack of FM broadcast stations serving this area. A grant of this waiver request will bring additional service to the residents of the Kenai Peninsula, which is not now available. KGTL-FM programs an "Adult Contemporary" music and news format, while KPEN(FM) programs an "Easy Listening" music and news format. Both stations are programmed to serve essentially different audience age demographics. KGTL-FM serves primarily the 18-34 age group while KPEN(FM) serves primarily the 35-plus age group.



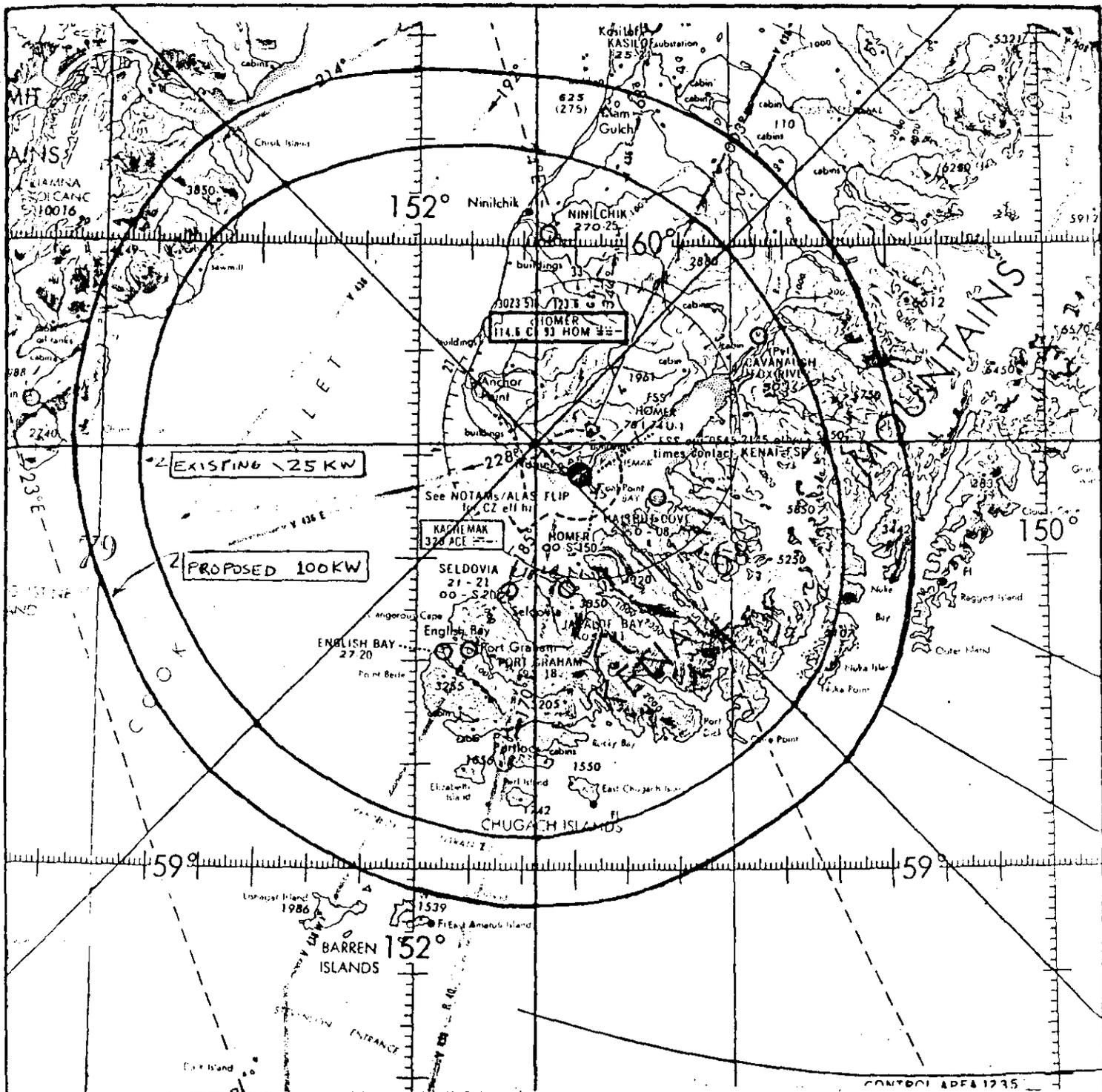
PREDICTED COVERAGE CONTOURS  
PENINSULA COMMUNICATIONS, INC.

ANCHORAGE  
114.3 180 ANCE  
FIRE ISLAND  
55-23  
ANCHOR  
2910  
12700

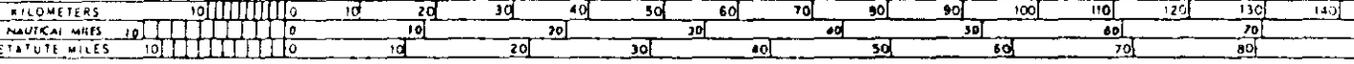


60 DBU COVERAGE - Pop. ('82) 8,240  
662 sq. mi. Land= 340 sq. mi.

EXHIBIT #6 AMMENDED FCC FORM 301  
SECTION V-B, #10 July 9, 1984  
60° 30' 40" N. LATITUDE  
151° 16' 12" W. LONGITUDE  
CH: 269A 3.0 Kw H & V 269 ft. HAAT  
SOLDOTNA, ALASKA



CONTROL ADF 1235



**KGTL FM STATION**

CHANNEL 278C                      103.5 MHz  
 100 Kw ERP H                      1148.42 AAT  
 FCC FORM 301                      1-30-80

**EXHIBIT 8B**

**PREDICTED 1.0 mV/m CONTOUR**  
 PENINSULA COMMUNICATIONS, INC.  
 BOX 103, HOMER, ALASKA

FCC FORM 346  
6/16/86  
SEC.VI, Para. 2

EXHIBIT A-6

"CHANGE IN PROPOSED TRANSMITTER LOCATION"

Peninsula Communications, Inc. (PCI), applicant, has recently purchased Lot 5, Skyline View Subdivision. This lot lies directly across the road from the previously proposed transmitter location now operated by Alaska Village Missions, Inc. (FM Translator K285AM). PCI proposes to develop a new antenna site for FM translator stations for both KGTL-FM and KPEN(FM). This location is vastly superior to the previous location for KGTL-FM's old translator for K272AT or to the previously proposed site for K280CU. This site will allow both FM translators to be co-located at one site, offering the best signal coverage possible for Homer. Also, owning the land will insure that future problems with other landlords and expiring leases will be totally eliminated, since PCI owns the transmitter site.

The change in transmitter site for this application amounts to simply moving across the road (Skyline Drive) and about 350 ft. further East. The change in transmitter geographical coordinates is correspondingly made with the ammendment of Section VI, Engineering Data, in this application.

**EXHIBIT G**

FCC/MELLON MAY 13 1991

COP

SOUTHMAYD SIMPSON & MILLER

P.O. Box 59711  
Potomac, Maryland 20859  
Telephone: (301) 417-0635  
Telecopier: (301) 977-2362

1233 Twentieth Street, N.W.  
Second Floor  
Washington, D.C. 20036  
Telephone: (202) 331-4100  
Telecopier: (202) 331-4123

May 6, 1991

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

Dear Ms. Searcy;

Transmitted herewith, in triplicate, on behalf of Peninsula Communications, Inc. is an FCC Form 349 application for a new FM translator on Channel 285 at Kenai, Alaska. The application is accompanied by a check in the amount of \$425.00 in payment of the application processing fee.

The Applicant is aware that there is a freeze on the filing of applications proposing new FM translators or major changes in the facilities of existing translators pursuant to Report And Order in MM Docket No. 88-140, 5 FCC Rcd 7212 (1990). This freeze will not presently be lifted until June 1, 1991 pursuant to the Commission's Order, DA 91-455 (released April 22, 1991).

Peninsula hereby respectfully requests a waiver of the Commission's rules and policies to allow for the filing and acceptance of this application in advance of the lifting of the freeze. The application proposes a new FM translator facility to serve Kenai, Alaska. Because of the limited construction season in the State of Alaska it is imperative that the Commission begin the processing of the application as soon as possible in order for construction on the station to commence prior to the on-set of Winter.

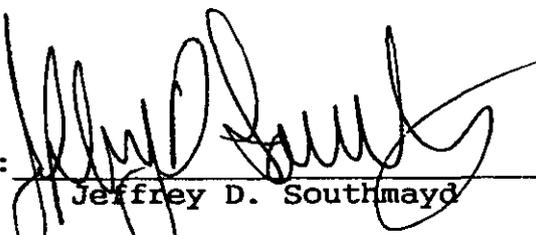
The Commission has long recognized the need for additional broadcast services in the State of Alaska. This need has evolved into a policy of granting liberal waivers of the Commission's broadcast rules, including in the context of applications for new FM translators and major changes in facilities of existing stations. See, Wrangell Radio Group, 75 FCC 2d 404 (1979). This policy has become known as the "Alaska Exception" for FM translator applications.

Letter to Ms. Donna R. Searcy  
May 6, 1991  
Page 2

Peninsula respectfully requests that its subject application be accepted for filing and processed in advance of the lifting of the FM translator application "freeze" under this policy. The public interest will be served by such a waiver in that it will allow Peninsula to build the requested FM translator at the earliest possible time and expeditiously increase the broadcast services in the State of Alaska. Without a grant of the requested waiver it is doubtful that Peninsula will be able to build the subject FM translator until the Summer of 1992, with a corresponding loss of service to the public in the State of Alaska.

Very truly yours,

Peninsula Communications, Inc.

By: 

Jeffrey D. Southmayd

Its Attorney

Approved by OMB  
3060-0440  
Expires 12/31/90

FEDERAL COMMUNICATIONS COMMISSION  
**FEE PROCESSING FORM**

FOR  
FCC  
USE  
ONLY

SCMELLON MAY 16 1991

05-14-91 8200448 007

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)  
Peninsula Communications, Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters - refer to Instruction (2) on reverse of form)  
P.O. Box 103

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

CITY  
Homer

STATE OR COUNTRY (if foreign address) ZIP CODE  
Alaska 99603

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) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(1) M O F		\$ 425.00	

**SECTION II** — To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(2)		\$	
(3)		\$	
(4)		\$	
(5)		\$	

ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (5), AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING	FOR FCC USE ONLY
\$ 425.00	425.00

ORIGINAL

SOUTHMAYD SIMPSON & MILLER

P.O. Box 59711  
Potomac, Maryland 20859  
Telephone: (301) 417-0635  
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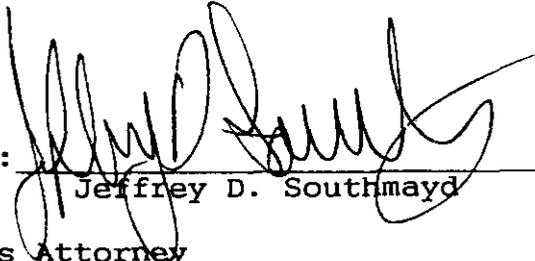
Letter to Ms. Donna R. Searcy  
May 6, 1991  
Page 2

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Very truly yours,

Peninsula Communications, Inc.

By:

  
Jeffrey D. Southmayd

Its Attorney

APPLICATION FOR AUTHORITY TO CONSTRUCT OR  
MAKE CHANGES IN AN FM TRANSLATOR OR FM BOOSTER STATION  
(Carefully read instructions before filling out form - RETURN ONLY FORM TO FCC)

For <u>Commission</u> Fee Use Only	FEE NO:	For <u>Applicant</u> Fee Use Only Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, indicate reason therefor (check one box): <input type="checkbox"/> Nonfeeable application Fee Exempt (See 47 C.F.R. Section 1.1112) <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	FEE TYPE:	
	FEE AMT:	
	ID SEQ:	

For Commission Use Only  
**BPFT-910513TF**  
File No.

SECTION I - GENERAL INFORMATION

1. Name of Applicant  PENINSULA COMMUNICATIONS, INC.	Address P. O. BOX 103		
	City HOMER	State AK	ZIP Code 99603
	Telephone No. (include area code) (907) 235-7551		

2. This application is for: (check one box)

FM Translator  FM Booster

A. Channel No. 285	B. Community of license: City KENAI State AK
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C. Check one of the following boxes:

- NEW Station  
 MODIFICATION of Construction Permit (CP)  
 (Check this box only if CP is not covered by an operating license)

File No. of Construction Permit: \_\_\_\_\_

MAJOR CHANGE in licensed facilities; call sign: \_\_\_\_\_

MINOR CHANGE in licensed facilities; call sign: \_\_\_\_\_

AMENDMENT of pending application

Application Reference No. \_\_\_\_\_

**REC'D MASS MED BUR**  
MAY 10 1991  
**AUXILIARY SERVICES**

For amendments to a previously filed application, submit only Section I and those portions of the form that contain the amended information.

Section 1 (Page 2)

3. (a) To the applicant's knowledge, is this application mutually exclusive with a renewal application?  Yes  No

(b) To the applicant's knowledge, is this application mutually exclusive with another application(s)?  Yes  No  
If the answer to question 3(a) or 3(b) is Yes, state the following information:

Call letters or File No.	Community of License	
	City	State
(a)		
(b)		

SECTION II - ENGINEERING DATA AND ANTENNA AND SITE INFORMATION

\*\* SEE EXHIBIT A-1

1. Facilities requested:

(a) Output Channel No.	Transmitter Rated Power Output **	Proposed Community(ies) to be served	
285	100 Watts W	City KENAI	State AK

(b) Frequency 104.9 MHz \*\*\*SEE EXHIBIT A-2

Primary station (station to be rebroadcast)			
Call Sign	City	State	Frequency
KWVV-FM	HOMER	AK	103.5 MHz

(c) Input Channel Frequency No. 278 Input Channel Frequency MHz 103.5  
 If station is to operate via another translator station, indicate call sign and location of final intermediate translator.

Call Sign \_\_\_\_\_ Location \_\_\_\_\_

2. Proposed transmitting antenna location:

City	State	County
KENAI	AK	KENAI PENINSULA BOROUGH
Address or other description of location:		Geographical coordinates of transmitting antenna to nearest second
36550 KALIFONSKY BEACH ROAD KENAI, ALASKA		North Latitude <u>60 . 30 . 40 .</u> West Longitude <u>151 . 16 . 12 .</u>

Attach as an Exhibit a map or maps (preferably topographic, if obtainable, such as Geological Survey quadrangles) of the area of the proposed transmitting antenna location shown drawn thereon the following data:

Exhibit No. A-3

- a. Scale of kilometers
- b. Proposed transmitting antenna location accurately plotted.

3. Transmitter:	Make QEI CORP. (AMPLIFIER) TEPCO CORP.	Type No. 675T150A Robt. Jones J317	Output Power P 100 Watts 10 " kilowatts
4. Transmission line:	Cablewave	FCC78-50J	Length 110 meters Rated efficiency E for length given (decimal fraction) 0.72

5. Transmitting antenna  Directional "off-the-shelf"  Directional Composite (Multiple Antennas)  Non-Directional  
 (Submit manufacturer's patterns)

Manufacturer SCALA ELECTRONIC CORP.	Model SCALA CA5-150EB/CP	Description <sup>1</sup> 3ea-2 Bays Vert. stack 5 ele. Yagi's Circ. Polar	
Orientation of main lobe <sup>2</sup> 0°, 90° & 180°	Overall structure height above ground <sup>3</sup> <del>109.78</del> 97.5 meters	Elevation of Site <sup>4</sup> 12.19 meters	Power gain G (multiplier) in lobe of maximum radiation relative to a halfwave dipole <sup>5</sup> 5.5 dB ( 3.50 )

Effective radiated power (ERP) (ERP=P X E X G) 0.25 kilowatts  
 Height of antenna radiation center above above mean sea level 108.2 meters

1 Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.  
 2 Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.  
 3 Show height to topmost portion of structure in meters, including highest top mounted antenna and beacon if any.  
 4 Show the ground elevation above mean sea level in meters at the base of the transmitting antenna supporting structure.  
 5 Give the actual power gain toward the radio horizon.