FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION AM EDR

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

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
CA	-871007AI N/M	~~KHTX~~ 1400KHZ	AMERICOM, A CALIF. LTD. PARTNERSHIP TRUCKEE CA	CP TO CHNG CITY OF LIC TO SPARKS, NV; CHNG TL TO 4KM, 135 DEGREES TRUE, FROM SPARKS, NV AND MAKE CHNGS IN ANT SYSTEM 39 30 51 119 42 41
		WLE-880	CRYSTAL CITY NV	

KHTZ

LICENSE EXPIRATION DATE DEC 1, 1990

for Elizabeth Robinson
CHIEF, LICENSE DIVISION

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

CONTESTED ( ) UNCONTESTED ( )

4/19/89

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

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

Form A-378
January 1980

LAW OFFICES OF
FARRAND, COOPER, METZLER & BRUINIERS
A PROFESSIONAL CORPORATION

STEPHEN R. FARRAND
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ROGER J. METZLER, JR.
TERENCE L. BRUINIERS
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701 SUTTER STREET
SAN FRANCISCO, CA 94109

P. O. BOX 7329
SAN FRANCISCO, CA 94120

TEL. (415) 775-0680
FAX NO. (415) 775-9761

ORIGINAL

October 5, 1987

OCT 1 1987

William J. Tricarico, Secretary
FEDERAL COMMUNICATIONS COMMISSION
1919 M Street, N.W.
Washington, D.C. 20554

RECEIVED
87-1007
FCC
FEE SECTION

Re: KHTX, Truckee, California
Application/Request for Expedited Treatment

Dear Mr. Tricarico:

Enclosed please find an original and two (2) copies of an application for a site change for KHTX from Truckee, California to Sparks, Nevada.

A change of a city of license is not an action undertaken lightly, but KHTX is doing so at the suggestion of the Commission and only after KHTX, having lost its lease, encountered insurmountable difficulties in finding a site that could serve Truckee.

The series of letters (a portion of which are attached) to the Commission filed by the licensee over the past four years details the problems KHTX has had in locating a suitable site. Summarized, the letters show that KHTX is situated in the Tahoe Basin, one of the most heavily regulated (i.e., restricted) areas for building in the United States. The Tahoe Regional Planning Commission has restricted building and improvements to the point that one landowner had to go to court to get permission to <u>replace</u> a flagpole on the end of his wharf. In any event, there are only three locations that are zoned for radio towers. One (the former site) is not available because the owner wants to develop the land for residential use. Another is a site from which KHTX cannot cover its city of license with the requisite nighttime signal (and the Commission has denied KHTX's request for waiver). The third is unavailable because the adjoining owners do not want a radio station tower on the site and have demonstrated that the change in zoning to allow the KHTX tower was done without legal (and sufficient) notice to adjoining landowners, thus the rezoning was not proper.

Those problems led KHTX to request numerous waivers. In denying the waivers, the Commission suggested a major change in the site (see the attached letter to the licensee from the FCC). That has proven to be the only feasible alternative, but it does require a change in the city of license because KHTX cannot find a site from which it can serve Truckee without a waiver of the rules.

Therefore, the licensee has submitted the accompanying application and requests a continuance of its present authority until the application is granted. The licensee respectfully requests the expedited processing promised in the March, 1986 letter from the Commission.

Very truly yours,

FARRAND, COOPER, METZLER & BRUINIERS

Roger J. Metzler, Jr.

RJM:jbs
Enclosures

cc: Tom Quinn
KHTX Public File

United States of America
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

871007AI

Approved by OMB
3060-0027
Expires 2/28/89

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION
(carefully read instructions before filing form)
Return only form to FCC

For Commission Use Only
File No. ~~871007AD~~ II

FEE NO: 0004459
FEE TYPE: MAJ
FEE AMT: 2000.
ID SEQ: 02

OCT 9 12 20 AM '87

ORIGINAL

Section I—GENERAL INFORMATION

1. Name of Applicant

AMERICOM, A California Limited Partnership

Street Address or P.O. Box

6255 Sunset Blvd., #1901

City	State	ZIP Code	Telephone No. *(Include Area Code)*
Los Angeles	CA	90028	(213) 465-7700

RECEIVED
871007
FCC
FEE SECTION

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

Name	Street Address or P.O. Box
A. Thomas Quinn	6255 Sunset Blvd., #1901

City	State	ZIP Code	Telephone No. *(Include Area Code)*
Los Angeles	CA	90028	(213) 465-7700

2. This application is for: [X] AM [ ] FM [ ] TV

(a) Channel No. or Frequency:	(b) Principal Community: City	State
1400 kHz	Sparks	NV

(c) Check one of the following boxes:

[ ] Application for NEW station

[X] MAJOR change in licensed facilities; call sign: KHTX

[ ] 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 [X] No

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

Section VI — EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full time employees? DNA ☐ Yes ☐ No

   If Yes, the applicant must include an EEO program called for in the separate Model EEO Program (FCC 396-A).

Section VII — CERTIFICATIONS

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

   Exhibit No. ____

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

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.

DAVID ROUNDTREE
Name of Person Contacted

(702) 356-2333
Telephone No. (*include area code*)

Person contacted: (*check one box below*)

☐ Owner ☒ Owner's Agent ☐ Other (*specify*)

Applicant's Signature

9/30/87
Date

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.

CERTIFICATIONS

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, or 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 30th **day of** September, **19** 87.

AMERICOM, a California Limited Partnership
Name of Applicant

Signature

General Partner
Title

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 application examiners, will use the information to determine whether the application should 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.

☆ U.S. Government Printing Office: 1987—165-647

JAMES B. HATFIELD, PE
BENJAMIN F. DAWSON III, PE
THOMAS M. ECKELS, PE

PAUL W. LEONARD, PE

HATFIELD & DAWSON
CONSULTING ELECTRICAL ENGINEERS
4226 SIXTH AVE. N.W.
SEATTLE, WASHINGTON 98107

TELEPHONE
(206) 783-9151

MAURY L. HATFIELD, PE
CONSULTANT

ENGINEERING REPORT:

APPLICATION FOR SITE CHANGE

KHTX SPARKS, NEVADA
1400 KHZ, 1.0 KW

AMERICOM

9/87

TABLE OF CONTENTS

1. Purpose of Application

This Engineering Report is part of an application for a change of site for KHTX, presently located at Truckee, California. The site specified in BP-831010AA is not available for permanent operation due to a legal challenge to the zoning permit granted for that site, and it has been necessary to locate a new site. The operation proposed in this application would be from a new site, located southeast of Sparks, Nevada at 39° 30′ 51″ X 119° 42′ 41″. The proposed station will continue to operate on 1400 kHz, with an effective radiated power of 1.0 kilowatt day and night, using a nondirectional antenna.

2. Allocation Considerations

The allocation circumstances for the operation of KHTX authorized in BP-831020AA are shown in the original application for that construction permit. The pertinent service and interference contours for the proposed operation, are shown in Exhibit VA-15A-3. The study shows overlap of the service and interference contours of KHTX and KBLX in Berkeley, California. However, the proposed site is more distant from the site of KBLX than the present site. This will reduce the overlap which was accepted by both stations at the time of licensing and most recent facilities changes of both stations.

Also shown in Exhibit VA-15A-3 are the 0.5 mV/m contours of KHTX and KMYC in Marysville, California. The contour values for KMYC were taken from the directional antenna proof of performance with additonal measured data included as a part of Exhibit VA-15A-4. The material from the KMYC proof of performance is incorporated herein by reference and copies of the pertinent graphs and data sheets are included with this report. As shown, there is no prohibited overlap.

There are no other known broadcasting stations operating on 1400 kHz or adjacent channels close enough to this proposal to require analysis with respect to the mutual overlap of contours.

3. Facilities Proposed

The proposed operation will be on 1400 kHz with an effective radiated power of 1.0 kilowatt with a nondirectional antenna from a site located at 135° T, 4 kilometers from Sparks, Nevada. The proposed antenna will have an efficiency of 420 mV/m per kilowatt at one kilometer. The proposed 5 mV/m contour and the 22 mV/m nighttime interference-free contour are shown in Exhibit VA-15A-1.

EXHIBIT VA-7

DO NOT REMOVE CARBONS

Form Approved OMB No. 2120-0001

US Department of Transportation
Federal Aviation Administration

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Aeronautical Study Number

1. Nature of Proposal

A. Type	B. Class	C. Work Schedule Dates
[X] New Construction	[X] Permanent	Beginning ON APPROVAL
[ ] Alteration	[ ] Temporary (Duration _____ months)	End WITHIN 6 MOS.

2. Complete Description of Structure

A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure.

B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports.

C. Include information showing site orientation, dimensions, and construction materials of the proposed structure.

KHTX-AM 1400 KHZ, 1.0 KW ERP

UNIFORM CROSS SECTION GUYED
WELDED STEEL TOWER 407'

(if more space is required, continue on a separate sheet.)

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

(213) 465-7700
area code Telephone Number

THOMAS QUINN
% AMERICOM
6255 SUNSET BOULEVARD STE. 1901
LOS ANGELES, CA 90028

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

HATFIELD & DAWSON CONSULTING ENGINEERS
4226 6TH AVE. N.W.
SEATTLE, WA. 98107 (206) 783-9151

4. Location of Structure

A. Coordinates (To nearest second)	B. Nearest City or Town, and State	C. Name of nearest airport, heliport, flightpark or seaplane base
	SPARKS, NEVADA	RENO AIRPORT
Latitude 39° 30' 51"	(1) Distance to 4B 2.5 Miles	(1) Distance from structure to nearest point of nearest runway 2.6 MILES
Longitude 119° 42' 41"	(2) Direction to 4B 315° T	(2) Direction from structure to airport 270° T

5. Height and Elevation (Complete to the nearest foot)

A. Elevation of site above mean sea level	4380'
B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated	407'
C. Overall height above mean sea level (A + B)	4787'

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

SEE ATTACHED SITE MAP

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

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

Date	Typed Name/Title of Person Filing Notice	Signature
9/16/87	MARIABETH SILKEY	Mariabeth Silkey

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

The Proposal:

- [ ] Does not require a notice to FAA.
- [ ] Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation.
- [ ] Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation.
- [ ] Should be obstruction [ ] marked, [ ] lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____
- [ ] Obstruction marking and lighting are not necessary.

Remarks:

Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or

- [ ] At least 48 hours before the start of construction.
- [ ] Within five days after the construction reaches its greatest height.

This determination expires on _____ unless:

(a) extended, revised or terminated by the issuing office;
(b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

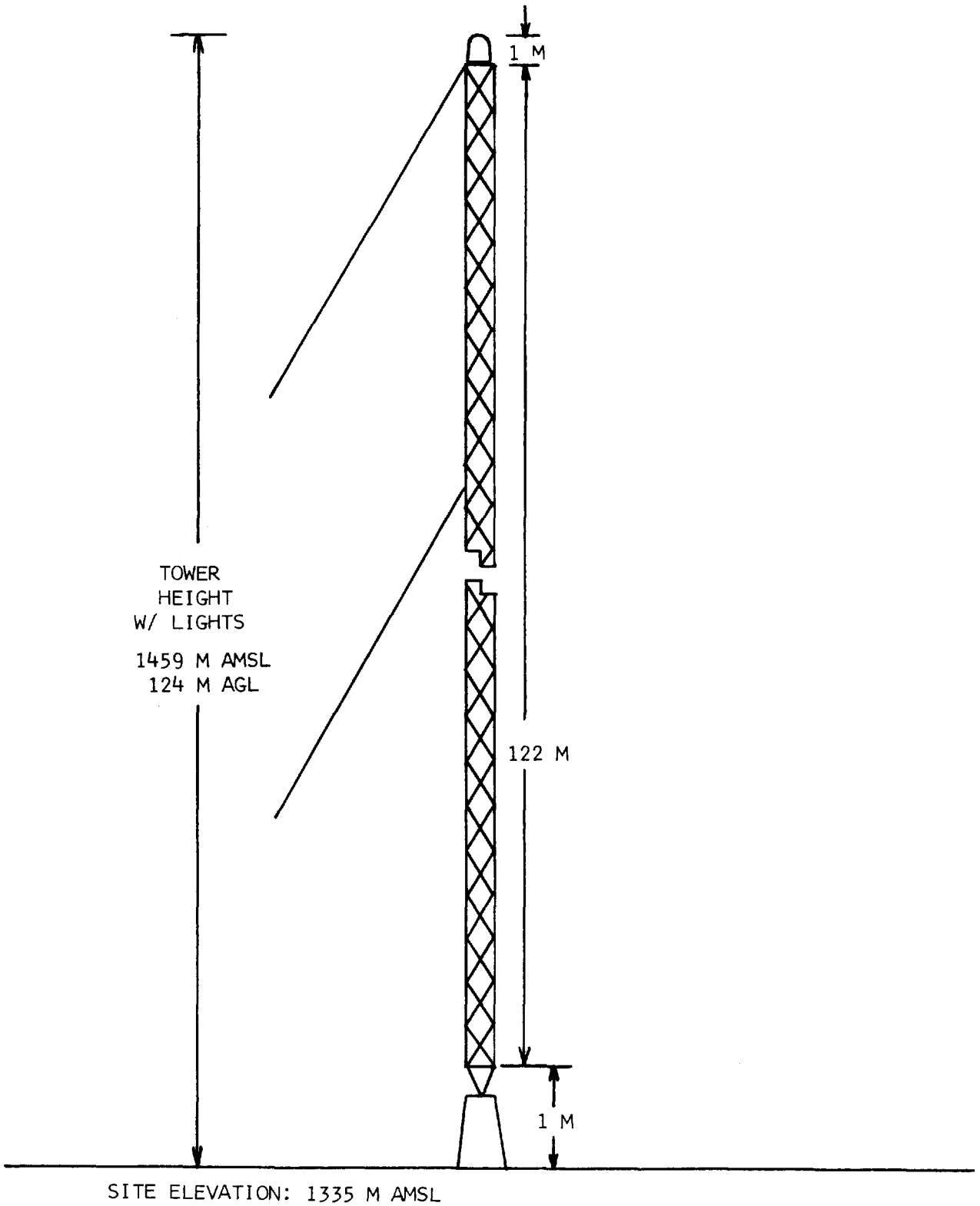
NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.

Issued In	Signature	Date

FAA Form 7460-1 (8-85)

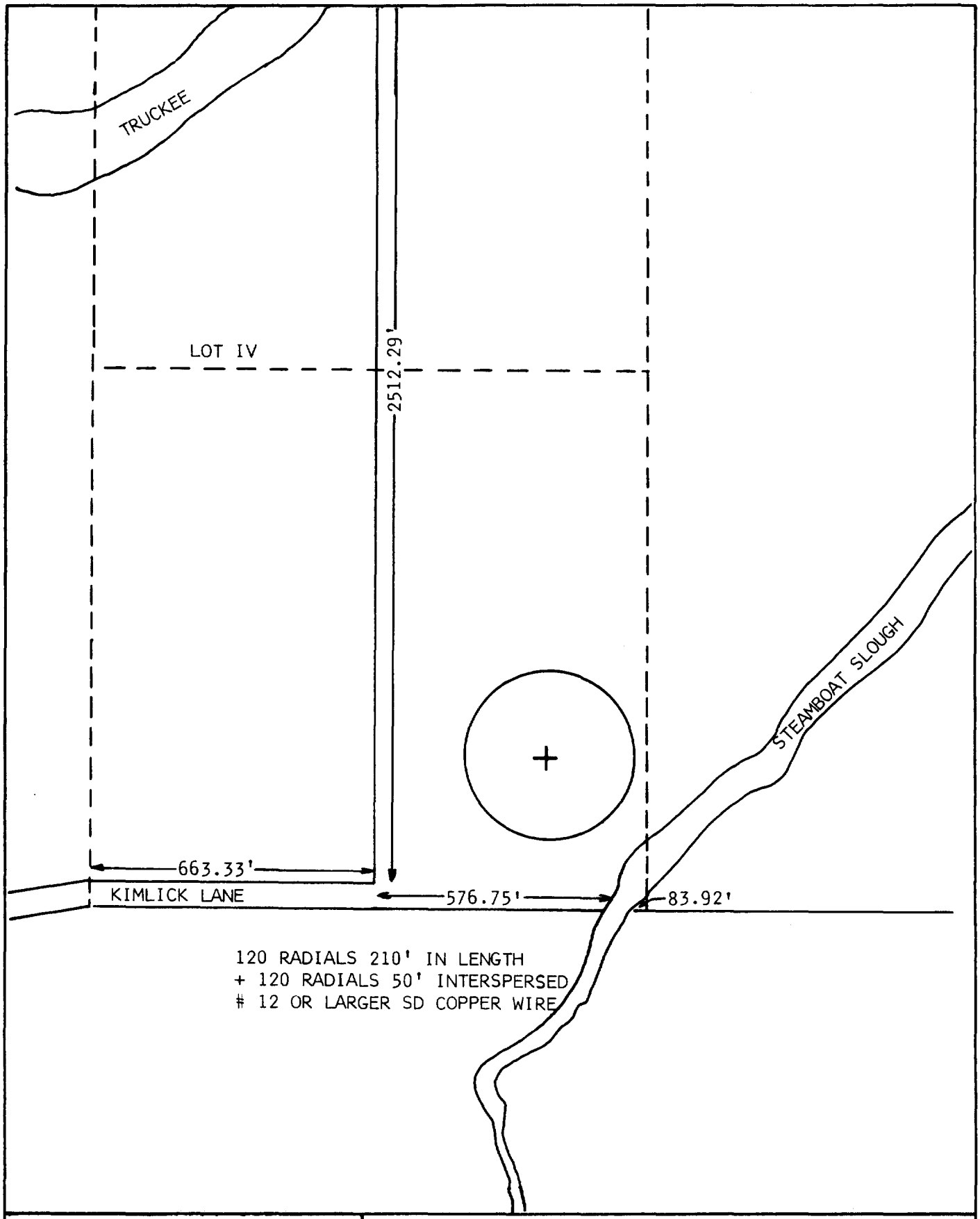
DO NOT REMOVE CARBONS



HATFIELD & DAWSON
CONSULTING ENGINEERS

EXHIBIT VA-9-A
VERTICAL PLAN SKETCH

KHTX SPARKS, NEVADA 9/87



HATFIELD & DAWSON
CONSULTING ENGINEERS

EXHIBIT VA-9B
PROPERTY PLOT PLAN

KHTX SPARKS, NEVADA 9/87

N

NE

E

SE

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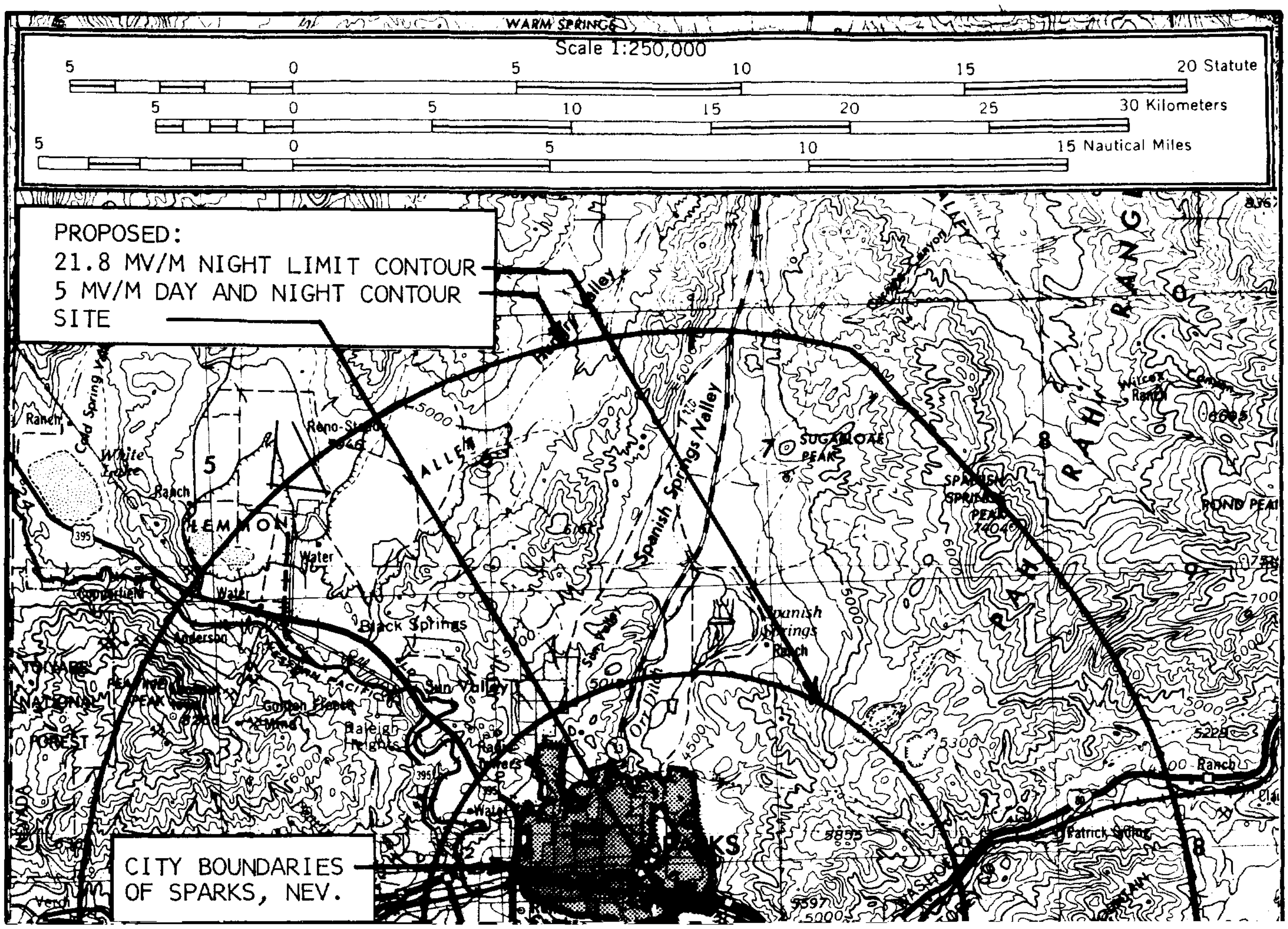
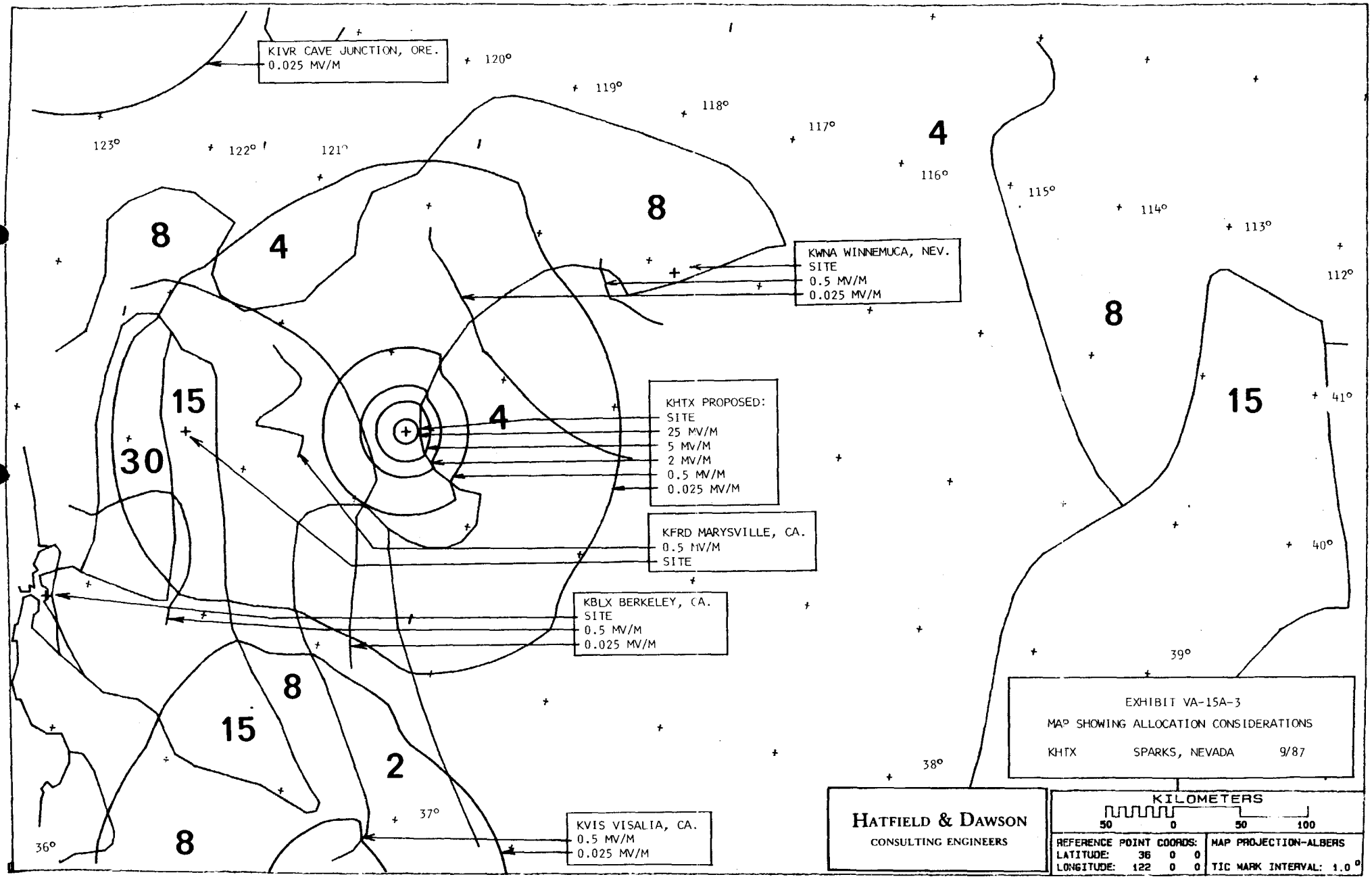
CONSULTING ENGINEERS

EXHIBIT VA-12
SITE PHOTOGRAPHS
KHTX SPARKS, NEVADA 9/87


S
SW


WARM SPRINGS
Scale 1:250,000
5 0 5 10 15 20 Statute
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles
PROPOSED:
21.8 MV/M NIGHT LIMIT CONTOUR
5 MV/M DAY AND NIGHT CONTOUR
SITE
CITY BOUNDARIES
OF SPARKS, NEV.
LEMMON
White Lake
Ranch
Reno-Stead
Black Springs
Sun Valley
Golden Valley
Raleigh Heights
Spanish Springs Valley
SUGARLOAF PEAK
SPANISH SPRINGS PEAK
Spanish Springs Ranch
Anderson
Patrick Spring
Wilcox Ranch
POND PEAK
TOIYABE NATIONAL FOREST
Orr Ditch
Cold Spring Valley
395

PROPOSED DAYTIME 2 MV/M CONTOUR
PROPOSED SITE
KILOMETERS
NAUTICAL MILES
STATUTE MILES
Sutcliffe
ANAHO ISLAND NATIONAL WILDLIFE REFUGE
NIXON
Constantia
BECKWOURTH PASS
Loyalton
SPARKS 254 SPK
HUSTOVER (Pvt) 4480 - 26
WOFFORD (Pvt) 4900 - 29
NEVADA FLYERS 4600 - 46 (Hazardous)
NICER
WADOS
Wadsw
Fernley
16°30'E
TRACEY PLANT
SPARKS
RENO
SFC
RENO CANNON INTL CT - 118.7
ATIS 125.8
FSS
Steamboat
VERDI
TRUCK
Hobart Mills
Floriston
Boca
Truckee
MUSTANG 117.9 CH 126 FMG
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 126.3 325.8
Silver Springs
microwave station
CHIME


KIVR CAVE JUNCTION, ORE.
0.025 MV/M
KWNA WINNEMUCA, NEV.
SITE
0.5 MV/M
0.025 MV/M
KHTX PROPOSED:
SITE
25 MV/M
5 MV/M
2 MV/M
0.5 MV/M
0.025 MV/M
KFRD MARYSVILLE, CA.
0.5 MV/M
SITE
KBLX BERKELEY, CA.
SITE
0.5 MV/M
0.025 MV/M
KVIS VISALIA, CA.
0.5 MV/M
0.025 MV/M
120°
119°
118°
117°
116°
115°
114°
113°
112°
123°
122°
121°
41°
40°
39°
38°
37°
36°
EXHIBIT VA-15A-3
MAP SHOWING ALLOCATION CONSIDERATIONS
KHTX SPARKS, NEVADA 9/87
HATFIELD & DAWSON
CONSULTING ENGINEERS
KILOMETERS
50 0 50 100
REFERENCE POINT COORDS:
LATITUDE: 36 0 0
LONGITUDE: 122 0 0
MAP PROJECTION-ALBERS
TIC MARK INTERVAL: 1.0°

KHTX: PROPOSED
COORDINATES: N 39 30 51 W 119 42 41
FREQUENCY: 1400 kHz

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
.0	420.00	8.0E	253.0	4.0E	500.0				
5.0	420.00	8.0E	260.9	4.0E	500.0				
10.0	420.00	8.0E	264.1	4.0E	500.0				
15.0	420.00	8.0E	28.5	4.0E	80.0	8.0E	267.8	4.0E	500.0
20.0	420.00	8.0E	19.4	4.0E	113.2	8.0E	273.7	4.0E	500.0
25.0	420.00	8.0E	17.1	4.0E	144.4	8.0E	281.8	4.0E	500.0
30.0	420.00	8.0E	15.4	4.0E	170.1	8.0E	291.5	4.0E	500.0
35.0	420.00	8.0E	14.1	4.0E	183.8	8.0E	304.2	4.0E	500.0
40.0	420.00	8.0E	13.1	4.0E	193.0	8.0E	313.4	4.0E	500.0
45.0	420.00	8.0E	12.3	4.0E	199.0	8.0E	314.7	4.0E	500.0
50.0	420.00	8.0E	11.7	4.0E	480.3	8.0E	500.0		
55.0	420.00	8.0E	11.2	4.0E	472.8	8.0E	500.0		
60.0	420.00	8.0E	10.8	4.0E	471.8	8.0E	500.0		
65.0	420.00	8.0E	10.6	4.0E	474.6	8.0E	500.0		
70.0	420.00	8.0E	10.4	4.0E	481.6	8.0E	500.0		
75.0	420.00	8.0E	10.3	4.0E	494.3	8.0E	500.0		
80.0	420.00	8.0E	10.3	4.0E	500.0				
85.0	420.00	8.0E	10.4	4.0E	495.0	15.0E	500.0		
90.0	420.00	8.0E	10.7	4.0E	468.4	15.0E	500.0		

KHTX: PROPOSED

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
95.0	420.00	8.0E	11.3	4.0E	467.8	15.0E	500.0		
100.0	420.00	8.0E	11.9	4.0E	476.6	15.0E	500.0		
105.0	420.00	8.0E	12.8	4.0E	488.9	15.0E	500.0		
110.0	420.00	8.0E	13.9	4.0E	496.1	15.0E	500.0		
115.0	420.00	8.0E	15.4	4.0E	491.7	15.0E	500.0		
120.0	420.00	8.0E	17.3	4.0E	62.8	8.0E	75.6	4.0E	481.6
		15.0E	500.0						
125.0	420.00	8.0E	20.0	4.0E	47.5	8.0E	81.3	4.0E	464.2
		8.0E	473.3	15.0E	500.0				
130.0	420.00	8.0E	86.6	4.0E	439.7	8.0E	520.9		
135.0	420.00	8.0E	88.6	4.0E	419.7	8.0E	500.0		
140.0	420.00	8.0E	90.5	4.0E	449.4	8.0E	500.0		
145.0	420.00	8.0E	90.8	4.0E	488.8	8.0E	500.0		
150.0	420.00	8.0E	89.2	4.0E	482.2	8.0E	500.0		
155.0	420.00	8.0E	87.3	4.0E	482.6	8.0E	500.0		
160.0	420.00	8.0E	83.8	4.0E	234.4	2.0E	404.1	4.0E	489.3
		8.0E	500.0						
165.0	420.00	8.0E	81.0	4.0E	170.3	2.0E	401.5	4.0E	500.0
170.0	420.00	8.0E	76.8	4.0E	121.9	2.0E	348.2	15.0E	356.9
		2.0E	373.1	8.0E	491.7	4.0E	500.0		
175.0	420.00	8.0E	73.6	4.0E	85.5	2.0E	245.8	8.0E	318.6
		15.0E	471.2	8.0E	500.0				

KHTX: PROPOSED

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.
180.0	420.00	8.0E 69.9 2.0E 213.3 8.0E 276.6 15.0E 288.8 8.0E 487.1 4.0E 500.0
185.0	420.00	8.0E 66.6 2.0E 190.2 8.0E 254.4 15.0E 285.2 8.0E 477.7 4.0E 500.0
190.0	420.00	8.0E 64.1 2.0E 175.8 8.0E 231.9 15.0E 283.3 8.0E 493.2 5000.0E 500.0
195.0	420.00	8.0E 63.3 2.0E 162.4 8.0E 218.9 15.0E 288.0 8.0E 462.5 5000.0E 500.0
200.0	420.00	8.0E 64.5 2.0E 148.3 8.0E 208.2 15.0E 293.2 8.0E 437.0 5000.0E 500.0
205.0	420.00	8.0E 69.2 2.0E 133.2 8.0E 198.5 15.0E 284.9 8.0E 356.6 15.0E 412.4 5000.0E 500.0
210.0	420.00	8.0E 75.2 2.0E 119.5 8.0E 188.1 15.0E 279.9 8.0E 341.2 15.0E 394.3 5000.0E 500.0
215.0	420.00	8.0E 86.4 2.0E 107.9 8.0E 177.1 15.0E 295.2 8.0E 341.0 5000.0E 500.0
220.0	420.00	8.0E 166.4 15.0E 299.1 30.0E 301.3 8.0E 350.5 5000.0E 500.0
225.0	420.00	8.0E 157.7 15.0E 203.6 30.0E 232.1 15.0E 296.4 30.0E 302.5 5000.0E 308.2 8.0E 337.4 5000.0E 500.0
230.0	420.00	8.0E 150.9 15.0E 191.1 30.0E 250.2 15.0E 291.2 30.0E 296.4 5000.0E 305.5 8.0E 320.4 5000.0E 500.0
235.0	420.00	8.0E 147.1 15.0E 184.1 30.0E 251.0 8.0E 276.4 5000.0E 296.5 30.0E 310.7 5000.0E 500.0
240.0	420.00	8.0E 144.7 15.0E 179.8 30.0E 237.6 8.0E 282.8 30.0E 322.5 5000.0E 328.4 30.0E 328.5 5000.0E 500.0

KHTX: PROPOSED

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
245.0	420.00	8.0E	143.5	15.0E	177.0	30.0E	231.3	8.0E	279.2
		30.0E	316.0	5000.0E	500.0				
250.0	420.00	8.0E	142.6	15.0E	177.3	30.0E	229.4	8.0E	280.3
		30.0E	320.9	5000.0E	500.0				
255.0	420.00	8.0E	141.9	15.0E	179.4	30.0E	229.3	8.0E	285.6
		30.0E	335.2	5000.0E	500.0				
260.0	420.00	8.0E	142.2	15.0E	182.8	30.0E	228.2	8.0E	297.7
		30.0E	352.5	5000.0E	500.0				
265.0	420.00	8.0E	143.6	15.0E	183.7	30.0E	226.4	8.0E	315.4
		4.0E	349.2	5000.0E	500.0				
270.0	420.00	8.0E	146.2	15.0E	186.0	30.0E	224.7	8.0E	260.5
		4.0E	352.1	5000.0E	500.0				
275.0	420.00	8.0E	154.6	15.0E	187.9	30.0E	224.2	8.0E	248.3
		4.0E	353.7	5000.0E	500.0				
280.0	420.00	8.0E	197.5	30.0E	212.8	8.0E	249.2	4.0E	378.2
		5000.0E	500.0						
285.0	420.00	8.0E	254.4	4.0E	411.1	5000.0E	500.0		
290.0	420.00	8.0E	267.1	4.0E	411.3	5000.0E	500.0		
295.0	420.00	8.0E	143.2	4.0E	186.2	8.0E	266.7	4.0E	410.0
		5000.0E	500.0						
300.0	420.00	8.0E	133.5	4.0E	194.0	8.0E	256.4	4.0E	421.5
		5000.0E	500.0						
305.0	420.00	8.0E	125.8	4.0E	199.0	8.0E	217.0	4.0E	459.0
		5000.0E	500.0						
310.0	420.00	8.0E	123.8	4.0E	500.0				
315.0	420.00	8.0E	126.4	4.0E	500.0				

KHTX: PROPOSED

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
320.0	420.00	8.0E	128.5	4.0E	500.0				
325.0	420.00	8.0E	131.7	4.0E	500.0				
330.0	420.00	8.0E	139.3	4.0E	278.5	8.0E	342.5	4.0E	500.0
335.0	420.00	8.0E	166.3	4.0E	290.6	8.0E	383.5	4.0E	500.0
340.0	420.00	8.0E	179.7	4.0E	318.0	8.0E	356.8	4.0E	500.0
345.0	420.00	8.0E	185.1	4.0E	500.0				
350.0	420.00	8.0E	198.3	4.0E	500.0				
355.0	420.00	8.0E	226.1	4.0E	500.0				

KIVR
COORDINATES: N 42 10 37 W 123 38 54
FREQUENCY: 1400 kHz

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
90.0	314.00	4.0E	152.9	8.0E	213.2	4.0E	500.0		
95.0	314.00	4.0E	150.7	8.0E	207.4	4.0E	338.8	8.0E	500.0
100.0	314.00	4.0E	152.2	8.0E	204.5	4.0E	316.8	8.0E	500.0
105.0	314.00	4.0E	165.7	8.0E	198.8	4.0E	310.7	8.0E	505.3
110.0	314.00	4.0E	308.0	8.0E	426.2	4.0E	500.0		
115.0	314.00	4.0E	293.6	8.0E	413.8	4.0E	500.0		
120.0	314.00	4.0E	299.3	8.0E	411.2	4.0E	500.0		
125.0	314.00	4.0E	316.0	8.0E	422.5	4.0E	500.0		
130.0	314.00	4.0E	317.7	8.0E	460.4	4.0E	483.7	8.0E	500.0
135.0	314.00	4.0E	317.0	8.0E	500.0				
140.0	314.00	4.0E 2.0E	217.5 500.0	8.0E	257.6	4.0E	309.0	8.0E	465.1
145.0	314.00	4.0E	204.1	8.0E	496.7	2.0E	500.0		
150.0	314.00	4.0E	203.8	8.0E	321.0	15.0E	454.5	8.0E	500.0
155.0	314.00	4.0E	209.7	8.0E	288.8	30.0E	467.3	15.0E	500.0
160.0	314.00	4.0E	264.9	8.0E	329.0	30.0E	487.9	15.0E	500.0
165.0	314.00	4.0E	307.4	8.0E	473.7	15.0E	500.0		
170.0	314.00	4.0E 30.0E	319.1 483.1	8.0E 5000.0E	381.7 500.0	30.0E	479.9	5000.0E	481.0
175.0	314.00	4.0E	328.9	8.0E	342.1	30.0E	409.5	5000.0E	500.0
180.0	314.00	4.0E	336.5	30.0E	370.9	5000.0E	500.0		

KVIS
COORDINATES: N 36 21 14 W 119 17 2
FREQUENCY: 1400 kHz

AZIMUTH	RADIATION (mV/m at one km)	GROUND CONDUCTIVITY DATA: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
.0	304.17	15.0E	41.1	2.0E	42.9	8.0E	81.4	2.0E	197.3
		4.0E	271.9	8.0E	324.7	4.0E	454.1	8.0E	500.0
5.0	304.17	15.0E	36.9	2.0E	52.4	8.0E	64.9	2.0E	173.4
		4.0E	288.3	8.0E	320.4	4.0E	497.1	8.0E	500.0
10.0	304.17	15.0E	33.7	2.0E	156.1	4.0E	500.0		
15.0	304.17	15.0E	31.2	2.0E	143.5	4.0E	500.0		
20.0	304.17	15.0E	29.3	2.0E	133.8	4.0E	500.0		
25.0	304.17	15.0E	27.8	2.0E	127.2	4.0E	500.0		
30.0	304.17	15.0E	26.6	2.0E	122.1	4.0E	500.0		
35.0	304.17	15.0E	25.8	2.0E	118.2	4.0E	500.0		
40.0	304.17	15.0E	25.1	2.0E	115.5	4.0E	500.0		
45.0	304.17	15.0E	24.7	2.0E	113.7	4.0E	500.0		
50.0	304.17	15.0E	24.5	2.0E	112.8	4.0E	500.0		
55.0	304.17	15.0E	24.4	2.0E	112.1	4.0E	524.7		
60.0	304.17	15.0E	24.0	2.0E	111.3	4.0E	500.7		
65.0	304.17	15.0E	23.7	2.0E	111.3	4.0E	479.4	15.0E	500.0
70.0	304.17	15.0E	23.6	2.0E	112.2	4.0E	441.3	15.0E	500.0
75.0	304.17	15.0E	23.7	2.0E	113.5	4.0E	383.2	15.0E	500.0
80.0	304.17	15.0E	24.0	2.0E	113.6	4.0E	240.4	8.0E	349.7
		15.0E	500.0						
85.0	304.17	15.0E	24.5	2.0E	114.7	4.0E	246.1	8.0E	355.1
		15.0E	500.0						