

## KVIS

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	304.17	15.0E 15.0E	23.9 500.0	2.0E	116.6	4.0E	252.2	8.0E	365.3
95.0	304.17	15.0E 15.0E	23.3 500.0	2.0E	117.8	4.0E	256.7	8.0E	374.0
100.0	304.17	15.0E 15.0E	22.9 500.0	2.0E	117.7	4.0E	256.9	8.0E	384.7
105.0	304.17	15.0E 15.0E	22.7 500.0	2.0E	108.5	4.0E	230.3	8.0E	406.0
110.0	304.17	15.0E 15.0E	22.7 500.0	2.0E	93.5	4.0E	207.1	8.0E	434.4
115.0	304.17	15.0E 15.0E	22.8 500.0	2.0E	82.6	4.0E	193.1	8.0E	465.1
120.0	304.17	15.0E 8.0E	23.1 490.9	8.0E 15.0E	23.5 500.0	2.0E	74.6	4.0E	182.6
125.0	304.17	15.0E 8.0E	23.3 450.4	8.0E 15.0E	43.0 500.0	2.0E	68.2	4.0E	174.4
130.0	304.17	15.0E 8.0E	23.7 425.1	8.0E 15.0E	55.7 500.0	2.0E	63.2	4.0E	169.1
135.0	304.17	15.0E 4.0E	24.3 352.5	8.0E 2.0E	64.0 414.5	4.0E 15.0E	166.2 500.0	8.0E	311.7
140.0	304.17	15.0E 4.0E	25.2 493.8	8.0E 15.0E	74.5 509.0	4.0E 4.0E	164.6 527.7	8.0E	280.4
145.0	304.17	15.0E 4.0E	26.2 502.1	8.0E	89.8	4.0E	164.3	8.0E	253.7
150.0	304.17	15.0E 4.0E	27.6 287.4	8.0E 8.0E	112.7 482.5	4.0E 3.0E	167.9 500.0	8.0E	229.2
155.0	304.17	15.0E 4.0E	29.4 266.8	8.0E 8.0E	127.5 307.3	4.0E 15.0E	173.4 355.0	8.0E 5000.0E	205.0 500.0

KVIS

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160.0	304.17	15.0E	32.0	8.0E	138.9	4.0E	226.2	8.0E	268.2
		15.0E	305.5	5000.0E	500.0				
165.0	304.17	15.0E	36.6	8.0E	154.9	4.0E	221.3	8.0E	261.9
		15.0E	267.0	5000.0E	500.0				
170.0	304.17	15.0E	43.3	8.0E	160.7	4.0E	218.2	8.0E	262.9
		5000.0E	500.0						
175.0	304.17	15.0E	53.5	8.0E	78.2	15.0E	110.9	8.0E	157.9
		4.0E	216.8	8.0E	251.3	5000.0E	500.0		
180.0	304.17	15.0E	119.3	8.0E	154.3	4.0E	217.1	8.0E	231.0
		5000.0E	500.0						
185.0	304.17	15.0E	120.9	8.0E	150.5	4.0E	218.6	5000.0E	500.0
190.0	304.17	15.0E	113.3	8.0E	145.9	4.0E	219.2	5000.0E	500.0
195.0	304.17	15.0E	101.7	8.0E	142.7	4.0E	204.7	8.0E	221.1

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		15.0E		8.0E		15.0E		8.0E	
240.0	304.17	15.0E	25.9	8.0E	185.6	5000.0E	500.0		
245.0	304.17	15.0E	24.2	8.0E	187.6	5000.0E	500.0		
250.0	304.17	15.0E	23.0	8.0E	194.1	5000.0E	500.0		
255.0	304.17	15.0E	22.0	8.0E	201.2	5000.0E	500.0		
260.0	304.17	15.0E	21.2	8.0E	205.2	5000.0E	500.0		
265.0	304.17	15.0E	20.7	8.0E	208.8	15.0E	215.8	5000.0E	500.0
270.0	304.17	15.0E	20.3	8.0E	177.8	15.0E	233.6	5000.0E	500.0
275.0	304.17	15.0E	20.1	8.0E	181.6	15.0E	237.9	5000.0E	500.0
280.0	304.17	15.0E	20.0	8.0E	195.0	15.0E	228.8	5000.0E	500.0
285.0	304.17	15.0E	20.0	8.0E	215.1	15.0E	232.4	5000.0E	500.0
290.0	304.17	15.0E	20.1	8.0E	295.2	5000.0E	500.0		
295.0	304.17	15.0E	20.5	8.0E	309.4	5000.0E	311.4	8.0E	313.8
		5000.0E	500.0						
300.0	304.17	15.0E	21.0	8.0E	147.6	15.0E	179.4	8.0E	221.9
		15.0E	286.0	30.0E	292.7	5000.0E	312.9	8.0E	327.0
		5000.0E	376.2	30.0E	376.6	5000.0E	500.0		
305.0	304.17	15.0E	21.7	8.0E	127.3	15.0E	322.1	30.0E	327.3
		5000.0E	342.0	30.0E	405.0	5000.0E	500.0		
310.0	304.17	15.0E	22.6	8.0E	112.6	15.0E	297.0	30.0E	318.0
		8.0E	388.0	30.0E	495.2	4.0E	502.9		
315.0	304.17	15.0E	23.8	8.0E	97.6	15.0E	263.9	30.0E	345.5
		8.0E	470.8	4.0E	500.0				
320.0	304.17	15.0E	25.3	8.0E	84.3	15.0E	283.6	30.0E	407.0
		8.0E	461.0	4.0E	500.0				
325.0	304.17	15.0E	27.3	8.0E	74.7	15.0E	194.9	8.0E	227.4
		15.0E	353.7	30.0E	453.3	8.0E	490.6	4.0E	500.0

## KVIS

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.							
330.0	304.17	15.0E	29.9	8.0E	72.8	15.0E	100.6	8.0E	329.4
		15.0E	427.7	8.0E	500.0				
335.0	304.17	15.0E	33.2	8.0E	457.3	4.0E	484.8	8.0E	500.0
340.0	304.17	15.0E	34.5	8.0E	182.7	2.0E	285.9	8.0E	445.1
		4.0E	500.0						
345.0	304.17	15.0E	35.8	8.0E	140.9	2.0E	295.7	8.0E	464.1
		4.0E	500.0						
350.0	304.17	15.0E	37.4	8.0E	112.7	2.0E	294.2	8.0E	500.0
355.0	304.17	15.0E	39.5	8.0E	94.5	2.0E	245.4	4.0E	276.7
		8.0E	500.0						

## KWNA

COORDINATES: N 40 57 23 W 117 42 48

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.							
180.0	314.00	8.0E	5.9	4.0E	500.0				
185.0	314.00	8.0E	6.3	4.0E	463.6	2.0E	500.0		
190.0	314.00	8.0E	6.8	4.0E	418.7	2.0E	500.0		
195.0	314.00	8.0E	7.4	4.0E	386.9	2.0E	500.7		
200.0	314.00	8.0E	8.2	4.0E	359.0	2.0E	438.3	8.0E	500.0
205.0	314.00	8.0E	9.1	4.0E	336.2	2.0E	412.7	8.0E	459.8
		15.0E	486.4	8.0E	500.0				
210.0	314.00	8.0E	10.3	4.0E	220.5	8.0E	275.1	4.0E	312.0
		2.0E	394.0	8.0E	440.6	15.0E	502.1		
215.0	314.00	8.0E	12.0	4.0E	228.6	8.0E	284.4	4.0E	290.9
		2.0E	380.5	8.0E	430.2	15.0E	500.0		

## KWNA

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.							
220.0	314.00	8.0E	14.6	4.0E	230.7	8.0E	287.7	2.0E	359.3
		8.0E	417.7	15.0E	500.0				
225.0	314.00	8.0E	18.7	4.0E	226.1	8.0E	398.1	15.0E	447.9
		30.0E	451.4	15.0E	500.0				
230.0	314.00	8.0E	26.3	4.0E	214.9	8.0E	380.9	15.0E	419.9
		30.0E	488.0	15.0E	500.0				
235.0	314.00	8.0E	41.2	4.0E	194.4	8.0E	370.9	15.0E	405.8
		30.0E	464.2	8.0E	500.0				
240.0	314.00	8.0E	41.8	4.0E	174.6	8.0E	360.0	15.0E	399.6
		30.0E	450.8	8.0E	500.0				
245.0	314.00	8.0E	42.8	4.0E	155.2	8.0E	352.4	15.0E	392.0
		30.0E	438.0	8.0E	500.0				
250.0	314.00	8.0E	44.2	4.0E	131.7	8.0E	377.0	15.0E	380.7
		30.0E	420.4	8.0E	485.5	4.0E	500.0		
255.0	314.00	8.0E	47.5	4.0E	111.0	8.0E	269.5	4.0E	342.2
		8.0E	430.5	4.0E	500.0				
260.0	314.00	8.0E	55.3	4.0E	90.0	8.0E	242.9	4.0E	342.6
		8.0E	424.3	4.0E	500.0				
265.0	314.00	8.0E	240.8	4.0E	346.4	8.0E	406.7	4.0E	500.0
270.0	314.00	8.0E	236.9	4.0E	500.0				

KBLX

COORDINATES: N 37 50 58 W 122 17 44

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.							
		30.0E	11.7	15.0E	20.2	8.0E	127.5	30.0E	209.7
.0	441.00	8.0E	312.4	4.0E	500.0				
5.0	441.00	30.0E	4.1	15.0E	21.2	8.0E	101.9	30.0E	221.8
		8.0E	313.5	4.0E	447.0	8.0E	482.9	4.0E	484.9
		8.0E	500.0						
10.0	441.00	30.0E	2.5	15.0E	22.5	8.0E	85.4	30.0E	195.1
		15.0E	211.6	8.0E	307.1	4.0E	431.6	8.0E	500.0
15.0	441.00	30.0E	1.8	15.0E	24.1	8.0E	71.1	30.0E	160.6
		15.0E	206.6	8.0E	254.0	4.0E	500.0		
20.0	441.00	30.0E	1.4	15.0E	26.2	8.0E	59.5	30.0E	145.2
		15.0E	206.0	8.0E	260.1	4.0E	500.0		
25.0	441.00	30.0E	1.2	15.0E	28.0	8.0E	49.3	30.0E	134.8
		15.0E	187.5	8.0E	286.3	4.0E	347.8	8.0E	405.9
		4.0E	500.0						
30.0	441.00	30.0E	1.2	15.0E	28.4	8.0E	38.7	30.0E	126.1
		15.0E	170.8	8.0E	500.0				
35.0	441.00	30.0E	1.1	15.0E	29.1	8.0E	32.0	30.0E	117.6
		15.0E	158.1	8.0E	500.0				
40.0	441.00	30.0E	1.1	15.0E	30.4	30.0E	111.0	15.0E	150.7
		8.0E	500.0						
45.0	441.00	30.0E	1.0	15.0E	32.5	30.0E	105.9	15.0E	144.9
		8.0E	325.7	4.0E	480.7	8.0E	500.0		
50.0	441.00	30.0E	1.0	15.0E	35.1	30.0E	101.8	15.0E	140.6
		8.0E	301.2	4.0E	500.0				

## KBLX

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.							
		30.0E	1.0	15.0E	38.6	30.0E	97.0	15.0E	136.3
55.0	441.00	8.0E	298.7	4.0E	500.0				
60.0	441.00	30.0E	1.0	15.0E	43.2	30.0E	93.2	15.0E	133.2
		8.0E	188.0	2.0E	247.1	8.0E	316.2	4.0E	500.0
65.0	441.00	30.0E	1.0	15.0E	49.5	30.0E	90.4	15.0E	131.1
		8.0E	182.8	2.0E	254.0	4.0E	264.7	8.0E	319.7
		4.0E	500.0						
70.0	441.00	30.0E	1.0	15.0E	58.5	30.0E	88.4	15.0E	130.1
		8.0E	180.8	2.0E	253.4	4.0E	500.0		
75.0	441.00	30.0E	1.0	15.0E	72.1	30.0E	87.2	15.0E	131.3
		8.0E	181.0	2.0E	255.8	4.0E	500.0		
80.0	441.00	30.0E	1.0	15.0E	133.8	8.0E	185.3	2.0E	260.6
		4.0E	500.0						
85.0	441.00	30.0E	1.0	15.0E	138.0	8.0E	194.0	2.0E	271.9
		4.0E	500.0						
90.0	441.00	30.0E	1.1	15.0E	147.7	8.0E	208.6	2.0E	286.5
		4.0E	500.0						

## KRFD

COORDINATES: N 39 8 18 W 121 33 15

FREQUENCY: 1410 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.							
		8.0M	23.0	15.0E	30.9	8.0E	350.7	4.0E	500.0
30.0	943.71								
37.0	942.42	8.0M	23.0	15.0E	27.8	8.0E	379.7	4.0E	500.0
50.0	928.34	15.0E	24.2	8.0E	452.6	4.0E	500.0		

KRFD

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.							
-----									
67.0	875.16	5.0M	33.0	3.0M	67.0	8.0E	178.8	4.0E	500.0
70.0	860.84	5.0M	33.0	3.0M	67.0	8.0E	175.2	4.0E	500.0
77.0	821.41	10.0M	34.0	8.0E	175.3	4.0E	500.0		
90.0	727.39	15.0E	22.7	8.0E	225.2	4.0E	500.0		

MILES FROM ANTENNA

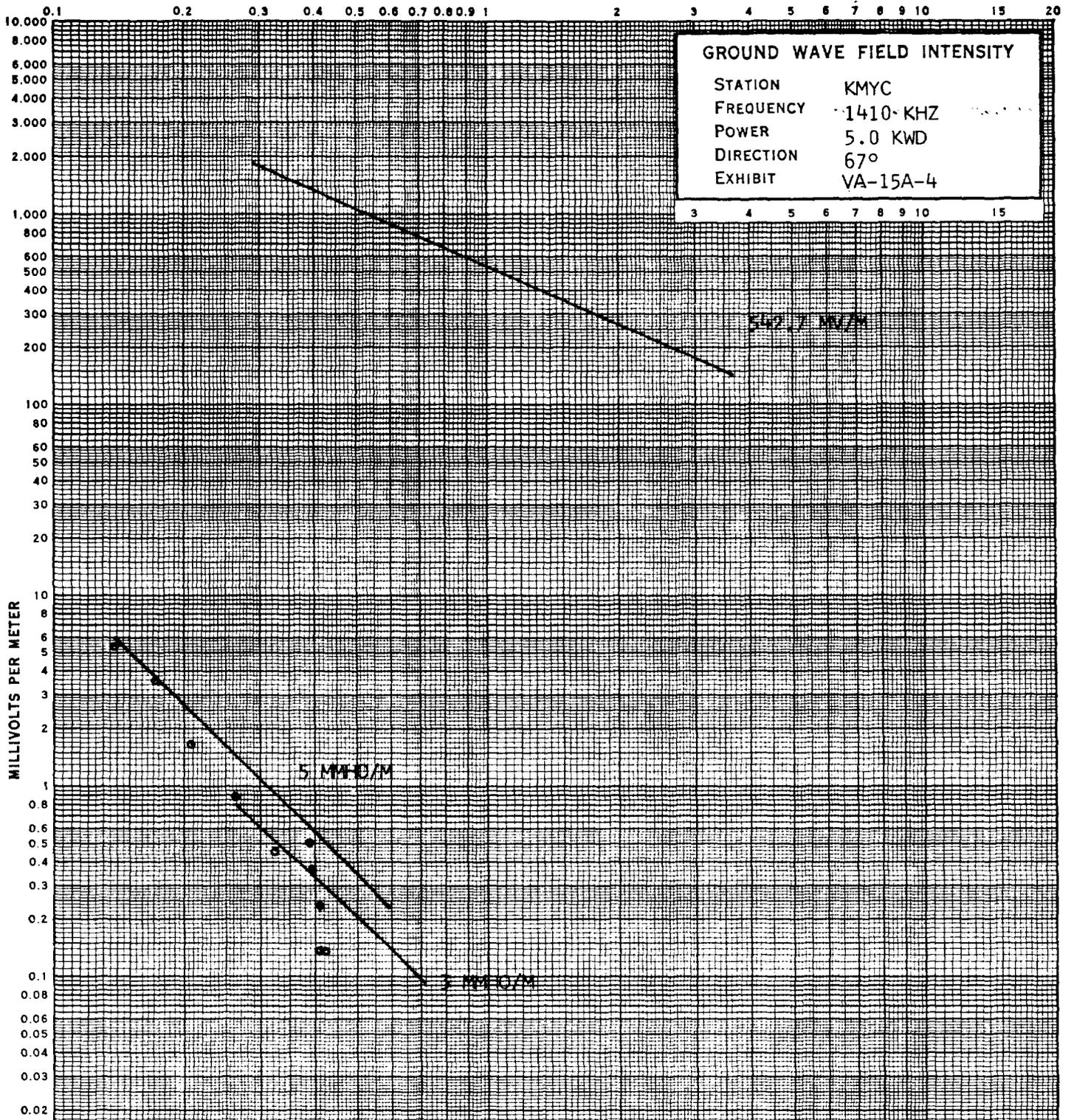


EXHIBIT VA-15C

KMYC Marysville, CA Daytime DA  
FIELD STRENGTH MEASUREMENT DATA SHEET

AZIMUTH 067°

5 KW Daytime Directional Antenna Pattern

DISTANCE	DATE	TIME	FIELD MV/M
13.65	9/15	1340(PM)	5.5
17.2	"	1355	3.6
20.7	"	1430	1.7
26.3	"	1522	0.9
32.4	"	1600	0.46
39.1	"	1636	0.52
39.4	9/16	1411	0.37
40.7	"	1427	0.24
40.9	"	1420	0.14
41.7	"	1445	0.14

Measurement data obtained by Fred Giles, Chief Operator of KTRT. Data obtained with a Potomac Instruments FIM-41 instrument owned by KXOA, and believed to be in proper calibration.

KMYC. DAY DA SURVEY



EXHIBIT VA-15C (CONT'D)

KMYC DAY DA SURVEY



## KMYC Day DA Proof-of-Performance

## Field Intensity Measurements

37° Radial.

Measurement Location	Distance	Field Intensity
1	.6	720 mv/m
2	.8	481
3	.9	542
4	1.1	395
5	1.4	290
6	1.6	251
7	2.2	210
8	2.5	177
9	2.95	145
10	3.55	110
11	3.92	76
12	4.65	66
13	6.7	47
14	8	25
15	9	20
16	9.8	15
17	10.4	13.5
18	11.4	8.8
19	12.9	7.2
20	14.4	6.5

EXHIBIT VA-15C (CONT'D)

77° Radial

Measurement Location	Distance	Field Intensity
1	.4 mi	1160 mv/m
2	.87	555
3	1.15	391
4	1.72	222
5	2.77	140
6	3.29	105
7	3.75	96
8	4.3	65
9	5.4	49
10	6.5	29
11	6.5	30
12	8.5	17.8
13	10	20
14	11	18.3
15	11.8	18
16	12.5	12.5
17	14	10.2
18	18.8	3.7
19	21	2.6

EXHIBIT VA-15C (Cont'd)

KHTX SPARKS, NEVADA

CALCULATIONS OF NIGHTTIME INTERFERENCE FREE CONTOUR

Zone A (0-60 miles): none

Zone B (60-80 miles): none

Zone C (80-100 miles): none

Zone D (100-250 miles): 5 @ (0.102)= 0.512 mV/m

(1) KQMS Redding, Ca.: 252 km/ 156 mi.

(2) KUKI Ukiah, Ca.: 305 km/ 189 mi.

(3) KBLX Berkeley, Ca.: 291 km/ 181 mi.

(4) KVIS Visalia, Ca.: 353 km/ 219 mi.

(5) KWNA Winnemucca, Nev.: 234 km/ 145 mi.

Zone E (250-350 miles): 5 @ (0.078)= 0.392 mV/m

(1) KTLW San Luis, Obispo, Ca.: 479 km/ 298 mi.

(2) KJDY John Day, Ore.: 549 km/ 341 mi.

(3) KIVR Cave Junction, Ore.: 445 km/ 276 mi.

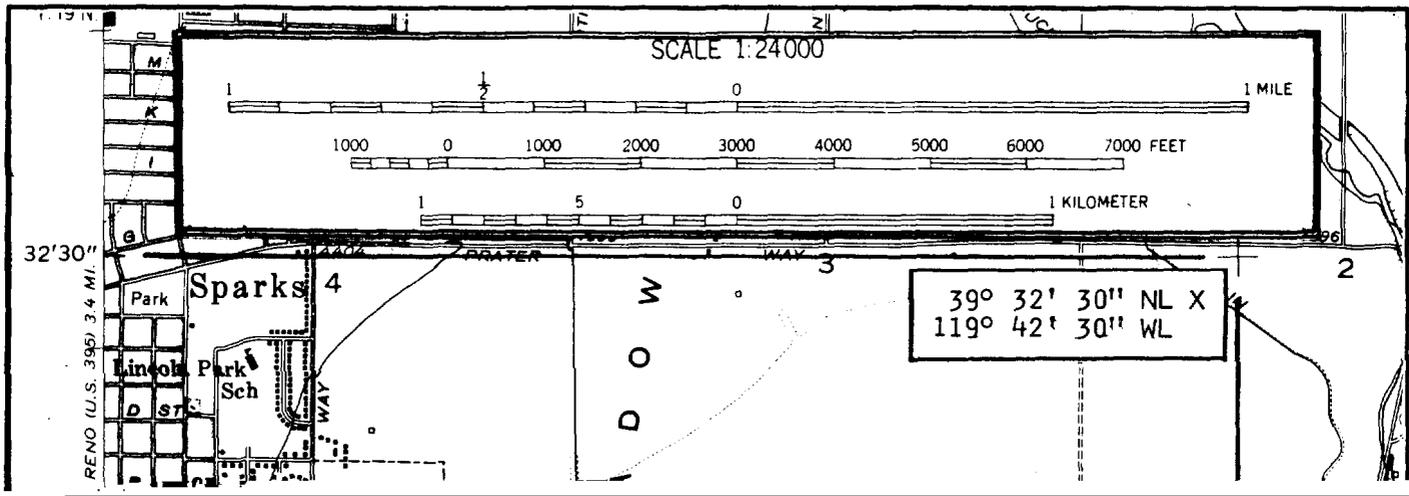
(4) KART Jerome, Id.: 562 km/ 349 mi.

(5) KNND Cottage Grove, Ore.: 551 km/ 342 mi.

Zone F (350-450 miles): 5 @ (0.058) = 0.288 mV/m

(1) KCZN Santa Paula, Ca.: 578 km/ 359 mi.

(2) KBCH Lincoln City, Ore.: 703 km/ 437 mi.



Section V-A AM ENGINEERING DATA

For Commission Use Only  
File No. \_\_\_\_\_  
ASB Referral Date \_\_\_\_\_  
Referred by \_\_\_\_\_

Name of Applicant

AMERICOM

1. Purpose of Application: (check all appropriate boxes)

- Construct new station
- Make changes in authorized/existing station      Call Sign KHTX
- Principal authorized/licensed community
- Frequency       Hours of Operation
- Power       Transmitter location
- Main studio location outside boundaries of principal community - not at transmitter location
- Antenna system (including increase in height by addition of FM or TV antenna)
- New antenna construction
- Alteration of existing antenna structure
  - Increase height       Decrease height
  - Non-DA to DA       DA to Non-DA
- Other (Summarize briefly the nature of the changes proposed.)

2. Principal community to be served:

State	County	City or Town
<u>NV</u>	<u>WASHOE</u>	<u>SPARKS</u>

3. Facilities Requested:

Frequency: 1400 kHz      Hours of Operations: UNLIMITED

Power: Night: 1.0 kW      Day: 1.0 kW      Critical Hours: 1.0 kW

4. Transmitter location:

State	County	City or Town
<u>NV</u>	<u>STOREY</u>	<u>SPARKS</u>

Exact antenna location (street address). If outside city limits, give name of nearest town and distance (in kilometers), and direction of antenna from town.

TRANSMITTER LOCATED 4 KM, 135° T, FROM SPARKS, NEVADA.

Geographical coordinates (to nearest second). For directional antenna give coordinates of center of array. For single vertical radiator give tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude and West Longitude will be presumed.

Latitude 39° 30' 51"      Longitude 119° 42' 41"

5. Is the proposed site the same transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission?  Yes  No

If Yes, indicate call sign or application file number: DNA

6. Antenna system (including ground or counterpoise system)

Non-Directional  Day  Night  Critical Hours

Estimated efficiency 420.0 mV/m per kW at one kilometer

If antenna is either top loaded or sectionalized, describe fully in an Exhibit. (Include apparent electrical height.) DNA Exhibit No.

- Directional  Day only (DA-D)  Night only (DA-N)  
 Same constants and power day and night (DA-1)  
 Different constants and/or power day and night (DA-2)  
 Different constants and/or power day, critical hours and night (DA-3)

Submit complete engineering data in accordance with §73.150 of the Commission's Rules for each Directional antenna pattern proposed.

Type of feed circuits (excitation):  
 Series Feed  Shunt Feed  Other (explain)

Towers (in meters, rounded to nearest meter)	1	2	3	4	5	6
Overall height of radiator above base insulator, or above base, if grounded	<u>122</u>	_____	_____	_____	_____	_____
Overall height above ground (include obstruction lighting)	<u>123</u>	_____	_____	_____	_____	_____
Overall height above mean sea level (include obstruction lighting)	<u>1458</u>	_____	_____	_____	_____	_____

If additional towers, attach information exactly as it appears above.

7. 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. VA-7 Exhibit No.

Date 9/16/87 Office where filed WESTERN-PACIFIC REGIONAL

8. List all landing areas within 8 kilometers of antenna site. Give distances and direction to nearest boundary of each landing area from the antenna site.

Landing Area	Distance (km)	Direction
(a) <u>RENO AIRPORT</u>	<u>4.2 KM</u>	<u>270° T</u>
(b) _____	_____	_____
(c) _____	_____	_____

9. Attach as an Exhibit a description and vertical plan sketch (including supporting buildings, if any) of the proposed structure, giving heights above ground, in meters, for all significant features. Clearly indicate existing portions, noting lighting, and distinguishing between the skeletal or other main supporting structure and the antenna elements. If a directional antenna, give spacing and orientation of towers. Exhibit No.  
VA-9-A

If not fully described above, attach as an Exhibit further details and dimensions, including any other antennas mounted on tower and associated isolation circuits. Exhibit No.  
DNA

Attach as an Exhibit, a plat of the transmitter site clearly showing boundary lines, roads, railroads, other obstructions, and the ground system or counterpoise. Show number and dimensions of ground radials or, if a counterpoise is used, show heights and dimensions. Exhibit No.  
VA-9-B

10. Will the main studio be located within the boundaries of the principal community to be served or at the transmitter location?  Yes  No

If No, attach as an Exhibit a justification pursuant to §73.1125 of the Commission's Rules. Exhibit No.  
DNA

11. Is there a remote control location?  Yes  No

If Yes, submit the following:

State	County	City or Town
_____	_____	_____

Street address (or other identification) \_\_\_\_\_

12. Attach as an Exhibit a sufficient number of aerial photographs taken in clear weather at appropriate altitudes and angles to permit identification of all structures in the vicinity. The photographs must be marked so as to show compass directions, exact boundary lines of the proposed site, and locations of the proposed 1000 mV/m contour for both day and night operation. Photographs taken in eight different directions from an elevated position on the ground will be acceptable in lieu of aerial photographs if the data referred to can be clearly shown. Exhibit No.  
VA-12

13. Is the population within the 1 V/m (1000 mV/m) contour less than 300 persons or less than 1.0 percent of the population within the 25 mV/m contour?  Yes  No

If No, attach as an Exhibit a justification pursuant to Section 73.24(g) of the Commission's Rules. Exhibit No.  
DNA

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

Would a Commission grant of this application come within §1.1307 of the Commission's 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.  
DNA

If No, explain briefly why not.  
 PROPOSED TOWER WILL BE LOCATED IN A RURAL AREA DESIGNATED FOR ANTENNA USE AND WILL NOT BE LOCATED IN OR NEAR A WILDERNESS AREA, WILDLIFE PRESERVE, FLOODPLAIN OR AN AREA OF HISTORIC OR CULTURAL SIGNIFICANCE. ALSO, USING THE STANDARDS SET FORTH IN OST-65, THE ANSI RADIATION STANDARD WILL NOT BE EXCEEDED WITHIN 3 METERS AND A FENCE WILL BE CONSTRUCTED AROUND THE SITE.

15. Allocation Studies \* NOTE: CURRENT CONTOURS ON FILE  
A. Daytime (For assistance, see §73.37 of the Commission's Rules.)

(1) For daytime operation, attach as an Exhibit map(s) having appropriate scales, showing the 1000, 5, 2 and 0.5 (0.1, if Class I station) daytime contours in mV/m for both existing and proposed operations. On the map(s) showing the 5 mV/m contours CLEARLY INDICATE THE LEGAL BOUNDARIES OF THE PRINCIPAL COMMUNITY TO BE

Exhibit No

## C. Nighttime. (For assistance, see §73.182 of the Commission's Rules.)

- (1) For nighttime operation, attach as an Exhibit map(s) having appropriate scales, showing the 1000 and 5 mV/m contours (RSS nighttime interference-free contour if it is greater than 5 mV/m) for both existing and proposed operations. On the map(s) showing the interference-free contours, **CLEARLY INDICATE THE LEGAL BOUNDARIES OF THE PRINCIPAL COMMUNITY TO BE SERVED.** \* Exhibit No.  
VA-15A-1,2,-16

- (2) Does the nighttime 5 mV/m contour (RSS nighttime interference-free contour if it is greater than 5 mV/m) encompass the legal boundaries of the principal community to be served? X Yes      No

If No, attach as an Exhibit justification or exemption pursuant to §73.24(j) of the Commission's Rules. Exhibit No.  
DNA

- (3) For nighttime operation, attach as an Exhibit allocation data including the following:

- (a) Proposed nighttime limitation to other existing or proposed stations with which objectionable interference could result, as well as those other proposals and existing stations which require study to show clearly absence of objectionable interference.
- (b) All existing or proposed nighttime limitations which enter in to the nighttime RSS limitation of each of the existing or proposed facilities investigated under (3)(a) above.
- (c) All existing and proposed limitations which contribute to the RSS nighttime limitation of the proposed operation, together with those limitations which must be studied before being excluded.
- (d) A detailed interference study plotted upon an appropriate scale map if a question exists with respect to nighttime interference to other existing or proposed facilities along bearing other than on a direct line toward the facility considered.
- (e) The detailed basis for each nighttime limitation calculated under (3)(a), (b), (c) and (d) above.

16. Attach as an Exhibit a map (7.5 minute U.S. Geological Survey topographic quadrangles if available) of the proposed antenna location showing the following information: Exhibit No.  
VA-16

- A. Proposed transmitter location accurately plotted with the latitude and longitude lines clearly marked and showing a scale of kilometers.
- B. Heights of buildings or other structures and terrain elevations in the vicinity of the antenna, indicating the location thereof.
- C. Transmitter location and call signs of non-broadcast radio stations (except amateur and citizens band), established commercial and government receiving stations in the general vicinity which may be adversely affected by the proposed operation.
- D. Transmitter location and call letters of all AM, FM and TV broadcast stations within three (3) kilometers of the proposed antenna location.

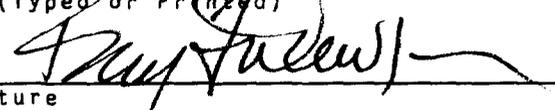
CERTIFICATION

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

September 16, 1987  
Date

(206) 783-9151  
Telephone No.  
(including area code)

Benjamin F. Dawson III, P.E.  
Name (Typed or Printed)

  
Signature

Consulting Engineer  
Relationship to Applicant  
(e.g. Consulting Engineer)

Hatfield & Dawson  
Address (Include ZIP Code)

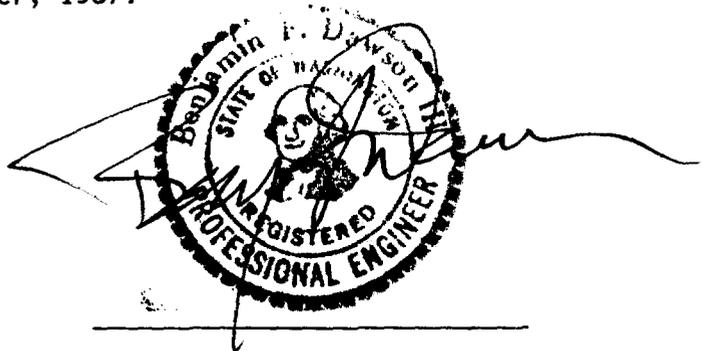
4226 6th Ave. N.W.

Seattle, WA 98107

6. Statement of Engineer

This Engineering Report, relative to a proposed change of transmitter site for KHTX has been prepared under my direct supervision. All representations contained herein are true to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am a partner in the firm of Hatfield and Dawson Consulting Engineers and am registered as a Professional Engineer in the States of Washington and California.

Signed this 16th day of September, 1987.



Benjamin F. Dawson III, P.E.

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

November 7, 1986

IN REPLY REFER TO:

8910-JS

Americom, A California Limited Partnership  
6255 Sunset Boulevard  
Suite 1901  
Los Angeles, California 90028

In re: Americom, A California Limited Partnership  
KHTX, Truckee, California  
File No. BMP-860421AB

Dear Sirs:

This is in reference to your petition for reconsideration of our action of March 19, 1986, denying your request for waiver of Section 73.24(j) of our Rules and dismissing, as a result, your application to relocate transmitter site (BMP-850130AD).

In your petition, you cite an alleged belief in an available alternative site referred to in footnote 1 of the March 19, 1986 dismissal letter as one basis of the Bureau's action. The Bureau in no way intended to suggest in footnote 1, however, that a particular site was available. Rather, it intended simply to demonstrate the connection of the geographic coordinates in KHTX's various applications.

In reference to your documentation that no other sites are available, a consideration that you correctly cite as the basis of the Bureau's decision, you describe what you contend are the only three sites in the Truckee region which are zoned for radio towers and discuss the problems you have encountered with each: Site 1, the original site from which KHTX was evicted; Site 2, the present site which necessitates a waiver of Section 73.24(j), as the proposed nighttime interference-free contour would provide no coverage (0 percent) to Truckee; and Site 3, one for which KHTX has a construction permit but no local permission to build.

You argue that the Commission should reconsider its dismissal of your construction permit for Site 2 and grant a waiver of 73.24(j), as no other site is available. However, you also state that KHTX is seeking to reopen the question of the validity of the building permit for Site 3, and that the planning board may be persuaded to overrule the homeowner's objections to your building on the site.

You have not demonstrated, in fact, that no other site is available nor have you addressed other possible alternatives such as changing community of license. Under these circumstances, we find that you have failed to justify