

## **Exhibit 15**

### **Allocation Narrative**

The allocation situation for the proposed station is reported on the following pages. A complete explanation of how to read the printout is shown on the page after the tabulation. Summarizing the explanation, each group of lines represents an existing or proposed full service station. Entries which have a negative number in the columns marked \*IN\* or \*OUT\* could cause interference with the proposed station.

None of the stations listed in the printout has negative values in the \*IN\* and \*OUT\* columns. This indicates that no potential for interference occurs on the line directly between the proposed facility and any of those stations where both numbers are positive.

The proposed station has been exhaustively evaluated to certify the protection of each of the stations in the tabulation where the \*IN\* or \*OUT\* contour separation is significant. In each case, a digitally generated map is provided showing the appropriate protected (thin line) and interfering (thick line) contours. In cases where the map is also inconclusive, the value of the interfering signal is tabulated along the protected contour. It is shown to not exceed the mandated value at any point on the protected contour. That tabulation is also appended to the exhibit in those cases. Since there is no point on the protected contour where the interfering signal strength exceeds the mandated value, no contour overlap exists, and no area of interference is predicted.

#### **NCE Stations**

The first line in the printout is the application being modified. It is being superseded by this application and will not coexist with it. Hence it need not be protected by this application.

Maps are sufficient to show no prohibited contour overlap exists with the remaining NCE stations (Boise/Middleton MX group and KBSY).

#### **IF Spacings**

No IF spaced stations were found in the search.

#### **TV6 Protection**

Protection for TV channel 6 stations KIVI and KPVI is shown in Exhibit 18.

#### **Class Contour Distance**

The proposed ERP is 100 kW, and the HAAT is 303.0 meters (8 radials). This is therefore an application for a class C0 station.

#### **Summary**

**This allocation study shows that no interference to any existing or proposed station will be produced by granting the proposed modification. It can therefore proceed to be granted.**

Exhibit 15

KEFX

REFERENCE CH# 205C0 - 88.9 MHz, Pwr= 100 kW, HAAT=303.0 M, COR= 1475 M DISPLAY DATES  
 42 43 47 N Average Protected F(50-50)= 72.61 km DATA 12-13-02  
 114 24 52 W Ave. F(50-10) 40 dBu= 172.3 54 dBu= 105.4 80 dBu= 33.9 100 dBu= 10.2 SEARCH 12-21-02

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
205C Twin Falls	KEFX	LIC DV ID	0.0 180.0	0.00 BLED20010227AAI	42 43 47 114 24 52	100.000 302	1475 172.2	72.5 Calvary Chapel Of Twin Fal	-244.80<	-244.83<
204C1 Boise	*930423	APP CN ID	310.5 130.5	177.95 BPED19930423MA	43 45 18 116 05 52	3.000 835	2200 93.0	62.9 People Of Action	11.62	8.73
> Reference HAAT at 310.5°= 312.7 M, Pwr= 100.0 kW, Pro. Dist. = 73.34 km, Int Dist. = 106.35 km										
204C1 Middleton	*931206	APP CN ID	310.5 130.5	177.95 BPED19931206MB	43 45 18 116 05 52	5.000 809	2174 99.3	67.5 Southern Idaho Corporation	5.35	4.11
> Reference HAAT at 310.5°= 312.7 M, Pwr= 100.0 kW, Pro. Dist. = 73.34 km, Int Dist. = 106.35 km Amended 941123										
204C1 Boise	*931207	APP CN ID	310.5 130.5	177.95 BPED19931207MD	43 45 18 116 05 52	3.000 835	2200 93.0	62.9 Calvary Chapel Of Twin Fal	11.62	8.73
> Reference HAAT at 310.5°= 312.7 M, Pwr= 100.0 kW, Pro. Dist. = 73.34 km, Int Dist. = 106.35 km										
206C1 Boise	*931207	APP DCX ID	280.2 100.2	189.58 BPED19931207MD	43 00 25 116 42 13	3.642 939	2463 99.4	67.4 Calvary Chapel Of Twin Fal	15.10	12.81
> Reference HAAT at 280.2°= 336.4 M, Pwr= 100.0 kW, Pro. Dist. = 75.08 km, Int Dist. = 109.42 km										
203C3 Burley	*KBSY	LIC VN ID	117.2 297.2	88.80 BLED19980925KE	42 21 42 113 27 17	0.440 672	2187 1.5	39.5 Idaho State Board Of Educa	50.45	46.43
> Reference HAAT at 117.2°= 274.5 M, Pwr= 2.5 kW, Pro. Dist. = 36.88 km, Int Dist. = 2.9 km Vertical Polarization Only										
06Z2C Nampa	KIVI	CP HN ID	310.5 130.5	178.05 BPCT20001006ABP	43 45 21 116 05 54	56.000 857	2240 0.0	131.6 Journal Broadcast Corporat	To Grd B=	46.45

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 "\*" = ERP and HAAT on direct line to and from reference station. "<" = Contour Overlap

## HOW TO READ THE FM COMPUTER PRINT-OUT

The computer print-out should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

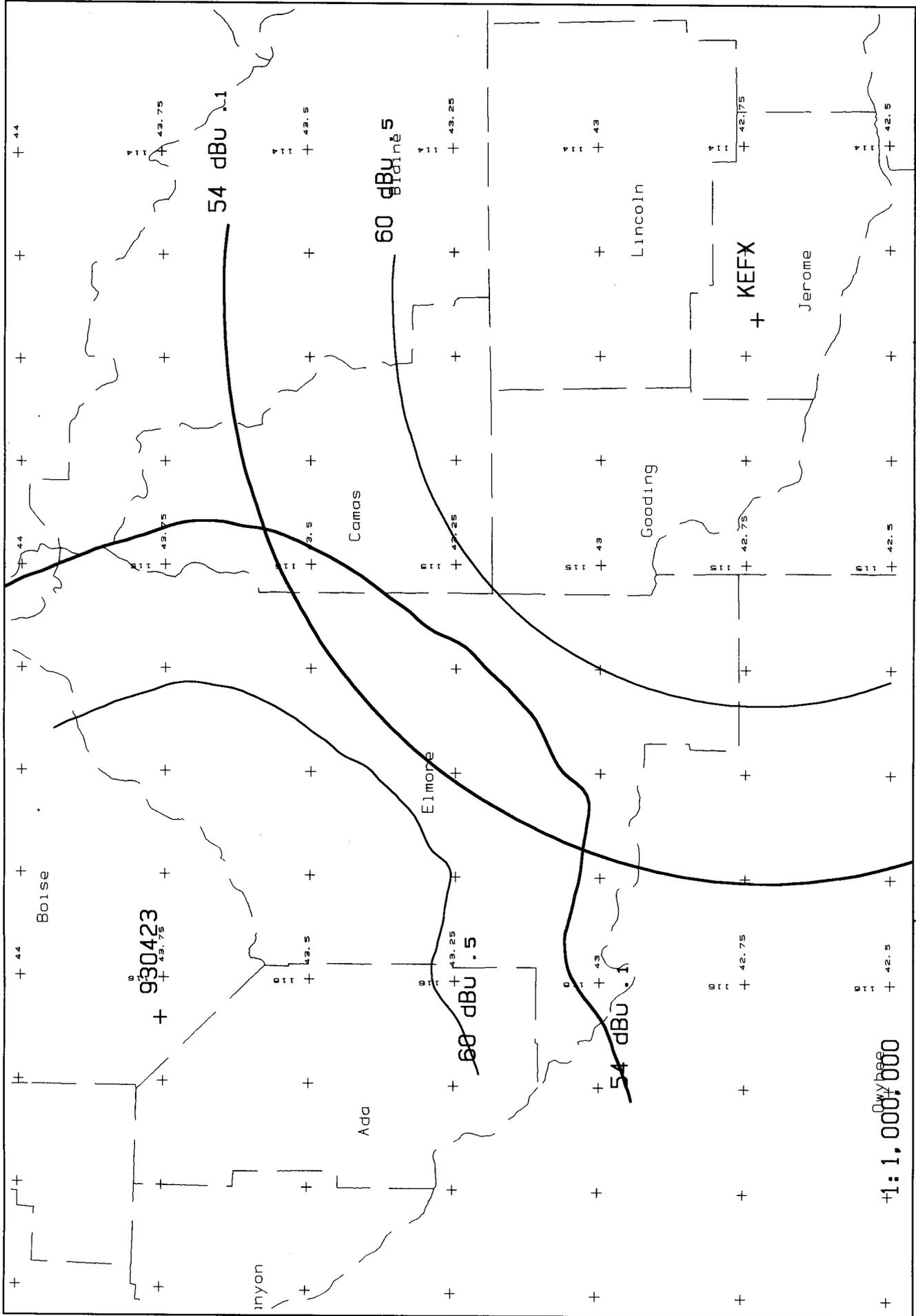
The column listed "**\* IN \***" is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights along the azimuths between the reference station and the database station are used and visa versa. The column labeled "**\* OUT \***" shows the distance of kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing interference.

For I.F., commercial, international and other spacing based relationships, the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum required distance in kilometers, while the letter "M" in the next column follows the available clear space separation in kilometers or "Margin". Minimum commercial separation distances were taken from Sec 73.207 of the rules as amended. This procedure is also used for all Canadian and Mexican spacing. Canadian separation distances were derived from the "Canadian/American Working Agreement".

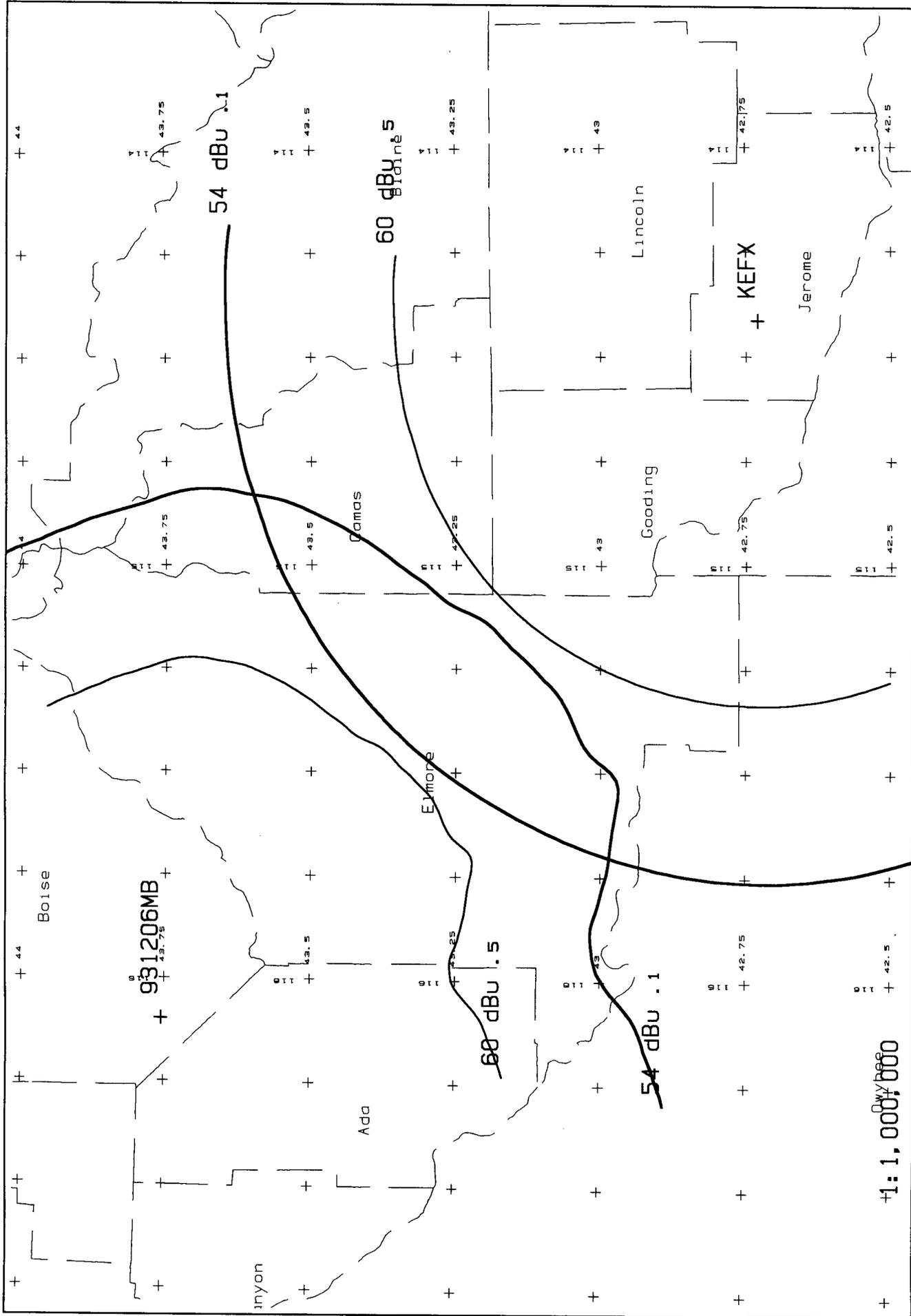
Under the "BEARING" column, the first row of numbers indicate the bearings from true north of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

The columns labeled "INT" and "PRO" hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

The first three letters of the "TYPE" column identify the current F.C.C. status of the stations. The fourth letter will be a "D" or "Z" (Sec. 73.215) if the facility is directional. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a 'Y' if the antenna uses beam tilt.

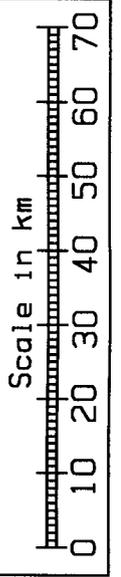


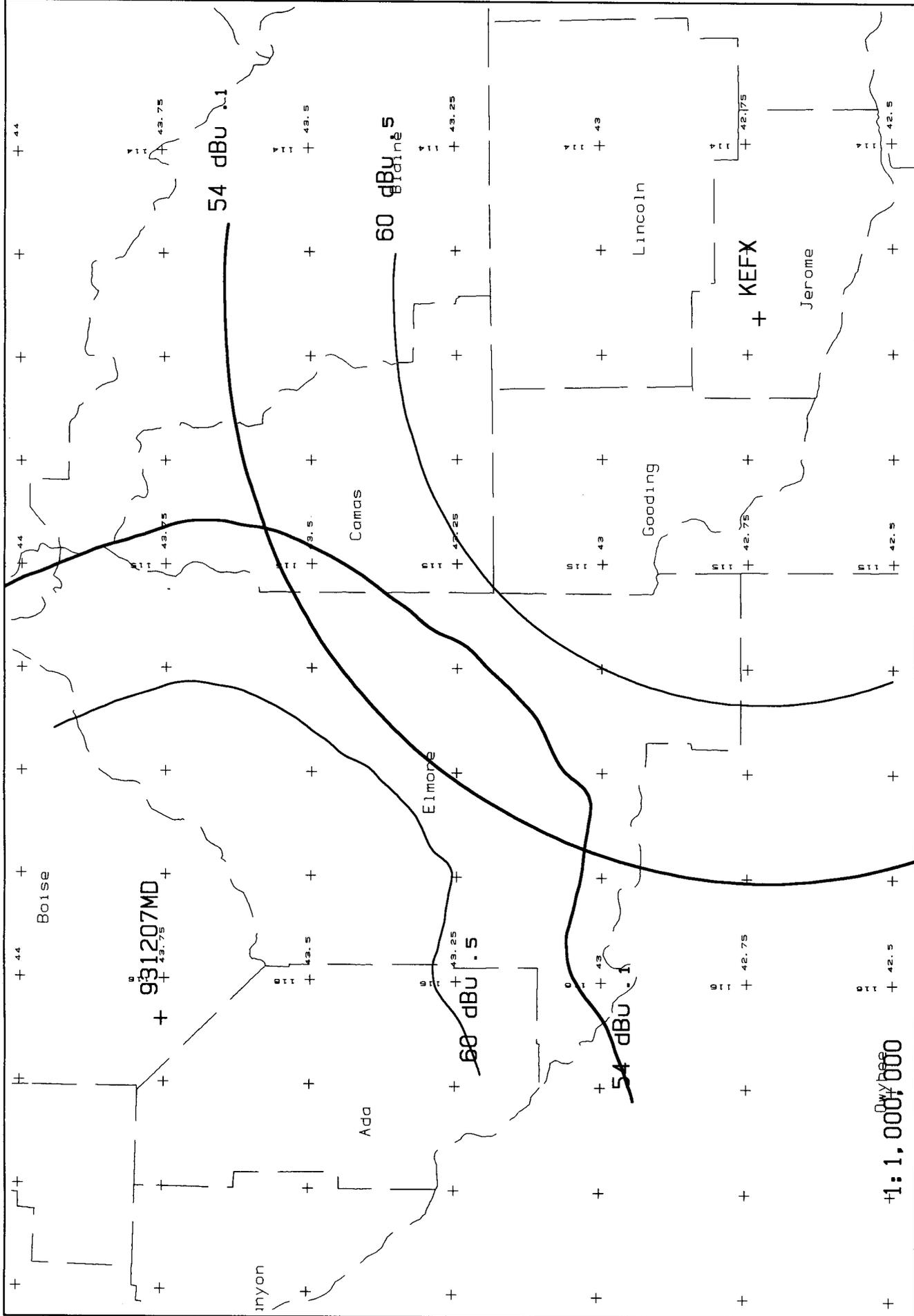
<p>Scale in km</p> <p>0 10 20 30 40 50 60 70</p>	<p>KEFX 205C0 100kW 1475M AMSL 930423 204C1 3kW 2200M AMSL</p>	<p>KEFX vs 930423MA Bob Moore - 12/02</p>
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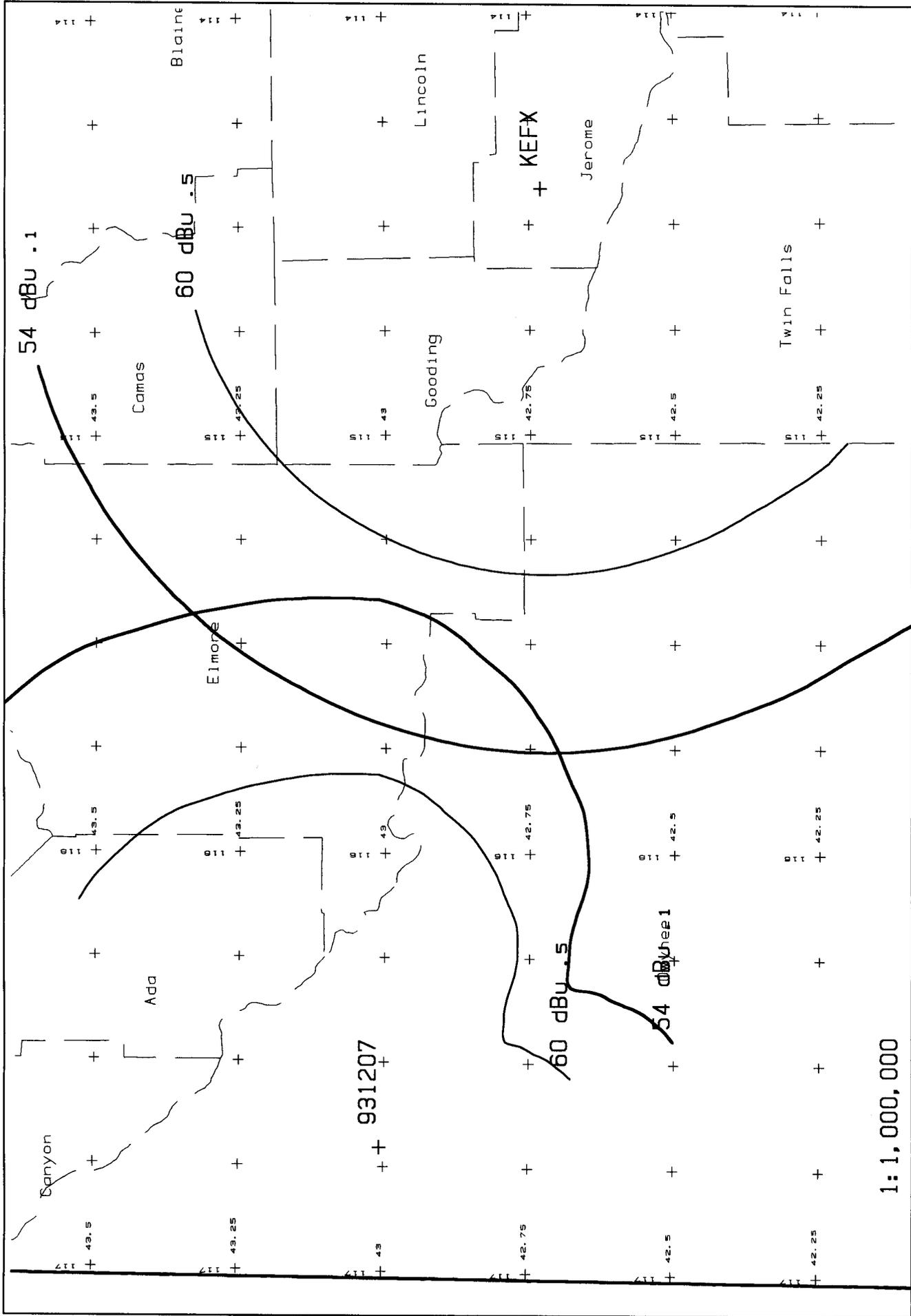
KEFX vs 931206MB  
 Bob Moore - 12/02

KEFX 205C0 100kW 1475M AMSL  
 931206MB 204C1 5kW 2174M AMSL





<p>Scale in km</p> <p>0 10 20 30 40 50 60 70</p>	<p>KEFX 205C0 100kW 1475M AMSL 931207MD 204C1 3kW 2200M AMSL</p>	<p>KEFX vs 931207MD Bob Moore - 12/02</p>
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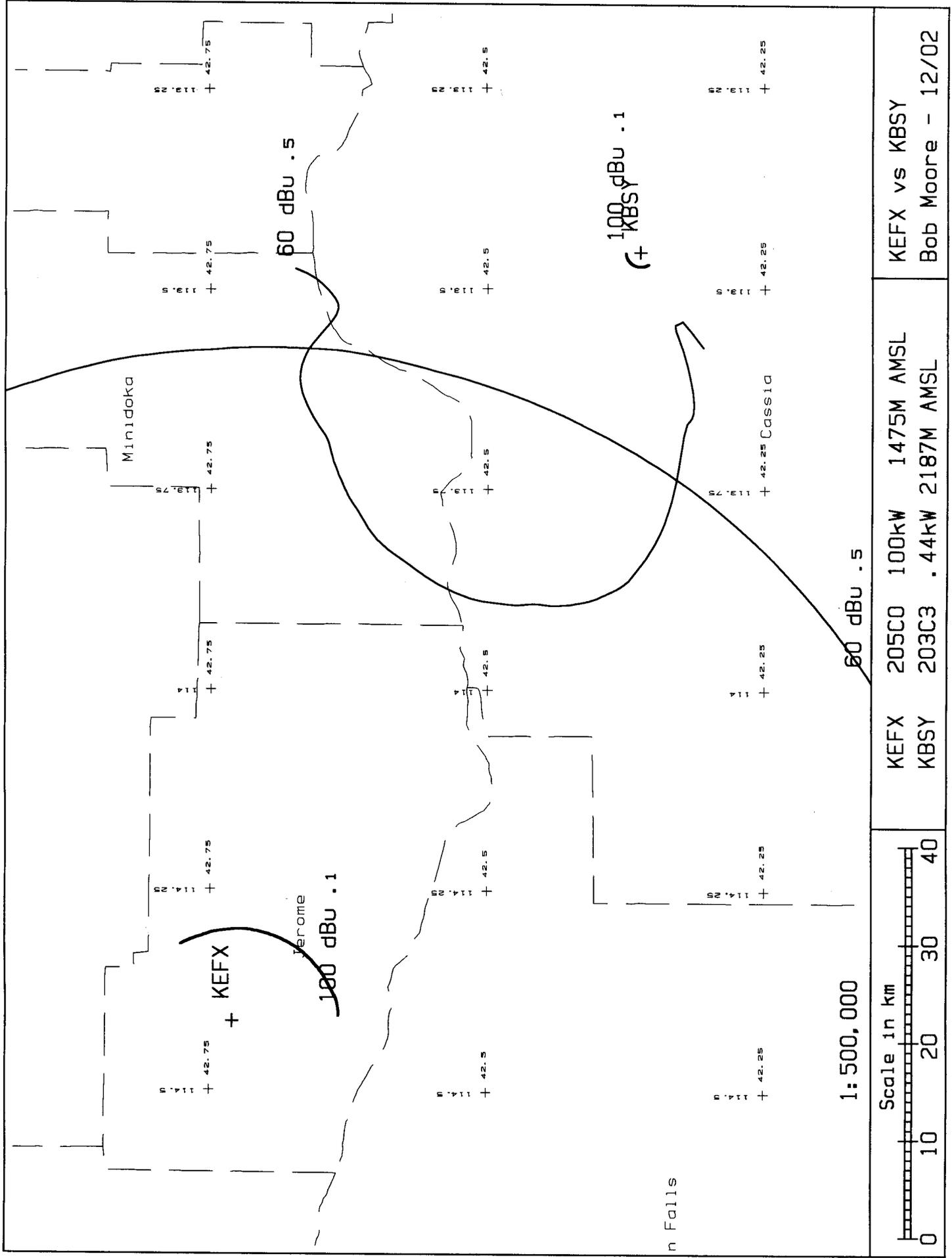


1:1,000,000



KEFX 2050 100kW 1475M AMSL  
931207 206C1 5.4kW 2463M AMSL

KEFX vs 931207MD  
Bob Moore - 12/02



Mindidoka

Jerome

n Falls

KEFX

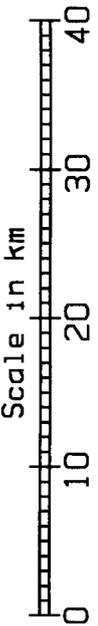
180 dBu .1

60 dBu .5

100 dBu .1

60 dBu .5

1:500,000



KEFX	205C0	100kW	1475M AMSL
KBSY	203C3	.44kW	2187M AMSL

KEFX vs KBSY  
Bob Moore - 12/02