

EXHIBIT E-1

CONTOUR PROTECTION
BPH 19970815MF Victor, ID
Form 301, Channel 279C1
December 2003

This exhibit will show compliance with contour protection rules under the provisions of section 73.215, towards KSKI-FM (channel 279C) Sun Valley, ID and KFTZ(FM)(channel 277C1) Idaho Falls, ID. This is a one-step upgrade application from the original proposed application (BPH-19970815MF) which specified operation on channel 282A. Channel 279C1 is a third adjacent channel to channel 282A.

Exhibit E-1, Figure 1 is an allotment point showing that channel 279C1 can be allotted to Victor, Idaho. The allotment point is located at N 43 – 36' – 45", W 111 – 02' – 59". This point is located 5 kilometers East of the city of Victor, ID. This distance is well within the 50 kilometers maximum distance allowed for a class C1 station. Exhibit E-1, Figure 2 is conducted from the new proposed site located at N 43 – 41' – 07", W 111 – 06' – 54". It shows that from the new site, it will meet all of the spacing requirements under 73.207, with the exception of KSKI-FM Sun Valley, Idaho on channel 279C and KFTZ Idaho Falls, Idaho on channel 277C1.

The new site will meet minimum distance requirements under 73.215 towards KSKI-FM. The minimum separation under 73.215 between the proposed C1 operation on channel 279 and KSKI-FM operating on channel 279C is 249 kilometers. The distance between the proposed new operation at Victor, ID and KSKI-FM is 264.76 kilometers.

Next, the new proposed operation at Victor, ID on channel 279C1 and KSKI-FM Sun Valley, ID were evaluated for contour overlap. First, KSKI-FM was adjusted for operation at its potential maximum class C facilities at its current tower site.

It is proposed to operate the new station at Victor, ID with an Effective Radiated Power of 55 Kilowatts with an antenna Height Above Average Terrain of minus 144.9 Meters. This is less than the maximum allowed for class C1 station, but an ERP greater than allowed for by a Class C2 allotment.

Exhibit E-1, Figure 3 shows the contours of KSKI-FM (279C) Sun Valley, ID, operating at maximum facilities and the proposed operation at Victor, ID on Channel 279C1. The 40 DBU interference contour (F50,10) generated by either station does not overlap the 60 DBU protected contour (F50,50) of either station.

The new site will meet the minimum distance requirements under 73.215 towards KFTZ(FM) Idaho Falls, ID. The minimum separation under 73.215 between the proposed C1 operation on channel 279 and KFTZ(FM) operating on channel 277C1 is 76 kilometers. The distance between the proposed new operation at Victor, ID and KFTZ is 81.0 kilometers.

Next, the new proposed operation at Victor, ID on channel 279C1 and KFTZ(FM) were evaluated for contour overlap. First, KFTZ(FM) was adjusted for operation at its potential maximum class C1 facilities at its current tower site. The new operation at Victor, ID will operate with 55 Kilowatts ERP with an antenna HAAT of minus 144.9 Meters, and a center of radiation of 1890 meters above mean sea level.

Exhibit E-1, Page 3, continued

Exhibit E-1, Figure 4 shows the contours of KFTZ(FM) Idaho Falls, ID, operating at maximum facilities, non-directional. It also shows the proposed contours of the proposed operation at Victor, ID on channel 279C1. The 100 DBU interference contour (F50,10) generated by either station does not overlap the 60 DBU protected contour (F50,50) of either station.

It was concluded that the proposed operation at Victor, ID on channel 279C1 at its new tower site and class will meet all of the provisions under section 73.215 of the Commissions rules.

Figure 1 - Allotment Point - Channel 279C1
Victor, Idaho - Michael Radio Group

REFERENCE
43 36 45 N
111 02 59 W

CLASS = C1
Current Spacings

DISPLAY DATES
DATA 12-27-03
SEARCH 12-28-03

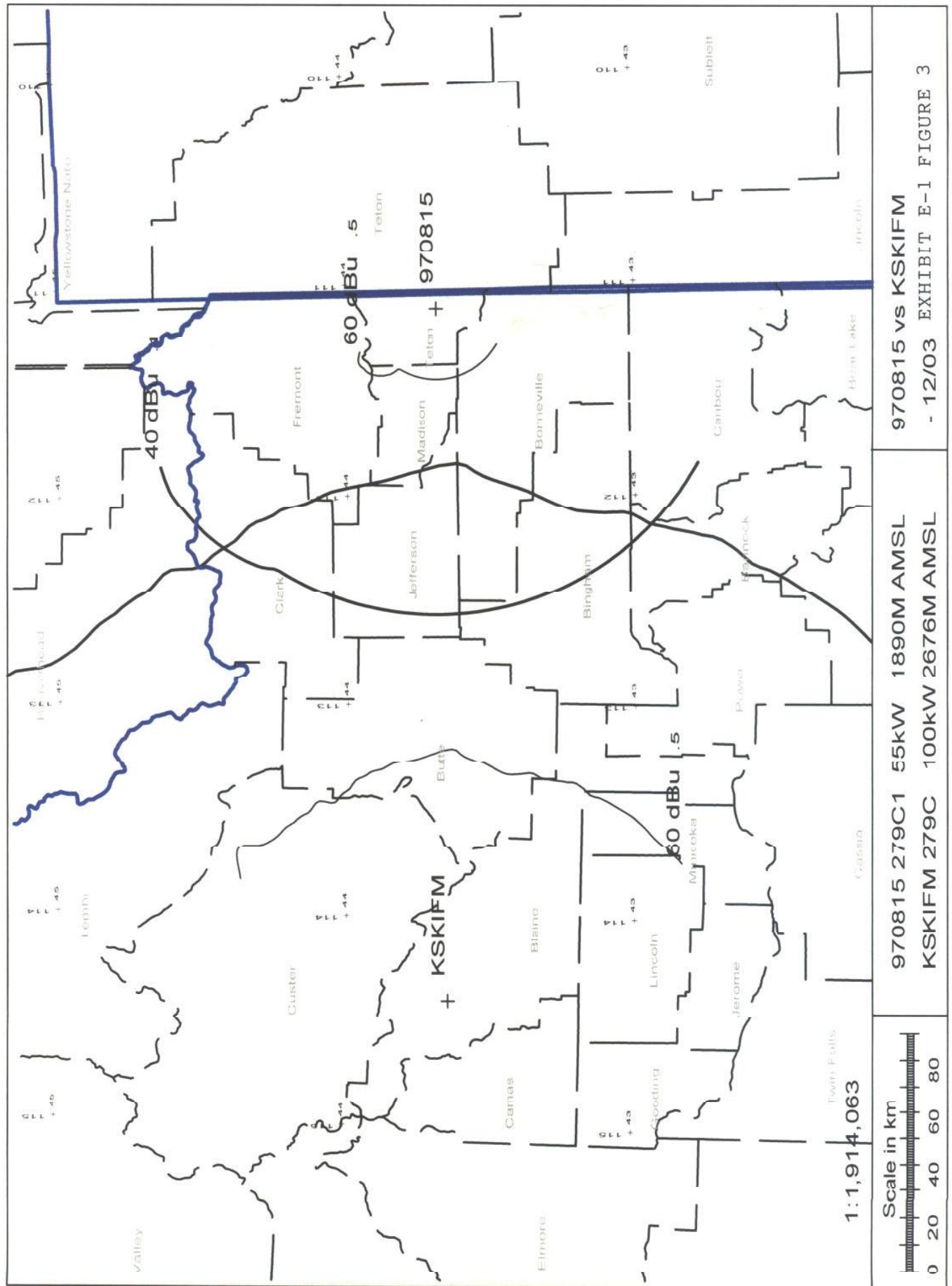
----- Channel 279 - 103.7 MHz -----

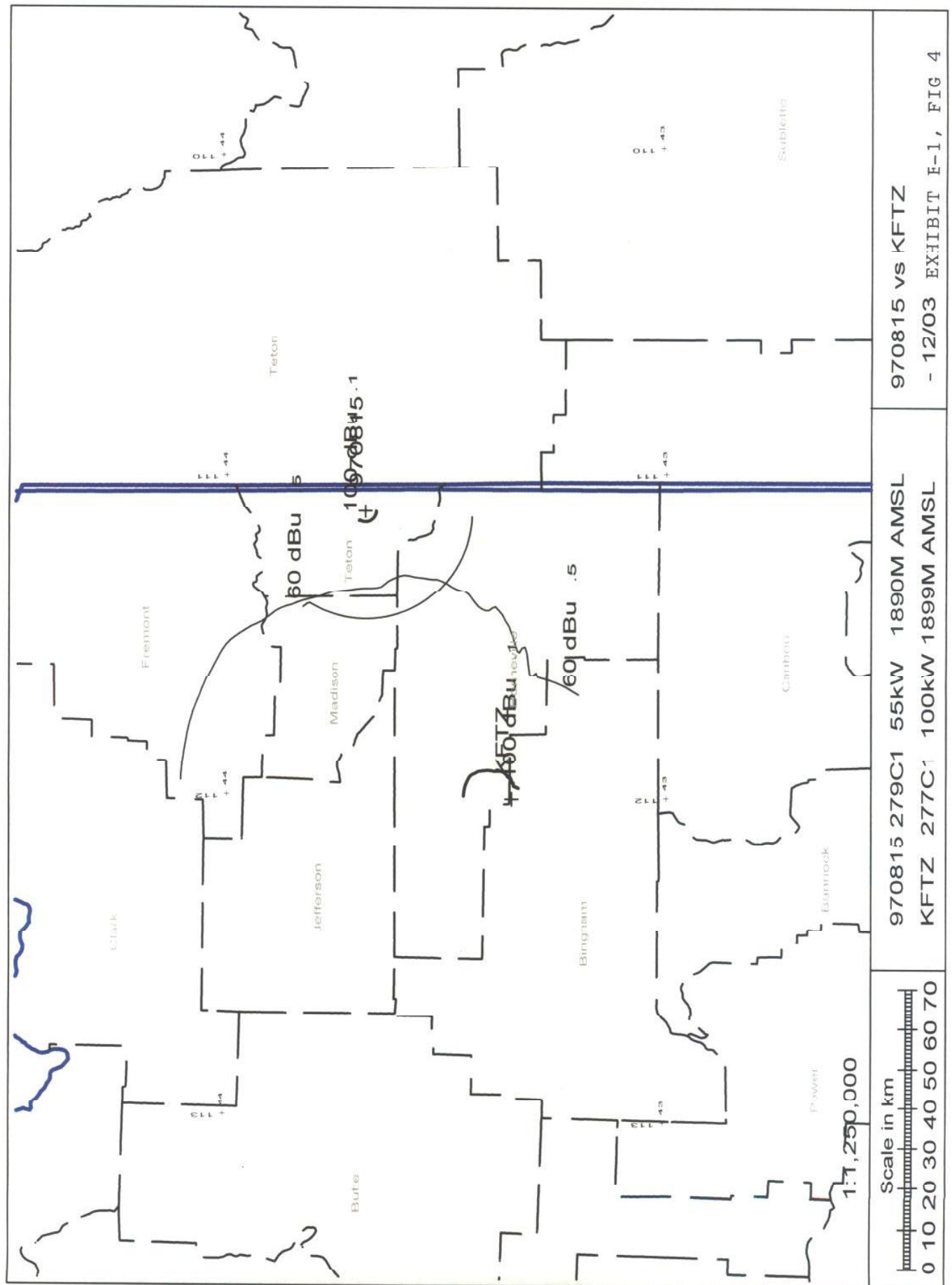
Call	Channel	Location		Dist	Azi	FCC	Margin
970815	APP-N 282C1	Victor	ID	9.65	327.0	82.0	-72.35
970815	APP 282A	Victor	ID	3.45	242.9	75.0	-71.55
ALLO	VAC 282A	Victor	ID	4.98	258.2	75.0	-70.02
970814	APP 282A	Victor	ID	5.39	264.1	75.0	-69.61
970814	APP 282A	Victor	ID	15.35	150.1	75.0	-59.65
970813	APP 282A	Victor	ID	15.39	150.1	75.0	-59.61
KSKIFM	LIC 279C	Sun Valley	ID	270.17	271.9	270.0	0.17
KFTZ	LIC-D 277C1	Idaho Falls	ID	82.63	249.7	82.0	0.63
RADD	ADD 280C	Fort Bridger	WY	260.84	167.7	209.0	51.84
KORR	LIC-N 281C1	American Falls	ID	145.44	235.5	82.0	63.44
KZMY.C	CP 278C0	Bozeman	MT	261.73	354.6	196.0	65.73
KEZQ	LIC 225C	West Yellowstone	MT	110.02	343.6	41.0	69.02
KBBB	LIC 279C1	Billings	MT	315.49	39.6	245.0	70.49

Figure 2 - Proposed Site - Channel 279C1
Victor, Idaho - Michael Radio Group

REFERENCE		DISPLAY DATES
43 41 07 N	CLASS = C1	DATA 12-27-03
111 06 54 W	Current Spacings	SEARCH 12-28-03
----- Channel 279 - 103.7 MHz -----		

Call	Channel	Location		Dist	Azi	FCC	Margin
970815	APP-N 282C1	Victor	ID	0.00	0.0	82.0	-82.00
970814	APP 282A	Victor	ID	8.64	180.6	75.0	-66.36
ALLO	VAC 282A	Victor	ID	9.11	177.5	75.0	-65.89
970815	APP 282A	Victor	ID	9.91	167.2	75.0	-65.09
970814	APP 282A	Victor	ID	25.00	148.9	75.0	-50.00
970813	APP 282A	Victor	ID	25.04	148.8	75.0	-49.96
KSKIFM	LIC 279C	Sun Valley	ID	264.76	270.1	270.0	-5.24
KFTZ	LIC-D 277C1	Idaho Falls	ID	81.02	243.0	82.0	-0.98
KZMY.C	CP 278C0	Bozeman	MT	253.22	355.5	196.0	57.22
KEZQ	LIC 225C	West Yellowstone	MT	100.81	345.1	41.0	59.81
RADD	ADD 280C	Fort Bridger	WY	269.89	166.9	209.0	60.89
KORR	LIC-N 281C1	American Falls	ID	145.99	231.6	82.0	63.99
KBBB	LIC 279C1	Billings	MT	312.77	41.3	245.0	67.77





970815 vs KFTZ
- 12/03 EXHIBIT E-1, FIG 4

970815 279C1 55kW 1890M AMSL
KFTZ 277C1 100kW 1899M AMSL

Scale in km
0 10 20 30 40 50 60 70