

Implementation of Channel Change Order

The applicant hereby requests a construction permit for station KKMV(FM) Rupert, ID to implement a change as ordered by MB Docket No. 02-14¹. It is proposed to change the KKMV operating channel from 223C to 291C0, and install a directional antenna on a new tower adjacent to its existing tower. The proposed antenna site is located at the following coordinates:

N 42-20-06
W 113-36-15
(NAD 27)

In order to locate the KKMV antenna at this tower on the channel as so ordered by MB Docket No. 02-14, section 73.215 contour protection processing is requested towards KBJX 292C1 Shelley, ID, the vacant allotment ALLO 290C1 Thayne, WY, and the pending application for KOTB 291C Evanston, WY. Since Section 73.215 processing is requested, the applicant has proposed One-Step Allotment Coordinates described as follows:

N 42-23-04
W 113-41-31
(NAD 27)

At the above Allotment Coordinates, KKMV 291C0 would be fully spaced under Section 73.207 of the Rules with respect to all other authorizations. The results of the One-Step Allotment Coordinates Channel Study follow.

¹ See MB Docket No. 02-14, Report and Order in Amendment of Section 73.202(b), Table of Allotments, FM Broadcast Stations, Ketchum, Jerome and Rupert, Idaho, and Coalville, Naples, Huntsville, South Jordan, Tooele, Wellington, Castle Dale, Salina, Parowan and Payson, Utah. Adopted January 14, 2004, released January 16, 2004.

FM Channel Spacings Study

KKMV One-Step Allotment Coordinates

REFERENCE

42 23 04 N

113 41 31 W

CLASS = C0

Current Spacings

DISPLAY DATES

DATA 02-19-04

SEARCH 02-20-04

Channel 291 - 106.1 MHz

Call	Channel	Location	Dist	Azi	FCC	Margin
KOTB.A	APP 291C	Evanston	WY 280.63	126.0	281.0	-0.37
KBJX	LIC 292C1	Shelley	ID 195.67	48.2	196.0	-0.33
ALLO	VAC 290C1	Thayne	WY 195.70	76.4	196.0	-0.30
ALLO	VAC 294C	Hailey	ID 117.07	339.1	105.0	12.07
KCIX	LIC 290C	Garden City	ID 248.16	308.8	220.0	28.16
KOTB	LIC 291C3	Evanston	WY 257.98	115.5	226.0	31.98

KKMV Section 73.215 Contour Protection Study

As can be shown in the accompanying Antenna Site Channel Study, Channel 291C0 at the proposed site will satisfy the Commission's minimum separation distance requirements, specified in Section 73.207(b) of the Rules, to all assignments except to KBJX(FM) on Channel 292C1 at Shelley, ID, a Vacant Allotment ALLO 290C1 at Thayne, WY, and a pending application for KOTB(FM) on Channel 291C at Evanston, WY. The applicant respectfully requests Section 73.215 Contour Protection Processing towards these three stations.

For the purposes of the attached 73.215 Contour Protection Study, all three stations were treated as "Maximum Class" facilities at their respective coordinates. KBJX 292C1 and ALLO 290C1 were studied using Maximum Class C1 facilities with a Height Above Average Terrain of 299 meters and an Effective Radiated Power of 100 kilowatts. The KOTB pending application was studied using Maximum Class C facilities with a Height Above Average Terrain of 600 meters and an Effective Radiated Power of 100 kilowatts.

In order to protect the Maximum Class facilities of KBJX 292C1, ALLO 290C1, and KOTB 291C, KKMV proposes the use of a directional antenna. This exhibit contains a plot of the proposed directional antenna radiation pattern envelope relative field, calculated in accordance with Section 73.316(c)(2-3) of the Commission's Rules. The actual directional antenna to be used will be designed to optimally meet this pattern envelope. The ratio of the pattern envelope maximum to minimum radiation does not exceed 15 dB nor does the radiation vary more than 2 dB per 10° of azimuth, in accordance with Section 73.316(b). The antenna will be mounted on the proposed tower in accordance with the specific instructions of the antenna manufacturer. No other antennas will be mounted on the tower at the same level as the proposed directional antenna, nor will the proposed directional antenna be mounted on the tower at a distance from any other antenna such that proper operation of the directional antenna would be hindered. Any additional information required by Section 73.316 will be supplied with the application for license.

FM Channel Spacings Study

KKMV Proposed Antenna Site Requests Section 73.215 Contour Protection

REFERENCE

42 20 06 N
113 36 15 W

CLASS = C0

Current Spacings

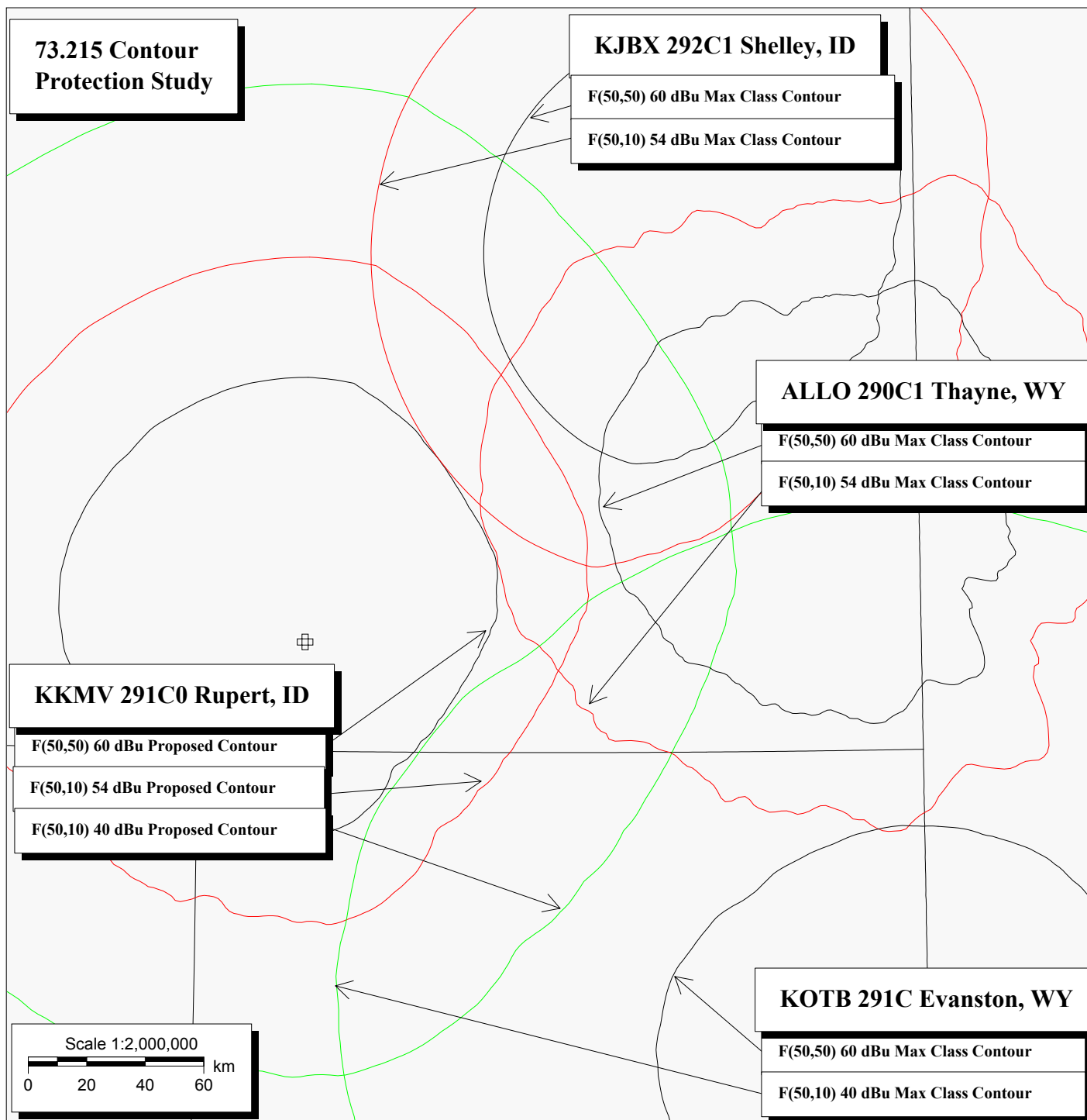
DISPLAY DATES

DATA 02-19-04

SEARCH 02-20-04

Channel 291 - 106.1 MHz

Call	Channel	Location	Dist	Azi	FCC	Margin
KOTB.A	APP 291C	Evanston	WY 271.55	126.0	281.0	-9.45
ALLO	VAC 290C1	Thayne	WY 190.09	74.3	196.0	-5.91
KBJX	LIC 292C1	Shelley	ID 194.13	45.6	196.0	-1.87
ALLO	VAC 294C	Hailey	ID 124.88	337.0	105.0	19.88
KOTB	LIC 291C3	Evanston	WY 249.09	115.1	226.0	23.09
KCIX	LIC 290C	Garden City	ID 257.24	308.8	220.0	37.24



KKMV Proposed
Latitude: 42-20-06 N
Longitude: 113-36-15 W
ERP: 25.00 kW
Channel: 291
Frequency: 106.1 MHz
AMSL Height: 2550.0 m
Elevation: 2494.0 m
HAAT: 760.77 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: FCC

<u>Bearing</u>	<u>Field Value</u>
000	1.000
010	1.000
020	0.750
030	0.600
040	0.540
050	0.500
060	0.500
070	0.500
080	0.490
090	0.390
100	0.330
110	0.270
120	0.220
130	0.220
140	0.270
150	0.320
160	0.380
170	0.470
180	0.590
190	0.740
200	0.930
210	1.000
220	1.000
230	1.000
240	1.000
250	1.000
260	1.000
270	1.000
280	1.000
290	1.000
300	1.000
310	1.000
320	1.000
330	1.000
340	1.000
350	1.000

