

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 141961

Channel 242

### **Description of Exhibit 12 Contents**

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

**Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.**

Page 2 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dBμ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

Since the proposed translator is within 320 km of the Canadian border, 47 C.F.R. § 74.1235(d) has been taken into account and this applicant certifies that in no direction does the 34 dBμ F(50,10) extend beyond 60 km, and this application is therefore in full compliance with 47 C.F.R. § 74.1235(d)(3), which states that "the distance to the 34 dBμ interfering contour may not exceed 60 km in any direction," and hence complies with 47 C.F.R. § 74.1204(h).

# **Adjacent Channel Study** **For Station K242BB, Facility\_id: 141961**

## **Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
495857	79010	BLH	20000407ACG	KQRV	ROBERT CUMMINGS TOOLE	C1	DEER LODGE	MT	LIC	20	2215	245	3	88.8	0
316263	94222	BPED	19990918MC	990918MC	BIG COUNTRY CHRISTIAN RADIO INSTITUTE	C3	BOZEMAN	MT	APP	7.5	1767	240	2	121.6	0
1148541	24172	BLH	20060921ABM	KISN	CAPSTAR TX LIMITED PARTNERSHIP	C2	BELGRADE	MT	LIC	18.5	2097	244	2	136.3	0
1056617	164087	BNPH	20041229ADW	NEW	ADVANCE ACQUISITION, INC.	C3	FORT BENTON	MT	CP	25	1079	239	3	146.3	0
495789	4700	BLH	20000407ABZ	KBAZ	MARATHON MEDIA OF MONTANA, L.P.	C	HAMILTON	MT	LIC	85	1909	242	0	149.4	0

## **Intermediate Frequencies (53 and 54 channels difference):**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
1010835	3042	BLED	20040908AAC	KMSM-FM	THE ASSOCIATED STUDENTS OF MONTANA TEC	A	BUTTE	MT	LIC	0.74	1785	296	54	75.8	65.8