

**TECHNICAL EXHIBIT  
APPLICATION FOR MODIFICATION OF  
FM CONSTRUCTION PERMIT**

**KCHQ (FM)  
FCC FACILITY ID: 87925**

**TED W. AUSTIN, JR.  
DRIGGS, IDAHO  
CH 271C1 15.0 KW 606 M HAAT**

**FEBRUARY 2003**

**SEPARATION STUDY - CHANNEL SPACING STUDY - PROPOSED SITE**

FCC DB Date : 02/13/03

Channel	271C1 (102.1 MHz)	Coordinates	: 43-42-42 111-20-57					
Call	City	Channel	ERP(kW)	Latitude	Bearing	Dist.	Req.	
Status	State	FCC File No.	Freq.	HAAT(m)	Longitude	deg-Tru	(km)	(km)
KCVI	BLACKFOOT	268C	100.	43-30-03	257.9	108.56	105	
LIC	ID	BLH940818KE	101.5	461.0	112-39-43	3.56	CLOSE	
**KBMC	BOZEMAN	271C2	20.5	45-38-18	1.7	214.20	224	
LIC	MT	BLED940223KA	102.1	222.0	111-16-05	-9.80	SHORT	
KMGI	POCATELLO	273C	100.	42-51-57	225.4	133.24	105	
LIC	ID	BLH871216KF	102.5	312.0	112-30-46	28.24	CLEAR	

\*\* End of separation study for channel 271C1 \*\*

\*\* 47 C.F.R. §73.215 OPERATION IS PROPOSED TO THIS STATION. MINIMUM §73.215 DISTANCE BETWEEN CLASS C1 AND C2 IS 211 KILOMETERS. PROPOSED SPACING IS 214.2 KILOMETERS.

**SEPARATION STUDY - CHANNEL SPACING STUDY - ALLOCATION SITE**

Channel	271C1 (102.1 MHz)	Coordinates	: 43-35-34 111-04-55					
Call	City	Channel	ERP(kW)	Latitude	Bearing	Dist.	Req.	
Status	State	FCC File No.	Freq.	HAAT(m)	Longitude	deg-Tru	(km)	(km)
KCVI	BLACKFOOT	268C	100.	43-30-03	266.0	128.11	105	
LIC	ID	BLH940818E	101.5	461.0	112-39-43	23.11	CLEAR	
KBMC	BOZEMAN	271C2	20.5	45-38-18	356.4	227.79	224	
LIC	MT	BLED940223A	102.1	222.0	111-16-05	3.79	CLOSE	
KMGI	POCATELLO	273C	100.	42-51-57	235.6	141.55	105	
LIC	ID	BLH871216F	102.5	312.0	112-30-46	36.55	CLEAR	

\*\* End of separation study for channel 271C1 \*\*