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**B. W. St. Clair**

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## AMENDMENT TECHNICAL EXHIBIT

**MINOR MODIFICATION OF CONSTRUCTION PERMIT  
K43HW, ALBUQUERQUE, NM  
FCC FILE NUMBER BMPDTL-20120404ACM  
RJ ENTERPRISES**

**Introduction.** A thirty day deficiency letter was received which cited predicted interference to K43MQ-D, Moon Ranch, NM - BLDTT-20110613ABD from the above-captioned application.

**Revisions.** It was learned that we had neglected to advise in the original application that the "FLR" study parameters should be set as follows: Cell size - 0.2 km/side and Distance increments for Longley-Rice analysis - 0.2 km. When so set, the Longley-Rice study will show that the within proposal causes no interference to K43HW.

There are no other revisions to the above-captioned application.

**Longley-Rice Study printout.** The following is a printout of the study as run today to demonstrate that the application should be considered acceptable.

Record Selected for Analysis

K43HW BMPDTL -20120404ACM ALBUQUERQUE NM US  
Channel 43 ERP 15. kW HAAT 1581 m RCAMSL 03267 m STRINGENT MASK  
Latitude 035-12-53 Longitude 0106-27- 1  
Status APP Zone Border Site number: 01  
Dir Antenna Make CDB Model 00000000108926 Beam tilt Y Ref Azimuth 0.0  
Last update 00000000 Cutoff date 20120404 Docket  
Comments  
Applicant RJ ENTERPRISES

Cell Size for Service Analysis 0.2 km/side

Distance Increments for Longley-Rice Analysis 0.20 km

Not full service station

Service Class = LD

Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	11.381	1197.3	78.0
45.0	10.378	1246.1	78.2

90.0	3.498	1124.8	67.2
135.0	1.519	923.2	58.4
180.0	6.379	1003.0	69.5
225.0	12.384	1506.5	82.5
270.0	11.799	1581.1	82.3
315.0	12.412	1469.5	82.3

Database HAAT does not agree with computed HAAT  
 Database HAAT: 1581 Computed HAAT: 1256

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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# Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
43	K43HW	ALBUQUERQUE NM	BMPDTL 20120404ACM

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	K35GY	CUBA NM	95.6	LIC	BLTT	-20060628ABZ
39	K39EJ	ESPANOLA NM	90.9	LIC	BLTT	-19970507JU
42	KLUZ-TV	ALBUQUERQUE NM	0.4	LIC	BLCDDT	-20070823AAK
43	K43CN	DUNCAN AZ	369.4	LIC	BLTT	-19891030JN
43	K43GQ	KLGETOH AZ	254.1	LIC	BLTT	-20030922ACH
43	K43GQ	KLGETOH AZ	254.1	CP	BDFCDTT	-20090824AIK
43	K43GT	PAGOSA SPRINGS CO	227.3	LIC	BLTT	-20040213AFR
43	K43EG-D	PITKIN CO	376.9	LIC	BLDTT	-20101129AME
43	K43NE-D	PUEBLO CO	399.7	CP	BNPDTL	-20100329AAL
43	K43BU	CLOVIS NM	307.9	LIC	BLTTL	-19890419IA
43	K43FU	DEMING NM	352.4	LIC	BLTT	-20020524AAC
43	K43AI-D	FARMINGTON NM	227.8	LIC	BLDTT	-20090721ABX
43	K43FI-D	LAS VEGAS NM	116.2	LIC	BLDTT	-20091112AKH
43	K43MQ-D	MOON RANCH NM	138.3	LIC	BLDTT	-20110613ABD
43	K43GW	RATON, ETC. NM	245.3	LIC	BLTT	-20031107AEU
43	K43IA	TAOS NM	154.8	LIC	BLTT	-20060420ACX
43	K43MD-D	BLANDING, ETC UT	396.7	LIC	BLDTT	-20111205AJS
43	K43MD-D	BLANDING, ETC UT	396.7	CP	BPDTT	-20120207ANN
44	K44DD	CHAMA NM	187.7	LIC	BLTT	-19920702IC
44	K44GD	CROWNPOINT NM	162.2	LIC	BLTT	-20040213AFQ
44	K44CZ-D	PENASCO NM	130.9	LIC	BLDTT	-20100621ACE

44	K44HJ	SOCORRO NM	135.4	LIC	BLTT	-20041021AEX
44	K44HJ	SOCORRO NM	135.4	CP	BDFCDTT	-20081222AAQ
46	K46FI	GRANTS NM	104.1	LIC	BLTT	-20010814AAD
46	K46GY	SANTA FE NM	0.1	LIC	BLTT	-20030403AAN
47	KTEL-LP	ALBUQUERQUE NM	0.1	LIC	BLTTL	-20071025AAD

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# Analysis of Interference to Affected Station 14

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43MQ-D	MOON RANCH NM	BLDTT	-20110613ABD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	K43HW	ALBUQUERQUE NM	138.3	APP	BMPDTL	-20120404ACM
43	K43BU	CLOVIS NM	172.2	LIC	BLTTL	-19890419IA
43	K43FI-D	LAS VEGAS NM	67.9	LIC	BLDTT	-20091112AKH
43	K43IA	TAOS NM	159.1	LIC	BLTT	-20060420ACX
43	KLCW-TV	WOLFFORTH TX	330.4	CP MOD	BMPCDT	-20080411AAI
43	KLCW-TV	WOLFFORTH TX	330.4	LIC	BLCDT	-20110404AFU

Proposal causes no interference

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Thus, it is respectfully requested that BMPDTL-20120404ACM, an application for minor modification of construction permit, be allowed to be processed for grant.

J. R. McDonald

April 23, 2012