

**FIGURE 1 (6 Pages)**

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-03-2010 Time: 10:23:12

Record Selected for Analysis

K06PE USERRECORD-01 ST. GEORGE2 UT US  
Channel 06 ERP 0.9 kW HAAT 1265. m RCAMSL 02342 m  
Latitude 037-09-19 Longitude 0113-52-57  
Status APP Zone 2 Border Offset Z  
Dir Antenna Make usr Model CL46\_3R1L\_90 Beam tilt N Ref Azimuth 180.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	62.0 dBu F(50,50) (km)
0.0	0.003	976.6	8.9
45.0	0.002	1075.1	7.5
90.0	0.134	1144.4	34.7
135.0	0.290	781.6	34.7
180.0	0.812	1050.1	50.3
225.0	0.833	1196.5	52.8
270.0	0.350	1265.3	45.5
315.0	0.001	1189.7	6.3

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	Call	City/State	ARN
06	K06PE	ST. GEORGE2 UT	USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
06	DK06KE	INDIAN SPRINGS NV	167.6	LIC	BLTTV	-19810325JE
06	KVPX-LD	LAS VEGAS NV	169.7	CP MOD	BMPDVL	-20090612AES
06	DK06IT	MERCURY, ETC. NV	195.1	LIC	BLTTV	-4785
06	K06DM	PANACA NV	61.7	LIC	BLTTV	-19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	28.2	LIC	BLTTV	-20060213ABO
06	K06OB	CANE BEDS,AZ/HILLDAL UT	81.0	APP	BMJPTTV	-20090825BCX
06	K06KO	KANARRAVILLE, ETC. UT	70.4	LIC	BLTTV	-20061219ABF
06	K06FM	LONG VALLEY JUNCTION UT	127.4	LIC	BLTTV	-4596
06	KGHD-LP	ST. GEORGE UT	29.3	LIC	BLTVL	-20100305AAS

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## Analysis of Interference to Affected Station 1

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	DK06KE	INDIAN SPRINGS NV	BLTTV	-19810325JE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K11LX	BULLHEAD CITY AZ	181.7	APP	BDISDTV	-20091030AGX
06	K06AE	FLAGSTAFF AZ	380.9	CP	BDFCDTV	-20090604ACN
06	NEW	QUARTZSITE AZ	355.8	APP	BNPDVL	-20091001AJU
06	K06OL	INYOKERN, ETC. CA	234.7	LIC	BLTVL	-20080516ABV
06	KSFV-LD	LOS ANGELES CA	344.3	APP	BDCCDVL	-20061030ASV
06	KSFV-CA	LOS ANGELES CA	344.3	APP	BDISDVA	-20090114ABC
06	KCIO-LP	ONTARIO CA	303.6	APP	BDFCDVL	-20090608ABK
06	K06HT	ELY NV	303.6	CP	BDFCDTV	-20090720ADR
06	KVPX-LD	LAS VEGAS NV	89.4	CP MOD	BMPDVL	-20090612AES
06	K53DG	LAUGHLIN NV	169.7	CP	BDISDTV	-20090629ABY
06	DK06IT	MERCURY, ETC. NV	31.1	LIC	BLTTV	-4785
06	K06DM	PANACA NV	141.2	LIC	BLTTV	-19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	162.2	LIC	BLTTV	-20060213ABO
06	K06JA-D	CEDAR CANYON UT	270.2	LIC	BLDTV	-20090728ABI
06	K06PE	ST. GEORGE2 UT	167.6	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KVPX-LD	LAS VEGAS NV	BMPDVL -20090612AES

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	K11LX	BULLHEAD CITY AZ	92.7	APP	BDISDTV -20091030AGX
05	K05AR-D	ROCKVILLE UT	224.1	LIC	BLDTV -20090406AFQ
06	K06AE	FLAGSTAFF AZ	299.2	CP	BDFCDTV -20090604ACN
06	KTVP-LD	PHOENIX AZ	375.7	CP	BDCCDTL -20061005ABF
06	NEW	QUARTZSITE AZ	271.5	APP	BNPDVL -20091001AJU
06	KSFV-LD	LOS ANGELES CA	335.4	APP	BDCCDVL -20061030ASV
06	KSFV-CA	LOS ANGELES CA	335.4	APP	BDISDVA -20090114ABC
06	K06IQ	NEWBERRY SPRINGS CA	193.1	LIC	BLTTV -5094
06	KCIO-LP	ONTARIO CA	282.5	APP	BDFCDVL -20090608ABK
06	K06HT	ELY NV	368.9	CP	BDFCDTV -20090720ADR
06	DK06KE	INDIAN SPRINGS NV	89.4	LIC	BLTTV -19810325JE
06	K53DG	LAUGHLIN NV	82.0	CP	BDISDTV -20090629ABY
06	DK06IT	MERCURY, ETC. NV	113.3	LIC	BLTTV -4785
06	K06DM	PANACA NV	175.8	LIC	BLTTV -19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	150.5	LIC	BLTTV -20060213ABO
06	K06JA-D	CEDAR CANYON UT	267.7	LIC	BLDTV -20090728ABI
06	K06PE	ST. GEORGE2 UT	169.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	DK06IT	MERCURY, ETC. NV	BLTTV -4785

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
05	K11LX	BULLHEAD CITY AZ	203.2	APP	BDISDTV -20091030AGX
06	K06AE	FLAGSTAFF AZ	409.3	CP	BDFCDTV -20090604ACN
06	NEW	QUARTZSITE AZ	371.1	APP	BNPDVL -20091001AJU
06	K06OL	INYOKERN, ETC. CA	212.1	LIC	BLTVL -20080516ABV
06	NEW	JOHANNESBURG CA	205.6	APP	BNPTVL -20000829AXH
06	KSFV-LD	LOS ANGELES CA	328.6	APP	BDCCDVL -20061030ASV
06	KSFV-CA	LOS ANGELES CA	328.6	APP	BDISDVA -20090114ABC
06	KCIO-LP	ONTARIO CA	292.5	APP	BDFCDVL -20090608ABK
06	NEW	SAN LUIS OB CA	425.0	APP	BNPDVL -20090825BTH
06	NEW	SANTA MARIA CA	425.0	APP	BNPDVL -20090825BOX
06	K06HT	ELY NV	307.4	CP	BDFCDTV -20090720ADR
06	DK06KE	INDIAN SPRINGS NV	31.1	LIC	BLTTV -19810325JE
06	KVPX-LD	LAS VEGAS NV	113.3	CP MOD	BMPDVL -20090612AES
06	K53DG	LAUGHLIN NV	189.7	CP	BDISDTV -20090629ABY
06	K06DM	PANACA NV	162.5	LIC	BLTTV -19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	191.6	LIC	BLTTV -20060213ABO
06	K06JA-D	CEDAR CANYON UT	296.8	LIC	BLDTV -20090728ABI
06	K06PE	ST. GEORGE2 UT	195.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06DM	PANACA NV	BLTTV	-19960826JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K05AR-D	ROCKVILLE UT	131.4	LIC	BLDTV	-20090406AFQ
06	K06AE	FLAGSTAFF AZ	372.1	CP	BDFCDTV	-20090604ACN
06	K06MK	ELKO NV	388.5	CP	BDFCDTV	-20090716AAJ
06	K06HT	ELY NV	204.0	CP	BDFCDTV	-20090720ADR
06	K06HT	ELY NV	204.0	LIC	BLTTV	-19771103IA
06	DK06KE	INDIAN SPRINGS NV	141.2	LIC	BLTTV	-19810325JE
06	KVPX-LD	LAS VEGAS NV	175.8	CP MOD	BMPDVL	-20090612AES
06	K53DG	LAUGHLIN NV	246.9	CP	BDISDTV	-20090629ABY
06	DK06IT	MERCURY, ETC. NV	162.5	LIC	BLTTV	-4785
06	K06OB	CANE BEDS,AZ/HILLDAL UT	82.3	LIC	BLTTV	-20060213ABO
06	K06OB	CANE BEDS,AZ/HILLDAL UT	141.8	APP	BMJPTTV	-20090825BCX
06	K06JA-D	CEDAR CANYON UT	142.8	LIC	BLDTV	-20090728ABI
06	K06KO	KANARRAVILLE, ETC. UT	111.3	LIC	BLTTV	-20061219ABF
06	K06FM	LONG VALLEY JUNCTION UT	172.6	LIC	BLTTV	-4596
06	K06BQ	RICHFIELD, ETC. UT	247.9	LIC	BLTTV	-19961217JA
06	KGHD-LP	ST. GEORGE UT	90.5	LIC	BLTVL	-20100305AAS
06	K06PE	ST. GEORGE2 UT	61.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06OB	CANE BEDS,AZ/HILLDAL UT	BLTTV	-20060213ABO

(NOTE: THE AFFECTED STATION CONSENTS TO ANY PREDICTED INTERFERENCE. THE CONSENT LETTER IS INCLUDED WITH THIS APPLICATION. THE STUDIES TO THIS AFFECTED STATION ARE, THEREFORE, REMOVED.)

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06OB	CANE BEDS,AZ/HILLDAL UT	BMJPTTV	-20090825BCX

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K05AR-D	ROCKVILLE UT	28.7	LIC	BLDTV	-20090406AFQ
06	K06AE	FLAGSTAFF AZ	257.3	CP	BDFCDTV	-20090604ACN
06	KTVP-LD	PHOENIX AZ	376.6	CP	BDCCDTL	-20061005ABF
06	NEW	QUARTZSITE AZ	388.2	APP	BNPDVL	-20091001AJU
06	K06JF	CORTEZ CO	426.6	CP	BDFCDTT	-20060324AAJ
06	K06HT	ELY NV	309.7	CP	BDFCDTV	-20090720ADR
06	KVPX-LD	LAS VEGAS NV	208.5	CP MOD	BMPDVL	-20090612AES
06	K53DG	LAUGHLIN NV	238.9	CP	BDISDTV	-20090629ABY
06	K06DM	PANACA NV	141.8	LIC	BLTTV	-19960826JA
06	K06JA-D	CEDAR CANYON UT	79.9	LIC	BLDTV	-20090728ABI
06	K06KO	KANARRAVILLE, ETC. UT	67.8	LIC	BLTTV	-20061219ABF
06	K06FM	LONG VALLEY JUNCTION UT	82.2	LIC	BLTTV	-4596
06	K06BQ	RICHFIELD, ETC. UT	211.4	LIC	BLTTV	-19961217JA
06	KGHD-LP	ST. GEORGE UT	51.6	LIC	BLTVL	-20100305AAS
06	K06PE	ST. GEORGE2 UT	81.0	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 7

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06KO	KANARRAVILLE, ETC. UT	BLTTV	-20061219ABF

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K05HB	CEDAR CITY UT	22.7	LIC	BLTTV	-20040818ABF
05	K05AR-D	ROCKVILLE UT	40.3	LIC	BLDTV	-20090406AFQ
05	K05CP	TOQUERVILLE UT	24.7	LIC	BLTTV	-1144
06	K06AE	FLAGSTAFF AZ	324.8	CP	BDFCDTV	-20090604ACN
06	K06MK	ELKO NV	428.4	CP	BDFCDTV	-20090716AAJ
06	K06HT	ELY NV	246.1	CP	BDFCDTV	-20090720ADR
06	KVPX-LD	LAS VEGAS NV	237.0	CP MOD	BMPDVL	-20090612AES
06	K53DG	LAUGHLIN NV	284.3	CP	BDISDTV	-20090629ABY
06	K06DM	PANACA NV	111.3	LIC	BLTTV	-19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	86.6	LIC	BLTTV	-20060213ABO
06	K06OB	CANE BEDS,AZ/HILLDAL UT	67.8	APP	BMJPTTV	-20090825BCX
06	K06JA-D	CEDAR CANYON UT	33.1	LIC	BLDTV	-20090728ABI
06	K06FL	FISH LAKE RESORT UT	174.2	LIC	BLTTV	-4131
06	K06IG	KOOSHAREM UT	164.0	LIC	BLTTV	-4279
06	K06BS	LOA, ETC. UT	165.3	LIC	BLTTV	-3916
06	K06FM	LONG VALLEY JUNCTION UT	61.3	LIC	BLTTV	-4596
06	K06BQ	RICHFIELD, ETC. UT	162.2	LIC	BLTTV	-19961217JA
06	KGHD-LP	ST. GEORGE UT	57.3	LIC	BLTVL	-20100305AAS
06	K06PE	ST. GEORGE2 UT	70.4	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06FM	LONG VALLEY JUNCTION UT	BLTTV	-4596

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	K05HB	CEDAR CITY UT	48.2	LIC	BLTTV	-20040818ABF
05	NEW	NEPHI UT	228.5	APP	BMJADVL	-20100430ABS
05	K05DU	ORDERVILLE UT	27.6	LIC	BLTTV	-3383
05	K05AR-D	ROCKVILLE UT	60.6	LIC	BLDTV	-20090406AFQ
06	K06AE	FLAGSTAFF AZ	313.9	CP	BDFCDTV	-20090604ACN
06	K06JF	CORTEZ CO	376.7	CP	BDFCDTT	-20060324AAJ
06	K06HT	ELY NV	285.0	CP	BDFCDTV	-20090720ADR
06	KVPX-LD	LAS VEGAS NV	284.6	CP MOD	BMPDVL	-20090612AES
06	K53DG	LAUGHLIN NV	320.7	CP	BDISDTV	-20090629ABY
06	K06DM	PANACA NV	172.6	LIC	BLTTV	-19960826JA
06	K06OB	CANE BEDS,AZ/HILLDAL UT	136.4	LIC	BLTTV	-20060213ABO
06	K06OB	CANE BEDS,AZ/HILLDAL UT	82.2	APP	BMJPTTV	-20090825BCX
06	K06JA-D	CEDAR CANYON UT	32.2	LIC	BLDTV	-20090728ABI
06	K06FL	FISH LAKE RESORT UT	133.0	LIC	BLTTV	-4131
06	K06KO	KANARRAVILLE, ETC. UT	61.3	LIC	BLTTV	-20061219ABF
06	K06IG	KOOSHAREM UT	123.8	LIC	BLTTV	-4279
06	K06BS	LOA, ETC. UT	121.0	LIC	BLTTV	-3916
06	K06NR	NAVAJO MTN.SCH.,ETC. UT	163.5	LIC	BLTTV	-20060222ABF
06	K06BQ	RICHFIELD, ETC. UT	131.4	LIC	BLTTV	-19961217JA
06	KGHD-LP	ST. GEORGE UT	106.1	LIC	BLTVL	-20100305AAS
06	K06PE	ST. GEORGE2 UT	127.4	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KGHD-LP	ST. GEORGE UT	BLTVL	-20100305AAS

(NOTE: AFFECTED STATION IS THE STATION BEING MODIFIED BY THIS PROPOSAL. THE STUDIES TO THIS AFFECTED STATION ARE, THEREFORE, REMOVED.)

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