

2000 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-21-2009 Time: 09:41:56

Record Selected for Analysis

NEW BSFDTL -20200823AAU BOISE ID US
Channel 14 ERP 00005 kW HAAT 000-8 m RCAMSL 01040 m
Latitude 043-35-41 Longitude 116 -8 -39
Status APP Zone 0 Border Offset
Dir Antenna Make CDB Model 00000000020067 Beam tilt N Ref Azimuth 287
Last update 00000000 Cutoff date 00000000 Docket
Comments
Applicant MAKO COMMUNICATIONS, LLC

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)	51.0 dBu F(50,90) (km)
0.0	0.026	33.0	7.0
45.0	0.000	33.0	2.7
90.0	0.000	33.0	2.7
135.0	0.000	33.0	2.7
180.0	0.000	73.4	3.9
225.0	0.187	149.7	24.2
270.0	4.055	206.9	43.5
315.0	2.870	181.3	40.2

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite 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 3.06km from AM station
 MERIDIAN ID NEW Status: Antenna: DAN
 Proposed station is 3.06km from AM station
 KUNA ID NEW Status: Antenna: DAN

 Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN	
14	NEW	BOISE ID		BSFDTL	20200823AAU

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	SEVERANCE RANCH, ETC OR	395.7	CP	BDCCDTL	-20080826ACU
14	NEW	BEOVAWE NV	333.6	CP	BDCCDTL	-20060922AEP
14	K14HT	WALLA WALLA, ETC. WA	301.5	LIC	BLTT	-19910213IG
14	NEW	TWIN FALLS ID	170.0	CP	BDCCDTL	-20061027ABZ
14	KPMT-LP	PULLMAN WA	362.6	CP	BDISTTL	-20080104ACG
14	K14IU	FRENCHTOWN, ETC. MT	401.6	LIC	BLTT	-19950310IB
14	K14IJ	LEADORE ID	256.9	LIC	BLTT	-19920827JC
14	K14IC	BURLEY, ETC. ID	242.1	LIC	BLTT	-19910215IM
14	K14IJ	LEADORE ID	256.9	CP	BDFCDTT	-20090604ACC
14	K14IC	BURLEY ID	242.1	CP	BDFCDTT	-20090629ABS
14	K59BV	LAVA HOT SPRINGS ID	353.4	LIC	BLTT	-20060817ABW
14	K14MR-D	WINNEMUCCA NV	316.5	LIC	BLDTT	-20070404ACF
15	K15DY	ONTARIO, ETC. OR	80.2	CP	BDFCDTT	-20081016AAC
15	K15DY	ONTARIO, ETC. OR	80.2	LIC	BLTT	-19930802IG
15	K15HR	MACKAY ID	201.9	CP	BDFCDTT	-20090529ADH
15	K17CY	MACKAY ID	201.9	LIC	BLTT	-20060908AAH
16	KKIC-LP	BOISE ID	16.1	LIC	BLTTTL	-20060419AAE
17	K17ED	PAYETTE ID	80.2	LIC	BLTTTL	-19980713JE

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	NEW	SEVERANCE RANCH, ETC OR	BDCCDTL	-20080826ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KAPP-DT	YAKIMA WA	235.3	LIC	BLCDDT	-20061101ADI
14	K14HN	VANCOUVER/CAMAS WA	177.8	CP	BDFCDTL	-20090810ABX
14	KTBW-TV	TACOMA WA	373.6	APP	BPCDDT	-20080619ADM
14	KTBW-DT	TACOMA WA	373.6	LIC	BLCDDT	-20060615AAY
14	KRHP-LP	THE DALLES OR	135.7	CP	BDFCDTA	-20090717AAF
21	KTVZ-DT	BEND OR	50.0	CP MOD	BMPCDDT	-20080612ABU
29	K29CI	PRINEVILLE, ETC. OR	26.8	LIC	BLTT	-19911031SK

14 NEW BOISE ID 395.7 APP BSFDTL -20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	NEW	BEOVAWE NV	BDCCDTL -20060922AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14MR-D	WINNEMUCCA NV	100.1	LIC	BLDTT -20070404ACF
14	NEW	BOISE ID	333.6	APP	BSFDTL -20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	K14HT	WALLA WALLA, ETC. WA	BLTT -19910213IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KAPP-DT	YAKIMA WA	187.6	LIC	BLCDT -20061101ADI
14	KTBW-TV	TACOMA WA	392.5	APP	BPCDT -20080619ADM
14	K14BF	WENATCHEE WA	232.6	CP	BDFCDTT -20060323AAQ
14	KTBW-DT	TACOMA WA	392.5	LIC	BLCDT -20060615AAY
14	KPMT-LP	PULLMAN WA	150.6	CP	BDISTTL -20080104ACG
16	KUNP	LA GRANDE OR	73.0	APP	BPRM -20080620AOS
16	KUNP	LA GRANDE OR	73.0	CP	BPCDT -20081210AAJ
17	KWSU-DT	PULLMAN WA	142.0	LIC	BLEDT -20060726ATL
18	KEPR-DT	PASCO WA	75.6	APP	BPCDT -20080617ADA
18	KEPR-DT	PASCO WA	75.6	LIC	BLCDT -20070228ABD
29	K29EG	MILTON, ETC OR	2.2	CP	BDFCDTT -20090728AFA
14	NEW	BOISE ID	301.5	APP	BSFDTL -20200823AAU

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.
14	NEW	TWIN FALLS ID	BDCCDTL -20061027ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14IC	BURLEY ID	72.6	CP	BDFCDTT -20090629ABS
14	K59BV	LAVA HOT SPRINGS ID	197.6	LIC	BLTT -20060817ABW
22	KIPT-DT	TWIN FALLS ID	0.0	LIC	BLEDT -20030530BKW
22	KIPT-DT	TWIN FALLS ID	0.0	CP	BPEDT -20080620AGQ
14	NEW	BOISE ID	170.0	APP	BSFDTL -20200823AAU

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.
14	KPMT-LP	PULLMAN WA	BDISTTL -20080104ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KAPP-DT	YAKIMA WA	275.7	LIC	BLCDDT -20061101ADI
14	K14HT	WALLA WALLA, ETC. WA	150.6	LIC	BLTT -19910213IG
15	KHQ-TV	SPOKANE WA	90.2	LIC	BPRM -20080619ALL
15	KHQ-DT	SPOKANE WA	90.2	APP	BMPCDDT -20090708AGE
15	KHQ-DT	SPOKANE WA	90.2	LIC	BLCDDT -20050630AAE
17	KWSU-DT	PULLMAN WA	20.3	LIC	BLEDT -20060726ATL
28	KAYU-TV	SPOKANE WA	90.0	CP	BPCDDT -20080402AAX
28	KAYU-DT	SPOKANE WA	90.0	APP	BMPCDDT -20080617ADY
14	NEW	BOISE ID	362.6	APP	BSFDTL -20200823AAU

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	K14IU	FRENCHTOWN, ETC. MT	BLTT -19950310IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14LT	POLSON MT	93.1	LIC	BLDDT -20090723ADA
17	KMMF	MISSOULA MT	6.6	CP	BPCDDT -20080515AAK
14	NEW	BOISE ID	401.6	APP	BSFDTL -20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14IJ	LEADORE ID	BLTT	-19920827JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KISU-DT	POCATELLO ID	144.6	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	144.5	LIC	BLEDT	-20030131AHZ
14	NEW	BOISE ID	256.9	APP	BSFDTL	-20200823AAU

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.
14	K14IC	BURLEY, ETC. ID	BLTT	-19910215IM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	TWIN FALLS ID	72.6	CP	BDCCDTL	-20061027ABZ
14	K59BV	LAVA HOT SPRINGS ID	134.3	LIC	BLTT	-20060817ABW
15	KPIF-DT	POCATELLO ID	102.1	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	102.1	CP	BPCDT	-20080304ACO
17	KISU-DT	POCATELLO ID	142.1	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	142.1	LIC	BLEDT	-20030131AHZ
22	KIPT-DT	TWIN FALLS ID	72.6	LIC	BLEDT	-20030530BKW
22	KIPT-DT	TWIN FALLS ID	72.6	CP	BPEDT	-20080620AGQ
14	NEW	BOISE ID	242.1	APP	BSFDTL	-20200823AAU

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.
14	K14IJ	LEADORE ID	BDFCDTT	-20090604ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KISU-DT	POCATELLO ID	144.6	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	144.5	LIC	BLEDT	-20030131AHZ
14	NEW	BOISE ID	256.9	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14IC	BURLEY ID	BDFCDTT	-20090629ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	TWIN FALLS ID	72.6	CP	BDCCDTL	-20061027ABZ
14	K59BV	LAVA HOT SPRINGS ID	134.3	LIC	BLTT	-20060817ABW
15	KPIF-DT	POCATELLO ID	102.1	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	102.1	CP	BPCDT	-20080304ACO
17	KISU-DT	POCATELLO ID	142.1	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	142.1	LIC	BLEDT	-20030131AHZ
22	KIPT-DT	TWIN FALLS ID	72.6	LIC	BLEDT	-20030530BKW
22	KIPT-DT	TWIN FALLS ID	72.6	CP	BPEDT	-20080620AGQ
14	NEW	BOISE ID	242.1	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K59BV	LAVA HOT SPRINGS ID	BLTT	-20060817ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	TWIN FALLS ID	197.6	CP	BDCCDTL	-20061027ABZ
15	KPIF-DT	POCATELLO ID	50.7	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	50.7	CP	BPCDT	-20080304ACO
17	KISU-DT	POCATELLO ID	112.2	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	112.3	LIC	BLEDT	-20030131AHZ
29	NEW	LAVA HOT SPRINGS ID	0.1	APP	BNPTTL	-20000829ALU
14	NEW	BOISE ID	353.4	APP	BSFDTL	-20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14MR-D	WINNEMUCCA NV	BLDTT	-20070404ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	BEOAWA NV	100.1	CP	BDCCDTL	-20060922AEP
14	K14KQ	LOVELOCK NV	110.1	LIC	BLTT	-20030922ACF
15	K15AL	WINNEMUCCA NV	0.0	LIC	BLDTT	-20070404AAO
29	K65BL	VALMY & RED HOUSE NV	31.8	LIC	BLTT	-20030905AAS
14	NEW	BOISE ID	316.5	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15DY	ONTARIO, ETC. OR	BDFCDTT	-20081016AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KHQ-TV	SPOKANE WA	392.2	LIC	BPRM	-20080619ALL
15	KHQ-DT	SPOKANE WA	392.2	APP	BMPCDT	-20090708AGE
15	KHQ-DT	SPOKANE WA	392.2	LIC	BLCDDT	-20050630AAE
15	KPIF-DT	POCATELLO ID	378.0	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	378.0	CP	BPCDDT	-20080304ACO
14	NEW	BOISE ID	80.2	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15DY	ONTARIO, ETC. OR	BLTT	-19930802IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KHQ-TV	SPOKANE WA	392.0	LIC	BPRM	-20080619ALL
15	KHQ-DT	SPOKANE WA	392.0	APP	BMPCDT	-20090708AGE
15	KHQ-DT	SPOKANE WA	392.1	LIC	BLCDDT	-20050630AAE
15	KPIF-DT	POCATELLO ID	378.0	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	378.0	CP	BPCDDT	-20080304ACO
14	NEW	BOISE ID	80.2	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K15HR	MACKAY ID	BDFCDTT	-20090529ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	NEW	HELENA MT	322.5	ADD	BPRM	-19960920AAB
15	KPIF-DT	POCATELLO ID	150.5	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	150.5	CP	BPCDT	-20080304ACO
17	KISU-DT	POCATELLO ID	94.2	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	94.0	LIC	BLEDT	-20030131AHZ
14	NEW	BOISE ID	201.9	APP	BSFDTL	-20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	K17CY	MACKAY ID	BLTT	-20060908AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	NEW	HELENA MT	322.5	ADD	BPRM	-19960920AAB
15	KPIF-DT	POCATELLO ID	150.5	APP	BMPCDT	-20080620AHZ
15	KPIF-DT	POCATELLO ID	150.5	CP	BPCDT	-20080304ACO
17	KISU-DT	POCATELLO ID	94.2	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	94.0	LIC	BLEDT	-20030131AHZ
14	NEW	BOISE ID	201.9	APP	BSFDTL	-20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	KKIC-LP	BOISE ID	BLTTL	-20060419AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	KUNP	LA GRANDE OR	215.5	APP	BPRM	-20080620AOS
16	KUNP	LA GRANDE OR	215.5	CP	BPCDT	-20081210AAJ
17	KAID	IDAHO CITY ID	25.8	CP	BDRTET	-20090604ABB
24	KIVI-DT	NAMPA ID	3.6	LIC	BLCDT	-20060724ADJ
31	K31FD	BOISE ID	3.6	CP	BDFCDTA	-20090811AAD
31	K31FD	BOISE ID	3.6	LIC	BLTTA	-20011128ACV
14	NEW	BOISE ID	16.1	APP	BSFDTL	-20200823AAU

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	K17ED	PAYETTE ID	BLTTT	-19980713JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KAID	IDAHO CITY ID	87.5	CP	BDRTET	-20090604ABB
17	KMMF	MISSOULA MT	380.9	CP	BPCDT	-20080515AAK
17	KWSU-DT	PULLMAN WA	311.9	LIC	BLEDT	-20060726ATL
17	KISU-DT	POCATELLO ID	346.4	CP	BPEDT	-20080620AGK
17	KISU-DT	POCATELLO ID	346.3	LIC	BLEDT	-20030131AHZ
21	KAID-DT	BOISE ID	73.1	LIC	BLEDT	-20070712ABY
24	KIVI-DT	NAMPA ID	73.1	LIC	BLCDT	-20060724ADJ
14	NEW	BOISE ID	80.2	APP	BSFDTL	-20200823AAU

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	NEW	BOISE ID	BSFDTL	-20200823AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	NEW	TWIN FALLS ID	170.0	CP	BDCCDTL	-20061027ABZ
21	KAID-DT	BOISE ID	18.3	LIC	BLEDT	-20070712ABY
28	KBCI-DT	BOISE ID	18.3	LIC	BLCDT	-20020417AAZ
28	KBCI-TV	BOISE ID	18.3	CP	BPCDT	-20080619AKX

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 19
Before Analysis

Results for: 14A ID BOISE BSFDTL 20200823AAU APP
HAAT 0.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	408794	1865.4
not affected by terrain losses	404263	1838.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	92	2.0
lost to ATV IX only	92	2.0
lost to all IX	92	2.0

Potential Interfering Stations Included in above Scenario 1

14A ID TWIN FALLS BDCCDTL 20061027ABZ CP

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