

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbb/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-14-2012 Time: 14:05:43

Record Selected for Analysis

NEW09A USERRECORD-01 LAPINE OR US
Channel 09 ERP 0.3 kW HAAT 93. m RCAMSL 01451 m SIMPLE MASK
Latitude 043-39-00 Longitude 0121-25-44
Status APP Zone 1 Border Site number: 01
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
Service Class = LD
Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	48.0	dBu F(50,90)
(Deg)	(kW)	(m)		(km)
0.0	0.300	123.1		32.9
45.0	0.300	33.0		18.2
90.0	0.300	33.0		18.2
135.0	0.300	33.0		18.2
180.0	0.300	75.7		26.5
225.0	0.300	142.7		34.9
270.0	0.300	147.6		35.4
315.0	0.300	162.3		37.0

Database HAAT does not agree with computed HAAT
Database HAAT: 93 Computed HAAT: 94

Contour Overlap to Proposed Station

Station
K09YE 9 LA PINE OR BLTTV20070504ACK

Station inside contour of Digital LPTV station
NEW09A 9 LAPINE OR USERRECORD01

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

*

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
09	NEW09A	LAPINE OR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	K08OB-D	NEWELL CA	199.7	LIC	BLDTV	-
20081215ACC						
08	K08NP	JOHN DAY OR	215.8	LIC	BLTVL	-
20060721AAK						
08	K08NP	JOHN DAY OR	215.8	CP	BDFCDVL	-
20100113AAN						
08	KSYS	MEDFORD OR	180.6	LIC	BLEDT	-
20090520ABE						
08	K08LG	SILVER LAKE, ETC. OR	69.8	CP	BDFCDTV	-
20101015ABF						
08	K08LG	SILVER LAKE, ETC. OR	69.7	LIC	BLTTV	-
19910906IC						
09	K09VQ	CRESCENT CITY CA	298.3	LIC	BLTTV	-
19951106II						
09	KUVU-LP	EUREKA CA	386.6	LIC	BLTVL	-
20060925AAA						
09	K09PI	HAPPY CAMP, ETC. CA	253.6	LIC	BLTTV	-
19801204IE						
09	KIXE-TV	REDDING CA	353.4	LIC	BLEDT	-
20080909ABK						
09	K09MM	PARADISE VALLEY NV	385.0	LIC	BLTTV	-4603
09	KEZI	EUGENE OR	136.0	LIC	BLCDT	-
20090225ADH						

09	K51LM-D	MEDFORD OR	187.9	CP	BNPDVL	-
20090825	BEZ					
09	K09VC	PAISLEY OR	127.7	LIC	BLTTV	-
19890322	IA					
09	K09VC	PAISLEY OR	127.7	CP	BDFCDTV	-
20111209	HJM					
10	KTVL	MEDFORD OR	203.6	LIC	BLCDT	-
20090612	AGJ					

%%
%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08OB-D	NEWELL CA	BLDTV	-20081215ACC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	K08OR-D	CANBY CA	67.6	LIC	BLDTV	-
20081017	AFR					
08	KQSL	FORT BRAGG CA	305.9	LIC	BLCDT	-
20090610	AAS					
08	KOLO-TV	RENO NV	307.6	LIC	BLCDT	-
20090612	ABN					
08	KSYS	MEDFORD OR	181.9	LIC	BLEDT	-
20090520	ABE					
08	K08LG	SILVER LAKE, ETC. OR	150.2	CP	BDFCDTV	-
20101015	ABF					
09	NEW09A	LAPINE OR	199.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08NP	JOHN DAY OR	BLTVL	-20060721AAK

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KGW	PORTLAND OR	321.5	LIC	BLCDT	-
20091223	AMO					
08	K08KW	RICHLAND OR	149.9	LIC	BLTTV	-

20020320ABT
09 NEW09A LAPINE OR 215.8 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08NP	JOHN DAY OR	BDFCDVL	-20100113AAN

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KGW	PORTLAND OR	321.5	LIC	BLCDT	-
20091223	AMO					
08	K08KW	RICHLAND OR	149.9	CP	BDFCDTV	-
20110919	AEF					
08	K08KW	RICHLAND OR	149.9	LIC	BLTTV	-
20020320	ABT					
09	NEW09A	LAPINE OR	215.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KSYS	MEDFORD OR	BLEDT	-20090520ABE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KOAC-TV	CORVALLIS OR	216.6	LIC	BLEDT	-
20090619	AAE					
08	KQSL	FORT BRAGG CA	334.5	LIC	BLCDT	-
20090610	AAS					
08	KGW	PORTLAND OR	316.9	LIC	BLCDT	-
20091223	AMO					
09	KEZI	EUGENE OR	159.3	LIC	BLCDT	-
20090225	ADH					
09	NEW09A	LAPINE OR	180.6	APP	USERRECORD-01	

Proposal causes no interference

#

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08LG	SILVER LAKE, ETC. OR	BDFCDTV -20101015ABF

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KBNZ-LD	BEND OR	107.8	LIC	BLDVL -
20081016AEM					
07	K07NR-D	LAKEVIEW, ETC. OR	115.8	LIC	BLDTV -
20081201AKV					
08	KSYS	MEDFORD OR	198.4	LIC	BLEDT -
20090520ABE					
08	KGW	PORTLAND OR	301.1	LIC	BLCDT -
20091223AMO					
09	K09VC	PAISLEY OR	58.5	CP	BDFCDTV -
20111209HJM					
09	NEW09A	LAPINE OR	69.8	APP	USERRECORD-01
Proposal causes no interference					

#

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08LG	SILVER LAKE, ETC. OR	BLTTV -19910906IC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	KSYS	MEDFORD OR	198.2	LIC	BLEDT -
20090520ABE					
08	KGW	PORTLAND OR	301.0	LIC	BLCDT -
20091223AMO					
09	NEW09A	LAPINE OR	69.7	APP	USERRECORD-01
Proposal causes no interference					

#

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09VQ	CRESCENT CITY CA	BLTTV	-19951106II

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KSYS	MEDFORD OR	120.1	LIC	BLEDT	-
20090520	ABE					
09	KUVU-LP	EUREKA CA	124.8	LIC	BLTVL	-
20060925	AAA					
09	K09PI	HAPPY CAMP, ETC. CA	64.5	LIC	BLTTV	-
19801204	IE					
09	KIXE-TV	REDDING CA	185.4	LIC	BLEDT	-
20080909	ABK					
09	KEZI	EUGENE OR	268.9	LIC	BLCDT	-
20090225	ADH					
09	K51LM-D	MEDFORD OR	111.3	CP	BNPDVL	-
20090825	BEZ					
10	K10LR	BROOKINGS OR	23.8	LIC	BLTTV	-
19820728	IB					
10	K10LR	BROOKINGS OR	23.8	CP	BDFCDTV	-
20111026	AEQ					
10	KTVL	MEDFORD OR	119.7	LIC	BLCDT	-
20090612	AGJ					
09	NEW09A	LAPINE OR	298.3	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KUVU-LP	EUREKA CA	BLTVL	-20060925AAA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KQSL	FORT BRAGG CA	119.6	LIC	BLCDT	-
20090610	AAS					
08	KEET	HOOPA CA	48.7	LIC	BLEDT	-
20120105	ABF					
08	K08LD	MIRANDA CA	57.8	LIC	BLTTV	-
19900424	JD					
08	K08GR	WILLOW CREEK CA	38.9	LIC	BLTTV	-3272
09	K09VQ	CRESCENT CITY CA	124.8	LIC	BLTTV	-
19951106	II					
09	K09PI	HAPPY CAMP, ETC. CA	136.0	LIC	BLTTV	-
19801204	IE					
09	KIXE-TV	REDDING CA	112.5	LIC	BLEDT	-

20080909ABK						
09	KVIE	SACRAMENTO CA	345.4	LIC	BMLEDT	-
20100913ABV						
09	KEZI	EUGENE OR	385.1	LIC	BLCDT	-
20090225ADH						
10	K10FS	RIO DELL, SCOTIA CA	35.3	LIC	BLTTV	-4232
09	NEW09A	LAPINE OR	386.6	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09PI	HAPPY CAMP, ETC. CA	BLTTV	-19801204IE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	K08EQ	SEIAD VALLEY CA	9.8	LIC	BLTTV	-4006
08	KSYS	MEDFORD OR	93.3	LIC	BLEDT	-
20090520ABE						
09	K09VQ	CRESCENT CITY CA	64.5	LIC	BLTTV	-
19951106II						
09	KUVU-LP	EUREKA CA	136.0	LIC	BLTVL	-
20060925AAA						
09	KIXE-TV	REDDING CA	151.5	LIC	BLEDT	-
20080909ABK						
09	KEZI	EUGENE OR	252.6	LIC	BLCDT	-
20090225ADH						
09	K51LM-D	MEDFORD OR	70.0	CP	BNPDVL	-
20090825BEZ						
10	KTVL	MEDFORD OR	58.0	LIC	BLCDT	-
20090612AGJ						
09	NEW09A	LAPINE OR	253.6	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KIXE-TV	REDDING CA	BLEDT	-20080909ABK

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
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08	KQSL	FORT BRAGG CA	128.1	LIC	BLCDT	-
20090610AAS						
09	KVIE	SACRAMENTO CA	277.1	LIC	BMLEDT	-
20100913ABV						
09	KEZI	EUGENE OR	391.6	LIC	BLCDT	-
20090225ADH						
10	KTVL	MEDFORD OR	164.4	LIC	BLCDT	-
20090612AGJ						
09	NEW09A	LAPINE OR	353.4	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09MM	PARADISE VALLEY NV	BLTTV	-4603

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	K08NM	OROVADA NV	12.9	LIC	BLTTV	-
20030307ADM						
09	KBOI-TV	BOISE ID	261.3	CP	BPCDT	-
20091001AAR						
09	KBCI-DR	BOISE ID	261.3	APP	BPRM	-
20090529ARY						
09	K09XP	BEOVAWE NV	137.6	LIC	BLTTV	-
20051006ADG						
10	K10HJ	KINGS RIVER, ETC. NV	42.3	LIC	BLTTV	-3723
09	NEW09A	LAPINE OR	385.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KEZI	EUGENE OR	BLCDT	-20090225ADH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KSYS	MEDFORD OR	159.3	LIC	BLEDT	-
20090520ABE						

08	KGW	PORTLAND OR	157.6	LIC	BLCDT	-
20091223AMO						
09	KIXE-TV	REDDING CA	391.6	LIC	BLEDT	-
20080909ABK						
09	KCTS-TV	SEATTLE WA	392.7	LIC	BLEDT	-
20090612AAN						
10	KTVL	MEDFORD OR	227.3	LIC	BLCDT	-
20090612AGJ						
10	KOPB-TV	PORTLAND OR	157.6	LIC	BLEDT	-
20090619AAF						
10	KOPB-TV	PORTLAND OR	157.6	APP	BPEDT	-
20100510ASK						
09	NEW09A	LAPINE OR	136.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 12
Before Analysis

Results for: 9A OR EUGENE BLCDT 20090225ADH LIC
HAAT 533.0 m, ATV ERP 43.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809036	41433.4
not affected by terrain losses	668696	32423.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	40669	135.3
lost to ATV IX only	40669	135.3
lost to all IX	40669	135.3

Potential Interfering Stations Included in above Scenario 1

8A OR MEDFORD	BLEDT	20090520ABE	LIC
8A OR PORTLAND	BLCDT	20091223AMO	LIC
9A CA REDDING	BLEDT	20080909ABK	LIC
10A OR PORTLAND	BLEDT	20090619AAF	LIC

After Analysis

Results for: 9A OR EUGENE BLCDT 20090225ADH LIC
HAAT 533.0 m, ATV ERP 43.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809036	41433.4
not affected by terrain losses	668696	32423.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	40669	324.8
lost to ATV IX only	40669	324.8
lost to all IX	40669	324.8

Potential Interfering Stations Included in above Scenario 1

8A OR MEDFORD	BLEDT	20090520ABE	LIC
8A OR PORTLAND	BLCDT	20091223AMO	LIC
9A CA REDDING	BLEDT	20080909ABK	LIC
10A OR PORTLAND	BLEDT	20090619AAF	LIC
9A OR LAPINE	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 2

Scenario 2 Affected station 12

Before Analysis

Results for: 9A OR EUGENE BLCDT 20090225ADH LIC

HAAT 533.0 m, ATV ERP 43.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809036	41433.4
not affected by terrain losses	668696	32423.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	44906	160.9
lost to ATV IX only	44906	160.9
lost to all IX	44906	160.9

Potential Interfering Stations Included in above Scenario 2

8A OR MEDFORD	BLEDT	20090520ABE	LIC
8A OR PORTLAND	BLCDT	20091223AMO	LIC
9A CA REDDING	BLEDT	20080909ABK	LIC
10A OR PORTLAND	BPEDT	20100510ASK	APP

After Analysis

Results for: 9A OR EUGENE BLCDT 20090225ADH LIC

HAAT 533.0 m, ATV ERP 43.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809036	41433.4
not affected by terrain losses	668696	32423.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	44906	350.5
lost to ATV IX only	44906	350.5
lost to all IX	44906	350.5

Potential Interfering Stations Included in above Scenario 2

8A OR MEDFORD	BLEDT	20090520ABE	LIC
8A OR PORTLAND	BLCDT	20091223AMO	LIC
9A CA REDDING	BLEDT	20080909ABK	LIC
10A OR PORTLAND	BPEDT	20100510ASK	APP
9A OR LAPINE	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
---------	------	------------	----------------------

09 K51LM-D MEDFORD OR BNPDL -20090825BEZ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KSYS	MEDFORD OR	30.6	LIC	BLED	-
20090520ABE						
09	K09VQ	CRESCENT CITY CA	111.3	LIC	BLTTV	-
19951106II						
09	KUVU-LP	EUREKA CA	206.0	LIC	BLTVL	-
20060925AAA						
09	K09PI	HAPPY CAMP, ETC. CA	70.0	LIC	BLTTV	-
19801204IE						
09	KIXE-TV	REDDING CA	207.9	LIC	BLED	-
20080909ABK						
09	KEZI	EUGENE OR	185.4	LIC	BLCDT	-
20090225ADH						
10	KTVL	MEDFORD OR	49.3	LIC	BLCDT	-
20090612AGJ						
09	NEW09A	LAPINE OR	187.9	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09VC	PAISLEY OR	BLTTV	-19890322IA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
09	KIXE-TV	REDDING CA	290.5	LIC	BLED	-
20080909ABK						
09	KBOI-TV	BOISE ID	379.6	CP	BPCDT	-
20091001AAR						
09	KBCI-DR	BOISE ID	379.6	APP	BPRM	-
20090529ARY						
09	KEZI	EUGENE OR	252.8	LIC	BLCDT	-
20090225ADH						
09	NEW09A	LAPINE OR	127.7	APP	USERRECORD-01	
Proposal causes no interference						

#

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	K09VC	PAISLEY OR	BDFCDTV -20111209HJM

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08LG	SILVER LAKE, ETC. OR	58.5	CP	BDFCDTV -
20101015ABF					
09	KIXE-TV	REDDING CA	290.6	LIC	BLEDT -
20080909ABK					
09	KBOI-TV	BOISE ID	379.5	CP	BPCDT -
20091001AAR					
09	KBCI-DR	BOISE ID	379.5	APP	BPRM -
20090529ARY					
09	KEZI	EUGENE OR	252.9	LIC	BLCDT -
20090225ADH					
09	K09YE	LA PINE OR	127.7	LIC	BLTTV -
20070504ACK					
09	NEW09A	LAPINE OR	127.7	APP	USERRECORD-01
Proposal causes no interference					

#

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	KTVL	MEDFORD OR	BLCDT -20090612AGJ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
09	KIXE-TV	REDDING CA	164.4	LIC	BLEDT -
20080909ABK					
09	KEZI	EUGENE OR	227.3	LIC	BLCDT -
20090225ADH					
10	KOPB-TV	PORTLAND OR	382.5	LIC	BLEDT -
20090619AAF					
10	KOPB-TV	PORTLAND OR	382.5	APP	BPEDT -
20100510ASK					
11	KEET	EUREKA CA	183.1	LIC	BLEDT -
20071101AAG					
11	KCBY-TV	COOS BAY OR	185.6	LIC	BLCDT -
20090612AGE					
09	NEW09A	LAPINE OR	203.6	APP	USERRECORD-01
Proposal causes no interference					

#

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	NEW09A	LAPINE OR	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08LG	SILVER LAKE, ETC. OR	69.8	CP	BDFCDTV -
20101015ABF					
09	KIXE-TV	REDDING CA	353.4	LIC	BLEDT -
20080909ABK					
09	KEZI	EUGENE OR	136.0	LIC	BLCDT -
20090225ADH					

Total scenarios = 1

Result key: 3
 Scenario 1 Affected station 17
 Before Analysis

Results for: 9A OR LAPINE USERRECORD01 APP

HAAT 93.0 m, ATV ERP 0.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	14919	2602.5
not affected by terrain losses	14676	2530.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

 #

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED