



LOHNES &
CULVER
A Limited Liability Company
TELECOMMUNICATIONS CONSULTANTS

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Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-12-2013 Time: 09:50:01

Record Selected for Analysis

K50KW USERRECORD-01 GOLD HILL OR US
Channel 50 ERP 0.662 kW HAAT 161. m RCAMSL 00662 m STRINGENT MASK
Latitude 042-25-42 Longitude 0123-00-04
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model 3XK723147K50FW Beam tilt N Ref Azimuth 0.
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	51.0 dBu F(50, 90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.113	131.8	20.3	
45.0	0.527	223.8	33.7	
90.0	0.614	274.5	37.0	
135.0	0.534	255.7	35.4	
180.0	0.057	33.0	8.5	
225.0	0.013	33.0	6.0	
270.0	0.131	270.4	28.6	
315.0	0.033	73.1	11.0	

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	Call	City/State	ARN
50	K50KW	GOLD HILL OR	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	K36HL	GRANTS PASS OR	23.1	LIC	BLTT	-20051110AED
42	KQSX-LP	CAL - OREGON CA	138.7	LIC	BLTTL	-20090819AHE
46	K46AS	COOS BAY OR	141.4	LIC	BLTT	-19980911JB
46	K46KS-D	ROSEBURG OR	91.4	APP	BDISTT	-20090501APM
47	K47GI	GRANTS PASS OR	23.0	LIC	BLTTA	-20090318AEJ
47	K47HT	ROSEBURG OR	91.4	LIC	BLTTL	-20030129ALF
49	K49IG-D	YREKA CA	79.5	LIC	BLDTL	-20100923AFX
49	KBSC-LP	BROOKINGS OR	109.8	LIC	BLTTL	-19921120ID
49	K49DM-D	COOS BAY OR	144.2	LIC	BLDTL	-20090226AAO
49	KAMK-LD	EUGENE OR	175.3	LIC	BLDTL	-20120126AFX
49	K49JE-D	MURPHY, ETC. OR	23.1	LIC	BLDTT	-20091022ABS
50	KBIT-LD	CHICO CA	371.7	LIC	BLDTL	-20121109ADG
50	K50HJ-D	LITCHFIELD CA	341.0	LIC	BLDTT	-20111205AAV
50	K50GP	REDDING CA	208.6	LIC	BLTT	-20010910AAB
50	K50MR-D	SOUTH EUREKA, LOLETA CA	214.9	LIC	BLDTL	-20120611ACK
50	KUBN-LD	BEND OR	255.9	APP	BDFCDTL	-20060331BDR
50	K50CT-D	COTTAGE GROVE OR	150.1	LIC	BLDTT	-20091217AFH
50	K50CE-D	HOOD RIVER OR	385.4	LIC	BLDTT	-20120514AED
50	K50CE-D	HOOD RIVER OR	385.4	APP	BDFCDTT	-20100429AAL
50	K50GG-D	SALEM OR	284.4	LIC	BLDTL	-20120524AGI
51	K51LK-D	REDDING CA	201.2	CP	BNPDTL	-20090831ABB
51	K51BV-D	CAVE JUNCTION OR	57.5	LIC	BLDTT	-20110218ABF
51	K51JB-D	FLORENCE OR	190.9	LIC	BLDTT	-20100114AED
51	K51EY-D	LONDON SPRINGS OR	134.5	LIC	BLDTT	-20091109ABA
51	K51GJ-D	ROSEBURG OR	91.4	LIC	BLDTT	-20100721FZN

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	K36HL	GRANTS PASS OR	BLTT -20051110AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KDKF	KLAMATH FALLS OR	140.1	LIC	BLCDT	-20080215APO
33	KFTS	KLAMATH FALLS OR	140.1	LIC	BLEDT	-20060202AHF
36	K36HM-D	FORT DICK CA	89.6	LIC	BLDTT	-20090810ACY
36	K36KF-D	MEDFORD OR	18.9	CP	BNPDTL	-20090825BFO
36	K36IB-D	MIDLAND, ETC. OR	113.9	LIC	BLDDT	-20090921ACJ
36	K36JZ-D	ROSEBURG OR	88.3	CP	BNPDTL	-20090825BHJ
50	K50KW	GOLD HILL OR	23.1	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.
42	KQSX-LP	CAL - OREGON CA	BLTTL	-20090819AHE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
42	K42JQ-D	REDDING CA	73.6	CP	BNPDTL -20091231ABZ
42	K42GV	SUSANVILLE, ETC. CA	188.8	LIC	BLTTL -20070620AEA
42	KSYS	JACKSONVILLE OR	117.7	LIC	BLEDT -20090929ACH
42	K42JO-D	KLAMATH FALLS OR	105.4	CP	BNPDTL -20091218AFK
50	K50KW	GOLD HILL OR	138.7	APP	USERRECORD-01

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.
46	K46AS	COOS BAY OR	BLTT	-19980911JB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KTCW	ROSEBURG OR	65. 4	LIC	BLCOT -20030618ABF
46	K46KS-D	ROSEBURG OR	65. 6	APP	BDISTT -20090501APM
46	K46KS-D	ROSEBURG OR	65. 6	LIC	BLDIT -20110218ABJ
50	K50KW	GOLD HILL OR	141. 4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	K46KS-D	ROSEBURG OR	BDISTT -20090501APM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KTCW	ROSEBURG OR	0.1	LIC	BLCOT -20030618ABF
46	K46AS	COOS BAY OR	65.6	LIC	BLTT -19980911JB
46	K46IP-D	COTTAGE GROVE OR	68.7	LIC	BLD TT -20090330AAN
47	K47HT	ROSEBURG OR	1.5	LIC	BLTTL -20030129ALF
50	K50KW	GOLD HILL OR	91.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47GI	GRANTS PASS OR	BLTTA -20090318AEJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KTCW	ROSEBURG OR	91.9	LIC	BLCDT -20030618ABF

46	K46CH-D	GOLD HILL OR	23.0	LIC	BLDTT	-20120130AJR
47	K47DV-D	SOUTH YREKA CA	90.6	LIC	BLDTL	-20100204ABF
47	K47LD-D	PHOENIX, TALENT OR	44.1	LIC	BLDTT	-20080528ACV
47	K47LD-D	PHOENIX, TALENT OR	44.1	CP	BPDTT	-20120411ABR
47	K47HT	ROSEBURG OR	91.6	LIC	BLTTL	-20030129ALF
48	K48GO-D	CAVE JUNCTION OR	34.7	LIC	BLDTL	-20110128ACT
48	KFBI-LD	MEDFORD OR	44.2	LIC	BLDTL	-20091016ABK
50	K50KW	GOLD HILL OR	23.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	K47HT	ROSEBURG OR	BLTTL -20030129ALF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KTCW	ROSEBURG OR	1.4	LIC	BLCDT -20030618ABF
46	K46KS-D	ROSEBURG OR	1.5	APP	BDISTT -20090501APM
46	K46KS-D	ROSEBURG OR	1.5	LIC	BLDTT -20110218ABJ
47	K47AV-D	COTTAGE GROVE OR	69.6	LIC	BLDTT -20120229ABU
47	K47GI	GRANTS PASS OR	91.6	LIC	BLTTA -20090318AEJ
47	K47GI	GRANTS PASS OR	91.6	CP	BDFCDTA -20091102AAJ
47	K47GI	GRANTS PASS OR	91.6	APP	BDFCDTA -20060728ABI
47	K47LD-D	PHOENIX, TALENT OR	113.0	CP	BPDTT -20120411ABR
48	NEW	ROSEBURG OR	0.0	APP	BNPDTL -20091014AFE
50	K50KW	GOLD HILL OR	91.4	APP	USERRECORD-01

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.
49	K49IG-D	YREKA CA	BLDTL -20100923AFX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48GO-D	CAVE JUNCTION OR	97.6	LIC	BLDTL -20110128ACT

48	K48HV-D	KLAMATH FALLS OR	96.4	LIC	BLDTL	-20100928AAC
48	KFBI-LD	MEDFORD OR	61.2	LIC	BLDTL	-20091016ABK
49	KBSC-LP	BROOKINGS OR	131.4	LIC	BLTTL	-19921120ID
49	K49DM-D	COOS BAY OR	218.6	LIC	BLDTL	-20090226AAO
49	K49JE-D	MURPHY, ETC. OR	88.0	LIC	BLDTT	-20091022ABS
50	K50FW	GRANTS PASS OR	79.5	CP	BDFCDTL	-20130524ADD
50	K50KW	GOLD HILL OR	79.5	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.
49	KBSC-LP	BROOKINGS OR	BLTTL -19921120ID

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48GO-D	CAVE JUNCTION OR	52.5	LIC	BLDTL -20110128ACT
49	K49IG-D	YREKA CA	131.4	LIC	BLDTL -20100923AFX
49	K49JE-D	MURPHY, ETC. OR	88.1	LIC	BLDTT -20091022ABS
50	K50KW	GOLD HILL OR	109.8	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.
49	K49DM-D	COOS BAY OR	BLDTL -20090226AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48GC-D	FLORENCE OR	68.2	LIC	BLDTL -20120612AAX
48	NEW	ROSEBURG OR	71.7	APP	BNPDTL -20091014AFE
49	K49IG-D	YREKA CA	218.6	LIC	BLDTL -20100923AFX
49	KBSC-LP	BROOKINGS OR	144.7	LIC	BLTTL -19921120ID
49	KAMK-LD	EUGENE OR	115.9	LIC	BLDTL -20120126AFX
49	K49JE-D	MURPHY, ETC. OR	130.7	LIC	BLDTT -20091022ABS
50	K50KW	GOLD HILL OR	144.2	APP	USERRECORD-01

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.
49	KAMK-LD	EUGENE OR	BLDTL -20120126AFX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48MP-D	CORVALLIS OR	57.1	LIC	BLDTT -20111031ADB
48	K48KC-D	COTTAGE GROVE OR	25.6	LIC	BLDTT -20090330AAO
48	K48GC-D	FLORENCE OR	77.0	LIC	BLDTL -20120612AAX
49	K49KT-D	BEND OR	171.9	LIC	BLDTL -20101004AAQ
49	K49DM-D	COOS BAY OR	115.9	LIC	BLDTL -20090226AAO
49	K49JE-D	MURPHY, ETC. OR	177.4	LIC	BLDTT -20091022ABS
49	KWVT-LD	SALEM OR	171.3	LIC	BLDTL -20110208ADU
50	K50CT-D	COTTAGE GROVE OR	25.6	LIC	BLDTT -20091217AFH
50	K50KW	GOLD HILL OR	175.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49JE-D	MURPHY, ETC. OR	BLDTT -20091022ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48GO-D	CAVE JUNCTION OR	35.6	LIC	BLDTL -20110128ACT
48	KFBI-LD	MEDFORD OR	45.5	LIC	BLDTL -20091016ABK
49	K49IG-D	YREKA CA	88.0	LIC	BLDTL -20100923AFX
49	KBSC-LP	BROOKINGS OR	88.1	LIC	BLTTL -19921120ID
49	K49DM-D	COOS BAY OR	130.7	LIC	BLDTL -20090226AAO
49	KAMK-LD	EUGENE OR	177.4	LIC	BLDTL -20120126AFX
50	K50FW	GRANTS PASS OR	23.1	CP	BDFCDTL -20130524ADD
50	K50FW	GRANTS PASS OR	0.0	LIC	BLTTL -20070205ACY
50	K50KW	GOLD HILL OR	23.1	APP	USERRECORD-01

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 11
Before Analysis

Results for: 49A OR MURPHY, ETC. BLDTT 20091022ABS LIC
HAAT 517.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	206301	5645.9
not affected by terrain losses	108308	4386.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8069	91.2
lost to ATV IX only	8069	91.2
lost to all IX	8069	91.2

Potential Interfering Stations Included in above Scenario 1

48A OR CAVE JUNCTION	BLDTL	20110128ACT	LIC
48A OR MEDFORD	BLDTL	20091016ABK	LIC
50A OR GRANTS PASS	BDFCDTL	20130524ADD	CP

After Analysis

Results for: 49A OR MURPHY, ETC. BLDTT 20091022ABS LIC
HAAT 517.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	206301	5645.9
not affected by terrain losses	108308	4386.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8072	98.1
lost to ATV IX only	8072	98.1
lost to all IX	8072	98.1

Potential Interfering Stations Included in above Scenario 1

48A OR CAVE JUNCTION	BLDTL	20110128ACT	LIC
48A OR MEDFORD	BLDTL	20091016ABK	LIC
50A OR GRANTS PASS	BDFCDTL	20130524ADD	CP
50A OR GOLD HILL	USERRECORD01		APP

Percent new IX = 0.0030%

Worst case new IX 0.0030% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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Analysis of Interference to Affected Station 14

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49MP-D	LAKEPORT CA	108.6	CP	BNPDTL -20100609AFT
49	K49CT-D	PARADISE CA	69.0	LIC	BLDTT -20100212ABA
49	KSAO-LD	SACRAMENTO CA	88.0	LIC	BLDTL -20100420AAG
49	KSAO-LD	SACRAMENTO CA	88.0	APP	BDFCDTL -20090220AEA
50	K50HJ-D	LITCHFIELD CA	163.7	LIC	BLDTT -20111205AAV
50	K50GP	REDDING CA	163.3	LIC	BLTT -20010910AAB
50	KQEH	SAN JOSE CA	190.9	LIC	BLEDT -20040826AAR
50	KQEH	SAN JOSE CA	190.9	LIC	BLEDT -20120405ACT
50	K50LY-D	RENO NV	166.1	CP	BNPDTL -20091222AOW
50	K50LN-D	SILVER SPRINGS NV	219.1	CP	BNPDTL -20090825BOE
51	NEW	SACRAMENTO CA	72.8	APP	BSFDTL -20060630DBC
51	KBTB-CD	SACRAMENTO CA	76.9	LIC	BLDTA -20101213ABK
51	K51AQ-D	UKIAH CA	110.2	LIC	BLDTT -20120201ALK
50	K50KW	GOLD HILL OR	371.7	APP	USERRECORD-01

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.
50	K50HJ-D	LITCHFIELD CA	BLDTT -20111205AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49CT-D	PARADISE CA	106.4	LIC	BLDTT -20100212ABA
49	K49MD-D	LAKE TAHOE NV	93.8	CP MOD	BMPDTT -20130425AAF
49	K49CK-D	STEAD NV	67.4	LIC	BLDTT -20120302AAK
49	K49CK-D	STEAD/LAWTON NV	67.4	APP	BSTA -20120126AER
50	KBIT-LD	CHICO CA	163.7	LIC	BLDTL -20121109ADG
50	K50GP	REDDING CA	183.1	LIC	BLTT -20010910AAB
50	KQEH	SAN JOSE CA	321.5	LIC	BLEDT -20040826AAR
50	KQEH	SAN JOSE CA	321.5	LIC	BLEDT -20120405ACT
50	K50AI-D	HAWTHORNE NV	227.6	LIC	BLDTT -20100120ACJ
50	K50LY-D	RENO NV	67.7	CP	BNPDTL -20091222AOW
50	K50LN-D	SILVER SPRINGS NV	111.7	CP	BNPDTL -20090825BOE
51	K51DJ-D	VERDI/MOGUL NV	68.1	LIC	BLDTT -20081006AFT
50	K50KW	GOLD HILL OR	341.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50GP	REDDING CA	BLTT -20010910AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	KHSL-TV	CHICO CA	91.9	LIC	BLCDT -20080711ADS
50	KBIT-LD	CHICO CA	163.3	LIC	BLDTL -20121109ADG
50	KQEH	SAN JOSE CA	349.8	LIC	BLEDT -20040826AAR
50	KQEH	SAN JOSE CA	349.8	LIC	BLEDT -20120405ACT
51	K51LK-D	REDDING CA	12.9	CP	BNPDTL -20090831ABB
50	K50KW	GOLD HILL OR	208.6	APP	USERRECORD-01

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.
50	K50MR-D	SOUTH EUREKA, LOLETA CA	BLDTL -20120611ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50GP	REDDING CA	154.3	LIC	BLTT -20010910AAB
50	K50FW	GRANTS PASS OR	203.4	LIC	BLTTL -20070205ACY
50	K50KW	GOLD HILL OR	214.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	KUBN-LD	BEND OR	BDFCDTL -20060331BDR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49KT-D	BEND OR	0.0	LIC	BLDTL -20101004AAQ

50	K50CE-D	HOOD RIVER OR	178.1	LIC	BLDTT	-20120514AED
50	K50CE-D	HOOD RIVER OR	178.1	APP	BDFCDTT	-20100429AAL
50	K50GG-D	SALEM OR	192.4	LIC	BLDTL	-20120524AGI
50	KUNS-TV	BELLEVUE WA	375.5	LIC	BLCOT	-20060707ACF
51	KOHD	BEND OR	31.4	LIC	BLCOT	-20060915A0Z
50	K50KW	GOLD HILL OR	255.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50CT-D	COTTAGE GROVE OR	BLDTT -20091217AFH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	KAMK-LD	EUGENE OR	25.6	LIC	BLDTL -20120126AFX
50	KUBN-LD	BEND OR	171.7	APP	BDFCDTL -20060331BDR
50	K50FW	GRANTS PASS OR	150.1	CP	BDFCDTL -20130524ADD
50	K50FW	GRANTS PASS OR	153.1	LIC	BLTTL -20070205ACY
50	K50GG-D	SALEM OR	134.4	LIC	BLDTL -20120524AGI
51	K51EY-D	LONDON SPRINGS OR	16.2	LIC	BLDTT -20091109ABA
50	K50KW	GOLD HILL OR	150.1	APP	USERRECORD-01

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.
50	K50CE-D	HOOD RIVER OR	BLDTT -20120514AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	KWVT-LD	SALEM OR	94.4	LIC	BLDTL -20110208ADU
49	K49MZ-D	CENTERVILLE WA	52.2	CP	BNPDTL -20100513ADZ
50	KUBN-LD	BEND OR	178.1	APP	BDFCDTL -20060331BDR
50	K50GG-D	SALEM OR	148.3	LIC	BLDTL -20120524AGI
50	KUNS-TV	BELLEVUE WA	218.2	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	198.2	LIC	BLCOT -20060707ACF
50	K50LM-D	SUNNYSIDE WA	131.8	CP	BNPDTL -20090825BIC
51	K51EH-D	THE DALLES OR	36.0	LIC	BLDTL -20111202AFX

50	K50KW	GOLD HILL OR	385.4	APP	USERRECORD-01
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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.
50	K50CE-D	HOOD RIVER OR	BDFCDTT -20100429AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	KWVT-LD	SALEM OR	94.4	LIC	BLDTL -20110208ADU
49	K49MZ-D	CENTERVILLE WA	52.2	CP	BNPDTL -20100513ADZ
50	KUBN-LD	BEND OR	178.1	APP	BDFCDTL -20060331BDR
50	K50GG-D	SALEM OR	148.3	LIC	BLDTL -20120524AGI
50	KUNS-TV	BELLEVUE WA	218.2	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	198.2	LIC	BLCOT -20060707ACF
50	K50LM-D	SUNNYSIDE WA	131.8	CP	BNPDTL -20090825BIC
51	K51EH-D	THE DALLES OR	36.0	LIC	BLDTL -20111202AFX
50	K50KW	GOLD HILL OR	385.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50GG-D	SALEM OR	BLDTL -20120524AGI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	KWVT-LD	SALEM OR	67.2	LIC	BLDTL -20110208ADU
50	KUBN-LD	BEND OR	192.4	APP	BDFCDTL -20060331BDR
50	K50CT-D	COTTAGE GROVE OR	134.4	LIC	BLDTT -20091217AFH
50	K50CE-D	HOOD RIVER OR	148.3	LIC	BLDTT -20120514AED
50	K50CE-D	HOOD RIVER OR	148.3	APP	BDFCDTT -20100429AAL
50	KUNS-TV	BELLEVUE WA	300.4	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	294.3	LIC	BLCOT -20060707ACF

50 K50KW GOLD HILL OR 284.4 APP USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K51LK-D	REDDING CA	BNPDTL -20090831ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50GP	REDDING CA	12.9	LIC	BLTT -20010910AAB
51	KDTV-DT	SAN FRANCISCO CA	355.1	LIC	BLCDDT -20021015ABK
51	K51AQ-D	UKIAH CA	177.7	LIC	BLDTT -20120201ALK
51	KOHD	BEND OR	392.8	LIC	BLCDDT -20060915AOZ
51	K51BV-D	CAVE JUNCTION OR	202.1	LIC	BLDTT -20110218ABF
50	K50KW	GOLD HILL OR	201.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K51BV-D	CAVE JUNCTION OR	BLDTT -20110218ABF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50FW	GRANTS PASS OR	57.5	CP	BDFCDTL -20130524ADD
50	K50FW	GRANTS PASS OR	35.6	LIC	BLTTL -20070205ACY
51	KOHD	BEND OR	276.7	LIC	BLCDDT -20060915AOZ
51	K51JB-D	FLORENCE OR	191.7	LIC	BLDTT -20100114AED
51	K51GJ-D	ROSEBURG OR	107.3	LIC	BLDTT -20100721FZN
50	K50KW	GOLD HILL OR	57.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K51JB-D	FLORENCE OR	BLDTT -20100114AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
51	KOHD	BEND OR	219.5	LIC	BLCDDT -20060915AOZ
51	K51BV-D	CAVE JUNCTION OR	191.7	LIC	BLDTT -20110218ABF
51	K51EY-D	LONDON SPRINGS OR	86.4	LIC	BLDTT -20091109ABA
51	KOXO-CA	NEWBERG OR	203.1	LIC	BLTTA -20070831ADA
51	K51GJ-D	ROSEBURG OR	100.7	LIC	BLDTT -20100721FZN
50	K50KW	GOLD HILL OR	190.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K51EY-D	LONDON SPRINGS OR	BLDTT -20091109ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50CT-D	COTTAGE GROVE OR	16.2	LIC	BLDTT -20091217AFH
51	KOHD	BEND OR	149.4	LIC	BLCDDT -20060915AOZ
51	K51BV-D	CAVE JUNCTION OR	160.0	LIC	BLDTT -20110218ABF
51	K51JB-D	FLORENCE OR	86.4	LIC	BLDTT -20100114AED
51	KOXO-CA	NEWBERG OR	211.4	LIC	BLTTA -20070831ADA
51	K51GJ-D	ROSEBURG OR	53.7	LIC	BLDTT -20100721FZN
50	K50KW	GOLD HILL OR	134.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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51 K51GJ-D ROSEBURG OR BLDTT -20100721FZN

49A OR MURPHY, ETC. BLDTT 20091022ABS LIC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50CT-D	COTTAGE GROVE OR	69.6	LIC	BLDTT -20091217AFH
51	KOHD	BEND OR	191.4	LIC	BLCDD -20060915A0Z
51	K51BV-D	CAVE JUNCTION OR	107.3	LIC	BLDTT -20110218ABF
51	K51JB-D	FLORENCE OR	100.7	LIC	BLDTT -20100114AED
51	K51EY-D	LONDON SPRINGS OR	53.7	LIC	BLDTT -20091109ABA
51	KOXO-CA	NEWBERG OR	262.8	LIC	BLTTA -20070831ADA
50	K50KW	GOLD HILL OR	91.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50KW	GOLD HILL OR	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49IG-D	YREKA CA	79.5	LIC	BLDTL -20100923AFX
49	K49JE-D	MURPHY, ETC. OR	23.1	LIC	BLDTT -20091022ABS
50	K50GP	REDDING CA	208.6	LIC	BLTT -20010910AAB
51	K51BV-D	CAVE JUNCTION OR	57.5	LIC	BLDTT -20110218ABF

Total scenarios = 1

Result key: 2

Scenario 1 Affected station 26

Before Analysis

Results for: 50A OR GOLD HILL USERRECORD01 APP

HAAT 161.0 m, ATV ERP 0.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	166335	1835.6
not affected by terrain losses	149119	1578.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1	15.8
lost to ATV IX only	1	15.8
lost to all IX	1	15.8

Potential Interfering Stations Included in above Scenario 1

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