

ENGINEERING STATEMENT

Request for Special Temporary Authorization Early Digital Transition

prepared for

Bluestone License Holdings Inc.

KCFW-DT Kalispell, MT

Facility ID 18079

Ch. 9 2.5 kW 850 m

Bluestone License Holdings Inc. (“Bluestone”) is the licensee of television station KCFW-TV, analog Channel 9 and digital Channel 38, Kalispell, MT. This statement supports *Bluestone’s* request for Special Temporary Authority (“STA”) for an early transition to operate KCFW-DT on its post-transition digital channel during the pre-transition period. This statement certifies compliance with coverage and interference criteria as specified in the Report and Order in the Third Periodic Review¹ for an early transition.

A construction permit (“CP” BPCDT-20080314ADG) authorizes KCFW-DT to operate its post-transition digital facility on Channel 9, the current KCFW-TV analog channel. The proposed early transition STA facility will operate with the facilities as authorized in the CP.

A contour comparison map is supplied as **Figure 1**, showing that the coverage areas associated with the currently authorized analog Channel 9 and digital Channel 38 facilities will be completely encompassed by the proposed digital Channel 9 operation. Population counts for the various KCFW-TV/DT facilities are summarized below as determined using OET Bulletin 69²

¹*Third Periodic Review of the Commission’s Rules and Policies Affecting the Conversion to Digital Television*, MB Docket No. 07-91, FCC 07-228, released December 31, 2007.

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 (“OET-69”). A standard cell size of 2 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission’s implementation of OET-69 show excellent correlation.

analysis. The proposed early transition STA facility will provide a service population exceeding those of the current analog and digital facilities.

Population Summary

| KCFW-TV/DT Facility | Interference-Free Population (2000 Census) |
|---|---|
| Licensed Analog Ch. 9 (BLCT-1791) | 99,161 |
| Pre-Transition Digital Ch. 38 (BLCDT-20080409ABR) | 89,326 |
| Proposed STA Digital Ch. 9 (BPCDT-20080314ADG) | 108,893 |

A detailed interference study per OET Bulletin 69 shows that the proposal complies with the Commission's 2% / 10% *de minimis* interference limits for operation during the transition, as demonstrated in **Table 1**. The 0.5 percent protection standard to post-transition stations is also satisfied. Thus, existing viewers will be served and impermissible interference will not be caused.

The proposed STA operation complies with the FCC's limits concerning human exposure to RF energy, as described in the application underlying BPCDT-20080314ADG.

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.



Joseph M. Davis, P.E.
March 18, 2009

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List of Attachments

- Figure 1 STA Coverage Contour Comparison
- Table 1 Pre-Transition OET Bulletin 69 Interference Study

Figure 1
STA Coverage Contour Comparison
KCFW-DT Kalispell, MT
Facility ID 18079
Ch. 9 2.5 kW 850 m

prepared for
Bluestone License Holdings Inc.

March, 2009

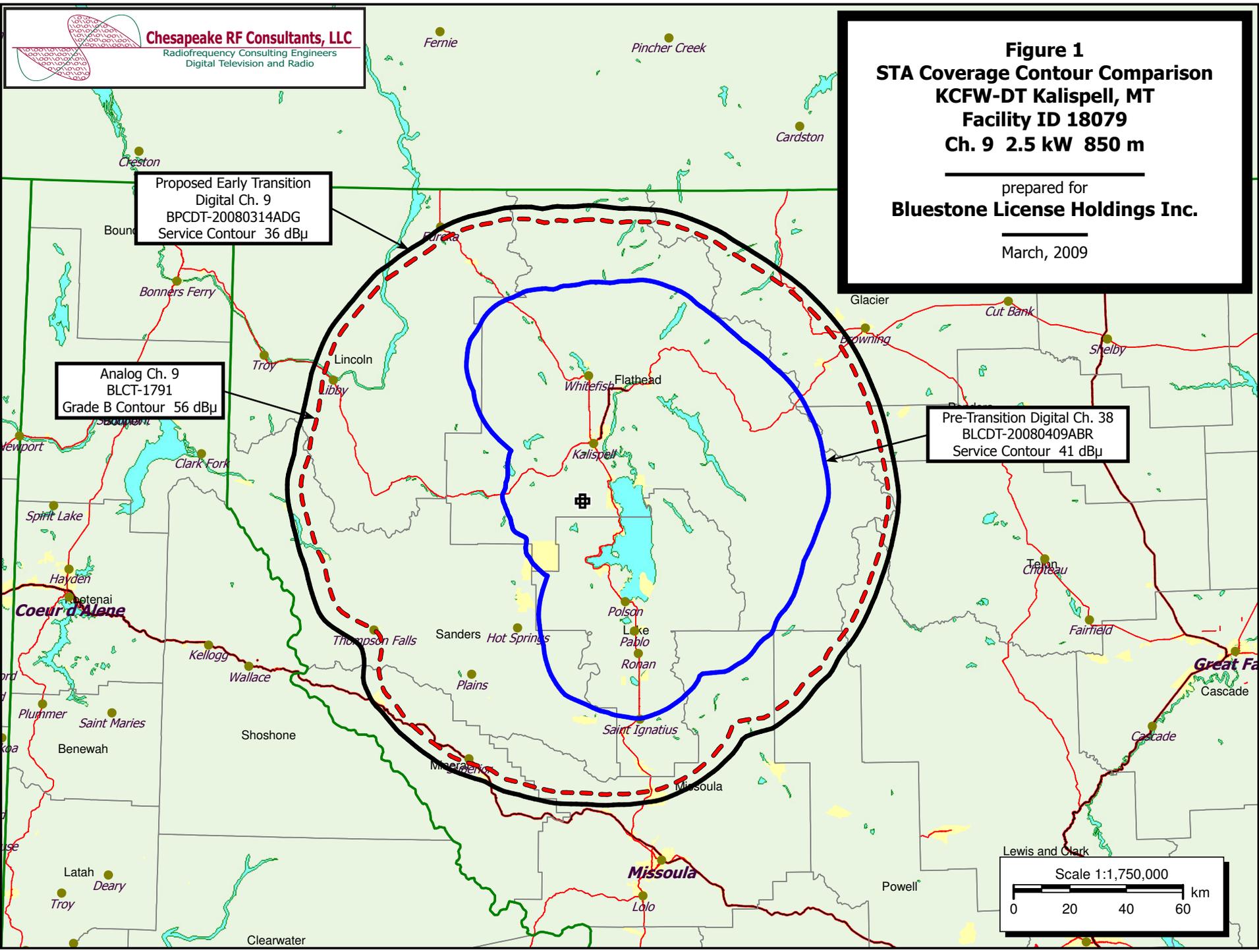


Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
 (worst-case scenarios shown page 1 of 9)

Census data selected 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-18-2009 Time: 09:56:08

Record Selected for Analysis

KCFW-DT USERRECORD-01 KALISPELL MT US
 Channel 09 ERP 2.5 kW HAAT 847. m RCAMSL 02103 m
 Latitude 048-00-48 Longitude 0114-21-55
 Status APP Zone 2 Border
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

| Azimuth (Deg) | ERP (kW) | HAAT (m) | 36.0 dBu F(50,90) (km) |
|---------------|----------|----------|------------------------|
| 0.0 | 2.500 | 728.8 | 104.3 |
| 45.0 | 2.479 | 938.6 | 108.2 |
| 90.0 | 2.460 | 1127.9 | 111.6 |
| 135.0 | 2.494 | 790.6 | 105.6 |
| 180.0 | 2.486 | 869.8 | 107.0 |
| 225.0 | 2.500 | 675.2 | 103.0 |
| 270.0 | 2.500 | 723.4 | 104.2 |
| 315.0 | 2.480 | 924.1 | 108.0 |

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation 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 within the Canadian coordination distance
 Distance to border = 109.7km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
 (worst-case scenarios shown page 2 of 9)

Start of Interference Analysis

| Channel | Proposed Station Call | City/State | ARN |
|---------|-----------------------|--------------|--------------|
| 09 | KCFW-DT | KALISPELL MT | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|-------------|--------------|
| 08 | KPAX-TV | MISSOULA MT | 113.7 | LIC | BLCT | -1996 |
| 08 | KSPSTV | SPOKANE WA | 224.4 | LIC | BPRM | -20000328AAP |
| 08 | KSPS-TV | SPOKANE WA | 224.4 | LIC | BLEDT | -20030403ACH |
| 09 | KUSM | BOZEMAN MT | 371.9 | LIC | BLET | -20060831AAO |
| 09 | KBEJ | HAVRE MT | 345.6 | LIC | BLCT | -20001124AAG |
| 09 | KCWK | WALLA WALLA WA | 366.0 | LIC | BLCT | -20021010AAL |
| 09 | KCWK | WALLA WALLA WA | 418.4 | CP MOD | BMFCDT | -20070724AAV |

Analysis of Interference to Affected Station 1

NTSC Baseline Analysis

| Channel | Call | City/State | Application | Ref. No. |
|---------|--------|-------------|-------------|-----------|
| 08 | KPAXTV | MISSOULA MT | DTVPLN | -NPLN0546 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|-------------|-----------|
| 08 | KIFITV | IDAHO FALLS ID | 405.0 | PLN | DTVPLN | -NPLN0531 |
| 08 | NEW -DT | PENDLETON OR | 339.4 | PLN | DTVPLN | -DTVP0048 |
| 09 | KCFWTV | KALISPELL MT | 113.7 | PLN | DTVPLN | -NPLN0607 |

Results for: 8N MT MISSOULA DTVPLN NPLN0546 PLN
 POPULATION AREA (sq km)
 within Noise Limited Contour 143725 42638.1
 not affected by terrain losses 130710 33407.9
 lost to NTSC IX 3928 658.4
 lost to additional IX by ATV 0 64.2
 lost to all IX 3928 722.7

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|-------------|-------------|----------|
| 08 | KPAX-TV | MISSOULA MT | BLCT | -1996 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|-------------|--------------|
| 07 | KRTV | GREAT FALLS MT | 213.6 | CP MOD | BMFCDT | -20060706ADV |
| 07 | KRTV-DR | GREAT FALLS MT | 213.6 | LIC | BPRM | -20000413AAK |
| 07 | KPAX-TV | MISSOULA MT | 0.0 | CP MOD | BMFCDT | -20060720ABW |
| 07 | KPAX-DR | MISSOULA MT | 0.0 | LIC | BPRM | -20001019ACH |
| 08 | KIFI-TV | IDAHO FALLS ID | 404.9 | LIC | BLCT | -20060321ACZ |
| 08 | KUSM-DR | BOZEMAN MT | 283.8 | LIC | BPRM | -20010215ABK |
| 08 | KUSM | BOZEMAN MT | 283.8 | LIC | BLEDT | -20050926ALC |
| 08 | KFBB-TV | GREAT FALLS MT | 213.6 | LIC | BLCDT | -20071108ADA |
| 08 | KFBB-DR | GREAT FALLS MT | 213.6 | LIC | BPRM | -19990429AAD |
| 08 | KFFX-TV | PENDLETON OR | 339.4 | LIC | BLCDT | -20051108AAR |
| 08 | NEW -DT | PENDLETON OR | 339.4 | PLN | DTVPLN | -DTVP0048 |

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 9)

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 08 | KSPSTV | SPOKANE WA | 255.5 | LIC | BPRM | -20000328AAP |
| 08 | KSPS-TV | SPOKANE WA | 255.5 | LIC | BLEDT | -20030403ACH |
| 09 | KCFW-TV | KALISPELL MT | 113.7 | LIC | BLCT | -1791 |
| 09 | KCFW-DT | KALISPELL MT | 113.7 | APP | USERRECORD-01 | |

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 1
Before Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 3928 | 658.4 | |
| | lost to additional IX by ATV | 242 | 449.7 | |
| | lost to all IX | 4170 | 1108.1 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|-------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BLCDT | 20071108ADA | LIC |
| 8A WA SPOKANE | BPRM | 20000328AAP | LIC |
| 9N MT KALISPELL | BLCT | 1791 | LIC |

After Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 0 | 0.0 | |
| | lost to additional IX by ATV | 1095 | 594.2 | |
| | lost to all IX | 1095 | 594.2 | |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|--------------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BLCDT | 20071108ADA | LIC |
| 8A WA SPOKANE | BPRM | 20000328AAP | LIC |
| 9A MT KALISPELL | USERRECORD01 | | APP |

Percent new IX = 0.5935%

Result key: 2
Scenario 2 Affected station 1
Before Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 3928 | 658.4 | |
| | lost to additional IX by ATV | 242 | 453.7 | |
| | lost to all IX | 4170 | 1112.1 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------------|-------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BLCDT | 20071108ADA | LIC |

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 9)

| | | | |
|-----------------|-------|-------------|-----|
| 8A WA SPOKANE | BLEDT | 20030403ACH | LIC |
| 9N MT KALISPELL | BLCT | 1791 | LIC |

After Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 0 | 0.0 | |
| | lost to additional IX by ATV | 1095 | 598.2 | |
| | lost to all IX | 1095 | 598.2 | |

Potential Interfering Stations Included in above Scenario 2

| | | | |
|-------------------|--------------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BLCDT | 20071108ADA | LIC |
| 8A WA SPOKANE | BLEDT | 20030403ACH | LIC |
| 9A MT KALISPELL | USERRECORD01 | | APP |

Percent new IX = 0.5935%

Result key: 3
Scenario 3 Affected station 1
Before Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 3928 | 658.4 | |
| | lost to additional IX by ATV | 242 | 437.6 | |
| | lost to all IX | 4170 | 1096.1 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|-------------------|------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BPRM | 19990429AAD | LIC |
| 8A WA SPOKANE | BPRM | 20000328AAP | LIC |
| 9N MT KALISPELL | BLCT | 1791 | LIC |

After Analysis

| | | | | |
|--------------|--------------------------------|------------|--------------|-----|
| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
| | | POPULATION | AREA (sq km) | |
| | within Noise Limited Contour | 143725 | 42638.1 | |
| | not affected by terrain losses | 130710 | 33407.9 | |
| | lost to NTSC IX | 0 | 0.0 | |
| | lost to additional IX by ATV | 1095 | 582.2 | |
| | lost to all IX | 1095 | 582.2 | |

Potential Interfering Stations Included in above Scenario 3

| | | | |
|-------------------|--------------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BPRM | 19990429AAD | LIC |
| 8A WA SPOKANE | BPRM | 20000328AAP | LIC |
| 9A MT KALISPELL | USERRECORD01 | | APP |

Percent new IX = 0.5935%

Result key: 4
Scenario 4 Affected station 1

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 9)

Before Analysis

| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
|--------------------------------|----------------|--------------|------|-----|
| | POPULATION | AREA (sq km) | | |
| within Noise Limited Contour | 143725 | 42638.1 | | |
| not affected by terrain losses | 130710 | 33407.9 | | |
| lost to NTSC IX | 3928 | 658.4 | | |
| lost to additional IX by ATV | 242 | 441.6 | | |
| lost to all IX | 4170 | 1100.1 | | |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|-------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BPRM | 19990429AAD | LIC |
| 8A WA SPOKANE | BLEDT | 20030403ACH | LIC |
| 9N MT KALISPELL | BLCT | 1791 | LIC |

After Analysis

| Results for: | 8N MT MISSOULA | BLCT | 1996 | LIC |
|--------------------------------|----------------|--------------|------|-----|
| | POPULATION | AREA (sq km) | | |
| within Noise Limited Contour | 143725 | 42638.1 | | |
| not affected by terrain losses | 130710 | 33407.9 | | |
| lost to NTSC IX | 0 | 0.0 | | |
| lost to additional IX by ATV | 1095 | 586.2 | | |
| lost to all IX | 1095 | 586.2 | | |

Potential Interfering Stations Included in above Scenario 4

| | | | |
|-------------------|--------------|-------------|-----|
| 8A MT BOZEMAN | BPRM | 20010215ABK | LIC |
| 8A MT GREAT FALLS | BPRM | 19990429AAD | LIC |
| 8A WA SPOKANE | BLEDT | 20030403ACH | LIC |
| 9A MT KALISPELL | USERRECORD01 | | APP |

Percent new IX = 0.5935%

Worst case new IX 0.5935% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|--------|------------|----------------------|
| 08 | KSPSTV | SPOKANE WA | BPRM -20000328AAP |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 07 | KSPS-TV | SPOKANE WA | 0.0 | LIC | BLET -378 |
| 07 | KSPS-TV | SPOKANE WA | 0.0 | APP | BSTA -20090112ANH |
| 08 | KPAX-TV | MISSOULA MT | 255.5 | LIC | BLCT -1996 |
| 08 | KFFX-TV | PENDLETON OR | 210.9 | LIC | BLCDT -20051108AAR |
| 08 | NEW -DT | PENDLETON OR | 210.9 | PLN | DTVPLN -DTVPO048 |
| 09 | KCFWTV | KALISPELL MT | 224.4 | PLN | DTVPLN -NPLN0607 |
| 09 | KCWK | WALLA WALLA WA | 188.5 | LIC | BLCT -20021010AAL |
| 09 | KCWK | WALLA WALLA WA | 214.8 | CP MOD | BMPCDT -20070724AAV |
| 09 | KCFW-DT | KALISPELL MT | 224.4 | APP | USERRECORD-01 |

Proposed station is beyond the site to

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 9)

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. |
|---------|---------|------------|----------------------|
| 08 | KSPS-TV | SPOKANE WA | BLEDT -20030403ACH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 07 | KSPS-TV | SPOKANE WA | 0.0 | LIC | BLET -378 |
| 07 | KSPS-TV | SPOKANE WA | 0.0 | APP | BSTA -20090112ANH |
| 08 | KPAX-TV | MISSOULA MT | 255.5 | LIC | BLCT -1996 |
| 08 | KFFX-TV | PENDLETON OR | 210.9 | LIC | BLCDT -20051108AAR |
| 08 | NEW -DT | PENDLETON OR | 210.9 | PLN | DTVPLN -DTVPO048 |
| 09 | KCFWTV | KALISPELL MT | 224.4 | PLN | DTVPLN -NPLN0607 |
| 09 | KCWK | WALLA WALLA WA | 188.5 | LIC | BLCT -20021010AAL |
| 09 | KCWK | WALLA WALLA WA | 214.8 | CP MOD | BMPCDT -20070724AAV |
| 09 | KCFW-DT | KALISPELL MT | 224.4 | 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

NTSC Baseline Analysis

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 09 | KUSM | BOZEMAN MT | DTVPLN -NPLN0605 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 08 | KULRTV | BILLINGS MT | 202.0 | PLN | DTVPLN -NPLN0545 |
| 09 | KIFI-DT | IDAHO FALLS ID | 272.3 | PLN | DTVPLN -DTVPO056 |
| 09 | NEW | HAVRE MT | 330.2 | PLN | DTVPLN -NPLN0606 |
| 09 | KCFWTV | KALISPELL MT | 362.5 | PLN | DTVPLN -NPLN0607 |
| 09 | NEW | SHERIDAN WY | 329.7 | PLN | DTVPLN -NPLN0635 |
| 10 | KAQR | HELENA MT | 140.9 | PLN | DTVPLN -NPLN0663 |

Results for: 9N MT BOZEMAN

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 46103 | 2373.0 |
| not affected by terrain losses | 45872 | 2200.1 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to all IX | 0 | 0.0 |

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 09 | KUSM | BOZEMAN MT | BLET -20060831AAO |

Stations Potentially Affecting This Station

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 9)

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 08 | KULR-TV | BILLINGS MT | 187.5 | LIC | BLCT | -598 |
| 08 | KUSM-DR | BOZEMAN MT | 0.0 | LIC | BPRM | -20010215ABK |
| 08 | KUSM | BOZEMAN MT | 0.0 | LIC | BLEDT | -20050926ALC |
| 08 | KFBB-TV | GREAT FALLS MT | 209.4 | LIC | BLCDDT | -20071108ADA |
| 08 | KFBB-DR | GREAT FALLS MT | 209.4 | LIC | BPRM | -19990429AAD |
| 09 | KIFI-DT | IDAHO FALLS ID | 280.1 | PLN | DTVPLN | -DTVPO056 |
| 09 | KBBJ | HAVRE MT | 308.9 | LIC | BLCT | -20001124AAG |
| 09 | KCFW-TV | KALISPELL MT | 371.9 | LIC | BLCT | -1791 |
| 10 | KTVQ-TV | BILLINGS MT | 187.3 | LIC | BPRM | -20010110ABG |
| 10 | KTVQ | BILLINGS MT | 187.3 | CP MOD | BMPCDT | -20060705ABU |
| 10 | KMTF | HELENA MT | 143.6 | LIC | BLCT | -20000830AFL |
| 09 | KCFW-DT | KALISPELL MT | 371.9 | APP | USERRECORD-01 | |

Proposal causes no interference

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|-----------|
| 09 | NEW | HAVRE MT | DTVPLN | -NPLN0606 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|--------|--------------|----------|--------|-------------|-----------|
| 09 | KUSM | BOZEMAN MT | 330.2 | PLN | DTVPLN | -NPLN0605 |
| 09 | KCFWTV | KALISPELL MT | 348.3 | PLN | DTVPLN | -NPLN0607 |

| Results for: 9N MT HAVRE | | DTVPLN | NPLN0606 | PLN |
|--------------------------------|--|------------|--------------|-----|
| | | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | | 24760 | 20288.6 | |
| not affected by terrain losses | | 23434 | 18681.9 | |
| lost to NTSC IX | | 0 | 0.0 | |
| lost to additional IX by ATV | | 0 | 0.0 | |
| lost to all IX | | 0 | 0.0 | |

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 09 | KBBJ | HAVRE MT | BLCT | -20001124AAG |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 08 | KFBB-TV | GREAT FALLS MT | 146.5 | LIC | BLCDDT | -20071108ADA |
| 08 | KFBB-DR | GREAT FALLS MT | 146.5 | LIC | BPRM | -19990429AAD |
| 09 | KUSM | BOZEMAN MT | 308.9 | LIC | BLET | -20060831AAG |
| 09 | KCFW-TV | KALISPELL MT | 345.6 | LIC | BLCT | -1791 |
| 09 | KCFW-DT | KALISPELL MT | 345.6 | APP | USERRECORD-01 | |

Proposal causes no interference

#####

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|----------------|-------------|-----------|
| 09 | NEW | WALLA WALLA WA | DTVPLN | -NPLN0632 |

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 9)

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------|----------|--------|-------------|-----------|
| 08 | NEW -DT | PENDLETON OR | 44.9 | PLN | DTVPLN | -DTVPO048 |
| 09 | KNINTV | CALDWELL ID | 307.5 | PLN | DTVPLN | -NPLN0594 |
| 09 | KCFWTV | KALISPELL MT | 347.3 | PLN | DTVPLN | -NPLN0607 |
| 09 | KCTSTV | SEATTLE WA | 362.0 | PLN | DTVPLN | -NPLN0631 |
| 10 | KWSUTV | PULLMAN WA | 103.6 | PLN | DTVPLN | -NPLN0691 |

| Results for: 9N WA WALLA WALLA | | DTVPLN | NPLN0632 | PLN |
|--------------------------------|--|------------|--------------|-----|
| | | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | | 252800 | 24292.4 | |
| not affected by terrain losses | | 243860 | 22169.7 | |
| lost to NTSC IX | | 433 | 592.1 | |
| lost to additional IX by ATV | | 2884 | 346.4 | |
| lost to all IX | | 3317 | 938.5 | |

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|----------------|-------------|--------------|
| 09 | KCWK | WALLA WALLA WA | BLCT | -20021010AAL |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------|----------|--------|---------------|--------------|
| 08 | KFFX-TV | PENDLETON OR | 29.0 | LIC | BLCDDT | -20051108AAR |
| 08 | NEW -DT | PENDLETON OR | 29.0 | PLN | DTVPLN | -DTVPO048 |
| 08 | KSPSTV | SPOKANE WA | 188.5 | LIC | BPRM | -20000328AAP |
| 08 | KSPS-TV | SPOKANE WA | 188.5 | LIC | BLEDT | -20030403ACH |
| 09 | KNIN-TV | CALDWELL ID | 297.4 | LIC | BLCT | -20041112ACS |
| 09 | KCFW-TV | KALISPELL MT | 366.0 | LIC | BLCT | -1791 |
| 09 | KCTS-TV | SEATTLE WA | 362.6 | APP | BSTA | -20080213AGB |
| 09 | KCTS-TV | SEATTLE WA | 362.6 | LIC | BLET | -19990415KG |
| 10 | KWSU-TV | PULLMAN WA | 123.6 | CP | BPEDT | -20080303ABZ |
| 10 | KWSU-TV | PULLMAN WA | 123.6 | LIC | BLET | -397 |
| 09 | KCFW-DT | KALISPELL MT | 366.0 | 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. |
|---------|------|----------------|-------------|--------------|
| 09 | KCWK | WALLA WALLA WA | BMPCDT | -20070724AAV |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|--------------|----------|--------|-------------|--------------|
| 08 | KFFX-TV | PENDLETON OR | 93.3 | LIC | BLCDDT | -20051108AAR |
| 08 | NEW -DT | PENDLETON OR | 93.3 | PLN | DTVPLN | -DTVPO048 |
| 08 | KSPSTV | SPOKANE WA | 214.8 | LIC | BPRM | -20000328AAP |
| 08 | KSPS-TV | SPOKANE WA | 214.8 | LIC | BLEDT | -20030403ACH |
| 09 | KNIN-TV | CALDWELL ID | 353.6 | LIC | BLCT | -20041112ACS |
| 09 | KCFWTV | KALISPELL MT | 418.4 | PLN | DTVPLN | -NPLN0607 |
| 09 | KEZI | EUGENE OR | 375.4 | APP | BSTA | -20080219AKU |
| 09 | KEZI | EUGENE OR | 375.4 | LIC | BLCT | -19821110KG |
| 09 | KEZI | EUGENE OR | 375.4 | CP | BPCDDT | -20080219AGP |
| 09 | KCTS-TV | SEATTLE WA | 294.3 | APP | BSTA | -20080213AGB |
| 09 | KCTS-TV | SEATTLE WA | 294.3 | LIC | BLET | -19990415KG |

Table 1 KCFW-DT Pre-Transition OET Bulletin 69 Interference Study

(worst-case scenarios shown page 9 of 9)

| | | | | | | |
|----|---------|--------------|-------|-----|---------------|--------------|
| 10 | KWSU-TV | PULLMAN WA | 171.7 | CP | BPEDT | -20080303ABZ |
| 10 | KWSU-TV | PULLMAN WA | 171.7 | LIC | BLET | -397 |
| 09 | KCFW-DT | KALISPELL MT | 418.4 | 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 | KCFW-DT | KALISPELL MT | USERRECORD-01 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|---------------|----------------------|
| 08 | KPAX-TV | MISSOULA MT | 113.7 | LIC BLCT | -1996 |
| 08 | KSPSTV | SPOKANE WA | 224.4 | LIC BPRM | -20000328AAP |
| 08 | KSPS-TV | SPOKANE WA | 224.4 | LIC BLEDT | -20030403ACH |
| 09 | KUSM | BOZEMAN MT | 371.9 | LIC BLET | -20060831AAO |
| 09 | KBBJ | HAVRE MT | 345.6 | LIC BLCT | -20001124AAG |
| 09 | KCWK | WALLA WALLA WA | 366.0 | LIC BLCT | -20021010AAL |
| 09 | KCWK | WALLA WALLA WA | 418.4 | CP MOD BMPCDT | -20070724AAV |

Total scenarios = 1

Result key: 5

Scenario 1 Affected station 8
Before Analysis

Results for: 9A MT KALISPELL USERRECORD01 APP

| | | |
|--------------------------------|------------|--------------|
| HAAT 847.0 m, ATV ERP 2.5 kW | POPULATION | AREA (sq km) |
| within Noise Limited Contour | 104410 | 35743.7 |
| not affected by terrain losses | 87839 | 27777.0 |
| lost to NTSC IX | 132 | 24.1 |
| lost to additional IX by ATV | 0 | 0.0 |
| lost to ATV IX only | 0 | 0.0 |
| lost to all IX | 132 | 24.1 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|-------------------|------|-------------|-----|
| 8N MT MISSOULA | BLCT | 1996 | LIC |
| 9N WA WALLA WALLA | BLCT | 20021010AAL | LIC |

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