

# DELAWDER COMMUNICATIONS, INC.

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## ENGINEERING REPORT

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Iglesia Jesuschristo Es Mi Refugio, Inc.  
K10PL, Victoria, TX: Site Move Minor Modification

### EXHIBIT 8

#### LPTV MINOR MODIFICATION – INTERFERENCE STUDIES

1. Iglesia Jesuschristo Es Mi Refugio, Inc. (“Applicant”) is the owner of K10PL, Victoria, TX, analog channel 10. By this analog minor modification application, Applicant proposes a new transmitter site located in Victoria. K10PL will continue to operate on channel 10 from the new transmitter site.

2. Attached as Figure 1 is a map showing 68 dBu (F50,50) service contour overlap between the authorized and proposed K10PL facilities. Because there is no proposed channel change, and given that the licensed and proposed service contours overlap, this filing qualifies as a minor modification application.

3. The use of zero frequency offset is made in order to add protection to and from any nearby analog co-channel station. The applicant will maintain the requested offset per 47 C.F.R. Section 74.761 by use of a precision oscillator supplied by the transmitter manufacturer.

4. The proposed transmitter site is located 285 kilometers from the US-Mexican Border. Since the proposed maximum ERP does not exceed 1 kW, notification to Mexico is not required.

5. Attached as Figure 2 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications’ SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC’s OET-69 processing program.) As demonstrated by Figure 2, the proposed facility adequately protects all required US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

6. The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any licensed or authorized secondary TV station, or by any secondary TV facility that is given preferential status by the FCC over the Applicant’s herein proposed facility.

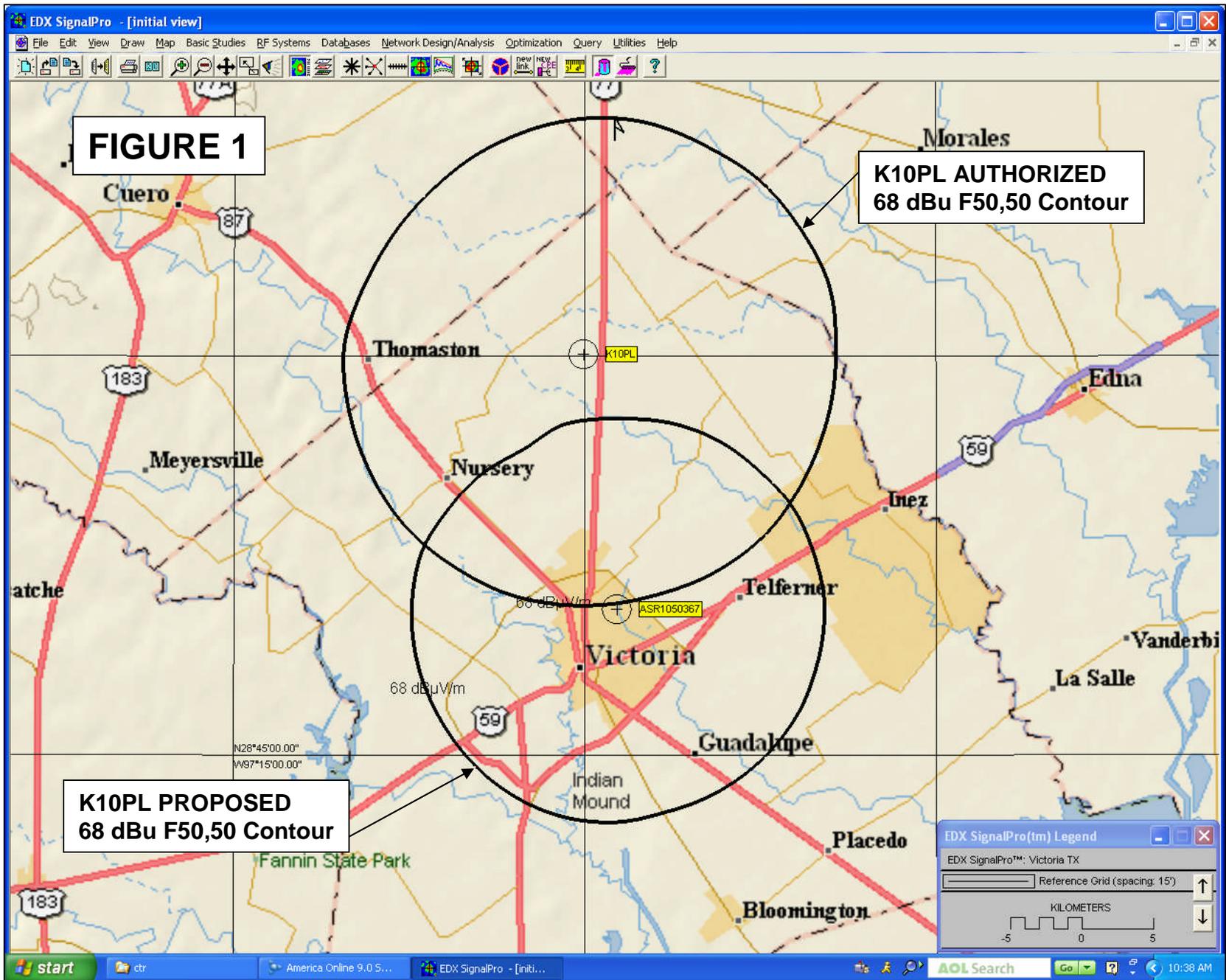


FIGURE 2—OET-69 STUDY FOR K10PL, VICTORIA, TX SITE MOVE (CHANNEL 10z)

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-17-2007 Time: 15:31:12

Record Selected for Analysis

VICTORIA USERRECORD-01 VICTORIA TX US  
 Channel 10 ERP 1. kW HAAT 114. m RCAMSL 00131 m  
 Latitude 028-50-29 Longitude 0096-58-39  
 Status APP Zone 2 Border Offset Z  
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
 Last update Cutoff date Docket  
 Comments  
 Applicant

1990 Census data selected

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

| Azimuth<br>(Deg) | ERP<br>(kW) | HAAT<br>(m) | 68.0 dBu F(50,50)<br>(km) |
|------------------|-------------|-------------|---------------------------|
| 0.0              | 1.000       | 93.7        | 13.3                      |
| 45.0             | 1.000       | 99.6        | 13.8                      |
| 90.0             | 1.000       | 107.8       | 14.4                      |
| 135.0            | 1.000       | 109.8       | 14.5                      |
| 180.0            | 1.000       | 114.4       | 14.8                      |
| 225.0            | 1.000       | 110.8       | 14.6                      |
| 270.0            | 1.000       | 105.4       | 14.2                      |
| 315.0            | 1.000       | 93.7        | 13.3                      |

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 within the Mexican coordination distance  
 Distance to border = 285.0km

Proposed station is OK toward AM broadcast stations

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FIGURE 2—OET-69 STUDY FOR K10PL, VICTORIA, TX SITE MOVE (CHANNEL 10z)

Total scenarios = 1

Result key: 1  
 Scenario 1 Affected station 1  
 Before Analysis

|                                    |            |              |     |
|------------------------------------|------------|--------------|-----|
| Results for: 10N TX CORPUS CHRISTI | BLCT       | 20010201AEY  | LIC |
|                                    | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour       | 489167     | 28032.7      |     |
| not affected by terrain losses     | 488982     | 27872.5      |     |
| lost to NTSC IX                    | 34         | 48.1         |     |
| lost to additional IX by ATV       | 0          | 0.0          |     |
| lost to all IX                     | 34         | 48.1         |     |

Potential Interfering Stations Included in above Scenario 1

|                   |      |            |     |
|-------------------|------|------------|-----|
| 9N TX SAN ANTONIO | BLET | 19840417KE | LIC |
| 10N TX DEL RIO    | BLCT | 19970522KE | LIC |

After Analysis

|                                    |            |              |     |
|------------------------------------|------------|--------------|-----|
| Results for: 10N TX CORPUS CHRISTI | BLCT       | 20010201AEY  | LIC |
|                                    | POPULATION | AREA (sq km) |     |
| within Noise Limited Contour       | 489167     | 28032.7      |     |
| not affected by terrain losses     | 488982     | 27872.5      |     |
| lost to NTSC IX                    | 554        | 1005.2       |     |
| lost to additional IX by ATV       | 0          | 0.0          |     |
| lost to all IX                     | 554        | 1005.2       |     |

Potential Interfering Stations Included in above Scenario 1

|   |              |             |             |
|---|--------------|-------------|-------------|
| 9N TX SAN ANTONIO                       | BLET         | 19840417KE  | LIC         |
| 10N TX DEL RIO                          | BLCT         | 19970522KE  | LIC         |
| 10N TX VICTORIA                         | USERRECORD01 |             | APP         |
| *Percent Service lost without proposal: |              | 0.0 to BLCT | 20010201AEY |
| *Percent Service lost with proposal:    |              | 0.1 to BLCT | 20010201AEY |

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Analysis of Interference to Affected Station 2

Analysis of current record

|         |      |             |             |              |
|---------|------|-------------|-------------|--------------|
| Channel | Call | City/State  | Application | Ref. No.     |
| 11      | KVCT | VICTORIA TX | BMPCDT      | -20021107AAS |

Stations Potentially Affecting This Station

|      |         |                   |          |        |             |              |
|------|---------|-------------------|----------|--------|-------------|--------------|
| Chan | Call    | City/State        | Dist(km) | Status | Application | Ref. No.     |
| 10   | KZTV    | CORPUS CHRISTI TX | 135.8    | LIC    | BLCT        | -20010201AEY |
| 11   | KTVT    | FORT WORTH TX     | 415.3    | LIC    | BMLCT       | -20021028AAN |
| 11   | KHOU-TV | HOUSTON TX        | 176.6    | LIC    | BLCT        | -19920417KE  |
| 11   | KTRE    | LUFKIN TX         | 363.0    | LIC    | BLCDDT      | -20051222AEX |
| 11   | KTRE-TV | LUFKIN TX         | 363.0    | APP    | BPRM        | -20000728AAJ |

FIGURE 2—OET-69 STUDY FOR K10PL, VICTORIA, TX SITE MOVE (CHANNEL 10z)

|    |          |                    |       |     |               |              |
|----|----------|--------------------|-------|-----|---------------|--------------|
| 11 | KLST-DT  | SAN ANGELO TX      | 396.8 | PLN | DTVPLN        | -DTVP0090    |
| 11 | KLST     | SAN ANGELO TX      | 396.8 | APP | BMPCDT        | -20070125ACQ |
| 12 | KAMU-DT  | COLLEGE STATION TX | 212.3 | PLN | DTVPLN        | -DTVP0107    |
| 12 | KSAT-TV  | SAN ANTONIO TX     | 119.8 | LIC | BLCT          | -1209        |
| 10 | VICTORIA | VICTORIA TX        | 14.4  | APP | USERRECORD-01 |              |

Proposal causes no interference

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