

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 33

Maricopa, AZ

## Channel Study

REFERENCE CH# 288C2- 105.5 MHz, Pwr= 50 kW, HAAT= 150.3 M, COR= 541 M DISPLAY DATES  
33 00 14.0 N. Average Protected F(50-50)= 52.2 km DATA 01-31-12  
111 58 54.0 W. Omni-directional SEARCH 01-31-12

| CH<br>CITY               | CALL     | TYPE<br>STATE | ANT | AZI.<br><--    | DIST<br>FILE #          | LAT.<br>LNG.              | Pwr(kW)<br>HAAT(M) | INT(km)<br>COR(M) | PRO(km)<br>LICENSEE                | *IN*<br>(Overlap | *OUT*<br>in km) |
|--------------------------|----------|---------------|-----|----------------|-------------------------|---------------------------|--------------------|-------------------|------------------------------------|------------------|-----------------|
| 288C1<br>Heber           | KSNX     | LIC NCX<br>AZ |     | 41.6<br>222.4  | 218.1<br>BLH20101203AAN | 34 27 43.0<br>110 24 10.0 | 100.000<br>125     | 133.7<br>2038     | 34.8<br>New Directions Media, Inc. | 31.5             | 44.8            |
| 287C3<br>Casas Adobes    | KZLZ«    | LIC DCX<br>AZ |     | 135.8<br>316.2 | 116.7<br>BLH20110322ABK | 32 14 56.0<br>111 06 58.0 | 0.580<br>581       | 57.5<br>1350      | 37.1<br>KzLz, Llc                  | 116.5R           | 0.15M           |
| 290C2<br>Paradise Valley | KHOT-FM« | LIC ZCN<br>AZ |     | 17.5<br>197.6  | 68.0<br>BLH19981216KB   | 33 35 16.0<br>111 45 38.0 | 36.000<br>176      | 7.3<br>688        | 60.2<br>Univision Radio License Co | 57.5R            | 10.5M           |
| 287C2<br>Wickenburg      | R12341«  | DEL<br>AZ     |     | 331.8<br>151.4 | 150.0                   | 34 11 32.0<br>112 45 13.0 | 50.000<br>150      | 112.2<br>1358     | 76.2<br>Michael Cusinato           | 129.5R           | 20.5M           |
| 287C2<br>Wickenburg      | KHOV-FM« | LIC CN<br>AZ  |     | 331.8<br>151.4 | 150.0<br>BLH19910830KD  | 34 11 32.0<br>112 45 13.0 | 6.000<br>416       | 97.8<br>1623      | 66.4<br>Univision Radio License Co | 129.5R           | 20.5M           |
| 286C0<br>Wickenburg      | KHOV-FM« | RSV-A<br>AZ   |     | 327.7<br>147.2 | 140.6                   | 34 04 17.0<br>112 47 55.0 | 100.000<br>450     | 13.7<br>1287      | 91.8<br>Univision Radio License Co | 88.5R            | 52.1M           |
| 286C0<br>Wickenburg      | KHOV-FM« | APP NCX<br>AZ |     | 331.7<br>151.3 | 149.8<br>BPH20080915AFP | 34 11 23.0<br>112 45 18.0 | 100.000<br>371     | 14.5<br>1565      | 94.4<br>Univision Radio License Co | 88.5R            | 61.3M           |
| 291A<br>Miami            | R12465«  | ADD<br>AZ     |     | 67.4<br>248.0  | 118.6                   | 33 24 30.0<br>110 48 14.0 | 6.000<br>100       | 3.1<br>1362       | 32.5<br>Jerry D. Russell           | 54.5R            | 64.1M           |

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station.  
Reference Zone= - Zone 2, Co to 3rd adjacent.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
« = Station meets FCC minimum distance spacing for its class.  
Reference station has protected zone issue: Mexico

Exhibit 33-A

FMCommander Single Allocation Study - 02-01-2012 - NGDC 30 SEC  
KLVA.P's Overlaps (In= 31.47 km, Out= 44.8 km)

KLVA.P^ CH 288 C2

Lat= 33 00 14.0, Lng= 111 58 54.0

Max CIs: 50.0 kW 150 M HAAT, 540.7 M COR

Prot.= 60 dBu, Intef.= 40 dBu

KSNX CH 288 C1 73.215 N BLH20101203AAN

Lat= 34 27 43.0, Lng= 110 24 10.0

100.0 kW 125 M HAAT, 2038 M COR

Prot.= 60 dBu, Intef.= 40 dBu

