



| Angle | Amp | dB | Angle | Amp | dB | Angle | Amp | dB | Angle | Amp | dB |
|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|
| -5.00 | 0.024 | -32.40 | 9.00 | 0.138 | -17.20 | 36.00 | 0.123 | -18.20 | 63.50 | 0.021 | -33.56 |
| -4.75 | 0.086 | -21.31 | 9.25 | 0.139 | -17.14 | 36.50 | 0.138 | -17.20 | 64.00 | 0.035 | -29.12 |
| -4.50 | 0.155 | -16.19 | 9.50 | 0.159 | -15.97 | 37.00 | 0.144 | -16.83 | 64.50 | 0.047 | -26.56 |
| -4.25 | 0.218 | -13.23 | 9.75 | 0.190 | -14.42 | 37.50 | 0.138 | -17.20 | 65.00 | 0.058 | -24.73 |
| -4.00 | 0.270 | -11.37 | 10.00 | 0.224 | -13.00 | 38.00 | 0.123 | -18.20 | 65.50 | 0.066 | -23.61 |
| -3.75 | 0.309 | -10.20 | 10.50 | 0.280 | -11.06 | 38.50 | 0.100 | -20.00 | 66.00 | 0.072 | -22.85 |
| -3.50 | 0.331 | -9.60 | 11.00 | 0.306 | -10.29 | 39.00 | 0.073 | -22.73 | 66.50 | 0.075 | -22.50 |
| -3.25 | 0.337 | -9.45 | 11.50 | 0.295 | -10.60 | 39.50 | 0.050 | -26.02 | 67.00 | 0.075 | -22.50 |
| -3.00 | 0.326 | -9.74 | 12.00 | 0.253 | -11.94 | 40.00 | 0.044 | -27.13 | 67.50 | 0.073 | -22.73 |
| -2.75 | 0.302 | -10.40 | 12.50 | 0.193 | -14.29 | 40.50 | 0.054 | -25.35 | 68.00 | 0.070 | -23.10 |
| -2.50 | 0.273 | -11.28 | 13.00 | 0.127 | -17.92 | 41.00 | 0.066 | -23.61 | 68.50 | 0.064 | -23.88 |
| -2.25 | 0.256 | -11.84 | 13.50 | 0.070 | -23.10 | 41.50 | 0.071 | -22.97 | 69.00 | 0.059 | -24.58 |
| -2.00 | 0.270 | -11.37 | 14.00 | 0.031 | -30.17 | 42.00 | 0.068 | -23.35 | 69.50 | 0.055 | -25.19 |
| -1.75 | 0.324 | -9.79 | 14.50 | 0.013 | -37.72 | 42.50 | 0.057 | -24.88 | 70.00 | 0.054 | -25.35 |
| -1.50 | 0.410 | -7.74 | 15.00 | 0.005 | -46.02 | 43.00 | 0.040 | -27.96 | 70.50 | 0.056 | -25.04 |
| -1.25 | 0.512 | -5.81 | 15.50 | 0.006 | -44.44 | 43.50 | 0.020 | -33.98 | 71.00 | 0.062 | -24.15 |
| -1.00 | 0.619 | -4.17 | 16.00 | 0.018 | -34.89 | 44.00 | 0.005 | -46.02 | 71.50 | 0.071 | -22.97 |
| -0.75 | 0.723 | -2.82 | 16.50 | 0.025 | -32.04 | 44.50 | 0.021 | -33.56 | 72.00 | 0.080 | -21.94 |
| -0.50 | 0.817 | -1.76 | 17.00 | 0.022 | -33.15 | 45.00 | 0.036 | -28.87 | 72.50 | 0.091 | -20.82 |
| -0.25 | 0.895 | -0.96 | 17.50 | 0.007 | -43.10 | 45.50 | 0.045 | -26.94 | 73.00 | 0.101 | -19.91 |
| 0.00 | 0.954 | -0.41 | 18.00 | 0.018 | -34.89 | 46.00 | 0.048 | -26.38 | 73.50 | 0.110 | -19.17 |
| 0.25 | 0.989 | -0.10 | 18.50 | 0.044 | -27.13 | 46.50 | 0.046 | -26.74 | 74.00 | 0.119 | -18.49 |
| 0.50 | 1.000 | 0.00 | 19.00 | 0.065 | -23.74 | 47.00 | 0.040 | -27.96 | 74.50 | 0.126 | -17.99 |
| 0.75 | 0.985 | -0.13 | 19.50 | 0.074 | -22.62 | 47.50 | 0.031 | -30.17 | 75.00 | 0.132 | -17.59 |
| 1.00 | 0.946 | -0.48 | 20.00 | 0.071 | -22.97 | 48.00 | 0.026 | -31.70 | 75.50 | 0.137 | -17.27 |
| 1.25 | 0.884 | -1.07 | 20.50 | 0.061 | -24.29 | 48.50 | 0.025 | -32.04 | 76.00 | 0.140 | -17.08 |
| 1.50 | 0.802 | -1.92 | 21.00 | 0.071 | -22.97 | 49.00 | 0.029 | -30.75 | 76.50 | 0.142 | -16.95 |
| 1.75 | 0.705 | -3.04 | 21.50 | 0.109 | -19.25 | 49.50 | 0.033 | -29.63 | 77.00 | 0.142 | -16.95 |
| 2.00 | 0.598 | -4.47 | 22.00 | 0.157 | -16.08 | 50.00 | 0.034 | -29.37 | 77.50 | 0.142 | -16.95 |
| 2.25 | 0.487 | -6.25 | 22.50 | 0.201 | -13.94 | 50.50 | 0.031 | -30.17 | 78.00 | 0.140 | -17.08 |
| 2.50 | 0.381 | -8.38 | 23.00 | 0.229 | -12.80 | 51.00 | 0.024 | -32.40 | 78.50 | 0.137 | -17.27 |
| 2.75 | 0.292 | -10.69 | 23.50 | 0.238 | -12.47 | 51.50 | 0.015 | -36.48 | 79.00 | 0.133 | -17.52 |
| 3.00 | 0.237 | -12.51 | 24.00 | 0.225 | -12.96 | 52.00 | 0.003 | -50.46 | 79.50 | 0.129 | -17.79 |
| 3.25 | 0.228 | -12.84 | 24.50 | 0.194 | -14.24 | 52.50 | 0.009 | -40.92 | 80.00 | 0.124 | -18.13 |
| 3.50 | 0.253 | -11.94 | 25.00 | 0.150 | -16.48 | 53.00 | 0.020 | -33.98 | 80.50 | 0.118 | -18.56 |
| 3.75 | 0.289 | -10.78 | 25.50 | 0.102 | -19.83 | 53.50 | 0.029 | -30.75 | 81.00 | 0.112 | -19.02 |
| 4.00 | 0.319 | -9.92 | 26.00 | 0.062 | -24.15 | 54.00 | 0.035 | -29.12 | 81.50 | 0.106 | -19.49 |
| 4.25 | 0.336 | -9.47 | 26.50 | 0.044 | -27.13 | 54.50 | 0.038 | -28.40 | 82.00 | 0.100 | -20.00 |
| 4.50 | 0.335 | -9.50 | 27.00 | 0.049 | -26.20 | 55.00 | 0.037 | -28.64 | 82.50 | 0.093 | -20.63 |
| 4.75 | 0.317 | -9.98 | 27.50 | 0.055 | -25.19 | 55.50 | 0.033 | -29.63 | 83.00 | 0.086 | -21.31 |
| 5.00 | 0.284 | -10.93 | 28.00 | 0.052 | -25.68 | 56.00 | 0.028 | -31.06 | 83.50 | 0.080 | -21.94 |
| 5.25 | 0.237 | -12.51 | 28.50 | 0.041 | -27.74 | 56.50 | 0.025 | -32.04 | 84.00 | 0.073 | -22.73 |
| 5.50 | 0.180 | -14.89 | 29.00 | 0.025 | -32.04 | 57.00 | 0.026 | -31.70 | 84.50 | 0.066 | -23.61 |
| 5.75 | 0.116 | -18.71 | 29.50 | 0.010 | -40.00 | 57.50 | 0.033 | -29.63 | 85.00 | 0.060 | -24.44 |
| 6.00 | 0.052 | -25.68 | 30.00 | 0.002 | -53.98 | 58.00 | 0.041 | -27.74 | 85.50 | 0.053 | -25.51 |
| 6.25 | 0.026 | -31.70 | 30.50 | 0.008 | -41.94 | 58.50 | 0.049 | -26.20 | 86.00 | 0.047 | -26.56 |
| 6.50 | 0.081 | -21.83 | 31.00 | 0.008 | -41.94 | 59.00 | 0.055 | -25.19 | 86.50 | 0.041 | -27.74 |
| 6.75 | 0.133 | -17.52 | 31.50 | 0.003 | -50.46 | 59.50 | 0.058 | -24.73 | 87.00 | 0.035 | -29.12 |
| 7.00 | 0.176 | -15.09 | 32.00 | 0.003 | -50.46 | 60.00 | 0.057 | -24.88 | 87.50 | 0.029 | -30.75 |
| 7.25 | 0.206 | -13.72 | 32.50 | 0.008 | -41.94 | 60.50 | 0.054 | -25.35 | 88.00 | 0.023 | -32.77 |
| 7.50 | 0.224 | -13.00 | 33.00 | 0.012 | -38.42 | 61.00 | 0.046 | -26.74 | 88.50 | 0.017 | -35.39 |
| 7.75 | 0.228 | -12.84 | 33.50 | 0.017 | -35.39 | 61.50 | 0.036 | -28.87 | 89.00 | 0.011 | -39.17 |
| 8.00 | 0.220 | -13.15 | 34.00 | 0.029 | -30.75 | 62.00 | 0.024 | -32.40 | 89.50 | 0.006 | -44.44 |
| 8.25 | 0.203 | -13.85 | 34.50 | 0.050 | -26.02 | 62.50 | 0.011 | -39.17 | 90.00 | 0.000 | --- |
| 8.50 | 0.179 | -14.94 | 35.00 | 0.075 | -22.50 | 63.00 | 0.007 | -43.10 | | | |
| 8.75 | 0.154 | -16.25 | 35.50 | 0.101 | -19.91 | 63.50 | 0.021 | -33.56 | | | |

ANDREW CORPORATION
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Company: SD Public Broadcasti Date: 4/23/04
Site: Hetland Author:
Proposal Number: