## CHANNEL STUDY

NEW NCE FM, HAMPTON, IA; FCC ID # 762428

Minn-Iowa Christian Broadcasting, Inc.

## LACK OF CONTOUR OVERLAP

The following study (**Figure 1**) reveals the lack of any contour overlap or spacing infraction with 1st, 2nd, 3rd adjacent and I.F. related facilities.

NEW NCE, HAMPTON, IA
Minn-Iowa Christian Broadcasting, Inc.

REFERENCE CH# 213C3- 90.5 MHz, Pwr= 25 kW, HAAT= 73.6 M, COR= 390.1 M DISPLAY DATES
42 33 47.5 N. Average Protected F(50-50)= 34.1 km DATA 10-08-21
92 57 22.5 W. Omni-directional SEARCH 10-12-21

| CH CITY | CALL | TYPE | ANT STATE | AZI. <-- | DIST FILE # | LAT. LNG. | Pwr(kW) HAAT(M) | INT(km) COR(M) | PRO(km) LICENSEE | *IN* (Overlap in km) | *OUT* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 215C Cedar Falls | KUNI | LIC | CN IA | 106.6 287.3 | 94.13 BMLED19841106LW | 42 18 58.90 91 51 31.60 | 100.000 524 | 12.7 799 | 87.7 University Of Northern Iow | 44.4 | 2.6 |
| 210A Waverly | KWAR | LIC | CN IA | 64.6 244.9 | 42.71 BLED20080408ABB | 42 43 36.90 92 29 01.60 | 0.100 26 | 0.7 320 | 6.1 Wartburg College | 4.6 | 32.5 |
| 211C Ames | WOI-FM | LIC | CN IA | 213.1 32.7 | 99.86 BLED978 | 41 48 32.90 93 36 53.70 | 100.000 454 | 12.3 745 | 84.3 Iowa State University Of S | 56.5 | 12.4 |
| 213C1 St. Peter | KNGA | LIC | CN MN | 333.4 152.6 | 206.93 BMLED20120501AAX | 44 13 19.90 94 07 03.90 | 75.000 216 | 158.4 504 | 64.2 Minnesota Public Radio | 15.0 | 35.5 |
| 266C1 Marshalltown | KXIA« | LIC | CN IA | 177.9 358.0 | 62.01 BLH19950727KE | 42 00 18.90 92 55 45.70 | 100.000 200 | 0.0 491 | 0.0 Trending Media, Inc. | 23.5R | 38.5M |
| 216C Fort Dodge | KNSK | LIC | CN IA | 283.9 102.9 | 122.24 BLED20070911ABL | 42 49 02.90 94 24 41.90 | 100.000 326 | 10.6 676 | 74.8 Iowa State University Of S | 81.5 | 44.5 |
| 212C La Crosse | WHLA | LIC | CN WI | 42.5 223.5 | 188.77 BMLED20160729AFU | 43 48 18.30 91 22 05.10 | 100.000 307 | 104.5 574 | 71.9 State Of Wisconsin - Educa | 46.4 | 58.0 |
| 210A Hawkeye | KRJE | LIC | CN IA | 68.8 249.6 | 98.68 BLED20110518AAA | 42 52 42.90 91 49 36.60 | 0.850 68 | 1.6 409 | 14.2 Hawkeye Seventh-Day Advent | 58.6 | 80.3 |
| 213A Platteville | WSUP | LIC | CN WI | 83.8 265.5 | 202.88 BLED19910227KA | 42 43 56.90 90 29 09.40 | 1.000 45 | 55.4 337 | 16.1 Board Of Regents Of The Un | 108.5 | 72.7 |
| 213A Fairfield | KHOE | LIC | CN IA | 154.2 334.9 | 190.43 BLED19940809KB | 41 00 59.10 91 58 09.60 | 0.100 30 | 18.6 257 | 5.6 Maharishi International Un | 136.8 | 75.3 |
| 214C3 Carroll | KNSC | LIC | CN IA | 252.8 71.5 | 160.38 BLED20021121AAF | 42 07 13.90 94 48 49.90 | 10.000 88 | 52.3 464 | 34.2 Iowa State University Of S | 79.4 | 79.8 |
| 211A Austin | KNSE | LIC | DCN MN | 352.7 172.5 | 120.81 BLED20031230AAP | 43 38 26.90 93 08 51.70 | 6.000 97 | 1.8 476 | 20.4 Minnesota Public Radio | 83.2 | 96.5 |
| 214C3 Rochester | KLSE | LIC | CN MN | 16.7 197.1 | 171.69 BLED19980504KH | 44 02 27.90 92 20 25.60 | 1.100 263 | 43.9 608 | 29.0 Minnesota Public Radio | 90.7 | 84.8 |
| 213C1 Maryville | KXCV | LIC | CN MO | 214.5 33.2 | 289.11 BMLED20180420AAP | 40 24 09.00 94 53 16.90 | 100.000 193 | 160.6 522 | 62.8 Northwest Missouri State U | 97.5 | 119.7 |

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference Zone= - Zone 2, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
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.

**Figure 1**

In addition, there are no primary full-power TV Channel 6 facilities requiring consideration.