# Long Form Application for NEW FM Translator

RADIO 74 INTERNATIONALE
Cambridge City, IN

Facility ID: 142178

BNPFT - 20030317KWB

Since this application was filed in 2003, interference has emerged which would preclude the original site. Consequently, we propose to move to new coordinates.

V-Soft predicts that no prohibited interference will be caused by this move.

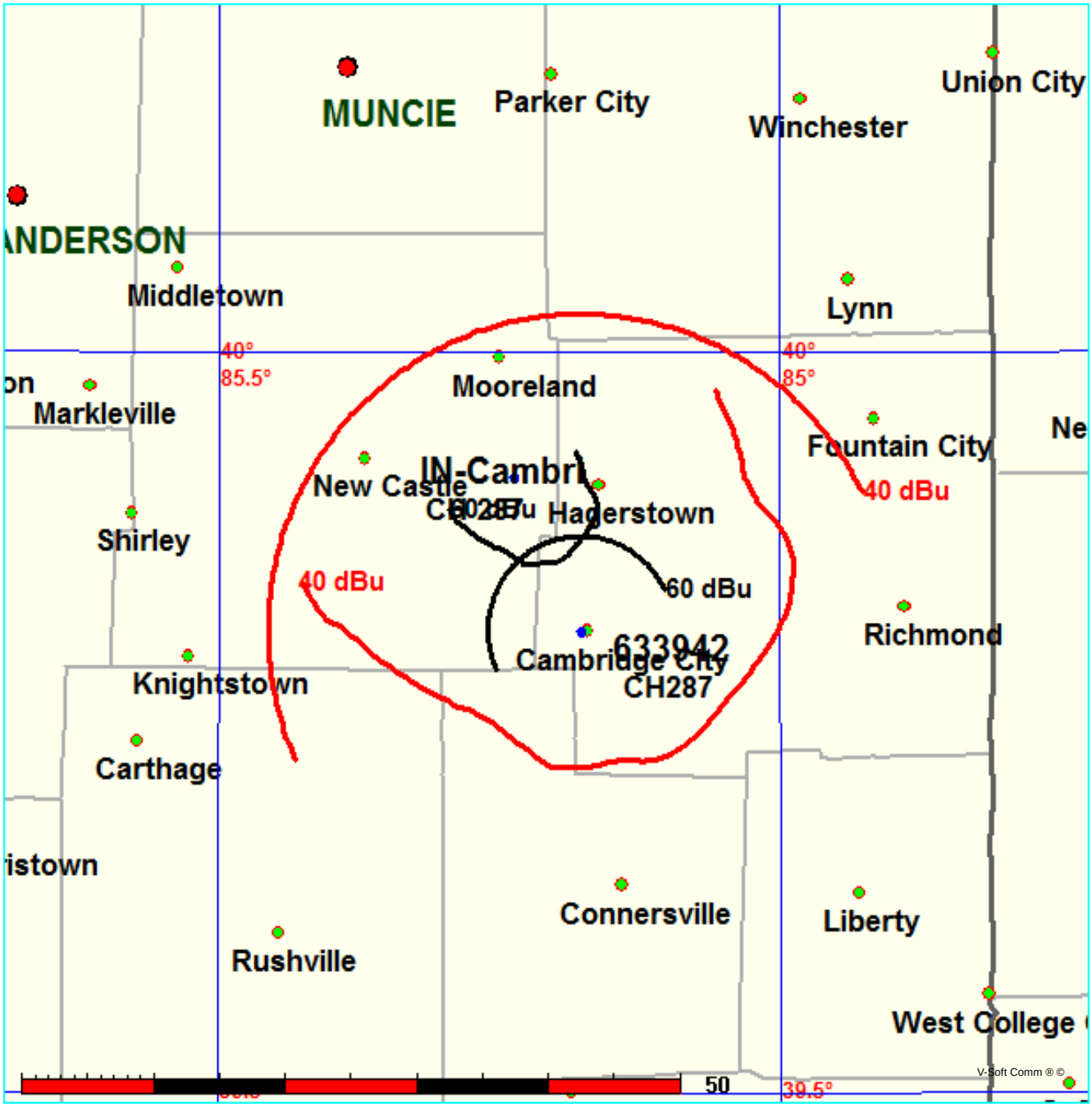

The old and new 60 dBu contours overlap as illustrated below:

IN - Cambridge City
Old and New 60 dBu contours overlap

FMCommander Single Allocation Study - 03-28-2013 - NGDC 30 SEC
IN-Cambri's Overlaps (In= -18.12 km, Out= -17.76 km)

IN-Cambri CH 287 D
Lat= 39 54 57.0,  Lng= 85 14 14.0
0.055 kW  40.4 M HAAT, 370 M COR
Prot.=  60 dBu,  Intef.=  40 dBu

633942 CH 287 D  BNPFT20030317KWB
Lat= 39 48 45.0,  Lng= 85 10 38.0
0.25 kW  3.9 M HAAT, 315 M COR
Prot.=  60 dBu,  Intef.= 40 dBu



IN - Cambridge City
Old and New 60 dBu contours overlap

REFERENCE CH# 287D - 105.3 MHz, Pwr= 0.055 kW, HAAT= 40.4 M, COR= 370 M DISPLAY DATES
39 54 57.0 N. Average Protected F(50-50)= 5.6 km DATA 03-21-13
85 14 14.0 W. Omni-directional SEARCH 03-28-13

| CH CALL | TYPE | ANT | AZI. | DIST | LAT. | Pwr(kW) | INT(km) | PRO(km) | *IN* | *OUT* |
|---|---|---|---|---|---|---|---|---|---|---|
| CITY | STATE | | <-- | FILE # | LNG. | HAAT(M) | COR(M) | LICENSEE | (Overlap in km) | |
| 287D 633942 | APP | C | 156.0 | 12.56 | 39 48 45.0 | 0.250 | 23.8 | 7.1 | -18.1* | -17.8 |
| Cambridge City | IN | | 336.0 | BNPFT20030317KWB | 85 10 38.0 | 4 | 315 | Radio 74 Internationale | | |
| 285A WERK | LIC | CX | 328.4 | 31.26 | 40 09 19.0 | 6.000 | 2.5 | 25.7 | 23.4 | 5.1 |
| Muncie | IN | | 148.3 | BMLH20050322ADL | 85 25 48.0 | 100 | 392 | Backyard Broadcasting Indi | | |
| 287D W287BR | LIC | C | 225.3 | 34.59 | 39 41 48.0 | 0.250 | 23.8 | 7.1 | 5.6 | 10.5 |
| Carthage | IN | | 45.1 | BLFT20090818ACR | 85 31 28.0 | 18 | 302 | Indiana Community Radio Co | | |
| 289B WYXB | LIC | ZCX | 256.1 | 67.61 | 39 46 03.0 | 50.000 | 4.9 | 58.1 | 57.0 | 8.5 |
| Indianapolis | IN | | 75.6 | BLH20030403AAC | 86 00 12.0 | 150 | 398 | Emmis Radio License, Llc | | |
| 287D W287BR | CP | C | 236.0 | 32.85 | 39 45 01.0 | 0.060 | 15.9 | 4.9 | 11.5 | 10.1 |
| Carthage | IN | | 55.8 | BPFT20110429ABT | 85 33 19.0 | | 328 | Indiana Community Radio Co | | |
| 287B WKOA | LIC | CN | 292.1 | 147.61 | 40 24 08.0 | 50.000 | 127.3 | 53.2 | 14.3 | 65.9 |
| Lafayette | IN | | 111.0 | BLH6529 | 86 50 59.0 | 94 | 291 | Wask, Inc. | | |
| 287D W287BC | LIC | C | 280.6 | 41.20 | 39 58 59.0 | 0.038 | 16.1 | 5.0 | 19.0 | 15.9 |
| Anderson | IN | | 100.3 | BLFT20061002AED | 85 42 41.0 | 59 | 330 | Indiana Community Radio Co | | |
| 288D 633665 | APP | C | 165.8 | 31.87 | 39 38 15.0 | 0.055 | 9.1 | 6.3 | 16.1 | 15.9 |
| Connersville | IN | | 345.9 | BNPFT20030312ANU | 85 08 45.0 | 63 | 350 | The Cedarville University | | |
| 290B WNKN | LIC | CX | 120.1 | 87.98 | 39 30 57.0 | 34.000 | 5.6 | 62.7 | 75.5 | 24.2 |
| Middletown | OH | | 300.7 | BMLED20110330ACO | 84 21 05.0 | 181 | 419 | Northern Kentucky Universi | | |
| 284B WTUE | LIC | CX | 103.5 | 90.61 | 39 43 19.0 | 28.000 | 5.7 | 63.9 | 78.5 | 25.7 |
| Dayton | OH | | 284.1 | BMLH20120315ADK | 84 12 33.0 | 200 | 467 | Citicasters Licenses, Inc. | | |
| 286B WUBE-FM | LIC | CX | 144.0 | 108.35 | 39 07 30.0 | 14.500 | 74.5 | 63.4 | 26.8 | 30.7 |
| Cincinnati | OH | | 324.5 | BMLH20071226AAR | 84 29 56.0 | 279 | 490 | Cincinnati Fcc License Sub | | |
| 287D 649225 | APP | C | 198.2 | 67.63 | 39 20 14.0 | 0.120 | 19.6 | 5.9 | 42.8 | 44.4 |
| Greensburg | IN | | 18.1 | BNPFT20030317ENZ | 85 29 01.0 | 24 | 301 | The Trustees Of Indiana Un | | |

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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= , 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)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.