

KILGORE BROADCAST MAINTENANCE

Page No 1

FILE: Tom265D.D14 Dieter Short tower 0.170kW 32mEAH
FCC DATABASE: 20060705 Tomahawk, WI LATITUDE: 45-33-43
DATE: 10-02-2006 CH 265D Cleared by 30 km LONGITUDE: 89-41-33

| Call | City of License | ST | hERP kW | hAMSL | hEAH | Latitude | AzTo | Dist-km |
|-------|-----------------|---------|---------|-------|------|-----------|-------|---------|
| Auth | Channel Freq | Updated | vERP kW | vAMSL | vEAH | Longitude | AzFr | Req-km |
| File# | Owner | | | | | AppID | FacID | Clrd-km |

| | | | | | | | | |
|---------------------------|------------|--------|-----------------|-----|---|-------------------|--------|----------------|
| W265BF | TOMAHAWK | WI | 0.038 | 528 | 0 | 45-32-20N | 246.9 | 6.5 |
| CP | 265D 100.9 | US | 0.038 | 528 | 0 | 89-46-10W | 66.9 | 28.7 |
| BNPFT-030730AQ WRVM, INC. | | | | | | 675422 | 140530 | -22.2 SHORT /1 |
| Border= C Dist=273 | | | | | | | | |
| Prop | 0.170kW | 30mEAH | 60.0dBuF(50,50) | | | 6.43km + | | |
| W265BF | 0.038kW | 67mEAH | 40.0dBuF(50,10) | | | 21.99km = 28.42km | | |
| W265BF | 0.038kW | 67mEAH | 60.0dBuF(50,50) | | | 6.58km + | | |
| Prop | 0.170kW | 30mEAH | 40.0dBuF(50,10) | | | 22.16km = 28.74km | | |

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|---|-------------|--------------------------------|-----------------|--------------------|---|---------------------|-------|----------------|
| | TOMAHAWK | WI | 0.000 | 0 | 0 | 45-30-01N | 237.6 | 12.8 |
| ADD | 265C3 100.9 | US | 0.000 | 0 | 0 | 89-49-50W | 57.6 | 61.7 |
| RM- | 10985 | RESULTS BROADCASTING OF RHINEL | | | | 982633 | 0 | -48.9 SHORT /2 |
| Docket# | 04-202 | Intl Status = A | | Border= C Dist=276 | | Intl Class= B1 | | |
| NOTE: 25.000 kW, 100 m EAH @ 554 m RCAMSL used in calc. | | | | | | | | |
| Prop | 0.170kW | 30mEAH | 60.0dBuF(50,50) | | | 6.42km + | | |
| | 25.000kW | 103mEAH | 40.0dBuF(50,10) | | | 114.12km = 120.54km | | |
| | 25.000kW | 103mEAH | 60.0dBuF(50,50) | | | 39.53km + | | |
| Prop | 0.170kW | 30mEAH | 40.0dBuF(50,10) | | | 22.16km = 61.69km | | |

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|---|---------|--------|-----------------|----|-----------|-------------------|-------------------|--|
| WDYD-LP MERRILL | WI | 0.095 | 410 | -4 | 45-12-37N | 176.7 | 39.1 | |
| LIC 265L1 100.9 | US | 0.000 | 0 | 0 | 89-39-50W | 356.7 | 27.7 | |
| BLL-050202AC THE NEW TESTAMENT CHURCH, INC. | | | | | | 1043319 | 131630 11.4 CLOSE | |
| Border= C Dist=309 | | | | | | | | |
| Prop | 0.170kW | 30mEAH | 60.0dBuF(50,50) | | | 6.45km + | | |
| WDYD-L | 0.095kW | 30mEAH | 40.0dBuF(50,10) | | | 18.33km = 24.78km | | |
| WDYD-L | 0.095kW | 30mEAH | 60.0dBuF(50,50) | | | 5.53km + | | |
| Prop | 0.170kW | 30mEAH | 40.0dBuF(50,10) | | | 22.16km = 27.69km | | |

| | | | | | | | | |
|---|---------|---------|------------------|-----|-----------|-----------------|------------------|--|
| W267AF RHINELANDER | WI | 0.015 | 595 | 110 | 45-37-12N | 73.3 | 22.5 | |
| LIC 267D 101.3 | US | 0.000 | 0 | 0 | 89-25-00W | 253.3 | 7.8 | |
| BLFT-950519TA WRVM, INC. | | | | | | 209198 | 14546 14.7 CLOSE | |
| Intl Status = SOPER Border= C Dist=262 Intl Class= D | | | | | | | | |
| Dir Ant = @ 3.0 Deg | | | | | | | | |
| Prop | 0.170kW | 2mEAH | 60.0dBuF(50,50) | | | 6.42km + | | |
| W267AF | 0.015kW | 115mEAH | 100.0dBuF(50,10) | | | 0.27km = 6.69km | | |
| W267AF | 0.015kW | 115mEAH | 60.0dBuF(50,50) | | | 6.91km + | | |
| Prop | 0.170kW | 2mEAH | 100.0dBuF(50,10) | | | 0.91km = 7.82km | | |
| Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP | | | | | | | | |

/1 This is the subject of this application

/2 An allocation for a station that does not yet exist.

**** END OF STUDY ****