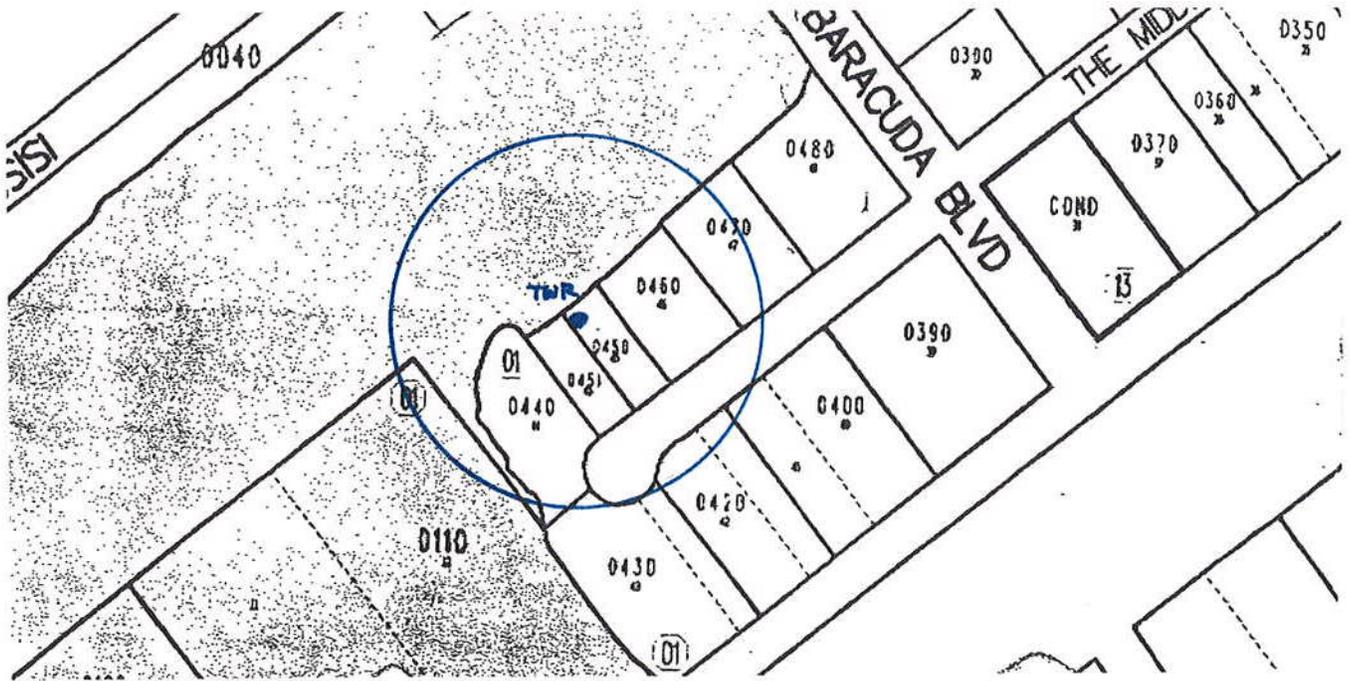


MINOR CHANGE APPLICATION
T K RADIO, INC.
WSBB AM RADIO STATION
1230 kHz - 1.0 kW - NDU
NEW SMYRNA BEACH, FLORIDA
November 2005

EXHIBIT #11

Property Plat and Ground System

Ground system of 120 buried radial wires, each 69.96 meters (200.0 feet) in length evenly distributed around the tower base. Interspersed between the full length radial wires are 120, buried radial wires, each 15 meters (50 feet) in length extending from the tower base.



MORGAN B. GILREATH, JR.
 Property Appraiser
 Volusia County, FL

February 12, 2002

mewman - /assessment/plot/parcel.aml



SCALE: 1:2400



EXHIBIT #11(2)

GRAHAM BROCK, INC.
 BROADCAST TECHNICAL CONSULTANTS

MINOR CHANGE APPLICATION
T K RADIO, INC.
WSBB AM RADIO STATION
1230 kHz - 1.0 kW - NDU
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November 2005

EXHIBIT #1J(1)

Site Photos



North



Northeast

MINOR CHANGE APPLICATION
T K RADIO, INC.
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November 2005

EXHIBIT #1J(2)

Site Photos



East



Southeast

MINOR CHANGE APPLICATION
T K RADIO, INC.
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EXHIBIT #1J(3)

Site Photos



South



Southwest

MINOR CHANGE APPLICATION
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EXHIBIT #1J(4)

Site Photos



West



Northwest

MINOR CHANGE APPLICATION
T K RADIO, INC.
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NEW SMYRNA BEACH, FLORIDA
November 2005

EXHIBIT #1K

Nearby Broadcast Stations

ID Stations Study at 29 02 03 N, 80 55 02 W, Search Distance = 16 km

| Call | Service | City | State | Chan. | Power | Coordinates | Dist-km | Azimuth | File Number |
|---------------------------|---------|---------------|-------|-------|------------|-----------------|---------|---------|------------------|
| AM ----- None Found ----- | | | | | | | | | |
| FM ----- | | | | | | | | | |
| AP275 | X | New Smyrna Be | FL | 275D | 0000.120kW | 290157N 805503W | 000.2 | 188.3 | BNPFT20030312AOV |
| AP275 | X | New Smyrna Be | FL | 275D | 0000.250kW | 290059N 805630W | 003.1 | 230.3 | BNPFT20030314AVR |
| WJLU | M | New Smyrna Be | FL | 209C3 | 0010.000kW | 290032N 805827W | 006.2 | 243.1 | BLED19941007KA |
| AP275 | X | New Smyrna Be | FL | 275D | 0000.250kW | 290032N 805827W | 006.2 | 243.1 | BNPFT20030312BDM |
| AP247 | X | Edgewater | FL | 247D | 0000.250kW | 285616N 805210W | 011.7 | 156.5 | BNPFT20030312BDK |
| WKTO | M | Edgewater | FL | 204A | 0005.000kW | 290229N 810323W | 013.6 | 273.4 | BLED19971015KA |
| WLGW-L | L | Edgewater | FL | 237L1 | 0000.100kW | 285458N 805211W | 013.9 | 160.6 | BLL20050303ACQ |
| WLGW-L | L | Edgewater | FL | 237L1 | 0000.100kW | 285457N 805210W | 013.9 | 160.5 | BPL20050912AAU |
| WKROFM | M | Edgewater | FL | 226C3 | 0015.000kW | 285340N 805308W | 015.8 | 168.8 | BLH19981210KC |
| TV ----- None Found ----- | | | | | | | | | |

Program **FIGURE 8** calculates the Inverse Distance Field for AM broadcast stations with frequencies between **530** and **1700 kHz**. The program is a computer version of Figure 8 of Section 73.190 of the FCC Rules.

The Inverse Distance Fields calculated here are in units of **mV/m at 1 MILE**.

| | |
|-----------------------------------|--|
| Frequency: | 1230.00 kHz |
| Number of Radials: | 120 radials |
| Correction for number of radials: | 0.0000 mV/m @ 1 MILE |
| Average Length of Ground Radials: | 60.960 meters 200.000 feet 0.250 wavelengths 90.039 degrees |
| Correction factor for length: | 0.0000 mV/m @ 1 Mile |
| Wavelength: | 243.734 meters 799.651 feet |
| Tower Height: | 27.432 meters 90.000 feet 0.113 wavelengths 40.518 degrees |

Predicted Field Strength from Figure 8, Section 73.190:

| (Metric units) | | | |
|---------------------|-------------------|-----------------|--------------------|
| | Theoretical Field | Corrected Field | |
| At 1.00 kW : | 271.272 | 271.272 | mV/m @ 1 KILOMETER |
| At 1.00 kW : | 271.272 | 271.272 | mV/m @ 1 KILOMETER |
| (English units) | | | |
| | Theoretical Field | Corrected Field | |
| At 1.00 kW : | 168.561 | 168.561 | mV/m @ 1 MILE |
| At 1.00 kW : | 168.561 | 168.561 | mV/m @ 1 MILE |

EXHIBIT #1L
 MINOR CHANGE APPLICATION
 T K RADIO, INC.
 WSBB AM RADIO STATION
 1230 kHz - 1.0 kW NDU
 NEW SMYRNA BEACH, FLORIDA
 November 2005

Output from NADCON for station WSBB

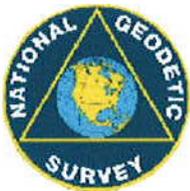
North American Datum Conversion

NAD 27 to NAD 83

NADCON Program Version 2.11

=====
Transformation #: 1 Region: Conus

| | Latitude | Longitude |
|-------------------------------|---------------|------------------|
| NAD 27 datum values: | 29 02 2.50000 | 80 55 1.50000 |
| NAD 83 datum values: | 29 02 3.44771 | 80 55 0.69327 |
| NAD 83 - NAD 27 shift values: | 0.94771 | -0.80673 (secs.) |
| | 29.178 | -21.828 (meters) |
| Magnitude of total shift: | | 36.439 (meters) |



[NGS HOME PAGE](#)

EXHIBIT #1M
MINOR CHANGE APPLICATION
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TOWAIR Determination Results

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

PASS SLOPE(100:1)NO FAA REQ - 3587.0 Meters (11768.2 Feet)away & below slope by 10.0 Meters (32.8100 Feet)

| Type | C/R | Latitude | Longitude | Name | Address | Lowest Elevation (m) | Runway Length (m) |
|------|-----|--------------|---------------|-----------------------|------------------------------|----------------------|-------------------|
| AIRP | R | 29-02-56.00N | 080-56-59.00W | NEW SMYRNA BEACH MUNI | VOLUSIA NEW SMYRNA BEACH, FL | 2.2 | 1524.0 |

PASS SLOPE(100:1)NO FAA REQ - 4012.0 Meters (13162.5 Feet)away & below slope by 14.0 Meters (45.93 Feet)

| Type | C/R | Latitude | Longitude | Name | Address | Lowest Elevation (m) | Runway Length (m) |
|------|-----|--------------|---------------|-----------------------|------------------------------|----------------------|-------------------|
| AIRP | R | 29-03-41.00N | 080-56-39.00W | NEW SMYRNA BEACH MUNI | VOLUSIA NEW SMYRNA BEACH, FL | 2.2 | 1524.0 |

PASS SLOPE(100:1)NO FAA REQ - 3087.0 Meters (10127.8 Feet)away & below slope by 5.0 Meters (16.3999 Feet)

| Type | C/R | Latitude | Longitude | Name | Address | Lowest Elevation (m) | Runway Length (m) |
|------|-----|-------------|---------------|-----------------------|------------------------------|----------------------|-------------------|
| AIRP | R | 29-03-9.00N | 080-56-27.00W | NEW SMYRNA BEACH MUNI | VOLUSIA NEW SMYRNA BEACH, FL | 2.2 | 1524.0 |

EXHIBIT #1N
 MINOR CHANGE APPLICATION
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PASS SLOPE(100:1)NO FAA REQ - 5526.0 Meters (18129.7 Feet)away & below slope by 30.0 Meters (98.4200 Feet)

| Type | C/R | Latitude | Longitude | Name | Address | Lowest Elevation (m) | Runway Length (m) |
|------|-----|-------------|---------------|----------------------|------------------------------|----------------------|-------------------|
| AIRP | R | 28-59-6.00N | 080-55-32.00W | MASSEY RANCH AIRPARK | VOLUSIA NEW SMYRNA BEACH, FL | 3.3 | 1172.0 |

Your Specifications

NAD83 Coordinates

Latitude 29-02-03.4 north
Longitude 080-55-00.7 west

Measurements (Meters)

Overall Structure Height (AGL) 28
Support Structure Height (AGL) 28
Site Elevation (AMSL) 0

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

Tower Construction Notification

Notify Tribes and Historic Preservation Officers of your plans to build a tower.
Note: Notification does NOT replace [Section 106 Consultation](#).

CLOSE WINDOW