

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**TECHNICAL STATEMENT**

1. This technical statement and attached exhibits were prepared on behalf of Cumulus Licensing LLC (“Cumulus”), licensee of WWIZ, Channel 280A, Mercer, Pennsylvania. Cumulus is submitting a minor change application to change the community of license for WWIZ to West Middlesex, Pennsylvania; as such, a Radio Market Analysis is necessary. Cumulus is also the licensee of WHOT-FM, Channel 266B, and WBBW, 1240 kHz, Youngstown, Ohio; WQXK, Channel 286B, and WSOM, 600 kHz, Salem, Ohio; WYFM, Channel 275B, and WPIC, 790 kHz, Sharon, Pennsylvania; and WLLF, Channel 244A, Mercer, Pennsylvania. WWIZ, WPIC, WQXK and WYFM are not licensed to communities in a metro county in the Youngstown/Warren, Ohio Arbitron market, but are considered “home” to that market. West Middlesex, the new community of license of WWIZ, is not in a metro county; therefore, WWIZ will continue to be considered “home” to the Youngstown/Warren, Ohio Arbitron Market. WHOT-FM and WBBW are each licensed to a community in a metro county in the Youngstown/Warren, Ohio Arbitron Market. WLLF and WSOM are not licensed to a community in nor considered “home” to any Arbitron market. Therefore, this review will verify compliance of commonly owned stations in both rated and non-rated markets.

**YOUNGSTOWN-WARREN, OHIO ARBITRON/BIA MARKET REVIEW**

2. As shown on Exhibit #1, there are twenty-four AM and FM (commercial and non-commercial) stations listed in the Youngstown/Warren, Ohio Arbitron Market (Market #129).

Cumulus controls four FM stations and two AM stations in the market. The number of stations indicated falls in the fifteen to twenty-nine stations tier of §73.3555(a)(1)(iii) of the Commission's rules. At this level, common ownership or control of up to six stations, with no more than four in the same service, is permissible. Therefore, Cumulus is in compliance in the rated Youngstown, Ohio market.

### **REVISED CONTOUR OVERLAP REVIEW**

3. Since WWIZ, WPIC, WQXK, and WYFM are “home” to the Youngstown, Ohio market and WLLF and WSOM are not metro stations in any market, a study has been conducted to verify that the ownership of these stations, in conjunction with the other subject stations, is also in compliance with the Commission’s multiple ownership rules. The city grade contours of the subject stations are shown on Exhibit #2. The locations of the city grade contours create areas of overlap that result in three distinct markets that require review. Market #1 consists of FM stations WWIZ, WHOT-FM, WYFM and WLLF and AM stations WPIC. Market #2 consists of FM stations WWIZ, WHOT-FM and WYFM and AM stations WPIC, WBBW and WSOM. Market #3 consists of FM stations WWIZ, WHOT-FM, WYFM and WQXK and AM stations WPIC, WBBW and WSOM.

4. Since WHOT-FM and WPIC are subject stations in all three markets, their contours will be used to determine the number of other stations providing service to the market. The subject stations in each market will then be added to determine the total number of stations in the respective markets. These contours will be considered the “Radio Market Boundary”. No stations with transmitters located more than 92.0 kilometers from the boundary of the common

overlap of subject stations will be considered. Further, no other facility controlled by Cumulus will be considered as a market contributor, unless it is a subject station in the pertinent radio market under study.

5. Exhibit #3 is a depiction of the other AM and FM stations (commercial and non-commercial) providing service to the WHOT-FM-WPIC / Radio Market Boundary, showing twenty-five contributing stations. Exhibit #4 is a tabulation of the stations in Radio Market #1, which totals thirty when the five subject stations are included.<sup>1</sup> The number of stations depicted falls in the thirty to forty-four stations tier of §73.3555(a)(1)(ii) of the Commission's rules. At this level, common ownership or control of up to seven stations with no more than four in the same service is permissible. Therefore, Cumulus is in compliance in the non-rated Market #1.

6. Exhibit #5 is a tabulation of the stations in Radio Market #2, which totals thirty-one when the six subject stations are included.<sup>2</sup> The number of stations depicted falls in the thirty to forty-four stations tier of §73.3555(a)(1)(ii) of the Commission's rules. At this level, common ownership or control of up to seven stations with no more than four in the same service is permissible. Therefore, Cumulus is in compliance in the non-rated Market #2.

7. Exhibit #6 is a tabulation of the stations in Radio Market #3, which totals thirty-one when the six subject stations are included.<sup>3</sup> The number of stations depicted falls in the thirty to forty-four stations tier of §73.3555(a)(1)(ii) of the Commission's rules. At this level, common

---

1) There are additional stations, but they were not considered as the stations identified are sufficient to allow for common control of the stations which will be commonly owned.

2) See Footnote 1, *supra*.

3) See Footnote 1, *supra*

ownership or control of up to seven stations with no more than four in the same service is permissible. Therefore, Cumulus is in compliance in the non-rated Market #3.

8. Based on the compliance shown in rated and non-rated markets reviewed, the proposed application for WWIZ, in conjunction with ownership of WHOT-FM, WBBW, WQXK, WSOM, WYFM, WPIC and WLLF, is in compliance with §73.3555 of the Commission's rules, regarding the above referenced stations.

10. The foregoing technical statement was prepared on behalf of Cumulus Licensing LLC, by Graham Brock, Inc., its Technical Consultants. All information contained herein is true and accurate to the best of our belief and knowledge. All data relating to AM and FM facilities in the relevant BIA/Arbitron market was determined using the BIA Financial Network, Inc. Media Access Pro, Version 4.6. BIA database. Technical data related to AM and FM facilities was extracted from the Commission's CDBS database. We assume no liability for errors or omissions in either database which may be adverse to the information contained herein.



## FCC Geographic Market Definition for Youngstown-Warren, OH

| Call Letters | AM/FM | Freq  | Type | Station Format | Home Market           | Market Designtn Date | Home Mkt Rank | Owner   | City & State of License | County of License |
|--------------|-------|-------|------|----------------|-----------------------|----------------------|---------------|---|-------------------------|-------------------|
| WAKZ         | FM    | 95.9  | C    | CHR            | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Sharpsville, PA         | Mercer            |
| WASN         | AM    | 1500  | C    | Urban/Talk     | Youngstown-Warren, OH | 07/02/2003           | 129           | RL Transition Corp                            | Youngstown, OH          | Mahoning          |
| WBBG         | FM    | 106.1 | C    | Oldies         | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Niles, OH               | Trumbull          |
| WBBW         | AM    | 1240  | C    | Sports         | Youngstown-Warren, OH | 07/02/2003           | 129           | Cumulus Media Holdings Inc                    | Youngstown, OH          | Mahoning          |
| WGFT         | AM    | 1330  | C    | Oldies         | Youngstown-Warren, OH | 07/02/2003           | 129           | RL Transition Corp                            | Campbell, OH            | Mahoning          |
| WHKZ         | AM    | 1440  | C    | Chrst/Talk     | Youngstown-Warren, OH | 07/02/2003           | 129           | Salem Communications Corporation              | Warren, OH              | Trumbull          |
| WHOT         | FM    | 101.1 | C    | CHR            | Youngstown-Warren, OH | 07/02/2003           | 129           | Cumulus Media Holdings Inc                    | Youngstown, OH          | Mahoning          |
| WHTX         | AM    | 1570  | C    | Adlt Stndrd    | Youngstown-Warren, OH | 07/02/2003           | 129           | p Sagittarius Communications LLC              | Warren, OH              | Trumbull          |
| WILB         | FM    | 89.5  | NC   | Religion       | Youngstown-Warren, OH | 03/29/2012           | 129           | Living Bread Radio Inc                        | Boardman, OH            | Mahoning          |
| WKBN         | AM    | 570   | C    | News/Talk      | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Youngstown, OH          | Mahoning          |
| WKTL         | FM    | 90.7  | NC   | Variety        | Youngstown-Warren, OH | 07/02/2003           | 129           | Struthers, OH City Schools Board of Directors | Struthers, OH           | Mahoning          |
| WKTX         | AM    | 830   | C    | Varty/Ethnc    | Youngstown-Warren, OH | 07/02/2003           | 129           | Kossanyi Family                               | Cortland, OH            | Trumbull          |
| WLVX         | FM    | 107.1 | NC   | ChrsContem     | Youngstown-Warren, OH | 06/15/2006           | 129           | Educational Media Foundation                  | Greenville, PA          | Mercer            |
| WMXY         | FM    | 98.9  | C    | Mix AC         | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Youngstown, OH          | Mahoning          |
| WNCD         | FM    | 93.3  | C    | Clsc Rock      | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Youngstown, OH          | Mahoning          |
| WNIO         | AM    | 1390  | C    | Nstlg/Sprts    | Youngstown-Warren, OH | 07/02/2003           | 129           | Clear Channel Communications Inc              | Youngstown, OH          | Mahoning          |
| WPIC         | AM    | 790   | C    | News/Talk      | Youngstown-Warren, OH | 08/07/2012           | 129           | Cumulus Media Holdings Inc                    | Sharon, PA              | Mercer            |
| WQXK         | FM    | 105.1 | C    | Country        | Youngstown-Warren, OH | 07/02/2003           | 129           | Cumulus Media Holdings Inc                    | Salem, OH               | Columbiana        |
| WWIZ         | FM    | 103.9 | C    | Rock           | Youngstown-Warren, OH | 07/02/2003           | 129           | Cumulus Media Holdings Inc                    | Mercer, PA              | Mercer            |
| WYCL         | AM    | 1540  | C    | Talk           | Youngstown-Warren, OH | 07/02/2003           | 129           | p Sagittarius Communications LLC              | Niles, OH               | Trumbull          |
| WYFM         | FM    | 102.9 | C    | Clsc Rock      | Youngstown-Warren, OH | 07/02/2003           | 129           | Cumulus Media Holdings Inc                    | Sharon, PA              | Mercer            |
| WYLR         | FM    | 101.9 | C    | ChrsContem     | Youngstown-Warren, OH | 07/02/2003           | 129           | Educational Media Foundation                  | Hubbard, OH             | Trumbull          |
| WYSU         | FM    | 88.5  | NC   | Clc/Nws/Inf    | Youngstown-Warren, OH | 07/02/2003           | 129           | Youngstown State University                   | Youngstown, OH          | Mahoning          |
| WYTN         | FM    | 91.7  | NC   | Relgn/Chrst    | Youngstown-Warren, OH | 07/02/2003           | 129           | Family Stations Inc                           | Youngstown, OH          | Mahoning          |

**Number of Stations in Geographic Market    24**

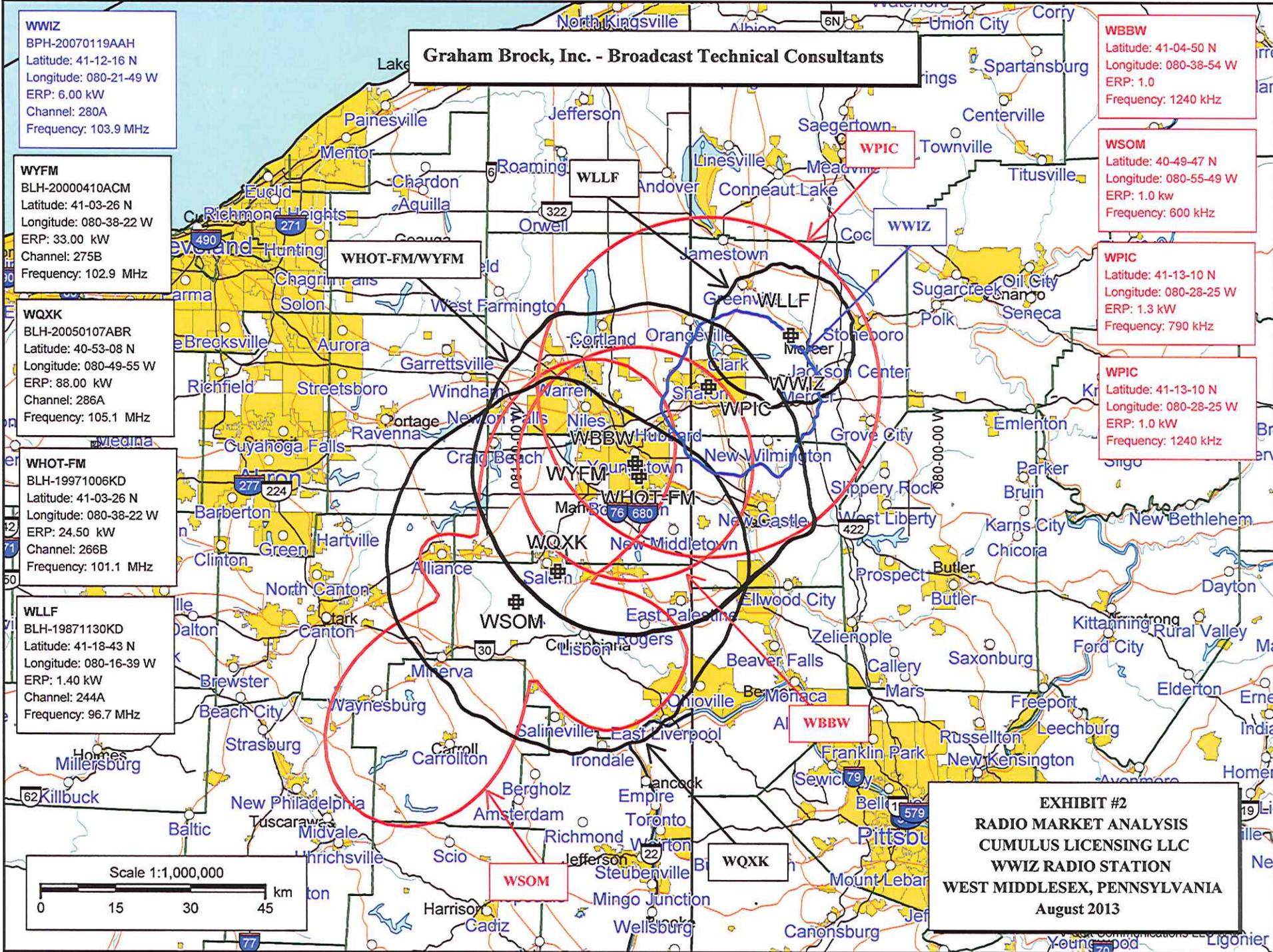
**Previous Stations in Geographic Market**

|      |    |      |   |         |  |            |   |                                  |                |            |
|------|----|------|---|---------|--|------------|---|----------------------------------|----------------|------------|
| WLLF | FM | 96.7 | C | Sports  |  | 01/07/2008 | 0 | Cumulus Media Holdings Inc       | Mercer, PA     | Mercer     |
| WSOM | AM | 600  | C | Talk    |  | 01/07/2008 | 0 | Cumulus Media Holdings Inc       | Salem, OH      | Columbiana |
| WWGY | FM | 95.1 | C | Country |  | 01/08/2007 | 0 | Forever Keymarket Communications | Grove City, PA | Mercer     |

"C" - Commercial Station; "NC" - Non Commercial Station

"p" indicates pending sale to owner listed





**Graham Brock, Inc. - Broadcast Technical Consultants**

**WWIZ**  
 BPH-20070119AAH  
 Latitude: 41-12-16 N  
 Longitude: 080-21-49 W  
 ERP: 6.00 kW  
 Channel: 280A  
 Frequency: 103.9 MHz

**WYFM**  
 BLH-20000410ACM  
 Latitude: 41-03-26 N  
 Longitude: 080-38-22 W  
 ERP: 33.00 kW  
 Channel: 275B  
 Frequency: 102.9 MHz

**WQXK**  
 BLH-20050107ABR  
 Latitude: 40-53-08 N  
 Longitude: 080-49-55 W  
 ERP: 88.00 kW  
 Channel: 286A  
 Frequency: 105.1 MHz

**WHOT-FM**  
 BLH-19971006KD  
 Latitude: 41-03-26 N  
 Longitude: 080-38-22 W  
 ERP: 24.50 kW  
 Channel: 266B  
 Frequency: 101.1 MHz

**WLLF**  
 BLH-19871130KD  
 Latitude: 41-18-43 N  
 Longitude: 080-16-39 W  
 ERP: 1.40 kW  
 Channel: 244A  
 Frequency: 96.7 MHz

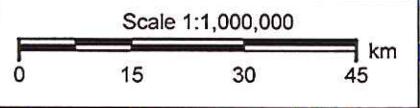
**WBBW**  
 Latitude: 41-04-50 N  
 Longitude: 080-38-54 W  
 ERP: 1.0  
 Frequency: 1240 kHz

**WSOM**  
 Latitude: 40-49-47 N  
 Longitude: 080-55-49 W  
 ERP: 1.0 kW  
 Frequency: 600 kHz

**WPIC**  
 Latitude: 41-13-10 N  
 Longitude: 080-28-25 W  
 ERP: 1.3 kW  
 Frequency: 790 kHz

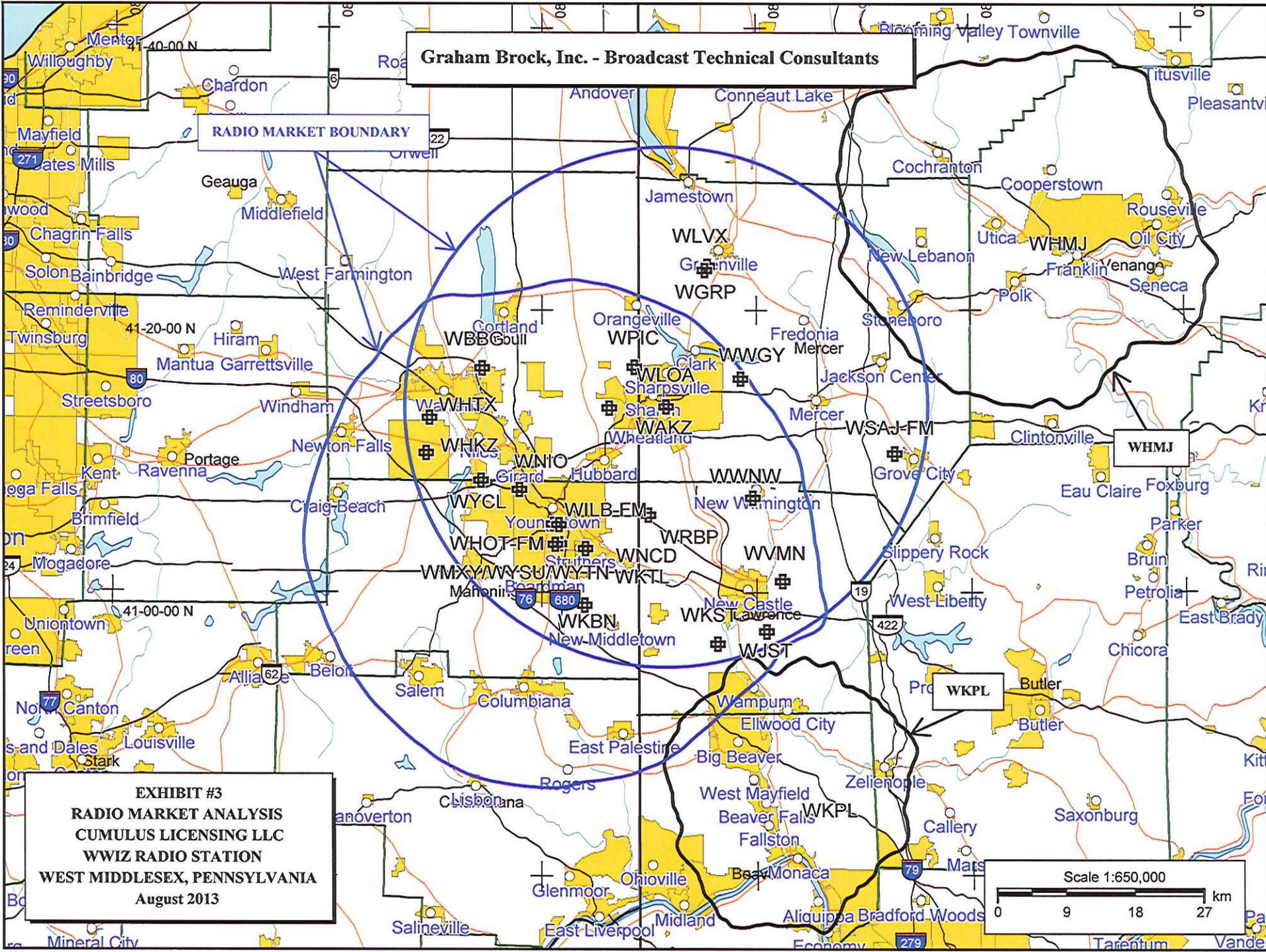
**WPIC**  
 Latitude: 41-13-10 N  
 Longitude: 080-28-25 W  
 ERP: 1.0 kW  
 Frequency: 1240 kHz

**EXHIBIT #2**  
**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

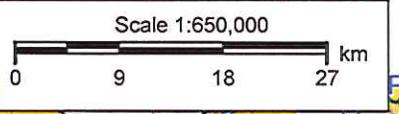


**Graham Brock, Inc. - Broadcast Technical Consultants**

**RADIO MARKET BOUNDARY**



**EXHIBIT #3**  
**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**



**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013, PENNSYLVANIA**  
**March 2011**

**EXHIBIT #4**

**Tabulation of Stations in Radio Market #1**

**AM Stations**

|   |      |          |                          |
|---|------|----------|--------------------------|
|   | WKBN | 570 kHz  | Youngstown, Ohio         |
| * | WPIC | 790 kHz  | Sharon, Pennsylvania     |
|   | WGRP | 940 kHz  | Greenville, Pennsylvania |
|   | WKST | 1200 kHz | New Castle, Pennsylvania |
|   | WJST | 1280 kHz | New Castle, Pennsylvania |
|   | WNIO | 1390 kHz | Youngstown, Ohio         |
|   | WHKZ | 1440 kHz | Warren, Ohio             |
|   | WLOA | 1470 kHz | Farrell, Pennsylvania    |
|   | WYCL | 1540 kHz | Niles, Ohio              |
|   | WHTX | 1570 kHz | Warren, Ohio             |

Total AM Stations - 10

**FM Stations**

|   |         |          |                              |
|---|---------|----------|------------------------------|
|   | WYSU    | Ch 203B  | Youngstown, Ohio             |
|   | WWNW    | Ch 205A  | New Wilmington, Pennsylvania |
|   | WILB-FM | Ch 208   | Boardman, Ohio               |
|   | WVMN    | Ch 211A  | New Castle, Pennsylvania     |
|   | WKTL    | Ch 214B1 | Struthers, Ohio              |
|   | WSAJ-FM | Ch 216A  | Grove City, Pennsylvania     |
|   | WYTN    | Ch 219A  | Youngstown, Ohio             |
| + | WKPL    | Ch 221A  | Ellwood City, Pennsylvania   |
|   | WNCD    | Ch 227B  | Youngstown, Ohio             |
|   | WWGY    | Ch 236B  | Grove City, Pennsylvania     |

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**EXHIBIT #4 (continued)**

**Tabulation of Stations in Radio Market #1**

|   |         |          |                           |
|---|---------|----------|---------------------------|
|   | WAKZ    | Ch 240A  | Sharpsville, Pennsylvania |
| * | WLLF    | Ch 244A  | Mercer, Pennsylvania      |
|   | WMXY    | Ch 255B  | Youngstown, Ohio          |
| + | WHMJ    | Ch 257B1 | Franklin, Pennsylvania    |
| * | WHOT-FM | Ch 266B  | Youngstown, Ohio          |
|   | WRBP    | Ch 270A  | Hubbard, Ohio             |
| * | WYFM    | Ch 275B  | Sharon, Pennsylvania      |
| * | WWIZ    | Ch 280A  | Mercer, Pennsylvania      |
|   | WBBG    | Ch 291A  | Niles, Ohio               |
|   | WLVX    | Ch 296A  | Greenville, Pennsylvania  |

Total FM Stations - 20

**GRAND TOTAL OF STATION CONSIDERED IN STUDY - 30**

\* Subject station.

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**EXHIBIT #5**

**Tabulation of Stations in Radio Market #2**

**AM Stations**

|   |      |          |                          |
|---|------|----------|--------------------------|
|   | WKBN | 570 kHz  | Youngstown, Ohio         |
| * | WSOM | 600 kHz  | Salem, Ohio              |
| * | WPIC | 790 kHz  | Sharon, Pennsylvania     |
|   | WGRP | 940 kHz  | Greenville, Pennsylvania |
|   | WKST | 1200 kHz | New Castle, Pennsylvania |
| * | WBBW | 1240 kHz | Youngstown, Ohio         |
|   | WJST | 1280 kHz | New Castle, Pennsylvania |
|   | WNIO | 1390 kHz | Youngstown, Ohio         |
|   | WHKZ | 1440 kHz | Warren, Ohio             |
|   | WLOA | 1470 kHz | Farrell, Pennsylvania    |
|   | WYCL | 1540 kHz | Niles, Ohio              |
|   | WHTX | 1570 kHz | Warren, Ohio             |

Total AM Stations - 12

**FM Stations**

|   |         |          |                              |
|---|---------|----------|------------------------------|
|   | WYSU    | Ch 203B  | Youngstown, Ohio             |
|   | WWNW    | Ch 205A  | New Wilmington, Pennsylvania |
|   | WILB-FM | Ch 208A  | Boardman, Ohio               |
|   | WVMN    | Ch 211A  | New Castle, Pennsylvania     |
|   | WKTL    | Ch 214B1 | Struthers, Ohio              |
|   | WSAJ-FM | Ch 216A  | Grove City, Pennsylvania     |
|   | WYTN    | Ch 219A  | Youngstown, Ohio             |
| + | WKPL    | Ch 221A  | Ellwood City, Pennsylvania   |
|   | WNCD    | Ch 227B  | Youngstown, Ohio             |

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**EXHIBIT #5 (continued)**

**Tabulation of Stations in Radio Market #2**

|   |         |          |                           |
|---|---------|----------|---------------------------|
|   | WWGY    | Ch 236B  | Grove City, Pennsylvania  |
|   | WAKZ    | Ch 240A  | Sharpsville, Pennsylvania |
|   | WMXY    | Ch 255B  | Youngstown, Ohio          |
| + | WHMJ    | Ch 257B1 | Franklin, Pennsylvania    |
| * | WHOT-FM | Ch 266B  | Youngstown, Ohio          |
|   | WRBP    | Ch 270A  | Hubbard, Ohio             |
| * | WYFM    | Ch 275B  | Sharon, Pennsylvania      |
| * | WWIZ    | Ch 280A  | Mercer, Pennsylvania      |
|   | WBBG    | Ch 291A  | Niles, Ohio               |
|   | WLVX    | Ch 296A  | Greenville, Pennsylvania  |

Total FM Stations - 19

**GRAND TOTAL OF STATION CONSIDERED IN STUDY - 31**

\* Subject station.

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**EXHIBIT #6**

**Tabulation of Stations in Radio Market #3**

**AM Stations**

|   |      |          |                          |
|---|------|----------|--------------------------|
|   | WKBN | 570 kHz  | Youngstown, Ohio         |
| * | WPIC | 790 kHz  | Sharon, Pennsylvania     |
|   | WGRP | 940 kHz  | Greenville, Pennsylvania |
|   | WKST | 1200 kHz | New Castle, Pennsylvania |
| * | WBBW | 1240 kHz | Youngstown, Ohio         |
|   | WJST | 1280 kHz | New Castle, Pennsylvania |
|   | WNIO | 1390 kHz | Youngstown, Ohio         |
|   | WHKZ | 1440 kHz | Warren, Ohio             |
|   | WLOA | 1470 kHz | Farrell, Pennsylvania    |
|   | WYCL | 1540 kHz | Niles, Ohio              |
|   | WHTX | 1570 kHz | Warren, Ohio             |

Total AM Stations - 11

**FM Stations**

|   |         |          |                              |
|---|---------|----------|------------------------------|
|   | WYSU    | Ch 203B  | Youngstown, Ohio             |
|   | WWNW    | Ch 205A  | New Wilmington, Pennsylvania |
|   | WILB-FM | Ch 208A  | Boardman, Ohio               |
|   | WVMN    | Ch 211A  | New Castle, Pennsylvania     |
|   | WKTL    | Ch 214B1 | Struthers, Ohio              |
|   | WSAJ-FM | Ch 216A  | Grove City, Pennsylvania     |
|   | WYTN    | Ch 219A  | Youngstown, Ohio             |
| + | WKPL    | Ch 221A  | Ellwood City, Pennsylvania   |
|   | WNCD    | Ch 227B  | Youngstown, Ohio             |
|   | WWGY    | Ch 236B  | Grove City, Pennsylvania     |

**RADIO MARKET ANALYSIS**  
**CUMULUS LICENSING LLC**  
**WWIZ RADIO STATION**  
**WEST MIDDLESEX, PENNSYLVANIA**  
**August 2013**

**EXHIBIT #6 (continued)**

**Tabulation of Stations in Radio Market #3**

|   |         |          |                           |
|---|---------|----------|---------------------------|
|   | WAKZ    | Ch 240A  | Sharpsville, Pennsylvania |
|   | WMXY    | Ch 255B  | Youngstown, Ohio          |
| + | WHMJ    | Ch 257B1 | Franklin, Pennsylvania    |
| * | WHOT-FM | Ch 266B  | Youngstown, Ohio          |
|   | WRBP    | Ch 270A  | Hubbard, Ohio             |
| * | WYFM    | Ch 275B  | Sharon, Pennsylvania      |
| * | WWIZ    | Ch 280A  | Mercer, Pennsylvania      |
| * | WQXK    | Ch 286B  | Salem, Ohio               |
|   | WBBG    | Ch 291A  | Niles, Ohio               |
|   | WLVX    | Ch 296A  | Greenville, Pennsylvania  |

Total FM Stations - 20

**GRAND TOTAL OF STATION CONSIDERED IN STUDY - 31**

\* Subject station.

**AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT**

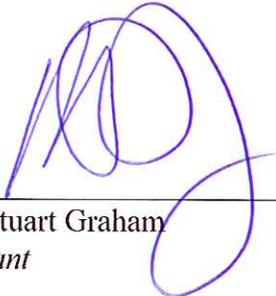
*State of Georgia )*  
*St. Simons Island ) ss:*  
*County of Glynn )*

**R. STUART GRAHAM**, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by Cumulus Licensing LLC to prepare the attached Technical Exhibit.

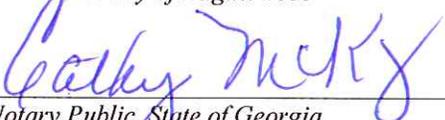
His qualifications are a matter of record before the Federal Communications Commission. He has been active in Broadcast Engineering since 1979.

The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

*This the 8th day of August 2013.*

  
\_\_\_\_\_  
R. Stuart Graham  
*Affiant*

*Sworn to and subscribed before me  
this the 8th day of August 2013*

  
\_\_\_\_\_  
*Notary Public, State of Georgia  
My Commission Expires: March 14, 2015*