

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
Engineering STA Read Instructions/FAQ before filling out form		FOR COMMISSION USE ONLY FILE NO. - 20181016ABN

Section I - General Information

1.	Legal Name of the Applicant DETROIT CLASSICAL AND JAZZ EDUCATIONAL RADIO LLC		
	Mailing Address 2301 W. BIG BEAVER ROAD SUITE 900		
	City TROY	State or Country (if foreign address) MI	Zip Code 48084 -
	Telephone Number (include area code) 2486492600		E-Mail Address (if available)
	FCC Registration No 0026381418	Call Sign WRCJ-FM	Facility ID Number 6056
2.	Contact Representative (if other than licensee/permittee) ANN BOBECK	Firm or Company Name COVINGTON & BURLING LLP	
	Mailing Address ONE CITYCENTER 850 TENTH STREET, NW		
	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20001 -
	Telephone Number (include area code) 2026625719		E-Mail Address (if available) ABOBECK@COV.COM
3.	Purpose: <input checked="" type="radio"/> Engineering STA <input type="radio"/> Extension of Existing Engineering STA <input type="radio"/> Legal STA <input type="radio"/> Extension of Existing Legal STA		
4.	Service: FM		
5.	Community of License: City: DETROIT State: MI		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required)		

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

7.0.	STA is requested for use of <input type="radio"/> Licensed Antenna system with: <input type="radio"/> Reduced power <input type="radio"/> Reduced hours of operation <input type="radio"/> Required equipment out of service <input type="radio"/> Other variance [Exhibit 1]
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Antenna system authorized by Construction Permit: -
Describe requested modes of operation [Exhibit 2]

Other antenna system: (Complete Items 7.1 - 7.11)

7.1. Channel Number: 215

7.2. Antenna Location Coordinates: (NAD 27)

Latitude:
Degrees 42 Minutes 23 Seconds 22 North South

Longitude:
Degrees 83 Minutes 8 Seconds 53 West East

7.3. Antenna Structure Registration Number: 1007141
 Not Applicable Notification filed with FAA

7.4. Overall Tower Height Above Ground Level:	185meters	
7.5. Height of Radiation Center Above Mean Sea Level:	293 meters(H)	293 meters(V)
7.6. Height of Radiation Center Above Ground Level:	96meters(H)	96meters(V)
7.7. Height of Radiation Center Above Average Terrain:	103meters(H)	103meters(V)
7.8. Effective Radiated Power:	6 kW(H)	6 kW(V)
7.9. Maximum Effective Radiated Power: <input checked="" type="checkbox"/> Not Applicable (Beam-Tilt Antenna ONLY)	kW(H)	kW(V)

7.10. Directional Antenna Relative Field Values: Not applicable (Nondirectional)
Rotation (Degrees): No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0		10		20		30		40		50	
60		70		80		90		100		110	
120		130		140		150		160		170	
180		190		200		210		220		230	
240		250		260		270		280		290	
300		310		320		330		340		350	
Additional Azimuths											

7.11. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.**

By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

Yes No
See Explanation in [Exhibit 3]

8. Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1)the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought.

[Exhibit 4]

9. Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

Yes No

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be

accurate and true to the best of my knowledge and belief.

Name BILL BOMMARITO		Relationship to Applicant (e.g., Consulting Engineer) CHIEF ENGINEER	
Signature		Date (mm/dd/yyyy) 10/16/2018	
Mailing Address 1 CLOVER COURT			
City WIXOM		State or Country (if foreign address) MI	Zip Code 48393 -
Telephone Number (No dashes or parentheses, include area code) 7342310426		E-Mail Address (if available) WBOMMARITO@DPTV.ORG	

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing STANLEY FRANKEL		Typed or Printed Title of Person Signing MANAGER	
Signature		Date (mm/dd/yyyy) 10/16/2018	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits

Exhibit 4

Description: EXTRAORDINARY CIRCUMSTANCES

WRCJ-FM HAS BEEN FORCED TO TEMPORARILY CEASE OPERATION FROM THE STATION'S LICENSED TOWER (ASR #1003429) DURING THE DAY (UNTIL 5PM EACH DAY) WHILE THE TOWER OWNER INSTALLS NEW BACKUP ANTENNAS FOR THREE TELEVISIONS STATIONS (WMYD-TV, WWJ-TV AND WTVS-TV) AT THE TOP OF THE TOWER.

IN ORDER TO STAY ON THE AIR DURING THE DAY, WRCJ-FM WAS OFFERED BY THE LICENSEE OF WXMD(FM), DETROIT, MI (FACILITY ID NO. 59596), TO TEMPORARILY OPERATE FROM WXMD'S LICENSE AUXILIARY FACILITIES (FCC FILE NO. BXLH-20110826ABT; ASR #1007141). WRCJ-FM, WILL, OF COURSE OPERATE ON ITS LICENSED FREQUENCY OF CHANNEL 215 (90.9MHZ).

ACCORDINGLY, WRCJ-FM SEEKS SPECIAL TEMPORARY AUTHORITY TO TEMPORARILY OPERATE FROM WXMD'S AUXILIARY FACILITIES DURING THE DAY (UNTIL 5PM EACH DAY). DURING THESE TEMPORARY OPERATIONS, WRCJ-FM WILL CONTINUE TO PROVIDE SERVICE TO ITS LICENSED COMMUNITY OF DETROIT, MI, AND WILL CONTINUE TO MAINTAIN, AS CLOSELY AS PRACTICABLE, ITS LICENSED SERVICE AREA WITHOUT EXTENDING IT (SEE ATTACHED SHOWING).

Attachment 4

Description
WRCJ-FM STA Request Exhibit

Mid-State Consultants

Licensed WRCJ-FM 60 dBu Service Contour (Black) vs. Predicted 60 dBu Contour of Proposed Interim Facility [Current WMXD Auxiliary Facility](Red)

WRCJ-FM

BLED20150630AAS
Latitude: 42-26-53.13 N
Longitude: 083-10-22.74 W
ERP: 22.50 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 415.8 m

WMXD Aux (Interim WRCJ)

BXLH20110826ABT
Latitude: 42-23-22.13 N
Longitude: 083-08-52.73 W
ERP: 6.00 kW
Channel: 215
Frequency: 90.9 MHz
AMSL Height: 293.0 m

