



(REFERENCE COPY - Not for submission)

License To Cover for DTV Application

File Number: **0000064343** | Submit Date: **12/21/2018** | Call Sign: **WFMZ-TV** | Facility ID: **39884** | FRN: **0007580152**
 State: **Pennsylvania** | City: **ALLENTOWN**
 Service: **DTV** | Purpose: **License To Cover 0000038348** | Status: **Granted** | Status Date: **12/21/2018** | Expiration Date:
08/01/2023 | Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	No
Waivers	Does this filing request a waiver of the Commission's rule(s)?	
	Total number of rule sections involved in this waiver request:	
	Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARANATHA BROADCASTING COMPANY, INC. Doing Business As: WFMZ-TV	Barry Fisher 300 E Rock Rd Allentown, PA 18103 United States	+1 (610) 798-4080	barry@wfmz.com	Corporation

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(1)**

Contact Name	Address	Phone	Email	Contact Type
LARRY HARLAN WILL , PE . <i>CONSULTING ENGINEER</i> SOLE PROPRIETOR	1055 POWDERHORN DRIVE GLEN MILLS, PA 19342 United States	+1 (610) 399- 1826	LHWILL@VERIZON. NET	Technical Representative

Alien Ownership

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	
4) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	
5) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	
6a) Enter the citation of the applicable declaratory ruling by DA/FCC number, FCC Record citation, release date, or any other identifying information.	
7) Has there been any change in the applicant's foreign ownership since issuance of the declaratory ruling(s) cited in response to Question 6?	
7a) Enter the File or Docket Number of the Petition for Declaratory Ruling that the applicant has filed for its foreign ownership in connection with this application pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership declaratory ruling if the applicant attaches a showing that the requested authorization(s) is exempt from the provisions of Section 310(b)(4).	
8) Does the applicant certify that it is in compliance with the terms and conditions of the foreign ownership declaratory ruling(s) cited in response to Question 6?	
9) In connection with this application, is the applicant filing a foreign ownership Petition for Declaratory Ruling pursuant to Section 310(b)(4) of the Communications Act?	

Basic Qualifying Questions

Section	Question	Response
Revoked Application	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	
State or Federal Convictions	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	

Channel Sharing

Section	Question	Response																				
Channel Sharing	Is this filing to dissolve a Channel Sharing Arrangement?																					
Enter the Facility ID of the station to be shared:	<table border="1"> <thead> <tr> <th>Facility ID</th> <th>Call Sign</th> <th>Service</th> <th>City</th> <th>State</th> </tr> </thead> <tbody> <tr> <td>60850</td> <td>WBPH-TV</td> <td>DTV</td> <td>BETHLEHEM</td> <td>PA</td> </tr> </tbody> </table>	Facility ID	Call Sign	Service	City	State	60850	WBPH-TV	DTV	BETHLEHEM	PA											
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Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	39884
	State	Pennsylvania
	City	ALLENTOWN
	DTV Channel	9
	Designated Market Area	Philadelphia
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State
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Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1031215
Coordinates (NAD83)	Latitude	40° 33' 52.0" N+
	Longitude	075° 26' 24.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	203.6 meters
	Support Structure Height	202.6 meters
	Ground Elevation (AMSL)	284.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	197.6 meters
	Height of Radiation Center Above Average Terrain	332.5 meters
	Height of Radiation Center Above Mean Sea Level	482.1 meters

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003864
Antenna Manufacturer and Model	Manufacturer:	PSI
	Model	PSIVSMT6BPHEC-9
	Rotation	30 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	1	180	0.791	270	0.682
10	1	100	1	190	0.745	280	0.701
20	1	110	1	200	0.701	290	0.745
30	1	120	1	210	0.682	300	0.793
40	1	130	0.997	220	0.68	310	0.855
50	1	140	0.981	230	0.693	320	0.91
60	1	150	0.952	240	0.7	330	0.952
70	1	160	0.91	250	0.693	340	0.981
80	1	170	0.855	260	0.68	350	0.997

Additional Azimuths

Degree	V _A
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**Operating
Constants**

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	10.10 dBk 10.23 kW
	Transmission Line Loss (LL):	0.5 dB
	Antenna Input Power (AIP):	9.6 dBk
	Max. Antenna Power Gain (AG)	9.46 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	19.06 dBk 80.6 kW

**Parties to the
Application (0)**

Information not provided.

Attributable Interest

Facility ID: 60850

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

Facility ID: 39884

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Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

Facility ID: 36989

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

Facility ID: 28480

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

License Certifications

Facility ID: 60850

Section	Question	Response
Main Studio Location	The main studio location complies with 47 C.F.R. Section 73.1125.	
	Country	
	PO Box	
	Address Line 1	
	Address Line 2	
	City	
	Province/Region	
	Postal Code	
	Phone	

Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
Replacing a Directional Antenna	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	
Use a formerly licensed main facility as an auxiliary facility	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Facility ID: 39884

Section	Question	Response
Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
Replacing a Directional Antenna	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	

Use a formerly licensed main facility as an auxiliary facility	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Facility ID: 36989

Section	Question	Response
Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	
Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
Replacing a Directional Antenna	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	
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	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Facility ID: 28480

Section	Question	Response
Constructed Facility	The facility constructed as authorized in the underlying construction permit.	
Special Operating Conditions	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. An exhibit may be required. Review the underlying construction permit.	

Transmitter	The transmitter complies with 47 C.F.R. Section 73.1660.	
Changing Transmitter Power Output	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	
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Use a formerly licensed main facility as an auxiliary facility	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

**Legal
Certifications**

Facility ID: 60850

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	
	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	
Character Issues	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	
Adverse Findings	Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?	

Section	Question	Response
<p>Obligations</p>	<p>Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.</p>	
	<p>Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.</p>	
<p>Character Issues</p>	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <ul style="list-style-type: none"> (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised. 	
<p>Adverse Findings</p>	<p>Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?</p>	

Section	Question	Response
<p>Obligations</p>	<p>Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.</p>	
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Section	Question	Response
<p>Obligations</p>	<p>Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.</p>	
	<p>Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.</p>	
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).</p>	
	<p>The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	

Attachments

Information not provided.