



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20150424ABH** | Submit Date: **04/24/2015** | Call Sign: **WNJU** | Facility ID: **73333** | FRN:
0019509470 | State: **New Jersey** | City: **LINDEN**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/12/2015** | Expiration Date: **11/12/2015**
Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NBC TELEMUNDO LICENSE LLC Applicant Doing Business As: NBC TELEMUNDO LICENSE LLC	300 NEW JERSEY AVENUE, NW SUITE 700 WASHINGTON, DC 20001 United States	+1 (202) 524-6401	MARGARET. TOBEY@NBCUNI.COM	Other

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
(2)**

Contact Name	Address	Phone	Email	Contact Type
H. DOUGLAS LUNG <i>CORPORATE ENGINEERING MANAGER</i>	PO BOX 98 HONOMU, HI 96728- 0098 United States	+1 (818) 334-4034	DOUG.LUNG@NBCUNI. COM	Technical Representative
MARGARET L. TOBEY NBCUNIVERSAL.	300 NEW JERSEY AVENUE, NW SUITE 700 WASHINGTON, DC 20001 United States	+1 (202) 524-6401	MARGARET. TOBEY@NBCUNI.COM	Legal Representative

**Channel and
Facility
Information**

Section	Question	Response
Proposed Community of License	Facility ID	73333
	State	New Jersey
	City	LINDEN
	DTV Channel	36
	Designated Market Area	New York
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1060205
Coordinates (NAD83)	Latitude	40° 48' 08.0" N+
	Longitude	074° 14' 47.0" W-
	Structure Type	
	Overall Structure Height	105.5 meters
	Support Structure Height	
	Ground Elevation (AMSL)	189 meters
Antenna Data	Height of Radiation Center Above Ground Level	98.5 meters
	Height of Radiation Center Above Average Terrain	223.4 meters
	Height of Radiation Center Above Mean Sea Level	287.5 meters
	Effective Radiated Power	650 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	121303
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUD-C5SP-10/34U-2-B
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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	0.492	90	0.873	180	0.913	270	0.16
10	0.603	100	0.928	190	0.903	280	0.173
20	0.769	110	1	200	0.769	290	0.189
30	0.903	120	0.928	210	0.603	300	0.173
40	0.913	130	0.873	220	0.492	310	0.16
50	0.815	140	0.962	230	0.392	320	0.173
60	0.824	150	0.962	240	0.263	330	0.184
70	0.962	160	0.824	250	0.184	340	0.263
80	0.962	170	0.815	260	0.173	350	0.392

Additional Azimuths

Degree	V _A
75	0.987
308	0.159
272	0.159
145	0.987

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>	<p>MARGARET L. TOBEY</p> <p>04/24/2015</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1676875_1300881.txt</u>	Applicant	All Purpose	REQUEST FOR STA TO USE FORMER LICENSED MAIN AS AUXILIARY
<u>D:\data\prod\cdbs\letters\58\A-1676875_F-73333_L-58230-BDSTA-20150424ABH.pdf</u>	Internal	All Purpose	imported letter