



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000071670 | Submit Date: 04/16/2019 | Call Sign: KESQ-TV | Facility ID: 25577 | FRN: 0001590330 |

State: California | City: PALM SPRINGS

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 04/17/2019 | Expiration Date: |

Filing Status: InActive

General Information

Section	Question	Response
---------	----------	----------

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)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GULF-CALIFORNIA BROADCAST COMPANY Applicant Doing Business As: GULF-CALIFORNIA BROADCAST COMPANY	825 Edmond St. Saint Joseph, MO 64501 United States	+1 (816) 271- 8505	tim. hannan@npgco. 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  
(3)

Contact Name	Address	Phone	Email	Contact Type
<b>Jim DeChant</b> News-Press & Gazette Broadcasting	62990 O.B. Riley Road Bend, OR 97701 United States	+1 (541) 480- 5464	jim.dechant@npgco. com	V.P. Technology
<b>Louis R duTreil , Jr .</b> <i>Technical Consultant</i> duTreil Lundin & Rackley Inc	201 Fletcher Ave Sarasota, FL 34237 United States	+1 (941) 329- 6004	bobjr@DLR.com	Technical Consultant
<b>Stephen Hartzell Hartzell</b> Brooks, Pierce et al.	150 Fayetteville Street Suite 1700 Raleigh, NC 27601 United States	+1 (919) 839- 0300	shartzell@brookspierce. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	25577
	State	California
	City	PALM SPRINGS
	DTV Channel	42
	Designated Market Area	Palm Springs
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1220472
Coordinates (NAD83)	Latitude	33° 51' 58.1" N+
	Longitude	116° 26' 05.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	27.1 meters
	Support Structure Height	18.3 meters
	Ground Elevation (AMSL)	474.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	15.5 meters
	Height of Radiation Center Above Average Terrain	183 meters
	Height of Radiation Center Above Mean Sea Level	489.5 meters
	Effective Radiated Power	20.8 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004846
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	75010402
	Rotation	0 degrees
	Electrical Beam Tilt	2
	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	.082	90	.369	180	.975	270	.75
10	.101	100	.466	190	.981	280	.651
20	.126	110	.578	200	.987	290	.555
30	.132	120	.682	210	.995	300	.462
40	.123	130	.772	220	1	310	.377
50	.125	140	.843	230	.992	320	.303
60	.165	150	.903	240	.965	330	.239
70	.227	160	.943	250	.918	340	.175
80	.293	170	.966	260	.844	350	.113

Additional Azimuths

Degree	V <sub>A</sub>
--------	----------------

## Certification

Section	Question	Response
General Certification Statements	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.).	
	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.	
Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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. 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).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>J Timothy Hannan Hannan</b> <i>EVP and CFO of Parent NPGCO</i>  04/16/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KESQ_42_STA_Antenna_Information.pdf</a>	Applicant	All Purpose	ANTENNA INFORMATION
<a href="#">KESQ_42_STA_Coverage_Map.pdf</a>	Applicant	All Purpose	PREDICTED COVERAGE CONTOURS
<a href="#">KESQ_42_STA_RF_Hazard_Statement.pdf</a>	Applicant	All Purpose	RF HAZARD STATEMENT
<a href="#">KESQ_42_STA_Technical_Summary.pdf</a>	Applicant	General Information	TECHNICAL SUMMARY
<a href="#">KESQ-TV Pre-Transition Channel Interim Operation STA Request April 2019.pdf</a>	Applicant	All Purpose	KESQ-TV Pre-Transition Channel Interim Operation STA Request