



**STATEMENT OF WILLIAM J. GETZ
IN SUPPORT OF A REQUEST FOR
SPECIAL TEMPORARY AUTHORITY
FOR
KGUM-FM, DEDEDO, GUAM (CH. 286C2)
LIC: 12.0 kW ERP (MAX), 153 m HAAT
FCC FILE NO. BLH-19990301KA
APP: 18.0 kW ERP (MAX), 197 m HAAT
FCC FILE NO. BPH-20140123AAK
STA REQUEST: 1.80 kW (MAX), 197 m HAAT
AND
KZGZ(FM), AGANA, GUAM (CH. 248C2)
LIC: 40.0 kW ERP (MAX), 164 m HAAT
FCC FILE NO. BLH-19920925KD
APP: 38.0 kW ERP (MAX), 197 m HAAT
FCC FILE NO. BPH-20140123AAG
*STA REQUEST: 1.75 kW ERP (MAX), 197 m HAAT***

Applicant: Sorensen Pacific Broadcasting, Inc..

I am a Radio Engineer, an employee in the firm of Carl T. Jones Corporation with offices located in Springfield, VA. My education and experience are a matter of record with the Federal Communications Commission.

This office has been authorized by Sorensen Pacific Broadcasting, Inc., licensee of KGUM-FM, Dededo, Guam and KZGZ(FM), Agana, Guam ("Sorensen FM Stations") to prepare this statement in support of a request for Special Temporary Authority ("STA") to operate at a variance from their current FCC licenses in order to maintain service to the public. A number of unfortunate circumstances compel this request for extraordinary relief in order to restore and maintain reliable service to the public.

The Sorensen FM Stations are presently licensed to operate from a shared tower structure using separate FM transmitting antennas. Both antennas recently burned up due to improper grounding. In an effort to get the stations back on-the-air, a single antenna bay was salvaged for each station and each bay was field tuned to facilitate an

emergency operation for each station. During this time, the applicant's spare antennas were stolen. This made it impossible to operate with anything other than the makeshift emergency setup on an intermittent basis. To make matters worse, the tower structure itself was found to be structurally unsound and was in dire need of replacement.

Due to travel/scheduling difficulties for tower crews and installation teams and equipment delivery/procurement complications relating to the unusual and extreme remoteness of Guam from the mainland, the Applicant was committed to date-certain contracted actions, repairs and replacements to the damaged KGUM-FM and KZGZ(FM) support structure and transmission system.

The necessary replacement tower now stands where the old tower once stood and the former KZGZ(FM) nondirectional antenna was replaced with a new nondirectional antenna of the same make and model. The KGUM-FM antenna was not replaced because: (i) it is not functional; and (ii) KGUM-FM will eventually be fed into the KZGZ(FM) antenna as proposed in the pending KGUM-FM minor change application (See FCC File No. BPH-20140123AAK). However, the single bay emergency antennas were reinstalled on the replacement tower to maintain some degree of service to the public for both stations until the Applicant is authorized to, and has the ability to, feed both stations into the new "master" antenna. The single bay emergency antennas presently in use are not suitable for prolonged use by either station.

As stated above, minor change applications requesting permanent authority to operate both stations at full-power with this "master antenna" configuration remain pending. By means of this request, the Applicant seeks temporary authority to operate both stations from the new "master antenna" at a reduced power until such a time that the minor change applications are granted and program test authority is approved. The

requested Special Temporary facility for each station is identical to what is proposed in each station's minor change application with the exception of the lower operating power. As demonstrated on the attached coverage map, the proposed STA facility will allow the station to maintain city-grade coverage to the station's principal community of license and will not extend the station's licensed coverage area. Each station's proposed temporary facility is described below:

Technical STA Parameters Common to both Stations

Geographical Coordinates: 13-29-21 N.L. & 144-49-41 E.L.
Antenna Height Above Mean Sea Level: 238 meters
Antenna Height Above Ground Level: 40 meters
Antenna Make and Model: Jampro JSWB-4 RFR.8
Antenna Beam Tilt = 2.0 deg.
Antenna Description: 4-bay, 0.8 wave spaced, nondirectional antenna
Antenna Gain: 1.975 (2.96 dB)
Common transmission system losses: 0.1 dB
STA Transmitter Power Output (TPO) = 1.0 kW

KGUM-FM (105.1) STA Facility

Transmission Line Loss = -0.212 dB
Combiner Insertion Loss = -0.084 dB
KGUM-FM STA ERP = 1.73 kW
KGUM-FM STA ERP (max beam tilt) = 1.80 kW

KZGZ (97.5 MHz) STA Facility

Transmission Line Loss = -0.205 dB
Combiner Insertion Loss = -0.230 dB
KZGZ STA ERP = 1.68 kW
KZGZ STA ERP (max beam tilt) = 1.75 kW

The Sorensen FM Stations are presently licensed to operate from a shared tower in accordance with the FCC license authorizations referenced above. The actual coordinates of the shared tower were found to be +4 seconds Latitude and +11 seconds

Longitude away from the licensed tower coordinates. The coordinate discrepancy was traced back to a Defense Department topographic mapping error. Because of this coordinate discrepancy, as presently situated, neither station has an accurate authorization to operate in any manner. A grant of the Special Temporary Authority requested herein would provide the Applicant with the necessary accurate instrument of authorization until such a time that the pending minor change applications are granted and program tests are approved.

By evidence of the above-referenced minor change applications currently on file, the Applicant is making every effort to correct any and all discrepancies in the stations' authorizations. However, processing delays at the FAA, due primarily to incomplete and inaccurate localizer frequencies on Guam, have held up FAA approval for the slight coordinate correction for months making it impossible for the Applicant to correct the existing tower's Antenna Structure Registration data which would allow for the continued FCC processing of the KGUM-FM and KZGZ(FM) minor change applications. The unexpected FAA delays are well beyond the Applicant's control. However, continued correspondence with the Agency seems to indicate that the Determination is forthcoming.

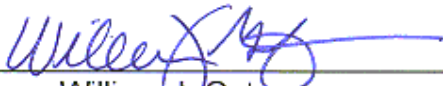
With respect to radiofrequency radiation (RFR) exposure concerns, both stations are presently authorized to operate with significantly higher Effective Radiated Powers from the shared tower site than the proposed STA facilities. The licensed KZGZ ERP is 40 kW while KGUM-FM is authorized to operate with an ERP of 12.0 kW. The total maximum ERP of both STA facilities amount to only 3.55 kW (as compared to 52 kW for the licensed operations). According to the FCC's FM Model program, the STA facility is predicted to produce a maximum power density of only 3.11 $\mu\text{W}/\text{cm}^2$ which represents

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an insignificant 1.6% contribution to the total power density in the multiple-use environment.

This statement was prepared by me or under my direct supervision and is believed to be true and correct. The Applicant respectfully requests authority to operate with the temporary facility proposed herein for a period of 90 days.

DATED: April 17, 2014



William J. Getz

The city-grade contours completely encompass the KZGZ community of license.

