

Mohammad Habib

From: Greg Best <gbconsulting54@gmail.com>
Sent: Monday, May 01, 2017 10:15 AM
To: Mohammad Habib
Cc: Hossein Hashemzadeh; Adrian Velarde
Subject: INFO FOR K18LP STA REQUEST
Attachments: Contours compare for K28GJ & K18LP.pdf; STA Supplemental exhibit.doc

Hi Mohammad,

Please see the attached note regarding the STA request for K18LP-D. I will be happy to talk and answer any questions you have.

Regards,
Greg

Greg Best P.E.
16100 Outlook Avenue
Stilwell, KS 66085
816-792-2913

**GREG BEST
CONSULTING, INC.**

16100 Outlook Avenue
Stilwell, KS 60085
816-792-2913

May 2, 17

Dear Mohammad,

Supplemental Engineering Exhibit.

The proposed facility is located at coordinates shown on the attached map. Please notice the proximity of the licensed facility of K28GJ-D. There was a concern that the proposed STA facility may impact reception in Mexico. Using an abundance of caution, an analysis was executed and the following facts are presented to support the conclusion that there is no impact to reception in Mexico.

The facility of K28GJ-D has been licensed and operational broadcasting digitally since January of 2010. The operation of K28GJ-D does not cause any known interference to Mexico. The proposed K18LP STA facility operates on channel 28 with coverage which is farther north than the coverage of K28GJ-D. See the contours as shown on the attached map. Therefore, since K28GJ-D signal strength is the dominant factor in assessing the impact to any Mexican TV stations, and the licensed operation of K28GJ-D has not caused interference, the operation of the proposed STA facility for K18LP-D will not cause any impact to any reception in Mexico.

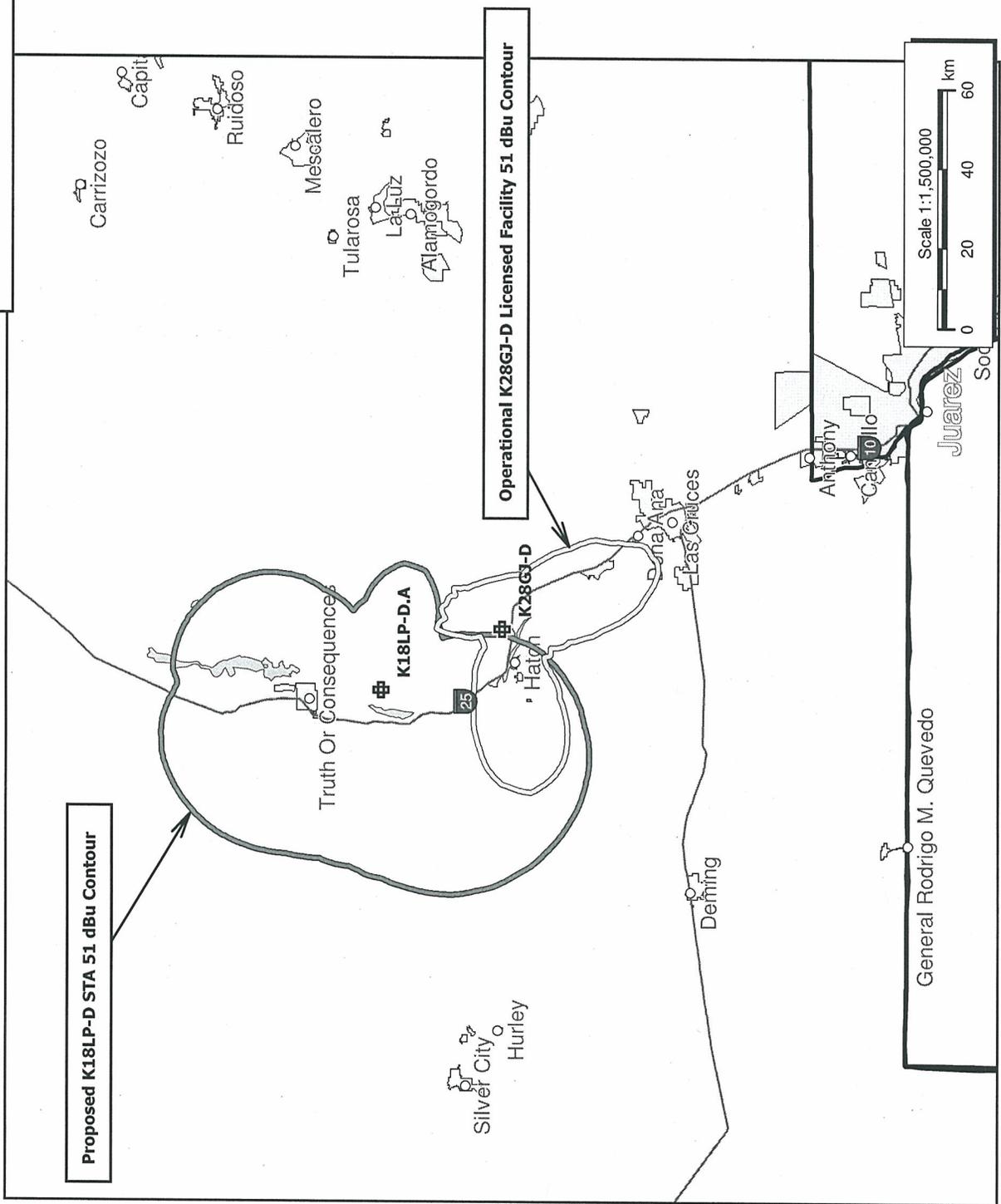
Sincerely,



President

CONTOURS FOR PROPOSED K18LP-D & OPERATING K28GJ-D

Greg Best Consulting, Inc.



Proposed K18LP-D STA 51 dBu Contour

Operational K28GJ-D Licensed Facility 51 dBu Contour

K18LP-D.A
 BLANK000024414
 Latitude: 32-58-03.46 N
 Longitude: 107-13-39.08 W
 ERP: 1.00 kW
 Channel: 28
 Frequency: 557.0 MHz
 AMSL Height: 2321.2 m
 Elevation: 2306.0 m
 HAAT: 0.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: Yes
 Elec Tilt: 0.75
 Prop Model: None

K28GJ-D
 BLDTT20100115ACL
 Latitude: 32-41-43.29 N
 Longitude: 107-03-52.06 W
 ERP: 1.78 kW
 Channel: 28
 Frequency: 557.0 MHz
 AMSL Height: 1486.1 m
 Elevation: 1473.0 m
 HAAT: 253.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: Yes
 Elec Tilt: 0.0
 Prop Model: None