

TECHNICAL STATEMENT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
TELEVISION STATION KBFD
HONOLULU, HAWAII
CHANNEL 32 9.9 KW (DA) -6 M

This Technical Statement was prepared on behalf of The Allen Broadcasting Corp. concerning a request to operate with a Special Temporary Authority (“STA”) for KBFD, Honolulu, Hawaii, Channel 32. NTSC station KBFD is currently licensed to operate with a directional maximum effective radiated power (ERP) of 145 kilowatts and an antenna radiation center height above mean sea level (RCAMSL) of 119 meters, and employing a Bogner ODD851024KG directional antenna. In May of this year, KBFD filed an STA (BSTA-20070508ADF) proposing to diplex both its NTSC and DTV operations into an RFS RD16G-578668L3L00 directional antenna, to operate with a maximum directional ERP of 134 kilowatts, and to correct its antenna radiation center height above mean sea level (RCAMSL) to 129 meters. The RCAMSL correction was based on updated specifications for the Century Square Building. The pending STA request was filed in order to operate with the constructed analog facilities while the pending analog application (BPCT-20070405AAI) is being processed.

Recently, the KBFD transmitter suffered damage from severe weather that caused power anomalies resulting in certain parts of the transmitter to fail. Therefore, KBFD is requesting Special Temporary Authority to operate with a reduced transmitter power output of 200 watts in order to still provide service while the damaged transmitter parts are being repaired or replaced.

Specifically, KBFD proposes to diplex both its NTSC and DTV operations into an RFS RD16G-578668L3L00 directional antenna, and operate with an analog maximum directional ERP of 9.9 kilowatts and an RCAMSL of 129 meters. The details and specifications of the proposed operation are summarized in the table below:

Parameter	Proposed
Channel	32
Frequency offset	Zero
FCC ASRN	1004411
Geographic coordinates (NAD27)	21-18-49 N / 157-51-43 W
Site elevation	7 m AMSL
Overall structure height (with all appurtenances)	125 m
Antenna radiation center height above ground	122 m
Antenna radiation center height above mean sea level	129 m
Antenna radiation center height above average terrain	-6 m
Antenna type	RFS, RD16G-578668L3L00
Maximum peak visual ERP	9.96 dBk (9.9 kW)

As illustrated in the attached Figure 1, the predicted Grade B contour of the proposed KBFD STA facility is within the predicted Grade B contour of the licensed KBFD facility.

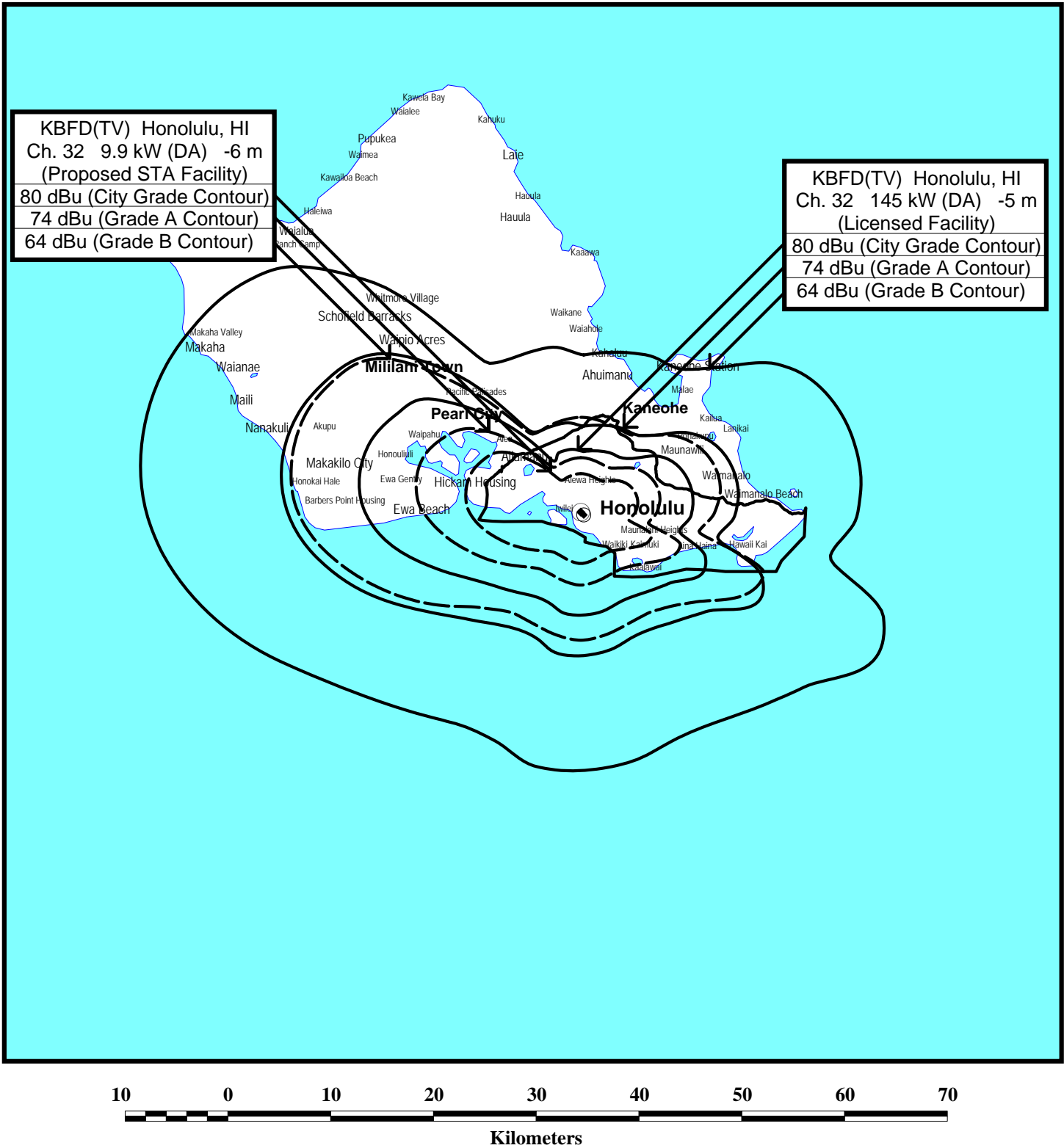
If there are questions concerning the technical portion of this application, please contact the office of the undersigned.



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Figure 1



FCC PREDICTED COVERAGE CONTOURS

TV STATION KBFD(TV)
HONOLULU, HAWAII
CH 32 9.9 KW (MAX-DA) -6 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida