

DISPLACEMENT/MINOR CHANGE APPLICATION
RADIO LICENSE HOLDING CBC, LLC
K284AJ FM TRANSLATOR STATION
CH 222D - 92.3 MHZ - 0.050 KW - DA
HEBER CITY, UTAH
July 2013

EXHIBIT D

The proposed K284AJ displacement location is within the 39.0 kilometer buffer to Market #31, Salt Lake City - Ogden - Provo, Utah Appendix A Spectrum Limited Market, as shown in Exhibit D1. A preclusion study for this market is included as Exhibits D2 and D3. This preclusion study utilizes the appropriate database for December 2012.

As indicated in Exhibit D2, Channels 222 and 223 do not identify any LPFM possible transmitter sites. However, Channel 221 does indicate there are 33 possible LPFM transmitter sites in the Salt Lake City - Ogden - Provo, Utah Spectrum Limited Market. Based on 12 equally spaced radials, at the power of 0.05 kilowatt and a height above average terrain of 389.8 meters, the 60 dBu reference distance for this translator is 17.2 kilometers. Based on §74.807(d)(1) of the Commission's rules, 1st adjacent channel LPFM stations must provide protection to this translator at a distance of 28.0 kilometers. Exhibit D4 demonstrates this proposal will not negatively impact any possible LPFM application sites.

K284AJ - HeberCity, UT - Proposed
Latitude: 40-33-44 N / Longitude: 111-28-30 W
ERP: 0.05 kW / Channel: 220 / Freq: 91.9 MHz
AMSL Height: 2542.3 m

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

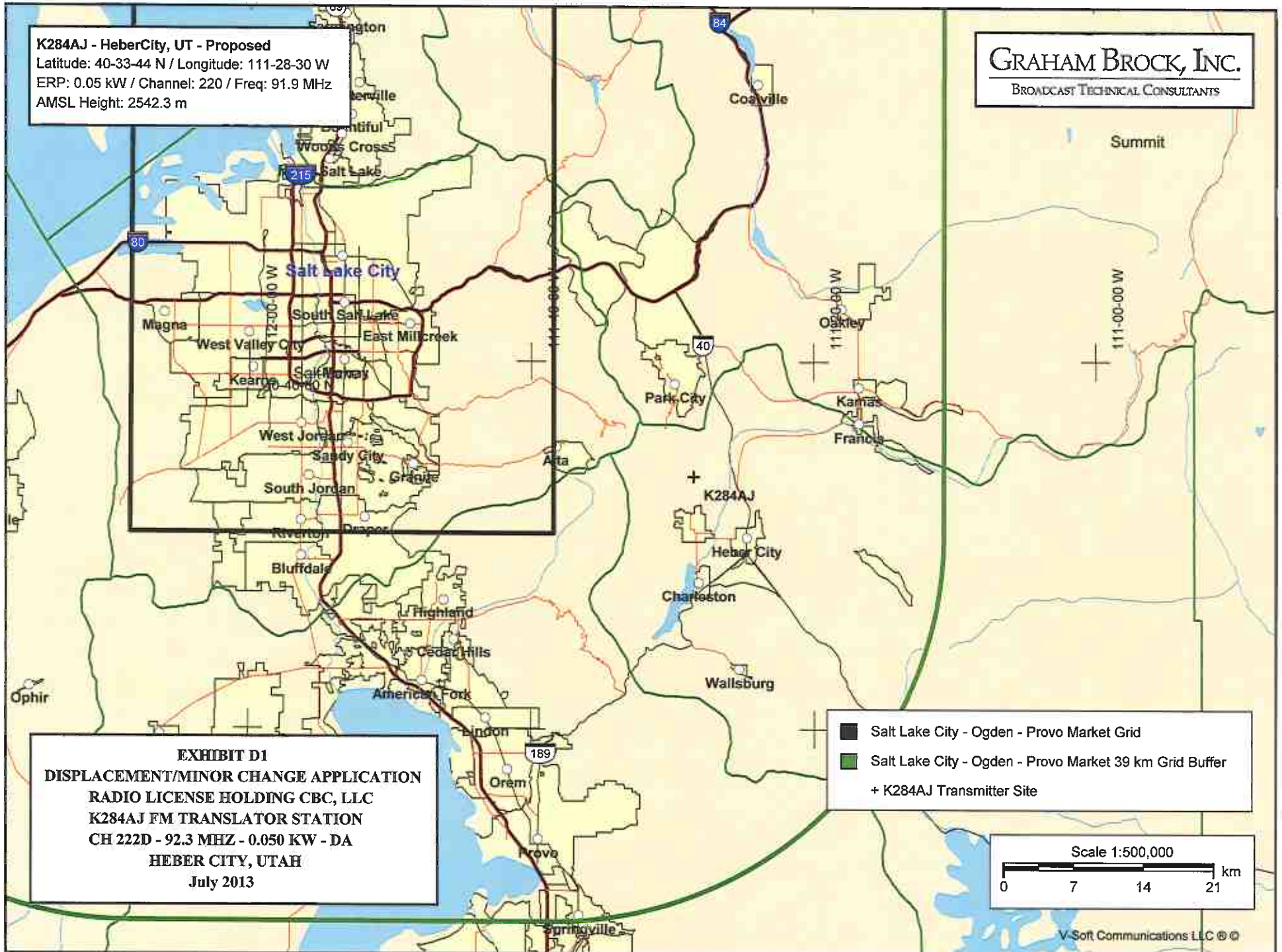


EXHIBIT D1
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■ Salt Lake City - Ogden - Provo Market Grid
■ Salt Lake City - Ogden - Provo Market 39 km Grid Buffer
+ K284AJ Transmitter Site

Scale 1:500,000
0 7 14 21 km

V-Soft Communications LLC ©

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EXHIBIT D2

Salt Lake City - Ogden
Latitude 40-45-39
Longitude 111-53-25
Grid Size 31 x 31
Micro FM 100 Watts at 30m HAAT
Co-Channel and 1st Adjacent Protected
2nd Adjacent Channel Not Protected
3rd Adjacent Channel Not Protected
I.F. Not Protected
TV Channel 6 Protected
CP Records Protected
APP Records Protected
FM Translators Protected
TV Channel 6 Translators/LP Protected
Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	961	280	22
201	0	*221	33	241	0	261	0	281	0
202	0	*222	0	242	0	262	0	282	0
203	0	*223	0	243	0	263	0	283	0
204	0	224	0	244	17	264	0	284	0
205	0	225	650	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	0
209	0	229	220	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	0	272	0	292	0
213	0	233	565	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	22	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	0

Total 2490

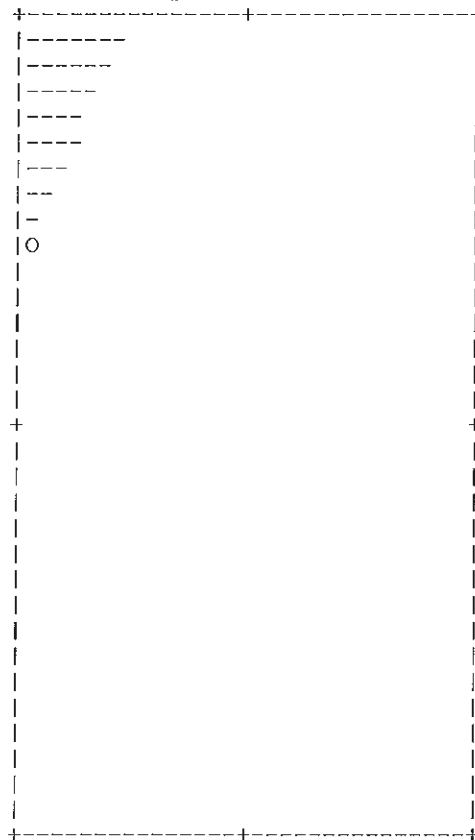
Total allotments, least preclusive spacing: 27
Total allotments, most preclusive spacing: 23

* - Channels impacted by this proposal

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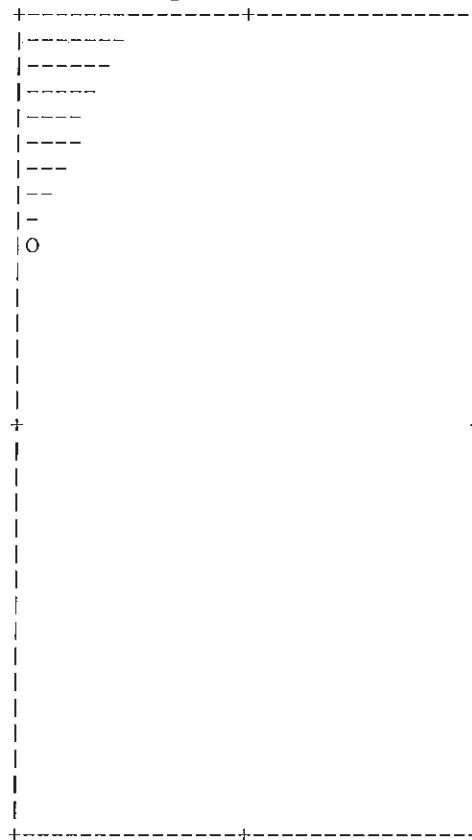
EXHIBIT D3

Salt Lake City - Ogden
Latitude 40-45-39
Longitude 111-53-25
Least preclusive siting
Availability of Channel 221 (X)



Point #953 at 40-52-39 112-08-25

Salt Lake City - Ogden
Latitude 40-45-39
Longitude 111-53-25
Most preclusive siting
Availability of Channel 221 (X)



Point #953 at 40-52-39 112-08-25

K284AJ - HeberCity, UT - Proposed

Latitude: 40-33-44 N / Longitude: 111-28-30 W

ERP: 0.05 kW / Channel: 220 / Freq: 91.9 MHz

AMSL Height: 2542.3 m

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

- Salt Lake City - Ogden - Provo Market Grid
- LPFM Preclusion Point
- + K284AJ Transmitter Site
- 28 km 1st Adjacent Channel Distance §73.807(d)(1)

