

ENGINEERING EXHIBIT

Application for Construction Permit

prepared for

Caballero Acquisition Inc.
KQMM-CA Santa Maria, CA
Facility ID 167844
Ch. 29 (Digital Companion) 15 kW

Caballero Acquisition Inc. (“CAI”) is the licensee of Class A Television station KQMM-CA, Channel 14, Santa Maria, CA, Facility ID 18748 (BLTTA-20040728AIN). CAI filed a proposal for Channel 29 as a digital companion for KQMM-CA in the June 2006 filing window (file number BSFDTL-20060630BPN).¹ CAI’s proposal for Channel 29 was found to be mutually exclusive (“MX”) with one other proposal submitted in the filing window.

By letter dated March 28, 2007, the FCC approved a settlement agreement between CAI and the other MX applicant, *NBC Telemundo License Co.* (“Telemundo”). The *Telemundo* application (BSFDTT-20060630CYE) also proposed a digital companion facility on Channel 29 at Santa Maria, co-channel to the CAI proposal. The settlement agreement involves the dismissal of the *Telemundo* application such CAI’s application may proceed. The instant application is filed to request a Construction Permit for the proposed digital companion as required by the FCC’s March 28, 2007 letter.

The transmitting antenna for the proposed KQMM-CA digital companion facility will be side-mounted on the existing tower structure currently employed by the licensed KQMM-CA analog facility. The tower structure is not registered with the Commission due to its overall height (18 meters above ground level), and no change in overall structure height will result. The FCC’s “TOWAIR” computer program indicates that structure registration is not required, and there are no

¹“LPTV and TV Translator Digital Companion Channel Applications Filing Window for Auction No. 85,” Public Notice, DA 06-874, released April 20, 2006.

known landing areas within 8 km. Thus, FAA notification, commensurate FCC Antenna Structure Registration, and structure marking/lighting are not required.

The proposed KQMM-CA digital facility will operate on Channel 29 using a “stringent” out of channel emission mask, with a directional antenna having a maximum effective radiated power of 15 kW. The proposed antenna is a PSI model PSILP8BB, with two degrees of electrical beamtilt. The azimuthal pattern is an “off the shelf” directional pattern and will be rotated 270 degrees T. **Figure 1** depicts the coverage contours of the licensed analog facility and the proposed digital companion facility (identical to the June 2006 “window” facility parameters). The service area overlap demonstrates compliance with the minor change criteria of §73.3572.

Allocation Considerations

The instant proposal complies with the Commission’s interference protection requirements toward all NTSC, DTV, television translator, LPTV, and Class A stations. A detailed interference study was conducted in accordance with the terrain dependent Longley-Rice point-to-point propagation model, per the Commission’s Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 (“OET-69”)². The interference study examined the change in interference as experienced by nearby pertinent stations that would result from the proposed facility.

The results, summarized in **Table 1**, show that any new interference does not exceed the Commission’s interference limits (0.5 percent to full power and Class A stations, and 2.0 percent to secondary stations). Thus, the instant proposal complies with §74.793 regarding interference protection to analog and digital television, low power television, television translator, and Class A television facilities.

The nearest FCC monitoring station is 343 km distant at Livermore, CA. This exceeds the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the

²The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A cell size of 1 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission’s implementation of OET-69 show excellent correlation.

monitoring station. The proposed site is also located outside the areas specified in §73.1030(a)(1) and §73.1030(b). Thus, notification of the instant proposal to the National Radio Astronomy Observatory at Green Bank, West Virginia, or the Table Mountain Radio Receiving Zone in Boulder County, Colorado is not required. Based on information extracted from the Commission's engineering database, there are no AM stations within 3.2 km of the proposed site. The site is located 343 km from the U.S. – Mexico border, beyond the 320 km distance requiring international coordination for UHF television facilities.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposed transmitting antenna is side-mounted on an existing antenna support structure. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the FCC Rules. No change in structure height is proposed, thus no change in current structure marking and lighting requirements is anticipated. Therefore, it is believed that this application may be categorically excluded from environmental processing pursuant to §1.1306 of the Commission's rules.

The transmitting location is on Tepusquet Peak overlooking Santa Maria. There are numerous other transmitting facilities at this site area situated on various antenna supporting structures. *CAI* will participate in a radiofrequency ("RF") electromagnetic field exposure safety program, along with other broadcasters and FCC licensees that utilize the Tepusquet Peak antenna site area. Following construction of the proposed facility, *CAI* will conduct RF exposure measurements (and/or detailed calculations) to evaluate the level of RF exposure resulting from the KQMM-CA digital companion facility. As necessary, based on these results and considering all emitters, appropriate exposure abatement procedures will be established and followed, in order to comply with the Commission's exposure limits. Such abatement procedures may involve the restriction of access to certain areas and/or facility modifications to reduce RF levels.

Considering the post-construction measurement and an appropriate abatement program, the general public and workers will not be exposed to RF levels in excess of the Commission's guidelines. RF exposure warning signs will continue to be posted. With respect to worker safety,

authorized personnel will be trained and/or supervised as necessary for access to any “controlled” areas. CAI will coordinate exposure procedures with all pertinent stations.

Certification

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.

Joseph M. Davis, P.E.
April 25, 2007

Chesapeake RF Consultants, LLC
11993 Kahns Road
Manassas, VA 20112
703-650-9600

List of Attachments

Figure 1	Coverage Contour Comparison
Table 1	Interference Analysis Results Summary
Form 346	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered April 25, 2007 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's name and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.

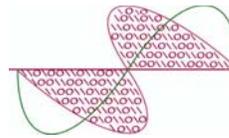
Table 1

Interference Analysis Results Summary

prepared for

Caballero Acquisition Inc.

KQMM-CA Santa Maria, CA



Chesapeake RF Consultants, LLC

Radiofrequency Consulting Engineers
Digital Television and Radio

Ch.	Call	City/State	Dist (km)	Status	Application Ref. No.	---Population (1990 Census)---	
						Baseline	New Interference
14	KQMM-CA	SANTA MARIA CA	0.0	LIC	BLTTL-19990517JA	---	none
14	KQMM-CA	SANTA MARIA CA	0.0	LIC	BLTTA-20040728AIN	---	none
15	K15DB	SANTA BARBARA CA	67.8	LIC	BLTT-19990223JA	---	none
21	DK50CL	BELRIDGE CA	118.3	APP	BMJPTTL-20000829ASI	---	none
22	K22EE	MORRO BAY CA	70.2	LIC	BLTT-19950824ID	---	none
22	KPAO-CA	PASO ROBLES CA	95.9	LIC	BLTTA-20060414ABG	---	none
22	KWHY-LP	SANTA BARBARA CA	67.8	LIC	BLTTL-20010416AAT	---	none
25	KSKP-CA	OXNARD CA	124.4	LIC	BLTTA-20030507ACF	---	none
25	KLFA-LP	SANTA MARIA CA	19.7	LIC	BLTTL-19980714JB	---	none
26	K26FT	SANTA BARBARA CA	67.8	LIC	BLTT-20020418AAW	---	none
28	K28FK	SAN LUIS OBISPO CA	65.8	LIC	BLTTL-19980902JB	---	none
28	K28GY	SANTA BARBARA, ETC. CA	47.6	LIC	BLTT-20040412AAU	---	none
29	KBAK-TV	BAKERSFIELD CA	157.0	LIC	BLCT-2317	---	none
29	NEW	CATHEDRAL CITY-PALM CA	323.9	APP	BDCCDTL-20070418ADC	---	none
29	KNLZ-LP	FOREST FALLS CA	323.9	CP MOD	BMPPTTL-20060720ABQ	---	none
29	K29AB	MONTEREY, ETC. CA	237.0	CP	BDFCDTT-20060829BHB	---	none
29	K29AB	MONTEREY, ETC. CA	237.0	LIC	BLTT-19811124IC	---	none
29	KFTR-TV	ONTARIO CA	208.3	APP	BMPCDT-20021028ABV	---	none
29	KFTR-DR	ONTARIO CA	208.4	LIC	BPRM-20000605ACS	---	none
29	KSPP-LP	PALM SPRINGS CA	342.9	CP	BPTTL-20050413ABR	---	none
29	KSPP-LP	PALM SPRINGS CA	342.9	LIC	BLTTL-20050314AAB	---	none
29	K29HT-D	RIDGECREST, ETC. CA	236.1	CP	BDCCDTT-20061016AAQ	---	none
29	KSPX	SACRAMENTO CA	390.6	APP	BPCT-20031002AEJ	---	none
29	KSDX-LP	SAN DIEGO CA	388.1	LIC	BLTTL-20030404AAF	---	none
29	KSDX-LP	SAN DIEGO CA	388.1	STA	BSTA-20020403ABR	---	none
29	KPIX-TV	SAN FRANCISCO CA	375.7	LIC	BLCDT-19990301KF	---	none
29	K29GK	TWENTYNINE PALMS,ETC CA	398.5	LIC	BLTT-20060119ADC	---	none
29	KVKV-LP	VICTORVILLE CA	266.4	CP	BNPTTL-20000831BKW	---	none
30	KBFK-LD	BAKERSFIELD CA	143.8	CP	BDCCDTL-20060928AFR	---	none
30	NEW	PASO ROBLES CA	95.9	APP	BSFDTL-20060630CJX	---	none
30	NEW	SANTA BARBARA CA	67.8	APP	BSFDTL-20060630BPM	---	none
30	KDFS-CA	SANTA MARIA CA	36.9	LIC	BLTTL-19980618JH	172,867	80 (0.05%)
30	NEW	VENTURA CA	99.8	APP	BSFDTT-20060630CRI	---	none
32	KSBT-LP	SANTA BARBARA CA	67.8	LIC	BLTTL-19990922AAQ	---	none
33	KTAS	SAN LUIS OBISPO CA	65.8	LIC	BLCT-19900416KF	---	none
36	KJCN-LP	PASO ROBLES CA	65.8	LIC	BLTTL-19870602IA	---	none

SECTION III - ENGINEERING DATA (Digital)

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1.	Channel Number: 29																																																																																																
2.	Translator Input Channel No. :																																																																																																
3.	Primary station proposed to be rebroadcast: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Facility Identifier</td> <td style="width:25%;">Call Sign</td> <td style="width:25%;">City</td> <td style="width:15%;">State</td> <td style="width:10%;">Channel</td> </tr> </table>	Facility Identifier	Call Sign	City	State	Channel																																																																																											
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4.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 34 Minutes 54 Seconds 36 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 120 Minutes 11 Seconds 10 <input checked="" type="radio"/> West <input type="radio"/> East																																																																																																
5.	Antenna Structure Registration Number: <input checked="" type="checkbox"/> Not Applicable [Exhibit 10] <input type="checkbox"/> Notification filed with FAA																																																																																																
6.	Antenna Location Site Elevation Above Mean Sea Level: 990 meters																																																																																																
7.	Overall Tower Height Above Ground Level: 18 meters																																																																																																
8.	Height of Radiation Center Above Ground Level: 13 meters																																																																																																
9.	Maximum Effective Radiated Power (ERP): 15 kW																																																																																																
10.	Transmitter Output Power: 0.7 kW																																																																																																
11.	a. Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://svartifoss2.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search. <input type="radio"/> Nondirectional <input checked="" type="radio"/> Directional "Off-the-shelf" <input type="radio"/> Directional composite Manufacturer PSI Model PSILP8BB b. Electrical Beam Tilt: 2 degrees <input type="checkbox"/> Not Applicable c. Directional Antenna Relative Field Values: <input type="checkbox"/> N/A (Nondirectional or Directional "Off-the-shelf") Rotation (Degrees): 270 <input type="checkbox"/> No Rotation <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th></tr> </thead> <tbody> <tr><td>0</td><td></td><td>10</td><td></td><td>20</td><td></td><td>30</td><td></td><td>40</td><td></td><td>50</td><td></td></tr> <tr><td>60</td><td></td><td>70</td><td></td><td>80</td><td></td><td>90</td><td></td><td>100</td><td></td><td>110</td><td></td></tr> <tr><td>120</td><td></td><td>130</td><td></td><td>140</td><td></td><td>150</td><td></td><td>160</td><td></td><td>170</td><td></td></tr> <tr><td>180</td><td></td><td>190</td><td></td><td>200</td><td></td><td>210</td><td></td><td>220</td><td></td><td>230</td><td></td></tr> <tr><td>240</td><td></td><td>250</td><td></td><td>260</td><td></td><td>270</td><td></td><td>280</td><td></td><td>290</td><td></td></tr> <tr><td>300</td><td></td><td>310</td><td></td><td>320</td><td></td><td>330</td><td></td><td>340</td><td></td><td>350</td><td></td></tr> <tr><td colspan="12">Additional Azimuths</td></tr> </tbody> </table>	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	0		10		20		30		40		50		60		70		80		90		100		110		120		130		140		150		160		170		180		190		200		210		220		230		240		250		260		270		280		290		300		310		320		330		340		350		Additional Azimuths											
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[Relative Field Polar Plot](#)

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

12.	Out-of-channel Emission Mask: <input type="radio"/> Simple <input checked="" type="radio"/> Stringent
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CERTIFICATION

13.	Interference : The proposed facility complies with all of the following applicable rule sections. 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 11]
14.	Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radio frequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the	<input checked="" type="radio"/> Yes <input type="radio"/> No

<p>permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance, an Exhibit is required.</p> <p>By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.</p>	<p>See Explanation in [Exhibit 12]</p>
<p>15. Channels 52-59. If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable:</p> <p><input type="checkbox"/> The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available.</p> <p><input type="checkbox"/> Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.</p>	
<p>16. Channels 60-69. If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable:</p> <p><input type="checkbox"/> Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.</p> <p><input type="checkbox"/> Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreements(s) with 700 MHz public safety regional planning committee(s) and state administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location.</p> <p><input type="checkbox"/> Pursuant to Section 74.786(e), the applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.</p>	
<p>PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.</p>	

SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

<p>Name JOSEPH M. DAVIS, P.E.</p>	<p>Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER</p>	
<p>Signature</p>	<p>Date 4/25/2007</p>	
<p>Mailing Address CHESAPEAKE RF CONSULTANTS, LLC 11993 KAHNS ROAD</p>		
<p>City MANASSAS</p>	<p>State or Country (if foreign address) VA</p>	<p>Zip Code 20112 -</p>
<p>Telephone Number (include area code) 7036509600</p>	<p>E-Mail Address (if available) JOSEPH.DAVIS@RF-CONSULTANTS.COM</p>	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Any specified rotation has already been applied to the plotted pattern.
Field strength values shown on a rotated pattern may differ from the listed values because intermediate azimuths are interpolated between entered azimuths.

