EX PARTE OR LATE FILED

00-258

Ted Ryder

From: David Otey [david.otey@att.net]
Sent: Tuesday, February 24, 2004 3:48 PM
To: Ted Ryder
Cc: bfitpc@aol.com
Subject: Exhibit - ENG site data, various markets

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Federal Communications Commission
Office of the Secretary

Ted,

On behalf of SBE, I am sending you the attached file which contains worksheets I have obtained from volunteer BAS Frequency Coordinators in three coordination regions of interest with respect to the Fourth NPRM in ET Docket 00-258. (The three regions actually represent at least four television markets, as one includes both Denver and Colorado Springs.)

You will recall that SBE filed comments in the instant docket on 3 NOV 2003, and since that time, you and I have had informal conversations in which you indicated an interest in further data with which to evaluate points raised in our comments. I sent you a preview of a portion of the attached data in January, and now I am sending one master file which includes what you have already received plus user information for sites in Northern California. The new data provided by the volunteer coordinator does not include further site details such as antenna elevations and coordinates (although I am sure you have the coordinates already for Mt. Diablo, the first site listed and the one having greatest exposure, so I am told, to the Camp Parks site); however, it does include channel plans and licensees (by broadcast call sign) of the site users, which I know is one parameter you expressed interest in.

We at SBE are pleased to be able to provide this additional information in response to your informal query. Please let me know if we can be of any further assistance.

Regards,
David Otey, CSTE
National Frequency Coordination Director,
Society of Broadcast Engineers
303-905-4855 (mobile)
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List ABCDE

Colorado Front Range 2 GHz ENG Receive Sites

Site Name	Call sign(s) using	# of RX at Site	Latitude	Longitude	NAD	Gnd Elev.	Centerline	Antennas Config.	Antennas Gain (dBi)
Amoco Building	KCNC, KWGN, KMGH	3	39-44-33.9	104-59-12	83	5250'	545'	steered	26
Republic Plaza	KDVR	2	39-44-37	104-59-20	83	5245'	804'	steered	26
Lookout Mountain	KWGN, KCNC, KMGH, KUSA, KDVR	5	39-43-46	105-14-12	27	7345'	50'	steered	26
Mount Morrison	KTVD	1	39-40-18	105-13-12	27	7686'	50'	steered	26
Bow Mountain	KWGN, KCNC, KMGH, KUSA	4	40-03-18	105-18-27	27	6808'	40'	horns	13
Boulder Hogback	KDVR	1	40-03-24	105-18-06	83	6100'	7'	steered	26
Horsetooth Mountain	KWGN, KCNC, KMGH, KUSA, KDVR	5	40-32-34	105-11-45	27	7414'	50'	steered	26
Cheyenne Mountain	KCNC, KWGN, KMGH, KRDO, KKTV, KOAA	6	38-44-47	104-51-37	27	9450'	100'	steered	22
Almagre Mountain	KDVR	1	38-46-21.5	104-59-33.8	83	12,340'	60'	steered	26
Denver Int'l Airport	KWGN, KCNC, KMGH, KUSA	4	39-51-07	104-40-27	83	5387'	85'	omni	11
Centerra Bldg	KWGN	1	39-40-57.2	104-56-15.5	83	5404'	210'	steered	26
Plaza Tower One	KWGN	1	39-35-57	104-53-24	83	6062'	325'	steered	26
Watkins Radar	KCNC	1	39-51-36.5	104-33-54.6	83	5403	45'	horns	13
KCNC-TV Studio	KCNC	1	39-43-59	104-59-07	27	5280'	40'	steered	26
KMGH-TV Studio	KMGH	1	39-43-34	104-59-06	27	5250'	70'	steered	26
KUSA-TV Studio	KUSA	1	39-43-17	104-58-54	27	5262'	85'	steered	26
KDVR-TV Studio	KDVR	1	39-43-28	104-59-08	83	5254'	60'	steered	26
KWGN-TV Studio	KWGN	1	39-36-16.5	104-53-21.8	83	5734'	36'	steered	26
KRDO-TV Studio	KRDO	1	38-49-42	104-50-15	27	5950'	25'	steered	22
KKTV-TV Studio	KKTV	1	38-52-44	104-49-18	27	5940'	25'	steered	22

NOTES:

1. At locations where there are multiple receivers, the centermost receiver location is shown.
2. Ground and Centerline elevations may not be exact.
3. Some locations using horn antenna arrays (13dBi gain) are also using steerables; only the higher gain figure is used.
4. Comments filed by Gannett Broadcasting contain location data for KUSA receive sites; in case of any disparity, Gannett's data should be considered the more accurate

Call	Receiver	Co.	License	Notes	Tx Lat-Long	Rx Lat-Long	Distance	Azimuth
KS-2092	6430 Sunset Blvd, Hollywood	LA	CNN			34-5-52/118-19-46		
	KYSR-FM Tower,Hollywood Hills	LA	KABC		Los Angeles	34-07-08/118-23-30		
	Mt Wilson, north of Pasadena, CA	LA	KABC		Los Angeles	34-13-36/121-25-11		
	Oat Mtn	LA	KABC			34-19-35/118-35-10		
	Palos Verdes, SW of Los Angeles	LA	KABC		Los Angeles	33-44-46/118-20-07		
	Santiago Peak, east of Santa Ana	OR	KABC		Los Angeles	33-42-38/117-32-00		
	Saddle Peak, north of Malibu, CA	LA	KABC			34-04-35/118-39-27		
KC-24172	Mt Breckenridge	KE	KBAK		Bakersfield area	35-27-11/118-35-25		
	KYSR-FM Tower,Hollywood Hills	LA	KCAL		Los Angeles	34-07-08/118-23-30		
	Mt Wilson, north of Pasadena, CA	LA	KCAL		Los Angeles	34-13-38/118-04-00		
	Palos Verdes, SW of Los Angeles	LA	KCAL		Los Angeles	34-44-46/118-20-07		
	Santiago Peak, east of Santa Ana	OR	KCAL		Los Angeles	33-42-38/117-32-00		
KC-25008	Fremont Peak, east of Salinas, CA	MT	KCBA		Salinas/Monterey	36-45-18/121-30-05		
	Hollywood Hills	LA	KCBS		Los Angeles	34-06-30/118-22-49		
	Mt Wilson, north of Pasadena, CA, north of Pasa	LA	KCBS		Los Angeles	34-13-57/118-04-18		
	Mt. Harvard, north of Pasadena, CA	LA	KCBS			34-12-48/118-03-41		
	Oat Mtn, NW of Los Angeles, CA	LA	KCBS		Los Angeles	34-19-30/118-34-30		
	Palos Verdes, SW of Los Angeles	LA	KCBS		Los Angeles	33-44-46/118-20-07		
	Santiago Peak, east of Santa Ana	OR	KCBS		Los Angeles	33-42-38/117-32-00		
	Saddle Peak, north of Malibu, CA	LA	KCBS			34-04-35/118-39-27		
	Sierra Peak	OR	KCBS		Los Angeles	33-51-00/117-39-10		
	Blueridge	LA	KCBS		Los Angeles	34-20-59/117-40-21		
KB-55110	Sunset Ridge, north of Claremont	LA	KDOC		Los Angeles/OC	34-11-14/117-42-01		
KR-7923	Mt Breckenridge	KE	KERO		Bakersfield area	35-27-14/118-35-27		
KA-88905	Broadcast Pk,NW of Santa Barbara	ST	KEYT		Santa Barbara area usage	34-31-32/119-57-28		
KA-88905	KEYT Studio, Santa Barbara	ST	KEYT		Santa Barbara area usage	34-24-37/119-42-26		
KB-96800	Mt Wilson, north of Pasadena, CA, north of Pasa	LA	KFTR		Los Angeles area	34-13-37/118-03-58		
KB-55843	Mt Adelaide, east of Bakersfield	KE	KGET		Bakersfield	35-26-17/118-44-22		
KC-23765	Mt Toro, south of Salinas, CA	MT	KION		Salinas/Monterey	36-32-05/121-37-14		
	Mt Wilson, north of Pasadena, CA, north of Pasa	LA	KMEX		Los Angeles	34-13-35/118-03-56		
	Santiago Peak, east of Santa Ana	RV	KMEX					
	Frazier Peak	VE	KNBC		Los Angeles	34-46-31/118-58-07		
	KYSR-FM Tower,Hollywood Hills	LA	KNBC		Los Angeles	34-07-08/118-23-30		
	Mt Wilson, north of Pasadena, CA, north of Pasa	LA	KNBC		Los Angeles	34-13-33/118-03-55		
	Oat Mtn, NW of Los Angeles, CA	LA	KNBC		Los Angeles	34-19-30/118-34-36		
	Palos Verdes, SW of Los Angeles	LA	KNBC		Los Angeles	33-44-46/118-20-07		
	Santa Ynez Pk,NW/Santa Barbara	ST	KNBC		Los Angeles	34-31-36/119-58-39		
	Santiago Peak, east of Santa Ana, SE of Santa /	OR	KNBC		Los Angeles	33-42-38/117-32-00		
	Sierra Peak	OR	KNBC		Los Angeles	33-51-00/117-39-10		
	Saddle Peak, north of Malibu, CA	LA	KNBC			34-04-35/118-39-27		
	Burbank					34-09-19/118-20-01		

	Mt. Lukens				34-16-04/118-14-10
	Blue Ridge				34-21-08/117-40-37
	Toro Pk.				33-31-22/116-25-30
KC-26084	Sunset Ridge, north of Claremont	LA	KRCA	Los Angeles area	34-11-16/117-41-55
KR-9885	Fremont Peak, east of Salinas, CA	MT	KSBW	Salinas/SJ	36-45-23/121-30-05
	Mt Wilson, north of Pasadena, CA	LA	KTLA	Los Angeles	34-13-35/118-03-56
	Palos Verdes, SW of Los Angeles	LA	KTLA	Los Angeles	33-44-46/118-20-07
	Saddle Peak, north of Malibu, CA	LA	KTLA	Los Angeles	34-04-35/118-39-27
	Santiago Peak, east of Santa Ana	OR	KTLA	Los Angeles	33-42-38/117-39-27
	7th Street downtown LA	LA	KTLA	Los Angeles	34-3-1/118-15-46
	Oat	LA	KTLA	Los Angeles	34-19-35/118-35-10
	Blue Ridge	LA	KTLA	Los Angeles	34-20-59/117-40-21
	CNN Hollywood	LA	KTLA	Los Angeles	34-5-51/118-19-34
	Mt Wilson, north of Pasadena, CA	LA	KTTV	Los Angeles	34-13-29/118-03-47
	Oat Mtn, NW of Los Angeles, CA	LA	KTTV	Los Angeles	34-19-35/118-35-10
	Palos Verdes, SW of Los Angeles	LA	KTTV	Los Angeles	33-44-46/118-20-07
	Saddle Peak, north of Malibu, CA	LA	KTTV	Los Angeles	34-04-35/118-39-27
	Santiago Peak, east of Santa Ana	OR	KTTV	Los Angeles	33-42-38/117-32-00
	Sunset Ridge, north of Claremont	LA	KTTV	Los Angeles	34-11-14/117-42-01
	KTTV Studio, West Los Angeles	LA	KTTV	Los Angeles	34-02-02/118-27-18
	Blue Ridge	LA	KTTV	Los Angeles	34-21-06/117-42-28
	Catalina Airport	LA	KTTV	Los Angeles	33-24-08/118-27-21
	Avalon City Camera	LA	KTTV	Los Angeles	33-20-35/118-19-15
	LAX CAM	LA	KTTV	Los Angeles	33-56-44/118-23-44
	Santa Monica Cam	LA	KTTV	Los Angeles	34-01-01/118-30-04
KC-26209	Mt Wilson, north of Pasadena, CA	LA	KVEA	Los Angeles	34-13-29/118-03-46
KC-26210	Oat Mtn, north of Chatsworth	LA	KVEA	Los Angeles	34-19-26/118-34-53
KC-26209	Santiago Peak, east of Santa Ana	OR	KVEA	Los Angeles	33-42-42/117-31-57
	Broadcast Pk,NW of Santa Barbara	ST	KSBY	Santa Barbara area usage	34-31-32/119-57-28
	San Antonio Peak	ST	KSBY	Santa Barbara area usage	34-50-30/120-29-53
	Cuesta Peak	SL	KSBY	Santa Barbara area usage	35-21-37/120-39-18
	Tepuesquet Peak	SL	KCOY		34-54-37/120-11-08
	Harris Grade	SL	KCOY		34-44-30/120-26-45
	Broadcast Pk,NW of Santa Barbara	ST	KCOY		34-31-31/119-57-30
	Broadcast Pk,NW of Santa Barbara	ST	KEYT		34-31-31/119-57-30
KQ-6616	Mt. Soledad	SD	KFMB	San Diego	32-50-17/117-14-57
	Mt. San Miguel	SD	KFMB	San Diego	32-41-47/116-56-10
	Mt. Palomar	SD	KFMB	San Diego	33-18-32/116-50-38
	Mission Valley	SD	KFMB	San Diego	32-46-49/117-08-07
	Mt. Woodson	SD	KFMB	San Diego	33-00-31/116-58-13
	Downtown San Diego	SD	KFMB	San Diego	32-42-56/117-09-41
	Mt. Otay	SD	KFMB	San Diego	32-35-42/116-50-42
KA-88835	Mt Wilson, north of Pasadena, CA, north of Pas	LA	KMEX	Los Angeles	34-13-35/118-03-56

KA-88835	Oat Mountain, NW of Los Angeles	LA	KMEX	Los Angeles	34-19-35/118-35-13
KA-88835	West Los Angeles, near LAX	LA	KMEX	Los Angeles	33-58-43/118-23-37
KA-88835	Saddle Peak, north of Malibu, CA	LA	KMEX	Los Angeles	34-04-35/118-39-30
KA-88835	Santiago Peak	OR	KMEX	Los Angeles / Orange County	33-42-42/117-31-46

SAN FRANCISCO AND SACRAMENTO AREA 2/3.5 GHZ CHG USEAGE

CHANNEL/OFFSET SITE	CH11A	CH11	CH11B	CH12A	CH12	CH12B	CH13A	CH13	CH13B	CH14A	CH14	CH14B	CH15A	CH15	CH15B	CH16A	CH16	CH16B	CH17A	CH17	CH17B	CH18A	CH18	CH18B	CH19A	CH19	CH19B	CH20A	CH20	CH20B
DIABLO																														
MT ST. HELENA				KNTV	KNTV	KNTV	KTVU	KTVU	KTVU	KNAX/KSBW	KGO		KNXL	KPIX	KPIX	KRON	KRON	KRON	KGO	KGO	KGO	KHSL/KPIX	KPIX	KPIX	KRON	KRON	KRON	KTSF	KGO	KTSF
MT. VACA							KTVU	KTVU	KTVU				KPIX	KPIX	KPIX	KRON	KRON	KRON	KGO	KGO	KGO	KPIX	KPIX	KPIX	KRON	KRON	KRON	KGO	KGO	KGO
MT. OSO				KNTV	KNTV	KNTV	KTVU	KTVU	KTVU	KGO	KGO	KGO	KPIX	KPIX	KPIX															
DOWNTOWN SACTO																														
WALNUT GROVE				KNTV	KNTV	KNTV	KCRA	KCRA	KCRA	KTVU	KTVU	KTVU	KHSL	KGO			KGO		KCRA	KCRA	KCRA				KCRA	KCRA	KCRA			
BEAR MTN				KNTV	KNTV	KNTV	KCRA	KCRA	KCRA	KTVU	KTVU	KGO	KHSL	KHSL	KHSL				KCRA	KCRA	KCRA				KCRA	KCRA	KCRA			
WELLS FARGO SACTO													KHSL	KGO	KHSL															
ELDORADO HILLS				KNTV	KNTV	KNTV										KLXS	KLXS	KLXS												
SUTTER BUTTES				KNTV	KNTV	KNTV	KCRA	KCRA	KCRA							KLXS	KLXS	KLXS												
SILVERTA (NW SACTO)																														
STOCKTON							KCRA	KCRA	KCRA										KCRA	KCRA	KCRA				KCRA	KCRA	KCRA			
MODESTO							KCRA	KCRA	KCRA																					
PINE HILL (E of SACTO)							KCRA	KCRA	KCRA																					
HOLLISTER PEAK										KTVU	KTVU	KTVU																		
BALD MT (NE of SACTO)													KHSL	KHSL	KHSL										KCRA	KCRA	KCRA			
LOMA PRIETA	KSBW	KSBW	KSBW	KNTV	KNTV	KNTV	KCRA	KCRA	KCRA	KTVU	KTVU	KTVU	KGO	KGO	KGO															
MT. SUTRO				KNTV	KNTV	KNTV	KCRA	KCRA	KCRA	KTVU	KTVU	KTVU	KGO	KGO	KGO															
BIG ROCK (MARIN CO)																KPIX	KPIX	KPIX	KRON	KRON	KRON	KGO	KGO	KGO	KPIX	KPIX	KPIX	KTSF	KTSF	KGO
FREMONT PEAK																KPIX	KPIX	KPIX	KRON	KRON	KRON	KGO	KGO	KGO	KPIX	KPIX	KPIX	KTSF	KTSF	KGO
MONUMENT PEAK	KNTV	KNTV	KNTV				KCRA	KCRA	KCRA																					
MT. SAN BRUNO	KGO	KGO	KGO				KCRA	KCRA	KCRA																					
MT. TAMALPAIS				KNTV	KNTV	KNTV																								
NORTH VALLEY				KNTV	KNTV	KNTV																								
CLAY JONES ST				KNMI	KNMI	KNMI	KHSL	KHSL	KHSL																					
FAIRMONT HOTEL SF													KGO	KGO	KGO				KRON	KRON	KRON									
MT. MADONNA	KSBW	KSBW	KSBW																KRON	KRON	KRON									
MT. ALLISON				KNTV	KNTV	KNTV	KCRA	KCRA	KCRA																					
MT. TORO							KCRA	KCRA	KCRA				KGO	KGO	KGO															

DON SHARP NORCO 11-25-03