

**ENGINEERING STATEMENT COVERING  
BROADCAST MULTIPLE OWNERSHIP STUDY**

**CCR-ST. GEORGE IV, LLC**

**ST. GEORGE, BRIAN HEAD, CEDAR CITY, and WASHINGTON, UTAH; and  
COLORADO CITY, ARIZONA**

**JANUARY 2014**

This engineering statement and supporting tabulations and figures have been prepared on behalf of **CCR-St. George IV, LLC (“CCR”)**. The purpose of this statement is to demonstrate continued **CCR** compliance with *Section 73.3555* of the Commission’s Rules with respect to multiple ownership of AM and FM broadcast facilities. This study is filed for the purpose of reflecting a change in ownership structure for the commonly owned stations in the market. No facility changes are associated with this filing.

**CCR** proposes continued common ownership of the following eight stations in the St. George, Brian Head, Cedar City and Washington Utah and Colorado City, Arizona, market:

KREC (FM)	Brian Head, UT	98.1 MHz	54 kW	Fac. ID #6784
KSUB (AM)	Cedar City, UT	590 kHz	1/5 kW DAN	Fac. ID #61384
KXBN (FM)	Cedar City, UT	92.1 MHz	95 kW	Fac. ID #61386
KCIN (FM)	Cedar City, UT	94.9 MHz	55 kW	Fac. ID #35392
KXFF (FM)	Colorado City, AZ	106.1 MHz	35 kW	Fac. ID #69623
KIYK(FM)	St. George, UT	107.3 MHz	2 kW	Fac. ID #60457
KDXU(AM)	St. George, UT	890 kHz	10 kW DA-N	Fac. ID #60454
KHKR(AM)	Washington, UT	1210 kHz	10 kW ND	Fac. ID #55398
KHKR(AM)	Washington, UT	1210 kHz	10 kW ND (CP)	BP-20130729AAX

These eight stations are considered as three separate markets since the principal community contours for KCIN(FM), KXFF(FM) and KIYK(FM) do not overlap.

Market 1: KSUB(AM), KDXU(AM), KHKR(AM), KXBN(FM), KCIN(FM) and KREC(FM)  
2: KSUB(AM), KDXU(AM), KHKR(AM), KXBN(FM), KXFF(FM) and KREC(FM)  
3: KSUB(AM), KDXU(AM), KHKR(AM), KIYK(FM), KREC(FM) and KXFF(FM)

The stations are not licensed to Arbitron Metro counties and thus the contour method was used to determine the number of stations in the market. The eight stations are considered as three markets as discussed above. However, the perimeter of the three markets is the same as it is defined by KSUB(AM) and KDXU(AM) and thus the identity of other stations in the market is the same for each of the three markets. The market coverage analysis was undertaken by BIA and is attached.

A review of the BIA study shows that 27 other stations duplicate some portion of the market. Based on the above analysis, it is believed that the proposed common ownership of stations complies with *Section 73.3555(a)(1)(ii)* of the Commission's Rules. There are 25 other FM and 2 other AM stations considered in this study which are listed on pages 8 and 9 of the BIA study and whose principal community contours overlap some portion of either the KSUB(AM) or KDXU(AM) 5 mV/m contours.

The foregoing was prepared on behalf of **CCR-St. George IV, LLC** by Clarence M. Beverage of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The undersigned certifies, under penalty of perjury, that the statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



By \_\_\_\_\_

**Clarence M. Beverage**  
*for* Communications Technologies, Inc.  
Marlton, New Jersey

January 31, 2014

**Communications Technologies, Inc**  
**Marlton, NJ**

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Tuesday, January 28, 2014

Dataworld LMA/Duopoly Market Coverage Analysis

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**Job Title: CCR-St George IV, LLC**

Communications Technologies, Inc  
Marlton, NJ

Primary Stations

Title: CCR-St George IV, LLC

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Colorado City CCR-St. George IV, LLC	AZ	KXFF	FM	Lic	BLH-20130711AAY106.1	106.1 MHz	C1 LMA record	35.000	347.0	N 37° 05' 41.0" W 113° 11' 06.0"
Brian Head CCR-St. George IV, LLC	UT	KREC	FM	Lic	BLH-19881123KC	98.1 MHz	C LMA record	56.000	769.9	N 37° 32' 32.1" W 113° 04' 05.0"
Cedar City CCR-St. George IV, LLC	UT	KSUB	AM	Lic	BL-20060501AOZ	590 kHz	B/B LMA record	5.000		N 37° 41' 47.0" W 113° 10' 59.0"
St. George CCR-St. George IV, LLC	UT	KDXU	AM	Lic	BL-20060216AMX	890 kHz	B/B LMA record	10.000	10.000	N 37° 04' 05.0" W 113° 31' 08.0"
St. George CCR-St. George IV, LLC	UT	KIYK	FM	Lic	BLH-20130711AAX107.3	107.3 MHz	C2 LMA record	2.000	568.4	N 36° 50' 49.0" W 113° 29' 28.0"
Washington CCR-St. George IV, LLC	UT	KHKR	AM	CP	BP-20130729AAX	1210 kHz	B/B LMA record	10.000	0.231	N 37° 04' 06.0" W 113° 31' 04.0"
Washington CCR-St. George IV, LLC	UT	KHKR	AM	Lic	BL-19820816AK	1210 kHz	B/B LMA record	10.000	0.250	N 37° 08' 38.0" W 113° 30' 03.0"

>> End of Primary Stations <<

Jointly Owned Stations

Title: CCR-St George IV, LLC

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Cedar City CCR-St. George IV, LLC	UT	KXBN	FM	Lic	BLH-20071113ADC	92.1 MHz	C LMA record	95.000	532.0	N 37° 38' 43.0" W 113° 22' 22.0"
Cedar City CCR-St. George IV, LLC	UT	KCIN	FM	Lic	BLH-19890717KF	94.9 MHz	C1 LMA record	55.000	-36.9	N 37° 45' 51.0" W 113° 06' 15.0"

>> End of Jointly Owned Stations <<

Communications Technologies, Inc  
Marlton, NJ

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: CCR-St George IV, LLC  
Database: DW

Bearing (deg)	KXFF Dist. (km)	KSUB Dist. (km)	KREC Dist. (km)	KHKR Dist. (km)	KHKR Dist. (km)
.0	49.6	78.2	73.0	54.1	53.4
5.0	48.7	78.2	71.0	54.1	53.4
10.0	48.7	78.2	67.7	54.1	53.4
15.0	45.3	78.3	64.2	54.1	53.4
20.0	46.7	78.3	60.4	56.8	57.9
25.0	45.7	78.4	60.8	59.9	61.7
30.0	45.4	78.5	59.8	62.3	63.7
35.0	46.0	78.7	58.1	63.4	65.1
40.0	46.3	79.1	51.7	63.9	66.0
45.0	47.3	80.2	49.3	64.3	66.3
50.0	46.3	86.2	47.9	64.6	66.5
55.0	45.6	86.9	48.5	64.7	66.5
60.0	45.5	87.3	48.8	64.6	66.5
65.0	43.9	88.1	48.3	62.0	66.4
70.0	40.4	89.4	47.7	55.5	66.1
75.0	37.1	91.1	44.1	50.2	65.7
80.0	35.1	92.9	46.8	45.8	61.7
85.0	32.5	93.0	50.6	42.5	56.6
90.0	27.0	93.0	53.2	42.2	51.3
95.0	23.9	93.0	55.0	41.9	45.3
100.0	13.9	92.9	55.9	41.7	42.3
105.0	22.0	92.9	56.2	41.6	42.0
110.0	31.7	92.9	56.0	41.6	41.9
115.0	34.6	92.9	56.2	41.6	41.8
120.0	35.4	92.9	57.7	41.7	41.8
125.0	36.4	92.8	60.6	41.8	41.8
130.0	36.8	92.8	64.4	41.9	41.8
135.0	37.0	92.8	60.7	42.1	42.0
140.0	37.4	92.7	54.3	42.4	42.3
145.0	36.0	92.7	50.9	42.8	42.7
150.0	34.4	92.5	53.8	43.3	43.2
155.0	35.9	92.3	58.4	43.9	43.9
160.0	33.1	90.0	59.7	44.8	44.8
165.0	33.7	84.9	57.4	46.0	46.1
170.0	34.6	80.6	55.7	47.5	47.9
175.0	36.2	77.6	57.3	49.6	50.3
180.0	38.3	76.4	58.6	53.0	53.4
185.0	38.4	77.0	63.3	54.1	53.4
190.0	38.0	79.0	66.8	54.1	53.4
195.0	36.0	81.5	70.6	54.1	53.4
200.0	36.4	80.7	71.2	54.1	53.4
205.0	36.7	80.2	71.4	54.2	53.4
210.0	35.9	79.9	69.3	54.2	53.5
215.0	33.3	79.5	65.8	54.2	53.5
220.0	31.9	79.2	66.8	54.2	53.5
225.0	37.7	79.0	67.6	54.2	53.5
230.0	40.2	78.7	69.0	54.3	53.5
235.0	41.2	78.5	71.7	54.3	53.6
240.0	42.3	78.5	73.6	54.3	53.6
245.0	42.7	78.5	74.4	54.3	53.6
250.0	44.4	78.5	75.1	54.3	53.6

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: CCR-St George IV, LLC

Database: DW

Bearing (deg)	KXFF Dist. (km)	KSUB Dist. (km)	KREC Dist. (km)	KHKR Dist. (km)	KHKR Dist. (km)
255.0	45.7	78.5	75.3	54.3	53.6
260.0	48.5	78.5	75.9	54.3	53.6
265.0	50.7	78.5	76.5	54.3	53.6
270.0	51.9	78.5	76.2	54.4	53.6
275.0	52.6	78.5	76.0	54.3	53.6
280.0	53.0	78.4	76.0	54.3	53.6
285.0	53.3	78.4	76.2	54.3	53.6
290.0	53.2	78.4	76.5	54.3	53.6
295.0	53.7	78.4	76.9	54.3	53.6
300.0	53.8	78.4	76.9	54.3	53.6
305.0	54.8	78.3	76.8	54.3	53.6
310.0	54.8	78.3	76.6	54.3	53.5
315.0	53.9	78.3	76.6	54.2	53.5
320.0	53.7	78.3	76.7	54.2	53.5
325.0	53.5	78.2	76.7	54.2	53.5
330.0	53.1	78.2	76.7	54.2	53.5
335.0	52.0	78.2	76.4	54.2	53.4
340.0	51.0	78.2	76.3	54.1	53.4
345.0	49.7	78.2	75.8	54.1	53.4
350.0	48.6	78.1	75.0	54.1	53.4
355.0	49.8	78.1	73.8	54.1	53.4

Communications Technologies, Inc  
Marlton, NJ

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: CCR-St George IV, LLC

Database: DW

Bearing (deg)	KIYK Dist. (km)	KDXU Dist. (km)
.0	36.7	70.8
5.0	36.7	70.8
10.0	36.8	70.8
15.0	36.3	70.8
20.0	36.0	77.8
25.0	35.2	83.2
30.0	35.0	84.9
35.0	34.4	85.8
40.0	33.9	86.2
45.0	33.2	86.5
50.0	32.3	86.7
55.0	32.0	86.7
60.0	30.8	86.7
65.0	30.5	84.8
70.0	30.5	79.9
75.0	30.2	75.9
80.0	29.9	72.4
85.0	29.7	68.8
90.0	30.1	64.3
95.0	30.4	58.5
100.0	31.0	54.3
105.0	31.1	54.2
110.0	30.9	54.2
115.0	30.8	54.2
120.0	30.4	54.3
125.0	30.2	54.3
130.0	29.9	54.5
135.0	29.7	54.6
140.0	29.4	54.8
145.0	28.9	55.1
150.0	28.5	55.5
155.0	28.2	56.0
160.0	26.6	56.7
165.0	24.9	57.8
170.0	24.7	59.1
175.0	24.6	61.1
180.0	24.1	64.2
185.0	23.7	69.9
190.0	23.1	70.8
195.0	22.6	70.8
200.0	22.8	70.8
205.0	22.8	70.8
210.0	22.0	70.8
215.0	20.9	70.8
220.0	20.9	70.9
225.0	21.0	70.9
230.0	19.4	70.9
235.0	17.1	71.0
240.0	15.7	71.0
245.0	18.2	71.0
250.0	20.6	71.0

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: CCR-St George IV, LLC

Database: DW

<u>Bearing</u> <u>(deg)</u>	<u>KIYK</u> <u>Dist. (km)</u>	<u>KDXU</u> <u>Dist. (km)</u>
255.0	21.7	71.0
260.0	23.5	71.0
265.0	24.2	71.1
270.0	25.0	71.1
275.0	26.6	71.1
280.0	28.3	71.0
285.0	28.3	71.0
290.0	28.9	71.0
295.0	29.5	71.0
300.0	31.0	71.0
305.0	32.2	71.0
310.0	33.7	70.9
315.0	34.8	70.9
320.0	35.5	70.9
325.0	35.7	70.9
330.0	36.1	70.8
335.0	36.1	70.8
340.0	36.3	70.8
345.0	36.3	70.8
350.0	36.8	70.8
355.0	37.0	70.8

>> End of Distance to City Grade Contour for Proposed LMA/Duopoly Stations <<

Stations Processed in LMA/Duopoly Study

Title: CCR-St George IV, LLC

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Parowan Canyon Media Group, LLC	UT	KENT	AM	Lic	BL-20060703ADG	1400 kHz	C/C Xmtr in Con.	1.000	1.000	N 37° 48' 22.0" W 112° 56' 40.0"
St. George Canyon Media Corporation	UT	KZNU	AM	Lic	BL-20050414ACX	1450 kHz	C/C Xmtr in Con.	1.000	1.000	N 37° 02' 17.0" W 113° 38' 12.0"
Bunkerville LKCM RG Licenses, LLC	NV	KYLI	FM	Lic	BLH-20100623AEP	96.7 MHz	C Con. Overlap	93.000	637.0	N 36° 38' 07.0" W 114° 07' 18.0"
Logandale M&M Broadcasting LLC	NV	KADD	FM	Lic	BLH-20080201BGH	93.5 MHz	C Con. Overlap	93.000	637.0	N 36° 38' 07.0" W 114° 07' 18.0"
Mesquite Educational Media Foundation	NV	KAER	FM	Lic	BLED-20110421ABM	89.3 MHz	C Con. Overlap	0.740	239.0	N 36° 53' 48.0" W 114° 17' 23.0"
Mesquite Educational Media Foundation	NV	KAIZ	FM	Lic	BLED-20100915ABX	90.9 MHz	A Con. Overlap	0.500	232.0	N 36° 53' 48.0" W 114° 17' 23.0"
Moapa Radio Activo Broadcasting Licens	NV	KXLI	FM	Lic	BLH-20080229AAT	94.5 MHz	C Con. Overlap	93.000	637.0	N 36° 38' 07.0" W 114° 07' 18.0"
Moapa Valley Summit American, Inc.	NV	KJUL	FM	Lic	BLH-20041115ACG	104.7 MHz	C1 Con. Overlap	100.000	184.0	N 36° 41' 00.0" W 114° 30' 48.0"
Mesquite Kemp Broadcasting, Inc.	NV	KVEG	FM	Lic	BLH-20010711AAI	97.5 MHz	C Con. Overlap	100.000	600.0	N 36° 35' 06.0" W 114° 36' 01.0"
Moapa Valley Entravision Holdings, LLC	NV	KRRN	FM	Lic	BLH-20080327ADP	92.7 MHz	C Con. Overlap	100.000	587.0	N 36° 36' 04.0" W 114° 35' 06.0"
Monroe Sanpete County Broadcasting Co	UT	KMXD	FM	Lic	BLH-20080122ADT	100.5 MHz	C Con. Overlap	33.000	1001.0	N 38° 23' 08.0" W 112° 19' 57.0"
Richfield Utah State University of Agriculture and Applied Science	UT	KUSL	FM	Lic	BLED-20101210ALL	89.3 MHz	C1 Con. Overlap	2.000	973.0	N 38° 23' 08.0" W 112° 19' 57.0"
Elsinore Mid-Utah Radio Inc.	UT	KWUT	FM	Lic	BLH-20100520AAP	97.7 MHz	C Con. Overlap	31.000	993.0	N 38° 23' 08.0" W 112° 19' 57.0"
Beaver Beaver Radio	UT	KEZB	FM	Lic	BLED-20101222ACB	90.7 MHz	A Con. Overlap	0.100	-155.0	N 38° 17' 13.0" W 112° 38' 18.0"
Cedar City Calvary Chapel Cedar City, Inc.	UT	KCHG	FM	Lic	BLED-20120119AAB	88.9 MHz	C1 Xmtr in Con.	6.700	794.0	N 37° 32' 29.0" W 113° 04' 04.0"
Cedar City South State University	UT	KSUU	FM	Lic	BLED-19850219KK	91.1 MHz	C3 Xmtr in Con.	10.000	-141.0	N 37° 38' 55.0" W 113° 05' 32.0"
Glendale New Life Christian School	UT	KFDJ	FM	Lic	BLED-20130107AAJ	90.5 MHz	A Xmtr in Con.	0.450	0.0	N 37° 16' 16.0" W 112° 39' 02.0"

Stations Processed in LMA/Duopoly Study

Title: CCR-St George IV, LLC

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Hurricane CBL Investments, LLC	UT	KROX	FM	Lic	BLH-20100727AFE	98.9 MHz	C1 Xmtr in Con.	14.500	620.0	N 36° 50' 49.0" W 113° 29' 28.0"
Hurricane Western Broadcasting, LS, LLC	UT	KURR	FM	Lic Simmons Media Group, Inc.	BLH-20070807AEG	103.1 MHz	C Xmtr in Con.	100.000	595.0	N 36° 50' 49.0" W 113° 29' 28.0"
Kanab Canyon Media Group, LLC	UT	KPLD	FM	Lic	BLH-20120113ACD	105.1 MHz	C Xmtr in Con.	100.000	600.0	N 37° 17' 45.0" W 112° 50' 34.0"
La Verkin Cochise Broadcasting LLC	UT	KCDC	FM	Lic	BLH-20121116ANW	102.3 MHz	C0 Xmtr in Con.	7.700	1033.0	N 37° 09' 12.0" W 113° 52' 49.0"
Leeds Canyon Media Group, LLC	UT	KCLS	FM	Lic	BLH-20120531AHP	101.5 MHz	C0 Xmtr in Con.	40.000	620.0	N 36° 50' 49.0" W 113° 29' 28.0"
Parowan Tri State Radio, LLC	UT	KYLZ	FM	Lic	BLH-20120806ABE	93.9 MHz	A Xmtr in Con.	0.240	-273.0	N 37° 51' 25.5" W 112° 49' 25.4"
Saint George Nevada Public Radio	UT	KSGU	FM	Lic	BLED-20051107AED	90.3 MHz	C2 Xmtr in Con.	2.000	555.0	N 36° 50' 49.0" W 113° 29' 28.0"
Santa Clara Dixie College	UT	KXDS	FM	Lic	BLED-20100727AFC	91.3 MHz	C3 Xmtr in Con.	0.380	565.0	N 36° 50' 49.0" W 113° 29' 28.0"
St. George Marvin Kent Frandsen	UT	KZHK	FM	Lic	BMLH-20130325ACG	95.9 MHz	C Xmtr in Con.	70.000	595.0	N 36° 50' 49.0" W 113° 29' 28.0"
St. George Canyon Media Corporation	UT	KONY	FM	Lic	BLH-20120315AAA	99.9 MHz	C Xmtr in Con.	89.000	620.0	N 36° 50' 49.0" W 113° 29' 28.0"

>> End of Stations Processed in LMA/Duopoly Study <<

Transmitter Site-to-Site Distance and Bearing Calculations

Title: CCR-St George IV, LLC

Database: DW

Stations Processed	KXFF		KSUB		KREC		KHKR (CP)		KHKR (LIC)	
	Dist. (km)	Br. (deg)								
KENT	81.9	15.0	24.3	59.7	31.3	20.3	96.4	31.5	88.5	33.5
KZNU	40.6	261.2	83.4	208.8	75.3	222.1	11.1	252.3	16.8	225.7
KYLI	97.7	238.8	144.3	215.5	137.5	223.1	72.1	228.3	79.0	224.5
KADD	97.7	238.8	144.3	215.5	137.5	223.1	72.1	228.3	79.0	224.5
KAER	100.5	257.7	132.2	228.1	129.8	236.8	71.2	254.7	75.2	248.8
KAIZ	100.5	257.7	132.2	228.1	129.8	236.8	71.2	254.7	75.2	248.8
KXLI	97.7	238.8	144.3	215.5	137.5	223.1	72.1	228.3	79.0	224.5
KJUL	126.7	249.2	163.0	226.7	159.8	233.7	98.3	244.5	103.5	240.7
KCHG	50.7	11.8	20.0	149.5	.1	165.8	66.0	37.0	58.5	40.8
KSUU	62.1	7.6	9.6	123.6	12.0	349.8	74.7	30.1	66.7	32.6
KFDJ	51.2	67.3	66.7	135.0	47.6	129.1	80.1	73.4	76.6	79.1
KROX-FM	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KURR	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KPLD	37.7	53.5	53.7	145.9	33.9	143.9	64.9	66.9	60.7	73.6
KCDC	62.0	276.2	86.2	225.8	83.8	239.2	33.5	286.5	33.6	271.9
KCLS	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KYLZ	90.6	20.5	36.3	60.4	41.1	31.5	107.0	34.7	99.3	36.8
KSGU	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KXDS	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KZHK	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KONY	38.7	224.7	98.3	196.2	85.9	206.0	24.7	174.5	33.0	178.5
KVEG	138.3	246.2	176.3	225.9	172.8	232.4	110.5	241.2	116.0	237.9
KRRN	136.4	246.6	174.0	226.0	170.6	232.6	108.4	241.6	113.9	238.3
KMXD	161.8	27.3	106.9	43.9	113.8	34.3	179.7	35.1	172.0	36.3
KUSL	161.8	27.3	106.9	43.9	113.8	34.3	179.7	35.1	172.0	36.3
KWUT	161.8	27.3	106.9	43.9	113.8	34.3	179.7	35.1	172.0	36.3
KEZB	140.8	19.8	81.1	35.8	90.9	24.3	155.9	29.5	147.9	30.6

Transmitter Site-to-Site Distance and Bearing Calculations

Title: CCR-St George IV, LLC

Database: DW

Stations Processed	KIYK		KDXU	
	Dist. (km)	Br. (deg)	Dist. (km)	Br. (deg)
KENT	117.1	24.2	96.5	31.5
KZNU	24.9	328.7	11.0	252.3
KYLI	60.9	247.5	72.0	228.3
KADD	60.9	247.5	72.0	228.3
KAER	71.2	274.7	71.1	254.7
KAIZ	71.2	274.7	71.1	254.7
KXLI	60.9	247.5	72.0	228.3
KJUL	92.8	259.0	98.2	244.5
KCHG	85.8	25.8	66.0	37.0
KSUU	95.9	21.5	74.8	30.2
KFDJ	88.2	57.4	80.2	73.4
KROX-FM	.0	.0	24.7	174.3
KURR	.0	.0	24.7	174.3
KPLD	76.1	48.9	65.0	66.9
KCDC	48.5	314.7	33.4	286.6
KCLS	.0	.0	24.7	174.3
KYLZ	126.9	27.5	107.0	34.8
KSGU	.0	.0	24.7	174.3
KXDS	.0	.0	24.7	174.3
KZHK	.0	.0	24.7	174.3
KONY	.0	.0	24.7	174.3
KVEG	103.3	253.9	110.4	241.2
KRRN	101.5	254.7	108.3	241.6
KMXD	199.1	30.5	179.8	35.1
KUSL	199.1	30.5	179.8	35.1
KWUT	199.1	30.5	179.8	35.1
KEZB	89.3	56.5	156.0	29.5

>> End of Transmitter Site-to-Site Distance and Bearing Calculations <<

Communications Technologies, Inc  
Marlton, NJ

Summary of Proposed LMA/Duopoly Analysis

Title: CCR-St George IV, LLC  
Database: DW

<u>Stations Processed</u>	<u>KXFF LMA Status</u>	<u>KSUB LMA Status</u>	<u>KREC LMA Status</u>	<u>KHKR (CP) LMA Status</u>	<u>KHKR (LIC) LMA Status</u>
KENT		Xmtr in Con.	Xmtr in Con.	Con. Overlap	Con. Overlap
KZNU	Xmtr in Con.	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KYLI	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap
KADD	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap
KAER				Con. Overlap	
KAIZ				Con. Overlap	
KXLI	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap	Con. Overlap
KJUL					
KCHG	Con. Overlap	Xmtr in Con.	Xmtr in Con.	Con. Overlap	Xmtr in Con.
KSUU	Con. Overlap	Xmtr in Con.	Xmtr in Con.	Con. Overlap	Con. Overlap
KFDJ		Xmtr in Con.	Xmtr in Con.		
KROX-FM	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KURR	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KPLD	Xmtr in Con.	Xmtr in Con.	Xmtr in Con.	Con. Overlap	Xmtr in Con.
KCDC	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KCLS	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KYLZ		Xmtr in Con.	Xmtr in Con.		
KSGU	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KXDS	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KZHK	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KONY	Con. Overlap	Con. Overlap	Con. Overlap	Xmtr in Con.	Xmtr in Con.
KVEG				Con. Overlap	Con. Overlap
KRRN				Con. Overlap	Con. Overlap
KMXD		Con. Overlap	Con. Overlap		
KUSL		Con. Overlap			
KWUT		Con. Overlap	Con. Overlap		
KEZB		Con. Overlap			

Summary of Proposed LMA/Duopoly Analysis

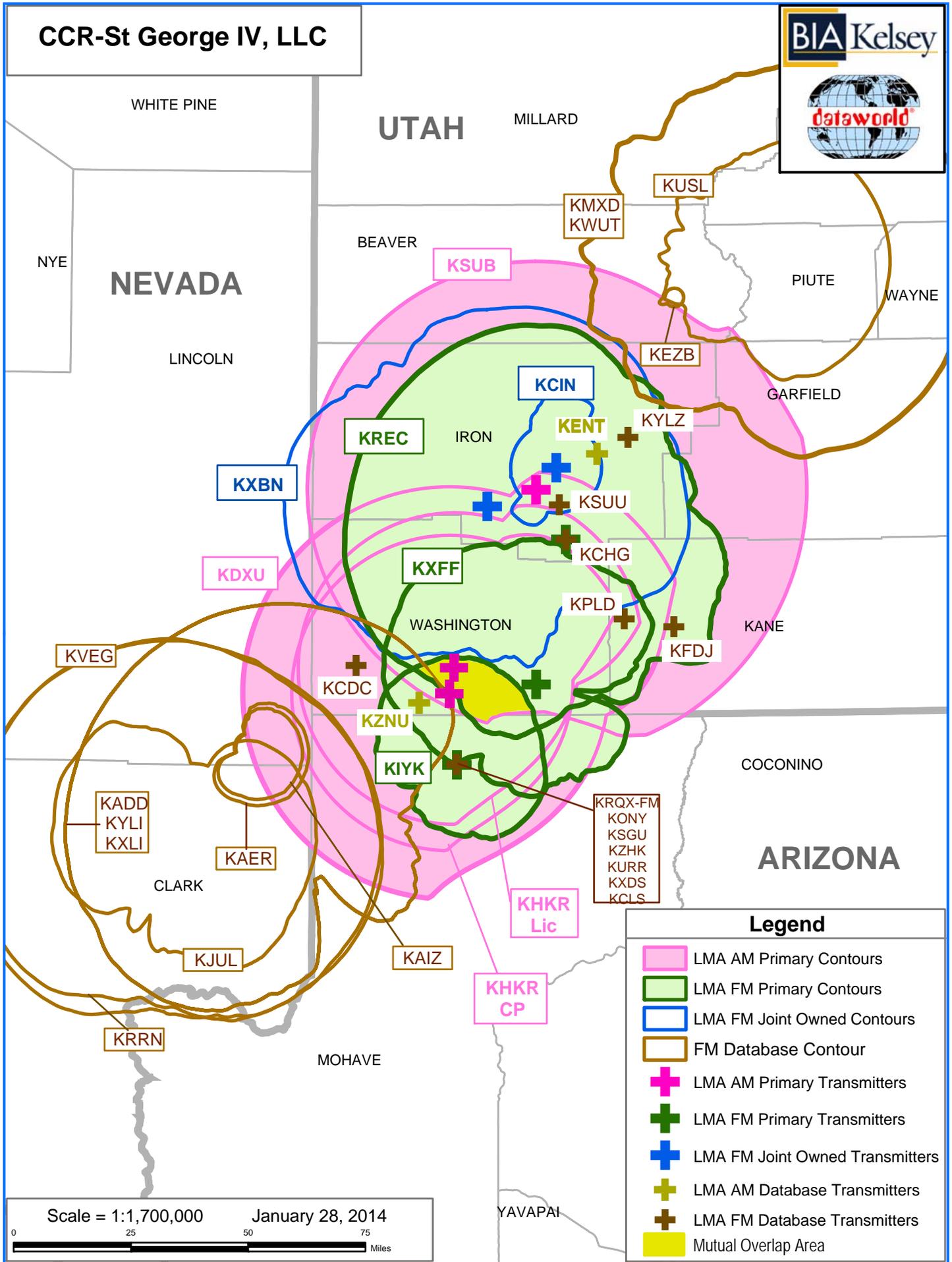
Title: CCR-St George IV, LLC

Database: DW

<u>Stations Processed</u>	<u>KIYK LMA Status</u>	<u>KDXU LMA Status</u>
KENT		Con. Overlap
KZNU	Xmtr in Con.	Xmtr in Con.
KYLI	Con. Overlap	Con. Overlap
KADD	Con. Overlap	Con. Overlap
KAER		Con. Overlap
KAIZ		Con. Overlap
KXLI	Con. Overlap	Con. Overlap
KJUL		Con. Overlap
KCHG	Con. Overlap	Xmtr in Con.
KSUU		Xmtr in Con.
KFDJ		Con. Overlap
KROX-FM	Xmtr in Con.	Xmtr in Con.
KURR	Xmtr in Con.	Xmtr in Con.
KPLD	Con. Overlap	Xmtr in Con.
KCDC	Con. Overlap	Xmtr in Con.
KCLS	Xmtr in Con.	Xmtr in Con.
KYLZ		
KSGU	Xmtr in Con.	Xmtr in Con.
KXDS	Xmtr in Con.	Xmtr in Con.
KZHK	Xmtr in Con.	Xmtr in Con.
KONY	Xmtr in Con.	Xmtr in Con.
KVEG		Con. Overlap
KRRN		Con. Overlap
KMXD		
KUSL		
KWUT		
KEZB		

>> End of Summary of Proposed LMA/Duopoly Analysis <<

# CCR-St George IV, LLC



### Legend

- LMA AM Primary Contours
- LMA FM Primary Contours
- LMA FM Joint Owned Contours
- FM Database Contour
- LMA AM Primary Transmitters
- LMA FM Primary Transmitters
- LMA FM Joint Owned Transmitters
- LMA AM Database Transmitters
- LMA FM Database Transmitters
- Mutual Overlap Area

Scale = 1:1,700,000      January 28, 2014

0      25      50      75      Miles