

June 2015
KOLC(FM) Channel 247C
Carson City, NV
Allocation Study

Americom Las Vegas Limited Partnership (“Americom”), the licensee of FM station KOLC on Channel 247C at Carson City, has discovered that the coordinates of KOLC are in error by 5 seconds of latitude and 1 second of longitude. By this application, Americom proposes correction of the KOLC coordinate and height data, to match the modified Antenna Structure Registration for the tower on which the antenna is installed.

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KABX-FM on Channel 248B at Merced. This short-spacing was created by KABX-FM in connection with its construction permit BPH-19990309IA, which proposed a 13 kilometer short-spacing with KOLC (then KWNZ) for the first time. KABX-FM properly demonstrated contour protection to the licensed KOLC facility, assuming KOLC operation with maximum Class C facilities of 100 kW ERP at 600 meters HAAT. The modified KABX-FM facility was granted pursuant to §73.215 of the Commission's Rules, and was subsequently licensed as BLH-20000103ABD.

The Commission's CDBS database incorrectly indicates that KABX-FM is not authorized under §73.215. However, the attached copy of the KABX-FM license correctly includes a condition noting the §73.215 authorization. Furthermore, the undersigned engineer personally prepared the KABX-FM Form 301 application BPH-19990309IA, and our copy of the original application includes the request for §73.215 processing.

The instant application to correct the KOLC coordinate and height data will increase the spacing to KABX-FM, thereby decreasing the 13 kilometer short-spacing to 12 kilometers. In this circumstance, it is not necessary for KOLC to request processing pursuant to §73.215 with respect to the KABX-FM license. However, an allocation study map is included in this application, to demonstrate that KABX-FM will continue to provide full contour protection to KOLC at its corrected transmitter site, and with maximum Class C facilities.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS FM Database Date: 150618

Channel: 247C 97.3 MHz
 Latitude: 39 15 26
 Longitude: 119 42 36
 Safety Zone: 32 km
 Job Title: KOLC COORDINATE CORRECTION

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K245BV LIC	RENO NV	BLFT-50323AAP	245D 96.9	0.250 0.0	39-35-02 119-47-55	348.2	37.06 0.00	0 TRANS
K246BX CP	SONORA CA	BNPFT-30327AKJ	246D 97.1	0.010 646.0	38-00-30 120-21-44	202.4	149.82 0.00	0 TRANS
K247BX CP	GRASS VALLEY CA	BNPFT-30829AIH	247D 97.3	0.010 522.0	39-07-59 121-05-56	263.9	120.78 0.00	0 TRANS
KLLC-FM2 LIC	PLEASANTON CA	BLFTB-10714ABN	247D 97.3	4.800 0.0	37-39-40 121-50-12	226.9	256.61 0.00	0 BOOST
KNCQ LIC	REDDING CA	BLH-851104KF	247C 97.3	28.000 1088.0	40-36-10 122-38-58	301.8	292.33 2.33	290 CLOSE
KNCQaux LIC	REDDING CA	BXLH-70104ACR	247C 97.3	0.250 471.0	40-39-06 122-31-32	303.8	286.11 0.00	0 AUX
KLLCaux LIC	SAN FRANCISCO CA	BXLH-60719ACW	247B 97.3	3.000 294.0	37-51-03 122-29-50	238.0	288.79 0.00	0 AUX
KLLC LIC	SAN FRANCISCO CA	BMLH-80818ABJ	247B 97.3	82.000 309.0	37-51-03 122-29-51	238.0	288.82 14.82	274 CLEAR
KLLCaux LIC	SAN FRANCISCO CA	BLH-960111KK	247B 97.3	4.700 353.0	37-51-55 122-13-12	235.4	267.84 0.00	0 AUX
KNCQ RSV	WEAVERVILLE CA	-	247C 97.3	0.000 0.0	40-35-15 122-39-59	301.3	292.74 2.74	290 CLOSE
KNCQ APP	WEAVERVILLE CA	BPH-40828ACE	247C 97.3	28.000 1088.0	40-36-10 122-38-58	301.8	292.33 2.33	290 CLOSE
KOLCaux LIC	CARSON CITY NV	BLH-911206KA	247C 97.3	31.000 620.0	39-15-21 119-42-37	188.8	0.16 0.00	0 AUX
KOLC LIC	CARSON CITY NV	BMLH-860530KA	247C 97.3	87.000 644.0	39-15-21 119-42-37	188.8	0.16 -289.84	290 SHORT
K247AX LIC	TONOPAH NV	BLFT-70724ACM	247D 97.3	0.010 278.0	38-04-08 117-13-29	120.7	253.36 0.00	0 TRANS

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SEARCH PARAMETERS FM Database Date: 150618

Channel: 247C 97.3 MHz Page 2

Latitude: 39 15 26

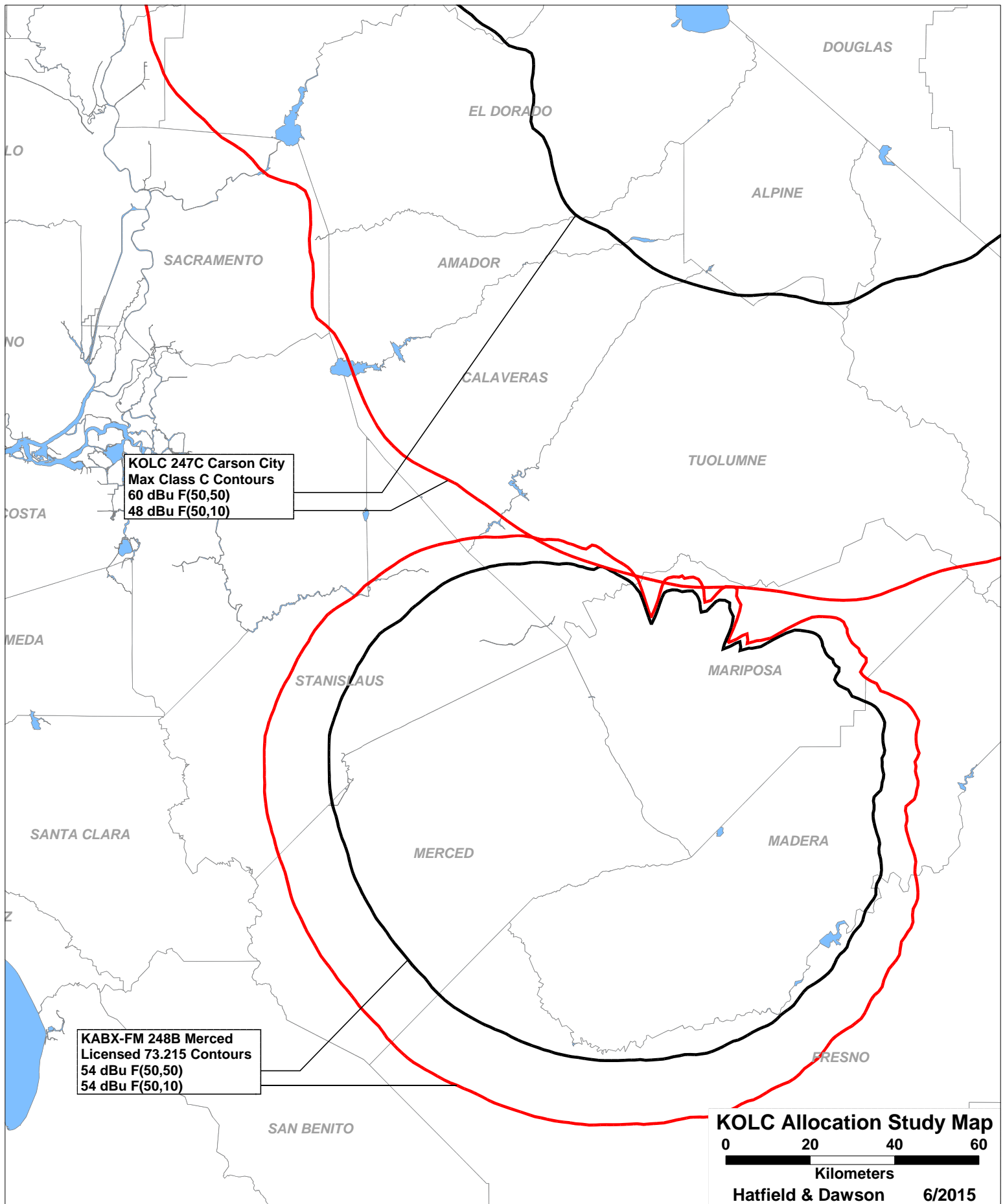
Longitude: 119 42 36

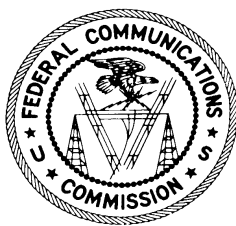
Safety Zone: 32 km

Job Title: KOLC COORDINATE CORRECTION

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K248AT	CRESTVIEW		248D	0.010	37-42-46	151.6	194.50	0
LIC	CA	BLFT-40831AAC	97.5	651.0	118-39-26		0.00	TRANS
KABX-FM	MERCED		248B	8.800	37-26-44	190.8	204.64	217
LIC	CA	BLH-00103ABD	97.5	354.0	120-08-37		-12.36	SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 195 KM								
KRBP-LP	RENO		249L1	0.005	39-35-03	348.3	37.08	0
CP	NV	BNPL-31114BWR	97.7	118.0	119-47-52		0.00	LPFM
K249ES	SOUTH LAKE TAHOE		249D	0.010	38-55-38	207.5	41.31	0
CP	NV	BNPFT-30827ACT	97.7	909.0	119-55-50		0.00	TRANS
K250BJ	QUINCY		250D	0.010	39-53-00	303.7	126.82	0
CP	CA	BNPFT-30829ACY	97.9	1032.0	120-56-40		0.00	TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 247 =====





United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MAPLETON LICENSE OF MERCED, LLC
10900 WILSHIRE BOULEVARD
LOS ANGELES CA 90024

Edward P. De La Hunt
Associate Chief
Audio Division
Media Bureau

Facility Id: 41173

Call Sign: KABX-FM

License File Number: BLH-20000103ABD

This License Covers Permit No.: BPH-19990309IA

Grant Date: June 01, 2000

This license expires 3:00 a.m.
local time, December 01, 2005.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: KABX-FM

License No.: BLH-20000103ABD

Name of Licensee: MAPLETON LICENSE OF MERCED, LLC

Station Location: CA-MERCED

Frequency (MHz): 97.5

Channel: 248

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 2.80 kW

Antenna type: Directional

Description: PSI PSIFM-6-HWS-DA

Antenna Coordinates: North Latitude: 37 deg 26 min 44 sec

West Longitude: 120 deg 08 min 37 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	8.8	8.8
Height of radiation center above ground (Meters):	50	50
Height of radiation center above mean sea level (Meters):	748	748
Height of radiation center above average terrain (Meters):	354	354

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 55 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by Construction Permit BPH-19990309IA.

A relative field strength of 1.0 on the composite radiation pattern corresponds to the following effective radiated power:

8.8 kilowatts.

Principal minima and their associated field strength limits:

40 degrees True: 5.55 kilowatts
 290 degrees True: 5.55 kilowatts
 340-350 degrees True: 0.70 kilowatts

- 2 ***** This is a Section 73.215 contour protection grant *****
 ***** as requested by this applicant *****

- 3 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***