United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SALEM COMMUNICATIONS HOLDING CORPORATION
4880 SANTA ROSA ROAD
CAMARILLO CA 93012

Susan N. Crawford
Senior Engineer
Audio Division
Media Bureau

Grant Date: February 10, 2011

This license expires 3:00 a.m. local time, October 01, 2020.

Facility Id: 42081

Call Sign: WLQV

License File Number: BMML-20101117BHW

License re-issued May 13, 2014, by SNC, to add a Special Operating Condition authorizing the use of modulation dependent carrier level (MDCL) control technology.

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	8:00 AM	5:30 PM	Jul.	5:15 AM	8:15 PM
Feb.	7:30 AM	6:00 PM	Aug.	5:45 AM	7:30 PM
Mar.	6:45 AM	6:45 PM	Sep.	6:15 AM	6:45 PM
Apr.	6:00 AM	7:15 PM	Oct.	6:45 AM	6:00 PM
May	5:15 AM	7:45 PM	Nov.	7:30 AM	5:15 PM
Jun	5:00 AM	8:15 PM	Dec	8:00 AM	5:00 PM

Jan. 5:00 AM 6:15 PM Dec. 8:00 AM 5:00 PM

Name of Licensee: SALEM COMMUNICATIONS HOLDING CORPORATION

Station Location: DETROIT, MI

Frequency (kHz): 1500

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	42	Deg	13	Min	52 Sec
Longitude:	W	83	Deg	11	Min	58 Sec

		Night				
Latitude:	N	42	Deg	13	Min	52 Sec
Longitude:	W	83	Deg	11	Min	58 Sec

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

Nominal Power (kW): Day: 50.0 Night: 10.0

Antenna Input Power (kW): Day: 52.7 Night: 10.5

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.45 Night: 14.51

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1007332	
2	1007333	
3	1007334	
4	1007335	
5	1007336	
6	1007337	
7	1007338	
8	1007339	
9	1007340	

Night:

Tower No.	ASRN	Overall Height (m)
1	1007332	
2	1007333	
3	1007334	
4	1007335	
5	1007336	
6	1007337	
7	1007338	
8	1007339	
9	1007340	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2273 Night: 1005

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 2416 Night: 1056

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3750	134.000	0.0000	0.000	0	131.8
2	0.5140	152.600	215.0000	107.000	0	131.8
3	0.1760	166.000	430.0000	107.000	0	131.8
4	1.1850	-109.000	95.0000	167.000	0	131.8
5	1.6250	-90.400	275.1000	124.400	0	131.8
6	0.5550	-77.000	484.5000	116.800	0	131.8
7	1.0000	0.000	190.0000	167.000	0	131.8
8	1.3710	18.600	351.0000	135.000	0	131.8
9	0.4680	32.000	550.2000	124.400	0	131.8

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	31.0	20.0	5150.00
2	63.0	20.0	258.00
3	78.0	30.0	346.00
4	92.0	30.0	351.00
5	107.0	30.0	240.00
6	122.0	30.0	174.00
7	142.0	40.0	145.00
8	162.0	40.0	241.00
9	177.0	30.0	370.00
10	242.0	56.0	322.00
11	255.0	26.0	209.00
12	272.0	36.0	180.00
13	287.0	30.0	241.00
14	304.0	26.0	241.00

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.2940	-89.700	0.0000	0.000	0	131.8
2	0.6350	-82.000	215.0000	107.000	0	131.8
3	0.3660	-66.600	430.0000	107.000	0	131.8
4	0.4530	-11.400	95.0000	167.000	0	131.8
5	1.0000	0.000	275.1000	124.400	0	131.8
6	0.5640	10.500	484.5000	116.800	0	131.8
7	0.2390	79.000	190.0000	167.000	0	131.8
8	0.5210	96.000	351.0000	135.000	0	131.8
9	0.3030	110.200	550.2000	124.400	0	131.8

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	61.7	27.0	100.00
2	79.1	10.0	50.00
3	107.1	30.0	55.00
4	137.3	20.0	53.00
5	161.1	30.0	58.00
6	248.1	24.0	90.00
7	260.5	22.0	74.00
8	273.6	22.0	71.00
9	289.0	8.0	80.00
10	303.9	24.0	58.00
11	317.8	20.0	64.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-135.2	0.232
2	-116.3	0.316
3	-102.5	0.108
4	-18.7	0.729
5	0	1
6	13.4	0.342
7	90.3	0.615
8	108.9	0.843

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
9	122.4	0.288

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-8	0.463
2	0	1
3	15.6	0.577
4	70.3	0.71
5	81.8	1.568
6	92.4	0.885
7	161	0.374
8	177.9	0.815
9	-167.9	0.475

Antenna Monitor: POTOMAC INSTRUMENTS MODEL 1901-9, S/N 693

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

1 The licensee shall perform the measurements described in Section 73.155 at least once within each 24-month period.

2 Waiver of 47 C.F.R. Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level (MDCL) control technology, which reduces transmitter power at certain modulation levels.

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 ***