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June 13, 2005

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VIA E-MAIL

Catherine Seidel, Acting Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

**RE: In the Matter of Improving Public Safety
Communications in the 800 MHz Band
WT Docket No. 02-55
Ex parte presentation**

Dear Ms. Seidel:

On April 15, 2005, AIRPEAK Communications, LLC ("AIRPEAK" or "Company"), along with Airtel Wireless, LLC, submitted a request to the Transition Administrator ("TA") in which the parties sought authority to relocate their 800 MHz Enhanced Specialized Mobile Radio ("ESMR") systems to the current NPSPAC allocation immediately. AIRPEAK subsequently provided copies of that filing to and initiated meetings with various public safety entities within the affected jurisdictions to discuss the proposal. One of the public safety entities with which AIRPEAK met was the County of Washoe, Nevada ("Washoe"). Thereafter, Washoe submitted an *ex parte* presentation to the Commission on June 2, 2005 in which it opposed AIRPEAK's request ("Washoe Filing").

AIRPEAK, of course, is disappointed with the County's position. Other public safety organizations have indicated that they intend to support AIRPEAK's request. However, the Company appreciates that Washoe has important public safety responsibilities and assumes that its decision to oppose AIRPEAK's request was a good faith response based on the County's perception of how best to satisfy those obligations.

Nonetheless, AIRPEAK is compelled to provide clarification or correction of certain statements in Washoe's filing that do not comport with AIRPEAK's records regarding the interference situation in the Reno, Nevada area. To the extent the Washoe filing is intended to influence the TA's and the Commission's decision on AIRPEAK's proposal, it is important that those parties have a complete and accurate record on which to rely.

For example, the Commission might assume from the County's filing that its system is entirely distinct from the operations of Sierra Pacific Power Company ("SPPC") which Washoe acknowledged received interference from AIRPEAK's iDEN network. However, the trunked EDACS system whose mobiles experienced interference is shared by SPPC, Washoe, a number of state and local government users, and Nevada Power Company. It is referred to by those entities as the Nevada Shared Radio System ("NSRS").¹ To the extent AIRPEAK's system caused interference to the NSRS, it was causing interference to public safety operations.

The Company also is puzzled by Washoe's statement that the AIRPEAK interference was insignificant and of no particular concern to the County. In October 2003, Shaun Taylor, one of the County's employees, conducted a test to determine the extent of interference Washoe was receiving from AIRPEAK's operation. The testing was conducted on a real time basis in cooperation with AIRPEAK's employees. Both organizations rotated through their frequencies as Mr. Taylor evaluated the impact on its system. Mr. Taylor stated that he tested the radiofrequency desense to handheld and mobile units operating in the vicinity of AIRPEAK's low, less than one hundred foot rooftop cell site at McCarren House in Sparks, Nevada, while operating mobile units from the County's Slide Mountain tower site.

Mr. Taylor reported that portables experienced a noticeable level of desense when the Company's adjacent channels were on the air. Mobile units experienced even a greater level of desense under the same conditions. As a result of that test, and because of the severity of the interference to the County's mobile operations, Washoe informally requested AIRPEAK not to use its adjacent channels at low level sites in the area. AIRPEAK has complied with that request, although it has meant that up to twelve channels from its limited spectrum supply are not usable at a substantial number of its low-level Reno sites.

Several months later an interference problem developed with mobiles and base stations on the NSRS reporting receive desense around the Chimney Peak site, a site also being used by AIRPEAK. The Company had a substantial incentive to resolve the problem as it had invested in excess of Fifty Thousand Dollars (\$50,000) to deploy its network at the site. Unfortunately, it was unsuccessful in eliminating the interference. AIRPEAK received a formal notification signed by SPPC, dated February 3, 2004, memorializing the decision SPPC, the County and AIRPEAK already had effectuated. SPPC advised AIRPEAK that it must "go black" on all equipment at the site as of January 30, 2004 because of "the interference being caused by said

¹ See Attachment A. The Company would have requested confidential treatment of certain of the information on Attachment A but for the fact that it is available on a website readily available to the public.

equipment to the SPPC radio system and the 800 mhz [sic] system being operated by Washoe County.” The Company was advised that it could attempt to demonstrate that the interference situation could be resolved. However, its subsequent application was denied by letter dated February 12, 2004. (Attachments B and C.)

The Company can only assume that the County had an imperfect recollection of those matters when it described them in its recent filing as of no significant concern to Washoe. AIRPEAK voluntarily acceded to Washoe’s request that the Company not use a substantial number of its channels at low sites in the Reno area and did not attempt to dispute the loss of investment in and use of its Chimney Peak site. It did so because it accepted the County’s determination that it could not tolerate the interference that would be caused by AIRPEAK’s continued operation. It would be most disturbing to find that the County, and SPPC, demanded AIRPEAK’s cooperation for an interference problem they considered “insignificant.”

Finally, AIRPEAK reiterates its position that the relocation of its network to vacant NPSPAC channels will not cause interference to Washoe’s operations or to the operations of the relatively small number of other public safety entities using that spectrum in this area. It will eliminate a documented interference problem² and will allow the parties to avoid a similar situation in the NPSPAC band through careful channel selection based on substantial experience in interference avoidance. AIRPEAK is prepared to take all reasonable steps to demonstrate to the County in advance that the two systems can operate compatibly in the NPSPAC band.³ Given public safety’s minimal use of NPSPAC channels in the NSRS, which appears to be only approximately 10% of the channels deployed at the NSRS sites as identified on Attachment A, versus the NSRS’ extensive use of interleaved 856-860 MHz channels, the portion of the band in which there already has been an interference problem, the Company cannot agree that its relocation to NPSPAC spectrum would increase potential interference in the band.

AIRPEAK understands that Washoe is satisfied with the current situation. The Company has eliminated interference to the County by taking a significant number of AIRPEAK’s channels out of operation and by discontinuing operation entirely at one site. To the extent Washoe was confused about the motivation for AIRPEAK’s request,⁴ it surely can appreciate that the right to use all of its authorized channels provides ample incentive. Therefore, AIRPEAK will continue its efforts to work with the County in identifying an approach that will

² The Washoe Filing states that the interference that did occur was not of the type that the FCC sought to eliminate in this proceeding Washoe Filing at p. 3. The Company does not agree with that statement, but in any event finds it surprising that the County seemingly would find some types of non-co-channel interference to public safety operations acceptable in the band. Other public safety entities likely would not agree.

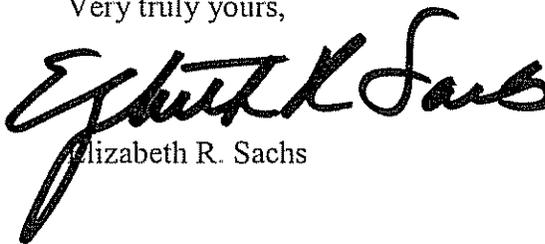
³ While NPSPAC radios may have less deviation than public safety radios used on the lower, interleaved channels, it is AIRPEAK’s understanding that Washoe does not operate NPSPAC-only radios as reportedly all of its control channels and a significant number of its voice channels are in the 856-860 MHz interleaved portion of the 800 MHz band. Thus, while the County may be correct in its evaluation of the technical capabilities of NPSPAC-only radios, it is not clear how that issue would impact this particular situation.

⁴ Washoe Filing at n. 9.

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June 13, 2005
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allow both entities' systems to operate with their full complement of channels and, most important, without interference.

Very truly yours,

A handwritten signature in black ink, appearing to read "Elizabeth R. Sachs". The signature is fluid and cursive, with a large initial "E" and "S".

Elizabeth R. Sachs

Attachments

cc: Robert B. Kelly, Esq.
Alan S. Tilles, Esq.

ATTACHMENT A



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Nevada Shared Radio System System

Various, NV CA

System Name:	Nevada Shared Radio System
Location:	Various, NV CA
County:	5 counties
System Type:	EDACS Networked
System Voice:	Analog
Last Updated:	06-10-2005 22:07 <i>Changed a system text block</i>
Hits:	6216

Latest News Update Posted on 2005-06-10 21:51:06

Frequent changes have been made to the NSRS in southern Nevada, and much of the frequency info listed in the Radio Reference Data Base seems to be outdated. More changes are expected throughout the rest of the year as radio techs make adjustments to "improve" the system for users. This includes moving repeaters from one site to another and in do so, changing LCNs in the process. Changes have been made at the Rio Hotel roof top site.

[Click Here to Display All Past News Updates \(5 Total\)](#)

Misc System Information

The NSRS - Nevada Shared Radio System, as of August 2004 appears to be launching in earnest. Most of the sites here have been altered to reflect those that have been confirmed and those that have yet to be confirmed. Any site number beginning in 9 needs to be confirmed and if you travel to this area would you please confirm the frequencies and report back here as a submission or in the Nevada Forum. Your help is greatly appreciated.

Call signs are normally given as a letter designator(indicating Agency or shift), then a 3-4 digit number(identifying work being done, rank, and individual).

Letter Designators:

A NHP Administrative duty
 B State Brand Inspector
 D NHP Day Shift
 G NHP Graveyard Shift
 JP Juevenile Probation worker
 P Nevada Dept of Parole & Probation
 PV Dept of Prisons Transport Vehicle
 S NHP Swing Shift

Number Series: (NHP)

100's Division Chief/Deputy Chief
 2000's Majors & Captains
 3000's Lieutenants
 4000's Sargeants
 6000's Traffic Enforcement Troopers
 7000's Commercial Vehicle Enforcement Troopers
 9000's Civillian Employees

Examples:

- (S)am 6242 is a regular traffic enforcement trooper on Swing Shift
- (D)avid 7340 is a commercial vehicle trooper on day shift
- (A)dam 4289 is a Sergeant on administrative duty

System Frequencies

Red* are Primary Control Channels, Blue* are alternate control channels

Site	Description								
009	<u>Eagle Mountain</u>	⁰¹ 856.4375*	02 857 4375	03 858.4375					
011	<u>Eagle Ridge</u>	⁰¹ 854.9875*	02 856 7625	03 858.7625					
022	<u>Carson City - Mc Clellan Peak</u>	⁰¹ 856.9625*	⁰² 857.9625*	03 858 9625	04 855.9625	05 859.9625			
024	<u>Peavine</u>	⁰¹ 855.4625*	02 856.4875	03 858.4375					
025	<u>Dayton</u>	⁰¹ 856.7125*	02 857 7125	03 858 7125					
026	<u>Red Peak</u>	⁰¹ 855.9875*	02 859 4375	03 860.9625	04 855.7125	05 860.7375			
029	<u>Fallon/Fairview</u>	⁰¹ 855.7375*	02 856.9375	03 859.2125					
030	<u>Toulon Peak</u>	01 858.2125	02 859.2125	03 860.2125					
052	<u>Lovelock</u>	⁰¹ 858.2125*	02 859.2125	03 860.2125					
053	<u>Winnemucca</u>	⁰¹ 856.4625*	02 857 4625	03 858 4625					
054	<u>Elko</u>	⁰¹ 856.9625*	02 857 9625	03 858 9625					
055	<u>Golconda</u>	⁰¹ 856.2625*	02 857.2625	03 858.2625					
056	<u>Currie</u>	⁰¹ 858.2125*	02 859 2125	03 860.2125					
059	<u>Oasis</u>	⁰¹ 856.2625*	02 857 2625	03 858 2625					
200	<u>Elko - North (East Twin Peak)</u>	⁰¹ 855.2125*	02 856 2125	03 857 2125	04 850.4625				
9002	<u>Slide Mountain</u>	01 855 9875	⁰² 859.4375*	03 860.9625					
9003	<u>Las Vegas</u>	01 854.9625	02 855.4625	03 855.9875	04 856.4875	05 857.2125	06 858.2125	07 859.21	
		08 859.7125	09 860.2125	10 860.7125	11 856.2375	12 856.9625	13 858.4375	14 859.43	
		15 860.9625							
9004	<u>Denio</u>	01 858.2125	02 859.2125	03 860.2125					
9005	<u>Eureka (West)</u>	01 855.2125	02 856.2125	03 857.2125					
9006	<u>Ely East</u>	01 856.7125	02 857.7125	03 858.7125					
9008	<u>Carlin (West)</u>	01 856.4625	02 857.4625	03 858.4625					
9009	<u>Beatty</u>	01 855.7375	02 856.7375	03 857.7375					
9010	<u>S. Clark County</u>	01 866.2250	02 866.7000	03 867.7500	04 868.1625	05 868.7125			
9011	<u>Jean</u>	01 866.0750	02 866.4250	03 866.8250	04 867.2000	05 867.4250	06 868.1000	07 868.36	
		08 868.6250							
9012	<u>Laughlin</u>	01 866.2875	02 866.8750	03 867.3250	04 868.2375	05 868.5250	06 868.8000		
9013	<u>NW Clark County</u>	01 866.0750	02 866.4250	03 866.8250	04 867.2000	05 867.4250	06 868.1000	07 868.36	
		08 868.6250							

9014	<u>Sloan</u>	01 855.7375	02 857.4375*	03 858.2625	04 860.2375	05 866.2875	06 866.8750	07 868.23
		08 868.5250						
9016	<u>Olympic Valley (CA-Placer Co)</u>	01 856.2375	02 856.9625*	03 857.9625				
9017	<u>S Lake Tahoe (CA)</u>	01 855.7375	02 856.7375	03 857.7375				
9027	<u>Patrick</u>	01 856.4375	02 856.7125	03 857.4375	04 857.7125	05 858.7125		
9031	<u>Hawthorne</u>	01 856.9375	02 857.9375	03 858.9375				
9032	<u>Amargoso Valley</u>	01 856.2625	02 857.2625	03 858.2625				
9035	<u>Wellington</u>	01 856.4625	02 857.4625	03 858.4625				
9036	<u>Portola (CA)</u>	01 857.9625	02 858.9625	03 859.9625				
9037	<u>Baker</u>	01 856.2625	02 857.2625	03 858.2625				
9038	<u>Truckee (CA)</u>	01 856.7125*	02 857.7125	03 858.7125				
9039	<u>Homewood (CA)</u>	01 856.4625*	02 857.4625	03 858.4625				
9040	<u>Pahrump/Johnny</u>	01 856.9625*	02 857.7125	03 858.7125				
9041	<u>Lida</u>	01 856.9625*	02 857.9625	03 858.9625				
9042	<u>N. Las Vegas</u>	01 856.7375*	02 857.7375	03 858.7375	04 859.7375	05 860.7375		
9043	<u>St. George, Utah</u>	01 856.4625*	02 857.4625	03 858.4625				
9044	<u>Alamo</u>	01 856.7125*	02 857.7125	03 858.7125				
9045	<u>Rachel</u>	01 855.2125*	02 856.2125	03 857.2125				
9046	<u>Ely West</u>	01 856.7375*	02 857.7375	03 858.7375				
9047	<u>Eureka East</u>	01 856.7125*	02 857.7125	03 858.7125				
9048	<u>Currant</u>	01 858.2125*	02 859.2125	03 860.2125				
9049	<u>Hawthorne (West)</u>	01 858.2125*	02 859.2125	03 860.2125				
9050	<u>Crystal</u>	01 856.9375*	02 857.9375	03 858.9375	04 858.9625			
9051	<u>Potosi Mountain</u>	01 856.9375*	02 857.9375	03 858.9375*				
9055	<u>West Wendover</u>	01 855.2125*	02 856.2125	03 857.2125				
9057	<u>Contact</u>	01 855.2125*	02 856.2125	03 857.2125				
9058	<u>Owyhee</u>	01 858.7125*	02 859.7125	03 860.7125				
9061	<u>Tahoe City</u>	01 856.7125	02 857.7125	03 858.7125				
9062	<u>Overton/Glendale</u>	01 855.2125*	02 857.2625	03 857.7125	04 858.7125			
9063	<u>Angel Peak</u>	01 856.4625*	02 857.4625	03 858.4625				
9064	<u>Verdi</u>	01 856.4625*	02 857.4625	03 858.4625				
9065	<u>Carlin (East)</u>	01 856.7125*	02 857.7125	03 858.7125	04 859.7125			
9066	<u>Battle Mountain (East)</u>	01 858.7125*	02 859.7125	03 860.7125				

9067	Battle Mountain (East)	01 856.9375*	02 857 9375	03 858 9375				
9068	Battle Mountain (West)	01 855.2125*	02 856.7125	03 857.7125				
9069	Mina (East)	01 856.2625*	02 857.2625	03 858.2625				
9070	Mina (West)	01 856.7125*	02 857.7125	03 858.7125				
9071	Goldfield	01 856.4625*	02 857.4625	03 858.4625				
9072	Tonopah	01 856.7375*	02 857.7375	03 858.7375	04 859.7375			
9073	Round Mountain	01 856.7125*	02 857.7125	03 858.7125				
9074	Warm Springs	01 856.9375*	02 857.9375	03 858.9375				
9075	Eureka (Central)	01 855.7375	02 856.7375	03 857.7375				
9076	Pioche (East)	01 856.9625*	02 857.9625	03 858.9625				
9077	Pioche (North)	01 855.2125*	02 856.2125	03 857.2125				
9078	Wells	01 856.4625	02 857.4625	03 858.4625				
9079	Austin	01 856.9625	02 857.9625	03 858.9625				
9080	Elko West	01 855.2125	02 856.2125	03 858.2125				
9081	Primm	01 866.0750	02 866.4250	03 866.8250	04 867.2000	05 867.4250	06 868.1000	07 868.36
		08 868.6250						
9082	Lamoille	01 854.9625	02 855.9625	03 856.7625	04 857.7625			
9083	Tempiute - Rachael	01 856.4625	02 857.4625	03 858.4625	04 859.4625			
9084	Ruby Lake	01 855.4875	02 858.2125	03 859.2125	04 860.2125			
9085	New Pass	01 856.4625	02 857.4625	03 858.4625	04 859.4625			
9086	Carvers	01 856.7125	02 857.7125	03 858.7125	04 859.7125			
9087	Virginia Peak	01 855.7375	02 856.7375	03 860.4375				
9091	Peeve	01 856.4625	02 857.4625	03 858.4625	04 859.2625			
9092	Elko Mtn.	01 856.9625	02 857.9625	03 858.9625	04 855.9625	05 859.9625		
9093	Mary's Mtn.	01 856.7125	02 857.7125	03 858.7125	04 859.7125			

System Talkgroups

Updated in the last 7 days Updated in the last 24 hours [List All](#) in one table

Highway Patrol Talkgroups

DEC	AFS	Description
652	05-014	Car-to-Car
653	05-015	Car-to-Car
660	05-024	State Parks
721	05-101	Elko (Ch. 1?)
737	05-121	LV-1 (Las Vegas North)
738	05-122	LV-2 (Las Vegas South)
739	05-123	LV-3 (Las Vegas Rural - "LV Urban 3")
740	05-124	LV-4 (Las Vegas Parole and Probation)
741	05-125	LV Tac-1 (Las Vegas North)
742	05-126	LV Tac-2 (Las Vegas South)
743	05-127	LV Tac-3 (Las Vegas)

744	05-130	LV Tac-4 (Las Vegas Accident Investigation/Traffic Control)
753	05-141	RN-1 (Reno-1)/Traffic
754	05-142	RN-2 (Reno-2)
755	05-143	RN-3 (Reno-3)
756	05-144	RN-4 (Reno-4)
757	05-145	RN Tac-1 (Reno)
758	05-146	RN Tac-2 (Reno)
759	05-147	RN Tac-3 (Reno)
1033	08-011	Patches Public Safety Talkgroups together used mostly at night and on weekends
1034	08-012	Patches Public Safety Talkgroups together used mostly at night and on weekends
1035	08-013	Patches Public Safety Talkgroups together used mostly at night and on weekends
1036	08-014	Patches Public Safety Talkgroups together used mostly at night and on weekends
1037	08-015	Patches Public Safety Talkgroups together used mostly at night and on weekends
1038	08-016	Las Vegas
1060	08-044	Patches Public Safety Talkgroups together used mostly at night and on weekends

Department of Transportation (NDOT) Talkgroups

DEC	AFS	Description
785	06-021	Las Vegas
786	06-022	Las Vegas
787	06-023	
788	06-024	Mount Charleston Area
789	06-025	
791	06-027	
793	06-031	Searchlight
794	06-032	Mountain Springs
795	06-033	
796	06-034	Alamo
797	06-035	Glendale and Unit-to-Unit
798	06-036	Panaca
802	06-042	
833	06-081	
881	06-141	
895	06-157	RWIS data?

Nevada Power Talkgroups

DEC	AFS	Description
1027	08-003	
1041	08-021	
1057	08-041	Meters
1058	08-042	
1069	08-055	
1073	08-061	
1081	08-071	
1082	08-072	Laughlin
1089	08-081	Distribution
1113	08-111	
1121	08-121	
1122	08-122	

1129	08-131	
1130	08-132	Trouble Desk
1131	08-133	Repair
1132	08-134	
1137	08-141	Meter Readers
1138	08-142	
1145	08-151	
1146	08-152	
1147	08-153	

Nevada Taxi Cab Authority Talkgroups

DEC	AFS	Description
766	05-156	Car-to-Car
767	05-157	Dispatch

Sierra Pacific Power Co. (SPPCo) Talkgroups

DEC	AFS	Description
913	07-021	ESCC 1 (SYSTEM CONTROL)
914	07-022	DISPATCH
915	07-023	RNO ELECT
916	07-024	TRANSMISSION
917	07-025	DIESEL
918	07-026	ELEC MTR
919	07-027	TMD MTRD
920	07-030	GENERAL CONSTRUCTION
921	07-031	PROJECT CONSTRUCTION
922	07-032	SAFETY AND TRAINING
924	07-034	TELECOM
925	07-035	TREETRIM
926	07-036	WIREPULL
927	07-037	STORM 1
929	07-041	SECURITY
930	07-042	SP ADMIN
931	07-043	INFOSVCS
932	07-044	FACILITY
933	07-045	FLEET SVCS
934	07-046	SPPC EMS
935	07-047	RNO WHSE
936	07-050	REVENUE PROTECTION
937	07-051	SURVYMAP
943	07-057	STORM 2
947	07-063	FG CONSTRUCTION
961	07-081	ESCC 2 (SYSTEM CONTROL)
962	07-082	YERINGTON
963	07-083	HAWTHORN
964	07-084	TONOPAH
965	07-085	LOVELOCK
966	07-086	WINNEMUCCA
967	07-087	BATTLE MTN

968	07-090	ELKO
969	07-091	FALLON
970	07-092	SO. LAKE TAHOE
971	07-093	NO. LAKE TAHOE
972	07-094	CARSON ELECTRIC
973	07-095	PORTOLA
975	07-097	STORM 3
977	07-101	CARSON METER
978	07-102	SO. LAKE TAHOE METER
979	07-103	NO. LAKE TAHOE METER
1009	07-141	SPMUTAID
1010	07-142	DEMO
1011	07-143	RADIO SHOP

University of Nevada, Las Vegas (UNLV) Talkgroups

DEC	AFS	Description
1417	11-011	Alarm Technicians
1418	11-012	
1433	11-031	Maintenance
1441	11-041	Grounds
1469	11-075	Operations
1481	11-091	Police - Dispatch
1489	11-101	Parking Enforcement
1491	11-103	
1494	11-106	
1505	11-121	Maintenance

Radio Services Talkgroups

DEC	AFS	Description
421	03-045	Radio Equipment - Testing
881	06-141	Radio Technicians (local radio checks and statewide conversations)

Washoe County Talkgroups

DEC	AFS	Description
401	03-021	Reno Fire
723	05-103	Sheriff Dept.

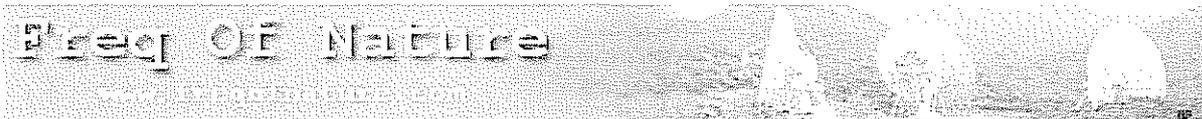
Other Talkgroups

DEC	AFS	Description
748	05-134	Nevada Youth Parole Board?
913	07-021	Control
924	07-034	power co
945	07-061	power co? Reno 63
972	07-094	data?



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FREQUENCIES	RESOURCES	SCANNING LAWS	ONLINE CADS	DATABASES	SOFTWARE	
TEAMSPEAK	TALK GROUPS	PHOTOS	AUDIO	WEB LINKS	STORE	FORUM
NORTH COAST		NORTHERN CALIFORNIA		CENTRAL CALIFORNIA		

NEVADA

NEVADA

CLARK COUNTY

NEVADA SHARED RADIO SYSTEM

WASHOE COUNTY

Nevada Shared Trunked System Frequencies

NEVADA HIGHWAY PATROL
NEVADA SHARED RADIO SYSTEM

This is an EDACS trunked radio system. Programming requires that the frequencies be programmed in frequency order.

SEARCH

FREQUENCY BOOKS



Site #	Location	Frequencies
1	Peavine	855.4625 856.4875 858.4375
2	Red Peak/Slide	855.9875 859.4375 860.9625
3	Las Vegas	854.9625 855.4625 855.9875 856.4875 857.2125 858.2125 859.2125 859.7125 860.2125 860.7125 856.2375 856.9625 858.4375 859.4375 860.9625
4	Denio	858.2125 859.2125 860.2125
5	Eureka (West)	855.2125 856.2125 857.2125
6	Ely East	856.7125 857.7125 858.7125
8	Carlin (West)	856.4625 857.4625 858.4625
9	Beatty	855.7375 856.7375 857.7375
10	S. Clark County	866.2250 866.7000 867.7500 868.1625 868.7125
11	Jean	866.0750 866.4250 866.8250 867.2000 867.4250 868.1000 868.3625 868.6250
12	Laughlin	866.2875 866.8750 867.3250 868.2375 868.5250 868.8000
13	NW Clark County	866.0750 866.4250 866.8250 867.2000 867.4250 868.1000 868.3625 868.6250
14	Sloan (North)	866.2875 866.8750 867.3250 868.2375 868.5250 868.8000
15	Sloan (West)	855.2125 855.7375 857.4375 858.2625 858.4875 860.2375
16	Olympic Valley	856.9625 855.9625 857.9625
17	S. Lake Tahoe	855.7375 856.7375 857.7375
18	Beckwith Peak	857.9625 858.9625 859.9625
22	Nixon	855.7375 856.7375 860.4375

24	Reno (North 1)	855.7125	860.7125			
26	Reno (North 2)	855.9875	855.7125	859.4375	860.7375	860.9625
27	Patrick	856.4375	856.7125	857.4375	857.7125	858.7125
28	Eagle Ridge	854.9875	856.7625	858.7625		
29	Fallon/Fairview	855.7375	856.9375	859.2125		
30	Toulon Peak	858.2125	859.2125	860.2125		
31	Hawthorne	856.9375	857.9375	858.9375		
32	Amargoso Valley	856.2625	857.2625	858.2625		
33	Carson City	855.9625	856.9625	857.9625	858.9625	859.9625
34	Dayton	856.7125	857.7125	858.7125		
35	Wellington	856.4625	857.4625	858.4625		
36	Portola	857.9625	858.9625	859.9625		
37	Baker	856.2625	857.2625	858.2625		
38	Truckee, Calif.	856.7125	857.7125	858.7125		
39	Homewood, Calif.	856.4625	857.4625	858.4625		
40	Pahrump/Johnny	856.9625	857.7125	858.7125		
41	Lida	856.9625	857.9625	858.9625		
42	N. Las Vegas (Apex)	856.7375	857.7375	858.7375	859.7375	860.7375
43	St. George, Utah	856.4625	857.4625	858.4625		
44	Alamo	856.7125	857.7125	858.7125		
45	Rachel	855.2125	856.2125	857.2125		
46	Ely West	856.7375	857.7375	858.7375		
47	Eureka East	856.7125	857.7125	858.7125		
48	Currant	858.2125	859.2125	860.2125		
49	Hawthorne (West)	858.2125	859.2125	860.2125		
50	Crystal	856.9375	857.9375	858.9375	858.9625	
51	Potosi Mountain	856.9375	857.9375	858.9375		
52	Lovelock	858.2125	859.2125	860.2125		
53	Winnemucca	856.4625	857.4625	858.4625		
54	Elko	856.9625	857.9625	858.9625		
55	West Wendover	855.2125	856.2125	857.2125		
56	Curry	858.2125	859.2125	860.2125		
57	Contact	855.2125	856.2125	857.2125		
58	Owyhee	858.7125	859.7125	860.7125		
59	Oasis	856.2625	857.2625	858.2625		
60	Sparks	856.4375	857.4375	858.4375		
61	Tahoe City	856.7125	857.7125	858.7125		
62	Overton/Glendale	855.2125	857.2625	857.7125	858.7125	
63	Angel Peak	856.4625	857.4625	858.4625		
64	Verdi	856.4625	857.4625	858.4625		

65	Carlin (East)	856.7125	857.7125	858.7125	859.7125
66	Battle Mountain (East)	858.7125	859.7125	860.7125	
67	Battle Mountain (East)	856.9375	857.9375	858.9375	
68	Battle Mountain (West)	855.2125	856.7125	857.7125	
69	Mina (East)	856.2625	857.2625	858.2625	
70	Mina (West)	856.7125	857.7125	858.7125	
71	Goldfield	856.4625	857.4625	858.4625	
72	Tonopah	856.7375	857.7375	858.7375	859.7375
73	Round Mountain	856.7125	857.7125	858.7125	
74	Warm Springs	856.9375	857.9375	858.9375	
75	Eureka (Central)	855.7375	856.7375	857.7375	
76	Pioche (East)	856.9625	857.9625	858.9625	
77	Pioche (North)	855.2125	856.2125	857.2125	
78	Wells	856.4625	857.4625	858.4625	
79	Austin	856.9625	857.9625	858.9625	
80	Elko West	855.2125	856.2125	858.2125	
81	Primm	866.0750	866.4250	866.8250	867.2000 867.4250 868.1000 868.3625 868.6250

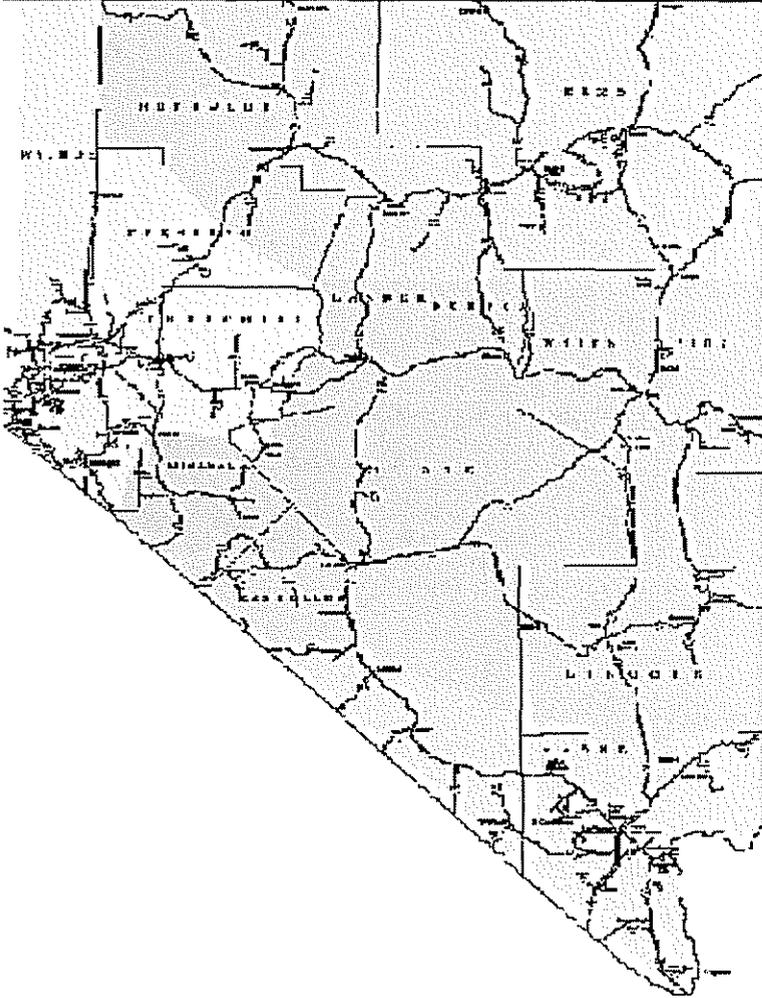
Nevada Department of Public Safety

Decimal AFS Description

401	03-021	Reno Fire Department
651	05-013	Nevada Divison of Forestry
652	05-014	Probation & Parole - Reno
653	05-015	Probation & Parole - Las Vegas
660	05-024	Nevada Department of Corrections
721	05-101	Nevada Highway Patrol - BM 1 - Battle Mountain
722	05-103	Washoe Sheriff's Department
737	05-121	Nevada Highway Patrol - Las Vegas 1 - North Dispatch
738	05-122	Nevada Highway Patrol - Las Vegas 2 - South Dispatch
739	05-123	Nevada Highway Patrol - Las Vegas 3 - Rural Dispatch
740	05-124	DPS [Department of Public Safety] - Allied Dispatch
741	05-125	Nevada Highway Patrol - Las Vegas - Tac 1 [North]
742	05-126	Nevada Highway Patrol - Las Vegas - Tac 2 [South]
743	05-127	Nevada Highway Patrol - Las Vegas - Tac 3
744	05-130	Nevada Highway Patrol - Las Vegas - Tac 4 [Traffic Control]
746	05-132	Nevada Highway Patrol - Radio Techs
753	05-141	Nevada Highway Patrol - RN 1 - Reno 1
754	05-142	Nevada Highway Patrol - RN 2 - Reno 2
755	05-143	Nevada Highway Patrol - RN 2 - Reno 3
756	05-144	Nevada Highway Patrol - RN 2 - Reno 4
757	05-145	Nevada Highway Patrol - Reno - Tac 1
758	05-146	Nevada Highway Patrol - Reno - Tac 2

- 759 05-147 Nevada Highway Patrol - Reno - Tac 3
- 766 05-156 Taxicab Authority - F3
- 767 05-157 Taxicab Authority - Dispatch

Nevada Highway Patrol Commands & Substations



Northern Command - Reno	Central Command - Elko	Southern Command - Las Vegas
Substations	Substations	Substations
Carson City	Alamo	Glendale
Fallon	Battle Mountain	Indian Springs
Fernley	Ely	Laughlin
Lovelock	Eureka	Pahrump
Minden	Hawthorne	Primm
Yerington	Jackpot	
	Pioche	
	Tonopah	
	Wells	
	Wendover	
	Winnemucca	

Nevada Department of Transportation

Decimal	AFS	Description
777	06-011	Help Channel
785	06-021	Las Vegas Maintenance
786	06-022	Las Vegas Construction
787	06-023	Las Vegas Office
788	06-024	Las Vegas Shop
789	06-025	Las Vegas Ops 1
790	06-026	Las Vegas Ops 2
791	06-027	Las Vegas Ops 3
793	06-031	Searchlight
794	06-032	Mt. Springs
795	06-033	Mt. Charleston
796	06-034	Alamo
797	06-035	Glendale
798	06-036	Panaca
799	06-037	NHP
802	06-042	Active
833	06-081	Active
881	06-141	Radio Techs
890	06-152	Reno Roads
895	06-157	Active

Sierra Pacific Power Company

Decimal	AFS	Description
913	07-021	ESCC 1 - System Control
914	07-022	Dispatch
915	07-023	RNO Elect
916	07-024	Transmission
917	07-025	Diesel
918	07-026	Elec MTR
919	07-027	TMD MTRD
920	07-030	General Construction
921	07-031	Project Construction
922	07-032	Safety & Training
924	07-034	Telecom
925	07-035	Treerim
926	07-036	Wirepull
927	07-037	Storm 1
929	07-041	Security
930	07-042	SP Admin
931	07-043	Info Services
932	07-044	Facility
933	07-045	Fleet Services
934	07-046	SPPC EMS
935	07-047	Reno Warehouse
936	07-050	Revenue Protection

937	07-051	Survey Map
943	07-057	Storm 2
947	07-063	FG Construction
961	07-081	ESCC 2 - System Control
962	07-082	Yerington
963	07-083	Hawthorn
964	07-084	Tonopah
965	07-085	Lovelock
966	07-086	Winnemucca
967	07-087	Battle Mountain
968	07-090	Elko
969	07-091	Fallon
970	07-092	South Lake Tahoe
971	07-093	North Lake Tahoe
972	07-094	Carson Electric
973	07-095	Portola
975	07-097	Storm 3
977	07-101	Carson Meter
978	07-102	South Lake Tahoe Meter
979	07-103	North Lake Tahoe Meter
1009	07-141	SP Mutual Aid
1010	07-142	Demo
1011	07-143	Radio Shop

Nevada Power Company

Decimal	AFS	Description
1027	08-003	Active
1041	08-021	TAB 1
1049	08-031	TAB 2
1057	08-041	Meter SH
1058	08-042	MPC 1
1059	08-043	MPC 2
1065	08-051	Distribution
1069	08-055	Security
1073	08-061	Las Vegas Construction
1081	08-071	Henderson Construction
1082	08-072	Laughlin
1089	08-081	Warehouse
1097	08-091	SV Construction
1113	08-111	Active
1116	08-114	Trans MA
1121	08-121	Plant
1122	08-122	Active
1129	08-131	Distribution - East
1130	08-132	Distribution - West
1131	08-133	Trouble Desk
1132	08-134	Transmission

1137	08-141	Meter 1
1138	08-142	Meter 2
1145	08-151	LF Construction
1147	08-153	Active
1152	09-000	Ops 8
1169	09-021	Premie 1
1170	09-022	Premie 2
1177	09-031	Ops 3
1178	09-032	Ops 4
1179	09-033	Security
1180	09-034	Ops 5
1181	09-035	Ops 6
1185	09-041	Maintenance Ops
1193	09-051	Subs - Ops
1194	09-052	Survey
1195	09-053	Ops 7
1196	09-054	LP-1
1197	09-055	LP-2
1273	09-151	FH Service

University of Nevada - Las Vegas

Decimal	AFS	Description
1417	11-011	Active
1418	11-012	HAZMAT
1425	11-021	Active
1433	11-031	Maintenance
1441	11-041	Buildings & Grounds Operations
1465	11-071	Maintenance
1467	11-073	Public Safety
1469	11-075	Operations
1470	11-076	Grounds
1481	11-091	Law Enforcement - Patrol 1
1482	11-092	Law Enforcement - Patrol 2
1483	11-093	Sam Boyd
1484	11-094	Thomas & Mack Center Operations
1486	11-096	Law Enforcement - Tactical
1489	11-101	Concessions
1490	11-102	Security
1491	11-103	Law Enforcement - Car to Car
1494	11-106	Active
1505	11-121	Maintenance

Special thanks to John Shagath <http://home.wi.rr.com/jts203/> for contributing information

Special thanks to Michael Burke for contributing information

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comments@freqofnature.com

ATTACHMENT B



CONTRACTS SERVICES SECTION
P.O. Box 10100
6100 Neil Road
Reno, NV 89520-0026

February 3, 2004

Mr. Jim Falroloth
USA Media One, LLC
6490 South McCarran Blvd., Suite 22
Reno, NV 89509

&

Mr. Steve Sixberry
Airpeak Communications, LLC
4690 Longley Lane
Reno, NV 89502

Gentlemen:

This letter is to serve as acknowledgement of and concurrence with the decisions that were reached during the meeting held at Sierra Pacific Power Company on Friday, January 30, 2004. The decisions reached were regarding the status of Airpeak Communication's (previously known as Nevada Wireless, LLC) communications equipment located at the SPPC Chimney Peak site and the interference being caused by said equipment to the SPPC radio system and the 800mhz system being operated by Washoe County. The following provisions must be met before any further communication can occur from the Airpeak Communications equipment:

- Airpeak Communications must turn off and "go black" on all equipment located at the Chimney Peak or that operates equipment located at the Chimney Peak site not later than 5:00 PM January 30, 2004.
- Airpeak Communications must submit an application, with fees, to SPPC in order to start the process to review the feasibility of restarting Airpeak Communications equipment located at the Chimney Peak site.
- No communication activity may occur from the site without the express prior permission of SPPC and the other co-located Nevada Shared Radio System ("NSRS") partners. It is understood that Airpeak Communications will have to power up for specific short periods of time to conduct tests on their system as part of the application. No commercial use of the site is authorized at any time during these tests. SPPC and the NSRS partners must be notified at the start and conclusion of each test period.

- Airpeak Communications must submit engineering studies and whatever other technical data is required of SPPC and the NSRS partners. SPPC and the NSRS partners must concur, in whole, that the application mitigates entirely, any interference with their communications.
- Airpeak Communications will reimburse SPPC for any costs associated with this application. Fees will be billed at cost plus 15%. Labor costs will be fully burdened.
- The Sub-lease Agreement between Media One, LLC. And Airpeak Communications, LLC. Will be terminated.
- Airpeak Communications must agree that any future interference which occurs at the site will require Airpeak Communications to immediately go dark at the Chimney Peak Site.

This letter is not a waiver of SPPC's right to deny access to a site due to operational or safety considerations or concerns. Please contact me within five (5) days of receipt of this letter if you disagree with any of the provisions shown above.

Sincerely,



Danny N. Hawkins, G.P.M.
Team Leader Contract Services
Sierra Pacific Power Company
(775) 834-3993

ATTACHMENT C



Sierra Pacific™

Contract Services, 6100 Nail Road, Reno, NV 89511, P.O. Box 10100, Reno, NV 89520-0024

February 12, 2004

Mr. Steve Sixberry
Airpeak Communications, LLC
4690 Longley Lane, Suite 25
Reno, NV 89502

Dear Mr. Sixberry,

This letter is to serve as notice to Airpeak Communications that the review of your application #01302004 to install and operate an 800 Mhz EBTS radio system from Chimney Peak has been completed.

Sierra Pacific Power Co. is obligated to its Nevada Shared Radio System partners and Washoe Country Regional Radio System members to preserve the radio frequency integrity of the Chimney Peak site. Due to the critical nature radio communications carried by these two systems, their reliability and operability cannot be compromised. Our determination is based on a review of United Telecommunications Council's documentation of national level problems associated with the 800 Mhz band as well as the compatibility of the technology proposed by Nevada Wireless LLC with analog 800 Mhz EDACS Trunked Radio systems on Chimney Peak. The FCC designates both the existing systems as Public Safety radio systems and designates your proposed system as a commercial one. Therefore the Nevada Wireless application is denied. We are returning your check for \$175.00 herewith.

At some future time when the national incompatibility issues between the two technologies are satisfactorily resolved at the national level, the application can be resubmitted.

Sincerely,

Diane Glocksen
Contract Consultant

Enclosure: Application Check #22587

CERTIFICATION

I, Steven Sixberry, say under penalty of perjury, that the following is true and correct:

1. That I have read the attached "Ex parte presentation";
2. That all of the information contained therein is true and correct to the best of my knowledge, information and belief.

Name: Steven R. Sixberry
Title: Network Engineer
AIRPEAK Communications, LLC

Date: JUNE 13, 2005