

Ms. Amy Zoslov
Chief, Auctions and Industry Analysis Division,
Wireless Telecommunications Bureau,
Federal Communications Commission
2025 M Street N.W. Room 5202
Washington, D.C. 20554

Ref: IRAC Doc. 30741/1 Wireless Telecommunications Action (July 14, 1998)
FCC Adopts Auction Rules For LMS Services (PR Docket No. 93-61)

Ref: PUBLIC NOTICE, Location and Monitoring Service Spectrum Auction Scheduled
For December 15, 1998 (DA 98-1616, August 13, 1998)

Dear Ms. Zoslov,

The purpose of this letter is to provide basic information on primary Federal spectrum usage and spectrum requirements so that prospective bidders would be put on notice in the upcoming spectrum auctions of the 902-928 MHz band. We requested that this letter be provided to the prospective bidders in the bidders package and in any further public notice in regards to this auction.

The 902-928 MHz band has been identified for the future auction of Location and Monitoring Service (LMS) licenses. Within the United States and Possessions (US&P), the 902-928 MHz band is allocated on a *primary* basis to the Federal Government radiolocation service. By a footnote to the U.S. Table of Frequency Allocations (FN US218), the 902-928 MHz band is made available for LMS systems subject to *not* causing harmful interference to, and *tolerating* interference from, the operations of all Government stations authorized in this band. Furthermore, LMS systems *must tolerate* interference from the operations of industrial, scientific, and medical (ISM) devices. Also of note, numerous Part 15 devices operate throughout the US&P in this band.

The primary Federal use of this band is for tracking radars, threat simulators, drone control, radar cross section measurement, wind profiler radars and low power devices. This band is used predominantly for military radiolocation systems that tune through the entire 902-928 MHz band. The Navy operates the AN/SPS-49(V) high power air-search radar onboard a variety of ships including all aircraft carriers and at several shore stations. The normal operating areas are littoral waters and the contiguous land mass extending 30 nautical miles inland. These modern all-solid state radars serve a critical role in the defense of the fleet, and since a large number (approx. 115) have been deployed in the fleet, it is likely that operations will continue for the foreseeable future. The Air Force uses the 902-928 MHz band to track missiles at test ranges, a capability that is important because it provides real-time tracking capability of manned and unmanned vehicles in

test and training areas. The High Accuracy Multiple Object Tracking System (HAMOTS) consists of numerous ground radars and airborne transponders used throughout Arizona, California, Colorado, Nevada and Utah. The operating altitude of HAMOTS-equipped aircraft will typically extend to 35,000 feet, potentially illuminating locations up to 230 nautical miles from the operating areas. The Air Force has indicated that these operations will continue for the foreseeable future and may deploy other high power airborne radars in this band. The Department of Defense, the National Oceanic and Atmospheric Administration, and the National Science Foundation currently operate wind profiler radars in the 902-928 MHz band specifically at 915 MHz (\pm 10 MHz). Wind profiler radars are sensitive Doppler radars that measure wind speed and direction at a variety of altitudes to collect atmospheric data usable in aviation, meteorology and in environmental studies. Unlike wind profilers that operate in lower bands and are located at sites selected to minimize the possibility of interaction with other systems, the wind profiler systems in the 902-928 MHz band are generally transportable and therefore can virtually operate anywhere in the US&P. The Government wind profiler radars were authorized for use in this band in 1992 and their proliferation and use is expected to continue indefinitely.

Several of the systems discussed in the previous paragraph have safety-of-life functions and National Security implications. The 902-928 MHz band has unique propagation characteristics that require these systems to continue to have primary status and assured access to this critical spectrum. The NTIA is concerned that the referenced public notices do not address Government operations in the band and may give the incorrect impression that the band is a non-Government exclusive band. In fact it is a Government primary band, and non-Government use is subject to not interfering with and tolerate interference from all authorized Government services. Thus, prospective bidders should be aware of Government operations in this band in order to design their systems to be compatible with the Government systems.

The NTIA is currently compiling technical and deployment information on several of the major Federal systems in this spectrum including those discussed above. This information will be useful for potential LMS bidders in the upcoming auction and will be provided in sufficient time for the prospective bidder to take into account.

Mr. William Druhan will be the NTIA contact point for addressing the issues raised above (phone 202-482-3529; fax 202-482-2830; email wdruhan@ntia.doc.gov).

Sincerely,

William T. Hatch
Acting Associate Administrator
Office of Spectrum Management

cc: Mr. Daniel Phythyon, Chief, Wireless Telecommunications Bureau, FCC
Mr. Dale Hatfield, Chief, Office of Engineering and Technology, FCC

Bidder Alerts: All applicants must certify on their FCC Form 175 applications under penalty of perjury that they are legally, technically, financially and otherwise qualified to hold a license, and not in default on any payment for Commission licenses (including down payments) or delinquent on any non-tax debt owed to any Federal agency. Prospective bidders are reminded that submission of a false certification to the Commission is a serious matter that may result in severe penalties, including monetary forfeitures, license revocations, exclusion from participation in future auctions, and/or criminal prosecution.

The FCC makes no representations or warranties about the use of this spectrum for particular services. Applicants should be aware that an FCC auction represents an opportunity to become an FCC licensee in this service, subject to certain conditions and regulations. An FCC auction does not constitute an endorsement by the FCC of any particular services, technologies or products, nor does an FCC license constitute a guarantee of business success. Applicants should perform their individual due diligence before proceeding as they would with any new business venture.

As is the case with many business investment opportunities, some unscrupulous entrepreneurs may attempt to use the LMS auction to deceive and defraud unsuspecting investors. Common warning signals of fraud include the following:

- ☞ The first contact is a "cold call" from a telemarketer, or is made in response to an inquiry prompted by a radio or television infomercial.
- ☞ The offering materials used to invest in the venture appear to be targeted at IRA funds, for example by including all documents and papers needed for the transfer of funds maintained in IRA accounts.
- ☞ The amount of the minimum investment is less than \$25,000.
- ☞ The sales representative makes verbal representations that: (a) the Internal Revenue Service ("IRS"), Federal Trade Commission ("FTC"), Securities and Exchange Commission ("SEC"), FCC, or other government agency has approved the investment; (b) the investment is not subject to state or federal securities laws; or (c) the investment will yield unrealistically high short-term profits. In addition, the offering materials often include copies of actual FCC releases, or quotes from FCC personnel, giving the appearance of FCC knowledge or approval of the solicitation.

Information about deceptive telemarketing investment schemes is available from the FTC at (202) 326-2222 and from the SEC at (202) 942-7040. Complaints about specific deceptive telemarketing investment schemes should be directed to the FTC, the SEC, or the National Fraud Information Center at (800) 876-7060. Consumers who have concerns about specific LMS proposals may also call the FCC National Call Center at (888) CALL-FCC ((888) 225-5322).

DUE DILIGENCE

Potential bidders are reminded that LMS operates in the 902-928 MHz frequency band. This band is allocated for primary use by Federal Government radiolocation systems. Next in order of priority are Industrial, Scientific and Medical devices. Federal Government fixed and mobile and LMS systems are secondary to both of these uses. The remaining uses of the 902-928 MHz band include licensed amateur radio operations and unlicensed Part 15 equipment, both of which are secondary to all other uses of the band. Part 15 low power devices include, but are not limited to, those used for automatic meter reading, inventory control, package tracking and shipping control, alarm services, local area networks, internet access and cordless telephones. The amateur radio service is used by technically inclined private citizens to engage in self-training, information exchange and radio experimentation. In the *LMS Report and Order*, the Commission recognized the important contribution to the public provided by Part 15 technologies and amateur radio operators and sought to develop a band plan that would maximize the ability of these services to coexist with LMS systems.

The Commission adopted the *LMS Report and Order* with an eye toward minimizing potential interference within and among the various users of the 902-928 MHz band. The Commission's band plan accordingly permits secondary operations across the entire band by users of unlicensed Part 15 devices and amateur licensees. At the same time, the band plan separates non-multilateration from multilateration LMS systems in all but one subband so as to avert interference. The *LMS Report and Order* also established limitations on LMS systems' interconnection with the public switched network and set forth a number of technical requirements intended to ensure successful coexistence of all the services authorized to operate in the band.

Potential bidders should be aware that certain applications (including those for modification), waiver requests, petitions for reconsideration and applications for review are pending before the Commission that relate to particular incumbent multilateration LMS licensees. We note that resolution of these matters could have an impact on the availability of spectrum for EA licensees. In addition, while the Commission will continue to act on pending applications, requests and petitions, some of these matters may not be resolved by the time of the auction.

Licensing information is contained in the Commission's licensing database, which is available for inspection in the Wireless Telecommunications Bureau's Public Reference Rooms, located at 2025 M Street, N.W., Room 5608, Washington, D.C. 20554, and 1270 Fairfield Road, Gettysburg, PA 17325.

In addition, potential bidders may search for information regarding LMS licensees on the World Wide Web at <http://www.fcc.gov/wtb>. In particular, information can be accessed by downloading databases by selecting "WTB Database Files" (which can be accessed at <http://www.fcc.gov/wtb/databases.html>), or searching on-line by selecting "Search WTB Databases" (<http://gullfoss.fcc.gov:8080/cgi-bin/ws.exe/beta/genmen/index.htm>). Any telephone inquires regarding these matters should be directed to the Technical Support Hotline at (202) 414-1250 (voice) or (202) 414-1255 (text telephone (TTY)).

The Commission makes no representations or guarantees regarding the accuracy or completeness of information that has been provided by incumbent licensees and incorporated into the database. Potential bidders are strongly encouraged to physically inspect any sites located in or near the geographic area for which they plan to bid.

**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

EA	ST	LICENSEE	CALLSIGN	FREQUENCY	ERP	LATITUDE	LONGITUDE
9	PA	CSX TRANSPORTATION INC	KNNN875	920.000	24	394506N	0784417W
10	NJ	MAHER TERMINALS INC	WPDZ672	920.000	32	404000N	0740808W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403831N	0734711W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403837N	0734656W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403839N	0734730W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403848N	0734647W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403855N	0734707W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WNYH342	920.000	7	403942N	0734932W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WPKJ945	919.750	2.6	404243N	0740049W
10	NY	PORT AUTHORITY OF NEW YORK & NEW JERSEY	WPKJ945	920.750	2.6	404243N	0740049W
10	NY	PORT AUTHORITY OF NEW YORK AND NEW JERSEY	WNYH343	920.000	7	403844N	0734731W
10	NY	PORT AUTHORITY OF NEW YORK AND NEW JERSEY	WNYH343	920.000	7	403943N	0734932W
12	DE	CSX TRANSPORTATION INC	KNNV456	920.000	24	394655N	0753017W
12	PA	CSX TRANSPORTATION INC	KNNV456	920.000	24	395541N	0751226W
13	MD	BETHLEHEM STEEL CORPORATION	WPJM519	920.750	4	391349N	0762826W
13	MD	CSX TRANSPORTATION INC	KNNN875	920.000	24	393747N	0784810W
13	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	391617N	0792234W
13	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	393204N	0783851W
13	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	393347N	0784327W
15	VA	CSX TRANSPORTATION INC	KNNP661	920.000	24	373404N	0773707W
15	VA	CSX TRANSPORTATION INC	KNNP661	920.000	24	373713N	0772950W
16	WV	CSX TRANSPORTATION INC	KNNP653	920.000	24	375820N	0804534W
16	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	375820N	0804534W
19	NC	CSX TRANSPORTATION INC	WPKH827	920.000	24	354912N	0775109W
19	NC	CSX TRANSPORTATION INC	WPKH827	920.000	24	355542N	0774801W
19	NC	CSX TRANSPORTATION INC	WPKH827	920.000	24	361936N	0773538W
24	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	335736N	0810314W
24	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	335824N	0810220W
25	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	340614N	0794532W
25	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	341155N	0794542W
25	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	341210N	0794255W
25	SC	CSX TRANSPORTATION INC	KNNQ841	920.000	24	341210N	0794256W
26	SC	AMERICAN FREIGHTWAYS INC	WPH848	920.750	4	325035N	0795742W
26	SC	CSX TRANSPORTATION INC	WPKZ369	920.000	24	325113N	0800158W
26	SC	CSX TRANSPORTATION INC	WPKZ369	920.000	24	325152N	0795952W
26	SC	CSX TRANSPORTATION INC	WPKZ369	920.000	24	325152N	0795957W
27	GA	CSX TRANSPORTATION INC	WPKZ377	920.000	24	332652N	0815549W
27	GA	CSX TRANSPORTATION INC	WPKZ377	920.000	24	332727N	0815733W
27	GA	CSX TRANSPORTATION INC	WPKZ377	920.000	24	332736N	0815754W
28	GA	CSX TRANSPORTATION INC	KNNQ843	920.000	24	315450N	0812147W
28	GA	CSX TRANSPORTATION INC	KNNQ843	920.000	24	320210N	0810757W
28	GA	CSX TRANSPORTATION INC	KNNQ843	920.000	24	320406N	0810820W
28	GA	CSX TRANSPORTATION INC	KNNQ843	920.000	24	320420N	0810845W
29	GA	CSX TRANSPORTATION INC	WPKZ359	920.000	24	311035N	0822336W
29	GA	CSX TRANSPORTATION INC	WPKZ359	920.000	24	311046N	0822335W
29	GA	CSX TRANSPORTATION INC	WPKZ359	920.000	24	311050N	0822334W
29	GA	CSX TRANSPORTATION INC	WPKZ359	920.000	24	311127N	0822312W
29	GA	CSX TRANSPORTATION INC	WPKZ359	921.500	24	311046N	0822335W
29	GA	CSX TRANSPORTATION INC	WPKZ370	920.000	24	310840N	0822739W
29	GA	CSX TRANSPORTATION INC	WPKZ370	920.000	24	311104N	0822013W
29	GA	CSX TRANSPORTATION INC	WPKZ370	920.000	24	311156N	0822216W
29	GA	CSX TRANSPORTATION INC	WPKZ370	920.000	24	311236N	0822125W
29	GA	CSX TRANSPORTATION INC	WPKZ370	920.000	24	311306N	0822223W
30	FL	CSX TRANSPORTATION INC	KNNP655	920.000	24	284759N	0820415W
30	FL	CSX TRANSPORTATION INC	KNNP655	920.000	24	285536N	0820203W
30	FL	LAKES OF MELBOURNE	WPKX924	920.750	4	280242N	0803916W

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(AS OF SEPTEMBER 8, 1998)**

31	FL	DADE, COUNTY OF	WPEA852	920.000	7	254711N	0801600W
31	FL	DADE, COUNTY OF	WPEA852	920.000	7	254736N	0801628W
31	FL	DADE, COUNTY OF	WPEA852	920.000	7	254737N	0801639W
31	FL	DADE, COUNTY OF	WPEA852	920.000	7	254739N	0801639W
31	FL	DADE, COUNTY OF	WPEA852	920.000	7	254741N	0801639W
31	FL	DADE, COUNTY OF	WPEA852	921.000	7	254711N	0801600W
31	FL	J D GERDEMAN ASSOCIATES	WPHW231	920.350	4	261828N	0802035W
31	FL	RINKER MATERIALS CORPORATION	WPKM993	921.500	2.6	255339N	0802331W
35	FL	CSX TRANSPORTATION INC	KNNP655	920.000	24	302550N	0842010W
35	FL	CSX TRANSPORTATION INC	KNNP655	920.000	24	302558N	0841653W
40	GA	AMERICAN PRESIDENT COMPANIES	KNNP529	920.750	4	334836N	0842630W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	333914N	0842659W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	334552N	0841836W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	334647N	0842543W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	334727N	0842604W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	334817N	0842807W
40	GA	CSX TRANSPORTATION INC	WPKH826	920.000	24	334953N	0841601W
40	GA	CSX TRANSPORTATION INC	WPKZ377	920.000	24	335014N	0842807W
41	SC	GREENVILLE, CITY OF	WPMH807	921.489	4	345109N	0822359W
41	SC	GREENVILLE, CITY OF	WPMH807	921.498	4	345109N	0822359W
43	TN	CSX TRANSPORTATION INC	WPKZ367	920.000	24	350046N	0853255W
43	TN	CSX TRANSPORTATION INC	WPKZ367	920.000	24	350115N	0852133W
45	TN	CSX TRANSPORTATION INC	KNNP660	920.000	24	361527N	0821943W
46	NC	AMERICAN FREIGHTWAYS INC	WPHH848	920.750	4	354151N	0811444W
46	NC	CSX TRANSPORTATION INC	KNNP660	920.000	24	355549N	0820648W
47	KY	CSX TRANSPORTATION INC	KNNP657	920.000	24	365022N	0832247W
47	KY	CSX TRANSPORTATION INC	KNNP657	920.000	24	365049N	0831938W
47	KY	CSX TRANSPORTATION INC	KNNP657	920.000	24	365206N	0831901W
47	KY	CSX TRANSPORTATION INC	KNNP657	920.000	24	371434N	0831050W
47	KY	CSX TRANSPORTATION INC	KNNP657	920.000	24	371600N	0831231W
47	KY	CSX TRANSPORTATION INC	KNNP659	920.000	24	372503N	0822739W
47	KY	CSX TRANSPORTATION INC	KNNP659	920.000	24	372533N	0822946W
47	KY	CSX TRANSPORTATION INC	KNNP659	920.000	24	373033N	0823311W
47	KY	CSX TRANSPORTATION INC	KNNP659	920.000	24	373420N	0824520W
47	VA	CSX TRANSPORTATION INC	KNNP660	920.000	24	365652N	0821735W
48	KY	CSX TRANSPORTATION INC	KNNQ844	920.000	24	382938N	0823954W
48	KY	CSX TRANSPORTATION INC	KNNQ844	920.000	24	382944N	0823957W
48	KY	CSX TRANSPORTATION INC	KNNQ844	920.000	24	383410N	0824942W
48	KY	CSX TRANSPORTATION INC	KNNQ844	920.000	24	383413N	0824942W
48	OH	CSX TRANSPORTATION INC	KNNN875	920.000	24	391550N	0813428W
48	WV	CSX TRANSPORTATION INC	KNNN877	920.000	24	375842N	0813156W
48	WV	CSX TRANSPORTATION INC	KNNN877	920.000	24	391550N	0813411W
48	WV	CSX TRANSPORTATION INC	KNNN877	920.000	24	391817N	0813317W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	375111N	0815937W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	375411N	0815907W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	380336N	0814920W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	382223N	0814938W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	382526N	0822636W
48	WV	CSX TRANSPORTATION INC	KNNP628	920.000	24	383724N	0820951W
48	WV	CSX TRANSPORTATION INC	KNNP653	920.000	24	374521N	0810935W
48	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	374521N	0810935W
48	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	375111N	0815937W
48	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	375411N	0815907W
48	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	380336N	0814920W
48	WV	CSX TRANSPORTATION INC	KNNP658	920.000	24	382526N	0822636W
48	WV	CSX TRANSPORTATION INC	KNNQ844	920.000	24	374053N	0804124W
48	WV	CSX TRANSPORTATION INC	KNNQ844	920.000	24	382523N	0821755W

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(AS OF SEPTEMBER 8, 1998)**

48	WV	EASTERN ASSOCIATED COAL CORP	WPHW232	920.350	10	375442N	0814039W
48	WV	PINE RIDGE COAL COMPANY	WPJR311	920.350	30	380100N	0813903W
49	OH	CSX TRANSPORTATION INC	KNNN878	920.000	24	392635N	0842557W
49	OH	CSX TRANSPORTATION INC	KNNN878	920.000	24	392910N	0842346W
49	OH	CSX TRANSPORTATION INC	KNNN878	920.000	24	392934N	0842332W
49	OH	CSX TRANSPORTATION INC	KNNP654	920.000	24	390958N	0843047W
49	OH	CSX TRANSPORTATION INC	WPEV865	920.000	24	390616N	0843238W
49	OH	CSX TRANSPORTATION INC	WPEV865	920.000	24	390616N	0843240W
49	OH	CSX TRANSPORTATION INC	WPEV865	920.000	24	390616N	0843241W
49	OH	CSX TRANSPORTATION INC	WPEV865	920.000	24	390958N	0843046W
51	OH	AMERICAN FREIGHTWAYS INC	WPHG338	920.350	4	400223N	0830843W
52	WV	CSX TRANSPORTATION INC	WPKH828	920.500	24	393951N	0805137W
53	PA	CSX TRANSPORTATION INC	KNNN875	920.000	24	402333N	0795137W
53	PA	CSX TRANSPORTATION INC	KNNN875	920.000	24	404610N	0801909W
53	PA	CSX TRANSPORTATION INC	WPKH828	920.500	24	402642N	0795648W
53	PA	CSX TRANSPORTATION INC	WPKH828	920.500	24	405133N	0801709W
53	PA	EIGHTY FOUR MINING COMPANY	WPHW799	920.350	10	400730N	0800324W
53	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	391120N	0800151W
53	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	392219N	0800225W
53	WV	CSX TRANSPORTATION INC	KNNQ240	920.000	24	392231N	0802033W
57	MI	CSX TRANSPORTATION INC	WPKH831	920.000	24	420955N	0832337W
57	MI	CSX TRANSPORTATION INC	WPKH831	920.000	24	421732N	0830755W
57	MI	CSX TRANSPORTATION INC	WPKH831	920.000	24	423024N	0833033W
57	MI	CSX TRANSPORTATION INC	WPKH831	920.000	24	423250N	0834853W
62	MI	CSX TRANSPORTATION INC	WPKH830	920.000	24	424832N	0860328W
62	MI	CSX TRANSPORTATION INC	WPKH830	920.000	24	425352N	0853410W
62	MI	CSX TRANSPORTATION INC	WPKH830	920.000	24	430423N	0854110W
64	IL	CSX TRANSPORTATION INC	KNNP652	920.000	24	412006N	0885353W
64	IL	CSX TRANSPORTATION INC	KNNP652	920.000	24	412100N	0884835W
64	IL	INDIANA HARBOR BELT RAILROAD COMPANY	KNNU335	921.500	24	414625N	0874848W
64	IL	SOO SYSTEM RADIO COMMUNICATIONS CORPORATIO	WPKN916	921.500	26	415545N	0875009W
64	IN	INLAND STEEL COMPANY	WPII974	920.750	4	413740N	0872620W
66	IN	CSX TRANSPORTATION INC	KNNP656	920.000	24	412107N	0850424W
66	IN	CSX TRANSPORTATION INC	KNNP656	920.000	24	412245N	0851942W
67	IN	CSX TRANSPORTATION INC	KNNP652	920.000	24	400244N	0872729W
67	IN	CSX TRANSPORTATION INC	KNNP656	920.000	24	392602N	0872320W
67	IN	CSX TRANSPORTATION INC	KNNQ842	920.000	24	402419N	0865411W
67	IN	CSX TRANSPORTATION INC	KNNQ842	920.000	24	403234N	0865043W
68	IL	CSX TRANSPORTATION INC	KNNP652	920.000	24	400810N	0873629W
69	IN	CSX TRANSPORTATION INC	KNNP656	920.000	24	384031N	0872204W
69	IN	CSX TRANSPORTATION INC	KNNQ842	920.000	24	375804N	0873626W
69	IN	CSX TRANSPORTATION INC	KNNQ842	920.000	24	380028N	0873513W
69	KY	CSX TRANSPORTATION INC	KNNN874	920.000	24	371855N	0872842W
69	KY	CSX TRANSPORTATION INC	KNNN874	920.000	24	372034N	0872938W
69	KY	CSX TRANSPORTATION INC	KNNN874	920.000	24	372048N	0872416W
69	KY	CSX TRANSPORTATION INC	KNNQ842	920.000	24	375026N	0873458W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380702N	0854415W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380702N	0854417W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380900N	0854435W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380900N	0854541W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380912N	0854430W
70	KY	CSX TRANSPORTATION INC	KNNQ271	920.000	24	380928N	0854454W
71	TN	CSX TRANSPORTATION INC	KNNN876	920.000	24	360315N	0871806W
71	TN	CSX TRANSPORTATION INC	KNNQ840	920.000	24	360129N	0864719W
71	TN	CSX TRANSPORTATION INC	KNNQ840	920.000	24	360509N	0864541W
71	TN	CSX TRANSPORTATION INC	KNNQ840	920.000	24	360526N	0864134W
71	TN	CSX TRANSPORTATION INC	KNNQ840	920.000	24	361625N	0864237W

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**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

71	TN	CSX TRANSPORTATION INC	KNNQ840	920.000	24	361626N	0864238W
73	TN	CARGILL INC	WPKW776	921.500	2.6	350454N	0900759W
73	TN	CSX TRANSPORTATION INC	KNNN876	920.000	24	350850N	0895804W
73	TN	CSX TRANSPORTATION INC	KNNN876	920.000	24	351036N	0895606W
77	MS	AMERICAN FREIGHTWAYS INC	WPHG338	920.350	4	312229N	0891953W
78	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	333424N	0864701W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	332317N	0870031W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	333059N	0864753W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	333210N	0864727W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	333307N	0864722W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	333309N	0864732W
78	AL	CSX TRANSPORTATION INC	WPKZ371	920.000	24	334003N	0864531W
78	AL	LIBERTY PARK JOINT VENTURE	WPCY937	920.000	32	332829N	0864147W
79	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	322246N	0861904W
79	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	322249N	0861855W
79	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	322345N	0861846W
79	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	322509N	0861730W
79	AL	CSX TRANSPORTATION INC	WPKH836	920.000	24	322511N	0862011W
83	LA	LOUISIANA, STATE OF	WNPDP762	920.000	32	295559N	0900211W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	920.000	32	361240N	0945534W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	920.000	32	361245N	0945832W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	920.000	32	361302N	0944646W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	921.000	32	361240N	0945534W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	921.000	32	361245N	0945832W
92	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	921.000	32	361302N	0944646W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	364312N	0945603W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	365207N	0945107W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	365938N	0943720W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	364312N	0945603W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	365207N	0945107W
93	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	365938N	0943720W
94	MO	AMERICAN FREIGHTWAYS INC	WPIH848	920.750	4	365917N	0915802W
96	IL	CSX TRANSPORTATION INC	KNNP654	920.000	24	383632N	0893314W
98	MO	AMERICAN FREIGHTWAYS INC	WPHG338	920.350	4	385926N	0921929W
99	KS	UNION PACIFIC RAILROAD	WPHX977	921.500	28	390550N	0943654W
102	IA	UNION PACIFIC RAILROAD	WPLW619	921.500	26	414821N	0901501W
102	IA	UNION PACIFIC RAILROAD	WPLW619	921.500	26	415011N	0901111W
105	WI	SOO SYSTEM RADIO COMMUNICATIONS CORPORATIO	WPKL393	921.500	26	435042N	0911344W
107	MN	SOO SYSTEM RADIO COMMUNICATIONS CORPORATIO	WPKN913	921.000	26	450102N	0931536W
107	MN	SOO SYSTEM RADIO COMMUNICATIONS CORPORATIO	WPKN913	921.000	26	450103N	0931535W
121	NE	UNION PACIFIC RAILROAD	WPMDS15	921.500	28	410937N	1010433W
122	KS	AMERICAN FREIGHTWAYS INC	WPHG338	920.350	4	385155N	0991916W
122	KS	DOLESE BROS CO	KNNI858	920.750	4	373724N	0972012W
122	KS	VULCAN CHEMICALS INC	WPCY936	920.000	32	373506N	0972520W
123	KS	AMERICAN FREIGHTWAYS INC	WPIJ668	920.350	4	390524N	0953902W
124	OK	DOLESE BROS CO	KNNI858	920.750	4	344932N	0953303W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	361012N	0954452W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	361820N	0953534W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	362618N	0952239W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	363359N	0951304W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	363617N	0951110W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	920.000	32	363801N	0950811W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	361012N	0954452W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	361820N	0953534W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	362618N	0952239W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	363359N	0951304W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	363617N	0951110W

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**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS960	921.000	32	363801N	0950811W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	354618N	0963700W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	355053N	0962303W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	355916N	0961144W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	360046N	0960655W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	360424N	0960324W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	354618N	0963700W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	355053N	0962303W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	355916N	0961144W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	360046N	0960655W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	360424N	0960324W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	920.000	32	345130N	0954834W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	920.000	32	361225N	0970242W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	920.000	32	361317N	0963425W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	920.000	32	362300N	0970403W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	921.000	32	345130N	0954834W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	921.000	32	361225N	0970242W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	921.000	32	361317N	0963425W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUC992	921.000	32	362300N	0970403W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	920.000	32	353942N	0951832W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	920.000	32	355031N	0952402W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	920.000	32	355042N	0952401W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	920.000	32	355703N	0953512W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	921.000	32	353942N	0951832W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	921.000	32	355031N	0952402W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	921.000	32	355042N	0952401W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNV806	921.000	32	355703N	0953512W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	920.000	32	361059N	0950937W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	920.000	32	361118N	0951019W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	921.000	32	361059N	0950937W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA614	921.000	32	361118N	0951019W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	920.000	32	360044N	0955911W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	920.000	32	360058N	0955831W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	920.000	32	360110N	0955954W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	920.000	32	360130N	0955516W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	920.000	32	360146N	0955342W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	921.000	32	360044N	0955911W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	921.000	32	360058N	0955831W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	921.000	32	360110N	0955954W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	921.000	32	360130N	0955516W
124	OK	OKLAHOMA TURNPIKE AUTHORITY	WPAV873	921.000	32	360146N	0955342W
125	OK	AMERICAN FREIGHTWAYS INC	WPHG338	920.350	4	362512N	0975232W
125	OK	DOLESE BROS CO	KNNI858	920.750	4	340521N	0971102W
125	OK	DOLESE BROS CO	KNNI858	920.750	4	341519N	0962220W
125	OK	DOLESE BROS CO	KNNI858	920.750	4	353158N	0974951W
125	OK	DOLESE BROS CO	KNNI858	920.750	4	355523N	0972440W
125	OK	DOLESE BROS CO	KNNI859	920.750	4	342911N	0971227W
125	OK	DOLESE BROS CO	KNNI859	920.750	4	344559N	0982334W
125	OK	DOLESE BROS CO	KNNI859	920.750	4	345659N	0981226W
125	OK	DOLESE BROS CO	KNNI859	920.750	4	345830N	0963702W
125	OK	DOLESE BROS CO	KNNI859	920.750	4	352753N	0972924W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	920.000	32	354518N	0963952W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS961	921.000	32	354518N	0963952W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	353559N	0972519W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	354045N	0970317W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	920.000	32	354258N	0965311W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	353559N	0972519W

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**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	354045N	0970317W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNUS962	921.000	32	354258N	0965311W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	920.000	32	344655N	0981808W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	920.000	32	344655N	0981819W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	920.000	32	345947N	0975755W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	920.000	32	350303N	0975425W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	920.000	32	350304N	0975435W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	921.000	32	344655N	0981808W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	921.000	32	344655N	0981819W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	921.000	32	345947N	0975755W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	921.000	32	350303N	0975425W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC991	921.000	32	350304N	0975435W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVDR06	920.000	32	342143N	0982434W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVDR06	921.000	32	342143N	0982434W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA613	920.000	32	343245N	0965759W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA613	920.000	32	343411N	0965543W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA613	921.000	32	343245N	0965759W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA613	921.000	32	343411N	0965543W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353600N	0973005W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353602N	0973052W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353603N	0972837W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353625N	0973157W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353633N	0973309W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	920.000	32	353637N	0973421W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353600N	0973005W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353602N	0973052W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353603N	0972837W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353625N	0973157W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353633N	0973309W
125	OK	OKLAHOMA TURNPIKE AUTHORITY	WNYA615	921.000	32	353637N	0973421W
126	OK	DOLESE BROS CO	KNNI859	920.750	4	345642N	0984848W
127	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC992	920.000	32	341411N	0953905W
127	OK	OKLAHOMA TURNPIKE AUTHORITY	WNVC992	921.000	32	341411N	0953905W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU754	920.000	32	325205N	0970218W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU754	920.000	32	325402N	0970226W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU754	920.000	32	325415N	0970234W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU754	920.000	32	325452N	0970234W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU830	920.000	32	325324N	0970234W
127	TX	DALLAS FT WORTH INTERNATIONAL AIRPORT	WNQU830	920.000	32	325351N	0970218W
127	TX	EWING PROPERTIES INC	WPXP788	920.000	32	330005N	0964905W
127	TX	FARMERS BRANCH, CITY OF	WPXK721	921.500	35	325523N	0965354W
127	TX	FARMERS BRANCH, CITY OF	WPXK721	921.500	35	325526N	0965230W
127	TX	FARMERS BRANCH, CITY OF	WPXK721	921.500	35	325530N	0965049W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNLV256	920.000	32	324843N	0964903W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNLV256	920.000	32	325604N	0964910W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNLV256	920.003	32	325604N	0964910W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNLV256	921.500	32	324843N	0964903W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNP0961	920.000	32	325754N	0964917W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNPR942	919.998	32	325703N	0964922W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNPR942	919.999	32	325346N	0964833W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNPR942	920.000	32	325313N	0964853W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WNPR942	920.001	32	325703N	0964922W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WPHF841	920.000	32	330225N	0964944W
127	TX	NORTH TEXAS TOLLWAY AUTHORITY	WPHF841	921.500	32	330225N	0964944W
127	TX	UNION PACIFIC RAILROAD	WPHX939	921.500	28	323014N	0943427W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW653	920.000	32	293547N	0952608W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW653	920.000	32	293626N	0952847W

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**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW653	920.000	32	293657N	0952951W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW653	920.000	32	293802N	0953135W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW665	920.000	32	293551N	0952137W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW665	920.000	32	293559N	0951622W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW665	920.000	32	293601N	0951517W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPKW665	920.000	32	293602N	0951820W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA425	920.000	32	294333N	0951149W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	21	295046N	0952134W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	21	295208N	0952155W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	21	295400N	0952158W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	21	295556N	0952247W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	32	295046N	0952134W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	32	295208N	0952155W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	32	295400N	0952158W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA427	920.000	32	295556N	0952247W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA429	920.000	21	295511N	0953318W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA429	920.000	21	295618N	0953138W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA429	920.000	21	295755N	0952814W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA432	920.000	21	294206N	0953319W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA432	920.000	21	294403N	0953321W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA432	920.000	21	294523N	0953323W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA434	920.000	21	294544N	0953325W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA764	920.000	21	294830N	0953344W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA764	920.000	21	294942N	0953344W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA764	920.000	21	295132N	0953345W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA765	920.000	21	295756N	0952250W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA765	920.000	21	295935N	0952446W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA765	920.000	21	300129N	0952416W
131	TX	HARRIS COUNTY TOLL ROAD AUTHORITY	WPMA765	920.000	21	300338N	0952454W
134	TX	UNION PACIFIC RAILROAD	WPME828	921.500	28	274151N	0992712W
138	NM	AMTECH CORPORATION	WNPU867	920.000	32	350640N	1031755W
143	WY	DRY FORK COAL COMPANY	WPZ854	920.350	10	442245N	1052645W
152	UT	SALT LAKE CITY AIRPORT AUTHORITY	WPBZ381	920.000	32	404713N	1115805W
152	UT	SALT LAKE CITY AIRPORT AUTHORITY	WPBZ381	921.000	32	404713N	1115805W
152	UT	UNION PACIFIC RAILROAD	WPHX981	921.500	28	411239N	1115944W
156	NM	NEW MEXICO, STATE OF	WPGD743	920.000	32	352715N	1085655W
160	CA	BIG HORN GOLF CLUB	WPCQ485	920.000	32	334041N	1162428W
160	CA	INDIAN RIDGE HOME OWNERS ASSOCIATION	WPCQ483	920.000	32	334527N	1161956W
160	CA	LOS ANGELES, CITY OF	WNUD461	920.000	32	335637N	1182356W
160	CA	LOS ANGELES, CITY OF	WNUD461	920.000	32	335638N	1182354W
160	CA	LOS ANGELES, CITY OF	WNUD461	920.000	32	335642N	1182406W
160	CA	LOS ANGELES, CITY OF	WNUD461	920.000	32	335648N	1182405W
160	CA	LOS ANGELES, CITY OF	WPAE808	920.000	32	340309N	1173637W
160	CA	RANCHO LAS PALMAS HOME OWNERS ASSOCIATION	WPCQ484	920.000	32	334433N	1162422W
160	CA	UNION PACIFIC RAILROAD	WPHX951	921.500	28	335753N	1172243W
163	CA	CALIFORNIA, STATE OF	WPDP332	920.000	1	374928N	1221847W
163	CA	CALIFORNIA, STATE OF	WPDP332	920.000	1	380255N	1221333W
163	CA	MATSON TERMINALS INC	WPDP576	920.000	32	374836N	1221948W
163	CA	OAKLAND, PORT OF	WPCQ564	920.000	32	374300N	1201300W
163	CA	UNION PACIFIC RAILROAD	WPHX973	921.000	32	375008N	1211544W
164	CA	UNION PACIFIC RAILROAD	WPHX985	921.500	28	383503N	1212834W
168	OR	UNION PACIFIC RAILROAD	WPMK991	920.250	32	454743N	1191745W
168	OR	UNION PACIFIC RAILROAD	WPMK991	920.750	32	454743N	1191745W
170	WA	SEA TAC INTERNATIONAL AIRPORT	WPKD986	920.000	32	472642N	1221804W

NOTE: The Commission makes no representations or guarantees regarding the accuracy of information that has been provided by incumbent licensees and incorporated into the database.

**LIST OF NON-MULTILATERATION (TAG) LICENSED SYSTEMS IN THE 919.750-921.750 MHZ SHARED BAND
(AS OF SEPTEMBER 8, 1998)**

Below are railroad licenses that operate in this band for which there are no fixed locations. Typically the license shows "FBT" class stations that permit it to establish temporary operations anywhere in the US as required. It should also be noted that as temporary operations, the transmitters can not remain at any specific point for more than a year.

	US	NORFOLK SOUTHERN CORP	WNPF756	920.000	32		
	US	UNION PACIFIC RAILROAD	WNWW504	920.000	32		
	US	UNION PACIFIC RAILROAD	WNWW504	921.500	32		

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