

Node Status as of 07/20/2017 09:00:01 GMT

IRLP Node codes and locations Sorted by Node Callsign

Nodes that have not checked in after 5 days, are NOT listed

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
1738	*				0.0000	None	CDT -0500
3429	*				0.0000	None	CDT -0500
6312	*				0.0000	None	CDT -0500
7833	*				0.0000	None	CDT -0500
1111	*				0.0000	None	CDT -0500
6327	*				0.0000	None	CDT -0500
6308	*				0.0000	None	CDT -0500
4862	*				0.0000	None	CDT -0500
8613	*				0.0000	None	CDT -0500
6367	*				0.0000	None	CDT -0500
1455	*				0.0000	None	CDT -0500
7673	6Y5RA	Kingston	Jamaica	Jamaica	-449.5000	None	EST -0500
5511	9N1SP	PULCHOWK,LALITPUR,BAG MATI	KTM	Nepal	+145.2100	100	NPT +0545
8500	9Y4AT	Port-Of-Spain	POS	Trinidad and Tobago	0.0000	None	NPT +0545
3251	AA0UU	Council Bluffs	IA	USA	446.8750	100.0	CDT -0500
3531	AA2V	Sandy	OR	USA	441.5500	118.8	PDT -0700
4200	AA4LB	Simpsonville	SC	USA	-146.7300	100.0	EDT -0400
4928	AA5SG	Ellisville	MS	USA	+0.0000	None	CDT -0500
8106	AA5SG	My PiRLP2 Portable	MS	USA	446.6000	179.9	CDT -0500
3325	AA6KA	North Highlands	CA	USA	223.6600	88.5	PDT -0700
3716	AA7NS	Seaview	WA	USA	446.7750	100.0	PDT -0700
3871	AA7US	Seaview	WA	USA	433.5000	100.00	PDT -0700
3601	AA7WG	Salmon	ID	USA	+147.0300	100.0	MDT -0600
8551	AA8CC	Petersburg	WV	USA	146.4200	103.5	EDT -0400
8578	AA8RK	Ann Arbor	MI	USA	223.7000	100.0	EDT -0400
7162	AB0BW	Rochester	MN	USA	147.5550	114.8	CDT -0500
3548	AB0VX	Honey Creek	IA	USA	+444.8000	97.4	CDT -0500
3748	AB0VX	Honey Creek	IA	USA	-145.4100	97.4	CDT -0500
8756	AB1WT	LONGMEADOW	MA	USA	445.9250	123.0	EDT -0400
8987	AB1WT	Longmeadow	MA	USA	147.5100	123.0	EDT -0400
8443	AB2GZ	Bordentown	NJ	USA	0.0000	None	EDT -0400
8259	AB2R	Bronx	NY	USA	146.5100	136.5	EDT -0400
3164	AB2YC	Liverpool	NY	USA	446.5500	100.0	EDT -0400
4567	AB4GE	Macclenny	FL	USA	+147.0900	100	EDT -0400
7515	AB7CQ	Tombstone	AZ	USA	146.5800	114.8	MST -0700
4460	AB8PR	West Bloomfield	MI	USA	+442.5000	107.20	EDT -0400
8763	AB8PV	Brunswick	OH	USA	445.4500	156.7	EDT -0400
7721	AB9CR	Cicero	IL	USA	145.5300	100.00	EDT -0400
8645	AB9OV	Chicago	IL	USA	442.1750	114.8	EDT -0400
8321	AC4DM	Nancy	KY	USA	-146.8800	77	EDT -0400
4654	AC7H	Bountiful	UT	USA	0.0000	None	MDT -0600
3300	AC7IL	Tucson	AZ	USA	-146.7000	127.3	MST -0700
3771	AC7OD	Monroe	UT	USA	147.5000	None	MDT -0600
7887	AD0HO	Arvada	CO	USA	147.5550	None	MDT -0600
8376	AD4ZU	New Port Richey	FL	USA	147.4700	None	EDT -0400
3875	AD6MN	Lake Havasu City	AZ	USA	446.8750	100.0	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
3842	AD7DD	Spokane Valley	WA	USA	446.8750	100.0	PDT -0700
3006	AD7LQ	Grantsville	UT	USA	447.8000	None	MDT -0600
3205	AD7ZW	Altamont	UT	USA	+147.2800	107.2	MDT -0600
4086	AE1TH	Braintree	MA	USA	+442.5000	118.8	MDT -0600
7344	AE5RJ	El Paso	TX	USA	+443.5500	127.3	MDT -0600
4888	AE6MP	West Covina	CA	USA	+145.7700	None	PDT -0700
7517	AE6MP	West Covina	CA	USA	446.5200	100.0	PDT -0700
3334	AE6TV	Grand Terrace, NanoNode Mob	CA	USA	447.0000	77	PDT -0700
3012	AE6TV	San Dimas	CA	USA	+449.1600	77.0	PDT -0700
3336	AE6TV	San Bernardino	CA	USA	+449.4600	100.0	PDT -0700
7062	AE7I	Reno	NV	USA	-224.5400	100.0	PDT -0700
7574	AE7JW	Reno	NV	USA	446.8750	100	PDT -0700
4289	AE9J	Danville	IN	USA	+145.2900	88.5	EDT -0400
3497	AF6EQ	Sunnyvale-WIN System Affili	CA	USA	+0.0000	None	PDT -0700
3311	AF7DX	Sequim	WA	USA	+444.2750	100.0	PDT -0700
7288	AF7J	Ogden	UT	USA	446.8750	100.00	MDT -0600
7473	AF7WE	Gig Harbor	WA	USA	445.9500	156.7	PDT -0700
7920	AF7ZG	Auburn	WA	USA	446.8750	100.0	PDT -0700
3055	AG0N	Scottsbluff	NE	USA	146.4450	88.5	MDT -0600
7195	AG6AU	Placerville	CA	USA	441.7250	82.5	MDT -0600
3642	AG6EX	Micro-Node Mobile	CA	USA	445.5000	77.0	PDT -0700
7991	AG6IF	PiRLP Node Temecula	CA	USA	446.4000	100	PDT -0700
7544	AG7RV	Reno	NV	USA	446.5700	88.5	PDT -0700
3515	AH2S	Layton	UT	USA	-447.0500	114.8	MDT -0600
4251	AH6EZ	Nordland	WA	USA	0.0000	None	PDT -0700
3440	AH6GR	Wailuku Heights, Maui	HI	USA	+442.7500	136.5	HST -1000
3000	AH6LE	Beavercreek, Wilsonville, M	OR	USA	-146.9200	107.2	PDT -0700
7800	AH6TX	BEAR VALLEY SPRINGS	CA	USA	147.4500	123.0	PDT -0700
4863	AI1U	Lawrenceville	GA	USA	446.8750	100.00	EDT -0400
7437	AI1U	Lawrenceville	GA	USA	446.8750	100.0	EDT -0400
8025	AI4LL	CALLAWAY	VA	USA	446.9500	100	EDT -0400
7490	AI6BX	Redlands	CA	USA	-447.0000	123	PDT -0700
7482	AI6BX	Redlands	CA	USA	-145.2600	123.0	PDT -0700
7739	AI6FA	Tracy	CA	USA	446.8750	100.0	PDT -0700
7382	AI7J	Hooper	UT	USA	-224.5000	167.9	MDT -0600
7102	AJ4G	Middlesboro	KY	USA	+446.0000	100.0	EDT -0400
8886	AJ4G	Middlesboro	KY	USA	+442.3250	100	EDT -0400
8561	AJ4RC	Roanoke Rapids	NC	USA	-146.7450	131.8	EDT -0400
5560	AJ7E	Reno	NV	USA	+443.1750	123.0	PDT -0700
7915	AJ9Y	Tolleson	AZ	USA	446.2500	100.0	MST -0700
7128	AL2B	Firth	ID	USA	147.5700	100.0	MDT -0600
3073	AL2B	AL2B Firth	ID	USA	449.9300	123	AKDT -0800
3261	AL4K	Wasilla	AK	USA	144.7000	123.0	AKDT -0800
4570	AL4O	Valdez	AK	USA	145.5000	100	AKDT -0800
1232	CF5EIS	Regina (Pasqua North)	SK	Canada	146.4000	100	CST -0600
4041	CG5EIS	Regina	SK	Canada	446.1250	100	CST -0600
1763	CG5SDH	Regina	SK	Canada	446.1250	100	CST -0600
5307	DB0BH	Buehl/Black Forest	BW	Germany	-439.0750	94.8	CEST +0200
5822	DB0RDT	Ingolstadt	BAY	Germany	439.1500	None	CEST +0200
5190	DL1KGW	Wuppertal	NRW	Germany	145.3375	None	CEST +0200
5365	DM0MHD	Pfaffenhofen	BAY	Germany	432.8000	None	CEST +0200
5378	DM0QN	Munich (southeast)	BAY	Germany	432.8500	None	CEST +0200

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5483	DM0ZGW	Wuppertal	NRW	Germany	430.0250	None	CEST +0200
5686	EA1HTW	Vigo - Galicia (ES)	PO	Spain	430.9750	88.5	CEST +0200
5890	EA1RKE	A Estrada, Pontevedra (ES)	PO	Spain	430.9500	88.5	CEST +0200
5199	EA2BKH	Zaragoza	EA	Spain	431.0000	88.5	CEST +0200
8628	EA8EE	Las Palmas	GCanaria	Canary Islands	-145.7125	88.5	WEST +0100
5149	EB1IMQ	Carril, PO (Galicia)	PO	Spain	144.9250	None	CEST +0200
5880	EI2TAG	Limerick	Lim	Ireland	-145.7250	None	CEST +0200
5768	EI2TBR	galway	con	Ireland	145.6250	None	IST +0100
5234	EI7TRR	Dublin	Dublin	Ireland	+433.2250	88.5	IST +0100
5883	EI7WCG	Waterford City	Waterford	Ireland	+430.9500	156.7	IST +0100
5635	G0SCV	Leeds	W YORK	England	430.0500	82.5	BST +0100
5993	G3TMD	Scotter	Lincs	England	145.2375	71.9	BST +0100
5625	G4PEF	LONDON	LON	England	430.0625	82.5	BST +0100
5269	G6OTZ	Burntwood	Staffs	England	430.0750	103.5	BST +0100
5300	G8IRC	Davao City	DVO	Philippines	438.5150	None	PHT +0800
5702	GB3BM	Birmingham	WM	England	-145.7125	67.0	BST +0100
5280	GB3CA	Carlisle	Cum	England	+433.3250	77.0	BST +0100
5339	GB3CS	Glasgow, Kilsyth	Strathclyde	Scotland	-145.7500	103.5	BST +0100
5130	GB3DV	Rpi Node Maltby, Rotherham.	SY	England	+433.0250	71.90	BST +0100
5046	GB3EE	Chesterfield	Der	England	+433.3000	71.9	BST +0100
5362	GB3FE	Stirling	Stg	Scotland	-145.6625	103.5	BST +0100
5562	GB3IR	Richmond	N YORK	England	-145.7625	88.5	BST +0100
5410	GB3KE	Bearsden, Glasgow	--	Scotland	-145.6875	103.5	BST +0100
5140	GB3LF	Kendal	Cumbria	England	+433.3500	110.9	BST +0100
5556	GB3LS	Lincoln	LIN	England	+433.0500	71.9	BST +0100
5600	GB3LV	London	EN1	England	+433.0500	82.50	BST +0100
5569	GB3MH	Crawley	West Sussex	England	+145.6250	88.5	BST +0100
5302	GB3OA	Southport	LANCS	England	-145.6125	82.5	BST +0100
5400	GB3PZ	Manchester	Cheshire	England	+430.9000	82.50	BST +0100
5450	GB3PZ	Manchester	Cheshire	England	+430.9000	82.5	BST +0100
5888	GB3SL	Glasgow, Kilsyth	STR	Scotland	+50.7300	103.5	BST +0100
5582	GB3TR	Torbay	Dev	England	-145.6500	94.8	BST +0100
5150	GB3US	Sheffield	SY	England	+433.0000	103.50	BST +0100
5429	GB3ZB	Dundry Hill, Bristol.	BL	England	+430.8250	77.0	BST +0100
5426	GM0LZE	Lewis Island	Islands	Scotland	-145.7750	88.5	BST +0100
7877	HI8LEZ	A. H. (La Nevera)	DN	Dominican Republic	146.9400	100.0	AST -0400
7529	HI8MGZ	Bani - URABA	PER	Dominican Republic	447.8000	100.0	AST -0400
4476	HI8MVF	Coson Beach, Las Terrenas D	DO	Dominican Republic	144.5200	100.0	AST -0400
7868	HI8MVF	Sto.Dgo. (A.H.)	DN	Dominican Republic	+146.5900	None	AST -0400
7699	HI8MVF	Samana	SAM	Dominican Republic	+146.4700	None	AST -0400
7698	HI8MVF	Sto.Dgo. (Herrera)	DN	Dominican Republic	+146.6000	None	AST -0400
4558	HI8MVF	Miami	FL	USA	446.8750	100.0	EDT -0400
5555	HL1ZCQ	Seoul, Korea	KOR	Korea, Republic of	438.1000	None	KST +0900
8282	HL1ZII	Seoul International Repeate	KOR	Korea, Republic of	+434.8400	100	KST +0900
5614	IK8UHA	Napoli	NA	Italy	430.1125	97.4	CEST +0200
5971	IT9DLN	Menfi	AG	Italy	145.2375	94.8	CEST +0200

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5932	IT9FBN	Santa Margherita di Belice	AG	Italy	144.6750	94.8	CEST +0200
7000	J73D	Roseau	St Patrick	Dominica	+442.1000	None	AST -0400
8626	JA2VOF	City of Shizuoka near Mt Fu	Shizuoka	Japan	1294.7800	179.9	JST +0900
8093	JA2WSM	Seki City	Gifu	Japan	430.9800	123	JST +0900
8888	JE1RYS	Iwakuni (JE1RYS/4)	YAM	Japan	144.5500	100.0	JST +0900
8437	J11BQW	Zama	Kanagawa	Japan	430.9900	100	JST +0900
8859	JL1ZNH	Kasukabe	STM	Japan	430.7300	100.00	JST +0900
8069	JP3YHP	Hirakata	Osaka	Japan	-1292.4800	88.5	JST +0900
8332	JQ1YEG	Meguro-ku	Tokyo	Japan	-1291.9200	88.5	JST +0900
8164	JQ1YWK	Hachioji, Tokyo	TYO	Japan	430.9600	67.0	JST +0900
8499	JQ1ZPA	Koto, Tokyo	Tokyo	Japan	430.9600	127.3	JST +0900
8873	JR1NNV	Meguro-ku	TYO	Japan	430.7300	100.0	JST +0900
7522	JS6TQS	Okinawa	JP	Japan	-448.6000	127.3	JST +0900
4386	K0AAJ	Springfield	MO	USA	446.5000	100.0	CDT -0500
8268	K0ALF	Mondamin	IA	USA	446.8750	100.0	CDT -0500
7805	K0BND	Carrington	ND	USA	147.5850	123.0	CDT -0500
7623	K0BVC	Portsmouth	IA	USA	-146.7450	136.5	CDT -0500
3328	K0BVC	Mondamin	IA	USA	+444.9250	136.5	CDT -0500
3885	K0ECT	SKECT - Garden City	KS	USA	+442.5000	141.3	CDT -0500
3722	K0ELK	Carbondale	CO	USA	+449.7250	179.9	MDT -0600
4312	K0GDI	Blackwell	MO	USA	+442.4250	210.7	CDT -0500
7550	K0HAM	K-Link - Humboldt (Pi2)	NE	USA	+443.5750	88.5	CDT -0500
4540	K0JPR	Lees Summit	MO	USA	446.6000	123.0	CDT -0500
7301	K0JSC	Pueblo	CO	USA	-449.9750	100.0	MDT -0600
7265	K0KAD	SPOKANE VALLEY	WA	USA	0.0000	None	MDT -0600
8701	K0LGB	RAPID CITY	SD	USA	147.4700	146.2	MDT -0600
7823	K0MGS	Lee's Summit	MO	USA	445.5250	None	CDT -0500
8506	K0NHV	Sebring	FL	USA	446.4500	100.0	EDT -0400
7570	K0NL	Phoenix	AZ	USA	-927.0625	151.4	MST -0700
3980	K0QBI	Worthington	MN	USA	146.4600	None	MST -0700
7869	K0RLV	Pi computer node mobile	MO	USA	147.4800	100.0	GMT +0000
7055	K0RV	Glenwood Springs	CO	USA	-146.8800	107.2	GMT +0000
3349	K0UPS	Cedar Point	CO	USA	-449.2500	123.0	MDT -0600
7694	K0VK	RV Mobile	CO	USA	446.1000	100.0	MDT -0600
7957	K0VQ	Aspen	CO	USA	147.5700	88.5	MDT -0600
3778	K1BDX	Chicago	IL	USA	146.5350	100.0	CDT -0500
8724	K1BDX	Chicago	IL	USA	446.8750	100.0	CDT -0500
3772	K1BDX	Chicago	IL	USA	146.5350	100.0	CDT -0500
3776	K1BDX	Mobile Node - Houston	TX	USA	147.5700	100.0	CDT -0500
3777	K1BDX	Mobile Node - Houston	TX	USA	0.0000	None	CDT -0500
4632	K1BFD	Canton	MA	USA	-146.7450	146.2	EDT -0400
4561	K1CA	Derry	NH	USA	+146.8500	85.4	EDT -0400
4480	K1IMD	Eastern Long Island	NY	USA	-449.9750	94.8	EDT -0400
4870	K1IMD	Long Island	NY	USA	-927.6375	100.0	EDT -0400
4474	K1IMD	Portable	--	USA	+449.6250	None	EDT -0400
4677	K1IMD	Peconic	NY	USA	-449.9750	94.8	EDT -0400
4689	K1IMD	No Padre Island	TX	USA	146.5200	None	CDT -0500
4060	K1IMD	Portable		USA	0.0000	None	EDT -0400
7027	K1LA	San Diego	CA	USA	-449.3800	None	PDT -0700
8973	K1RBY	Palatka	FL	USA	146.4600	123.0	EDT -0400
4977	K1RJZ	Boston	MA	USA	-927.0625	None	EDT -0400
8496	K1RK	Falmouth	MA	USA	-927.8500	88.5	EDT -0400
3281	K1RR	Spokane	WA	USA	0.0000	None	PDT -0700

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3282	K1RR	Spokane	WA	USA	147.4000	100.0	PDT -0700
3638	K1RR	Spokane PiRLP	WA	USA	+147.3600	None	PDT -0700
7505	K1SOX	Woodbridge	CT	USA	-147.5050	77.0	EDT -0400
7883	K1TM	Georgetown	TX	USA	445.1000	100.0	CDT -0500
4466	K2ACY	Atlantic City	NJ	USA	-447.5750	156.7	EDT -0400
8956	K2ADP	Webster	NY	USA	0.0000	None	EDT -0400
4747	K2CC	Potsdam	NY	USA	-146.8950	151.4	EDT -0400
4793	K2CMT	DeBary, Florida	FL	USA	446.1500	88.5	EDT -0400
4603	K2COP	Daytona Beach	FL	USA	+444.3000	123.0	EDT -0400
4891	K2CPD	Cinnaminson	NJ	USA	+445.6250	127.3	EDT -0400
4789	K2GE	Sayreville	NJ	USA	+443.2000	141.3	EDT -0400
3624	K2GG	Roxbury Township	NJ	USA	+146.9850	131.8	EDT -0400
4878	K2GLP	Sag Harbor	NY	USA	-448.6750	141.3	EDT -0400
5800	K2GXT	Rochester	NY	USA	+147.0750	110.9	EDT -0400
4334	K2IDZ	Armonk	NY	USA	224.0800	114.8	EDT -0400
4823	K2KNB	Old Bethpage	NY	USA	446.5250	136.5	EDT -0400
4666	K2MTB	New Paltz	NY	USA	-447.9250	118.8	EDT -0400
4275	K2PCB	Alden	NY	USA	0.0000	None	EDT -0400
4886	K2SDR	Sea Girt	NJ	USA	223.6000	141.30	EDT -0400
4848	K3CR	University Park	PA	USA	0.0000	None	EDT -0400
8492	K3HTK	Noblesville (EcholRLP- 7300	IN	USA	+927.0875	131.8	EDT -0400
8537	K3IR	Mainheim	PA	USA	-449.9750	114.8	EDT -0400
4317	K3ZMC	Pottstown	PA	USA	+443.5500	131.8	EDT -0400
4005	K4CIO	Little Torch Key	FL	USA	+444.7750	94.8	EDT -0400
4703	K4DND	Charlottesville	VA	USA	-146.7300	151.4	EDT -0400
4392	K4EZ	Hillsville	VA	USA	145.2700	103.5	EDT -0400
8091	K4GET	Plantation-winsystem affili	FL	USA	147.4800	110.9	EDT -0400
4903	K4GRW	Newport	NC	USA	-145.4500	None	EDT -0400
4853	K4HV	Valkaria	FL	USA	+444.7000	77.00	EDT -0400
4270	K4JDR	Raleigh	NC	USA	+441.7250	100.00	EDT -0400
8910	K4LX	St. Petersburg	FL	USA	+443.2000	100.0	EDT -0400
8243	K4OBX	Bodie Island	NC	USA	+444.1250	100.0	EDT -0400
8536	K4OBX	Buxton	NC	USA	+442.4250	100.0	EDT -0400
8270	K4OBX	Hatteras Island	NC	USA	+444.9250	131.8	EDT -0400
4358	K4TJS	Yorktown	VA	USA	145.5800	88.5	EDT -0400
7973	K5AA	Eureka Springs	AR	USA	-146.8350	None	EDT -0400
4912	K5BGA	Longview	TX	USA	446.1000	None	CDT -0500
5900	K5CCL	Gun Barrel City	TX	USA	-146.9000	136.5	CDT -0500
3594	K5DJS	Tuleta	TX	USA	145.7150	100	MDT -0600
7093	K5DJS	Kenedy	TX	USA	0.0000	None	CDT -0500
3989	K5DX	Houston	TX	USA	+442.0000	103.5	CDT -0500
3085	K5FOY	Mountain Home	AR	USA	145.5550	100	CDT -0500
7901	K5FRC	Bonham	TX	USA	-145.1300	100	CDT -0500
8505	K5GVL	Greenville	TX	USA	-146.7800	114.8	CDT -0500
7917	K5JSG	Penfield	NY	USA	0.0000	None	EDT -0400
4273	K5MES	Fort Smith	AR	USA	146.4300	None	CDT -0500
3747	K5MOT	Fort Worth	TX	USA	+444.3000	110.90	CDT -0500
3956	K5NES	Desha	AR	USA	+147.2250	107.2	CDT -0500
3294	K5NX	Kingwood	TX	USA	0.0000	None	CDT -0500
3293	K5NX	Kingwood	TX	USA	147.5600	100.0	CDT -0500
3121	K5NX	Kingwood	TX	USA	147.5600	100.00	CDT -0500
3292	K5NX	Montgomery County	TX	USA	147.5800	100.0	CDT -0500
7967	K5NX	Humble	TX	USA	147.5400	100.	CDT -0500

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7241	K5NX	Kingwood	TX	USA	147.5600	100.	CDT -0500
7575	K5NX	Mobile Echo/IRLP node TX	TX	USA	0.0000	100	CDT -0500
8597	K5NX	Kingwood	TX	USA	446.8750	100.00	CDT -0500
3751	K5RNB	Aubrey	TX	USA	-145.2300	100.0	CDT -0500
4034	K5TKR	Fort Worth	TX	USA	446.1000	None	CDT -0500
3563	K5VOM	Quinlan	TX	USA	446.8750	100.0	CDT -0500
3364	K5VPW	San Antonio	TX	USA	441.0500	136.5	CDT -0500
4691	K6ADS R	VA, DC. Mobile Repeater	VA	USA	+440.7500	91.5	EDT -0400
3318	K6BJ	Santa Cruz	CA	USA	-146.7900	94.8	PDT -0700
3478	K6CDW	not provided by owner			0.0000	None	PDT -0700
7715	K6DPD	Paso Robles	CA	USA	446.8250	123.0	PDT -0700
7493	K6ECS	Running Springs	CA	USA	-147.7050	167.9	PDT -0700
3332	K6IB	Saint George	UT	USA	434.3000	85.4	MDT -0600
3173	K6IB	St George	UT	USA	434.3000	85.4	MDT -0600
3184	K6IB	Saint George	UT	USA	0.0000	None	MDT -0600
7179	K6IGP	Irvine	CA	USA	446.5200	127.3	PDT -0700
7457	K6IS	Sacramento	CA	USA	-145.1900	162.2	PDT -0700
3840	K6IXA	Atwater	CA	USA	+443.0750	107.20	PDT -0700
7500	K6JAE	Waikoloa Hawaii	HI	USA	147.5000	123.0	HST -1000
3089	K6JAE	Kona	HI	USA	0.0000	None	HST -1000
3727	K6JSI	Intertie	CA	USA	-440.0000	100	PDT -0700
3896	K6JV	Ventura	CA	USA	446.8750	100.0	PDT -0700
3505	K6KTA	Poway	CA	USA	-145.1800	107.2	PDT -0700
3285	K6LIE	Albuquerque	NM	USA	+224.4800	100	MDT -0600
3994	K6LNK	Northern California and Nev	CA	USA	0.0000	None	PDT -0700
5060	K6LRC	Lake Almanor - Susanville	CA	USA	+443.9000	91.5	PDT -0700
7213	K6LSF	Irvine	CA	USA	446.8750	100.0	PDT -0700
3248	K6MBY	Sequim	WA	USA	+444.9000	131.8	PDT -0700
3745	K6MET	Buena Park	CA	USA	144.4800	88.5	PDT -0700
3895	K6MVR	Sacramento	CA	USA	-147.0000	136.50	PDT -0700
3691	K6OM	San Carlos	CA	USA	446.8750	100.0	PDT -0700
3075	K6ORI	Orinda	CA	USA	+440.9750	123.0	PDT -0700
7264	K6PMI	Morgan Hill	CA	USA	+441.5500	97.4	PDT -0700
5164	K6PMI	Santa Clara	CA	USA	+441.5500	103.5	PDT -0700
7225	K6PMI	Nevada City	CA	USA	+441.5500	97.4	PDT -0700
8915	K6RIN	Simi Valley	CA	USA	446.5000	100	PDT -0700
3287	K6SOA	Laguna Beach	CA	USA	-147.6450	110.9	PDT -0700
3781	K6SOA	San Clemente	CA	USA	+146.0250	110.9	PDT -0700
7391	K6SYN	Santa Clarita	CA	USA	446.8750	100.0	PDT -0700
7912	K6TEM	Various	CA	USA	445.4800	None	PDT -0700
7481	K6TKR	Irvine	CA	USA	0.0000	None	PDT -0700
3375	K6TUG	Redding	CA	USA	146.4350	100.0	PDT -0700
7445	K6UU	Redondo Beach	CA	USA	0.0000	None	PDT -0700
7633	K6UVA	Lake Oswego	OR	USA	446.8750	100.00	PDT -0700
3060	K6VE	Palm Springs	CA	USA	224.6600	110.9	PDT -0700
3053	K6VE	Palm Springs	CA	USA	-224.4800	110.9	PDT -0700
3030	K6VE	Los Angeles	CA	USA	+224.4800	110.9	PDT -0700
7023	K6ZWA	Monterey	CA	USA	439.6750	218.1	PDT -0700
7618	K7BRH	Hayden/Nano Node	ID	USA	446.4400	100.0	PDT -0700
7186	K7BYI	Rexburg	ID	USA	-448.6000	100.00	MDT -0600
7602	K7CAE	Glendale, AZ	AZ	USA	441.0250	100.0	MST -0700
7662	K7DAA	Morgan Hill	CA	USA	+442.9750	100	PDT -0700
7560	K7DSN	PLEASANT GROVE	UT	USA	145.5100	None	MDT -0600

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
7112	K7DSR	Spokane Valley,	WA	USA	147.5000	77.0	PDT -0700
7787	K7EAR	Safford	AZ	USA	-146.9000	141.3	PDT -0700
7929	K7EDW	Golden	CO	USA	0.0000	None	MDT -0600
7928	K7EDW	Golden Co	CO	USA	0.0000	9999	MDT -0600
3509	K7EHT	Malott	WA	USA	147.4000	100	PDT -0700
3498	K7FAY	Claremont	CA	USA	223.0000	100.0	PDT -0700
3426	K7FAY	Boulder City	NV	USA	-146.8500	131.8	PDT -0700
4589	K7FAY	Poorman's Portable Node	NV	USA	0.0000	None	PDT -0700
3021	K7FMR	REDMOND	OR	USA	444.5750	173.8	PDT -0700
7808	K7FZO	North Bend	WA	USA	446.5250	None	PDT -0700
3193	K7GEL	Sun Lakes	AZ	USA	441.0250	110.9	MST -0700
7844	K7GPS	Cascade	MT	USA	445.5000	100.0	GMT +0000
8865	K7GPS	Cascade	MT	USA	445.8750	100.0	MDT -0600
8384	K7HJE	Miami	FL	USA	0.0000	None	EDT -0400
3993	K7IEU	Raymond	WA	USA	147.5700	127.3	PDT -0700
3033	K7IOU	GAYLORD	MI	USA	-224.7400	136.5	PDT -0700
3724	K7IZA	Henderson	NV	USA	447.8000	100.0	PDT -0700
7032	K7KAD	Portland	OR	USA	446.0750	131.8	PDT -0700
3978	K7LWH	Kirkland	WA	USA	-145.4900	103.50	PDT -0700
3215	K7MLA	Salt Lake City	UT	USA	+147.1400	127.3	MDT -0600
3135	K7MLA	Herriman	UT	USA	0.0000	None	MDT -0600
7879	K7MMA	Spokane	WA	USA	+443.9250	100	PDT -0700
5050	K7MRG	Mingus Mountain	AZ	USA	+442.1500	100.0	MST -0700
7696	K7NBO	North Bend	OR	USA	441.5500	100	MST -0700
7232	K7NEL	Layton	UT	USA	445.5000	77.0	MST -0700
3636	K7NWS	East Tiger Mountain	WA	USA	0.0000	None	MST -0700
3188	K7OGM	Fish Haven - Bear Lake	ID	USA	147.5000	100	MST -0700
3307	K7RDC	Gillette	WY	USA	-449.7500	123.0	MDT -0600
7959	K7RPT	Portland	OR	USA	+147.0400	100.0	PDT -0700
7812	K7RTM	Chandler - PiRLP	AZ	USA	147.5000	151.4	MST -0700
7171	K7RVM	Medford	OR	USA	+147.0000	123	PDT -0700
3270	K7SDC	Castle Dale	UT	USA	-449.0500	88.50	MDT -0600
3445	K7SIL	Redmond	WA	USA	145.7200	None	PDT -0700
3514	K7SLT	Hayden	ID	USA	146.4400	100	PDT -0700
5860	K7SPG	Seattle	WA	USA	+444.0000	103.50	PDT -0700
7383	K7TRO	Salem	OR	USA	147.5000	100.0	PDT -0700
7753	K7VFO	Albany	OR	USA	446.8750	100	PDT -0700
7416	K7YR	Wenatchee	WA	USA	0.0000	None	PDT -0700
7138	K7ZAA	Myrtle Point	OR	USA	446.0600	100.00	PDT -0700
7222	K7ZH	Beaverton	OR	USA	445.6250	88.5	PDT -0700
3468	K8BMC	Sandusky	OH	USA	147.4350	110.9	EDT -0400
4137	K8KHW	Newport	OH	USA	+444.1250	103.5	EDT -0400
8129	K8KHW	PiIRLP Newport	OH	USA	+444.1250	103.5	EDT -0400
4479	K8LI	Delta	OH	USA	+147.2850	103.5	EDT -0400
8461	K8LOD	Marquette	MI	USA	+147.2700	100.0	EDT -0400
4394	K8LRC	Blanchard	MI	USA	446.8750	100.00	EDT -0400
4529	K8RPT	Maybee	MI	USA	+442.8250	100	EDT -0400
8385	K8STN	qthyoungstown.com	OH	USA	446.5000	94.8	EDT -0400
3062	K9AMO	Clovis	CA	USA	446.8750	100.0	PDT -0700
8891	K9CWM	Pleasant Lake	IN	USA	147.4300	107.2	EDT -0400
8783	K9CWM	Pleasant Lake	IN	USA	147.5500	107.2	EDT -0400
4735	K9DC	Indianapolis	IN	USA	+147.3150	94.8	EDT -0400
4098	K9DEW	Warsaw	IN	USA	+146.9850	141.3	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4475	K9EAM	Green Bay	WI	USA	+444.7750	107.2	CDT -0500
8894	K9ERV	Coatesville	IN	USA	+444.0750	151.4	EDT -0400
3939	K9GAJ	Santa Fe	NM	USA	-449.2750	146.20	MDT -0600
8381	K9GWS	Algonquin	IL	USA	446.8750	100.0	CDT -0500
4732	K9IP	Grandview	IN	USA	+442.3750	None	EDT -0400
4730	K9IP	Indianapolis	IN	USA	+443.4250	94.8	EDT -0400
7953	K9MAR	Naked PiRLP Milwaukee	WI	USA	446.3000	71.9	CDT -0500
4598	K9MMQ	Roanoke	IN	USA	+927.0250	141.3	CDT -0500
8721	K9QI	Schaumburg	IL	USA	+443.5750	114.8	CDT -0500
8375	K9REF	Eaton	IN	USA	433.5000	97.4	EDT -0400
8857	K9SYK	Avon	IN	USA	147.4200	100.0	EDT -0400
5160	K9VKG	Madison	WI	USA	145.7100	123.00	CDT -0500
4330	K9WZ	Plymouth	IN	USA	+147.2850	131.8	EDT -0400
7590	KA0BBQ	Thornton	CO	USA	446.8750	100.0	MDT -0600
3984	KA0BSA	Steamboat Springs	CO	USA	147.4800	107.2	MDT -0600
4288	KA0JQO	Mountville	PA	USA	+147.1050	94.8	EDT -0400
4473	KA1IFQ	Oxford	CT	USA	0.0000	None	EDT -0400
7396	KA1MZY	Nixon (PiRLP)	TX	USA	147.5700	123	CDT -0500
3221	KA1MZY	San Antonio	TX	USA	147.5150	123	CDT -0500
8044	KA1MZY	Mohawk	NY	USA	147.5150	123	EDT -0400
7647	KA1MZY	Mobile Node (See GPS loc)	TX	USA	446.0250	100.0	CDT -0500
4524	KA1REO	Kingston,	RI	USA	446.8750	100.0	EDT -0400
4364	KA4BNI	Weakley County IRLP node	TN	USA	+442.1500	131.8	CDT -0500
4871	KA4RRM	Pembroke Pines	FL	USA	446.8750	100.0	EDT -0400
3686	KA6AMR	Duarte	CA	USA	+146.0850	110.90	PDT -0700
3907	KA6GEM	Piedmont	CA	USA	439.9800	114.8	PDT -0700
3237	KA6OKV	Pinedale	WY	USA	446.8750	100.0	MDT -0600
3585	KA6TBF	Mission Viejo	CA	USA	+146.1600	100	PDT -0700
8383	KA7G	Sun City West	AZ	USA	+442.4500	91.5	MST -0700
7717	KA7NSR	Tempe	AZ	USA	0.0000	None	MST -0700
7707	KA7O	Casper	WY	USA	-449.5750	173.8	MDT -0600
7454	KA7TVM		AZ	USA	147.5800	None	MST -0700
3687	KA7ZEM	Mesa	AZ	USA	-449.5500	100	MST -0700
4463	KA8YRL	Jackson	MI	USA	+444.1750	100	EDT -0400
8177	KA9SLN	Fort Wayne	IN	USA	224.7800	141.3	EDT -0400
3779	KB0BWG	Ennis	TX	USA	+444.8250	131.8	CDT -0500
7074	KB0GRP	Mobile Node	NE	USA	0.0000	None	CDT -0500
7761	KB0GRP	Inman	NE	USA	0.0000	None	CDT -0500
3457	KB0GRP	O'Neill	NE	USA	-146.6100	131.8	CDT -0500
4874	KB0GRP	Mobile	NE	USA	0.0000	None	CDT -0500
7299	KB0GRP	Inman	NE	USA	0.0000	None	CDT -0500
4549	KB0IXM	Fargo PiRLP EchoIRLP (28469)	ND	USA	+145.4900	82.5	CDT -0500
4828	KB0LSM	Saint Joseph	MO	USA	446.8750	100.0	EDT -0400
4521	KB0P	Ishpeming	MI	USA	446.8750	100.0	EDT -0400
8993	KB0P	Ishpeming	MI	USA	+443.5000	100.0	EDT -0400
7425	KB0ZEN	Swansea	CO	USA	146.5000	151.4	EDT -0400
4395	KB1AEV	Vernon	CT	USA	+147.3450	77.0	EDT -0400
8489	KB1CGQ	FGO MINI NODE CT	CT	USA	433.0000	74	EDT -0400
4372	KB1FX	Woburn	MA	USA	224.9875	77.0	EDT -0400
4314	KB1GXW	Boston	MA	USA	-223.8600	100.0	EDT -0400
8187	KB2AHZ	443.525 linked to 147.00	VA	USA	+443.5250	100	EDT -0400
4516	KB2CHM	Churchville	NY	USA	443.1000	110.9	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4923	KB2ERJ	Camillus	NY	USA	446.9000	None	EDT -0400
4242	KB2NYH	Rosedale	NY	USA	0.0000	None	EDT -0400
4222	KB2SOZ	Macedon	NY	USA	+444.9250	88.5	EDT -0400
4434	KB2WVY	Venice	FL	USA	+442.0500	100.0	EDT -0400
8051	KB3CXQ	Aurora	WV	USA	146.4100	103.5	EDT -0400
8856	KB3FWW	Great Mills	MD	USA	449.4900	146.2	EDT -0400
4448	KB3HIY	King of Prussia	PA	USA	-447.0750	123.0	EDT -0400
4014	KB3SNM	Spring Grove, PA. Micro-No	PA	USA	147.5400	88.5	EDT -0400
4641	KB4CRG	Huntsville	AL	USA	+444.5750	100.0	CDT -0500
4348	KB4KDL	PORTLAND	TN	USA	146.4600	None	CDT -0500
4503	KB4PTJ	Williamsburg	KY	USA	444.0500	100	CDT -0500
4692	KB4PTJ	Shelbville	KY	USA	446.8750	100.0	EDT -0400
4943	KB4ZIN	Williamsburg	VA	USA	+147.1050	None	EDT -0400
3676	KB5GAS	Albuquerque	NM	USA	-147.3800	162.2	MDT -0600
3231	KB5GLA	Fort Stockton	TX	USA	446.8750	100.0	CDT -0500
3845	KB5GLC	San Angelo	TX	USA	+444.5000	162.2	CDT -0500
7958	KB5GLV	NW Fort Worth	TX	USA	439.6000	110.9	CDT -0500
3176	KB5IC	San Jose	CA	USA	446.8750	100.00	PDT -0700
8663	KB5YZB	Aurora	CO	USA	147.4500	114.8	MDT -0600
3154	KB6EVR	Costa Mesa	CA	USA	446.8750	100.0	PDT -0700
3999	KB6I	BRISTOL, TN	TN	USA	-449.0750	103.5	EDT -0400
3020	KB6KPK	Orange	CA	USA	223.6500	88.5	PDT -0700
7936	KB6OT	Redondo Beach	CA	USA	145.7700	110.9	PDT -0700
3139	KB6Q	Nipomo Central Coast	CA	USA	+444.7000	100	PDT -0700
7925	KB6XN	Las Vegas	NV	USA	0.0000	None	PDT -0700
7583	KB7B	Schinnen	LI	Netherlands	0.0000	71.9	CEST +0200
3424	KB7ITU	REXBURG	ID	USA	-447.8750	100.0	MDT -0600
4482	KB7M	Orem	UT	USA	-145.4700	100.0	MDT -0600
7153	KB7MA	Washougal	WA	USA	446.8750	100.0	PDT -0700
8770	KB7ZPL	Vancouver	WA	USA	146.5500	107.2	PDT -0700
8944	KB8PGF	Fenton	MI	USA	+443.9750	67.0	EDT -0400
4818	KB8ZGL	Greenville	MI	USA	-927.4875	131.8	EDT -0400
4316	KB9KLD	Maryville	IL	USA	+443.2000	103.50	CDT -0500
4134	KB9PTI	Club AIRA Chicago	IL	USA	+443.9750	114.8	CDT -0500
4618	KB9QJN	Merrill	WI	USA	+146.6400	114.8	CDT -0500
7501	KB9QNF	Lakeland	FL	USA	146.5500	100.0	EDT -0400
4834	KB9VE	Anderson	IN	USA	+147.0900	110.90	EDT -0400
4772	KC0ARF	Green Bay	WI	USA	146.4000	123.0	CDT -0500
3854	KC0CVU	Colorado Springs	CO	USA	+147.3450	107.2	MDT -0600
7094	KC0FAN	Omaha	NE	USA	446.8750	100.0	CDT -0500
3774	KC0HH	Lamar	CO	USA	-449.5000	123.0	MDT -0600
7178	KC0IBL	Longmont	CO	USA	0.0000	100.0	MDT -0600
7246	KC0JIT	Grand Junction	CO	USA	447.0750	136.5	MDT -0600
8717	KC0MPD	Beverly Hills	FL	USA	+444.6000	146.2	EDT -0400
8113	KC0MYX	Webster	SD	USA	+442.1000	88.5	CDT -0500
7429	KC0OUP	Broomfield Colorado	CO	USA	144.9750	None	MDT -0600
3818	KC0QIZ	Albuquerque	NM	USA	+443.8500	103.5	PDT -0700
7346	KC0TJN	Sioux Falls	SD	USA	+444.2000	82.5	CDT -0500
7817	KC0WNG	Miller	SD	USA	440.6500	241.8	CDT -0500
7297	KC0YHU	Urbandale	IA	USA	0.0000	None	CDT -0500
7266	KC0ZME	K-Link - Derby (Pi)	KS	USA	-146.6400	151.4	CDT -0500
4532	KC2ABV	Bethlehem	PA	USA	446.8750	100.0	EDT -0400
4513	KC2CWT	Carmel	NY	USA	+224.0200	136.5	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4889	KC2IVI	East Greenbush	NY	USA	+147.3300	146.2	EDT -0400
8733	KC2OUR	Goshen	NY	USA	-449.6750	162.2	EDT -0400
4012	KC2RQR	Staten Island piRLP	NY	USA	+442.3000	141.3	EDT -0400
8039	KC2SHO	Marlton/Mt Laurel	NJ	USA	443.1000	203.5	EDT -0400
4227	KC2UFO	Merritt Island	FL	USA	+444.7750	107.2	EDT -0400
8838	KC4AAC	Palmer Station	--	Antarctica	146.5200	None	CLT -0400
5520	KC4SFA	Key Largo [ILS]	FL	USA	+147.1650	None	EDT -0400
4897	KC4SLE	Lafollette	TN	USA	0.0000	None	EDT -0400
5770	KC4VDZ	Richmond	VA	USA	+442.3000	114.80	EDT -0400
7394	KC5CZX	Shallowater	TX	USA	+441.4000	123.0	MDT -0600
7819	KC5CZX	Lubbock	TX	USA	+444.1750	123.0	MDT -0600
7855	KC5IPK	Rio Rancho	NM	USA	+442.7500	162.2	MDT -0600
3256	KC5ZCH	Ellendale	ND	USA	145.6700	146.2	MST -0700
3278	KC6PXL	Los Angeles ((S F V))	CA	USA	-145.1200	103.5	PDT -0700
8616	KC6PXL	Guayaquil ((Guayas))	EC	Ecuador	-145.1200	103.5	ECT -0500
7858	KC6VQN	Chatsworth peak	CA	USA	+224.4400	100.0	ECT -0500
3782	KC6ZBE	League City	TX	USA	146.5600	100.0	CDT -0500
7778	KC7AAD	Nine Mile	WA	USA	446.0750	192.8	PDT -0700
3363	KC7CUE	Eureka	MT	USA	146.5800	100.0	MDT -0600
7818	KC7FP	Scottsdale, Phoenix	AZ	USA	+446.6750	146.2	MST -0700
3820	KC7GHT	Phoenix - EchoIRLP	AZ	USA	-447.5750	151.40	MST -0700
7571	KC7HCR	Three Forks	MT	USA	446.6600	67.0	MDT -0600
3599	KC7NQU	Yacolt	WA	USA	+441.2000	107.2	PDT -0700
3543	KC7RJK	Eugene	OR	USA	+440.5000	100.0	PDT -0700
7077	KC7TIG	Oldtown	ID	USA	147.4400	100.0	PDT -0700
8350	KC7TIG	Spirit Lake	ID	USA	+444.2500	110.9	PDT -0700
3481	KC7TIG	Moyie Springs	ID	USA	147.4400	100.	PDT -0700
3929	KC7TIG	Sandpoint	ID	USA	147.5500	100.0	PDT -0700
7822	KC7TIG	Bonnors Ferry	ID	USA	147.4900	100.0	PDT -0700
8178	KC8MTV	Lancaster	OH	USA	432.5000	None	EDT -0400
4873	KC8NDZ	Nitro	WV	USA	-145.4300	107.20	EDT -0400
4547	KC8RBZ	Cincinnati East Side	OH	USA	146.5050	110.9	EDT -0400
8618	KC9EOD	Columbus Nano Node	IN	USA	446.8750	100.0	EDT -0400
4609	KC9HZZ	Greenville	IN	USA	446.0000	None	EDT -0400
4139	KC9MEW	Princeton	IN	USA	0.0000	None	EDT -0400
8969	KC9PFX	Indianapolis	IN	USA	147.5250	94.8	EDT -0400
8996	KC9WKE	YOUNGSTOWN	OH	USA	144.9100	None	EDT -0400
4365	KC9ZAR	Washington	IN	USA	+443.2250	107.2	EDT -0400
3005	KD0CST	Shepherd/Billings	MT	USA	146.4000	118.8000	MDT -0600
7884	KD0CST	Kalispell	MT	USA	146.4000	None	MDT -0600
4010	KD0ETV	Marceline	MO	USA	+443.1500	110.9	CDT -0500
7617	KD0NQA	Denver	CO	USA	147.4200	None	CDT -0500
7573	KD0SMZ	Grand Junction	CO	USA	-449.7750	173.8	CDT -0500
3241	KD0SSP	Denver	CO	USA	+147.2100	100.0	MDT -0600
3764	KD0WHB	Socorro	NM	USA	+444.9000	100.0	MDT -0600
7652	KD0WPK	Des Moines	IA	USA	-29.6700	103.5	MDT -0600
4872	KD0YBD	Broomfield	CO	USA	446.8750	100.0	MDT -0600
7224	KD0YTI	Council Bluffs	IA	USA	446.8750	100.0	CDT -0500
8562	KD3SU	Boonsboro, MD	MD	USA	147.4400	79.7	EDT -0400
8841	KD3SU	Boonsboro	MD	USA	0.0000	79.7	EDT -0400
8642	KD4MC	Johnston County ARES EC	NC	USA	446.8750	100.0	EDT -0400
4260	KD4RAA	Raleigh	NC	USA	+146.7750	100.0	EDT -0400
4097	KD4RV	Winter Haven [ILS]	FL	USA	146.5650	127.3	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
8631	KD5AR	Jonesboro	AR	USA	147.4200	100.0	CDT -0500
3337	KD5OXM	Corsicana	TX	USA	-145.2900	146.2	CDT -0500
3512	KD5YOU	Richmond	TX	USA	446.0750	100.0	CDT -0500
7846	KD6CNS	Mokelumne Hill	CA	USA	51.5000	None	PDT -0700
7208	KD6DIQ	Yucca Valley	CA	USA	446.6500	100.0	PDT -0700
7182	KD6DIQ	Yucca Valley	CA	USA	145.7700	067.0	PDT -0700
7249	KD6KAC	Gerlach (Black Rock desert)	NV	USA	+440.1750	100.0	PDT -0700
7899	KD6LKM	Modesto	CA	USA	439.7750	127.3	PDT -0700
7434	KD6OIJ	Tulsa	OK	USA	445.5000	77.0	CDT -0500
3894	KD6WAB	Salem	OR	USA	147.4100	127.3	PDT -0700
3520	KD6ZBE	Killeen	TX	USA	441.0250	110.9	CDT -0500
7718	KD7AAT	Nipomo	CA	USA	446.8750	100.0	PDT -0700
7101	KD7AXF	Las Vegas	NV	USA	446.5500	123.0	PDT -0700
7392	KD7DPW	Trucking Mobile Node	NV	USA	443.4000	100.0	PDT -0700
3372	KD7KMU	Laramie	WY	USA	446.0250	None	MDT -0600
7634	KD7KMU	Laramie Mobile Node	WY	USA	445.8000	100.0	MDT -0600
3634	KD7OGD	Everett	WA	USA	147.5000	100.0	PDT -0700
3342	KD7SU	Cheyenne	WY	USA	146.4400	100.0	MDT -0600
8636	KD8AJC	Kalamazoo	MI	USA	223.4400	94.8	EDT -0400
8921	KD8GEH	Troy	OH	USA	145.6050	123.0	EDT -0400
4185	KD8GRN	Stoutsville	OH	USA	+443.0625	71.9	EDT -0400
8836	KD8TBC	Hazel Park	MI	USA	145.7150	100	EDT -0400
4843	KD8UJS	Jonesville	MI	USA	446.8750	100.0	EDT -0400
3889	KE0DWY	Wellington	CO	USA	-446.5550	131.8	MDT -0600
7189	KE0GGD	Grand Junction	CO	USA	0.0000	None	MDT -0600
4016	KE2EJ	Plainview	NY	USA	-447.2000	136.5	EDT -0400
8593	KE3JP	Greenville	PA	USA	+146.4450	186.2	EDT -0400
7158	KE4CNU	Las Vegas	NV	USA	446.8750	100.0	PDT -0700
8814	KE4GJG	London KY ALLSTAR Bridge 43	KY	USA	+147.1800	74.4	EDT -0400
3350	KE4GUQ	Denver / Boulder & Front Ra	CO	USA	-145.3400	103.50	MDT -0600
3808	KE4GUQ	Thornton	CO	USA	223430.0000	151.4	MDT -0600
4045	KE4IFI	Lexington SC	SC	USA	145.0000	123	EDT -0400
8539	KE4NNY	Fort Lauderdale	FL	USA	146.4300	110.9	EDT -0400
3534	KE5BR	Olathe	KS	USA	+442.2000	151.4	CDT -0500
3622	KE5JTS	Woodbridge	CA	USA	441.0000	107.2	PDT -0700
3213	KE5NAJ	Rockport	TX	USA	441.3500	118.8	CDT -0500
4548	KE5PCC	Richmond	TX	USA	446.0500	100.00	CDT -0500
8614	KE5RPI	Caremcro	LA	USA	439.9750	103.5	CDT -0500
7738	KE5YKM	Copperas Cove	TX	USA	147.5000	136.5	CDT -0500
7632	KE6ALW	Moreno Valley / Nano-node	CA	USA	0.0000	None	PDT -0700
7541	KE6IXK	Westminster	CA	USA	444.5500	141.3	PDT -0700
3650	KE6PCV	Los Angeles - Calnet	CA	USA	-447.7200	100.00	PDT -0700
3651	KE6PCV	Los Angeles - Calnet	CA	USA	+447.7200	100.00	PDT -0700
8853	KE6PJF	Huntingtown	MD	USA	0.0000	None	EDT -0400
3217	KE6TZG	San Bernardino	CA	USA	+146.3850	146.2	PDT -0700
3216	KE6TZG	San Bernardino	CA	USA	-146.3850	146.2	PDT -0700
3718	KE6VRL	Dana Point	CA	USA	145.7400	136.5	PDT -0700
3532	KE6VUS	Paradise Nano Mobile	CA	USA	435.2250	67.0	PDT -0700
5530	KE6YRU	Indianapolis	IN	USA	447.4200	100.0	EDT -0400
8599	KE6YRU	Indianapolis	IN	USA	446.8750	100.00	EDT -0400
4514	KE7EFB	Portland	OR	USA	446.8750	100.0	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4326	KE7EZJ	Kent	WA	USA	445.5000	77.0	PDT -0700
3831	KE7FGB	Green River	WY	USA	446.5500	123	MDT -0600
7637	KE7FYC	Kingman, AZ	AZ	USA	446.8750	173.8	MST -0700
7079	KE7GFZ	Cougar Mountian	WA	USA	+441.8250	103.5	PDT -0700
3628	KE7JFA	Roberts - EchoIRLP #319230	ID	USA	-448.8000	100	MDT -0600
7345	KE7LVH	Bennington	ID	USA	146.4800	100	MDT -0600
7152	KE7NRA	Coulee Dam	WA	USA	-146.8600	100.0	PDT -0700
3502	KE7PG	Spokane Valley	WA	USA	-146.6600	100.0	PDT -0700
3564	KE7VGF	Portland	OR	USA	446.0250	100.0	PDT -0700
4621	KE8ANU	Marysville	OH	USA	-145.3500	127.3	EDT -0400
4186	KE8O	Delaware-Columbus	OH	USA	+443.5500	107.2	EDT -0400
4212	KE9V	Muncie	IN	USA	446.7750	131.8	EDT -0400
8791	KF2GV	New York	NY	USA	0.0000	None	EDT -0400
6969	KF2GV	SYOSSET	NY	Armenia	0.0000	None	EDT -0400
4787	KF4LZA	Ft. Lauderdale-Echolink #47	FL	USA	+443.7500	110.9	EDT -0400
8542	KF4LZA	SOUTH FLORIDA	FL	USA	0.0000	None	EDT -0400
4324	KF4OVA	Kernersville	NC	USA	445.0000	100.0	EDT -0400
7724	KF5BRU	Harrison	AR	USA	+442.1000	123.0	CDT -0500
7763	KF5KBZ	Austin	TX	USA	441.0250	123.0	CDT -0500
7326	KF5SGT	Santa Fe	NM	USA	447.7750	100.00	CDT -0500
4810	KF6FM	Riverside	CA	USA	0.0000	None	PDT -0700
8507	KF6NUM	Orlando	FL	USA	444.6000	94.8	EDT -0400
3578	KF6OW	Peoria	AZ	USA	446.8750	100.0	MST -0700
4120	KF6SWL	Ashland-WIN System Affiliat	NE	USA	+443.7250	100.00	EST -0500
7630	KF6ZYC	Fremont	CA	USA	446.8750	None	PDT -0700
3067	KF7BIG	Issaquah	WA	USA	+442.1250	103.5	PDT -0700
3467	KF7BJI	Issaquah	WA	USA	-146.8800	88.5	PDT -0700
3723	KF7BVC	Las Vegas	NV	USA	445.3000	77.0	PDT -0700
3568	KF7FY	Pocatello - EchoIRLP #52081	ID	USA	147.5200	123.0	MDT -0600
7969	KF7MLE	Northwest Oregon (Mobile)	OR	USA	0.0000	None	PDT -0700
7665	KF7QLP	Tigard	OR	USA	145.6700	67.0	PDT -0700
3912	KF7TBT	las vegas nv	NV	USA	445.0100	100.0	PDT -0700
3074	KF7ZIY	Vancouver	WA	USA	446.8750	100.0	PDT -0700
4203	KF8YK	Chardon	OH	USA	+444.8125	131.8	EDT -0400
7277	KG0S	York	NE	USA	+444.7250	123.0	CDT -0500
7745	KG0S	Lincoln	NE	USA	+442.3000	146.2	CDT -0500
7395	KG0S	West Point - Norfolk	NE	USA	+444.1250	131.8	CDT -0500
4136	KG1H	Weston	MA	USA	+442.7000	88.5	EDT -0400
8478	KG4HOT	Harrisonburg	VA	USA	-224.5000	131.8	EDT -0400
7704	KG5BZ	Port Aransas	TX	USA	+444.1000	107.2	CDT -0500
8868	KG5DWX	Austin	TX	USA	445.3000	100.0	CDT -0500
3419	KG5IGJ	Palm Shores	FL	USA	441.1000	100.0	CDT -0500
3078	KG5IOK	Spring	TX	USA	446.8750	100.0	CDT -0500
3156	KG5LBP	Austin	TX	USA	446.8750	100.0	CDT -0500
3003	KG5MTF	Spring	TX	USA	146.4200	123.0	CDT -0500
8512	KG5PXX	Tupelo	MS	USA	446.8750	100.0	EDT -0400
7214	KG6DKE	Pleasanton	CA	USA	0.0000	None	PDT -0700
8267	KG6LIN	Thousand Oaks	CA	USA	445.5000	77.0	PDT -0700
7875	KG6VQF	Pahrump	NV	USA	146.5800	None	MST -0700
7834	KG7ADO	Tigard	OR	USA	146.4400	100	PDT -0700
7063	KG7JTT	Troutdale	OR	USA	446.8750	100.0	EDT -0400
7518	KG7KRN	Phoenix	AZ	USA	446.8750	100.0	MST -0700
7144	KG7MPK	Tacoma	WA	USA	442.4000	123.0	PDT -0700

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7305	KG7OHV	MAGNA	UT	USA	0.0000	None	MDT -0600
7328	KG7RBX	Tucson	AZ	USA	446.5750	141.3	MST -0700
7285	KG7RKF	Las Vegas	NV	USA	446.8750	100.0	PDT -0700
3503	KG7SD	Spokane	WA	USA	+147.1000	100.0	PDT -0700
7803	KG7VSA	Spanaway - Simplex PiRLP	WA	USA	233.4050	233.6	PDT -0700
3080	KH6FV	Honolulu	HI	USA	+443.4250	114.80	HST -1000
3197	KH6FV	Kailua-Oahu	HI	USA	+444.3750	114.8	HST -1000
3482	KH6FV	RV Portable	HI	USA	0.0000	None	HST -1000
7018	KH6RS	Wailuku Maui	HI	USA	+443.2250	110.9	HST -1000
7001	KH6RS	Kaanapali Maui	HI	USA	+442.3500	136.5	HST -1000
7020	KH6RS	Mt. Haleakala, Maui	HI	USA	+442.1000	136.5	HST -1000
7019	KH6RS	Ulupalakua Puu Mahoe	HI	USA	442.0500	136.5	HST -1000
3546	KI4VLH	Micro-Node in RV	NV	USA	446.1500	100	PDT -0700
7330	KI6DXN	Fullerton	CA	USA	0.0000	None	PDT -0700
7323	KI6PHB	Citrus Heights	CA	USA	444.5000	100.0	PDT -0700
8230	KI6SHU	So. San Francisco PiRLP	CA	USA	0.0000	None	PDT -0700
7897	KI6SVI	Coronado	CA	USA	446.8750	100.0	PDT -0700
3789	KI6TGR	Ashland	OR	USA	446.5000	None	PDT -0700
7282	KI6WTI	29 Palms	CA	USA	446.8750	100.0	PDT -0700
7035	KI6YYW	Lakeport	CA	USA	147.4300	127.3	PDT -0700
7514	KI7ILQ	Puyallup	WA	USA	446.8750	100.0	PDT -0700
4035	KI7JAA	Reno	NV	USA	446.8750	100.00	PDT -0700
7196	KI7LZM	Moses Lake	WA	USA	0.0000	None	PDT -0700
3821	KI7NAB	Trego	MT	USA	0.0000	None	PDT -0700
7799	KI7SY	Reno	NV	USA	446.0250	123.0	PDT -0700
7347	KJ5RM	Haslet	TX	USA	445.8000	110.9	CDT -0500
7666	KJ6GRS	Orange County	CA	USA	-446.7600	127.3	PDT -0700
7797	KJ6JD	Sacramento	CA	USA	+224.8200	None	PDT -0700
8405	KJ6MID	Santa Barbara	CA	USA	445.5000	None	PDT -0700
7486	KJ6NMD	Moreno Valley	CA	USA	0.0000	None	PDT -0700
7770	KJ6QVI	Mi Wuk Village	CA	USA	147.5850	210.7	PDT -0700
3802	KJ6VU	San Jose	CA	USA	+443.2250	100.0	PDT -0700
7303	KJ6VU	San Jose	CA	USA	+443.2250	131.8	PDT -0700
5850	KJ6W	Palmdale	CA	USA	-445.6000	100.00	PDT -0700
3729	KJ6WOF	Vallejo	CA	USA	-145.3100	88.5	PDT -0700
4559	KK4LST	Pembroke Pines	FL	USA	446.8750	100.0	EDT -0400
8027	KK4PP	Dania Beach	FL	USA	433.4000	100.0	EDT -0400
5413	KK6BAD	San Diego CA USA	CA	USA	-447.0400	123.0	PDT -0700
3922	KK6DSN	San Diego	CA	USA	-224.0400	123.0	PDT -0700
7466	KK6GNC	Sonora	CA	USA	441.0000	192.8	PDT -0700
3045	KK6IVC	Stanton	CA	USA	449.1000	100.0	PDT -0700
3331	KK6JAB	Santa Rosa	CA	USA	+444.9000	88.5	PDT -0700
7198	KK6JYU	San Dimas	CA	USA	146.5600	136.5	PDT -0700
3678	KK6KD	(((San Diego)))	CA	USA	-448.4600	151.4	EAST -0600
4745	KK6KD	San Diego, ((Portable))	CA	USA	-448.4600	151.4	PDT -0700
7284	KK6RQD	Fairfield	CA	USA	447.2750	100.0	PDT -0700
7149	KK6SNB	Carmichael	CA	USA	145.7000	123.0	PDT -0700
3526	KK6TYA	Salem	OR	USA	446.8750	100.00	PDT -0700
3070	KK6UQI	Hollister	CA	USA	446.8750	100.0	PDT -0700
3434	KK7DV	Salt Lake County	UT	USA	0.0000	None	PDT -0700
7450	KK7WK	Walnut Creek	CA	USA	147.5550	103.5	PDT -0700
8076	KK7Z	Las Vegas	NV	USA	0.0000	None	PDT -0700
3326	KL0TN	Juneau	AK	USA	446.8750	100.00	AKDT -0800

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7537	KL0TN	Juneau	AK	USA	147.4200	100.0	AKDT -0800
7768	KL1AC	North Pole	AK	USA	147.1800	100.0	AKDT -0800
3666	KL1IO	Valdez	AK	USA	147.5300	123.0	AKDT -0800
7201	KL1IO	Valdez Mobile Node	AK	USA	445.0000	123.0	AKDT -0800
8769	KL2DR	Nikiski	AK	USA	145.7450	123.0	AKDT -0800
7291	KL2GY	Anchorage	AK	USA	144.8800	None	AKDT -0800
7295	KL2ZZ	Juneau	AK	USA	+147.1200	123.0	AKDT -0800
7827	KL3BD	Kotzebue	AK	USA	+444.0000	103.5	AKDT -0800
8395	KL3CV	Sterling	AK	USA	145.2100	123	AKDT -0800
4160	KL3DO	Fairbanks	AK	USA	147.5700	123.0	AKDT -0800
4225	KL3HO	Anchorage	AK	USA	146.5500	None	AKDT -0800
3817	KL3JG	Anchorage	AK	USA	446.8750	100.0	AKDT -0800
8510	KL3K	Girdwood MP 90 Seward Hwy.	AK	USA	147.5700	123	AKDT -0800
7960	KL3K	Trapper Creek MP 115 Parks	AK	USA	147.4900	123.0	AKDT -0800
3313	KL3K	Palmer	AK	USA	147.5300	123.0	AKDT -0800
3996	KL3K	Victory MP 90 Glenn Hwy	AK	USA	147.5100	123.0	AKDT -0800
3167	KL3K	Willow MP 70 Parks Hwy.	AK	USA	147.4200	123.0	AKDT -0800
7922	KL3K	Anchorage	AK	USA	0.0000	None	AKDT -0800
7599	KL3MO	Bethel	AK	USA	446.8750	100.0	AKDT -0800
7441	KL3NO	Puyallup	WA	USA	145.7700	123.0	PDT -0700
3537	KL3NP	Nome	AK	USA	+145.1100	100	AKDT -0800
7592	KL3WF	Anchorage / KL3WF (6)	AK	USA	125.6250	123.0	AKDT -0800
7322	KL4AN	Anchorage	AK	USA	446.8750	100.0	AKDT -0800
7813	KL4AN	Anchorage (East Side)	AK	USA	146.6400	123.0	AKDT -0800
7146	KL7DT	Wasilla / KL7DT (3)	AK	USA	145.6000	123.0	AKDT -0800
7147	KL7DT	Wasilla	AK	USA	0.0000	123.0	AKDT -0800
4940	KL7EZ	Gallatin	TN	USA	146.5500	103.5	CDT -0500
7424	KL7GJ	Eagle River	AK	USA	145.1700	123.0	AKDT -0800
7150	KL7M	Mobile	NA	USA	0.0000	123.0	PDT -0700
4224	KL7M	Mobile Pi-Baofeng	NA	USA	0.0000	None	AKDT -0800
3007	KL7M	Mobile Node	NA	USA	0.0000	None	AKDT -0800
3525	KL7M	Anchorage	AK	USA	0.0000	None	AKDT -0800
7639	KL7MT	Willow	AK	USA	145.5500	123.0	AKDT -0800
3824	KL7PS	Mobil Nano-Node Anchorage	AK	USA	446.8000	103.5	AKDT -0800
7254	KL7RAM	Nome	AK	USA	+147.3600	103.5	AKDT -0800
7252	KL7RAM	Nome	AK	USA	+146.7000	103.5	AKDT -0800
3289	KL7RAM	Unalakleet	AK	USA	+444.9000	103.5	AKDT -0800
7659	KL7RW	Knik Glacier / KL7RW (7)	AK	USA	145.7900	123.0	AKDT -0800
7495	KL7RW	Greater Anchorage Area (5)	AK	USA	445.6000	123.0	AKDT -0800
7267	KL7Y	PALMER	AK	USA	146.6000	None	AKDT -0800
7038	KM0HP	St. Joseph	MO	USA	+443.9500	151.4	CDT -0500
7863	KM0HP	Lee's Summit	MO	USA	+444.4500	151.4	CDT -0500
3118	KM0R	Midway	MO	USA	445.9000	127.3	CDT -0500
8924	KM4BWG	Ponce	PR	USA	147.9500	100	AST -0400
5995	KM4NNO	Mexico City	DF	Mexico	146.4000	None	CDT -0500
5334	KM4NNO	Mexico City	DF	Mexico	0.0000	None	CDT -0500
7415	KM6DYO	San Bruno	CA	USA	147.5500	114.8	PDT -0700
3544	KM6U	Sonora	CA	USA	147.5700	79.7	PDT -0700
7849	KM6U	Sonora	CA	USA	147.5700	67.0	PDT -0700
4171	KN2R	Cape Coral	FL	USA	+444.7250	136.5	EDT -0400
8003	KN4CI	Moulton	AL	USA	-146.9600	107.2	CDT -0500
7900	KN4KL	Virginia Beach	VA	USA	146.4900	100.0	EDT -0400
7126	KN6KI	Anderson	CA	USA	145.5400	110.9	PDT -0700

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7420	KO6I	Sequim	WA	USA	0.0000	None	PDT -0700
7442	KP3IV	Pi Naked Node Manati	PR	Puerto Rico	448.9500	151.4	AST -0400
7342	KP3IV	Manati, PiRLP	PR	Puerto Rico	-448.9500	151.4	AST -0400
7669	KP4AP	Sto.Dgo. PiRLP	DN	Dominican Republic	146.5700	100.0	AST -0400
7192	KP4CJ	Tampa	FL	USA	442.4000	100.0	AST -0400
7498	KP4CV	Killeen	TX	USA	146.4200	100.0	CDT -0500
8651	KP4CZ	Chesterfield	VA	USA	+147.4900	100.0	EAST -0600
4075	KP4E	Grosse Pointe Farms	MI	USA	145.6800	100.0	EDT -0400
4343	KP4EOP	Naked PiRLP Chicago	IL	USA	446.3000	71.9	CDT -0500
7777	KP4EOP	PiRLP Rio Grande	PR	Puerto Rico	-448.1500	100.00	AST -0400
7569	KP4IP	San Juan	PR	Puerto Rico	-448.6750	100	EDT -0400
8012	KP4MPR	Jacksonville, Fl. USA	FL	USA	0.0000	None	EDT -0400
4085	KP4TR	Naked PiRLP Tampabay	FL	USA	147.5250	71.9	EDT -0400
4898	KP4WK	Naked PiRLP Ponce	PR	Puerto Rico	147.5650	71.9	EDT -0400
8265	KQ0J	Sun City Center	FL	USA	445.8000	100.0	EDT -0400
7405	KR6BEN	Benicia	CA	USA	147.5400	None	PDT -0700
3998	KR6WP	Belmont	CA	USA	0.0000	None	PDT -0700
8240	KR6WP	San Carlos	CA	USA	+0.0000	None	PDT -0700
7947	KR6WP	Menlo Park	CA	USA	0.0000	None	PDT -0700
3726	KR6WP	Redwood City	CA	USA	0.0000	None	PDT -0700
3882	KR6WP	Sign Hill	CA	USA	0.0000	None	PDT -0700
3607	KR7K	Clearfield	UT	USA	+447.1500	114.8	MDT -0600
7275	KS0LNK	K-Link - Minneapolis (Pi2)	KS	USA	+444.8500	162.2	CDT -0500
7551	KS0LNK	K-Link - El Dorado Hub (PC)	KS	USA	+443.1000	162.2	CDT -0500
8155	KS3M	Abbottstown [S. Central PA]	PA	USA	147.5100	110.9	EDT -0400
8598	KS3M	Abbottstown	PA	USA	446.3250	110.9	EDT -0400
4208	KS4BO	Roanoke	VA	USA	+443.6750	110.9	EDT -0400
7683	KS6P	Rancho Cordova	CA	USA	146.4450	127.3	PDT -0700
7557	KT7CA	OROVILLE	WA	USA	146.4200	None	PDT -0700
4370	KT8APR	Lima	OH	USA	-145.3700	107.2	EDT -0400
4555	KU0MED	Kansas City	KS	USA	+442.3250	151.4	CDT -0500
7607	KU6V	Morgan Hill	CA	USA	-223.9200	110.8	PDT -0700
3620	KU6V	SF Bay Area	CA	USA	-224.1800	94.8	PDT -0700
3943	KV7JPL	Seattle	WA	USA	446.8750	100.00	PDT -0700
3927	KV7U	Morton	WA	USA	445.1500	110.9	PDT -0700
7271	KX5DX	Nolanville	TX	USA	147.4400	100.0	CDT -0500
3066	KX7VC	Highland	UT	USA	0.0000	None	MDT -0600
4945	KY4K	Lexington	KY	USA	-146.9400	88.5	EDT -0400
4506	KY7J	Big Lake	AK	USA	145.5000	123.0	AKDT -0800
5466	LA8VRR	Mosjoen	NOR	Norway	145.2875	71.9	CEST +0200
5468	LA9KY	Mosjoen	NOR	Norway	145.2125	88.5	CEST +0200
5452	M1ATM	Denton Manchester	MAN	England	51.9500	82.5	CEST +0200
8573	M1EMB	Davenport	FL	USA	147.5000	82.5	EDT -0400
5292	M1ESA	Hull	UK	England	430.0125	None	EDT -0400
5191	M1JCB	The Lake District N-West UK	LAN	England	0.0000	None	EDT -0400
5118	M1JCB	Lake District	UK	England	0.0000	None	EDT -0400
5035	M3NRQ	Sheffield	SY	England	434.6000	88.5	BST +0100
5196	MB7AED	Edinburgh	LOTH	Scotland	430.0625	94.80	GMT +0000
8950	MB7AEG	Sunningdale	BRK	England	430.0125	77.0	BST +0100
5200	MB7ALB	RPi-ECHO-IRLP#1075 Rotherha	SY	England	145.2875	71.90	BST +0100
5501	MB7IAA	Scunthorpe	LIN	England	145.2375	88.5	BST +0100

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
5100	MB7IGC	Sheffield	SY	England	145.3375	71.9	BST +0100
7772	N0AFO	East Vail	CO	USA	-146.6100	107.2	MDT -0600
7046	N0AHL	Aberdeen	SD	USA	+147.0300	146.2	CDT -0500
8136	N0EXE	Galesville	WI	USA	446.0250	131.8	CDT -0500
7268	N0FH	Estes Park	CO	USA	-146.6850	123.0	MDT -0600
7627	N0IQ	North Platte	NE	USA	+147.3300	123.0	CDT -0500
7449	N0JPE	Fairview	SD	USA	146.5600	67.0	CDT -0500
3974	N0JPX	La Veta	CO	USA	145.3550	100	MDT -0600
7446	N0KOM	Logan	KS	USA	+442.3000	162.2	CDT -0500
7426	N0KOM	K-Link - Lenora (PC)	KS	USA	-146.8800	162.2	CDT -0500
5090	N0MFB	Danville	CA	USA	144.3550	100.00	PDT -0700
3239	N0PBA	Mankato	MN	USA	+147.2400	136.5	CDT -0500
7166	N0PIH	Newport	NE	USA	146.4500	88.5	CDT -0500
3951	N0PQV	Applewood - LEOS	CO	USA	0.0000	None	MDT -0600
3345	N0PUF	Englewood	CO	USA	-449.6000	100.00	MDT -0600
3535	N0SJK	Ogallala	NE	USA	445.7000	123	MDT -0600
3712	N0STY	Akron	CO	USA	446.8750	100.0	MDT -0600
7287	N0SWE	New Castle	CO	USA	446.5000	100.0	MDT -0600
3450	N0SZ	Boulder [RMHR]	CO	USA	-447.7500	141.3	MDT -0600
7132	N0SZ	Denver [RMHR]	CO	USA	-448.2250	141.3	MDT -0600
8438	N0TAZ	Newark	NJ	USA	222.2750	None	EDT -0400
4662	N0UGO	North Platte mobile node	NE	USA	147.5550	123.0	EDT -0400
5960	N1BOW	Niantic	CT	USA	-446.7500	151.7	EDT -0400
8812	N1DOT	Turner	ME	USA	146.4300	67.0	EDT -0400
5920	N1JBC	North Providence	RI	USA	-449.2250	141.3	EDT -0400
7121	N1KN	Thousand Oaks	CA	USA	445.9250	67.0	PDT -0700
4655	N1LMA	Westerly	RI	USA	-449.6750	127.3	EDT -0400
8404	N1RIK	McCain / Aberdeen ARES - RA	NC	USA	+442.2500	107.2	EDT -0400
4751	N1UEC	Wrentham	MA	USA	+147.0900	146.2	EDT -0400
4486	N1UEC	Wrentham	MA	USA	-927.4875	131.8	EDT -0400
3699	N1UPS	Westminster	CO	USA	-449.3000	100.0	MDT -0600
8035	N1UPS	Westminster	CO	USA	-449.9250	114.8	MDT -0600
4402	N2CJE	Bay Shore	NY	USA	447.4250	100.0	EDT -0400
4714	N2DSP	Lansdale	PA	USA	146.5700	74.4	EDT -0400
4255	N2FCC	Union	NJ	USA	145.6150	123	EDT -0400
4396	N2JBM	East Northport	NY	USA	146.5700	100.0	EDT -0400
4207	N2LEN	East Windham	NY	USA	+147.1500	114.8	EDT -0400
4844	N2LYJ	Buffalo [ILS]	NY	USA	-927.3250	88.5	EDT -0400
4740	N2MH	West Orange	NJ	USA	+442.6000	141.3	EDT -0400
4411	N2NFI	Manorville	NY	USA	-145.3700	136.5	EDT -0400
8151	N2PDO	Naked PiRLP Portable 4G+LTE	NY	USA	446.2000	74.4	EDT -0400
8929	N2QKV	Brick	NJ	USA	-224.7600	131.8	EDT -0400
4246	N2TDI	Palm Coast	FL	USA	-145.4100	123.0	EDT -0400
8117	N2WLS	South Wales	NY	USA	147.4200	100.0	EDT -0400
4948	N3CB	Plymouth Meeting	PA	USA	448.6750	107.2	EDT -0400
4040	N3CDY	Baltimore	MD	USA	-449.6250	156.7	EDT -0400
3752	N3CKF	Volcano	CA	USA	446.4875	None	PDT -0700
4712	N3HF	Silver Spring	MD	USA	+443.4500	156.7	EDT -0400
4291	N3HF	Ocean City	MD	USA	+443.4500	151.4	EDT -0400
4624	N3HFK	Hopkinton	MA	USA	-927.8875	131.8	EDT -0400
4760	N3IO	Newtown Square	PA	USA	+147.1950	100.0	EDT -0400
4628	N3LLO	New Ipswich (PiRLP)	NH	USA	147.5700	None	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
3418	N3TOY	Las Vegas	NV	USA	-927.1125	None	PDT -0700
8707	N3TX	Myrtle Beach, SC	SC	USA	223.4750	127.3	EDT -0400
4073	N3TX	Myrtle Beach	SC	USA	145.5000	88.5	EDT -0400
8277	N3VSI	Edgewood, Md	MD	USA	146.5600	127.3	EDT -0400
3405	N3ZUU	Breinsville	PA	USA	147.5700	131.8	EDT -0400
4458	N4AI	Somerset	KY	USA	-224.3000	None	EDT -0400
4647	N4BSA	Clearwater	FL	USA	-146.9700	146.2	EDT -0400
4318	N4DFQ	Somerset	KY	USA	223.5000	None	EDT -0400
8317	N4FOB	Port Charlotte	FL	USA	+442.7000	136.5	EDT -0400
4283	N4LJQ	Miami	FL	USA	446.8750	100.0	EDT -0400
4821	N4LJQ	Miami	FL	USA	442.9500	127.3	EDT -0400
4742	N4LX	Cullman	AL	USA	147.4800	156.7	CDT -0500
4637	N4TCP	Clayton	NC	USA	+443.6750	146.2	EDT -0400
4384	N4UYV	Pittsfield Nano-Node	MA	USA	433.5000	107.2	EDT -0400
7843	N5AQM	Chandler	AZ	USA	446.8750	100.0	MST -0700
7645	N5BZM	Groves	TX	USA	+147.2000	118.8	CDT -0500
3097	N5FAZ	El Paso	TX	USA	+442.1250	103.5	MDT -0600
3079	N5GI	Gunter	TX	USA	430.1250	127.3	CDT -0500
4640	N5LEZ	Wichita Falls	TX	USA	+444.9750	192.80	CDT -0500
3233	N5MXE	Midland	TX	USA	+442.0250	162.2	CDT -0500
7983	N5MXI	Corpus Christi [Nano-Node]	TX	USA	446.9000	100.0	CDT -0500
5866	N5NEB	HAMMON	OK	USA	+444.5250	88.5	CDT -0500
7448	N5OAK	Austin - Oak Hill	TX	USA	+147.3200	114.8	CDT -0500
7364	N5PMB	Fort Worth	TX	USA	440.8500	110.9	CDT -0500
4032	N5RLN	Houston	TX	USA	446.8750	100.00	CDT -0500
3657	N5SIM	Pharr	TX	USA	+440.6000	82.5	CDT -0500
3969	N5SMX	Graham	TX	USA	+147.0000	110.9	CDT -0500
8016	N5UXT	New Orleans	LA	USA	+444.9500	114.8	EDT -0400
3018	N5XWD	Houston	TX	USA	+444.3000	123.0	CDT -0500
3178	N5XXO	Odessa	TX	USA	+444.1000	162.2	CDT -0500
3753	N5ZUA	Bayou Vista	TX	USA	+147.0400	100.0	CDT -0500
3192	N5ZUA	Honolulu	HI	USA	0.0000	None	HST -1000
3076	N6AMO	Monterey	CA	USA	444.4750	110.9	PDT -0700
3861	N6EED	Rancho Cucamonga	CA	USA	446.8750	100.0	PDT -0700
3244	N6EOC	San Carlos NOC	CA	USA	0.0000	None	PDT -0700
3938	N6EOC	San Carlos NOC	CA	USA	0.0000	None	PDT -0700
3884	N6EW	Los Angeles (B.A.R.C. 4)	CA	USA	+445.3200	None	PDT -0700
8912	N6GGS	Wrightwood	CA	USA	446.3000	None	PDT -0700
7650	N6ICW	Sacramento - Lake Tahoe 147	CA	USA	+147.1950	123.0	PDT -0700
3580	N6ICW	Sacramento	CA	USA	+441.7750	77.00	PDT -0700
3470	N6ICW	Sacramento	CA	USA	+927.0500	77.0	PDT -0700
7524	N6IQY	Yuba City	CA	USA	+145.2100	127.3	PDT -0700
3521	N6KKH	Pahrump,	NV	USA	446.8750	100.0	PDT -0700
7966	N6KMR	ALTURAS	CA	USA	+444.2500	100	PDT -0700
7069	N6LPW	Menifee	CA	USA	446.9500	100.0	PDT -0700
3451	N6MEF	Santa Clara	CA	USA	-927.8375	100.0	PDT -0700
7075	N6PLL	Rockford	MI	USA	146.5550	123	EDT -0400
3448	N6RBR	Redondo Beach [WALA]	CA	USA	223.6600	100.0	PDT -0700
7421	N6RJA	San Pedro	CA	USA	-446.5250	None	PDT -0700
7464	N6SBC	Hollister	CA	USA	+147.3150	94.8	PDT -0700
3967	N6SGX	Hemet	CA	USA	446.0000	100.0	PDT -0700
3901	N6SMU	Bakersfield	CA	USA	+444.7500	141.3	PDT -0700
3589	N6SPD	Monterey Bay Fisherman's Wh	CA	USA	+444.2750	100.0	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
3123	N6SPD	Monterey Bay	CA	USA	+441.6500	123	PDT -0700
3234	N6SPD	PiRLP Portable Node Montere	CA	USA	+441.6500	123.0	PDT -0700
3796	N6SPD	South Monterey County	CA	USA	-145.3700	100.0	PDT -0700
3316	N6USO	Micro-Node Mobile, La Verne	CA	USA	0.0000	None	PDT -0700
7916	N6USO	Arcadia	CA	USA	0.0000	None	PDT -0700
7304	N6USO	Claremont	CA	USA	-145.4400	136.5	PDT -0700
7780	N6XPG	Repetidores de Los Angeles,	CA	USA	+147.0300	100.0	PDT -0700
3807	N6YFN	Henderson	NV	USA	446.8750	100.0	PDT -0700
7559	N6YUV	Woodland	CA	USA	147.5500	100	PDT -0700
3290	N7ARR	Las Vegas NARRI	NV	USA	-145.3700	123	PDT -0700
3376	N7ARR	Clark County ARES	NV	USA	+147.1800	None	PDT -0700
3641	N7ARR	Las Vegas NARRI	NV	USA	-447.0000	123	PDT -0700
3082	N7ARR	Reno -Sparks NARRI	NV	USA	+441.6500	123.0	PDT -0700
3491	N7ARR	Pahrump NARRI	NV	USA	-449.7500	123	PDT -0700
7244	N7ARR	Pioche, Lincoln Co, NARRI	NV	USA	+147.1200	123.0	PDT -0700
3250	N7BFS	Spokane	WA	USA	+444.1750	None	PDT -0700
7701	N7BHB	Ephrata	WA	USA	+444.6750	100.0	PDT -0700
7034	N7BJD	Bakersfield, EchoIRLP #5594	CA	USA	+443.2750	100.0	PDT -0700
7996	N7BJD	Bakersfield	CA	USA	+443.2750	100	PDT -0700
3299	N7CKY	Vancouver	WA	USA	445.5000	None	PDT -0700
7307	N7DOD	Gresham	OR	USA	440.0000	167.9	PDT -0700
7004	N7DOD	Gresham - EchoIRLP #439498	OR	USA	446.2750	167.9	PDT -0700
7712	N7DXF	CHENEY	WA	USA	446.8750	100.0	PDT -0700
3179	N7EKB	Rainier	WA	USA	446.0250	131.8	PDT -0700
3504	N7FM	Spokane	WA	USA	+444.4250	100.0	PDT -0700
3837	N7GTE	Jackson Park	UT	USA	-449.6000	100	MDT -0600
3826	N7GV	Green Valley	AZ	USA	-145.2700	None	MST -0700
3570	N7HQZ	Ferndale	CA	USA	+443.7500	103.5	PDT -0700
3572	N7HQZ	Rio Dell	CA	USA	-51.8400	114.8	PDT -0700
7452	N7JAP	Freeland	WA	USA	438.8750	74.4	PDT -0700
3872	N7JPG	Henderson	NV	USA	446.8750	100.0	PDT -0700
3905	N7JYS	K-Link - Hays (Pi3)	KS	USA	+442.4500	162.2	CDT -0500
3917	N7JYS	Hays	KS	USA	+147.0450	131.8	CDT -0500
7589	N7KQ	Clay Springs	AZ	USA	147.4050	None	MST -0700
7071	N7LZM	Kennewick	WA	USA	+444.4750	123.0	PDT -0700
3773	N7MOT	Coeur dAlene	ID	USA	+444.4500	91.5	PDT -0700
3825	N7MTC	Puget Sound	WA	USA	+443.0500	100	PDT -0700
3301	N7NGM	Prescott	AZ	USA	+52.5600	100.0	MST -0700
3341	N7OD	Hemet - San Jacinto Valley	CA	USA	-145.4200	88.5	PDT -0700
3430	N7PIR	Seaside	OR	USA	+443.8750	100.0	PDT -0700
3420	N7PIR	Portland	OR	USA	+440.4500	103.5	PDT -0700
7648	N7QVU	Overgaard	AZ	USA	-446.6000	100.0	MST -0700
3329	N7QXO	Battle Ground	WA	USA	+444.6500	100.0	PDT -0700
7864	N7RLG	Golden Valley,	AZ	USA	146.5500	100	MST -0700
7045	N7RON	Rawlins	WY	USA	-146.7000	162.2	MDT -0600
8007	N7RYN	Apex	NC	USA	434.5500	None	EDT -0400
3025	N7SZY	Kellogg	ID	USA	146.5500	None	PDT -0700
7199	N7TNP	Gresham	OR	USA	147.4400	167.9	PDT -0700
7124	N7UIC	Covington	WA	USA	+444.9000	103.5	PDT -0700
3324	N7UJK	Aberdeen - WIN System Affil	WA	USA	147.4700	100.0	PDT -0700
7616	N7WNS	Skeleton's Perch	AZ	USA	446.8750	100.0	MST -0700
3700	N7XG	Salem	OR	USA	147.3500	None	MST -0700
7786	N7ZYS	Ketchikan/Ward Cove	AK	USA	146.3000	100.0	AKDT -0800

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4193	N8ASH	Dublin	OH	USA	446.1125	107.2	EDT -0400
4284	N8AYE	Nano-Node	MI	USA	445.8750	77	EDT -0400
3538	N8AYE	Oak Park PiRLP	MI	USA	445.3750	67	EDT -0400
4450	N8DNX	Stutsmanville	MI	USA	+442.3750	107.2	EDT -0400
4643	N8EOD	Walker	MI	USA	446.5000	None	EDT -0400
7930	N8HEE	Charlotte	MI	USA	+443.6250	100.00	EDT -0400
4391	N8KQQ	Muskegon	MI	USA	+442.9500	94.8	EDT -0400
7896	N8MDG	Parkersburg	WV	USA	+444.9250	146.2	CDT -0500
8421	N8NQH	Bellbrook	OH	USA	+444.8750	94.8	EDT -0400
8866	N8RLD	Archbold	OH	USA	+145.4100	107.2	EDT -0400
4533	N8VZ	Athens	OH	USA	147.4450	None	EDT -0400
4597	N8XHZ	Tiffin / EchoIRLP #797685	OH	USA	146.4500	107.20	EDT -0400
8574	N8XYM	Columbus	OH	USA	446.5250	151.4	CDT -0500
4816	N9EOC	Noblesville	IN	USA	+443.5500	77.0	EDT -0400
4630	N9EP	Rolling Meadows	IL	USA	+442.8000	114.80	CDT -0500
4515	N9GMR	Port Orange	FL	USA	446.1500	156.7	EDT -0400
4960	N9GPY	Culver	IN	USA	+443.2500	131.80	EDT -0400
4961	N9GPY	Culver	IN	USA	+443.9250	131.8	EDT -0400
4213	N9GVU	South Bend	IN	USA	+444.1000	131.8	EDT -0400
5590	N9LKH	Milwaukee	WI	USA	-145.1300	127.30	CDT -0500
8632	N9NWS	Johns Creek	GA	USA	446.8750	100.000	EDT -0400
4066	N9TD	Maryland Heights	MO	USA	0.0000	None	CDT -0500
4253	N9UMJ	Williams	IN	USA	+442.2500	136.5	EDT -0400
4512	N9VMR	Chicago	IL	USA	+440.9000	100	CDT -0500
8269	N9WCX	Aurora	IL	USA	445.5000	77.0	EDT -0400
3124	NA0US	Longmont	CO	USA	446.4250	123.00	MDT -0600
3402	NA6M	Georgetown	TX	USA	+444.5250	100	CDT -0500
3792	NB0X	EL CAJON	CA	USA	145.5375	107.2	PDT -0700
7790	NB9E	Spring Creek	NV	USA	927.4875	100.0	PDT -0700
8065	NC0J	Johnston County ARES	NC	USA	446.8750	100.0	EDT -0400
7362	NE7AL	Morrow	OH	USA	+444.6250	123.00	EDT -0400
3162	NF0T	Gilman	IA	USA	+444.1500	151.40	CDT -0500
8692	NF9K	Indianapolis	IN	USA	+442.8500	100.0	EDT -0400
8154	NF9K	Noblesville	IN	USA	+443.1000	None	EDT -0400
7306	NG0W	Morris	MN	USA	+444.4000	103.5	CDT -0500
4517	NG7O	Nampa - EchoIRLP 12532	ID	USA	+444.1000	156.7	MDT -0600
3784	NH6MA	Honolulu	HI	USA	446.8750	100.0	HST -1000
7979	NH7TR	San Antonio	TX	USA	146.7200	114.8	CDT -0500
8655	NI4J	Clayton	NC	USA	446.1750	100.0	EDT -0400
4114	NJ1K	Vesta	VA	USA	-145.1100	114.8	EDT -0400
3961	NJ6N	Laguna Niguel	CA	USA	145.7850	110.9	PDT -0700
3876	NJ7J	Clearfield	UT	USA	-449.9500	123.00	MDT -0600
7245	NL7EZ	Merrill Field (VHF)	AK	USA	145.7800	123.0	AKDT -0800
7087	NL7EZ	Sheep Creek Lodge (mp 88)	AK	USA	145.5100	123.0	AKDT -0800
3022	NL7EZ	Fairview	AK	USA	0.0000	123.0	AKDT -0800
7458	NL7EZ	Merrill Field (UHF)	AK	USA	449.0000	123.0	AKDT -0800
2891	NL7EZ	irlp AllStar Link node 422	ON	Canada	145.5000	123.0	AKDT -0800
3203	NL7R	Valdez	AK	USA	147.5500	100	AKDT -0800
3202	NL7R	Eagle River	AK	USA	147.5500	100	AKDT -0800
7706	NM5HD	Albuquerque	NM	USA	+145.3700	162.2	MDT -0600
3105	NM7R	Chinook - WIN System Affili	WA	USA	+444.9250	82.5	PDT -0700
7100	NO1D	Prescott Valley	AZ	USA	446.0500	131.8	MST -0700
3133	NO1PC	CalNet-SiliconValley	CA	USA	+442.1750	100	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
4427	NS1RA	Danvers	MA	USA	-145.4700	136.5	EDT -0400
7810	NS9M	Terre Haute	IN	USA	+443.0250	None	EDT -0400
4511	NS9M	Clinton	IN	USA	445.5000	77.0	EDT -0400
7164	NV7L	Reno	NV	USA	+441.4000	123.0	PDT -0700
7447	NV8Q	K-Link - Beloit (Pi)	KS	USA	+442.8000	162.2	CDT -0500
7552	NW0K	Colby, KS (Pi)	KS	USA	-146.8200	156.7	CDT -0500
8566	NW4GT	Orlando	FL	USA	+443.6500	103.5	EDT -0400
7068	NW7RG	Boulder	MT	USA	+444.8500	None	MDT -0600
7373	NY2PW	RazPi Briefcase... QTH???	NY	American Samoa	145.7700	88.5	EDT -0400
3558	NZ6L	San Pedro	CA	USA	223.7200	100	PDT -0700
5115	OZ0IB	4242 Boelslunde	DK	Denmark	144.4500	None	CEST +0200
5019	OZ0IB	PIRLP / 8355 Solbjerg /Denm	DK	Denmark	145.3000	None	CEST +0200
5122	OZ1ARQ	Nyk�bing Falster	DK	Denmark	433.5000	None	CEST +0200
5116	OZ4FTP	Roort Ved Odder	DK	Denmark	433.5000	None	CEST +0200
3841	OZ5PP	Mobile Micro-Node	DK	Denmark	433.2250	None	CEST +0200
8600	PI2EHV	Eindhoven	--	Netherlands	+430.1000	71.90	CEST +0200
8610	PI2NEN	Nederwetten	NB	Netherlands	+430.0625	71.9	CEST +0200
8620	PI6EHN	Eindhoven	--	Netherlands	-1298.4000	71.90	CEST +0200
7992	PJ2A	Willemstad	Curacao	Netherlands Antilles	+147.0000	100.00	AST -0400
5830	PJ7R	St. Maarten - St. Peter's H	SXM	Netherlands Antilles	-146.7600	186.2	AST -0400
5782	RC3C	Moscow	MA	Russian Federation	439.2750	110.9	MSK +0300
5668	SA6RP	Floda	--	Sweden	433.4750	None	CEST +0200
1260	SARA	Province-wide	AB	Canada	+444.9500	114.8	MDT -0600
5799	SK4RUV	Leksand / Mora	Dalarna	Sweden	-145.7750	85.4	CEST +0200
8000	SK6BA	Kinna	V Gotaland	Sweden	-145.6000	None	CEST +0200
8050	SM6CYJ	�ster�ng	Skaraborg	Sweden	145.3250	118.8	CEST +0200
5014	SM6VBT	M�ndal	V�stra G�tala	Sweden	-434.7000	127.3	CEST +0200
5233	SM6XIN	Lundsbrunn	Skaraborg	Sweden	145.2750	118.8	CEST +0200
5517	SM6YRB	K�ringslunds�;	Skaraborg	Sweden	145.3000	118.8	CEST +0200
8030	SM7TYU	J�nk�ping	Sm�	Sweden	145.4000	None	CEST +0200
7200	V21ARC	St. Johns	Antigua	Antigua & Barbuda	+147.0000	103.50	AST -0400
7512	V44KJ	St. Kitts and Nevis	Caribbean	Saint Kitts & Nevis	147.5500	162.2	AST -0400
2557	VA2RUR	La baie	QC	Canada	-146.6850	85.4	EDT -0400
2250	VA3AEZ	Woodbridge	ON	Canada	446.3000	103.5	EDT -0400
2461	VA3BAL	Ballantrae	ON	Canada	+147.3300	103.5	EDT -0400
2170	VA3BBB	Windsor	ON	Canada	147.3900	118.8	EDT -0400
2739	VA3DIS	Dryden	ON	Canada	+147.3750	None	CDT -0500
2882	VA3ERA	ERA System	ON	Canada	+443.6750	131.8	EDT -0400
2986	VA3IHX	Etobicoke	ON	Canada	445.9500	103.5	EDT -0400
2972	VA3KVI	Victoria Harbour	ON	Canada	223.5800	156.7	EDT -0400
2971	VA3KVI	Victoria Harbour PiRLP	ON	Canada	223.5800	156.7	EDT -0400
2000	VA3LU	Thunder Bay	ON	Canada	-146.8200	107.2	EDT -0400
2650	VA3OME	Omeme	ON	Canada	+147.0900	162.20	EDT -0400
2871	VA3PWR	Newmarket	ON	Canada	+443.2750	103.5	EDT -0400
2120	VA3RZS	Peterborough	ON	Canada	+147.3000	None	EDT -0400
2280	VA3UW	Almonte	ON	Canada	+147.2700	100.00	EDT -0400
2640	VA3WJO	Woodbridge	ON	Canada	445.2000	103.50	EDT -0400
2931	VA3WM	Niagara-on-the-Lake	ON	Canada	446.5000	107.2	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
2114	VA3YLS	Barrie	ON	Canada	445.5000	156.7	EDT -0400
1710	VA5EMO	Yorkton - EchoIRLP #48431	SK	Canada	+147.3000	100.0	CST -0600
1858	VA5INV	Endeavour - EchoIRLP #34295	SK	Canada	+146.4600	None	CST -0600
1807	VA5RSR	Rocanville - EchoIRLP #4254	SK	Canada	-145.3100	100.0	CST -0600
3296	VA6ACW	Calgary (Nano-Node)	AB	Canada	223.5500	100.0	MDT -0600
1840	VA6JAC	Edson	AB	Canada	147.5550	None	MDT -0600
1228	VA6MTS	Calgary	AB	Canada	147.4950	None	MDT -0600
1600	VA6OK	Coronation	AB	Canada	146.5800	100.0	MDT -0600
1450	VA6SHS	Grimshaw	AB	Canada	-146.8200	None	MDT -0600
1492	VA6WM	Whitecourt	AB	Canada	146.4000	100	MDT -0600
1011	VA7IP	Birken	BC	Canada	147.0000	100.0	PDT -0700
1848	VA7KT	Grand Forks	BC	Canada	147.5250	67.0	PDT -0700
1130	VA7LPG	Nanoose Bay	BC	Canada	+444.3000	141.3	PDT -0700
1375	VA7LRD	OLIVER BC.	BC	Canada	144.5600	123.0	PDT -0700
1297	VA7MWR	Clinton Village	BC	Canada	146.5800	None	PDT -0700
1348	VA7RHH	Hudsons Hope	BC	Canada	146.5400	100.0	MST -0700
1645	VA7RMD	Prince George	BC	Canada	146.5200	None	PDT -0700
1756	VA7YXX	Abbotsford	BC	Canada	441.5000	88.5	PDT -0700
2109	VE1BHS	Sugarloaf - EchoIRLP 100853	NS	Canada	-145.3500	None	ADT -0300
2363	VE1CFR	Summerside	PE	Canada	-146.8500	None	ADT -0300
2435	VE1CR	Sydney	NS	Canada	147.5700	None	ADT -0300
2030	VE1CRA	Charlottetown	PE	Canada	-146.6700	None	ADT -0300
2784	VE1DEB	Westville	NS	Canada	+147.3600	None	ADT -0300
2370	VE1HAR	Truro - EchoIRLP 161248	NS	Canada	+147.1350	None	ADT -0300
2507	VE1JCS	ANTIGONISH	NS	Canada	146.5500	141.3	ADT -0300
2268	VE1KEJ	Maitland Bridge(Keji Nat Pa	NS	Canada	-147.1950	None	ADT -0300
2050	VE1NSG	Halifax	NS	Canada	-146.9400	None	ADT -0300
2064	VE1PS	Beechville	NS	Canada	147.5850	82.5	ADT -0300
2853	VE1RTI	Fairmont	NS	Canada	-146.8200	None	ADT -0300
2080	VE1WN	Greenwood	NS	Canada	+147.2400	None	ADT -0300
2060	VE1WRC	Amherst	NS	Canada	+147.2850	None	ADT -0300
2952	VE1YAR	Yarmouth	NS	Canada	-146.7300	None	ADT -0300
2040	VE2CRA	Ottawa	ON	Canada	-146.9400	100	EDT -0400
2332	VE2RAO	Gatineau	QC	Canada	+443.9500	118.8	EDT -0400
2006	VE2RED	Montreal	QC	Canada	+147.2700	103.5	EDT -0400
2018	VE2REH	Gatineau	QC	Canada	+147.1050	110.90	EDT -0400
2226	VE3AAY	McKellar	ON	Canada	+53.1100	156.7	EDT -0400
2440	VE3COZ	Chatham	ON	Canada	+444.3250	250.3	EDT -0400
2823	VE3DRY	Dryden	ON	Canada	+147.2550	None	CDT -0500
2404	VE3ERC	Elmira	ON	Canada	+444.7000	131.8	EDT -0400
2403	VE3ERC	Elmira	ON	Canada	+147.3900	123	EDT -0400
2649	VE3ERX	North Bay	ON	Canada	+147.0300	None	EDT -0400
2241	VE3FRG	Kingston	ON	Canada	-146.8050	203.5	EDT -0400
2053	VE3IEV	Perth	ON	Canada	+444.4500	100	EDT -0400
2091	VE3IRO	Iroquois	ON	Canada	-145.2900	100	EDT -0400
2750	VE3KBR	Kingston	ON	Canada	-146.9400	151.4	EDT -0400
2490	VE3KR	Huntsville	ON	Canada	-146.8200	156.7	EDT -0400
2845	VE3LEW	East York	ON	Canada	146.5900	136.5	EDT -0400
2870	VE3LNZ	Lindsay	ON	Canada	+147.1950	None	EDT -0400
2688	VE3LSR	Barrie	ON	Canada	+147.3150	156.70	EDT -0400
2948	VE3MGQ	London ON Echo Link 438612	ON	Canada	446.4000	None	EDT -0400
2330	VE3MHL	Sault Ste. Marie	ON	Canada	147.0600	None	EDT -0400
2998	VE3MIS	Mississauga	ON	Canada	-145.4300	103.5	EDT -0400

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
2460	VE3MUS	Lake Of Bays Huntsville	ON	Canada	-146.7750	156.70	EDT -0400
2203	VE3MUS	Huntsville	ON	Canada	-145.2700	156.7	EDT -0400
2313	VE3NCF	Hamilton	ON	Canada	+444.0750	131.8	EDT -0400
2271	VE3NIB	Toronto (downtown)	ON	Canada	+443.5000	103.5	EDT -0400
2874	VE3NMN	Milverton	ON	Canada	+444.9250	114.8	EDT -0400
2520	VE3NRR	Pembroke	ON	Canada	-146.7600	None	EDT -0400
2942	VE3OBC	Goderich	ON	Canada	-146.9100	123.0	EDT -0400
2184	VE3OHR	Ingersoll	ON	Canada	+147.2700	114.8	EDT -0400
2264	VE3ONR	New Liskeard	ON	Canada	-145.1900	103.5	EDT -0400
2700	VE3ORX	Orangeville	ON	Canada	+444.0250	103.50	EDT -0400
2260	VE3OVQ	Guelph	ON	Canada	147.5400	131.80	EDT -0400
2049	VE3PAQ	Acton	ON	Canada	+442.1250	131.8	EDT -0400
2121	VE3PRC	Brampton	ON	Canada	-146.8800	103.5	EDT -0400
2450	VE3RAK	North Toronto	ON	Canada	+444.7000	103.50	EDT -0400
2410	VE3RBM	Kitchener	ON	Canada	+444.8750	131.80	EDT -0400
2768	VE3RIB	Atikokan	ON	Canada	+147.1200	None	CDT -0500
2596	VE3RIX	Ottawa	ON	Canada	-145.4500	151.4	EDT -0400
2480	VE3RPL	Parry Sound	ON	Canada	-145.4900	156.7	EDT -0400
2860	VE3RQQ	Little Current	ON	Canada	+444.3000	None	EDT -0400
2217	VE3RSB	Burlington	ON	Canada	+147.2100	131.8	EDT -0400
2304	VE3RSD	Mississauga	ON	Canada	-224.6200	103.5	EDT -0400
2405	VE3SME	Simcoe (Norfolk County)	ON	Canada	+146.9250	131.8	EDT -0400
1404	VE3SPA	Pickering	ON	Canada	+147.3750	None	EDT -0400
2255	VE3SUP	Whitby	ON	Canada	+146.9700	156.7	EDT -0400
2037	VE3TBF	Haliburton	ON	Canada	+147.2400	162.20	EDT -0400
2106	VE3TJR	Peterborough	ON	Canada	-146.9700	None	EDT -0400
2093	VE3TJU	Prince Edward County	ON	Canada	-146.7300	118.8	EDT -0400
2803	VE3TOM	Leamington	ON	Canada	+147.3000	118.8	EDT -0400
2400	VE3TTT	London	ON	Canada	+147.1800	114.8	EDT -0400
2248	VE3WCD	Niagara Region	ON	Canada	+147.3000	107.2	EDT -0400
2430	VE3WFM	Waterloo	ON	Canada	+147.0900	131.80	EDT -0400
2524	VE3WHO	Sarnia	ON	Canada	-146.9550	None	EDT -0400
2105	VE3XXL	Tillsonburg. EchoIRLP # 572	ON	Canada	145.2300	131.8	EDT -0400
2055	VE3YCX	Burlington	ON	Canada	446.5000	103.5	EDT -0400
2314	VE3YGR	Sudbury	ON	Canada	+444.2000	100	EDT -0400
2920	VE3YRC	Aurora	ON	Canada	+147.2250	103.5	EDT -0400
2236	VE3YXU	Ingersoll	ON	Canada	440.6000	114.8	EDT -0400
1385	VE4BB	Winnipeg	MB	Canada	146.4750	127.3	CDT -0500
1121	VE4COR	St. Andrews	MB	Canada	146.6200	127.3	CDT -0500
1333	VE4DNR	Roblin	MB	Canada	-145.3900	100.0	CDT -0500
7747	VE4DRK	WINNIPEG	MB	Canada	146.4300	146.2	CDT -0500
1981	VE4PIN	Pinawa	MB	Canada	146.4900	127.3	CDT -0500
1838	VE4RMG	Whitefish Lake	MB	Canada	145.0000	None	CDT -0500
1809	VE4WSC	Winnipeg	MB	Canada	147.5700	127.3	CDT -0500
1998	VE4ZRT	Beausejour	MB	Canada	146.5500	127.3	CDT -0500
1340	VE5BRC	The Battlefords	SK	Canada	+147.2400	None	CST -0600
1360	VE5CC	Saskatoon	SK	Canada	-449.9750	None	CST -0600
1363	VE5CEM	Lloydminster	SK	Canada	+444.7250	100.00	MDT -0600
1330	VE5CMR	Saskatoon	SK	Canada	+443.1500	None	MDT -0600
1587	VE5HAW	Kamsack	SK	Canada	+147.0000	None	CST -0600
1370	VE5LAK	Prince Albert/Christopher L	SK	Canada	-146.6100	None	CST -0600
1766	VE5MBX	Martensville	SK	Canada	-145.4500	100.0	CST -0600
1380	VE5MLR	Meadow Lake	SK	Canada	+147.3300	None	CST -0600

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
2820	VE5NIP	Nipawin	SK	Canada	-146.7900	None	CST -0600
1570	VE5SCR	Swift Current	SK	Canada	-146.7900	None	CST -0600
1550	VE5YQR	Regina	SK	Canada	+147.1200	None	CST -0600
1890	VE6AAH	ve6ars QTH Porcupine Hills	AB	Canada	0.0000	None	MDT -0600
1419	VE6AEC	Edmonton-EchoIRLP *4191	AB	Canada	+442.1500	146.2	MDT -0600
1068	VE6HM	Edmonton - EchoIRLP #51068	AB	Canada	-147.0600	100.0	MDT -0600
1640	VE6JBW	County of Newell	AB	Canada	146.5500	110.9	MDT -0600
1440	VE6LAW	St. Albert	AB	Canada	-146.9400	100.0	MDT -0600
1483	VE6LK	Aldersyde	AB	Canada	-145.4700	None	MDT -0600
1199	VE6MO	CAMROSE - ECHO/PIRLP # 4499	AB	Canada	446.0000	114.8	MDT -0600
1099	VE6MO	CAMROSE ECHOLINK/PIRLP #813	AB	Canada	446.0000	114.8	MDT -0600
1810	VE6PWT	Calgary	AB	Canada	147.5500	88.5	MDT -0600
1353	VE6QE	Red Deer	AB	Canada	+147.1500	None	MDT -0600
1188	VE6RCM	Medicine Hat	AB	Canada	147.5700	100.0	MDT -0600
1122	VE6TRC	Fort McMurray EchoIRLP #590	AB	Canada	+147.0000	100.0	MDT -0600
1788	VE6XVK	Edmonton - EchoIRLP #51788	AB	Canada	446.4750	100.0	MDT -0600
1311	VE6ZH	Alix	AB	Canada	+147.2100	None	MDT -0600
1230	VE6ZV	Calgary	AB	Canada	+444.2750	110.90	MDT -0600
1705	VE7ASM	Abbotsford	BC	Canada	+147.2800	110.9	PDT -0700
1864	VE7AT	Princeton, BC	BC	Canada	446.8750	100.0	PDT -0700
1041	VE7BYN	Sicamous	BC	Canada	147.5400	None	PDT -0700
1660	VE7CAP	Cranbrook	BC	Canada	-146.9400	None	MDT -0600
1747	VE7CRC	Campbell River	BC	Canada	146.5500	None	PDT -0700
1727	VE7CUP	Houston BC Mobile	BC	Canada	446.2000	100.0	PDT -0700
1027	VE7CUP	HOUSTON B.C.	BC	Canada	146.5800	123	PDT -0700
1755	VE7DJA	Nanaimo - EchoIRLP #428436	BC	Canada	+444.7250	141.3	PDT -0700
1210	VE7DQC	Prince Rupert	BC	Canada	147.3300	None	PDT -0700
1811	VE7EDA	Nakusp	BC	Canada	-146.9400	100	PDT -0700
1144	VE7EDA	Castlegar	BC	Canada	147.4400	None	PDT -0700
1155	VE7EDA	Nakusp	BC	Canada	446.1250	100.	PDT -0700
1560	VE7FFU	Terrace	BC	Canada	147.3300	None	PDT -0700
1516	VE7GXA	Okanogan Falls	BC	Canada	147.4200	110.9	PDT -0700
1003	VE7ISC	Nanaimo	BC	Canada	-146.6400	None	PDT -0700
1888	VE7JFB	Kamloops	BC	Canada	146.5500	100.00	PDT -0700
1634	VE7KNL	Salmo	BC	Canada	147.5500	100	PDT -0700
1120	VE7KU	Port Alberni	BC	Canada	+147.2400	None	PDT -0700
1444	VE7LWS	Victoria	BC	Canada	441.4000	100.0	PDT -0700
1849	VE7MTY	Pitt Meadows-EchoIRLP #4446	BC	Canada	+443.6250	156.7	PDT -0700
1070	VE7NZ	Coquitlam	BC	Canada	-224.9200	None	PDT -0700
1491	VE7OGO	Kelowna	BC	Canada	-146.6200	None	PDT -0700
1547	VE7OKF	Okanagan Falls B.C	BC	Canada	446.2000	123.0	PDT -0700
1649	VE7OVY	Victoria	BC	Canada	441.5000	100	PDT -0700
1164	VE7PEN	Penticton	BC	Canada	146.5800	123	PDT -0700
1488	VE7PGK	Prince George	BC	Canada	145.6000	None	PDT -0700
1180	VE7PQA	Parksville	BC	Canada	+147.2800	141.3	PDT -0700
1916	VE7PW	Williams Lake	BC	Canada	-146.7000	162.2	PDT -0700
1040	VE7QE	Penticton	BC	Canada	442.6250	146.2	PDT -0700
1985	VE7RAP	Courtenay	BC	Canada	-146.9100	141.3	PDT -0700
1126	VE7RBH	Smithers	BC	Canada	147.3300	100	PDT -0700
1000	VE7RHS	Vancouver	BC	Canada	-145.2700	100.0	PDT -0700
1010	VE7RHS	Vancouver	BC	Canada	+441.9750	100.0	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
1910	VE7RMR	Maple Ridge - EchoIRLP -#51	BC	Canada	+146.8000	156.7	PDT -0700
1015	VE7RNV	North Vancouver	BC	Canada	+444.9500	None	PDT -0700
1396	VE7RPS	Vancouver	BC	Canada	+442.2250	107.2	PDT -0700
1694	VE7RPT	Vancouver	BC	Canada	-146.9400	None	PDT -0700
1736	VE7RSC	Surrey	BC	Canada	-147.3600	110.9	PDT -0700
1737	VE7RSC	Surrey	BC	Canada	+443.7750	110.9	PDT -0700
1461	VE7RVA	Abbotsford / Chilliwack	BC	Canada	-146.6100	110.9	PDT -0700
1528	VE7RVH	New Denver	BC	Canada	446.1750	100	PDT -0700
1050	VE7RVN	Vernon (SIRG)	BC	Canada	+444.2750	None	PDT -0700
1057	VE7SML	Tatlayoko Lake	BC	Canada	447.8500	None	PDT -0700
1303	VE7SNO	Kitimat	BC	Canada	146.5800	None	PDT -0700
1147	VE7SQR	Squamish	BC	Canada	+147.0000	77.0	PDT -0700
1080	VE7TSI	Kamloops	BC	Canada	-146.9600	None	PDT -0700
1503	VE7VCR	Chilliwack	BC	Canada	-146.8600	88.5	PDT -0700
1030	VE7VIC	Victoria	BC	Canada	-146.8400	100.00	PDT -0700
1507	VE7WCC	New Westminster	BC	Canada	-145.1500	123.0	PDT -0700
1026	VE7WOL	Abbotsford	BC	Canada	441.6000	88.5	PDT -0700
1076	VE7YYD	Smithers - EchoIRLP #888437	BC	Canada	146.4000	123	PDT -0700
1642	VE8YK	Yellowknife	NT	Canada	-146.9400	None	MDT -0600
2009	VE9SJM	Saint John -EchoIRLP #28523	NB	Canada	+147.2700	100.0	ADT -0300
2133	VE9TCR	Moncton	NB	Canada	+147.3450	None	ADT -0300
2780	VE9ZC	Fredericton	NB	Canada	+147.3000	None	ADT -0300
6110	VK1RBM	Canberra	ACT	Australia	-439.9500	None	AEST +1000
6255	VK2ARS	Terranora	NSW	Australia	145.4000	123.0	AEST +1000
6736	VK2DDT	Tenterfield	NSW	Australia	439.1750	114.8	AEST +1000
6574	VK2GGA	In the Nambucca Vally	NSW	Australia	145.4250	91.5	AEST +1000
6792	VK2HK	Wyee	NSW	Australia	145.4500	91.5	AEST +1000
6060	VK2RAG	Gosford	NSW	Australia	-438.0750	91.5	AEST +1000
6683	VK2RAP	Tenterfield Stanthorpe Warw	NSW	Australia	+147.2750	None	AEST +1000
6366	VK2RBM	Sydney, Blue Mountains	NSW	Australia	+147.0500	123	AEST +1000
6856	VK2RGN	Goulburn (Raspberry Pi)	NSW	Australia	+147.9250	None	AEST +1000
6250	VK2ROT	Paddington	NSW	Australia	-438.5750	91.5	AEST +1000
6220	VK2RPL	Lismore	NSW	Australia	-438.6750	123	AEST +1000
6040	VK2RTZ	Newcastle/Lake Macquarie	NSW	Australia	-146.7750	91.5	AEST +1000
6260	VK2RWG	Wagga Wagga	NSW	Australia	+146.7500	91.5	AEST +1000
6789	VK2VCC	TOUKLEY irlp 6789- Echo 821	NSW	Australia	147.8000	91.5	AEST +1000
6732	VK2YLD	Kurri Kurri	NSW	Australia	439.1500	91.5	AEST +1000
8916	VK3ANT	Melbourne	Vic	Australia	439.1750	123.0	AEST +1000
6655	VK3AO	Cobram	Vic	Australia	433.1750	None	AEST +1000
6226	VK3API	Lilydale	Vic	Australia	145.3000	91.5	AEST +1000
6572	VK3ATL	Geelong	Vic	Australia	+147.0000	91.5	AEST +1000
6113	VK3CDN	Melbourne	VIC	Australia	145.3750	None	AEST +1000
6375	VK3IBM	Ballan	VIC	Australia	145.5500	None	AEST +1000
6986	VK3JD	Mobile Node, Australia	VIC	Australia	439.1000	67	AEST +1000
6482	VK3JD	Melbourne	Vic	Australia	145.1000	67	AEST +1000
6271	VK3MCK	Northern Country Victoria	VIC	Australia	145.4000	None	AEST +1000
6097	VK3OB	Bannockburn	VIC	Australia	-438.0750	91.5	AEST +1000
6372	VK3RAJ	Upwey	VIC	Australia	-146.8250	94.8	AEST +1000
6543	VK3RAS	Lysterfield	VIC	Australia	145.4250	91.5	AEST +1000
6063	VK3RBO	Bendigo	VIC	Australia	-438.0250	None	AEST +1000
6287	VK3RBU	Ballarat EchoIRLP	VIC	Australia	-438.4750	91.5	AEST +1000
6136	VK3RIC	Gumtree Hills	Vic	Australia	439.1500	None	AEST +1000
6390	VK3RIR	Bendigo	VIC	Australia	-438.1500	91.5	AEST +1000

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
6363	VK3RIT	Wangaratta - (North East Vi	VIC	Australia	144.7500	None	AEST +1000
6794	VK3RLP	Cranbourne, Melbourne	VIC	Australia	-439.4750	91.5	AEST +1000
6300	VK3RMC	Melbourne (S.E.)	VIC	Australia	-439.8750	None	AEST +1000
6360	VK3RML	Ringwood	VIC	Australia	-438.2250	91.5	AEST +1000
6138	VK3RNK	Macedon Ranges	VIC	Australia	439.1750	None	AEST +1000
6993	VK3RNP	Bannockburn Nightclub (VK3B	VIC	Australia	-438.6500	91.5	AEST +1000
6320	VK3RRU	Merbein	VIC	Australia	-438.5250	None	AEST +1000
6330	VK3RSP	Mt. Martha	VIC	Australia	-146.6750	88.5	AEST +1000
6506	VK3RVZ	Melbourne	VIC	Australia	-438.6000	123.0	AEST +1000
6310	VK3RWA	Western Victoria	VIC	Australia	+147.1000	91.5	AEST +1000
6696	VK3TKK	Sunbury	VIC	Australia	439.2250	123	AEST +1000
6067	VK4AP	Macleay Island	QLD	Australia	439.1750	114.8	AEST +1000
6857	VK4BLP	Jimboomba	QLD	Australia	145.4000	None	AEST +1000
6615	VK4CP	Maritime Mobile VK4CP	QLD	Australia	146.4500	100.0	AEST +1000
6638	VK4DA	Killarney (Portable)	QLD	Australia	439.0000	123	AEST +1000
6244	VK4DW	Mackay	QLD	Australia	440.1250	91.5	AEST +1000
6754	VK4IL	Toowoomba	QLD	Australia	145.5000	91.5	AEST +1000
6527	VK4JJW	Mundoolun S.E. Qld	QLD	Australia	146.4750	91.5	AEST +1000
6163	VK4JKL	Cairns - FNQ	QLD	Australia	146.5500	123.0	AEST +1000
6102	VK4JRC	Bouldercombe RPi Echolink	QLD	Australia	+147.0750	91.5	AEST +1000
6669	VK4KTX	Logan Central	QLD	Australia	146.5250	None	AEST +1000
6344	VK4NXZ	Gympie	QLD	Australia	145.3250	91.5	AEST +1000
6725	VK4NY	Mackay	Qld	Australia	145.4750	114.8	AEST +1000
6502	VK4PY	Gold Coast (Pacific Pines)	QLD	Australia	145.3250	123.0	AEST +1000
6925	VK4RAD	Toowoomba EchoIRLP	QLD	Australia	145.4000	91.5	AEST +1000
6782	VK4RAI	Ipswich	QLD	Australia	-438.4250	123.0	AEST +1000
6973	VK4RAR	Rockhampton Central Queensl	QLD	Australia	-146.7000	91.5	AEST +1000
6741	VK4RBM	Mackay (Blue Mountain) RasP	QLD	Australia	-146.7750	91.5	AEST +1000
6403	VK4RBN	Brisbane	QLD	Australia	-147.0000	None	AEST +1000
6633	VK4RBS	Redland City	QLD	Australia	-146.8750	None	AEST +1000
6761	VK4RBY	Glenella	Qld	Australia	-438.6000	91.5	AEST +1000
6404	VK4RC	Redcliffe	QLD	Australia	-146.9250	None	AEST +1000
6464	VK4RCM	Gympie EchoIRLP	QLD	Australia	-146.7250	091.5	AEST +1000
6958	VK4RDD	Toowoomba EchoIRLP	QLD	Australia	-146.7500	None	AEST +1000
6037	VK4REP	Central Highlands and Distr	QLD	Australia	-146.9500	91.5	AEST +1000
6702	VK4RGC	Gold Coast	QLD	Australia	-146.7000	123	AEST +1000
6480	VK4RGL	Gladstone	QLD	Australia	-439.8000	91.5	AEST +1000
6450	VK4RMK	Mackay (Mt Blackwood) RPi	QLD	Australia	-147.0000	None	AEST +1000
6400	VK4RRC	Redcliffe	QLD	Australia	-438.3250	91.5	AEST +1000
6564	VK4RSC	Sunshine Coast EchoIRLP	QLD	Australia	-438.0750	91.5	AEST +1000
6215	VK4RSS	Brisbane (Oceanview)	QLD	Australia	-438.5750	91.5	AEST +1000
6762	VK4RWS	Mackay	QLD	Australia	+438.6750	91.5	AEST +1000
6493	VK4TIM	Eastern Brisbane	QLD	Australia	145.7500	103.5	AEST +1000
6852	VK4ZV	Hatton Vale	Qld	Australia	439.1700	None	AEST +1000
6510	VK5RAC	Port Lincoln	SA	Australia	-146.7500	None	ACST +0930
6909	VK5RAE	Pt. Augusta (Mt. Arden)	SA	Australia	-146.9750	None	ACST +0930
6396	VK5RBV	Barossa Valley	SA	Australia	-146.8250	None	ACST +0930
6865	VK5RMN	Port Pirie (The Bluff)	SA	Australia	-146.7000	None	ACST +0930
6214	VK5RSB	Summertown	SA	Australia	-439.9000	91.5	ACST +0930
6278	VK5RSC	Mt Terrible, Willunga	SA	Australia	-439.8250	None	ACST +0930
6875	VK5RSE	Millicent	SA	Australia	-146.8000	None	ACST +0930
6584	VK5WAM	Moonta on the Copper Coast	SA	Australia	439.1500	91.5	ACST +0930

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6427	VK6ET	Bunbury	WA	Australia	439.1550	100.0	AWST +0800
6833	VK6RKB	Boyanup - EchoIRLP - RPi	WA	Australia	-438.3250	None	AWST +0800
6100	VK6RNC	Perth	WA	Australia	-146.6250	None	AWST +0800
6124	VK7AX	Experimental	TAS	Australia	-53.7750	91.5	AEST +1000
6700	VK7RAA	Mt Arthur, North East	TAS	Australia	+147.0000	None	AEST +1000
6739	VK7RAD	Queens Domain, Hobart	TAS	Australia	-146.7000	141.3	AEST +1000
6239	VK7RCR	Lenah Valley-Hobart	TAS	Australia	-438.5250	91.5	AEST +1000
6800	VK8MA	Katherine	NT	Australia	146.7500	91.5	ACST +0930
6343	VK8RWI	Darwin	NT	Australia	-146.8000	123	ACST +0930
2262	VO1EHC	Spaniard's Bay	NL	Canada	146.3000	None	NDT -0230
2350	VO1JY	Grand Falls-Windsor	NL	Canada	-146.6000	None	NDT -0230
2300	VO1KEN	St. John's	NL	Canada	-447.1000	None	NDT -0230
2390	VO1MST	Marystown	NL	Canada	-146.8500	None	NDT -0230
2011	VO1UM	NL Drive St John's	NL	Canada	447.5000	None	NDT -0230
7907	VP2EA	Crocus Hill	AIA	Anguilla	-145.4900	156.7	AST -0400
7274	VP2MQ	Garibaldi Hill Montserrat	Mon	Montserrat	-146.9700	100	AST -0400
8522	VP9RSB	Devonshire	NA	Bermuda	-146.8200	None	ADT -0300
1500	VY1IRL	Whitehorse	YT	Canada	-146.8800	100.0	PDT -0700
1701	VY1MK	Whitehorse	YT	Canada	146.5700	100.00	PDT -0700
1898	VY1RMD	Dawson City	YT	Canada	146.5800	None	PDT -0700
1662	VY1RPM	Haines Junction	YT	Canada	-146.8800	100.0	PDT -0700
4155	W0AC	North Port-Echolink # 41555	FL	USA	146.5900	136.5	EDT -0400
7874	W0CET	Topeka	KS	USA	+442.2250	88.5	CDT -0500
7085	W0CLF	Georgetown	CO	USA	144.9150	103.5	MDT -0600
3990	W0CRA	Denver	CO	USA	+147.2250	107.2	MDT -0600
7007	W0DK	Lyons	CO	USA	147.4950	100	MDT -0600
7976	W0FUI	Hot Springs	SD	USA	146.4750	146.2	MDT -0600
7963	W0GJT	Grand Junction	CO	USA	-448.1500	100.0	MDT -0600
4477	W0GZR	Nashville	TN	USA	146.4000	118.8	MDT -0600
3750	W0KU	Golden	CO	USA	-449.6250	141.30	MDT -0600
7779	W0LPD	Kerrville	TX	USA	147.5700	None	CDT -0500
7356	W0MI	K-Link - Scott City (Pi)	KS	USA	+443.2250	100.0	CDT -0500
4243	W0NWA	Pinnacle Pk. North Scottsda	AZ	USA	+441.1000	103.5	MST -0700
7563	W0SBS	Tonville	CO	USA	147.5400	88.5	MDT -0600
7748	W0SD	Salem	SD	USA	145.5100	146.2	EDT -0400
7106	W0SRC	Saint Louis	MO	USA	146.8500	141.3	EDT -0400
7801	W0SY	Haysville (EchoLink#6895)	KS	USA	+444.9750	103.5	CDT -0500
7488	W0TYG	Minden	IA	USA	0.0000	None	CDT -0500
3258	W0WWV	Hastings	NE	USA	147.4800	88.5	CDT -0500
7438	W0WWV	Campbell	NE	USA	+444.4750	123.0	CDT -0500
3682	W0WWV	Phillipsburg	KS	USA	+442.7250	None	CDT -0500
4993	W1AD	Rutland	VT	USA	-449.1750	100.00	EDT -0400
4617	W1AEC	Dartmouth	MA	USA	-927.8375	77.0	EDT -0400
4215	W1AEC	Dartmouth	MA	USA	+224.8000	67.0	EDT -0400
4210	W1AEC	Dartmouth	MA	USA	+147.0000	67.0	EDT -0400
4436	W1AFD	Acushnet	MA	USA	145.5900	67.0	EDT -0400
7220	W1AJI	Derry	NH	USA	+441.5500	127.30	EDT -0400
4907	W1AQ	East Providence	RI	USA	+147.3300	173.8	EDT -0400
4571	W1ATD	Marshfield	MA	USA	-927.4750	131.8	EDT -0400
4292	W1AW	Newington	CT	USA	147.4250	100.0	EDT -0400
4335	W1DMR	Cumberland	RI	USA	-927.6750	None	EDT -0400

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4568	W1EAV	Marion	MA	USA	147.5400	67.0	EDT -0400
3516	W1EHU	Henderson	NV	USA	446.8750	100.0	PDT -0700
4505	W1GHW	Fairfield	CT	USA	442.0000	88.5	EDT -0400
8433	W1GZ	Fitchburg	MA	USA	-145.4500	74.4	EDT -0400
4159	W1HDN	Vernon	CT	USA	-146.7900	82.50	EDT -0400
4198	W1HDN	Vernon	CT	USA	-145.4100	141.3	EDT -0400
4393	W1JLI	Norwood	MA	USA	+147.2100	100.0	EDT -0400
4801	W1KFR	Kingsland	GA	USA	445.3125	118.8	EDT -0400
8249	W1KK	Feeding Hills	MA	USA	-927.8000	None	EDT -0400
4133	W1MRA	Marlborough	MA	USA	-449.9250	88.5	EDT -0400
4978	W1MRA	Marlborough	MA	USA	-927.7000	None	EDT -0400
4388	W1MV	Bridgewater	MA	USA	+147.1800	67.0	EDT -0400
4814	W1RAY	St. Albans	VT	USA	446.8750	100.0	EDT -0400
4233	W1RJC	Portable	MA	USA	0.0000	None	EDT -0400
8581	W1SEX	Gardner	MA	USA	-145.3700	136.5	EDT -0400
4824	W1SGL	Barnstable	MA	USA	-927.8250	82.5	EDT -0400
4663	W1WPD	Woodbridge	CT	USA	+442.5000	None	EDT -0400
4471	W2CEA	Mobile Node (See GPS loc.)	NY	USA	446.8750	100.0	EDT -0400
4464	W2CEB	Hudson (Spring Hill) [ILS]	FL	USA	146.5350	146.2	EDT -0400
4914	W2FCC	Springfield	NJ	USA	446.8750	100	EDT -0400
4254	W2FCC	West Arlington	VT	USA	145.6000	123	EDT -0400
8646	W2FCC	Springfield	NJ	USA	446.8750	100.0	EDT -0400
3072	W2FCP	Russell	NY	USA	145.5000	100	EDT -0400
8928	W2FXR	Holland	NY	USA	447.0000	88.5	EDT -0400
4615	W2GLD	Pinckney	MI	USA	-224.5000	131.8	EDT -0400
3756	W2HR	Grants Pass	OR	USA	446.8750	100.0	PDT -0700
3971	W2IO	Renton	WA	USA	927.6875	114.8	PDT -0700
4478	W2KPQ	Selden	NY	USA	+147.3750	136.5	EDT -0400
4969	W2KPQ	Plainview	NY	USA	+449.1250	136.5	EDT -0400
7814	W2MGM	Bakersfield	CA	USA	-447.0400	136.5	PDT -0700
4676	W2MSK	Bergenfield	NJ	USA	223.6000	141.30	EDT -0400
4935	W2NJR	Asbury Park	NJ	USA	-449.5250	141.30	EDT -0400
4428	W2PUT	Milan [ILS]	MI	USA	+444.1000	82.5	EDT -0400
7290	W2RN	Wood-Ridge	NJ	USA	+443.7500	141.30	EDT -0400
8643	W2SGB	Babylon [GSB]	NY	USA	-146.6850	110.9	EDT -0400
8293	W2UXC	Plattsburgh	NY	USA	+147.1500	123.0	EDT -0400
4622	W2VER	Vernon	NJ	USA	-449.0750	141.3	EDT -0400
4438	W2VL	GlenOaks	NY	USA	-146.8500	136.5	EDT -0400
4265	W2YMM	Bethpage - Long Island	NY	USA	-449.3000	192.8	EDT -0400
4381	W3LMR	Souderton	PA	USA	446.8750	100.00	EDT -0400
4713	W3MJA	ERIE	PA	USA	446.5250	186.2	EDT -0400
7060	W3ND	Harrisburg	PA	USA	-145.2900	88.50	EDT -0400
8706	W3NH	Birmingham/Warrior	AL	USA	145.5200	67.0	CDT -0500
8153	W3RX	mobile node	FL	USA	445.4000	103.5	EDT -0400
8755	W3WDD	Cullowhee	NC	USA	+444.9750	100.0	EDT -0400
3954	W3WIP	Reno	NV	USA	446.8750	100.0	PDT -0700
7755	W3WZN	Itinerant Pi Rasberry	NC	USA	446.0000	82.5	EDT -0400
8444	W3YT	Treasure Island	FL	USA	-146.8650	123.0	EDT -0400
4550	W4DOC	Atlanta	GA	USA	-146.8200	146.20	EDT -0400
4659	W4DUX	Punta Gorda	FL	USA	+147.2550	136.5	EDT -0400
8608	W4FMX	Huntsville In&Around N Alab	AL	USA	-145.3300	100.0	CDT -0500
8713	W4HKL	Caryville	TN	USA	+444.6750	100.0	EDT -0400
4557	W4HRS	Charleston	SC	USA	-145.4500	123.0	EDT -0400

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8087	W4HSV	Huntsville	AL	USA	-146.9400	100.0	CDT -0500
8036	W4IFE	St Petersburg	FL	USA	-442.7500	None	EDT -0400
7710	W4JAZ	Cocoa	FL	USA	+444.4000	103.50	EDT -0400
7049	W4LDO	Virginia Beach	VA	USA	146.4200	100.000000	EDT -0400
8635	W4MEV	Richmond	VA	USA	-224.4200	74.4	EDT -0400
8612	W4MIN	Arcadia	FL	USA	+147.0750	100.0	EDT -0400
4932	W4RAA	Daytona Beach	FL	USA	446.8750	100.00	EDT -0400
4995	W4RAT	Richmond	VA	USA	+442.5500	74.4	EDT -0400
4424	W4RAT	Richmond	VA	USA	-146.8800	74.4	EDT -0400
3569	W4SNA	Micro Node, Tobaccoville	NC	USA	440.7750	100.0	EDT -0400
4069	W4SNA	Micro-Node, Winston-Salem	NC	USA	-53.3100	100.0	EDT -0400
4719	W4UAL	Tuscaloosa	AL	USA	-145.2100	103.5	EDT -0400
4950	W4VM	Huntsville	AL	USA	+147.1800	100.00	CDT -0500
4642	W4VM	Huntsville	AL	USA	+443.2500	100	CDT -0500
7520	W4YI	Chattanooga	TN	USA	+442.4250	94.8	EDT -0400
7376	W5AIM	Allen	TX	USA	+442.8750	162.2	CDT -0500
3436	W5APX	VIDOR/BEAUMONT	TX	USA	-146.9400	100.0	CDT -0500
3670	W5BMC	Morgan City	LA	USA	146.5600	103.5	CDT -0500
7281	W5BSP	Clarkston	WA	USA	144.5500	123.0	PDT -0700
3834	W5BSP	Clarkston	WA	USA	444.5500	123.0	PDT -0700
7978	W5CVE	Ardmore	OK	USA	433.5000	None	CDT -0500
3013	W5DEL	Oklahoma City	OK	USA	-146.7000	103.5	CDT -0500
4122	W5DEL	Oklahoma City	OK	USA	+443.3000	162.2	CDT -0500
7072	W5DRU	League City	TX	USA	0.0000	None	CDT -0500
8727	W5EVH	SouthTexasLinkSystem.com	TX	USA	0.0000	None	CDT -0500
3283	W5HTA	Houston	TX	USA	+441.8750	114.8	CDT -0500
3635	W5ICF	Pearland	TX	USA	440.7750	156.7	CDT -0500
4216	W5LEX	Corpus Christi	TX	USA	+444.8500	103.5	CDT -0500
3647	W5LVB	Hot Springs	AR	USA	-146.8800	114.8	CDT -0500
3914	W5MCC	New Orleans	LA	USA	-146.8600	114.8	CDT -0500
7845	W5MGM	ADDISON	TX	USA	146.4400	100	CDT -0500
7847	W5MGM	Addison	TX	USA	146.4400	100.0	CDT -0500
7090	W5MIX	Dripping Springs	TX	USA	-146.7400	67.0	CDT -0500
3011	W5NGU	Denton	TX	USA	+444.0500	110.9	CDT -0500
4115	W5NRU	Ellisville	MS	USA	+146.8650	023	CDT -0500
5980	W5NRU	Collins	MS	USA	+146.9850	None	CDT -0500
7764	W5NS	Bartlesville	OK	USA	-146.6550	88.5	CDT -0500
7070	W5QLD	Manchester	MD	USA	-146.8950	107.20	EDT -0400
7586	W5UOK	Buffalo	TX	USA	+147.2800	146.2	CDT -0500
7919	W5YAK	El Paso	TX	USA	446.8750	100.0	CDT -0500
7538	W6BJM	SANTA MONICA [WALA]	CA	USA	223.6600	250.3	CDT -0500
8516	W6BMT	CREBC, Los Angeles .	CA	USA	438.1000	100.0	CDT -0500
7540	W6CBS	San Carlos	CA	USA	+441.6125	100.0	PDT -0700
3036	W6CBS	San Carlos	CA	USA	0.0000	None	PDT -0700
3804	W6CM	Galt	CA	USA	441.0250	88.5	PDT -0700
3057	W6CX	Mt. Diablo	CA	USA	+147.0600	100	PDT -0700
7821	W6DGS	San Jose	CA	USA	446.8750	100.0	PDT -0700
3180	W6DRA	Palm Springs (Tram Repeate	CA	USA	-145.4800	107.2	PDT -0700
3394	W6DVE	Fontana	CA	USA	446.8750	100.0	PDT -0700
3339	W6DVI	Los Angeles SGV	CA	USA	-446.8800	192.8	PDT -0700
3677	W6DWY	Brookings EchoIRLP Pi #5854	OR	USA	145.7500	None	PDT -0700
7283	W6ECE	Magalia	CA	USA	0.0000	None	PDT -0700
3128	W6EK	Auburn	CA	USA	-145.4300	162.2	PDT -0700

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5570	W6FM	San Luis Obispo-EchoIRLP-68	CA	USA	147.4500	91.5	PDT -0700
3742	W6FQ	Danville	CA	USA	446.8750	100.0	PDT -0700
3153	W6GLW	Barstow	CA	USA	446.8750	100.0	PDT -0700
3798	W6GOP	Ripon	CA	USA	441.0250	100.0	PDT -0700
7695	W6HDC	El Cajon	CA	USA	-447.5200	103.5	PDT -0700
8260	W6HY	Crescent City	CA	USA	147.5400	136.50	PDT -0700
3416	W6JIW	Adelanto	CA	USA	446.7000	100.0	PDT -0700
3091	W6JSO	Mazda Raceway Laguna Seca	CA	USA	+444.5250	123	PDT -0700
5750	W6KAP	Volcano-Sacramento-Stockton	CA	USA	+440.4500	127.30	PDT -0700
3141	W6KGB	Oxnard	CA	USA	-1285.7500	136.5	PDT -0700
7324	W6KL	Burbank	CA	USA	446.8750	100.0	PDT -0700
3941	W6MAG	Twain Harte	CA	USA	446.8750	100.00	PDT -0700
3763	W6RBC	Long Beach	CA	USA	443.9600	100.0	PDT -0700
3229	W6RCA	Mt. Eric	CA	USA	0.0000	None	PDT -0700
3208	W6RCA	Udder Peak	CA	USA	0.0000	None	PDT -0700
7840	W6RE	Palos Verdes W6GAA/R	CA	USA	-224.6600	100.00	PDT -0700
7409	W6REB	Capitola	CA	USA	0.0000	None	PDT -0700
7406	W6RHC	Chico	CA	USA	145.5800	110.9	PDT -0700
3924	W6ROD	San Jose	CA	USA	446.8750	100.0	PDT -0700
3146	W6RWN	Mission Hills	CA	USA	145.5550	91.5	PDT -0700
3946	W6SMV	Micro-Node Repeater, Temple	CA	USA	+443.5250	100	PDT -0700
7103	W6SON	Sebastopol	CA	USA	441.3750	088.5	PDT -0700
3399	W6SRR	Pleasanton	CA	USA	+147.0450	94.8	PDT -0700
3049	W6TL	Oakland	CA	USA	446.8750	100.0	PDT -0700
7067	W6TRW	Redondo Beach	CA	USA	+447.0000	100.0	PDT -0700
3157	W6TUG	Quitman	TX	USA	147.5700	100.0	GMT +0000
3063	W6TUG	Quitman	TX	USA	446.8750	100.0	CDT -0500
3228	W6WLS	Santa Cruz/Monterey Bay	CA	USA	+147.1800	94.8	PDT -0700
3150	W6YJ	Southern California	CA	USA	-449.3200	141.30	PDT -0700
3160	W6YJ	Oceanside	CA	USA	+446.8600	151.4	PDT -0700
7642	W6YOP	Concord	CA	USA	-223.9800	85.4	PDT -0700
7870	W6ZN	Palomar Mtn	CA	USA	-449.3000	100.00	PDT -0700
7913	W7AOR	Las Vegas Micro-Node	NV	USA	0.0000	None	PDT -0700
3646	W7AOR	Las Vegas	NV	USA	+448.2250	123	PDT -0700
7620	W7ARA	Phoenix (Downtown)	AZ	USA	+444.3000	100.0	MST -0700
7722	W7AVM	Whidbey Island	WA	USA	+147.2200	127.3	PDT -0700
7312	W7AW	Seattle	WA	USA	+441.8000	141.3	PDT -0700
7576	W7BOZ	Logan	UT	USA	-449.3000	103.5	MST -0700
3541	W7CTH	Twin Falls	ID	USA	+442.6000	82.5	MDT -0600
3211	W7DBA	Huntsville	UT	USA	-448.0250	123	MDT -0600
7535	W7DBA	Huntsville (PiIRLP)	UT	USA	446.0000	None	MDT -0600
7110	W7DK	Tacoma	WA	USA	+147.2800	103.50	PDT -0700
7141	W7DTS	Ephrata	WA	USA	+444.9000	103.5	PDT -0700
7937	W7EAT	Eatonville	WA	USA	146.7000	103.5	PDT -0700
7908	W7ECA	Great Falls	MT	USA	+147.3000	None	MDT -0600
3101	W7ECK	Duvall	WA	USA	146.5800	100.0	PDT -0700
7579	W7EXC	Tacoma	WA	USA	445.5000	103.5	PDT -0700
3187	W7FEL	Forks	WA	USA	-145.2100	100	PDT -0700
3249	W7FEL	Port Angeles	WA	USA	-146.7600	100	PDT -0700
5670	W7GMC	Great Falls EchoIRLP #42551	MT	USA	+147.3600	100	MDT -0600
3736	W7HNH	South Cle Elum	WA	USA	0.0000	None	PDT -0700
7605	W7JEZ	Olympia	WA	USA	223.4800	156.7	PDT -0700
7578	W7JFH	Bountiful	UT	USA	0.0000	None	MDT -0600

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
7750	W7JLW	Yuma	AZ	USA	446.8750	100.0	MST -0700
7509	W7LAD	Grand Jct	CO	USA	0.0000	None	MDT -0600
3582	W7LAD	Grand Jct.	CO	USA	0.0000	None	MDT -0600
7006	W7LDN	Junction City	OR	USA	146.4200	123	PDT -0700
7597	W7LHC	Lake Havasu City	AZ	USA	446.0500	123.0	MST -0700
3806	W7LKO	Elko	NV	USA	+444.9500	100	PDT -0700
3449	W7LYV	Prosser	WA	USA	+147.3800	123.0	PDT -0700
7685	W7NJN	Little Rock	AR	USA	146.4400	100	CDT -0500
7337	W7NNQ	Anacortes	WA	USA	449.4500	None	CDT -0500
7379	W7NNQ	Renton	WA	USA	444.4500	100.0	PDT -0700
7467	W7PRA	EUGENE	OR	USA	0.0000	None	PDT -0700
3039	W7RAT	Portland	OR	USA	+440.4000	123.0	PDT -0700
7891	W7RCL	Henderson	NV	USA	446.8750	100.0	PDT -0700
3754	W7RUG	Idaho Falls	ID	USA	-447.6200	88.5	MDT -0600
7852	W7SAA	Salem	OR	USA	147.4700	123	PDT -0700
3352	W7SP	Provo/Salt Lake City	UT	USA	-146.7600	None	MDT -0600
7873	W7TA	Reno	NV	USA	+147.3000	123.0	PDT -0700
3464	W7TAR	Jackson Hole	WY	USA	-447.7000	123.0	MDT -0600
3579	W7TJL	Tacoma	WA	USA	-224.2000	123.0	PDT -0700
7510	W7TRO	Lewiston	ID	USA	+444.4000	162.20	MDT -0600
3899	W7TRO	Lewiston	ID	USA	146.8600	100.0	MDT -0600
7377	W7TWA	Seattle - WIN System Affili	WA	USA	+441.6250	100.0	PDT -0700
3144	W7UDI	Ellensburg	WA	USA	+441.9750	103.5	PDT -0700
3384	W7UPS	Kennewick	WA	USA	446.6000	123.0	PDT -0700
3851	W7UPS	Kennewick	WA	USA	446.8750	100.0	PDT -0700
7612	W7UPS	Ritzville	WA	USA	+444.0500	123.0	PDT -0700
3223	W7UPS	Kennewick (Tri-Cities)	WA	USA	446.5250	100.0	PDT -0700
5432	W7VAI	Milpitas, California	CA	USA	146.4900	None	PDT -0700
3510	W7VOA	Wilton Woods	VA	USA	446.9250	107.2	EDT -0400
3362	W7WAC	Big Water, Lake Powell	UT	USA	145.5100	None	MST -0700
7223	W7XJ	Cottage Grove	OR	USA	432.4750	77.0	PDT -0700
3137	W7YC	Tucker	GA	USA	0.0000	None	EDT -0400
3138	W7YC	Colton	CA	USA	0.0000	None	CDT -0500
3836	W7YC	Slidell	LA	USA	0.0000	None	CDT -0500
4523	W8AK	Dayton	OH	USA	+442.9250	123	EDT -0400
3633	W8CTC	Hillsboro- Southwest Ohio	OH	USA	441.0000	None	EDT -0400
7921	W8CZL	Twin Peaks	CA	USA	446.8750	100.0	PDT -0700
4417	W8DOW	Livonia	MI	USA	444.4000	107.2	EDT -0400
8923	W8FSM	Fenton	MI	USA	0.0000	None	EDT -0400
4502	W8HP	Beverly Hills	MI	USA	+443.2250	107.2	EDT -0400
4520	W8HP	Oak Park	MI	USA	-146.6400	100	EDT -0400
8356	W8HRV	Sault Sainte Marie	MI	USA	441.8000	123.0	EDT -0400
8131	W8KMC	Miamisburg	OH	USA	+147.0750	67.0	EDT -0400
8094	W8NBA	Pataskala	OH	USA	+147.3300	123.0	EDT -0400
8530	W8USA	Sparta	MI	USA	-145.2300	94.8	EDT -0400
4380	W9BCC	Wausau	WI	USA	+444.3000	114.80	CDT -0500
5370	W9DUP	Downers Grove	IL	USA	-145.4300	107.2	CDT -0500
4350	W9DXN	Dixon	IL	USA	+444.8000	114.80	CDT -0500
8428	W9EAR	Vincennes	IN	USA	+443.9250	107.2	EDT -0400
4734	W9EI	Portable - Could be anywher	IN	USA	446.1000	None	EDT -0400
4733	W9EI	RV - Could be anywhere	IN	USA	+442.4000	127.3	EDT -0400
4294	W9GAP	Ogdensburg	WI	USA	-146.9250	118.8	CDT -0500
7333	W9GLB	Mobile Node	NV	USA	443.1000	77.0	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
7910	W9GLB	Las Vegas (Summerlin)	NV	USA	446.5000	77.0	PDT -0700
8080	W9IKU	Portage	WI	USA	446.0250	131.8	CDT -0500
7210	W9KXQ	Greenville	IL	USA	223.4200	103.5	CDT -0500
4049	W9LKI	Angola	IN	USA	147.1800	131.8	EDT -0400
8893	W9LU	Kokomo	IN	USA	147.4200	114.8	EDT -0400
8242	W9OSL	Green Bay	WI	USA	+444.7500	100.0	CDT -0500
4501	W9PQ	Melbourne	FL	USA	146.4600	107.2	EDT -0400
8739	W9TVM	Columbus / Fort Benning	GA	USA	+442.1000	123.0	EDT -0400
4994	W9UUM	La Crosse	WI	USA	+444.7500	131.8	CDT -0500
4315	W9YB	West Lafayette	IN	USA	-146.7600	131.8	EDT -0400
4044	WA0MFZ	Rapid City	SD	USA	147.5700	146.2	MDT -0600
3108	WA0MFZ	Rapid City	SD	USA	146.5650	146.2	MDT -0600
8074	WA0NUU	Pharr	TX	USA	442.6000	123.0	CDT -0500
3028	WA0VJR	Wallace	KS	USA	+444.5250	146.2	MDT -0600
7876	WA0VRS	Topeka	KS	USA	-224.8400	88.5	CDT -0500
8691	WA1NPO	Whitman	MA	USA	+147.2250	67.0	EDT -0400
4610	WA1NVC	Framingham	MA	USA	-448.1750	88.50	EDT -0400
8253	WA1NVC	Framingham	MA	USA	-927.0125	131.8	EDT -0400
8088	WA1NVC	Framingham	MA	USA	-927.5875	131.8	EDT -0400
4527	WA2EPI	Lake Hopatcong	NJ	USA	-224.6200	107.2	EDT -0400
4827	WA2GUG	Cairo	NY	USA	146.5800	136.5	EDT -0400
7783	WA2JM	Brinnon	WA	USA	145.5800	123	PDT -0700
4469	WA2JSB	West Orange	NJ	USA	+146.4150	85.40	EDT -0400
4455	WA2PVV	Chatham	NY	USA	+444.1000	100.0	EDT -0400
4762	WA2QDP	Pittsford	NY	USA	146.4100	123.0	EDT -0400
8601	WA2QDP	Wellesly Island	NY	USA	146.4500	123.0	EDT -0400
4148	WA2RYY	Bayshore	NY	USA	-448.1750	107.2	EDT -0400
8911	WA2UPK	Clermont / Orlando	FL	USA	+442.6000	103.5	EDT -0400
8637	WA2UPK	Clermont	FL	USA	446.1000	103.5	EDT -0400
4491	WA2WWK	Amherst [ILS]	NY	USA	439.9125	100.0	EDT -0400
4741	WA2YUD	East Rockaway	NY	USA	-224.5400	136.5	EDT -0400
4130	WA2ZPX	Middletown	NY	USA	+147.3900	123.00	EDT -0400
4668	WA2ZPX	Portable	NY	USA	0.0000	None	EDT -0400
4107	WA2ZPX	Patterson	NJ	USA	+442.0000	156.7	EDT -0400
8917	WA2ZPX	Portable	NY	USA	0.0000	None	EDT -0400
4910	WA3ADI	Havertown	PA	USA	147.4350	88.5	EDT -0400
8107	WA3EZT	Jenkintown	PA	USA	147.5550	123	EDT -0400
4419	WA3ITR	Wellesley	MA	USA	147.4650	107.20	EDT -0400
4000	WA3KOK	Washington	DC	USA	-449.9750	107.2	EDT -0400
4542	WA3KOK	Clarksville	MD	USA	144.4400	107.20	EDT -0400
4173	WA3KOK	Laurel	MD	USA	144.4400	107.2 1B	EDT -0400
8338	WA4CSS	Bradenton (PiRLP)	FL	USA	223.4500	454	EDT -0400
8331	WA4GDU	HENDERSON	KY	USA	+444.7250	82.5	CDT -0500
3710	WA4HND	Grand Junction	CO	USA	-449.3000	107.2	MDT -0600
8442	WA4PVI	China Grove	NC	USA	+443.2500	136.5	EDT -0400
3869	WA5DTR	Spring	TX	USA	+444.2500	None	CDT -0500
4825	WA5HC	Milton	FL	USA	446.2500	100.0	CDT -0500
3069	WA6AVR	Columbia	CA	USA	439.5750	94.8	CDT -0500
3828	WA6AXO	Juneau	AK	USA	-146.8800	100	AKDT -0800
8120	WA6BAI	Visalia	CA	USA	-146.8800	103.5	PDT -0700
4311	WA6CAL	Oroville	CA	USA	+442.1750	123.0	PDT -0700
3949	WA6DKS	Granada Hills	CA	USA	224.0600	None	PDT -0700
3809	WA6E	Loomis	CA	USA	147.5250	127.3	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
3143	WA6HWW	Grants Pass-WinSystemAffili	OR	USA	147.5700	100.0	PDT -0700
3460	WA6LA	WALA Bridge	CA	USA	0.0000	None	PDT -0700
3480	WA6LA	Palos Verdes I [WALA]	CA	USA	+145.3800	100.0	PDT -0700
3100	WA6LVX	Bakersfield	CA	USA	+52.5600	82.50	PDT -0700
3117	WA6MSN	San Luis Obispo	CA	USA	0.0000	127.3	PDT -0700
7962	WA6NHC	Naples	ID	USA	146.4600	167.9	PDT -0700
3323	WA6SFY	Azusa	CA	USA	445.5000	77.0	PDT -0700
7970	WA6TMJ	Hanover Park [WALA]	IL	USA	+223.7800	100.00	CDT -0500
7037	WA6UHF	Chico PiRLP	CA	USA	0.0000	None	PDT -0700
3225	WA6UQZ	Lompoc II [WALA]	CA	USA	446.5250	250.3	PDT -0700
7638	WA7ABU	Salem	OR	USA	-145.2900	None	PDT -0700
3377	WA7DJ	Oroville	WA	USA	+147.1400	103.50	PDT -0700
5620	WA7GIE	Salt Lake City	UT	USA	-433.6000	100.00	MDT -0600
3574	WA7GTU	Cedar City - EchoIRLP #1930	UT	USA	-449.9000	100.00	MDT -0600
3755	WA7RVV	Battle Ground	WA	USA	+443.6000	100.0	PDT -0700
3041	WA7UAH	Pleasant Grove	UT	USA	446.8750	100.0	MDT -0600
8659	WA9KJE	Chicago (Simplex)	IL	USA	147.5600	114.8	CDT -0500
4127	WB0AFB	Milwaukee	WI	USA	147.0450	123	CDT -0500
7598	WB0MTD	Grand Junction	CO	USA	446.5000	100.0	MDT -0600
3972	WB0QMR	Breckenridge	CO	USA	-146.7000	107.2	MDT -0600
3619	WB0YYE	Lincoln	NE	USA	146.4800	88.5	CDT -0500
3390	WB2BQW	New Windsor	NY	USA	-145.2500	100.00	EDT -0400
4490	WB2CIK	West Hills	NY	USA	+442.9500	114.8	EDT -0400
4543	WB2DKI	Palm Bay	FL	USA	145.7450	None	EDT -0400
8029	WB2ELW	Hamburg	NY	USA	+147.0900	88.5	EDT -0400
7788	WB2GEU	Kerrville	TX	USA	147.5700	162.2	EDT -0400
8933	WB2JPQ	Portable Node	NY	USA	446.1000	88.5	EDT -0400
4715	WB2JPQ	Colden [ILS]	NY	USA	-146.8350	88.50	EDT -0400
4068	WB2JPQ	Buffalo [ILS]	NY	USA	+444.1500	88.5	EDT -0400
8877	WB2JPQ	Eden [ILS]	NY	USA	+444.1500	127.3	EDT -0400
4067	WB2JPQ	Eden [ILS]	NY	USA	+444.1500	88.5	EDT -0400
4563	WB2JPQ	Buffalo	NY	USA	+444.1000	88.5	EDT -0400
7830	WB2NBU	Wellington	FL	USA	+147.2850	None	EDT -0400
8990	WB2ROL	Smithtown	NY	USA	+442.8500	151.4	EDT -0400
4287	WB2SNN	South River	NJ	USA	+443.5500	141.3	EDT -0400
4223	WB2WAK	Malverne	NY	USA	-447.0250	77.0	EDT -0400
4103	WB2WJF	Lantana [ILS]	FL	USA	146.5050	88.5	EDT -0400
8892	WB2ZEX	Brooklyn	NY	USA	446.0500	136.5	EDT -0400
4546	WB3EHB	Camden	NJ	USA	+444.3000	203.5	EDT -0400
4739	WB4BSD	Cleveland	TN	USA	146.4150	None	EDT -0400
8342	WB4GBI	Knoxville	TN	USA	-145.1700	118.8	EDT -0400
4065	WB4GQX	Cumming	GA	USA	+441.9000	141.3	EDT -0400
7950	WB4IVB	Corbin	KY	USA	+444.9000	100.00	EDT -0400
8319	WB4IVB	Corbin Raspberry Pi Porta	KY	USA	0.0000	None	EDT -0400
7775	WB4LDS	Arizona City (PiIRLP)	AZ	USA	446.0250	107.2	MST -0700
4009	WB5LHS	Baton Rouge	LA	USA	446.1750	156.7	CDT -0500
8266	WB5LHS	Baton Rouge	LA	USA	+444.6250	156.7	CDT -0500
3093	WB5QHS	Silver City	NM	USA	-145.2500	88.5	MDT -0600
3829	WB5UGT	Lufkin - Saltgrass Link	TX	USA	+444.4250	203.5	CDT -0500
3552	WB6AIA	Idyllwild	CA	USA	445.0000	114.8	PDT -0700
3667	WB6BDD	Pleasanton	CA	USA	0.0000	None	PDT -0700
3560	WB6HII	Medford	OR	USA	147.4450	103.5	PDT -0700
7757	WB6HII	Eureka	CA	USA	-147.4450	103.5	PDT -0700

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
7756	WB6HMMW	LA Habra	CA	USA	446.5200	146.2	PDT -0700
3207	WB6IAG	Paradise WinSystem Affilia	CA	USA	146.4900	100.0	PDT -0700
3827	WB6IAG	Mini-Node PIRLP	CA	USA	445.5150	100	PDT -0700
3897	WB6IWY	Cornelius	OR	USA	446.5250	123.0	PDT -0700
3246	WB6KHP	San Jose - 444.700	CA	USA	+444.7000	127.3	PDT -0700
3115	WB6NDJ	Oakland (EchoIRLP)	CA	USA	+442.4000	77.0	PDT -0700
3183	WB6QAZ	Cloverdale	CA	USA	-449.7000	88.5	PDT -0700
3540	WB6RLC	Palm Springs	CA	USA	-445.6400	131.8	PDT -0700
3159	WB6SKS	Albany	OR	USA	147.5700	123	PDT -0700
8410	WB6TCS	Covelo	CA	USA	+147.2100	103.5	PDT -0700
3522	WB6WYO	Westminster	CA	USA	223.6500	103.5	PDT -0700
3297	WB6ZVW	Morgan Hill	CA	USA	147.5250	127.30	PDT -0700
3720	WB7BTS	Golden Valley	AZ	USA	+147.3300	94.8	PDT -0700
3858	WB7JON	Kennewick	WA	USA	-146.8000	123	PDT -0700
3674	WB7WAM	Yakima	WA	USA	445.8750	103.5	PDT -0700
7197	WB8GRS	Little Elm (Rasberry Pi)	TX	USA	145.7600	123.0	CDT -0500
7137	WB8SQS	Fulton	MO	USA	0.0000	None	CDT -0500
4235	WB8VSU	Dayton	OH	USA	+442.3000	123.0	EDT -0400
8625	WB9RSQ	Evansville	WI	USA	145.7850	123.0	CDT -0500
4187	WB9TLH	Kirksville	IN	USA	+443.0500	136.5	EDT -0400
3252	WB9ULG	Henderson	NV	USA	446.8750	100.0	PDT -0700
8925	WC1P	Winchendon	MA	USA	445.5000	123.0	EDT -0400
4156	WC4PEM	Bartow	FL	USA	+444.9500	127.30	EDT -0400
3942	WD0BQM	Mitchell	NE	USA	445.1000	100.0	MDT -0600
3081	WD0EKR	Canon City	CO	USA	-447.7500	103.5	MDT -0600
3096	WD0HXN	Erie	CO	USA	446.2000	103.5	MDT -0600
3495	WD0JIM	San Jose	CA	USA	446.8750	100.0	PDT -0700
3795	WD5IEH	San Antonio	TX	USA	-145.1700	141.3	CDT -0500
3170	WD6AWP	Santiago Peak	CA	USA	-145.1400	110.9	PDT -0700
3892	WD7F	Tucson	AZ	USA	-146.9400	110.9	MST -0700
7366	WD7FGX	GRANTS PASS	OR	USA	+444.2500	103.5	PDT -0700
3190	WD8CIK	Holly Wood/ Mt Wilson	CA	USA	-445.1400	127.30	PDT -0700
7980	WF7S	Kennewick	WA	USA	-146.6200	123.0	PDT -0700
8281	WH7BR	Volcano	HI	USA	144.4400	100	HST -1000
3024	WH7CD	DISCOVERY BAY	CA	USA	147.5850	100.0	HST -1000
3212	WH7CD	Kailua-Kona	HI	USA	147.5700	100.0	HST -1000
3877	WI6RE	Ridgecrest/China Lake - WIN	CA	USA	-448.8000	100.0	PDT -0700
3741	WI6RE	Ridgecrest	CA	USA	446.5000	100.0	PDT -0700
7749	WI6RE	Ridgecrest	CA	USA	0.0000	None	PDT -0700
7807	WJ7H	Freeland	WA	USA	439.6750	151.4	PDT -0700
8786	WJ8E	Oregon	OH	USA	+147.3450	103.5	EDT -0400
4868	WK8H	Vermontville	MI	USA	446.2000	74.4	EDT -0400
7653	WL7CW	Fairbanks	AK	USA	0.0000	123	AKDT -0800
7794	WL7CW	Fairbanks	AK	USA	+147.1800	123.0	AKDT -0800
7758	WL7CWZ	Kodiak	AK	USA	147.6600	141.3	AKDT -0800
3571	WL7CXF	Cordova	AK	USA	-146.9400	100.00	AKDT -0800
7134	WL7KE	East Anchorage	AK	USA	146.3200	123.0	AKDT -0800
7968	WL7LP	Seward	AK	USA	147.5500	123.0	AKDT -0800
7155	WL7LP	Eagle River	AK	USA	146.4600	123.0	AKDT -0800
7148	WL7LP	North Pole	AK	USA	147.5500	123.0	AKDT -0800
7369	WL7LP	North Pole	AK	USA	147.2500	123	AKDT -0800
7463	WL7N	Ketchikan	AK	USA	146.9000	100.0	AKDT -0800
7168	WL7NI	Anchorage	AK	USA	-145.1500	123.0	AKDT -0800

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
7677	WL7PP	Eagle River	AK	USA	147.4100	136.5	AKDT -0800
3879	WN6LNZ	Los Angeles	CA	USA	446.8750	100.0	PDT -0700
3321	WO3B	North Las Vegas	NV	USA	146.5550	100	PDT -0700
3632	WO3B	North Las Vegas	NV	USA	+449.4500	100	PDT -0700
7796	WP4IUO	Humacao	PR	Puerto Rico	144.4400	131.8	AST -0400
7708	WR0AEN	Denver	CO	USA	-449.6750	107.2	MDT -0600
3835	WR0U	Mt. Pleasant / Westwood	IA	USA	146.5650	100	CDT -0500
4815	WR0U	Nashville	TN	USA	446.8750	100.00	EDT -0400
8058	WR2AHL	S. Bristol	NY	USA	-145.1100	110.9	EDT -0400
4250	WR2ROC	Rochester	NY	USA	+444.2500	110.90	EDT -0400
4441	WR4AGC	Durham	NC	USA	+444.1000	None	EDT -0400
8658	WR4AGC	Hillsborough	NC	USA	0.0000	None	EDT -0400
3421	WR6ABD	San Jose - LPRC - WIN Syste	CA	USA	+442.9000	162.2	PDT -0700
3340	WR6JPL	Pasadena	CA	USA	-224.0800	156.70	PDT -0700
4282	WR8ABC	Lakewood	OH	USA	-146.8800	110.9	EDT -0400
7587	WS0W	Frederick	CO	USA	147.5550	67	MDT -0600
3713	WS5D	Clovis	NM	USA	+444.4500	88.5	MDT -0600
7151	WT0F	Issaquah	WA	USA	147.5600	156.7	PDT -0700
8373	WT4RA	Isle of Wight -EchoLink #88	VA	USA	+147.1950	100.0	EDT -0400
7361	WV0S	K-Link - Topeka (Pi2)	KS	USA	-146.8050	162.2	CDT -0500
3957	WV7G	TACOMA	WA	USA	145.5600	103.5	CDT -0500
4604	WW2ARC	Ocean Township	NJ	USA	+443.0000	127.3	EDT -0400
2131	WW2D	MINI NODE PI FGO YONKERS	NY	USA	431.0000	151.4	EDT -0400
5430	WW7CPU	West Chandler	AZ	USA	-448.9500	100.00	MST -0700
7774	WW7PSR	Seattle	WA	USA	-146.9600	103.5	PDT -0700
7795	WW7SEA	Seattle	WA	USA	+444.5500	141.3	PDT -0700
7378	WW7SEA	Seattle	WA	USA	+444.7000	103.5	PDT -0700
4001	WX1PBD	Peabody	MA	USA	147.5550	88.5	EDT -0400
4389	WX4WW	New Smyrna Beach	FL	USA	432.7200	118.8	EDT -0400
3799	WX5FWD	Fort Worth TX	TX	USA	441.0250	None	CDT -0500
3786	WX5FWD	Fort Worth - NWS SKYWARN	TX	USA	446.4750	74.4	CDT -0500
3704	WX5LAW	Lawton	OK	USA	+444.0750	123.0	CDT -0500
3472	WX6AAA	Ocean Side	CA	USA	446.8750	100.0	PDT -0700
3280	WX7Y	Castle Dale	UT	USA	-448.5500	88.50	MDT -0600
4819	WZ2Y	Montauk	NY	USA	-145.2700	136.5	EDT -0400
7355	XE1AO	Colima	Colima	Mexico	146.4000	67	CDT -0500
8474	XE1CRG	Irapuato-Leon-Salamanca	GTO	Mexico	+147.3300	100	CDT -0500
8148	XE1DGC	San Luis de la Paz	GTO	Mexico	-145.3700	100.0	CDT -0500
8396	XE1DGC	Celaya	GTO	Mexico	+147.0000	88.5	CDT -0500
7404	XE1DVI	Los Angeles (portable)	CA	USA	147.5250	167.9	PDT -0700
5328	XE1EFQ	Mexico City	DF	Mexico	430.9500	85.4	CDT -0500
5332	XE1EFQ	Mexico City	DF	Mexico	430.9500	85.4	CDT -0500
5778	XE1EFQ	Jantetelco	MOR	Mexico	146.5800	100.0	CDT -0500
5777	XE1EFQ	Pachuca	Hgo	Mexico	146.4300	100.0	CDT -0500
8962	XE1FDR	Xalapa	VER	Mexico	147.5250	167.9	PDT -0700
3484	XE1FUZ	Arandas	JAL	Mexico	146.4000	100.0	CDT -0500
8125	XE1FXT	Atotonilco el alto, Jal.	Jal	Mexico	-146.6400	88.5	CDT -0500
3404	XE1FXT	LOS ALTOS DE JALISCO	JAL	Mexico	+147.2100	77.0	CDT -0500
8067	XE1GQP	ARJAC Guadalajara, Jal	Jal	Mexico	438.2000	100.0	CDT -0500
8855	XE1GQP	ARJAC, Tlaquepaque	Jal	Mexico	147.0900	123	CDT -0500
8126	XE1LM	FMRE, Ciudad de Mexico	DF	Mexico	147.4100	100.0	CDT -0500
8335	XE1RCQ	QuerÁtaro	QRO	Mexico	-146.8500	100	CDT -0500

Node ID	Callsign	City	Prov./St.	Country	NodeFreq	CTCSS DCS	Time
8952	XE1RCS	Ciudad de Mexico	CMX	Mexico	+147.0600	103.5	CDT -0500
8102	XE1ROQ	"Radio Club Rey Nayar" , Te	Nay	Mexico	147.5400	100	CDT -0500
8757	XE1TH	Tulancingo	HGO	Mexico	+147.3900	88.5	PDT -0700
8501	XE1VY	Morelia	MIC	Mexico	145.4900	141.3	CDT -0500
8059	XE1ZAT	Toluca	Mex	Mexico	-146.7300	100	CDT -0500
8798	XE2GF	CREBC, Tijuana	BC	Mexico	+147.3300	186.2	PDT -0700
8899	XE2GRM	Ensenada	BCN	Mexico	-145.2100	94.8	PDT -0700
8386	XE2HIH	CREBC, Tijuana	BC	Mexico	438.0250	100.0	PDT -0700
8998	XE2ITZ	Chihuahua	Chi	Mexico	-438.2000	71.9	MDT -0600
8999	XE2JEG	Chihuahua	Chi	Mexico	0.0000	None	MDT -0600
5320	XE2JVD	DELICIAS CHIHUAHUA	CHI	Mexico	146.5500	100	MDT -0600
8803	XE2LGA	San Luis Potosi	SLP	Mexico	145.4900	100.0	MDT -0600
8365	XE2LRD	Durango	Durango	Mexico	-146.8800	100	CDT -0500
8422	XE2MBE	DURANGO	DGO	Mexico	438.1000	186.2	CDT -0500
7773	XE2N	Monterrey EchoPIRLP	NL	Mexico	+438.1500	123.0	CDT -0500
8504	XE2N	Monterrey	NL	Mexico	+147.1800	123.0	CDT -0500
8975	XE2PMP	CHIHUAHUA	CHI	Mexico	145.5500	100	MDT -0600
8005	XE2PNA	San Luis Potosi	SLP	Mexico	147.4200	91.5	CDT -0500
5151	XE2SI	CREBC, RaspBerry PI .	BC	Mexico	438.1000	100.0	CDT -0500
8503	XE3AYZ	San Cristóbal de Las Casas	CHS	Mexico	146.3500	100.0	CDT -0500
8318	XE3DSD	San Cristóbal L.C.(Radiocl	Chiapas	Mexico	+147.3000	100.0	CDT -0500
7119	XE3DX	Tuxtla Gutierrez (PIRLP)	CHS	Mexico	+147.0600	100.0	CDT -0500
8675	XE3RNK	Villahermosa	TAB	Mexico	146.5700	123.0	CDT -0500
6095	ZL1AM	Whangarei	--	New Zealand	-438.7000	None	NZST +1200
6398	ZL1BOI	Bay of Islands	--	New Zealand	-146.7500	None	NZST +1200
6950	ZL1BQ	Auckland	--	New Zealand	-146.7000	None	NZST +1200
6966	ZL1IBM	Whananaki	--	New Zealand	432.7000	None	NZST +1200
6549	ZL1IS	Waikato Repeater Network	--	New Zealand	-145.6750	None	NZST +1200
6609	ZL1KIWI	Hamilton	--	New Zealand	0.0000	None	NZST +1200
6929	ZL1KW	Kawerau	BOP	New Zealand	-147.0000	None	NZST +1200
6223	ZL1MBB	Whitianga	NZ	New Zealand	+147.0750	None	NZST +1200
6767	ZL1NC	Bay of Islands	--	New Zealand	146.5250	None	NZST +1200
6595	ZL1OTF	KAIPARA HARBOUR	NZ	New Zealand	147.3250	None	NZST +1200
6105	ZL2AA	Gisborne	--	New Zealand	-146.8000	None	NZST +1200
6793	ZL2AS	Hastings	--	New Zealand	+147.2500	None	NZST +1200
6943	ZL2KO	Feilding	Manawatu	New Zealand	+147.1250	None	NZST +1200
6285	ZL2KS	Blenheim	--	New Zealand	-146.9500	None	NZST +1200
6910	ZL2LD	Masterton	Wairarapa	New Zealand	-147.1750	None	NZST +1200
6900	ZL3CAR	Christchurch	--	New Zealand	-145.6250	88.5	NZST +1200
6397	ZL4AU	Invercargill	INV	New Zealand	146.4500	None	NZST +1200
5996	ZL4DE	Te Anau	--	New Zealand	432.7000	None	NZST +1200
6507	ZL4JH	Dunedin	--	New Zealand	-146.6500	None	NZST +1200
8719	ZS0JPL	Pretoria	Gauteng	South Africa	-145.7250	88.5	SAST +0200
8234	ZS1JEN	Montagu	WC	South Africa	145.4550	None	SAST +0200
8144	ZS1JEN	Cape Town	WC	South Africa	145.3500	None	SAST +0200
8662	ZS2PE	Port Elizabeth	EC	South Africa	-145.6500	None	SAST +0200
8555	ZS5DT	Harrismith	Free State	South Africa	145.5500	None	SAST +0200
8300	ZS5KZN	Durban	KZN	South Africa	-145.6250	None	SAST +0200
8661	ZS6STN	Johannesburg Sandton	Gauteng	South Africa	-438.8000	None	SAST +0200
8535	ZU9DCM	Cape Town	Western Cape	South Africa	-434.6250	None	SAST +0200