

ARRL DXCC - DXCC Challenge

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 19 Jul 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

3304 EA8AK	3220 OH2BU	3195 GM3POI	3177 UT5UGR W3LPL	3157 9A2AA	3141 K2TQC
3294 HA0DU	3216 OH3SR	3193 G0JHC	3174 CT1APE SM3GSK WB9Z	3156 9A7V	3139 I2AOX
3264 LZ2DF	3214 IK4WMA	3192 F6BKI W3UR	3171 IK1GPG	3154 PA3FQA S58T	3138 GM3YTS OH1ND OZ1BTE
3256 CT1EEB	3213 PE5T	3191 W1NG	3169 OH1XX	3152 G3KMA	3136 N4CC
3255 SP5EWY	3210 KJ9I	3188 YU1FW	3167 SM6CVX	3150 PY2XB SP3E SP3EPK	3134 IK4GME
3250 JA1BK	3207 N1DG	3187 K5UR	3166 JA5EXW	3149 HB9BGV OG2M SV8CS	3132 JR3IIR
3246 DF3CB	3204 N4WW W4DR	3185 W1JR	3164 N3XX	3148 JA3FYC	3131 DF3GY I5NPH
3244 4X4DK UT7QF	3203 G4BWP	3182 W9ZR	3163 NN4T SM0AJU	3146 JA5AUC	3129 EY8MM N0TB SV1FJA UT3UA
3235 S50A	3202 DJ6RX	3181 I4EWH	3162 JH4UYB	3145 UR0MC	3127 IZ0AEG JE6KYA SM3EVR
3223 OZ1LO	3201 IK4MGP K8MFO	3180 K5RK	3161 CT1EKY JA4LKB	3144 K4CIA	3126 VE3EJ
3222 DJ9KG	3200 I4AVG	3179 IK4DRY OE6IMD	3158 DL4MCF	3142 DL7VEE OE3GCU	
3221 JR2KDN K4PI	3197 EA6SX UX0UN	3178 JA4DND JH4IFF			

3125 IK8HJC JF2MBF	3103 F6AOJ G3XTT	3081 9A2EU HB9BIN KF2O VK4MA	3060 G3ZSS	3042 EI7BA F5II JA1UQP	3030 IK2YCW
3124 EA3A JQ3DUE	3102 S59Z		3058 OE1WEU		3029 OH2BCK W4TO
3121 SM6CMU WD5COV	3101 AA7A	3080 9A1CCY	3056 N8RR	3041 HA8IE OH5KW US5WE W5OZI	3028 AG9S SM6CCO T77C
3120 JA4LXY W3YX	3100 JH1GZE	3078 N3SL OE2VEL	3055 SM5KNV W2YC	3040 DJ2YA K8PT	3025 KW9A N4CH N7NR
3119 NJ6P OK3GU	3099 AA1V LY2IJ	3077 DF4PL	3054 JA1HGY	3039 HB9AMO WK3N	3024 DL5DSM F6BEE LA5IIA
3118 G4CCZ IK5HHA N8DX VA3DX	3097 GM0GAV JG3QZN SP9DWT	3076 N4BAA W5ZN	3053 JR6EZE	3038 DL1AMQ W4PK	3022 DL2OE OE5KE
3117 I0WDX N2QT PA0WRS	3095 JA2VPO	3075 K4DY SP6CIK	3051 OE6MDF	3037 F6EXV JA2WYN	3021 K4SO
	3093 W7UT	3073 SP5CJQ	3049 N4RJ OH1LEU	3036 JG1ULJ W9RPM	3020 JA0DAI KX4R SP5DIR W3CC
3114 IK6DLK	3091 W0BV	3071 SL0ZG	3047 G4PWA	3034 I4LCK K2FF	3019 JA7QVI JJ3PRT N0AT UT9FJ
3113 JA2JPA W4DXX	3090 SP7VC	3070 YO9HP	3046 HA5WA JH2FXK SP1S UT7UJ	3033 JA2FBY JA5AQC N2LT UB7K	3018 JA3EMU
3111 OH1MA SM5CEU SP2FAX	3088 K3UA	3068 N0XA W8UVZ	3045 N5KD	3032 SP8NR UY5ZZ	3017 R7LV SP7GAQ
3109 SM3NRY	3087 ON4AOI YO5BRZ	3067 IK6FWJ	3044 K0KX N9IW S51DI	3031 AA6YQ G3TXF JR3GWZ JR7VHZ N2TK	3014 EA6NB K5DU KY7M UA4HBW
3106 ON4IQ	3085 DK5PR IK4CIE	3065 SV1RK	3043 DK5WL JA5MHD N6AR		
3105 EA5BM IZ1ANU	3082 KD5M YO3APJ	3064 K4XP NR1R			
		3062 K4MQG			
		3061 G0DQS UX1UA			

UT5JAJ	3002 JA0UUA JA6BZI UX0FF	2987 JH1HGC	2968 N4II	2954 N8PR SP8AJK	2938 HB9RG K0EU OZ1AXG OZ8BZ UA3AB UR5WA W6XA
3013 SM6DHF		2986 K4QL NI0G RA3CQ	2967 W9IXX	2953 K9RX	
3012 JF3KON K5XI N5DG	3001 FK8CP G3SJX N3NT US4EX VE2TZT	2984 MD0CCE	2965 DK1FW K3FN K4SV	2952 IK6SNR	
3011 DJ8NK		2982 K5KC	2964 CT4NH DJ0MDR JA2IVK	2951 JA9CHI K1ZZ	2937 JL1SAM RA3DX WB6RSE
3010 F5NBU G4OBK K8SIX	3000 5B4AGN DJ4AX F5UKW I5KKW JA7MSQ JH4ADV K9EL OK6DJ SP3DV	2980 JJ2LPV N4XM	2963 JA1XEC	2950 K4MWB	2936 AD5A
3009 AA1QD		2979 N2WK N6JV W3LL	2962 JA0EOK YV1DIG	2949 N7RT OK1MP*	2935 R3OK YU3AA
3008 CT1IUA JA2JW RW2A S53R W3DF	2999 F6DAY	2978 N2NL	2961 N5ZM	2947 K1UO OH3BU	2933 9A3SM
3007 SP2GJV	2998 K4UTE	2977 K5ESW	2960 DK2LO W1GL	2946 HB9BZA	2932 EA1DFP K1ST
3006 R4GM SP3CFM UT7UW	2997 DJ5FI	2976 EA5RM	2959 EA6VQ K4IQJ UA3AKO	2945 W1TSP W7AO	2931 F2JD IK5MEN JA3PIS
3005 AA4V IW1ARB W1YY	2996 W4UM W4VQ	2975 JF1PUW K5EJ	2958 JA1SYY	2944 WA7NB	2930 IZ8FWN OH5VT
3004 EA1DR IV3JVJ IV3ODE JH0INP	2995 UA4CC	2974 KA9CFD OZ3PZ	2957 K2UO UX1AA W3KX	2943 I8IGS JA2DPC	2929 AB3CV JF8QNF
3003 9A5CY IZ1LBG OE2LCM PY2BW	2994 K0IEA VE3XN	2973 JA0FSB WX4G	2956 NO8D RZ3AM WP4U	2942 K0SR	2928 DJ4PI IK5ACO IK6GPZ JA2FJP RA7A
	2992 DL7MAE K1HTV	2972 IK4DRR JH1IFS	2955 JH2UVL W0VTT	2941 KV7K N4JF	2927 EA4KD OZ4O
	2991 JA2JNA	2971 UA6A		2940 JA0CRI JH1TWT K5BG	
	2988 DF2UU N4MM	2969 K5EK		2939 IZ8FFA	

2926 DM5EE UA4CR	ON4CD SM6CNN	2897 OZ1CTK	2882 JA7JWF	2868 AB4IQ IZ5DKJ N8BM* W4FC	2856 JF2UPM NE1B W1ECT
2925 HA5AGS N5AW S54E	2912 K4HB NK1K W1CU	2896 KG7H	2881 I1EIS N5TY*		2855 JI2KXK JR3OEH OE1ZL SP3IBS
2923 N9US OE5NNN	2911 CT1ILT	2894 RJ3AA	2879 G3LZQ JA2NDQ JA5IU JH1RFR LA5HE SP6CZ	2867 JA3RAR JH4JNG JL1UXH K1DG	2854 KG4W RV3LO
2922 K1AR N8TR	2910 K3UL K4XO	2892 JA1ANR N4NX WB4OSS		2866 JA9APS KN4F	2852 NQ1K
2921 I3BUI K9ZO W5XX	2909 JA0GJJ	2891 CT1FMX	2878 IV3YYK JA2ZL N4PQX RW0LT W1RM W9RN	2865 G0OIL K9NW UA3DPM	2851 F4BKV NY0V
2920 N4QS OH1TV	2908 HA1RW JE2LUN K8FL RW5C	2890 JH1ECG K9YY OK1CF R5AJ RZ1OA W3NO	2877 SM3VAC	2864 A45XR OH2BLD	2850 JR3VXR SP3CGK W1TC
2919 DL1DUL K2UU K9NU LZ2JE	2907 DL1EJA	2889 EA1N IK0MHR JA1ADT JR4OZR K3WC	2876 LA4GHA SM6CTQ	2863 4Z5CX DJ5AV N4DB	2849 IK7NXM JA2LCP RY7G
2917 9A2NO IZ1BII	2906 EA3JL OH3JR UA3TCJ W6UB	2888 K4HGX N8JV	2873 LA7JO	2862 E72A K3WW R3AW	2848 N5UR VE3LYC
2916 AC4G EA3GP RU3FM	2905 PY5HOT W18A	2887 JA6LCJ	2872 JA8EAT K5MC K8ZTT RA4CC	2860 IT9JNR SP9JZU YO7LCB	2847 N2TU
2915 W8AV	2904 PY5EW	2886 JO7WXN K6ND	2871 JA9LJS JI4POR		2846 IK1YED JA9FPI KF0QR R7DX
2914 OM3DX RK4FD W2IRT	2903 RY9C	2884 AA1ON JE8BKW R7AA	2870 EA1YO ZS4TX	2859 HL3IUA JA1EOD K4ZYU	2845 R9FM WA4FFW
2913 EA5BY N4HU OE8RT	2901 HK3W K4CN W0MHK	2883 EA7TV PY5EG SM5CZQ	2869 JA2BDR JA2XYO JN7FAH LA7HJA SP6HEQ	2857 JA4FKX UA6MF	2844 JA1SJV K3WA UA4LY

2843 JE1SYN W8GC	2830 K9EU SP1MGM UA3AP	2819 N9AU* SV1AVD	2806 G3SNN JA1DUH JS2LHI K1OA LA3MHA W9XY	2793 AG4W RA3DA	2779 K0JGH NI6T W6SR
2842 SM4EMO	2829 DJ9HX N5OK W7DO	2818 I6FLD W6OAT		2792 JH3CUL SM0CCM UT2UB	2778 JA6CRP NN4X
2841 DF6PB JF1WPB		2817 JH1NYM RU6B S52F	2805 5B4MF F6HDH HA9PP	2791 JA2VQF	2777 DK5AD JE1FQV W0YG
2840 DK2NG SV1CNS	2828 IK2QPR K5KLA OK2ZU	2816 IK5DNF K9US WA5VGI	2804 VA5DX W9AJ	2790 4Z5MU W0UO	2776 JA6VQA K8GG
2839 K2VV LA7AFA	2827 9A2JK DF2RG IK0FVC	2815 9H1SP RL9F SV1DPI	2803 EA3WD JA5XAE	2789 HB9DHK I1FQH IK4HLU VE3DZ	2775 9A2NA JA7KY
2838 JR2LJO W1DIG W8OI	2826 AA4HP ON4GG SM2OAN WA2VYA	2814 IW0HEX KC7V	2802 HB9ALO IK0XBX KA9FOX MM0EAX UR5EDX	2788 F5PAC N5ORT	2774 JH3VNC
2837 DL6ATM G4IRN VE1DX VE3FF W5TCX W9OP	2825 K5XX	2813 9A8A DL5WW	2801 K7NN	2787 KN5O VE3BW W5XC W9MU	2773 HB0CC K3PA
2836 HB9DDO	2824 AB6QM IK1WGX JA4MRL JE2URF RZ3DX W2SM	2812 9A4T K7ZV UW5ZM	2800 IK0FUX RU3QR	2784 K5AQ W7KNT WE9R	2772 IZ8VYU
2835 EA6ET UA1OIZ	2823 AI9L JR1XIS	2811 JE2LPC	2799 W2LO	2783 N5FG	2771 K2CL N5XZ PA3C RU3DX UA3AGW UR5MID W1FJ
2834 AA5AM JA8DNV R7NW SM3NXS VE3EXY	2821 IU7QBB JA9RRH JO1WKO N4AH SP6DNZ UA0ZC	2810 DK3DG HB9HFN N4DW WB9CIF	2798 SP7HOV SV1JG	2782 SM6BZV	2770 JF2XGF
2833 K0DEQ		2809 DL6KR	2797 IK0PEA	2781 AJ6T DK0PM RN3QN UA3LAR	2768 HA1RB JA4PXC
2832 DL4CF K5ZK N0AV	2820 I4MKN JR7BDQ	2808 LB8DC	2796 JS3CTQ	2780 CT1GFK N7US	2767 K5RT
		2807 DK6WA	2795 K6FG		2766 G0BNR
			2794 IK4PLW		

HA7TM WA2WSX	2751 UA4HAU	2738 EA7R HB9DDZ WX1S	JJ3HGJ	2716 DL7BA EI6FR UA9FAR W8HC W8HW	2706 JI1LET S52DD
2764 AI0O JA4DLP JA9NLE K2RW	2750 JA9PPC K6XT N8DJX	2737 G4IYY JA3GN OH6RX UT7UV	2727 JA3AZD SP2BMX		2705 EA3BS G5LP
2763 RA0FF	2749 PY7DJ		2726 K5GKC RX4HZ	2714 JA6WJL JI8DGO JR7WFC K0KT NX7U RA3QK	2704 JF7XKY K0JUH ZS1LS
2762 9A1HBC DJ9VA	2748 JN1BMX VA2WA W6RLL	2736 K4WA	2725 DL6MRS EA8AKN JF0EHX R3VA		2703 DL1YD K8EUR KA1R NM6V SP6M W0FLS
2761 I4KDJ JA4EPE JL1RUC K6KLY W1YM	2747 E72U KK2I KZ2I N6ET	2735 JA4OK JR1BAS K8NVR W0DJC WT8C	2724 I7CSB JA3FGJ PY2YP	2713 HB9TKS JA8RJE OK2QA UA0CW W1MK	
2760 NV9L UN5J	2746 KP2A UY5AA	2734 AJ9C W6YI	2723 SM5FUG	2712 JG0CQK JH3VWN WB3AVN	2702 AH7C WP4G
2759 IK4ADE ZS6EZ	2745 W2LK	2733 CU2DX K8AC	2722 NS4C W5ADD		2701 HB9SLO K7BG OE3EVA R6AF SP3CJS
2758 PY2SP	2744 JR6FC RA3XDX	2732 JA5NLN SV2AEL UT8IO W7OM	2721 AD1C DL9GFB K9MK W9XX	2710 EA2IA W5AJ	
2756 RV3FT UN7JX	2743 RD3K	2731 DJ9ON	2720 ON4IZ US0KW UX3IW	2709 HB9AUS R9TO W8TN	2700 DJ9ZB JH4ALY JH7RXU N9LB RA9CMO WA2HZO
2755 DL5AN PA3EWP SP6CES	2742 DL5ME K1BD KB0EO SP9ODY	2730 JK1EXO K1NU KB8VAO SP9RCL	2719 F5CQ G4GIR N7RO	2708 9A5X CT1BH K3RA K7PI OZ1ADL PY4OY UN6T	2699 IZ8XQC K8WK UT4MF YU1CC
2754 JA1SVP KC9ARR	2741 JA1KQX K1GG SV1BTK	2729 DK2JX G4PTJ JA2KVD K5UO WB4TDH	2718 JE1LFX N9FN OE6DK	2707 DM2DXA G0BLB G4WFFQ JH1HHC SP3FAR	2698 K8GI RW3RN
2753 AB9V	2740 R5DT		2717 AA5C JA5WIZ JF1UVJ		2697 KJ3L
2752 CT1BOL SM4DDE	2739 F6FXU IT9DSZ	2728 JA9TWN			

2696 JE3GRQ	JE1BMJ WX2S	2665 N2BJ WA8WV	2655 HB9LCW JH8RZJ UA3TT	W9BF	RX3AGD
2695 W5FKX	2678 DF2IS JE3ENP K6AM	2664 K4SE	2654 DL4SZB SM6NOC W8DCH	2641 K8TL OE1WHC W2YJ	2630 JJ1DWT
2693 W0AW	2677 IK4BHO JE2DZC N7KA NA5C W4BP	2663 I5ZGQ OE4PWW OE5RLM	2653 JA3APL	2640 DL6ZXG IV3RAV JA2AHH WA3C	2629 W4OX
2692 K3JGJ PE1L	2676 4Z4DX EC3A K9IR W2PK YB5QZ	2662 JA1WSK JA9CHJ JE2OVG	2652 AF9H IZ0RVI K0BBC LA8PT SK3PY UT5EL W5LT WB0TEV	2638 CX6VM JA2CXF N4TL RW3XZ SV3DCX W2JU	2628 IT9ELD JA7LGE K2SHZ KF8UN PY2XU
2691 CU2AP F5HNP WE7K	2675 JH7XRG KE9ET	2661 JE6TSP JG3IWL W9ILY	2651 AA9A EA5KA JN1RQV	2637 UA0FZ UN7LZ	2627 CT1FCX G3WPH N7IR RW4C
2690 JA1XCZ OE1AZS SP7ITB W1SKU	2674 JH1QAX	2660 AA8CH DJ4XA IZ3ENH JA7MFL RW4NN SP3QDM W7CT	2649 AD5Q N5LZ	2636 EA5GPQ K1LPS K8VFX N1SV N8KOL NN4R	2626 WA1JMP
2689 W2KKZ W6VX	2673 IW0SAF W9NGA YS1RR	2659 K8BCK KZ4V LA9AJA	2647 K2EP KS1J WB8BPU	2634 EI2GLB I5HOR K1DT K4XD N1NK S57AC WC5N	2625 G3SVD GM3PPE JH1BZJ WA9PIE
2688 JA0DIN JA0IXW	2672 G3VKW OH2FT	2658 DF3UB ON4ON UW2ZM W4QN	2646 JN1GTG SM0NJO	2633 K6GXO NU8Z W6XK	2624 DF9ZW JA1IZZ JH1AGU KM1D LA7GIA
2687 W3AP	2671 JE7JDL K1KD	2657 K9MM N3MN RA1QD	2645 W3JX W4TV	2631 9A1CAL IV3IZU JA7IC K9XD OE3SGU	2623 N9RS
2686 KD6WW RM0F	2670 DL3ZA R8TX YL2MU	2656 DL5CW K0JY LA5LJA NS6C	2644 LA3WAA N1IBM SM6CUK VE6WQ		2622 RA3ZH RZ4FO W4FQT
2684 G4OWT W5CIA WN6W	2668 JA7MOL				2621 JH6QFJ JK1KSB JM1FHL W4WM
2682 IK8YTA	2667 JR2UBS K0KVR		2642 OE5FIN		2620 AA5AU

AJ3K JA9FAI	OH9MDV W1KSZ WB5JID	2600 IT9XTP W7WM WX0V	JQ6RUP JR1GJP K1LD RW0CF	N7XR VE3MWX WB8ZRL	2566 AA6AA JA2VMU JG3LGD NC9T
2619 JA2ATE N6ED ND0N	2610 JA1VSL K1USA K6YUI NF9V	2599 CT1EAV	2588 IK2OVC N2TN	2576 IK5PWQ JF6WTY XE1KK	2565 DL5XJ HK4SAN IK5RUN JA9NFO N4QQ WO2T
2618 9K2OD DF2GH K7BV* W2QO WA0MHJ	2609 WD8JJA	2598 JM1XCW K5WK N1RR	2587 DK8MCT EI9JF JA7MA JH4GJR	2575 JK1GOK N3KK	
2617 DF9KF JH0BQX K4JJW K4WS K5LJ S52OT	2608 E73Y JA2EPW VK3QI	2597 DL6CNG JA2TBS JA7BWT JI1DHY	2586 N8OC	2573 AA5AT JH3AIU SP8FNA	2564 ER3DX I1JQJ JM1CYJ VE3CFK W5BPT
2616 G3ZQH	2607 KE8UN KU0A	2596 JA1IOA K8IU	2585 OM4EX	2572 HB9CZR K4EM SK0TM WS9V	2563 9K2HN UA6EX
2615 IZ3GOG K6SIK KG9N PA1CW SP5IWA	2606 RN3OG	2595 HB9CEX JA3APU NX0I W3GQ W7BEM	2584 K4ZO	2571 DL5EBE N8PW	2562 PY2NQ W5VY WA3AFS
2614 DL1DA JA1WSX N8LJ	2605 9A4W IK5MDF JA4ITW PY2KP W8TWA	2594 IT9PKO JA1GRM JA5FBZ	2582 CT1FPQ G3NDC JR4DSM	2570 CT3MD JA1CLW K6EID N5AO RA1QY W6PJ	2561 EA1EAU G3KWK IK0AGU JA1NWD W1YIF W9OL
2613 KK9DX SV5DKL	2604 DK9KX HL2WA JA1GHH W3OA	2593 DL3OH K1RO W6RW	2581 JE2EHP K8YTO W9YSX	2569 F3SG NN4SS RU6L	2560 K1ZN K3JT KQ8M W0VX
2612 DL1DUO JG4AKL K4TT N5GH RL3FA	2603 K4XI W8KEN	2592 JK1OPL	2580 BA4RF DK2GZ	2568 KI0KB RD3AW YO2RR	2559 JA9AGN
2611 K2LS K5VIP KM4H	2602 DL2KQ JA7JI KD0Q KG8P	2591 IK0HFO N4RWG	2579 I8JIT JA2FGL UA0SR W9FR	2567 JA3RQ PY5CC SV2BFN W3RJW	2558 DL9MRF JA1QOA SM6BGG W2XI WB9EEE

2557 DK3WW JA8EJO K0BJ S55DX	2546 KD0PO SP6TRX W7MO	KM4HI LA2PA WA6YEE	W4CK	R9SA SV3FUP	RU6M W6BJH
2556 DL1KUR IZ5JMZ PA5TT	2545 EA3BT JR9OPJ UY5BC	2534 DL2CHN HL3GOB IV3GOW SM4AZQ	2525 I8SAT JG8FWH K2PK UA9FGR	2513 9A2X JA1FQI JE1PNX K9MBQ WT8V	2506 DL1SMA JA2HYD JI4WAO K5FUV N6RW RA1AOB W5ODD W7YAQ WD5K
2555 CT3HF JA1WPX JR7FRW K8ROX OZ1HX SP6EQZ	2544 IZ5EKV LA9VFA LU8EKC	2533 JA4DEN JH4HMG R9AB	2524 JA1RTX JH1EEB OH1XT XE2CQ	2512 IK8EPC JA5SUD JR2PMT N6RV RV9CX UA0CA UT7UU	2505 DF2TT JH7IAJ K2TE K7EG LA2QM OH2OT W1VT
2554 IT9DAA JA9CWJ W3BW	2542 W7LR	2531 JA1ELY UA6YW	2522 K1HT K6RO VK3HJ WO2N	2511 EV1R JA0AOO KR4F W2GG W6TC	2504 EU1KY IK7XLU JH1QDB LU2NI
2553 W1YW	2541 JF1KKV W3DRY W4VIC	2530 AA4SC K5WAF KD3CQ ON6AA W7AL	2520 N4HB RA4CA	2510 DK5AI JR1DUP K7SP LY1G N3RC N4PY VK3GA	2503 DJ3AA EA5CRC RN8W SP8HKT SV1QN SV2DGH W1ZT
2552 OE8HIK	2540 EI9FBB JN7DOS KE4YD	2529 IW0HQE K8QM RA3WDK UA1OMS	2519 N4GN OH1NX RG5A RZ6BS		2502 DS5USH G4IUF JA8JTH JH1OAI K9SM KT8X RV1CC W5ZG
2551 LA5YJ SP3SLA	2539 RA3S		2517 W1OX	2509 DK1WB I2EOW JR1BLX NQ7R US3LR	
2549 DL5CF IK8GYS PC3T SK7AX W6QUV	2538 JM2RUV SV1LK	2528 K9JF KB1EFS N9ISN W6ENZ W8RLS	2516 CT1CJJ YV5NWG		
2548 EA1AF IW2FND OH2ZZ RC9F SP1JRF WA2BCK	2537 AD6W JA2XCR JF2WGN JH0INE UW8SM WO7R WW3S	2527 IZ4GWE JA1ALT JA6BJV KA8SYV	2515 K2NV K3NK VA3LX W0LS WB8ZRV	2508 HB9CXZ JF1KMC K7GEX K8FH OE8SPW OH6JD	
2547 JA0DET K6EME YV5JBI	2536 K0RS	2526 IK2OHG JA1LSP N6VR	2514 AE5E G3TTJ R9OK	2507 HB9RYZ I0JBL	2501 EA3CJ G0EHO JA1TMG JH1OBS
	2535 EA1CP				

K8OM OH2IS W4WT W6JRY	2492 JA1FGB JA6TMU WQ3X	2475 OZ2PBS WA1S	2461 W4SO	2448 9K2GR JA1GHR JA1JAT K3VAT K7GM WA6F	2435 K9ZM N3CZ
2500 4Z1UF 5B4AHJ DL1HRN EA5BRE IK5CBE IT9CVO IZ7FLP IZ8IEV K2UR K4MS K5VWW K8RRT KI5BLU N1EN N4EFS N4QV N9BX RA3SS SQ1X VE3RA W3UA W7FN WA4LOX WD4LBR	2489 G3OAG JA1IXY N9RD	2474 PY2VA	2460 JA8BNP W8LGJ	2447 JA4BXL	2434 CT1DKS HB9BUN JE8TGI N5KO N9CK SM5CZK W9DC WA9CVK
	2487 EA1RT	2473 DF3IS LB2TB	2459 K2AZ	2446 OH1ZK OK1DWC OZ1LCG W0AWL	2433 JA9GPG
	2486 S52RZ W1AIM	2472 DL1TRK SM5GMZ SP7TF SV1IW	2458 JA1ADN JF3LOP N0KV		
	2485 SP6A ZL3JT	2471 JA1HRQ	2457 IV3VBM N5KM	2444 NA5DX	2431 JE8CLT N7BT
	2483 K3XA K8BL LU3CQ N1LN	2469 G4BUE	2456 JG1WSC N5JB W8DX	2443 G4DJX KS0DX	2430 A65BR AF4HX GM3YOR HB9FMN KJ6P KT1J W7ZJ WL7E
	2482 JA7AUM WB2REM	2468 DL8ZAW N6DX OZ8SW	2455 K9NR N5MOA N6PF W1OPD	2442 DL4CW	
2499 W1LW	2481 IZ5RVG JA2AH JH1SJN JR6LLN VU2NKS	2467 W0GJ	2454 KA2D LA9VDA N2JJ W2OO	2441 W5IF W8MJ	
2498 K4JAF		2466 CT3FT ON5UE S57AT SV9COL		2440 EA5AT K5PS SM5CLE W5PF	2429 JH7BKN
2497 JA7LMZ RZ3FW S51U	2480 LA0FA	2465 N4LR	2453 JA8KSF SV1GYG	2439 F3AT SP3PLD	2427 JH3GCN LX2A
2496 K4MK	2479 K3FRK LA3BO W4RFZ	2464 IK2VUC JA1VLK OH8LXT UN9L W6SZN	2452 F5LVL	2438 DL9TJ KQ4AV	2426 EA3GHZ K1KA N4GG
2494 K2FU W9XT	2477 JJ1SKG SV1VS	2463 K6KO WD9DZV	2451 UA0BA	2437 ON4CAS W9OA	2425 DJ9RR HB9AZZ HL4CJG JA2FBC JE2HCJ ZS6WB
2493 NW7E W1BR WS6X	2476 9A4WY DL6JZ	2462 W6TMD	2450 IK0LNN IK4AUY JF1IRW	2436 W9OO	2424 HB9IQB

W2OIB	2412 I5OYY WA0I	2401 DJ8ES HA7UW N2NS	2390 JA1TAA K4RG K9RS W4MAY	2377 K1NTR K2TWI ZS2DL	PY2MC W3FOX W9JA
2423 DL2VPO KB1JZU W1EBI	2410 4X6ZK I0YQV IK4MSV IZ4DPV JA0EIY KJ0M	2400 IZ2FOS KM3T OH1JP W8WEJ	2389 JA1BPA	2376 HB9AAQ IK0HBN NE3F	2364 AA8LL IW1QN K8YC LU4FPZ
2422 IZ4MJP			2388 G3VPW JA0VSH	2375 ZL4TT	2363 EA6EE N8BJQ RA5BM VE3VHB
2421 AA8OY	2409 HA5AO W7MEM	2399 HP2AT N5UL	2387 K9YC	2374 IU0HDC KA7T RN3RQ	2362 IZ8DBJ JA7QFU JE2RDO NA5Q
2420 CT1APN DF5AU DJ5JH JA7EPO VE6LB WD0DAN	2407 JH6PFY UR5FEO ZL1BYZ	2398 AA3B AA7G DJ4GJ DL2FAG K2SX W2GW	2386 JF1RYU K4YMQ PA7RA W1EQ	2373 K7ZD OH3NHF W2LE	2361 CT3KN
2419 IK2EGL JA1FNO KF7PG	2406 K1LT K1UU N6HC W2AY WA0RVK YO2CMI	2397 F5PBM IZ5BAM JA1DOF	2385 DL8LE LA8HGA W2NO	2372 K0TPP	2360 N6MZ N8SNM
2418 KM3V		2396 HB9ICC JH1BNC KJ9C N7TY PA3CSR	2384 I2YDX K7HP K8YSE KQ3F W8UV	2371 GM0AXY K8UT XE2X	2359 F6ECI OZ1IKY W4DC YL2KF
2417 JA6BEE N6TA	2405 IV3KFB JH4ADK K6PJ NE9U OE2BZL OH4UI	2395 WB7B	2383 RK3QY	2370 DL2UH IK6QOP N9UA OE2GEN	2358 AA8R WF4U
2416 IV3HYD OE6VIE RA3DNC SV1ACK	2404 JA4FHE K1CA K5KV KS3F PY2DS SV9AHZ	2394 K4TEA	2382 HB9BAT	2368 JP1IOF	2356 JA3BXF K1KO N1GC N6QQ US0YA
2415 JR5JAQ WQ5W		2393 HA5VZ JR4LNG	2381 JL2JVX	2367 HB9DHG HS1NGR JA2CEJ	2355 9K2NO JA8FHM N6UK NA9RB SM3LGO
2414 I4ENO J11NJC KG6I	2403 JG3SKK R0FA	2392 N2WB N6PSE PA7TWO W4HG	2380 K1ESE ON4ATW W4UCK YB1UUN	2366 4Z5AV BA4DW DL9FCY K9FD*	
2413 CT1BWU K9FN KA8ZPE	2402 JK1TCV N9JV W8MET	2391 JE1DXC	2378 F5IL	2365 EA3NP	

2354 K0XB KD9HL	SM7IUN SP9WZS	2332 7K1PTT K6UM	2323 4L1MA JH4BTI K0CS	2311 K8ME KE6FV PP1CZ R3ST SM5CRV WC5M	N4RF W2WG
2353 9K2GS	2341 SM2GCQ VE3EK	2331 AC0A IK6OIN K0QC K1IT KG9Z	2321 JA4ZA		2301 JH0MXV JP1NWZ W5JAY
2351 WB8K	2340 DK7YY W0RX		2320 I8QJU W9BEA	2310 JA5BGA JF1LMB	2300 JA8NFV K0LUZ OE5BWN W7HPW W9HBH
2350 DL3OI IK2SGB N7DC W9EWZ	2339 JF2WXS JR3UIC N5ZC SM3DMP	2330 9A1AD IK2RPE K3TN	2319 K7MTR UA3ECJ W5FI	2309 HB9BOI HB9BXE HL2IFR	
2349 SV8CKM VE3YF	2338 FG5FR JE1AEX JH1CHU K8AJS OK1FED SP6JIU	2328 K1LI N2DPF W3IP WA1SXX	2318 KK1W S55SL W8CZN	2308 IK7FPV IT9RYJ JA7ZP K4CMS N4TJ ZL2IFB	2299 I5CRL
2348 DJ5JK DL8SCG K5KPE K7UA	2337 JA2BQX JH1LPP K0GD VE3CRG W8JRK	2327 AB5A HK1MW LB6KC N2LM S52TJ SM5ARL W6RS WF2S	2317 K2XF		2298 HL3DE JA3BSL JO4CFV
2347 IZ3ETU JF2ICB PY2IQ			2316 EA1JO JH1IED K0GY W5GZ	2307 DL6UAA IK8VRH K8DV N0RB XE1MEX	2297 LB5WB W3YY
2346 G3NKC JA9AA	2336 EW4M K0VXU K4XR W5GAI	2326 K4PB	2315 N5BO	2306 BA4MY	2296 IZ4AIK SV1FJP
2345 K7LJ SM4CTI WA2NPD	2335 DF7EE DL5XAT JR8AMF	2325 BH4QYX JA2IYJ JH8SLS K9GA WA4JQS	2314 AI2N JA6OXT K1ZZI VU2CPL WB8CQV	2305 JK1UNZ K8CW NE8P VU2PTT W7AH	2295 EW1BA
2344 EA1AUS JA7PL RZ3DJ	2334 HB9BYQ JA1SKE W0GG W2YE	2324 IK1SOW JA2FSM JL1XMN JR9LKE N0RN N3UA PZ5RA VE6AX	2313 JA4HAW JA4VLK JA7BVH JA9GLW K5DHY	2304 JA8UIV OK5TK	2294 N6HY PY2RO RU3ZX
2343 IZ8EDJ JA3EOP JA8DKJ W0TT	2333 HA0HW OH1NDA W0HBH		2312 JA2KNW JA6CBG	2303 HL2CFY	2293 KA2MGE N2WLG
2342 IK8JVG				2302 I2VGW JA7CVL JG4BLW	2292 JA3XNH RZ3DW W5VQ
					2291 JH1RGG SP3XR

2290 IV3XNF JA3FHL W6UC W7CA	K4WNW N9RC NK0S OZ5HP W5WT	2268 K3SEW K9OW	2257 IK2SND JH4FEB K4NNX K8NKQ	2247 K4HMB	JA0PE K2FW N1EVK
2289 AB5EB N9AW	2277 DL1WM IK1PMR	2267 9A5N IZ1GLT WS7L YO9FNP	2256 JA9IFF KA4RRU	2246 PY7RP W8UN	2235 IK6BSN JH1IAQ K5JZ NF4A
2288 K0VSH	2276 JA4FCV RU1AB RU3SD VE1JBC	2266 JH1APK OH6NIO	2255 EA7SG HC1BI JH1BAM JN3SAC	2244 BA7IO VO1HP	2234 JA2JRG KX2A
2287 K5JC PA0ZH	2275 AA1AC LA4PM	2265 IK0DWN WS5W	2254 KE9L S57XX W9PZT	2243 JR3REX K8NK W3MR	2233 SM7NDX
2286 JA1BOQ JG3FEA JH3FHQ OH1NPW	2274 W1SRD	2264 K7TM N4MHQ UR3EO W1OW W5ZPA	2253 JH1DGQ W1YRC WT4Q	2242 JA3KGF JE2UFF NY2NY	2232 9M6YBG W8ZF
2284 HK3X JA1PTJ OE2KHM	2273 HI3T K0AZ K8BN N7NG	2263 JK1BSM ZS1A	2252 OZ1LWT RN9N	2241 JR1WCT NA2M* NF1G OH1TX UA1ACG	2231 DL4DZL JF2VAX K3EA NT5V OM2DX R9SG W8IQ
2283 JA4FM JJ1BMB	2272 EA3AKY KE1F N4XP	2262 HI8R OK1DH	2251 N4TV W5ZO WA4CEM	2240 9A2TN K4MM K6SRZ WV4TN	2230 JH3FUK K2SY K9MIE KJ6NZ KR2Q PA0JSE
2282 AA5JF AB0X IZ8GGF	2271 K9RR W0SZ W8LRO WA3F	2261 F9XL IZ8EEL JR6IKD S51NM	2250 DL1SP EA8BYR IZ2DLV JE2JMV JH1XUM OH5LLR		
2281 I1NVU		2260 G3UHU W5PJR W8IW	2249 AB5C JH1VUO N2VW W2/CT1GIF WP4EJH	2239 JA0DWY W4ABW	2229 K2TK N4JT N8MR SM3CBR W5DNT ZL4AS
2280 JA3NHL K6YRA W8OP	2270 EA3XP IZ8FDH JG1OGM KG2KJ N4JQQ UA4AZ	2259 UA6FJ UT3UZ W3RW		2238 JA1CMD K5FZ	
2279 KA1ERL LA6UL LA9GX W5SL	2269 JH0GHZ W9FI	2258 DF2NS I0OSI K6DT	2248 JF0CSK N5DD	2237 F5BOY I5MPN K2EQ	2228 JE1GWO JG5RVQ
2278 JH2IEE				2236 AB0CT	2227 JJ2WOC

2226 K7BTW VE7BV	2216 SV1HEP	2207 I5KG JJ1TKN SM5ENX	2198 JA1OVD JA3LDH LA6OP W0QQ	N8NN	K1GE
2225 IW1FGY XE1RBV	2215 LA9FFA RA4FEA SM7CQY SM7GIB SV2BOH W9DX	2206 4O3A K1EFI OE3HWC PA3ABH	2197 AC9EM SM5CBM	2188 N4ZH RD3A	2177 EA4EER N3EN NW6S
2224 AB1OC CU3EQ KD6UO KL0S W3XY	2214 JA1DM* K4FJ OZ4VW RN1ON SM5SWA	2205 DL2HYH JA0UH JA8FFM JH1UBK	2196 JA2VHO W2FV	2187 IK4IYC JR1MLU RW4CY W8BBQ W8MHW WE1P	2176 DJ2SL DS3HWS JA3OOK K4ZIN W5DAW
2223 K1NY SM3PZG	2213 JA0LFV JA8EOT K1YR N4QWF	2204 HA5PT K6ZZ	2195 DF2NU EW1KP IK8BQE JK1AJX K2CBI LY3W W1SSN W6AEA W8KA	2186 ZS2EZ	2175 JA4DHN W2CG WW2DX
2222 IK8UHA IW0HOU JK3GHE UN3GX	2211 E21EIC N4HID UX5UO W0YVA W8KL	2203 G0VXE IK2ANI JA0GCI JA1KPH W8GNM	2194 CT1DOF K5PI N2WKS WB3JFS Z31RQ	2185 JA8ZO PY1KN YO3CD	2174 K5TT N7WS W2OR
2221 HL3AMO JA2DXD K9OT	2210 JA0EKI JR1NHD KT8Y NF1O W2TB	2202 I5MXX JA8JO UA0FO UR8UQ WA8MCD	2193 K2RD	2183 4X6KA JA3UCO JJ0DRC NE6I PA1H	2173 G0DBE K2AU LU5FF OE2SCM
2220 AB4SF EA3EQT EA9IE JH4DYP K9DR OZ7FOC	2209 DL1SVI K1NJ UN7ECA W4BUW W6RFL	2201 G3TQZ JH1ACA K6MI N6PE RM3DA RU0SN	2192 N3BNA	2182 JA0CGJ JH1SOD	2172 4F2KWT G3KMQ HI3Y KK0M
2219 DJ5EJ K4VIG KH2L NW4V	2208 DM5BB DS5ACV IK3SWB KI4DLS W9JJB WA1FCN	2200 CT1AGS K0DD W2YR W9YE WE9V	2191 EA8TH HB9EFK IK2DZN JJ6DGP	2181 IV3TMM W6SL	2171 UT3UY
2218 EU1U JH4CBM W6DR		2190 N4SC W3ABT	2189 AI6Z IK1ADH JA8CJY N4AL	2180 4Z5LX IV3TDM JA8BAR RW3QM UN7FW W5RQ	2170 JH1VHU N7UN SV3AQR
2217 N9SF W0HT		2199 WB8B		2179 DK0UB IV3YIB JF1RPZ WA1PMA	2169 JA3MF SP1DSZ
				2178 AA4FL	2168 F5UJK G8AJM HL2EIZ UT4EK

2167 DL1NKS IK6HRB JA2KVB N6PM	2157 K0KG W6CYX	K5GH	2139 JF0JYR K2BLA K2SN K8BZ	K0DEW W6YOO	W1WC W6RKC
2166 LA2XPA W2RQ	2156 JA6GPR JH2PWY N5PHT TA1CM	2147 JH8SIT K3SX N3QE	2138 JF4EQJ KV1J	2129 HB9G JH1BSJ N2AJ WB6EWM XE1H	2119 JA7XBG JA8LRG W2KA WB3LHD WI8R
2165 HL2KV I0MWI JJ1LBJ N4PJ N5ET S54A	2155 WA5LFD	2146 9A5TW EA5RD EA8MT W7YA	2137 K1SM NZ3O	2128 KE9I RW4PU UN6P	2118 JR6SVM OM5FM R3QW VE3UZ
2164 NY9H S55ZZ	2154 SP3V	2145 DF5WA EC1A JH0NEC N6KZ RQ3A RU6FZ	2136 G3IFB IW3GJF IZ7AUH JN1NBU K7LV N1IX	2127 HB9AAL K7ACZ W9VNE	2117 ER5DX G0FUV OM8FR W0CP
2163 UA1AIR	2153 EA3GHQ JE2VLG JH0RVY JR7GBL K2BA OH2BF S50R W4JS	2144 DK2OY G3UAS LU6ETB N4UOZ W4IS	2135 JA7BEW KR6C N5TJ OE7FMH	2126 IK7YZG	2116 F6DBX JA3QOS K3OX KF2DT SM7HCW W5WTX WB2GAI
2162 RZ0AF S59ZZ W7AV YL2TW	2152 UA3O W6IGK	2143 JA1CZI JA3VPA JF3SUL JH2SON K4NA W9RC	2134 JE1VTZ WB5TUF	2125 HB9JOE JH3SIF K2AX	2115 DL3KZA EA1KY
2161 JH1WJR	2151 N7IP SP1MWK	2142 CT3DL JE8LWZ K4JC K8KWT	2133 AJ4A JH2XQY RA3LO W7HR	2124 7M2PDT CU3AA JA0LXP OZ5NJ W4GIW	2114 IZ5NFD JH1DGJ KA2NDX SM7BHH W4SK
2160 HS0ZEE I5REA IK1CJO IK4HPU JF3PNQ K1PL	2150 K4KAY KU4XO N4UFO SM5FWW W3FI YB0COU	2141 DL2AYK DL9RCF N1RK N6IE	2132 JA1MZL JR1UFN K7UT W3TN	2123 KZ8Y VK3BDX	2113 JA1OVF KB9DAK
2159 DH2PC N1RJ VK3NX	2149 IZ0NRG JA5NPV JG4NNS K0GW RW9QA	2140 CT4GO IW0GBU JS6TWW	2131 K1RV N2SQW RN3CT W7QDM	2122 K1ZE KX4TT LA5SJA	2112 AE0P DK9HN UN2E
2158 K4RO SM4OLL YO3FRI	2148 CT1GPQ DL7UPN K4YYL		2130 EA8AXT IK0OPS	2121 A65CA IK2ILH KD4S W8JV	2111 JA4FJL

JH0MHR K2HAT K3PP SM4DDS W6KK	2102 AG1A CT1FUH DM2RM KS4S OH3NDH W3BG	SV1FJF	N7DED OH7TV SV1CQN YO3ND	2072 JA8OW R9SC SM4BZH W0JM	2062 AA9LC DH0GSU K9SG N6PEQ W2YK
2110 9A9CW F2NH HB9CRV JA1WWO JA8XQI NA5Z RA1OD	2101 EA6AJ JH7DFZ K1DC K7KB K8KS KM6HB WA3OFR	2093 VE3ZZ	2081 NA4EA PY2GG	2071 KF6HI N0ABA PA0INA W3GG	2061 AA4NC GW4BKG W1AO
2109 CT1BWW EA3EQS HB9MEJ JA2QXP	2100 DS4AOW N4IQ VE3NI	2091 EB3CW G4XRV W1TO W2ZI W4RDX	2080 JH1ORA KC6X N0AH W5LE W5QM	2070 AA4M KK2M ND5S	2060 CS8ABF JF1LZQ K6IPM PA0TCA
2108 JA1AML JA1EMQ JA3WLN JA7HRM KW4V ND4X W9MJ	2099 EA8RR N4JR	2090 F6HLC W5RF	2079 JA1GVM JR1IZM K8AV KN4KL N1IW PA0GMM VE3JV	2069 KJ7M N3VA	2059 DL6LIM JL3LSF N0IJ WD8PKF
2107 EA3DW G4DJJ IK0UTM K3PU K9AU	2098 EI8IU KI1U KO8SCA N8HRZ	2089 IK0XEZ SM0MPV	2078 N3KN N8EHW YO2DFA	2068 KK4OK N4NW R3LA	2058 IK2PZC JA1FJJ W0FK W1ZK
2106 JE3GUG VE2BR	2097 IZ5MOQ	2088 WA2USA	2077 JL1CNY XE1J*	2067 JA1NCZ JH8GEU NK4L	2057 PY2FN W0TM W8LMG
2105 DS5TOS SV1MO	2096 F5NBX HA1DAE JA1QWT JA1XPQ K5DC KB2FCV W2JLK W5WP	2087 JA1CJO JF2DND KF0LA R3CR	2076 OZ0J	2066 DL4LAM E70T	2056 KU5B RN3D
2104 7M4AOE DM5GG JA3KNN	2095 IK1IYU K1UI KE4UW ON4RU	2086 WQ6Q	2075 JA8DSO KI4GE RA3FH	2065 AF5CC G3LUW JL1ARF K4ST	2055 JA1DDZ JA1UII JH6EJG PY2WC
2103 JK1ODA WA9YYY	2094 IK2CHZ	2085 DL5XL PA3GCV UR5WCW	2074 DL8PG IU8FRE	2064 DL3BRE EA3NY JH9DRL N4OA W8FIB WV9L YB2DX	2054 K5CD OH3OJ
		2084 K9JU	2073 DJ0MCH K9RT ND4V PY2GM RX3APM	2063 JA0KJD	2053 EA3HRE JA8IUB K4YJ
		2083 JA1JPM JL1OEC UR5ECW			
		2082 JM1GHT			

WC2K	2043 JH1EDD JH6WDG K2UFM K6MKF K9TF NA9A W4ZYT	2036 BG2QMO NU1O WA3I	YB1TJ	J16IHG K1BZ K1JIU SM5BMB W1ITU	K2BB RA3BL VA7RY VE3SKX W3BJ WB3D
2052 K5TA NH6T/W4 OM7CA RA3TT UN7G		2035 AA4VV JA7KE KE8KMX KM1C W5THT WB0O	2027 F5OVQ IU8FRF JP1TRJ NI3P W6DE	2018 K0EOO ON7TK SA0AQT W3ICM	2009 9A4SS AA0MZ IT9ODQ JA0RCK JH1FSB R3DG SP5APW TI5CDA
2051 JA2MNB KJ7TEA LA7XK WV6E	2042 IK5BOH/2 K1RI KA6BIM LZ2ZG NE0U US1CT	2034 AA3LX K3VN NA2AA	2026 9A5F JA1PCM K1TZQ N3ND RT5A XE2D	2016 K4KGG NP4G RU9UC VA7CRZ W1OP	2008 DG7RO K4EA KF9UG LZ2XF N4QWZ
2050 AC9S JM1HJG K4JLD W8JH WB8FSV WC3W	2041 AB4UF IK0OER IT9GSF JN3TRK SP6AXW SV9GPV W4GE	2033 JH7CUO V51B WD8ANZ	2025 EA5OX JH6DUL JL2KEQ NO4J S52D	2015 DK3GG IU0LFQ K9MMS RK7T YB1AR	2007 DK3UA KV1E N6OJ VA3MO
2048 I5JFG JL1OXH K8NS NT2A SP5ES	2040 K1DJ K2RU LA7WCA N7QT W8MK	2032 HB9DOT IK2RZP IK5PWN JA1AFR JH7IMX KI6CG LZ2HN W7NN W7VY	2024 HB9FMT N1JP RT0F WC6DX	2014 EA8DIB IZ1DFG K2AT N7TT W5DM	2006 DM3AZ JA3EJG KB4MRX
2047 IZ0BVU JL2PQV JP7EIP K2AJY K9OR	2039 DK9CG UN3G VE3KI W7IB	2031 K5NZ W7IV	2023 JR1EYB KB6CIO	2013 G0MTN JT1BV N7ZO RA3QUA SQ7NSN	2005 DK5RL HA5BSW JH1NYN NA9Q PY2DV SM6CKU WA6JA
2046 AB4I EC1AIJ F5INJ	2038 HB9KNY JH3GFA K9WX WA5IPS	2030 JH2VVH N3JT N6PAT UA6AUA	2022 JA0KJE JA8EJZ K3BR OR7K SV2HXX UA3FF		
2045 K1FEV RK2FWA W2PP	2037 DK2CC JA3MHA K2EK W7IU WE4S ZS1J	2029 N4IG	2021 JH4RUF K6BV M0CSD	2012 JE0VJV VE3MV	
2044 K3STX UN7JID W7SX		2028 DJ0UT F5VHQ JA4QAD KD2T SM5AOG	2020 KK9H	2011 4Z5SG K3WWT NS4P	2004 DM1TT EA1DLU RA3ANL SP3QYQ
			2019 GW3SFC JA2MOG	2010 HL4GAV JA1NRH JM1SZY	2003 F1RAF GU0SUP

IU8HEP	NG7M	1988	JA1IAZ	1966	N2RJ
KE3D	R5QA	AH0U	JE2PCY	I8OCA	NY3C
KH6M	RC2A	JA4IXI			
UA4PCM	RD4A	OM3IM	1978	1965	1956
WB4YDL	SQ5NRY		IZ8EJB	JA3HBC	AA6RR
YO7NE	VK4CAG	1987	N1QY	KA1J	JF6XQJ
	VK5GR	DK3WG		KB9VF	SP5MXZ
2002	W0IZ	JH1OGT	1976	KD5QHV	SV8BHN
HB9DVZ	W3ACO	TZ4AM	DL5OCE	N6NO	WA1YTW
HK4L	W3BNN	WC4H	JJ2RCJ	N7WO	
JA6IVR	W4KA		KY6R	N9PGG	1955
JF2OZH	W5VX	1986			K3FM
K5FNQ	W8LKG	F1ICS	1975	1964	SP6EIY
KD8RQE	W8QZA/QRP	HB9DQV	JA1DOT	DJ7ZG	W1CSM
N4CQ	W9ZCL	K1ACL	JO1LVZ	EI3IO	
NJ3K	WV8DX	KZ5DX	K5QX	N9ZI	1954
OH1HB	YB2TX	N1UK			DM2TO
SV3FUO		SV1FKZ	1974	1963	IS0AFM
VE4EAR	1999	W0SR	DF1ZN	I8DVJ	K8VC
	IK0CHU		GM4FDM	JA1BNW	
2001	LA9OI	1985	K8FC	JG3RWX	1953
BH4IGO		HB9CIC	SV8DOU	W6AER	K2BX
DL6OCM	1998	K6MM		W9SN	K4WZ
G3SBP	AC4TO	N4HN	1973	WB8ART	N3KV
JE4NAN	K6NR		DL2NOM		N9KW
K6KZM	KN6KI	1984	G4FKA	1962	W0PSY
N9TF	RX4HW	6K5YIA	JA4XH	CU3AN	W9IL
N9XX	W4RBO	DJ9WH	WS1L	HA5CW	
NU1B		JE1HRC			1952
OE3KLU	1997	J11CQA	1972	1961	K3NQ
VR2XMT	AF2C	JR7MAZ	DL3JPN	DK1WU	W2NK
YO4DW	GI4DOH	N2FF		EA7QW	
	JA1QXC		1971	K5RJ	1951
2000	NA2U	1983	DF9PG	K9ALP	IZ0BTV
AD8RL	W2NRA	DF2PI			
CT2FEY			1970	1960	1950
DK8MM	1994	1982	JI1WLL	JA1CFZ	JA2FCZ
DL2RUM	PA3GRM	DL1RWN			K4OY
DL2SWN		JA0CIU	1969	1959	N1ZZ
FG4NO	1993	JA1SGU	IZ5NSH	JR6CSY	N5UW
I1WXY	K5SM	WA6SCW		K9JN	WA4DOU
IK8GJR			1968	SM0DSF	
IW3SSA	1992	1981	G4NXG	SM5CAK	1949
IW7DOL	W5GA	G4XEE	JR1VAY		JA1XRA
JH0AWC		WA0ROI	K6TAR	1958	W4DAO
JH0NOS	1991		OZ4AAL	K5ZQ	
JH1ERJ	HA5GN	1980	PY5IP	KE8UM	1948
JQ1TIV	K2QPN	G3LDI		N0ODK	N4TOL
K1RH	NV4B	IZ4DIW	1967	N5TW	YV5OIE
K8YYY	SV2DCD		AA9RR	SP6AEG	
KS4YT		1979	JA4HWX		1947
KV4T	1990	AA9GR	JH1MFN	1957	DL6XK
LA1K	N6MB	I8LWL	JM1TWR	IT9RTA	DS5DNO

N4ENE	1934 DK4TP JL3MCM NA6L	HB9TOC JA0NZR W1NA	K4WM	IU2ANW JA4KDT JQ1ALQ OE5TXF	1892 AB2E CT2IUK K8QKY N3OC N6AX
1946 EI2HY JH0OXS K5WBM	1933 CU3AK JA8AZN JH8UQJ KK4OW W8FN WN6K	1923 IZ1JMN	1911 JH1RFM K5TN UT7KF	1901 F5JSD JP1HDK	1891 K6XN LA9TY WW5G
1945 DJ8NT		1922 DL4RCK HB9AWS K5OA LY3UM	1910 K4MY NC4RB	1900 DL4FAP I4JEE JA7BSD JH7WQX K1JD N6ZN PT7ZT W1AW W5KI	1890 N7ELL W2CDO W8QID
1944 DM2FX NE8Z	1932 K9GWH	1921 JA2KSP	1909 EA1KP K3NF K9SE W7WZ		1889 IK3ITX N2ZZ
1943 W8TE WB2BIN	1931 JF1IXE JH7VTE WA9GON	1920 JJ2KDZ K9AW	1908 JE6HGL K5YCM KD4W KL7HBK SP5TT		1888 IV3ARJ MM0BQN W4YCH
1942 CU3EJ JA4EVN UA4SKW W2CVW	1930 IK8CNT	1919 JA3MVI NR9J W0FS	1907 DL4NBE DL5MHQ	1899 KW4MM	1887 DF6TC K9DT KM3J YO3JF
1941 ND8L ON4ANN W5LO	1929 I1YDT JA1OND JA7FWR JG6NGS RL3AA	1917 7J1ADJ DJ3AS HL5BMX N4PYI	1906 HB9IIO IK7WPC JA1HOM KI4WCQ KQ4EE N3KS OE1SZW	1898 DL8OH UN1L	1886 JF1WLK ND3L WB2WPM
1940 DL7UVO K4WES KZ1W N3NR N9YB WD8NVN	1928 K6MW N5WA N6RK W5KK	1916 AD5MN EA2AFV IV3AZZ W8HMK		1897 G3XLF JR0QFA K4XU N2ZA NJ7G	1885 DK6OR
1939 AC6DX JH8NB N2NW SM0BYD UA9CGL	1927 EW1P JE1OHL K2TER N6NU S58J	1915 W2WC	1905 JA6JEW SM1TDE	1896 JA2EWE JA4CZM W9VG WB5AAA YO2KHK	1884 HB9FBG IZ8EEI KZ9DX
1938 KE1VT NA2P	1926 IK2DUW JM1VRW RD3BD UA3FX W3SB	1914 VR2CH W5GO	1904 DF2UA DL1DAW K8EAB YO4AUL	1895 KF7F W5JMW	1883 IW0BYL W2PA
1937 K4MF		1913 DL9IU IV3IXN KU8X N9JR	1903 NQ3A	1894 JA0AXV W4HZ	1882 DL6KO EA5RU NU4Y
1935 N1KC	1925 DM2HK	1912 DL2RTL JA2ITK	1902 AK5Q IK6GRT	1893 K4JKB	

1881 JG3WCZ JP1LRT	WY1G	WO9S	1852 W0QC	VA7ZT W8OM	JF7ELG
1880 AA4DD JA0EVI VE7TK WB2KSK WX0B	1871 JH7QLR K4EU NU4E	1862 DJ5IO JA1GUC K2CIB W1KDA WC4X WD4OIN	1851 JA1UTZ JA7GYP N6GP WA4QMQ	1841 W0DD WB2AQC	1831 AB4GE DL5NO K5OT KM4NS SM3PHM VK3FM
1879 DL3LBM RD9M	1870 DF1KG N6QI SM5FQQ	1861 JK1VXE N1AC	1850 I0LYO IT9AAI JA2KTP JA7JPZ N3XM	1840 DK5JI EI6IZ JA7FAS K2MP N8AYY W0KCJ W5UE	1830 DL8FBD JJ1QUV K0OK
1878 K5AB K5KG K9UQN RA4WE	1869 JA0MRW JH0EQN RU1AO W4PNY WK7E	1860 DL5KUA SP7ICE	1849 IZ8MBW ZS6NJ	1839 DJ8OG JI3BFC	1829 KD1F
1877 VE3YV WV2I	1868 SV1OZ UA1ORK	1859 IK5FKE JR3XUH N7GR	1848 PA3BWD W1WLW WA3PTF	1838 DJ1TO EI7CC	1828 AG7N JA1QIW OZ1HPS
1876 AA4AK WO2X	1867 JH8KFE RA4P RO1B	1858 EU1M I4JBJ K4MV N5QS NL7S SP3F	1847 AJ8MH KE1R VE1OP W3TI WB4QOC	1837 CX2CC DF8FT EI2JD LY9Y SP3AU	1827 HB9DDM JG1SWM N1IA UA9FFV
1875 IZ8AJU K0LB W3US	1866 EA5B HB9MFM K1JB K9CS RA0BA RT3M	1857 AA4U JM1LPN PA0JNH	1846 JA2XW	1836 G3YQA K0SD	1826 K4AV YO3DDZ
1874 DF3EC JA7VEI K6IPV LB2HG RK9UN W1SLF WB6JJJ	1865 AC9O AK5X JG1HVC K3PT N4GU SK3BG SP6IEQ W4DEE	1856 AA6PW JA4SSM	1845 HB9DQL WY6N	1835 AA4LR IT9BLB JA6HQT K7GS NA6MG W0ZD W8NGA	1825 N5FF W1LE
1873 AG5W WA4VA	1864 JR0PJR MU0FAL WQ5R	1855 JT1CO K5CWR	1844 K5IB N2KI N7UVH N8SHZ W6WF	1834 N6MXU	1824 DL1HBT DL7APK IK0EFR JE7ETY JJ1KZZ
1872 AC4VM I0GOD JG1DUZ K4JWA SM6CLU	1863 JA1PAH	1854 5B4XF W1EG WA5POK	1843 JI3CJP KK4CB N1MD	1833 LU8ADX W8CD	1823 EA4DEI F6KOP JA7QVK K0MD NI5F SQ9OH
		1853 N7MQ W2RIJ	1842 NE9Z	1832 JA1XEL	

1822 HL2VA HL2ZN WB0TVY	1813 JI1LAT VK6LC WB4VAM WC7Q	KV4AA SP8LBK	1794 I2YWR PA0VLY	W3UM	1775 BA4TB I8YAV KW9U N3MK WA2UBK
1821 K3GT YV5LI	1812 AF2D JA2OLJ K3MSB VU2DCC W7CD	1803 VE6KC	1793 G4ZOY G7VJR JA1PPW	1784 EA5DFV I2TZK JJ2ONH LA8AW W3MF	1773 AJ7G JH1XEF K4WY K8KI OZ7DN PY2SEX
1820 DL1TS HB9DVO JA3EY K1XV K2IXQ K8ZM W1DYJ	1811 HB9IJC IZ3BJK JH1FVE N8NA OH2RI	1802 K2MK KE5PO W2DXE WK8A	1792 DL3EA JE2EBT JH4RLY JR6GIM	1783 IZ0CBB K4SX R9MJ WB8BZK	1772 4X1SK K9PG N4TD UW2ZO WA0SXV WB4GLI
1819 JA7MAD K5UZ W1UK WB0N	1810 DL1DWT NM5Z NU7J W3ML	1800 K3GGN KL7TC VE3YXO	1790 IZ0GYP SV8RX W9CSX XE1FAS	1782 DG5LAC I4JED JJ1PFC SM0XBI	1771 K3SV N7BD WC0W ZL3RJ
1818 7K1CPT JR7XOD K0THN K3AJ YO9BXE	1809 NX8Y	1799 DL8TV JE1IBI JJ1CZR W9MO	1789 IK2ZJN	1781 DL1FKA IZ0CKJ JP7FSO W6TK	1770 EA4DL SM5YOC WY0V
1817 N1API WA4BIM	1808 JH5HDA JH9AUB N3RW W0MU WB2NPY YL2CA	1798 DL7KL EA3ELW K1IFJ KC5LK S59DKR	1788 JA3HBF K0ARS KD8F KE0A KT2C LA1U	1780 EA2AAZ IV3KCB JH1FNU N2GZ S50B W6OD	1769 KE4KY SE2T WC7N XE1VIC
1816 4X1VE G3WW OK4YL S52FW	1807 JA9ESZ	1797 K1DW N8PCN	1787 K1OT KM7R ON8GT	1779 JA6GIJ K5AV	1768 K7LAZ NE1F WA7BNG
1815 IW0BCF W1PX W3KB	1806 JR6IQI KN4PPD PA0MBD	1796 JA1VRU JF3DRI	1786 AA7XT G4AFJ N2CG	1778 JG1LBN JH1ILX JR3QHQ	1767 K0QQ VE3VC
1814 4X4MF AH2O EA8DOX IK1UGX W1EL	1805 CT1BXX W6BK WX2U	1795 JR1DQK K5ZD KA9OKH SV3ICK W6DX WC4B	1785 JH8PDC JL1BYZ K6UFO K7NK K9QFR R5DU	1777 EA5AR JA7DYJ	1766 LZ1MS N2KX SP5ELW

TF3DC	1756 G4FAL JK7LXU K5CR NE9R YL3DQ	NN4Q/QRP	1738 F5RQQ LU4FW N0STL	KC2SST WX6V	1721 AA6NP DM3ZF EA2J W0PR
1765 K7XC SP5LKJ UR4QFP		1746 SM2DMU		1729 DK4PE I7PXV JA2PTQ LA2GH XE1L	1720 IZ6CST KK0DX N4XYZ
1764 DS5RNM HB9ZS UR4IOR UW7UA	1755 G3YBO G7SSE K5TR	1745 IW7DVM JA3AVO SM5ELV	1737 DL9EO JM1ESG K1DX		
1763 IK4THK W9ZJ	1754 VK2CA W8RV	1744 IZ1JLG JI2KUJ K8SL NA6O RX6DX	1736 JA4GXS N7MB	1728 JH2AQI PB2A	1719 AE4CW G0BBB W6SFK WA2MBP
1762 JH2AJY K4GO K6ZP KF2T N9MR* S53MJ SP5JXK	1753 LA4YGA RD8X	1743 K0HD WA5NFC WB5NHL	1735 GW4TSG JA5DBE K7FL RN9CM RU6K W3FJ	1727 AG4Q IK7YTT IZ0MYH JA1KXT JE4CIL K4AR KR8T N7HN NA6JD	1718 AA8SW K6CF ND3F NX2X WA6TLA
1761 HB9BOU NA4MM SM5BS	1752 AL7R BV1EK JF2HPA W3NS	1742 DL7JRD K5ALQ N5PG	1734 5B4ALJ JE0ART JE2KSM ZL1HD		1717 HB9HBZ K8ZZU SP7CVW SV1GRE
	1751 KR0P LA5XGA	1741 JA6AVT KW4CQ N0UN	1733 JQ2QHQ K2CYE	1726 DL9GTB IK3DVY K4VNY N9IO	1716 9A1CKH DK1EI IW9HII K5VR K7WE N3RD NO9E W4MA
1760 DK0EE HB9TMW JR1EFG	1750 AL7TC HA2NA N9AOL W4CCS W8NN	1740 CT2GLO DK5QK DL8SDC N1KDO N5EPA VK7CW W3HKK	1732 EU4A IK6EIW JA5JUG KA1DJ N4DWK	1725 N6EE V31MA W6FL ZS2Y	
1759 W0VHF	1749 7L1CYC JA3UNA K2JL N1NU N6BM OZ1ACB	1739 AD6ZJ CT1IZW EA3WL JH8OCV K1ZJA K4EB K6RG OE1ALW UN1O	1731 DL5CL JA9NUN JL1GYZ KR4W N2RR W6WA W9GXR WA9JWL	1724 F5JY JA3CSZ YO3AIS	1715 KK5OQ N1CGP OZ8X
1758 K4QE KE4S KF2TI SM5GLC				1723 AA4UC DL9OBY JA8EIA VU2IBI	1714 JR3VMJ K8JE LB7ZG N4PL N7KO
1757 JE3GNN JH4JLV JI2FBG JS1NDM SV1NJW	1748 DF7AP DL2TOS RM6B W3ZQI		1730 JE3EDJ JR7HAN K5TIA	1722 IK2GPQ KG8CW M0IKW N1WQ	
	1747 JA1ETN				

1713 HA7LW IZ5FSA JA1PBV ZS6UT	1704 KF4ZZ N7FU W3UL W7FP	IZ5YHD JM1JZN N0YY N4AOE RA0R W9GG WW8W	1688 AA0ZP K5MT	WF1H YO3FGO	WB4KTF
1712 K8SIA OM2RA	1703 KO6KD N4FN NA2X W9ROG	1695 JA1FUI JH3HGH KF4VTT LX1DA	1687 EC6AAE JA7NLW N2LQ N3TR R6FFB W6GRV	1680 W1MR	1671 AC0X W7QHE
1711 HB9CQL W1KMA WA0WWW	1702 JA0JPD JG3HBO JK1SQI KM9E WA9BZW	1694 4X6GP K0FLY K4KEW UA1ANA	1686 AG3V F6DAM JO4JDU K6LRN LZ2HM NA4M	1679 JA4IYL K9SO N7VPN	1670 F6DHI JP1GUW K0PC N4BAF
1710 JE1HPM JG3KCX KG4CUY KS0M W4GP	1701 CT3CD JH2HHJ NO0B	1693 EI9FVB K3MD R1QA W2GS	1685 4Z5IW K0VM K3XO VK6OZ W1OG	1678 9K2BM	1669 LZ3CB WA5NOM
1709 JA7BME W8BLA WB6CJT	1700 HB9VAB JA0ED KE5TD N9DR NY1V VR2MY WB2RAJ	1692 CT1ELF JA3KZV K0KP K8OD N4WE W0AD W1UE W4LIA	1684 EW4C JA2HNP N9LJX W8UQ	1677 DJ3XG EA7BJ OH1WR	1668 7K3QPL DL7UIO HA5LQ HB9BNQ JF3LGC JL6USD K2DC NE3H VA7KO W5HD W8NJR W9KVR WA1ZIC
1708 IT9ZZO JA1SHE JH1SBE N3PS N8VV W5UHQ	1699 JH1IZR WA6G	1691 JK1WSH KE5FXE N6KK NS3L	1683 VE7SZ W1JA W4JVN WA2UUK	1676 JE1PHH K2RR PA9M PY6HD VE1VOX	
1707 AB2RF AF4Z K9RE SM5CSS	1698 HL4CCM K5PC KF7NN W8SAX	1690 DJ6NI G4FTC W6RFF	1682 JA9RBZ K4MIJ W0MS WR2K	1675 IV3AVQ K3SF VE1SK	1667 4X6UU AE5B EC5A K1VI K9GS KU2C W9RXJ
1706 AC6HY IK4DKO JA4MMO OZ3SM UT6UA W9BP	1697 9A1R AC5AA AD5WB K9QJ KK9T WA4MIT	1689 JA6ENL K1AJ K9ARZ W4GMY	1681 JA1JYE JJ0NSL K9MUF OK1DX RL3AW W4UEF WB6L	1674 JA1BNL KB1W KF1C KL7TS ON6YH VU2LBW W1JQ WP3R XE1R	1666 EA4UV F5CT JA1TD JA7OVC K7AWB OH2LHE W7IUO WI7P
1705 K7GQ K8AO VU2CDP	1696 HB0WR			1673 EA7DUD JR2PZX NU4I WA6POZ WT3Q	1665 JR4CZM KC8RP
				1672 K3LR K4WW W1FA	

N5PA SM2EJE UA0SC WA4MME	N2CQ UY2IZ W0KEU	JA5QAH OE1PMU YV5KTM	JR0AMD	N4NR S51MA WF4G	N8WRL UA9CNX W5SJ
1664 AD3C IK1MEG IQ2VA WE2N	1655 GW4MVA JA1HSF NF3R UA3AKI W0BBI W0JMP WB4DNL WF8R	1646 HL1AV IZ5EBL JO3WHB N0AMI YO3VU	1638 JA1NLX JF1AGB KR4BD LU1FAM N9TK YE9BJM	1631 K3DFL K6UNE K7CMR NY4I PT7DX SM5BNK SP5UAF	1623 IK2QEI W1OK W7CP
1663 HB9ERU IK0XIH JG1BKX J11MNT KX8G N0OK WA6EZV	1654 JE7RJS RN3OA SM4CTT	1645 DL1USB GM0VRP IK4HLO K2QB R7HF R9JX VE3MM W9MR	1637 DK3BK JA9RT JH2BNL KK9M KW1DX NA3F XE1YD YO8CRU	1630 JR1CAD K7HC W5BK W6KGP	1622 KF4NEF NW7M
1662 DL6UNF JR0EQQ N8NB	1653 K8ZT/QRP KD3HN PT7YV	1644 EA4DB EA5HM JL1WQO JR7ILA KG5UZ W0BM WA3FRP	1636 NZ5O RN6AJ	1629 KW3W OT1A	1621 K2SD W6CUA
1661 K7FEL RL2A TF4M	1652 GM3WIL K3WI KC6JAM KU4BP N4FY N4ZR VA2IG	1643 HB9HIT K4FX	1635 AA4A JA1DCK N7GCO YP3A	1628 N4MEC N8GP NW4M SV1BYI VE1RGB W8PI	1620 9A6ST I7LGM KC9FFV SM5OJH VE1JF W7YW
1660 AD4AA JA1XUY K0SRL LA4WJ ZP5YW	1651 JA1FVE K7GA	1642 DL1EK OH1TSM W1HEO	1634 CT1BOY F4FLF F6GCP JA7MYQ JL3DGI JM1JIV N7RD US8UA	1627 EA4EPY G4NBS N8AGU VE4YH VE6SH W0ZS W2RA WA4NUF	1619 DL5AVJ JH7IQQ ND7J W0SD
1659 AA6RE AJ8B	1650 CT1AHU KK8MM	1641 DJ7JC JA4HXF K3WGR	1633 K1FT KI6X RA6AAW RW9SG VE3IQ W7JW	1626 DL6GBM W4AG	1618 AD4Z KF4MH UA0FDX W8WVM YO9CEB
1658 DL2JIM I2EAY VE1JS VR2KW	1649 N2ZN W0JW WD8KND	1640 K6XM KE6V N4XMX	1632 AA3TH KN7Y KT4AC N1LID	1625 RV4LC W3OOU	1617 JG3KLF K0CF KM8AM WB2HJV
1657 SM6AOU	1648 JA6BZA K9EXY N5MT	1639 I5XFD JH2GZY JQ1YIW			1616 HK1X HK4EI I5FLN IT9IPQ JJ2VLY K1LEC LA7EIA W6OUL
1656 DK3QM F5BEG	1647 DL4UCS			1624 JR1WYW K5HK K8YE	

1615 JI1HNC K3GW K4OCE VU2MSA	OZ1RE R3IS W5ZE	1598 CT1ELC IV3FFI IZ0ADG KB5UNX KI8L N4XX W7TUS	W5VU	K4WFM KJ5PQ N5EE N6DHZ	K7LFY UR4CWQ
1614 IK7HDY K1EO LX1CW OK2ZA UA4PK W5WLA	1607 N9AKR ON6NR SM3DXC WB1EAZ WB6BFG		1590 JR3TOE K4KL SM5HJZ W8MIL WB7QXU	1582 F4GVO LU2BA N0KK NZ6E W4UFO Z32ZM	1574 AB0RX N9CO NM9P PT2ADM RU3A W7/DL1UF WD5BJT YV4DYJ
1613 IW5AB JA2ODB K5EWJ W7LGG	1606 HB9GWJ IK8YFU K3KY W7VS	1597 I8MTQ K3IE K6EGF W3OU W5RYA XE2MX	1589 AA3AZ EA4D F6FYD IZ4AIB KE9U KZ7N NK7Z	1581 JR4VMS K2WJ KJ9X XE2YWH	1573 DL2HRT EA5ZR JF2JRD WA3GNW
1612 DH3KM JE1CTA KM2E SV2CLJ YL2TD	1605 LA3PK SP5GQ V51YJ WF5E	1596 AF4CD CT1ESO DK8IZ N8DUY N9JCS YO9FQT	1588 DL7UGO ER0FEO FM5CD KE3X N3ZOM	1580 F5LIW OE6CLD	1572 7L2QAD G4AYU JM3GXU
1611 IV3TMV JN1NOP K4CGY K6LPO W2UDT	1604 JJ1JMZ K5QR N4MI NU1T W6ZQ WB5STU	1595 DK5HZ NU2Q	1587 JG1OWV KF2OG RO7T	1579 K2ZD NA1DX W9BS	1571 DK3PZ G1VDP G4DYC HL5FBT JJ3FRB KX7DX N5VR
1610 JA1GVT JR1JGA LA2IR NW7US W2GFF	1603 D2UY NP3CW W5NUT WT2P	1594 E74A JJ6WZS KD0AA SK0QO	1586 IZ8EKL K4GK SV8LMQ W7TSQ	1578 JH1AQN K4QD K7LY ZS1DX	1570 JR3ADB K1KI W9HP
1609 JA1CCO JH1XFR ON6KE WJ2R	1602 K3VAR VR2XYL WB4CW	1593 HB9AAA JA3EEM W1ASB WB8IZM	1585 JF3SFU JR0RBY KE4SCY KN4JX KW4J N9DD W5SUM	1577 JA4ICR JA7MNF JL1ELQ JM2QWQ K8DE W6HDG WS9W YV5AM	1569 CT1HHP DL5CT JH2KMK K6BZS RL3BZ UA1TAN
1608 AA4FU EA5K I0KDF JA2CUS JF1MTV	1601 KY9KYO SP4K	1592 DL5RDI KU2A VE7CV VR2XLN	1584 I1PLX KS4V N6WT W0PE	1576 EA1T JE2DJC K7CU W5WI	1568 DL6DQW JA0CVC WA2BOT YO3GOD
	1600 JR5VHU K4AB KB2XJ W4QK W6BCQ WA1EHK	1591 F4WDL JA8ECS JF1WQC JK1JAS UT5URW	1583 JH3KAI	1575 DD3KF JA1NQU	

1567 IS0MVE IU8IYE	W3IZ	NE0DX RA9SC WN7J WQ7B ZL3TE	1545 EA4DUT I2DMI JL3OUW K8DP N4SV	KF9AF N5ID PY2RN VE2BWL	1532 HK3CW K8ROK OK1FMX UT2AB
1566 E77S N1KX VK8DR	1558 KI4TZ N6VS N8IL	1551 IK1ZOF JA0NPQ JA6GXP KD4POJ RD9U	1544 7L4VYK IZ6ERS JA2ACI KC4HW KS4XQ N6NR W7FI W7JET	1538 CU7AA JA4RED PY8WW	1531 SM0HEV VE7XT WS4C
1565 JF1OSL JH7HIQ KE1B KM7DX W0FG YB2TS	1557 7M4CLF DL6NDW OE3JAG VK3KE W1JGS W8BI YV5KAJ	1550 G8BCG JA8RRF N6EM W9LN WA4USA	1543 J68HZ K4IE N5CQ RZ6DX SM5ACQ UA6J VE6BMX	1537 AD5MD JH1RVQ KE7W N7TR RZ3EM VE3OTL W4OV W6DCK WW1V	1530 5T5PA I0NUM JA1DFK K7CMZ W3WST W7BEB WA8LRW
1564 IK4TVP N6RFM W4KK	1556 JA6GMC N7TM R3DL RA3M WJ3A WW0E	1549 AC6BW DL3NSM IK0TUM IK7AGT K1CBK K5AC K8LO PY4AZ W9WO WA9DU	1542 DL2RPN JD1AMA MW0CBC N1EK W2GB	1536 DL5ZB EA5GHD IK4FNF K4MQM N3ZP N7JP W5FPT	1529 EA1P I1CMA JA9IWR JL3JRY S59SV VA7DX W1HS W5RZ
1563 IV3BSF W2DEN W4AEJ W4NBS W9QO	1555 IK0ZIO KA6A KK7YC VK3TC W4DTA	1548 JG2CNZ KD4SN NM1G SP7QHR W5MO	1541 IK2RGT IK4YCQ JA1XPH JG1ULT K4SAF W4NE	1535 AA5N IZ0FUW JE1GGI K0IS UR5WIF W4UDH WA8A	1528 DS3EXX SP9TPZ ZL3AL
1562 IK5QPS YB0NFL	1554 AA6K DL4MM KE9S W5IP	1547 CE3BT IW2ETR JH2AYB K6QU N7OJ WA3GFM	1540 IW7EBE K8LY KM4HQE N5OHL OZ1BXG	1534 DF2WF DJ2VO K2OP SV1XV VA2LM W6JZ	1527 N3AO R7LP WX0Z
1561 E73W IN3EQZ JF3GFH JL1VAL K9CJM N6VNI W8JA	1553 HL3ERJ I8KHC JA9APM JP1SRG JR1AIB KE4BKL SV2BXA SV3KH W4CSW W7BQ	1546 JA0FLL JE1LPZ JK1MZT OZ2RH PP7LL	1539 HL4CBX HL4XM K6ME KC4HN		1526 DS2BGV G4DXW JH1CML K8JJC UA9AGX
1560 K0NV K5RKS KG6D ND1Y UA1CKC	1552 JA1MLY JH8JYV M0VAA			1533 9A0W JH2KXN K2CS KI7AO	1525 AC2G CT7AUK EW2DZ KE8G NU4B
1559 JG1LFR JH0AHI ON4ACG					

UT3UX W8VI	1519 F4DSE K4TXJ K7DSE ND4DX UY2UZ W8AKS WA8CDU WB4SON YO9BLY	1513 AB1J AG1I DL6DCD JA7BAL K8EB KA5V N9CDX R7IA UA3DK VE4EA VE7UF WA7HQD WQ1H	W1MJB W4REX YU3MAY	JJ2NWI K6JJ K9LCR KB5HC KN7K N2PK NN2D YB4IR	OK8DD R5AK UT2VC VA7QI W4HY W9PDS WA0JZK WJ0T WO5I WW7Q WY7FD YB1RUS YB4CHP YL2BR
1524 DJ7WG DL5KUT DM5JBN EA2AA JE4FNC K0IL K6FM LY3BY N9LEO NV4A W3KHZ W8WM WR7Q	1518 HK6K IK1DFH J11VVB JK1UVP K4HQK	1512 EI8GS HB9FBM JH6WMJ NV1Q RA9LT UW2XW VE7VF W1ZS W5FL W6GJB W6ZO W7VAS WA2MCR	1508 DL0WW IK4DCX NN6K WV4V YL2EC	1501 AA5TA HB9AGO HL2DBP JJ1DJW JR1SLU K2SHA K7PT K7STO KB1YNT KC9K KJ4YLO KU1T NK5B NR2C ON5GQ R0QA R2DO UA1OM W5DXQ WB9PNU WF7T YB0MWM YB1TQL	1499 K5LY KF6A N7ZA SM5APS VE6TL
1523 EA3ESZ HA5KFV JJ1OKK	1517 JE3MDQ JG1JPE K1FE K3HW K4PKM W0ANZ	1511 AD4ES DK8UH JA5JGY N1PM N7JB UU7JM	1506 CE3FZ DL1MEV I2YPY K5DV K9AQ N6DNU N9AZZ WR2G	1505 JH3PAS NC2Y WK9U ZS1C	1498 K4AU KA2CYN ON4LG W1GF
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1521 JA1UWB JE3FOR M0HIH SM6VR WA5UA	1514 IW8CGX K0PX KJ4R M0TTB	1510 DM3PYA N2YBB OZ9XU PY2OP TF3JB WN9O	1503 IK0PCJ JQ1EST K8MN SQ7FPH UT7EC WB0OQV YB0DJ		1496 E73M IK6ZDC JA8FKO JH1LAH SM2OTU
1520 4X1UF/M DL2CC G4RGK GU4YOX KN9P KY5I N6WIN SP3EPG WA3WZR		1509 JQ1PCX KB8GAE KG5VK LA2DS R3BM UA9MC	1502 DL6WT		1495 JR1LZK ON7DR
					1494 G4AFU KI4TWA N4KM
					1493 IK5ZUK JA3CMD M0URX

1492 IZ0COK JA2QVP JE3PCP K5NOF WW8RT	HP3TA K1ROA	1477 HB9HVG K0BRO W0IKD ZL2CC	KF0RQ WS1F YO3IPR	JG1LRE KI4R TF3VS VA3HP WB3BFC	N3WD WA4TII
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1490 JA6HUG JE1NVD VE3QAA W4PG W5SWV	1483 4X1RU JA3WMS JE2VFX RU3UN S57UX W0OGH	1475 G0SYP JI1UHZ LX2SM	1468 DC8TS DL2MIH DL6RA N9LQ W1FC W6FEL WD6T	1460 K4RW N6VH	1451 JA2XLV K4IA KU9S OV5O
1489 F9CI JR2BJE K1EDG N6YEU N8OQ W1LY	1482 DL3IAC I0GKP NG0G	1474 AA5TL IW4CIL W2GDJ WB2CLL	1467 K8LN KB2ZPB W8SP	1459 HA5UK IK0WMJ K8JRK KI6MQX S50U	1450 AD0K DJ5DT EA8TK JA2BUR K2QMF K5OVC KI2D KT8D W4TUN
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1487 LA8WG N3AIU N5UE N6IG W4PGC	1480 AA1M AA5SH K0XN K8ZH PY2CP VE3TKI W4UW ZL3PAH	1472 CT1BOH IK3GBG JH1APZ LU2DSL N6AWD N9LF VA3OKG W4WG YO3GJC	1465 AB9M K5YU K7VC N4UFP YB2MM	1457 IK5EKB PY3VB	1448 NR0T
1486 AJ4F DF7FC JA6NEJ N8XI W7HU Y	1479 EI1DG JA7QQQ JJ1KXB VA3AYA VE3UTT W0YK WA3SKQ YL2CZ	1471 4X4JU EI4BZ	1464 W5LUA	1456 LU2AH PB9FN W1EBM W5MF W5RDW	1447 AF3X JA1PVX K9KDS KC2STA KO4PRE WA3GM WM4AA
1485 DF9HI DL8DWL DM9EE	1478 A71AM K2CYS K7QBO	1470 AK7O IZ8DUD JA4MEM JH6RTO K8GT	1463 IW0AFS N5XE WB0ULX	1455 AK6A ES1FB JA2JID JH1XXB K2KIB N9MB UT5IP	1446 DS4NPL IU0ICA JA1BON JA8ANQ KH6U N9HF YO9IKW
			1462 AL7LO DJ1OJ F4BDG JA7DPC	1454 AE4M JA1UPT	
				1453 DL1QQ G0THF JH8FIH KD2SC	

1445 EA1PP KJ4UZU NJ5N	XE1EE	1430 KB8DRK	1422 3A2MW DH4JQ I4ACO KB4CL W9SE	W4AXL	K6XJ LB5GI N1WON N8HO NF7D WN7S
1444 HL1VAU JA0BOV JK1DDG JR4ABB K1KNJ N3AE W4QG W5FK W6SIY	1438 DF1IR JA3IWB K1TKL RZ1OK	1429 AA4ZK EA7AN JJ1LID OZ2ABI TA1L W4HGW W4WJ	1421 CT1ETE CT1IW DJ4KW HB9DQD JA3AYU K0IO N0TK	1413 JA5XPD LU3VA N6XT RX3BP WA2VQV WB5ZAM WC2L	1404 AB6CF DD0VE HK3J JH8KIY KB7AK RN3QO
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1442 EA1AZ K3VPZ K4NC KO4PY KP4N NN6L SP7UWL WA8RCK WT1L	1436 K7JH KK4CLY KT4O NY4G	1427 JF2SKV JK1NIU W9UM WC1M	1419 A92AA JH6WHN JR6DM LA9PJA N7KDT N7UJJ W6SHY	1411 AI9U K8WHA KB1DMX	1402 5Q2J HL5YI I2KBD JA0HWF UA0SE
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	1432 K4NTO NN5E PS8ACL WX3P	1423 K7CTV N3FG N4NQ W5AP	1415 DF5DH VK2AAH WD4IKI	1407 JA4FKO K3ATO KB0V S59DJK	
	1431 K5OO K8MVZ W4AO		1414 JH5RXS	1406 I0EKY N4VN N5TF W6DPD	
				1405 F5IYJ JN4FNZ	

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1398 K0SQ	1390 DM3CW JL1BDI K4TR N8II	1382 E73D HB9ESS NR4M W0RXL W5AAJ	1374 AA2DT DJ9SO K5TU NI7F W0MS* W9VQ WQ5T	1366 HB9BEM JA2KQE K5DCW K8GWU PY2HH	1361 KM4A KM4VJW N0LD N8TFD OH6OK TA6N
1397 HB9BMY JR2PAU N4QM N9BVA SV2JU WI4T	1389 DL6KWU I5YDO K5LC ON4CCN	1381 AE0MO DK3TL JA2LWD KK4XL	1373 K1TWF KO6LU N7WI W2PS W4TNX	1365 G3KAF HA5OLA HB9ODP N2FY OE7FMJ ZL1ANH	1360 JA6FEG J11QIO RU3UR
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1395 JG2TSL JH3HTD JI8XLD K2DH VA3IC W5EC W7KW	1387 JF1KML WA0PFZ	1379 I5GKS JA6HOZ JA8EKU K6UXO N0IW N5HC	1371 EI5KO JH8LEY K3JWI K4JPD K6JW N2DXJ SM2LKW WB8EJN	1358 JH2NWP WX5L	1357 IK6RFQ JA1VRY K4RM K5CQT W9ZT
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1348 AA7UN AK3E JA1ITJ		1335 DM1HR I1SOP NC4MM SV1CIB WY4I	1329 K1APJ KE4WI NG9J W0GN W6HGF	1322 DL6KVA G6NHU IT9CMU IZ4VSD JA1BWA JA9FO JG1BOK J11QZQ K2OO W4DVG W5JE	1315 K2OGD K4JUJ N2BT VA3CW WB7VNY
1347 GW0ANA JR7COH K3BZ K7CO K8VD	1341 CU2AF JS2GFA R9HBF W4UT	1334 JH1OVY J11EIX K7RR SM7DXQ W5TFW W5WS	1328 F5NTV KE4KMG KJ5Y SP3CMA W1NR	1321 DJ5EY HK3CQ K4LQ K4NST	1314 AC0W G4IDL VK5CE W2FCR

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1312 AD0TR N0ACH N4GBK NC7B NS7K W4PV	1305 AA6PI K0TV N8OCN SP3FYX WD0EVR	1298 CT3BD N2SG N9OF UA3GT YB1AYO	1290 BG8PA DJ2UU EI3ISB K9JP UA1CGS VR2VAZ WB2UFF	1282 A71EM EA1K JL1IHE K5GZR K9MX WW4LL	1276 DL4HRM F5TMJ I2LXA JF1MUI NY6C NZ0O WB8RFB
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	1257 4Z5FL IK5SRF	1250 AA6XV	1243 F4GTB IK2LOL	1237 EU4T IZ2USP KC4PX	1230 DJ4DN

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1229 EA1AHA JA1IFD K3PH K4MQ LA7QI N0FCD N7TK W3JXP WA3IIA	1222 EA7/LA9DL W5RY YO8PS	1214 EA4EJP JA0BES JL1JVT K6VVA K7HV N5RZ VE3GYL WB9IWN	1208 KD4EE KN4OK		1195 JA7FSB K6UIP KE2M LA8PDA LU5OM UN8GA W2ZQ
1228 IK1ZNM JA3BLN KB8KIM OH1XFE UR7CQ W2KNG W7YED	1221 HB9TWU JA1QVR JA3AOP KF8HR OE7FWJ PR7AB	1213 AA5H G0OSK JH4GNE JH8JWF J11BJB N9FH S57TA SM7WVZ VE4GV W4NK	1207 DJ3CQ JJ1REU JL1MWI K1QN NS4F	1200 AB5GU DD0VU GM4KHE K2GW ND0C/QRP ON6MX	1194 JF3VEC K2RKJ N6VI N8DC R2ARR R5AA W9KB
1227 JA9EEH KF5WCP OH2ID WA0BZA	1220 HA3OU KJ9B OH2TA WA1HEW ZL3NB	1212 AA2IL DJ0AH F5VML JO1QNO UU2JQ W0MAN W1UU	1206 ES2IPA K7SO KL2R W4UR W5SV	1199 EI9E JA0TEA KF3N N2ZL N3RR N9XG WE2K	1193 DL9SAD EA5FCW IK5IFH K7QA OH2BC WB3AVD
1226 DL3BUE EA7AZH HA5FA HB9DLE K1PT PJ4LS	1219 CU3HN KQ9J WA4TMJ	1211 I4FTU IZ3KNK K3XC OH3KAV WX0Y	1205 CT1END GM7NZI	1198 IW0AGX JI1FXS KA5VFU PU2POP	1192 AJ4HW DJ0IF IW1CAB JF2QNM KI0KN NC6K VK3EUZ
1225 AI0Y AK4PR	1218 AD6DK JE6AVT K4VZ SM3OMO	1210 G0FWX JA4ONP JL4BSE LA1CO N6XG	1204 G3CWW JA0GZZ JR4PMX N6DW OH7LZB SP6MAA ZS6RJ	1197 DS4DBF HB9ACC K4GM K4OP KB7QFE N4TZ NW6V RU0A	1191 DL8OK LU9DO NZ3M OZ9GA W0SA W7VP
1224 AB4FH JH4ADF K0KV NX4D OK1UU	1217 EA5IAG VK7ZE W0VD YB0EIN	1209 DF7GG	1203 JF7DZA JH8DBJ KA7CVJ N4WMB ON4AGX SP1NEN	1196 DL1ECG EW3CW GM5YTT JA6WIF JE2RBK JK1BIB W3ATV W4CIR	1190 DD1JN EA6BB HL2FDW IV3BBR K8ESQ W1BYH

YT7T	VE3VGI	1177	1171	JT1CS	JA3VUI
1189	W7LEA	JH1EIG	6K5AQY	K0HB	JH1BUO
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AF3K	WA9MAG	KI0HA	DG5DBT	TF2LL	JJ1IRS
G4YCS	WI9WI	WO5D	JA1DIO	W4DFU	K1YT
K8TS	YO9FLD	1176	KA3S	1164	K6SY
1188	1182	CT1DIZ	W4ASE	JA2CKK	W6IS
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K9XR	KI5T	IK2WSO	ZL2LW	OZ9U	1157
KO1H	N5KUC	IZ3XEF	1170	1163	A71XX
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NT9E	1181	VE7ON	KK5J	JA3EUB	F5VMN
RW5CW	HR5/F2JD	W4HVV	LZ1CY	N3PV	JA5CDL
SP3UY	K4RMM	W9LQI	N2YF	N7FF	JA7GDU
1187	K9BQL	1175	NS0Q	NI8Z	JH1BHW
G3EKJ	N5RN	CU7AJ	PA2R	VE3NJC	K6OJ
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KL7NW	SM0BSO	JH3EQP	1169	YO4NA	KS8W
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KS0JD	JA2QPY	NT5A	K2FJ	1161	AA1BS
1185	JR1KBJ	W6NK	K2HJB	AA4OC	F6BLP
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JA1EYN	K2SG	F5NNN	1168	N7GVV	K3WJV
JA9LSZ	KD9ZR	IK6CAC	IK4RQJ	UN2G	KM8V
K0XM	N5EKO	JA2AYH	IZ0GKB	W7BJN	PH7A
N5YY	N5WNG	K6AWR	NE1RD	1155	1155
N6KJ	WO3Z	N4LSJ	NT5O	K6ASK	K7JY
1184	1179	W4SKW	ZS6NK	K7JY	N2CJ
DL6ZBN	EA2RY	WE9A	1167	N2CJ	SP7ASZ
HA8FW	IU4CHE	1173	9A4BL	DM1DK	W4RS
JH8BOE	KQ5S	DJ3GW	I1FBJ	F1OBJ	WA1NLG
JR6LDE	N2TC	DJ3XD	IK2GAO	F6FFR	1154
K4JGR	UA3NFI	GM0NAI	K1RM	K0FD	I0KRP
K7YZO	UA6FZ	JA6CM	K4CSB	KB8ZUN	JH0IEW
LU2DX	W4GHW	JF1KIG	N8IK	VE2NGH	JN3ONX
1183	1178	KB9S	NA4CW	1159	K5CKS
F8AMV	4F3BZ	VE3FAC	1166	N6TV	K9UO
IS0EBO	AA9WO	VU2DED	DJ6TK	NT6AA	NC1M
K4RP	AC6T	1172	F8EZE	RA3LAL	UA9OR
LA2GCA	IK6IJF	DJ9FK	JA8WGX	S51DD	WB9WHQ
N2RD	K1IB	JA4BUA	W5CWQ	1158	1153
N8WXQ	KT5V	W1FZ	1165	DD9WG	EA1WH
	NR0Q	W2FDJ	CT7AKW	JA2AXB	IT9YOZ
	WA6QGH			JA3AAW	

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1117 AA2WC AB9YC IZ4IRO LA7NO	JM7TKK K4SBZ KN4FO N6RVI NO2C W5SG	K7IA K8CJY LA9KY PA2TMS RT0Q W0QD W3MRL	W1XK	WB0RUR	1090 AA2VG CT3FN DJ6HR DU1IVT EI6JK K3IXD K4WJ K8BB KM4GZI KX5U UN6TA
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			1064 DS5WQT ES2BL	1058 9A5MI EI4GNB JA2BL JF2RSF K0WK	1052 IC8XIL IK2QPO IK2RLS K9WMS

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KW1X	KD0BQS
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VA2KI	N4PAJ
VE3FK	N8YO
W2/F2YS	N9APK
W7GTF	N9NFT
W9MB	NA9J
WM6Q	NG4DX
WV8EDU	NT4TN
YE4FSB	OH7HM
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AI6P	UA3DUJ
AJ6X	VA3EJN
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HB9CAT	WF5I
HI3I	WI2E
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