

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 May 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 RTTY 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	3191 W1NG W3UR	3172 CT1APE	3154 JH4UYB PA3FQA S58T	OH1ND OZ1BTE
3294 HA0DU	3214 IK4WMA	3188 F6BKI GM3POI YU1FW	3171 IK1GPG	3152 G3KMA	3136 N4CC
3264 LZ2DF	3210 OH3SR	3187 K5UR	3170 WB9Z	3150 PY2XB SP3EPK	3134 CT1EKY IK4GME
3255 SP5EWY	3208 PE5T	3185 W1JR	3169 OH1XX	3149 OG2M SV8CS	3132 JR3IIR
3253 CT1EEB	3207 KJ9I N1DG	3181 W9ZR	3167 SM6CVX	3148 JA3FYC SP3E	3129 NOTB SV1FJA UT3UA
3250 JA1BK	3204 N4WW W4DR	3179 OE6IMD	3166 JA5EXW	3146 JA5AUC	3128 DF3GY
3246 DF3CB	3203 G4BWP	3178 JH4IFF	3164 N3XX	3163 SM0AJU	3127 IZ0AEG SM3EVR
3244 4X4DK UT7QF	3202 DJ6RX	3177 I4EWH JA4DND UT5UGR	3162 NN4T	3145 UR0MC	3126 VE3EJ
3235 S50A	3201 IK4MGP K8MFO	3176 W3LPL	3161 JA4LKB	3144 K4CIA	3125 EY8MM IK8HJC JF2MBF
3223 OZ1LO	3200 I4AVG	3174 K5RK SM3GSK	3158 DL4MCF	3142 DL7VEE OE3GCU	3124 JQ3DUE
3222 DJ9KG	3197 EA6SX UX0UN	3173 IK4DRY	3157 9A2AA	3141 HB9BGV K2TQC	3121 I5NPH SM6CMU
3221 JR2KDN K4PI	3193 G0JHC		3156 9A7V	3138 GM3YTS	

WD5COV	3102 S59Z	3080 9A1CCY	3058 OE1WEU SP5CJQ	3041 HA8IE OH5KW US5WE W5OZI	3029 OH2BCK W4TO
3120 JA4LXY W3YX	3101 AA7A	3079 YO5BRZ	3056 N8RR		3028 AG9S SM6CCO T77C
3119 OK3GU	3099 AA1V LY2IJ	3078 N3SL	3055 SM5KNV W2YC	3040 DJ2YA	
3118 G4CCZ IK5HHA N8DX VA3DX	3097 GM0GAV JG3QZN JH1GZE	3077 DF4PL	3054 JA1HGY	3039 HB9AMO WK3N	3025 KW9A N4CH N7NR
3117 I0WDX N2QT PA0WRS	3095 EA3A JA2VPO	3075 K4DY SP6CIK	3053 JR6EZE	3038 DL1AMQ W4PK	3024 DL5DSM F6BEE LA5IIA
3115 NJ6P	3094 SP9DWT	3074 KD5M	3051 OE6MDF	3037 F6EXV JA2WYN	3023 JR3GWZ
3114 IK6DLK	3093 W7UT	3072 OE2VEL	3050 K1CP K9CT VE1YX	3036 JG1ULJ W9RPM	3022 DL2OE OE5KE
3113 JA2JPA W4DXX	3092 SM5AQD	3071 SL0ZG	3049 N4RJ OH1LEU	3035 K0KX	3020 JA0DAI KX4R N5KD W3CC
3111 OH1MA SM5CEU SP2FAX	3091 W0BV	3068 N0XA N4BAA W8UVZ	3047 G4PWA	3034 I4LCK K2FF	
3109 SM3NRY	3090 SP7VC	3067 IK6FWJ	3046 HA5WA JH2FXK SP1S UT7UJ	3033 EI7BA JA2FBY JA5AQC N2LT UB7K	3019 JA7QVI N0AT UT9FJ
3106 ON4IQ	3087 ON4AOI	3065 SV1RK	3044 N9IW S51DI	3032 SP8NR UY5ZZ	3018 JA3EMU
3105 EA5BM IZ1ANU	3086 K3UA	3064 NR1R	3043 DK5WL JA5MHD N6AR	3031 AA6YQ G3TXF JR7VHZ K8PT N2TK	3017 K4SO R7LV SP7GAQ
3104 JE6KYA	3085 DK5PR IK4CIE	3062 K4MQG	3042 F5II JA1UQP YO9HP		3014 EA6NB K5DU UA4HBW UT5JAJ
3103 F6AOJ G3XTT	3082 YO3APJ	3061 G0DQS UX1UA		3030 IK2YCW	3013 SM6DHF
	3081 9A2EU HB9BIN KF2O VK4MA	3060 G3ZSS K4XP			

3012 JF3KON K5XI N5DG	US4EX VE2TZT	NI0G RA3CQ	K3FN K4SV N4II	2951 JA9CHI K1ZZ	2937 JL1SAM RA3DX
3011 DJ8NK SP5DIR	3000 5B4AGN DJ4AX F5UKW I5KKW JA7MSQ JH4ADV OK6DJ SP3DV	2984 MD0CCE	2964 CT4NH DJ0MDR JA2IVK K5EK W9IXX	2950 W1GL	2935 R3OK YU3AA
3010 F5NBU G4OBK JJ3PRT	2999 F6DAY	2982 JH1HGC K5KC	2949 N7RT OK1MP*	2933 9A3SM	2932 EA1DFP K1ST
3009 AA1QD KY7M	2998 K4UTE	2980 JJ2LPV N4XM	2963 JA1XEC	2947 K1UO OH3BU	2931 F2JD IK5MEN JA3PIS
3008 CT1IUA JA2JW RW2A	2996 IV3ODE W4VQ	2979 N2WK N6JV W3LL	2962 JA0EOK YV1DIG	2946 HB9BZA K9RX	2930 OH5VT
3007 SP2GJV W3DF	2995 UA4CC	2978 N2NL S53R	2961 N5ZM	2945 W7AO	2929 JF8QNF WA7NB
3006 R4GM SP3CFM UT7UW	2994 W4UM	2977 K5ESW	2960 DK2LO	2944 K4MWB W1TSP	2928 DJ4PI IK5ACO IK6GPZ JA2FJP RA7A
3005 K8SIX W1YY	2993 K9EL	2976 EA5RM	2959 EA6VQ K4IQJ UA3AKO	2943 I8IGS JA2DPC	2927 EA4KD OZ4O
3004 EA1DR IV3JVJ	2992 DL7MAE	2975 JF1PUW K5EJ	2958 JA1SYY	2942 K0SR	2926 DM5EE KV7K UA4CR
3003 9A5CY AA4V OE2LCM PY2BW	2991 DJ5FI JA2JNA	2974 KA9CFD OZ3PZ	2957 FK8CP K2UO	2941 N4JF	2925 AD5A HA5AGS N5AW S54E
3002 JA0UUA UX0FF	2990 K0IEA	2973 JA0FSB WX4G	2956 NO8D RZ3AM	2940 JA0CRI JH1TWT K5BG	2923 N9US OE5NNN
3001 G3SJX N3NT	2989 JH0INP	2972 IK4DRR JH1IFS	2955 JH2UVL W0VTT W3KX	2939 IZ8FFA	
	2988 DF2UU K1HTV N4MM VE3XN	2971 UA6A	2954 N8PR SP8AJK	2938 HB9RG K0EU OZ1AXG OZ8BZ UA3AB UR5WA W6XA	
	2986 K4QL	2969 JA6BZI	2952 IK6SNR		
		2965 DK1FW			

2922 AB3CV K1AR N8TR	2909 JA0GJJ	2893 W0MHK	2879 G3LZQ JA2NDQ JA5IU JH1RFR K9YY LA5HE SP6CZ	W4FC	2855 JR3OEH OE1ZL SP3IBS
2921 I3BUI K9ZO W5XX	2908 HA1RW JE2LUN K8FL N4HU RW5C	2892 N4NX WB4OSS		2867 JA3RAR JH4JNG JL1UXH	2854 KG4W RV3LO
2919 DL1DUL K2UU K9NU	2907 DL1EJA IW1ARB	2891 CT1FMX HK3W	2878 IV3YYK JA2ZL N4PQX RW0LT W1RM	2866 JA9APS KN4F	2853 JI2KXK
2917 9A2NO IZ1BII	2906 EA3JL OH3JR UA3TCJ W2IRT W6UB	2890 JH1ECG OK1CF R5AJ RZ1OA	2877 SM3VAC UX1AA	2865 G0OIL K9NW UA3DPM	2852 NE1B NQ1K
2916 AC4G EA3GP RU3FM	2905 PY5HOT WI8A	2889 IK0MHR JA1ADT JR4OZR K3WC W3NO	2876 SM6CTQ	2864 A45XR	2851 F4BKV
2915 LZ2JE W8AV	2904 IZ1LBG PY5EW	2888 N8JV	2875 LA7JO W9RN	2863 4Z5CX DJ5AV JI4POR N4DB	2850 JR3VXR SP3CGK W1TC
2914 OM3DX RK4FD	2903 RY9C	2887 JA6LCJ	2874 JA8EAT K4HGX K5MC K8ZTT RA4CC	2862 E72A K3WW R3AW	2849 IK7NXM JA2LCP RY7G
2913 EA5BY OE8RT ON4CD SM6CNN	2902 K4CN	2886 JO7WXN K6ND	2873 EA1YO ZS4TX	2860 IT9JNR YO7LCB	2848 N5UR VE3LYC
2912 K4HB NK1K OH1TV W1CU WB6RSE	2901 K4CN	2885 JA1ANR	2872 EA1YO ZS4TX	2859 HL3IUA JA1EOD K4ZYU	2847 N2TU
2911 CT1ILT	2900 9A2F EU7A JF4VZT W4DKS	2884 AA1ON JE8BKW R7AA	2871 JA9LJS	2858 K1DG SM6DHU	2846 IK1YED JA9FPI KF0QR R7DX
2910 K3UL K4XO	2897 OZ1CTK	2883 EA7TV SM5CZQ WP4U	2870 EA1YO ZS4TX		2845 R9FM WA4FFW
	2896 KG7H	2882 JA7JWF	2869 JA2BDR JA2XYO JN7FAH LA7HJA SP6HEQ	2857 JA4FKX UA6MF	2844 JA1SJV UA4LY
	2895 N4QS	2881 I1EIS N5TY*	2868 AB4IQ IZ5DKJ LA4GHA N8BM*	2856 JF2UPM OH2BLD W1ECT	2843 W8GC

2842 PY5EG SM4EMO	UA3AP	SV1AVD	2806 G3SNN JS2LHI K1OA W9XY	2793 AG4W RA3DA	W6SR
2841 DF6PB JF1WPB K3WA	2829 DJ9HX N5OK	2818 I6FLD W6OAT	2805 5B4MF F6HDH HA9PP	2792 JH3CUL SM0CCM UT2UB	2778 JA6CRP NN4X
2840 DK2NG SV1CNS	2828 IK2QPR K5KLA OK2ZU	2817 JH1NYM RU6B S52F SP9JZU	2804 DL5WW VA5DX W9AJ	2790 4Z5MU W0UO	2777 DK5AD JE1FQV W0YG WE9R
2839 K2VV LA7AFA	2827 9A2JK W7DO	2816 IK0FVC IK5DNF	2803 EA3WD JA5XAE	2789 HB9DHK I1FQH IK4HLU VE3DZ	2776 JA6VQA K8GG
2838 NY0V W1DIG	2826 AA4HP JR2LJO ON4GG SM2OAN WA2VYA	2815 9H1SP EA6ET RL9F SV1DPI WA5VGI	2802 IK0XBX KA9FOX MM0EAX UR5EDX	2788 F5PAC N5ORT	2775 9A2NA JA7KY
2837 DL6ATM G4IRN VE1DX VE3FF W5TCX W9OP	2825 K5XX SP1MGM	2814 KC7V	2800 IK0FUX RU3QR	2787 KN5O VE3BW W5XC W9MU	2774 JH3VNC
2836 W8OI	2824 AB6QM EA1N IK1WGX JA4MRL JE2URF RZ3DX W2SM	2813 9A8A	2799 W2LO	2784 K5AQ W7KNT	2772 IZ8VYU
2835 UA1OIZ	2823 AI9L JR1XIS	2812 9A4T K7ZV UW5ZM	2798 SP7HOV SV1JG	2783 N5FG	2771 K2CL PA3C RU3DX UA3AGW UR5MID W1FJ
2834 JA8DNV R7NW SM3NXS VE3EXY	2821 AA5AM IU7QBB JO1WKO N4AH SP6DNZ UA0ZC	2811 JA9RRH JE2LPC	2797 IK0PEA JA1DUH	2782 JA2VQF SM6BZV	2770 JF2XGF
2833 HB9DDO JE1SYN K0DEQ	2820 I4MKN JR7BDQ	2810 DK3DG HB9HFN IW0HEX N4DW WB9CIF	2796 JS3CTQ K7NN	2781 AJ6T DK0PM RN3QN UA3LAR	2768 HA1RB JA4PXC
2832 DL4CF K5ZK N0AV	2819 N9AU*	2809 DL6KR	2795 HB9ALO K6FG LA3MHA	2780 CT1GFK N7US	2766 G0BNR HA7TM K9US WA2WSX
2830 K9EU		2808 LB8DC	2794 IK4PLW	2779 K0JGH NI6T	2764 AI0O JA4DLP K2RW

2763 RA0FF	PA3EWP W6RLL	2735 JA4OK K8NVR KK2I W0DJC WT8C	EA8AKN JF0EHX R3VA	2714 JA6WJL JI8DGO JR7WFC K0KT NX7U RA3QK	K0JUH ZS1LS
2762 9A1HBC DJ9VA HB0CC K5RT	2747 E72U KZ2I N6ET VA2WA	2734 JR6FC W6YI	2724 HB9DDZ I7CSB JA3FGJ PY2YP		2703 DL1YD K8EUR KA1R NM6V SP6M W0FLS
2761 I4KDJ JL1RUC K6KLY	2746 KP2A UY5AA	2733 CU2DX K8AC	2723 SM5FUG W1YM	2713 JA8RJE UA0CW W1MK	2702 AH7C W5AJ WP4G
2760 UN5J	2745 JA1SVP W2LK	2732 JA5NLN SV2AEL UT8IO W7OM	2722 JR1BAS NS4C W5ADD	2712 JH3VWN	
2759 IK4ADE ZS6EZ	2744 RA3XDX	2731 DJ9ON NV9L	2721 AD1C DL9GFB K9MK W9XX	2711 IZ8FWN	2701 K7BG OE3EVA R6AF SP3CJS
2758 PY2SP	2743 RD3K	2730 JK1EXO K1NU SP9RCL	2720 ON4IZ US0KW UX3IW	2710 EA2IA	2700 DJ9ZB JH4ALY JH7RXU N9LB RA9CMO WA2HZO
2756 RV3FT UN7JX	2742 DL5ME KB0EO SP9ODY	2729 DK2JX G4PTJ JA2KVD K5UO PY7DJ WB4TDH	2719 F5CQ G4GIR N7RO	2709 AJ9C HB9AUS R9TO W8TN	
2755 DL5AN SP6CES	2741 JA1KQX K3PA SV1BTK	2728 JA9TWN JJ3HGJ	2718 JE1LFX N9FN OE6DK	2708 9A5X CT1BH K3RA K7PI OZ1ADL PY4OY UN6T	2699 IZ8XQC K8WK UT4MF YU1CC
2754 KC9ARR	2740 R5DT	2727 JA3AZD KB8VAO SP2BMX	2717 AA5C JA5WIZ JA9NLE JF1UVJ		2698 K8GI RW3RN WB3AVN
2753 AB9V	2739 F6FXU IT9DSZ			2707 DM2DXA G0BLB G4WFQ JH1HHC SP3FAR	2697 HB9SLO KJ3L
2752 CT1BOL N5XZ SM4DDE	2738 EA7R K1GG WX1S		2716 DL7BA EI6FR UA9FAR W8HW	2706 S52DD	2696 JE3GRQ JG0CQK
2751 UA4HAU	2737 G4IYY JA3GN K1BD OH6RX UT7UV				2695 W5FKX
2750 JA9PPC K6XT N8DJX		2726 K5GKC RX4HZ		2705 EA3BS G5LP	
2748 JN1BMX		2725 DL6MRS		2704 JF7XKY	

2693 W0AW	2678 DF2IS JE3ENP K6AM	WA8WV	2654 DL4SZB SM6NOC W8DCH	2641 K8TL OE1WHC W2YJ	2629 JA9CHJ W4OX
2692 K3JGJ PE1L	2677 IK4BHO JE2DZC N7KA NA5C W4BP	2664 K4SE	2653 JA3APL	2640 DL6ZXG IV3RAV JA2AHH WA3C	2628 IT9ELD K2SHZ KF8UN PY2XU
2691 CU2AP WE7K	2676 EC3A YB5QZ	2663 I5ZGQ JA3ENN OE4PWW OE5RLM W2PK	2652 AF9H LA8PT SK3PY UT5EL W5LT WB0TEV	2638 CX6VM JA2CXF N4TL RW3XZ SV3DCX W2JU	2627 CT1FCX G3WPH RW4C
2690 JA1XCZ OE1AZS SP7ITB W1SKU	2675 JH7XRG KE9ET	2662 JA1WSK JE2OVG	2651 AA9A EA5KA JN1RQV	2637 JG3IWL UA0FZ UN7LZ	2626 WA1JMP
2689 W2KKZ W6VX	2674 JH1QAX K9IR	2661 JE6TSP W9ILY	2650 W8HC	2636 EA5GPQ K1LPS K8VJV N1SV N8KOL NN4R	2625 G3SVD GM3PPE JH1BZJ
2688 JA0DIN JA0IXW	2673 IW0SAF W9NGA YS1RR	2660 DJ4XA IZ3ENH JA7MFL RW4NN SP3QDM	2649 AD5Q N5LZ	2634 I5HOR K1DT N1NK S57AC WC5N	2624 DF9ZW KM1D LA7GIA
2687 W3AP	2672 G3VKW OH2FT	2659 K8BCK KZ4V LA9AJA	2647 K2EP KS1J	2623 IZ0RVI N9RS	
2686 KD6WW RM0F	2671 JE7JDL K1KD	2658 ON4ON UW2ZM W4QN W7CT	2646 JN1GTG	2622 JA1IZZ K0BBC RA3ZH RZ4FO W4FQT	
2684 DF2RG G4OWT W5CIA	2670 4Z4DX DL3ZA R8TX YL2MU	2657 K9MM N3MN RA1QD	2645 AA8CH JR2UBS W3JX W4TV	2633 K6GXO NU8Z W6XK	2621 JK1KSB JM1FHL W4WM
2682 IK8YTA	2668 JA7MOL	2656 DL5CW K0JY LA5LJA NS6C	2644 DF3UB LA3WAA N1IBM SM6CUK VE6WQ	2631 9A1CAL IV3IZU JA7IC K9XD RX3AGD	2620 AA5AU AJ3K
2681 EA8JF	2667 K0KVR	2655 HB9LCW JH8RZJ UA3TT	2642 OE5FIN SM0NJO W9BF	2630 JJ1DWT	2619 JA2ATE JH6QFJ N6ED ND0N
2680 HB9TKS WN6W	2665 F5HNQ J11LET N2BJ				
2679 EW2A JE1BMJ WX2S					

2618 9K2OD DF2GH K7BV* W2QO WA0MHJ	K1USA K6YUI NF9V	2599 CT1EAV	2588 IK2OVC N2TN	VE3MWX WB8ZRL	JG3LGD NC9T
2617 DF9KF K4JJW K4WS K5LJ S52OT	2609 EI2GLB WD8JJA	2598 JM1XCW K5WK N1RR	2587 DK8MCT EI9JF IK0HFO JA7MA JH4GJR	2576 IK5PWQ JF6WTY	2565 DL5XJ HK4SAN IK5RUN JA9NFO N4QQ WO2T
2616 G3ZQH JA7LGE OE3SGU	2608 E73Y JA2EPW VK3QI	2597 DL6CNG JA2TBS JA7BWT JI1DHY	2586 N8OC	2575 JK1GOK N3KK	2564 ER3DX I1JQJ JM1CYJ VE3CFK W5BPT
2615 IZ3GOG K6SIK KG9N PA1CW SP5IWA	2607 KE8UN KU0A	2596 K8IU	2585 OM4EX	2573 AA5AT JH3AIU SP8FNA	2563 9K2HN UA6EX
2614 DL1DA JA1WSX N8LJ	2606 RN3OG	2595 HB9CEX JA3APU NX0I W3GQ W7BEM	2584 K4ZO	2572 HB9CZR K4EM SK0TM	2562 PY2NQ W5VY
2613 K4WA KK9DX	2605 9A4W IK5MDF JA4ITW WA9PIE	2594 IT9PKO JA1IOA JA5FBZ	2583 WB5JID	2571 DL5EBE XE1KK	2561 EA1EAU G3KWK IK0AGU JA1NWD W1YIF W9OL
2612 DL1DUO JG4AKL K4TT N5GH N7IR RL3FA WB8BPU	2604 DK9KX HL2WA JA1GHH W3OA	2593 DL3OH K1RO K4XD W6RW	2582 CT1FPQ G3NDC JR4DSM	2570 CT3MD JA1CLW K6EID N5AO OK2QA RA1QY W6PJ	2560 K3JT KQ8M
2611 K2LS K5VIP KM4H OH9MDV W1KSZ	2603 K4XI SV5DKL W8KEN	2592 JK1OPL KG8P	2581 JE2EHP K8YTO W9YSX	2569 F3SG NN4SS RU6L	2559 HB9CQK JA9AGN W0VX
2610 JA1VSL	2602 DL2KQ JA7JI KD0Q W8TWA	2591 JA1GRM N4RWG	2580 BA4RF DK2GZ	2568 KI0KB RD3AW YO2RR	2558 DL9MRF JA1QOA SM6BGG WB9EEE
	2601 HA0UZ K7WP K7XB	2590 AA4R RW7M	2579 I8JIT JA2FGL UA0SR W9FR	2567 JA3RQ PY5CC SV2BFN W3RJW	2557 DK3WW JA8EJO K0BJ
	2600 IT9XTP JH1AGU W7WM WX0V	2589 JQ6RUP JR1GJP K1LD RW0CF	2578 SP9UPH W6NWS	2566 AA6AA JA2VMU	
			2577 IK5BAF IZ8DFO JA5BEN N7XR PY2KP		

S55DX	2545 EA3BT JA9FAI UY5BC	HL3GOB IV3GOW N8PW SM4AZQ	K2PK UA9FGR	2513 9A2X JA1FQI JE1PNX WT8V	N6RW RA1AOB W5ODD W7YAQ WD5K
2556 DL1KUR IZ5JMZ PA5TT	2544 IZ5EKV LA9VFA	2533 JA4DEN JH4HMG KD0PO R9AB	2524 JA1RTX JH1EEB OH1XT	2512 IK8EPC JA5SUD JR2PMT RV9CX UA0CA UT7UU	2505 DF2TT JH7IAJ K2TE K7EG LA2QM W1VT
2555 CT3HF JA1WPX JR7FRW K8ROX OZ1HX SP6EQZ	2543 K6FW K7ZA	2532 K0TT	2523 G8DX UN7TW W4CK		
2554 IT9DAA JA9CWJ W3BW	2542 W7LR	2531 JA1ELY UA6YW	2522 K1HT K6RO VK3HJ WO2N	2511 EV1R JA0AOO KR4F W6TC	2504 EU1KY IK7XLU JH1QDB LU2NI N3RC
2553 W1YW	2541 JF1KKV W3DRY W4VIC	2530 AA4SC JR9OPJ K5WAF KD3CQ ON6AA W7AL	2521 KM4HI	2510 DK5AI JR1DUP K7SP K9MBQ LY1G N4PY VK3GA	2503 DJ3AA EA5CRC K3NK RN8W SP8HKT W1ZT
2552 OE8HIK	2540 EI9FBB KE4YD WA3AFS	2529 IW0HQE K8QM RA3WDK UA1OMS	2520 IZ2AMW N4HB RA4CA		
2551 LA5YJ SP3SLA	2539 RA3S	2519 N4GN RG5A RZ6BS			
2549 DL5CF IK8GYS PC3T SK7AX W6QUV	2538 DS1JFY JM2RUV SV1LK W2XI	2517 K2KA W1OX		2509 DK1WB I2EOW JR1BLX NQ7R US3LR	2502 G4IUF JA8JTH JH1OAI KT8X N6RV RV1CC W5ZG
2548 EA1AF IW2FND OH2ZZ RC9F SP1JRF WA2BCK	2537 AD6W JA2XCR JF2WGN JH0INE UW8SM WO7R	2516 CT1CJJ YV5NWG		2508 HB9CXZ JF1KMC K7GEX OE8SPW OH6JD	2501 EA3CJ G0EHO JA1TMG JH1OBS K8OM OH2IS OH2OT W2GG W4WT W6JRY
2547 JA0DET YV5JBI	2536 K0RS	2527 IZ4GWE JA1ALT JA6BJV KA8SYV	2515 K2NV VA3LX W0LS WB8ZRV	2507 I0JBL RU6M W6BJH	
2546 SP6TRX W7MO WS9V	2535 EA1CP LA2PA WA6YEE	2526 IK2OHG JA1LSP N6VR	2514 AE5E G3TTJ R9OK R9SA SV3FUP	2506 DL1SMA JA2HYD K5FUV K8FH	2500 4Z1UF 5B4AHJ

DL1HRN	2489	PY2VA	2461	2449	2435
EA5BRE	G3OAG		K3FRK	IK7EOT	K9ZM
IK5CBE	N9RD	2473	W4SO		N3CZ
IT9CVO		DF3IS		2448	
IZ7FLP	2486	LB2TB	2460	JA1GHR	2434
IZ8IEV	S52RZ		JA8BNP	K3VAT	CT1DKS
K1ZN	W1AIM	2472	W8LGJ	K7GM	HB9BUN
K2UR		DL1TRK	WD9DZV	WA6F	JE8TGI
K4MS	2484	SM5GMZ			N5KO
K6EME	JH0BQX	SP7TF	2459	2447	N9CK
KI5BLU	SV1QN	SV1IW	K2AZ	JA4BXL	SM5CZK
N1EN					W9DC
N4QV	2483	2471	2458	2446	WA9CVK
N9BX	K3XA	JA1HRQ	JA1ADN	OH1ZK	
RA3SS	K8BL	WB2REM	JF3LOP	OK1DWC	2433
SQ1X	LU3CQ		N0KV		JA9GPG
VE3RA	N1LN	2470		2444	W1OPD
W3UA		SV2DGH	2457	NA5DX	
W7FN	2482	WW3S	IV3VBM	S57AT	2432
WA4LOX	JA7AUM		N5KM		ON4CAS
WD4LBR	JI4WAO	2469		2443	
	XE2CQ	G4BUE	2456	G4DJX	2431
2499			JG1WSC	KS0DX	N7BT
W1LW	2481	2468	N5JB		
	IZ5RVG	DL8ZAW	W8DX	2442	2430
2498	JA2AH	N6DX		DL4CW	A65BR
K4JAF	JH1SJM	OZ8SW	2455		AF4HX
K9SM	JR6LLN		K9NR	2441	GM3YOR
	VU2NKS	2467	N5MOA	W5IF	HB9FMN
2497		W0GJ	N6PF	W8MJ	KJ6P
JA7LMZ	2479				KT1J
RZ3FW	EA1RT	2466	2454	2440	W7ZJ
S51U	HB9RYZ	CT3FT	KA2D	EA5AT	WL7E
	K4MK	ON5UE	LA9VDA	JA1JAT	
2494	LA3BO	SV9COL	N2JJ	K5PS	2429
K2FU	W4RFZ		W2OO	SM5CLE	JH7BKN
K5VWW		2465		W5PF	
W9XT	2477	N4LR	2453		2427
	JJ1SKG		JA8KSF	2439	JH3GCN
2493	SV1VS	2464	SV1GYG	F3AT	LA0FA
NW7E		IK2VUC		SP3PLD	LX2A
W1BR	2476	JA1IXY	2452		
WS6X	9A4WY	JA1VLK	F5LVL	2438	2426
	DL6JZ	OH8LXT		DL9TJ	EA3GHZ
2492	DS5USH	UN9L	2451	KQ4AV	K1KA
JA1FGB		W6SZN	UA0BA		N4GG
JA6TMU	2475			2437	
WQ3X	OZ2PBS	2463	2450	W9OA	2425
	WA1S	K6KO	IK0LNN		DJ9RR
2490	ZL3JT		IK4AUY	2436	HB9AZZ
OH1NX		2462	JF1IRW	SP6A	HL4CJG
	2474	W6TMD	K8RRT	W0AWL	JA2FBC
	JA4EPE				JE2HCJ

ZS6WB	2412 I5OYY WA0I	N2NS	2389 JA1BPA	2376 HB9AAQ IK0HBN NE3F YO2CMI	2363 EA6EE N8BJQ RA5BM VE3VHB
2424 W2OIB	2410 I0YQV IK4MSV JA0EIY KJ0M N6TA	2400 IZ2FOS KM3T W8WEJ	2388 G3VPW JA0VSH	2375 ZL4TT	2362 IZ8DBJ JA7QFU JE2RDO
2423 DL2VPO KB1JZU W1EBI	2409 HA5AO	2399 HP2AT N5UL	2387 K9YC	2374 IU0HDC KA7T RN3RQ	2361 CT3KN
2422 IZ4MJP	2407 JH6PFY ZL1BYZ	2398 AA3B DJ4GJ DL2FAG K2SX W2GW	2386 JF1RYU K4YMQ PA7RA W1EQ	2373 JE1DXC K7ZD W2LE	2360 N6MZ N8SNM
2421 AA8OY	2406 IZ4DPV JE8CLT K1LT K1UU N6HC W2AY	2397 IZ5BAM JA1DOF	2385 DL8LE LA8HGA W2NO	2371 GM0AXY K8UT	2359 F6ECI KM3V OZ1IKY W4DC
2420 CT1APN DF5AU DJ5JH JA7EPO VE6LB	2405 IV3KFB K6PJ NE9U OE2BZL OH4UI	2396 HB9ICC JH1BNC N7TY PA3CSR	2384 I2YDX K7HP K8YSE KQ3F W8UV	2370 DL2UH IK6QOP OE2GEN	2358 WF4U
2419 IK2EGL JA1FNO KF7PG	2404 JA4FHE K1CA K5KV KS3F PY2DS SV9AHZ	2395 AA7G WB7B	2383 LU8EKC RK3QY	2368 JP1IOF	2356 JA3BXF K1KO N1GC N6QQ US0YA
2417 JA6BEE	2403 JG3SKK R0FA	2394 K4TEA	2382 HB9BAT	2367 F5PBM HB9DHG HS1NGR JA2CEJ OH1JP	2355 9K2NO AA8R JA8FHM K8YC N6UK NA9RB SM3LGO XE2X
2416 9K2GR IV3HYD OE6VIE RA3DNC SV1ACK	2402 JK1TCV N9JV W8MET	2393 JR4LNG	2381 JL2JVX KJ9C	2366 4Z5AV BA4DW DL9FCY K0TPP K9FD*	
2415 HB9IQB JR5JAQ WQ5W	2401 DJ8ES HA7UW	2392 N2WB N6PSE PA7TWO W4HG	2380 K1ESE ON4ATW W4UCK YB1UUN		
2414 I4ENO JI1NJC KG6I		2391 W7MEM	2378 F5IL	2365 EA3NP PY2MC	2354 K0XB
2413 CT1BWU K9FN KA8ZPE		2390 JA1TAA K9RS W4MAY	2377 K1NTR K2TWI ZS2DL	2364 AA8LL LU4FPZ	2353 9K2GS
					2351 WB8K WD0DAN

2350 DL3OI IK2SGB N7DC W9EWZ	2339 JF2WXS N5ZC SM3DMP	IK6OIN K0QC K1IT KG9Z WA0RVK	2320 I8QJU W9BEA	2309 HB9BXE HL2IFR	W7HPW
2349 VE3YF	2338 FG5FR JE1AEX JH1CHU	2330 9A1AD IK2RPE	2319 K7MTR UA3ECJ W5FI	2308 IK7FPV IT9RYJ JA7ZP K4CMS N4TJ ZL2IFB	2299 I5CRL
2348 DJ5JK DL8SCG K4RG K5KPE K7UA	K8AJS OK1FED SP6JIU	K3TN W0GG	2318 KK1W S55SL W8CZN		2298 HL3DE JA3BSL JO4CFV W9OO
2347 IZ3ETU PY2IQ	2337 JA2BQX JH1LPP K0GD OH3NHF VE3CRG W8JRK	2328 K1LI N2DPF W3IP WA1SXX	2317 JR3UIC K2XF	2307 DL6UAA K8DV KD9HL N0RB	2297 HB9BOI LB5WB W3YY
2346 G3NKC JA9AA	2336 EW4M K0VXU	2327 AB5A HK1MW LB6KC N2LM S52TJ SM5ARL W6RS WF2S	2316 EA1JO JH1IED K0GY W5GZ	2306 BA4MY	2296 SV1FJP
2345 K7LJ SM4CTI WA2NPD	K4XR W5GAI		2315 N5BO	2305 JK1UNZ K8CW NE8P W7AH	2295 EW1BA
2344 EA1AUS JA7PL RZ3DJ	2335 DF7EE DL5XAT JR8AMF	2326 K4PB	2314 AI2N K1ZZI VU2CPL	2304 JA8UIV OK5TK WB8CQV	2294 KE6FV N6HY PY2RO RU3ZX
2343 IZ8EDJ JA3EOP JA8DKJ NA5Q W0TT	2334 HB9BYQ JA1SKE W0RX W2YE	2325 BH4QYX JA2IYJ JH8SLS K9GA	2313 JA4HAW JA4VLK JA7BVH JA9GLW K5DHY	2303 HL2CFY JH4ADK	2292 IZ4AIK JA3XNH RZ3DW W5VQ
2342 IK8JVG SP9WZS	2333 HA0HW OH1NDA SM7IUN W0HBH	2324 IK1SOW JA2FSM JL1XMN JR9LKE N0RN N3UA PZ5RA VE6AX	2312 JA2KNW JA6CBG	2302 I2VGW JA7CVL JG4BLW N4RF SV8CKM W2WG	2291 JH1RGG SP3XR
2341 SM2GCQ VE3EK	2332 7K1PTT HA5VZ IW1QN K6UM OZ1LCG		2311 K8ME PP1CZ R3ST SM5CRV WC5M		2290 JA3FHL W7CA
2340 DK7YY	2331 AC0A	2323 JH4BTI K0CS	2310 JA5BGA JF1LMB	2301 JH0MXV JP1NWZ	2289 AB5EB N9AW XE1MEX
		2321 JA4ZA		2300 4L1MA JA8NFV K0LUZ OE5BWN	2287 K0VSH K5JC PA0ZH

2286 JA1BOQ OH1NPW	2274 W1SRD	2264 K7TM N4MHQ UR3EO UR5FEO W1OW W5ZPA	2254 KE9L S57XX W9PZT YL2KF	2243 JR3REX K8NK NK0S W3MR	KX2A
2284 HK3X JA1PTJ OE2KHM	2273 K0AZ K8BN N7NG VU2PTT	2263 JK1BSM ZS1A	2253 JH1DGQ W1YRC	2242 JA3KGF JE2UFF NY2NY WT4Q	2233 SM7NDX
2283 JA4FM	2272 KE1F N4XP	2262 HI8R OK1DH WA4JQS	2252 OZ1LWT RN9N	2241 JR1WCT N4EFS NA2M* NF1G OH1TX UA1ACG	2232 9M6YBG W8ZF
2282 ABOX IZ8GGF	2271 K9RR N2WLG W0SZ W8LRO WA3F	2261 F9XL IZ8EEL JR6IKD	2251 N4TV W5ZO	2240 9A2TN JJ1BMB K4MM K6SRZ	2231 DL4DZL JF2VAX OM2DX R9SG W8IQ
2281 I1NVU W9HBH	2270 EA3XP IZ8FDH JG1OGM KG2KJ N4JQQ UA4AZ W5WT	2260 G3UHU N9UA W5PJR W8IW	2250 DL1SP EA8BYR HI3T IZ2DLV JE2JMV JH1XUM	2239 JA0DWY W4ABW	2230 JH3FUK K9MIE KJ6NZ PA0JSE
2280 JA3NHL K6YRA	2269 EA3AKY JH0GHZ W9FI W9JA	2259 UA6FJ UT3UZ W3RW	2249 AB5C JH1VUO N2VW W2/CT1GIF WP4EJH	2238 JA1CMD K5FZ	2229 K2TK N4JT N8MR SM3CBR W5DNT ZL4AS
2279 JH3FHQ KA1ERL LA6UL LA9GX W5SL	2268 K3SEW K9OW	2258 DF2NS K6DT	2248 JF0CSK N5DD	2237 I5MPN K2EQ	2228 JE1GWO W6UC
2278 JF2ICB JH2IEE K4WNW N9RC W5JAY	2267 9A5N IZ1GLT WS7L YO9FNP	2257 IK2SND JH4FEB K4NNX K8NKQ	2247 K4HMB	2236 AB0CT JA0PE JH1APK K2FW S51NM	2227 JG5RVQ JJ2WOC
2277 DL1WM IK1PMR	2266 OH6NIO	2256 JA9IFF KA4RRU	2246 PY7RP W8UN	2235 I0OSI IK6BSN JH1IAQ K5JZ	2226 K7BTW NT5V VE7BV
2276 IK8VRH RU1AB RU3SD VE1JBC	2265 4X6ZK IK0DWN WS5W	2255 EA7SG HC1BI JH1BAM JN3SAC	2245 FG8OJ VE1HQ W8OP	2234 JA2JRG	2225 IW1FGY XE1RBV
2275 AA1AC LA4PM			2244 BA7IO VO1HP		2224 AB1OC CU3EQ KD6UO KL0S

2223 K1NY SM3PZG	2213 JA8EOT K1YR N4QWF	2203 G0VXE IK2ANI JA0GCI JA1KPH W8GNM	EW1KP IK8BQE JK1AJX JR1NHD K2CBI LY3W W1SSN W6AEA W8KA	2186 ZS2EZ	2175 JA4DHN K0DD W2CG WW2DX
2222 IK8UHA IW0HOU JK3GHE UN3GX	2211 E21EIC KR2Q UX5UO W0YVA W8KL	2202 I5MXX JA8JO N1EVK UA0FO WA8MCD	2194 CT1DOF K5PI N2WKS WB3JFS Z31RQ	2185 JA8ZO PY1KN YO3CD	2174 HA5PT K5TT N7WS W2OR
2221 HL3AMO JA2DXD K9OT	2210 JA0EKI NF1O	2201 G3TQZ JA6OXT JH1ACA K6MI N6PE RM3DA RU0SN W2TB	2193 K2RD	2183 4X6KA JA3UCO JJ0DRC NE6I PA1H	2173 G0DBE K2AU LU5FF OE2SCM
2220 EA9IE JH4DYP OZ7FOC	2209 DL1SVI K1NJ UN7ECA W4BUW W6RFL	2200 CT1AGS OH5LLR SM7GIB W2YR W9YE WE9V	2192 N3BNA	2182 JA0CGJ JH1SOD	2172 4F2KWT G3KMQ KK0M
2219 DJ5EJ K4VIG KH2L NW4V	2208 DM5BB DS5ACV IK3SWB KI4DLS OZ4VW W9JJB WA1FCN	2191 EA8TH HB9EFK IK2DZN JJ6DGP	2190 N4SC W3ABT	2181 IV3TMM W6SL	2171 UT3UY
2218 EU1U JH4CBM W6DR	2207 I5KG	2190 N4SC W3ABT	2189 AI6Z IK1ADH JA8CJY N4AL N8NN	2180 4Z5LX IV3TDM JA8BAR RW3QM UN7FW W5RQ	2170 JH1VHU N7UN SV3AQR
2217 K3EA W0HT	2206 K1EFI PA3ABH	2199 WB8B	2190 N4SC W3ABT	2179 DK0UB IV3YIB JF1RPZ WA1PMA	2169 JA3MF SP1DSZ
2216 EA3EQT SV1HEP	2205 DL2HYH JA0UH JA8FFM NF4A W3XY	2198 JA1OVD JA3LDH LA6OP W0QQ	2188 N4ZH RD3A	2178 K1GE	2168 AA4FL F5UJK HL2EIZ UT4EK
2215 KA2MGE LA9FFA RA4FEA SM7CQY SV2BOH W9DX	2204 AB4SF K6ZZ N4HID WA4CEM	2197 AC9EM SM5CBM SM5ENX WV4TN	2187 IK4IYC JR1MLU RW4CY W8BBQ W8MHW WE1P	2177 EA4EER KT8Y N3EN NW6S	2167 DL1NKS IK6HRB JA2KVB
2214 JA1DM K4FJ RN1ON SM5SWA		2196 JA2VHO W2FV		2176 DJ2SL DS3HWS JA3OOK K4ZIN W5DAW	2166 LA2XPA W2RQ
		2195 DF2NU			2165 HL2KV I0MWI

JJ1LBJ	2154	RQ3A	IW3GJF	N2SQW	2117
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N5ET	SP3V		JN1NBU	W9VNE	G0FUV
S54A		2144	K7LV		N6PM
2164	2153	DK2OY	N1IX	2126	OM8FR
S55ZZ	EA3GHQ	G3UAS		IK7YZG	W0CP
	JE2VLG	LU6ETB	2135	K7ACZ	
2163	JH0RVY	N4UOZ	JA7BEW		2116
UA1AIR	JR7GBL	W4IS	KR6C	2125	F6DBX
	K2BA		N5TJ	IV3XNF	JA3QOS
2162	OH2BF	2143		JH3SIF	JE8LWZ
RZ0AF	S50R	JA1CZI	2134	K2AX	K3OX
S59ZZ	W4JS	JA3VPA	JE1VTZ		KF2DT
W7AV	2152	JF3SUL	WB5TUF	2124	SM7HCW
YL2TW	UA3O	JH2SON		CU3AA	W5WTX
	W6IGK	K4NA	2133	JA0LXP	WB2GAI
2161	2151	N6KZ	AJ4A	OZ5NJ	
AA5JF	N7IP	W3FI	JH2XQY	W4GIW	2115
JH1UBK	SP1MWK	W9RC	RA3LO		DL3KZA
JH1WJR		2142		2123	EA1KY
	2150	CT3DL	2132	KZ8Y	
2160	KU4XO	K8KWT	JA1MZL	VK3BDX	2114
G8AJM	N4UFO		JR1UFN		HI3Y
HS0ZEE	SM5FWW	2141	K7UT	2122	IZ5NFD
I5REA	YB0COU	DL2AYK	W3TN	K1ZE	JH1DGJ
IK1CJO		DL9RCF		KX4TT	KA2NDX
IK4HPU	2149	N1RK	2131	LA5SJA	SM7BHH
JF3PNQ	IZ0NRG	N6IE	K1RV		W4SK
JN7DOS	JA5NPV	2140	RN3CT	2121	
K1PL	JG4NNS	CT4GO	W7QDM	A65CA	2113
2159	RW9QA	IW0GBU		IK2ILH	JA1OVF
4O3A		JS6TWW	2130	KD4S	
DH2PC	2148		EA8AXT	W8JV	2112
N1RJ	CT1GPQ	2139	IK0OPS		AE0P
VK3NX	DL7UPN	JA6GPR	K0DEW	2120	DK9HN
	K4YYL	JF0JYR	K2SN	JA1WTI	UN2E
2158	K5GH	K2BLA	OE7FMH	SP8FB	
K4RO		K3SX	W6YOO	W1WC	2111
SM4OLL	2147	K4KAY		W6RKC	JA4FJL
YO3FRI	JH8SIT	K8BZ	2129		JH0MHR
	N3QE		HB9G	2119	K2HAT
2157		2138	JH1BSJ	JA7XBG	K3PP
K0KG	2146	JF4EQJ	N2AJ	JA8LRG	KB9DAK
W6CYX	9A5TW	KV1J	WB6EWM	W2KA	SM4DDS
	EA5RD		XE1H	WB3LHD	W6KK
2156	EA8MT	2137		WI8R	
N5PHT		K1SM	2128		2110
TA1CM	2145	NZ3O	KE9I	2118	9A9CW
	DF5WA		RW4PU	JR6SVM	F2NH
2155	EC1A	2136	UN6P	OM5FM	HB9CRV
WA5LFD	JH0NEC	G3IFB		R3QW	JA1WWO
			2127		JA8XQI
			HB9AAL		NA5Z

RA1OD	2100 DS4AOW N4IQ VE3NI	W2ZI W4RDX	2078 K9DR N3KN N8EHW YO2DFA	2068 KK4OK N4NW R3LA	N0IJ WD8PKF
2109 CT1BWW HB9MEJ JA2QXP	2099 EA8RR N4JR	2089 IK0XEZ SM0MPV	2077 JL1CNY XE1J	2067 JA1NCZ JH8GEU NK4L	2058 IK2PZC JA1FJJ W1ZK
2108 JA1AML JA1EMQ JA3WLN JA7HRM K0GW KW4V W9MJ	2098 EI8IU KI1U	2088 WA2USA	2076 OZ0J	2066 DL4LAM E70T	2057 PY2FN W0TM W8LMG
2107 EA3DW G4DJJ IK0UTM K3PU	2097 IZ5MOQ SV1MO	2087 JA1CJO JF2DND KF0LA	2075 JA8DSO KI4GE RA3FH	2065 G3LUW JL1ARF K4ST	2056 KU5B RN3D
2106 JE3GUG VE2BR	2096 F5NBX HA1DAE JA1QWT JA1XPQ K5DC KB2FCV VE3UZ W2JLK W5WP	2086 WQ6Q	2074 DL8PG IU8FRE	2064 DL3BRE EA3NY JH9DRL N4OA W8FIB YB2DX	2055 F5BOY JA1DDZ JA1UII JH6EJG PY2WC
2105 DS5TOS	2095 JA4FCV K1UI KE4UW ND4X ON4RU	2083 JA1JPM JL1OEC UR5ECW	2073 DJ0MCH K9RT ND4V PY2GM RX3APM	2063 JA0KJD W7HR	2054 OH3OJ
2104 DM5GG JA3KNN	2094 IK2CHZ SV1FJF	2082 JM1GHT N7DED OH7TV SV1CQN YO3ND	2072 JA8OW K4JC R9SC SM4BZH W0JM W3BG	2062 DH0GSU K9SG N6PEQ W2YK	2053 EA3HRE JA8IUB K9JU
2103 JK1ODA WA9YYY	2093 VE3ZZ W7YA	2081 NA4EA	2071 KF6HI PA0INA W3GG	2061 AA4NC W1AO W5RF	2052 K5TA NH6T/W4 OM7CA RA3TT UN7G
2102 AG1A CT1FUH DM2RM KS4S OH3NDH	2092 IZ2EWR N5AQ R1MA ZL2AL	2080 JH1ORA KC6X N0AH W5LE W5QM	2070 AA4M KK2M N0ABA ND5S	2060 7M4AOE CS8ABF F6HLC JF1LZQ JR1IZM PA0TCA	2051 JA2MNB KJ7TEA LA7XK WV6E
2101 EA6AJ HB9JOE JH7DFZ K1DC K7KB K8KS KM6HB WA3OFR	2091 EB3CW G4XRV W1TO	2079 JA1GVM K8AV KN4KL N1IW PA0GMM VE3JV	2069 KJ7M N3VA	2050 AC9S JM1HJG K4JLD W8JH WB8FSV	

2049 JH2PWY	JN3TRK SP6AXW SV9GPV	2033 V51B	S52D WD8ANZ	IU0LFQ K9MMS RK7T YB1AR	DK3UA K3WWT KV1E N6OJ VA3MO
2048 EA3EQS I5JFG JL1OXH K8NS NT2A SP5ES	W4GE W7SX	2032 HB9DOT IK2RZP IK5PWN JA1AFR KI6CG LZ2HN W7NN W7VY	2024 HB9FMT N1JP RT0F WC6DX	2014 EA8DIB IZ1DFG K2AT N7TT	2006 DG7RO DM3AZ F5VHQ JA3EJG KB4MRX
2047 IZ0BVU JL2PQV JP7EIP K2AJY K9OR	2040 K1DJ K2RU LA7WCA N7QT W8MK	2031 K5NZ W7IV	2023 JR1EYB KB6CIO	2013 G0MTN JT1BV N7ZO NP4G RA3QUA SQ7NSN	2005 DK5RL HA5BSW JH1NYN SM6CKU WA6JA
2046 AB4I EC1AIJ F5INJ	2039 DK9CG UN3G VE3KI W7IB WV9L	2030 K6IPM N3JT N6PAT UA6AUA	2022 JA0KJE K3BR OR7K SV2HXX UA3FF W3FOX	2012 JE0VJV VE3MV	2004 DM1TT EA1DLU RA3ANL SP3QYQ
2045 K1FEV RK2FWA W2PP	2038 AF5CC HB9KNY JH3GFA K9WX WA5IPS	2029 N4IG	2021 JH4RUF M0CSD	2011 4Z5SG	2003 F1RAF GU0SUP IU8HEP KE3D KH6M UA4PCM WB4YDL YO7NE
2044 K3STX K5CD UN7JID	2037 DK2CC JA3MHA K2EK W7IU WE4S	2028 DJ0UT JA4QAD KD2T NA2AA SM5AOG YB1TJ	2019 GW3SFC JA2MOG JI6IHG K1JIU SM5BMB W1ITU WC2K WC3W	2010 HL4GAV JA1NRH JH7CUO K2BB K6BV RA3BL W3BJ WB3D	2002 HB9DVZ JA6IVR JF2OZH K5FNQ KD8RQE N4CQ NJ3K OH1HB SV3FUO VE4EAR
2043 JH6WDG K2UFM K6MKF K9TF NA9A W4ZYT	2036 BG2QMO NU1O WA3I	2027 F5OVQ JP1TRJ NI3P W6DE	2018 K0EOO ON7TK SA0AQT W3ICM	2009 9A4SS AA0MZ JA0RCK JH1FSB R3DG SP5APW	2001 BH4IGO DL6OCM JE4NAN K6KZM
2042 IK5BOH/2 K1RI KA6BIM LZ2ZG NE0U US1CT	2035 AA4VV JA7KE K4YJ KE8KMX KM1C N9SF W5THT WB0O	2026 9A5F JA1PCM K1TZQ N3ND RT5A XE2D	2017 JH1EDD	2008 K4EA KK9H LZ2XF N4QWZ ZS1J	
2041 AB4UF IK0OER IT9GSF	2034 AA3LX K3VN	2025 EA5OX JH6DUL JL2KEQ NO4J	2016 JA0LFV K4KGG RU9UC VA7CRZ W1OP	2007 7M2PDT	
			2015 DK3GG		

N9TF	1997	1984	1973	HA5CW	1952
N9XX	AF2C	6K5YIA	DL2NOM		K3NQ
NA9Q	GI4DOH	DJ9WH	G4FKA	1961	W2NK
NU1B	JA1QXC	JE1HRC	JA4XH	DK1WU	
VR2XMT	NA2U	JJ1CQA	WS1L	EA7QW	1951
YO4DW	W2NRA	JR7MAZ		K5RJ	DF1ZN
		N2FF	1972	K9ALP	IZ0BTV
2000	1995		DL3JPN	OE3KLU	
AD8RL	IK1IYU	1983			1950
CT2FEY		DF2PI	1971	1960	JA2FCZ
DK8MM	1994		DF9PG	JA1CFZ	K4OY
DL2RUM	PA3GRM	1982	K2SY		N1ZZ
DL2SWN		DL1RWN	1970	1959	N5UW
I1WXY	1993	JA1SGU	J11WLL	JR6CSY	WA4DOU
IK8GJR	K5SM	W3ACO		K9JN	
IW3SSA			1968	N4HN	1949
IW7DOL	1992	1981	G4NXG	SM0DSF	JA1XRA
JH0AWC	W5GA	G4XEE	JR1VAY	SM5CAK	W4DAO
JH0NOS		WA0ROI	K6TAR		
JH1ERJ	1991		OZ4AAL	1958	1948
JQ1TIV	HA5GN	1980	PY5IP	KE8UM	N4TOL
K1RH	K2QPN	G3LDI		N0ODK	YV5OIE
K8YYY	NV4B	IZ4DIW	1967	N5TW	
KS4YT			AA9RR	SP6AEG	1947
KV4T	1990	1979	JA4HWX	W5DM	DL6XK
LA1K	N6MB	AA9GR	JM1TWR		DS5DNO
NG7M		I8LWL	NS4P	1957	N4ENE
OE3HWC	1988	JA1IAZ		IT9RTA	
R5QA	AH0U	SV2DCD	1965	N2RJ	1946
RD4A	JA4IXI		IU8FRF	NY3C	G3SBP
SQ5NRY	OM3IM	1978	JA3HBC		JH0OXS
VK4CAG		IZ8EJB	KA1J	1956	K5WBM
VK5GR	1987	N1QY	KB9VF	AA6RR	
W0IZ	DK3WG	NY9H	KD5QHV	JF6XQJ	1945
W3BNN	JH1OGT		N6NO	SP5MXZ	DJ8NT
W4KA	JM1SZY	1976	N7WO	SV8BHN	N9PGG
W5VX	TZ4AM	DL5OCE		WA1YTW	
W8LKG	WC4H	JA0CIU	1964		1944
W8QZA/QRP		JJ2RCJ	DJ7ZG	1955	IT9ODQ
W9ZCL	1986	KY6R	EI3IO	K3FM	NE8Z
WV8DX	F1ICS	1975	N9ZI	SP6EY	
YB2TX	HB9DQV	JA1DOT		W1CSM	1943
	K1ACL	JO1LVZ	1963		W8TE
1999	KZ5DX	K5QX	I8DVJ	1954	WB2BIN
IK0CHU	N1UK		JA1BNW	DM2TO	
LA9OI	SV1FKZ	1974	JG3RWX	IS0AFM	1942
	W0SR	GM4FDM	W6AER	K8VC	CU3EJ
1998		K8FC	W9SN	1953	JA4EVN
AC4TO	1985	SV8DOU	WB8ART	K2BX	UA4SKW
K6NR	HB9CIC	WA6SCW		K4WZ	W2CVW
KN6KI	K6MM		1962	N3KV	
RX4HW			CU3AN	W9IL	1941
W4RBO					ND8L

ON4ANN W5LO	JA7FWR JG6NGS RL3AA	1917 7J1ADJ DJ3AS HL5BMX N4PYI	1906 GW4BKG HB9IIO IK7WPC JA1HOM K1BZ KI4WCQ KQ4EE N3KS OE1SZW	1898 DL8OH UN1L	1887 DF6TC K9DT KM3J YO3JF
1940 DL7UVO K4WES N9YB	1928 K6MW N5WA N6RK W5KK	1916 AD5MN IV3AZZ W8HMK		1897 G3XLF JR0QFA N2ZA NJ7G	1886 JF1WLK KF7F ND3L WB2WPM
1939 AC6DX JH8NBJ N2NW SM0BYD UA9CGL	1927 EW1P JE1OHL K2TER N6NU S58J	1915 W2WC	1905 JA6JEW SM1TDE	1896 JA2EWE JA4CZM WB5AAA YO2KHK	1885 DK6OR
1938 KE1VT NA2P	1926 IK2DUW JM1VRW RD3BD UA3FX W3SB	1914 VR2CH W5GO	1904 DF2UA DL1DAW K8EAB YO4AUL	1895 W0PSY W5JMW	1884 HB9FBG IZ8EEI KZ9DX
1937 JH1MFN K4MF		1913 DL9IU EA2AFV IV3IXN N9JR	1903 KZ1W N3NR NQ3A	1894 JA0AXV K5OA W4HZ	1883 IW0BYL W2PA
1935 N1KC	1925 DM2HK HB9TOC JA0NZR W1NA	1912 DL2RTL JA2ITK K4WM	1902 AK5Q IK6GRT IU2ANW JA4KDT JQ1ALQ	1893 K4JKB WD8NVN	1882 DL6KO EA5RU I4JEE NU4Y
1934 DK4TP I2AOX JL3MCM NA6L	1923 IZ1JMN KF9UG	1911 JH1RFM JH7IMX K5TN UT7KF		1892 AB2E CT2IUK K8QKY N6AX	1881 JG3WCZ JP1LRT
1933 CU3AK JH8UQJ KK4OW W8FN WN6K	1922 DL4RCK HB9AWS JE2PCY LY3UM N9KW	1910 NC4RB	1901 F5JSD JP1HDK	1891 K6XN LA9TY WW5G	1880 AA4DD JA0EVI VE7TK W2CDO WB2KSK WX0B
1932 K9GWH	1921 JA2KSP	1909 EA1KP K9SE W7WZ	1900 FG4NO JA7BSD JH2VVH K1JD KU8X N6ZN PT7ZT W1AW W5KI	1890 N7ELL W8QID	1879 DL3LBM RD9M
1931 JF1IXE JH7VTE WA9GON	1920 JJ2KDZ K9AW	1908 JE6HGL K5YCM KD4W KL7HBK SP5TT		1889 N2ZZ	
1930 IK8CNT	1919 JA3MVI NR9J W0FS	1907 DL4NBE DL5MHQ	1899 EI2HY KW4MM	1888 IV3ARJ MM0BQN N3OC W4YCH	1878 K3NF K5AB K5KG K9AU K9UQN RA4WE

1877 VE3YV WV2I	1868 JA8AZN SV1OZ UA1ORK	1859 IK5FKE JR3XUH	1847 AJ8MH K4MV VE1OP W1WLW W3TI WB4QOC	SP3AU	1826 JA4SSM K5OT YO3DDZ
1876 AA4AK WO2X	1867 JH8KFE RA4P RO1B	1858 EU1M I4JBJ N5QS NL7S SP3F	1846 JA2XW	1836 G3YQA K0SD	1825 N5FF W1LE
1875 IZ8AJU K0LB	1866 EA5B HB9MFM K1JB K9CS RA0BA RT3M	1857 AA4U PA0JNH	1845 WY6N	1835 AA4LR IT9BLB JA6HQT K7GS NA6MG PY2GG W0ZD	1824 DL1HBT DL7APK IK0EFR JE7ETY JJ1KZZ W8OM
1874 DF3EC JA7VEI K6IPV LB2HG RK9UN W1SLF WB6JJJ	1865 AC9O AK5X DM2FX JG1HVC K3PT N4GU SK3BG SP6IEQ W0FK W4DEE	1856 AA6PW	1844 K5IB N2KI N8SHZ	1834 N6MXU PA3BWD	1823 DL5NO JA7QVK NI5F SQ9OH
1873 AG5W WA4VA	1864 JR0PJR MU0FAL WQ5R	1855 JT1CO K4XU K5CWR	1843 JI3CJP KK4CB N1MD	1833 K5ZQ LU8ADX W8CD	1822 HL2VA HL2ZN W8NGA WB0TVY
1872 AC4VM I0GOD JG1DUZ SM6CLU WY1G	1863 JA1PAH WO9S	1854 5B4XF W1EG WA5POK	1842 HB9DQL NE9Z VA7ZT	1832 JA1XEL JF7ELG	1821 K3GT YV5LI
1871 JH7QLR K4EU K4JWA NU4E W9VG	1862 DJ5IO JA1GUC K2CIB W1KDA	1853 N7MQ OE5TXF W2RIJ	1841 W0DD WB2AQC	1831 SM3PHM VK3FM	1820 DL1TS HB9DVO JA3EY K8ZM W1DYJ
1870 DF1KG I8OCA N6QI SM5FQQ	1861 JK1VXE N1AC WC4X	1852 W0QC	1840 EI6IZ K2MP N8AYY W0KCJ W5UE	1830 DL8FBD JJ1QUV K0OK	1819 K5UZ W1UK WB0N
1869 JA0MRW JH0EQN JJ1TKN RU1AO W4PNY WK7E	1860 DL5KUA SP7ICE	1851 JA1UTZ JA7GYP N6GP WA4QMQ	1839 DJ8OG JI3BFC	1829 KD1F	1818 7K1CPT K0THN K3AJ YO9BXE
		1850 DL4FAP I0LYO IT9AAI JA2KTP JA7JPZ N3XM	1838 DJ1TO EI7CC W6WF	1828 AG7N JA1QIW OZ1HPS	1817 K0MD
		1849 IZ8MBW ZS6NJ	1837 CX2CC EI2JD LY9Y		

N1API WA4BIM	JH9AUB N3RW W0MU WB2NPY YL2CA	1798 DL7KL EA3ELW K1IFJ KC5LK S59DKR	KB1HY KD8F KE0A KT2C LA1U	1780 EA2AAZ IV3KCB JA7FAS JH1FNU N2GZ S50B W6OD	1771 K3SV N7BD ZL3RJ
1816 4X1VE G3WW KE1R OK4YL S52FW	1807 JA9ESZ	1797 K1DW N8PCN	1787 K1OT KM7R ON8GT	1779 JA6GIJ K5AV	1770 EA4DL N8HRZ R3CR SM5YOC WY0V
1815 IW0BCF K2IXQ W1PX W3KB WD4OIN	1806 JR6IQI K4MY KN4PPD PA0MBD	1796 JF3DRI	1786 AA7XT G4AFJ N2CG	1778 JG1LBN JH1ILX JR3QHQ	1769 KE4KY SE2T WC7N XE1VIC
1814 4X4MF AA9LC AH2O IK1UGX K1XV	1805 CT1BXX JH7WQX W6BK WX2U	1795 JR1DQK K5ZD KA9OKH SV3ICK W6DX WC4B	1785 JI8PDC JL1BYZ K6UFO K7NK K9QFR R5DU W3UM	1777 EA5AR JA7DYJ JA7MAD	1768 K7LAZ NE1F WA7BNG
1813 JI1LAT VK6LC WB4VAM WC7Q	1804 JN1XNI K2RET KV4AA SP8LBK	1794 I2YWR IK3ITX PA0VLY	1784 EA5DFV I2TZK JJ2ONH JM1LPN LA8AW W3MF WA3PTF	1776 DL8TV HK3PJ JA6JNF JR4LZX W8GEX	1767 K0QQ VE3VC
1812 JA2OLJ K3MSB W7CD	1803 VE6KC	1793 G4ZOY G7VJR JA1PPW	1783 IZ0CBB K4SX R9MJ WB8BZK	1775 BA4TB I8YAV KW9U N3MK WA2UBK	1766 LZ1MS N2KX SP5ELW TF3DC
1811 HB9JIC IZ3BJK JH1FVE N8NA OH2RI	1802 K2MK KE5PO WK8A	1792 DL3EA JH4RLY JR6GIM	1782 DG5LAC I4JED JJ1PFC SM0XBI	1773 AJ7G JE2EBT JH1XEF K4WY K8KI OZ7DN PY2SEX	1765 K7XC SP5LKJ UR4QFP
1810 DL1DWT EA4DEI NM5Z NU7J	1801 IK0WRB K4AV N5PR NK7C	1791 N6WM W3DM	1781 DL1FKA IZ0CKJ JP7FSO W6TK	1772 4X1SK K9PG N4TD UW2ZO WA0SXV WB4GLI	1764 DS5RNM HB9ZS UR4IOR UW7UA VA7RY
1809 NX8Y	1800 K3GGN KL7TC VE3YXO W2DXE	1790 IZ0GYP SV8RX W9CSX XE1FAS			1763 IK4THK W9ZJ
1808 JH5HDA	1799 JE1IBI JJ1CZR W1EL W9MO	1789 IK2ZJN			1762 AB4GE JH2AJY K4GO

K6ZP KF2T N9MR* S53MJ SP5JXK TI5CDA	1753 RD8X	1742 DL7JRD K5ALQ N5PG	1734 5B4ALJ JE0ART JE2KSM ZL1HD	1726 DL9GTB IK3DVY K4VNY	SP7CVW SV1GRE
1761 HB9BOU NA4MM SM5BS	1752 AL7R BV1EK JF2HPA W3NS	1741 JA6AVT KW4CQ N0UN	1733 IW7DVM JQ2QHQ K2CYE	1725 N6EE V31MA W6FL ZS2Y	1716 9A1CKH DK1EI IW9HII K5VR K7WE N3RD NO9E
1760 DK0EE HB9TMW JR1EFG WC0W	1751 KR0P LA5XGA	1740 CT2GLO DK5QK DL8SDC N1KDO N5EPA RC2A VK7CW W3HKK	1732 EU4A IK6EIW JA5JUG KA1DJ N4DWK	1724 F5JY JA3CSZ YO3AIS	1715 KK5OQ N1CGP OZ8X VU2DCC
1759 W0VHF	1750 AL7TC N9AOL W3US W4CCS W8NN	1739 AD6ZJ CT1IZW EA3WL JH8OCV K1ZJA K4EB K6RG OE1ALW UN1O	1731 JA9NUN JL1GYZ KR4W N2RR W6WA W9GXR WA9JWL	1723 AA4UC DL9OBY JA8EIA NA6JD VU2IBI	1714 DL5CL JA1VRU JR3VMJ K8JE LB7ZG N4PL N7KO
1758 K4QE KE4S KF2TI SM5GLC	1749 7L1CYC JA3UNA K2JL N1NU N6BM	1738 F5RQQ LU4FW N0STL	1730 JE3EDJ JR7HAN K5TIA WX6V	1722 IK2GPQ KG8CW M0IKW N1WQ	1713 HA7LW IZ5FSA ZS6UT
1757 JE3GNN JH4JLV JI2FBG JS1NDM SV1NJW	1748 DF7AP N7UVH OZ1ACB RM6B	1737 DL9EO JM1ESG K1DX VE3SKX W3ML	1729 DK4PE I7PXV JA2PTQ LA2GH XE1L	1721 DM3ZF EA2J W0PR	1712 K8SIA
1756 F6KOP G4FAL JK7LXU K5CR NE9R YL3DQ	1747 JA1ETN	1736 JA4GXS N7MB	1728 JH2AQI PB2A	1720 IZ6CST KK0DX N4XYZ	1711 HB9CQL W1KMA
1755 G3YBO G7SSE K5TR	1746 SM2DMU	1735 JA5DBE K7FL RN9CM RU6K W3FJ	1727 AG4Q IK7YTT IZ0MYH JA1KXT JE4CIL K4AR KR8T N7HN	1719 AE4CW G0BBB W6SFK WA2MBP	1710 JE1HPM JG3KCX KG4CUY KS0M W4GP
1754 JR7XOD VK2CA W8RV	1745 SM5ELV	1743 K0HD WA5NFC WB5NHL		1718 K6CF ND3F NX2X WA6TLA	1709 HB9HBZ JA7BME W8BLA WB6CJT

1708 IT9ZZO JA1SHE JH1SBE N8VV W5UHQ	VR2MY WB2RAJ 1699 HA2NA LA4YGA WA6G	K8OD N4WE W0AD W1UE W4LIA 1691 JK1WSH KE5FXE N6KK NS3L	JA3AVO N9LJX W8UQ 1683 VE7SZ W1JA W4JVN WA2UUK	K3SF 1674 JA1BNL KB1W KF1C ON6YH VU2LBW W1JQ XE1R	1667 4X6UU AE5B EC5A K9GS W9RXJ
1707 AB2RF K9RE N3PS SM5CSS	1698 HL4CCM K5PC KF7NN W8SAX	1690 DJ6NI N4FN W6RFF	1682 JA9RBZ K3MD K4MIJ WR2K	1673 EA7DUD JR2PZX NU4I WA6POZ WT3Q	1666 EA4UV F5CT JA1TD K7AWB OH2LHE W7IUO WI7P
1706 AC6HY AF4Z IK4DKO JA4MMO OZ3SM W9BP	1697 9A1R AC5AA AD5WB JH1IZR K9QJ KK9T WA4MIT	1689 JA6ENL K1AJ K9ARZ W4GMY	1681 JA1JYE JJ0NSL K9MUF KC2SST OK1DX RL3AW W4UEF WB6L WF1H YO3FGO	1672 K4WW W1FA WB4KTF	1665 JR4CZM N5PA SM2EJE UA0SC WA4MME
1705 K7GQ VU2CDP	1696 HB0WR IZ5YHD JM1JZN N0YY N4AOE RA0R W9GG WW8W	1688 AA0ZP K5MT	1680 W1MR	1671 AC0X W7QHE WA9BZW	1664 AD3C IK1MEG IQ2VA WE2N
1704 KF4ZZ N7FU W3UL W7FP	1695 JA1FUI JH3HGH KF4VTT LX1DA	1687 AA6NP EC6AAE JA7NLW N2LQ N3TR R6FFB W6GRV	1679 JA4IYL K9SO N7VPN	1670 F6DHI K0PC N4BAF	1663 GW4TSG HB9ERU IK0XIH J11MNT K3LR K8AO KX8G N0OK
1703 HK4L KO6KD NA2X W9ROG	1694 4X6GP K4KEW UA1ANA	1686 AA8SW AG3V F6DAM JO4JDU K6LRN LZ2HM NA4M	1678 9K2BM	1669 LZ3CB WA5NOM	1662 DL6UNF JR0EQQ N8NB
1702 JA0JPD JG3HBO JK1SQI KM9E W4MA	1693 EI9FVB R1QA W2GS	1685 4Z5IW K3XO VK6OZ W1OG	1676 JE1PHH K2RR PA9M PY6HD VE1VOX	1668 7K3QPL DL7UIO HA5LQ HB9BNQ JF3LGC JL6USD K2DC NE3H VA7KO W5HD W8NJR W9KVR WA1ZIC	1661 K7FEL RL2A TF4M
1701 CT3CD	1692 CT1ELF JA3KZV K0KP	1684 EW4C	1675 IV3AVQ	1660 AD4AA JA1XUY K0SRL	
1700 HB9VAB JA0ED JA1PBV KE5TD N9DR					

LA4WJ ZP5YW	NY1V VA2IG	1643 HB9HIT K4FX KK8MM PY2DV	1634 CT1BOY F4FLF F6GCP JA7MYQ JL3DGI JM1JIV N7RD US8UA	1627 EA4EPY G4NBS N8AGU VE4YH W0ZS W2RA WA4NUF	1618 AD4Z KF4MH UA0FDX W8WVM XE1YD YO9CEB
1659 AA6RE AJ8B OH1WR	1651 JA1FVE K7GA	1642 DL1EK OH1TSM W1HEO			
1658 DL2JIM I2EAY VE1JS VR2KW	1650 CT1AHU				1617 JG3KLF K0CF KM8AM WB2HJV
	1649 W0JW WD8KND	1641 DJ7JC JA4HXF K3WGR	1633 KI6X RA6AAW RW9SG VE3IQ W7JW	1626 W4AG	
1657 SM6AOU WA6EZV	1648 JA6BZA JA7OVC K9EXY N5MT	1640 K6XM KE6V N4XMX		1625 RV4LC W3OOU	1616 HK1X HK4EI I5FLN IT9IPQ JJ2VLY K1LEC LA7EIA W6OUL
1656 DK3QM F5BEG N2CQ UY2IZ W0KEU	1647 DL4UCS JA5QAH OE1PMU YV5KTM	1639 I5XFD JH2GZY JQ1YIW JR0AMD	1632 AA3TH KN7Y N1LID N4NR S51MA WF4G	1624 JR1WYW K5HK K8YE N8WRL UA9CNX	
1655 GW4MVA JA1HSF NF3R UA3AKI W0BBI W0JMP WF8R	1646 HL1AV IZ5EBL JO3WHB N0AMI YO3VU	1638 JA1NLX JF1AGB KR4BD LU1FAM N9TK	1631 JG1BKX K3DFL K6UNE K7CMR PT7DX SM5BNK SP5UAF	1623 IK2QEI W1OK W7CP	1615 JI1HNC K4OCE VU2MSA
1654 JE7RJS RN3OA SM4CTT W0MS	1645 DL1USB GM0VRP IK4HLO K2QB R7HF R9JX VE3MM W9MR	1637 DK3BK JA9RT JH2BNL KK9M KW1DX NA3F	1630 JR1CAD K7HC W5BK W6KGP	1622 KF4NEF NW7M VE6SH	1614 IK7HDY KT4AC LX1CW OK2ZA UA4PK W5WLA
1653 K8ZT/QRP KD3HN KU2C PT7YV	1644 EA4DB EA5HM JL1WQO JR7ILA KG5UZ W0BM WA3FRP	1636 NZ5O RN6AJ	1629 KW3W OT1A	1621 K2SD W6CUA	1613 IW5AB JA2ODB K1FT K5EWJ W7LGG
1652 GM3WIL K3WI KC6JAM KU4BP N4FY N4ZR		1635 AA4A JA1DCK N7GCO YP3A	1628 N4MEC N8GP NW4M SV1BYI VE1RGB VE1SK YE9BJM	1620 9A6ST I7LGM KC9FFV SM5OJH VE1JF W7YW WB4DNL	1612 DH3KM JE1CTA KM2E SV2CLJ YL2TD
				1619 DL5AVJ JH7IQQ ND7J W0SD	1611 G4FTC

IV3TMV JN1NOP K4CGY K6LPO W2UDT	1603 D2UY NP3CW W5NUT WT2P	1595 DK5HZ NU2Q	1587 JG1OWV KF2OG RO7T	1579 DL6GBM K2ZD NA1DX W9BS	JM3GXU
1610 JA1GVT JR1JGA LA2IR W2GFF WP3R	1602 K3VAR NO0B NY4I VR2XYL	1594 E74A JJ6WZS KD0AA SK0QO	1586 IZ8EKL K4GK SV8LMQ W7TSQ	1578 JH1AQN K4QD K7LY ZS1DX	1571 DK3PZ G4DYC HL5FBT JJ3FRB KX7DX N5VR
1609 JA1CCO JH1XFR ON6KE WJ2R	1601 KY9KYO SP4K	1593 HB9AAA JA3EEM K3GW W1ASB	1585 JF3SFU JR0RBY KE4SCY KN4JX KW4J N9DD W5SUM W8PI WB4CW	1577 JA4ICR JA7MNF JL1ELQ JM2QWQ K8DE W6HDG WS9W YV5AM	1570 JR3ADB K1KI K2WJ W9HP
1608 AA4FU EA5K I0KDF JA2CUS JF1MTV OZ1RE R3IS W5ZE	1600 JR5VHU K4AB KB2XJ W4QK W6BCQ WA1EHK	1592 DL5RDI KU2A VE7CV VR2XLN	1584 I1PLX KS4V N6WT	1576 EA1T JE2DJC K7CU W5WI	1569 CT1HHP JH2KMK K6BZS RL3BZ UA1TAN
1607 N9AKR ON6NR SM3DXC WB1EAZ WB6BFG	1599 KO8SCA	1591 F4WDL JA8ECS JF1WQC K5QR UT5URW W5VU	1583 JH3KAI K4WFM KJ5PQ KL7TS N5EE N6DHZ W5SJ	1575 DD3KF JA1NQU K7LFY UR4CWQ	1568 DL6DQW JA0CVC WA2BOT YO3GOD
1606 HB9GWJ IK8YFU K3KY W7VS	1598 CT1ELC IV3FFI IZ0ADG KB5UNX KI8L N4XX NW7US W7TUS	1590 JR3TOE K4KL SM5HJZ W8MIL WB7QXU	1582 F4GVO LA3PK LU2BA N0KK NZ6E W4UFO Z32ZM	1574 AB0RX JK1JAS N9CO NM9P PT2ADM RU3A W7/DL1UF WD5BJT YV4DYJ	1567 DK5JI IS0MVE IU8IYE
1605 SP5GQ V51YJ WF5E	1597 I8MTQ K3IE K6EGF W3OU W5RYA XE2MX	1589 AA3AZ F6FYD IZ4AIB JA2HNP KE9U KZ7N NK7Z	1581 JR4VMS KJ9X XE2YWH	1573 DL2HRT EA5ZR JF2JRD WA3GNW	1566 E77S N1KX N4MI
1604 KC8RP N9IO W6ZQ WB5STU	1596 AF4CD CT1ESO DK8IZ N8DUY N9JCS YO9FQT	1588 DL7UGO ER0FEO FM5CD KE3X N3ZOM	1580 F5LIW OE6CLD	1572 G4AYU	1565 JF1OSL JH7HIQ KE1B W0FG YB2TS
					1564 IK4TVP N6RFM UT6UA W4KK

1563 G1VDP IV3BSF W2DEN W4AEJ W4NBS W9QO	WW0E	1549 AC6BW DL3NSM IK0TUM IK7AGT JJ1JMZ K1CBK K5AC K8LO PY4AZ W9WO WA9DU	RZ6DX SM5ACQ UA6J VE6BMX	1536 DL5ZB EA5GHD IK4FNF N7JP W5FPT	JA9IWR JL3JRY S59SV VA7DX W1HS W5RZ
1562 IK5QPS YB0NFL	1555 EA4D IK0ZIO KA6A KK7YC VK3TC	1548 JG2CNZ KD4SN N2ZN SP7QHR W5MO	1542 JD1AMA MW0CBC N1EK W2GB	1535 AA5N JE1GGI K0IS UR5WIF W4UDH WA8A	1528 DS3EXX SP9TPZ ZL3AL
1561 E73W IN3EQZ JF3GFH JL1VAL K9CJM W8JA	1554 AA6K DL4MM KE9S N6VNI W0PE	1547 CE3BT IW2ETR JH2AYB K6QU N7OJ WA3GFM	1541 IK2RGT IK4YCQ JA1XPH JG1ULT W4NE	1534 DF2WF DJ2VO K2OP KM7DX SV1XV VA2LM W6JZ	1527 JA8EJZ K1EO N3AO R7LP WX0Z
1560 JH2HHJ K0NV K5RKS KG6D ND1Y UA1CKC	1553 HL3ERJ I8KHC JA9APM JP1SRG JR1AIB KE4BKL SV2BXA SV3KH W4CSW W7BQ	1546 JA0FLL JE1LPZ JK1MZT OZ2RH	1540 IW7EBE J68HZ K8LY KM4HQE N5OHL OZ1BXG	1533 9A0W JH2KXN K2CS KI7AO	1526 DS2BGV G4DXW JH1CML K8JJC UA9AGX
1559 JG1LFR JH0AHI ON4ACG W3IZ	1552 JA1MLY JH8JYV M0VAA NE0DX RA9SC WN7J WQ7B ZL3TE	1545 EA4DUT I2DMI JL3OUW K8DP	1539 HL4CBX HL4XM K6ME KC4HN KF9AF N5ID PY2RN VE2BWL	1532 HK3CW K8ROK OK1FMX UT2AB	1525 AC2G CT7AUK EW2DZ KE8G NU4B UT3UX VK8DR W8VI
1558 KI4TZ N6VS N8IL	1551 IK1ZOF JA0NPQ JA6GXP KD4POJ RD9U	1544 7L4VYK IZ6ERS JA2ACI KC4HW KS4XQ N6NR W7FI W7JET	1538 CU7AA JA4RED PY8WW	1531 VE7XT WS4C	1524 DJ7WG DL5KUT DM5JBN JE4FNC K0IL K6FM LY3BY N9LEO NV4A W3KHZ W8WM WR7Q
1557 7M4CLF OE3JAG VK3KE W1JGS W8BI YV5KAJ	1550 G8BCG JA8RRF N6EM W9LN WA4USA	1543 K4IE N5CQ	1537 AD5MD JH1RVQ KE7W N7TR RZ3EM VE3OTL W4OV W6DCK WW1V	1530 5T5PA I0NUM JA1DFK K7CMZ W3WST W7BEB WA8LRW	1523 EA3ESZ JJ1OKK
1556 JA6GMC N7TM R3DL RA3M WJ3A				1529 EA1P I1CMA IZ0FUW	

1522 CT7AUP DL2RD DL8DXF JA7GAP K4ZRJ KP3AH KP4AA NR0P SP3WKW UA9LAO WB2ZAB	K4PKM W0ANZ 1516 DJ6TF K0AU K4TXJ VE1DUN WB1DX WT9U 1515 9A3MA CU7MD DL1MDZ DL6NDW JG2LGM JG6MQI K5DB N1ZJ RK9UM W1XV W4PGM WA0WWW WB1AEL 1514 IW8CGX KJ4R M0TTB 1513 AB1J AG1I DL6DCD JA7BAL K8EB KA5V N9CDX R7IA UA3DK VE4EA VE7UF WA7HQD WQ1H 1512 EI8GS HB9FBM JH6WMJ NV1Q RA9LT UW2XW	VE7VF W1ZS W5FL W6GJB W6ZO W7VAS WA2MCR 1511 AD4ES DK8UH JA5JGY JP1GUW N1PM UU7JM 1510 DM3PYA N2YBB PY2OP TF3JB WN9O 1509 EA2AA K0VM KB8GAE KG5VK LA2DS N4SV R3BM UA9MC W1MJB W4REX YU3MAY 1508 DL0WW IK4DCX NN6K WV4V YL2EC 1507 EA7DAP N0VVV W0ELT W4WN 1506 CE3FZ DL1MEV I2YPY	K5DV K9AQ N6DNU N9AZZ WR2G 1505 JH3PAS NC2Y PP7LL WK9U ZS1C 1504 DL9DRA JA3PRM JK3NQV W4UAT WX0E 1503 IK0PCJ JQ1EST K8MN N4MIK SQ7FPH UT7EC WB0OQV YB0DJ 1502 JJ2NWI K6JJ K9LCR KB5HC KN7K N2PK NN2D YB4IR 1501 AA5TA HB9AGO HL2DBP JJ1DJW JR1SLU K2SHA K7PT K7STO KB1YNT KC9K KJ4YLO KU1T	N3ZP NK5B NR2C ON5GQ R0QA R2DO UA1OM W5DXQ WB9PNU WF7T YB0MWM 1500 AA4US AA8KY AE4AN DF8FT EA4TX EI3CTB I4KYO JA4DNC JF2SQB K0PX K1VI K4RDU K5EWS N1BZ N4ST N5VYS N5XJ N7QU NU0C OH3FVP OK8DD R5AK SM0HEV UT2VC VA7QI W4DTA W4HY W9PDS WA0JZK WJ0T WO5I WW7Q WY7FD YB1RUS YB1TQL YB4CHP YL2BR YO8CRU	1499 K5LY KF6A N7ZA SM5APS VE6TL 1498 K4AU KA2CYN ON4LG 1497 JR2IMJ K5YG 1496 E73M IK6ZDC JA8FKO JH1LAH SM2OTU W8LR 1495 JR1LZK ON7DR 1494 G4AFU KI4TWA N4KM W1GF 1493 IK5ZUK JA3CMD M0URX 1492 IZ0COK JA2QVP JE3PCP K5NOF WW8RT 1491 I8NHJ K0JN XE1ILI 1490 JA6HUG
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VE3QAA	W0OGH	LX2SM			NR0T
W4PG			1467	1456	
W5SWV	1482	1474	K8LN	K4RW	1447
1489	DL3IAC	AA5TL		LU2AH	AF3X
F9CI	I0GKP	W2GDJ	1466	PB9FN	IK0WMJ
JQ1PCX	NG0G		EI4CF	W1EBM	JA1PVX
JR2BJE		1473	JA3MIO	W5MF	K9KDS
K1EDG	1481	DL0AVH	N9OY	W5RDW	KC2STA
N6YEU	DL4FCJ	K2HT	UA7T		KO4PRE
N8OQ	KC5PL	KT8O	W3DQS	1455	WA3GM
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WB8IZM	W2TX	NX4TT	1465	ES1FB	
	WB1ASL	VA7DXX	AB9M	JH1XXB	1446
		W9NJY	DL2RPN	K2KIB	DS4NPL
1488	1480		IW4CIL	N9MB	IU0ICA
CU2CE	AA1M	1472	K5YU	UT5IP	JA1BON
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KC4GL	K0XN	IK3GBG	N4UFP		KH6U
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	VE3TKI	N6AWD	1463		
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LA8WG	ZL3PAH	W4WG	JH6RTO	KD2SC	DL1QQ
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N5UE	1479	1471	W5LUA	WA4TII	KJ4UZU
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W4PGC	JJ1KXB	EI4BZ		1452	OZ9XU
	VA3AYA		1462	EC7B	
1486	VE3UTT	1470	AL7LO	KB4CRT	1444
DF7FC	W0YK	IZ8DUD	DJ1OJ	KB7V	DL2MIH
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N7JB	YL2CZ	KF0RQ	JA7DPC		JA0BOV
N8XI		WS1F	JG1LRE	1451	JR4ABB
W7HUY	1478	YO3IPR	TF3VS	JA2XLV	K1KNJ
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1485	AJ4F		WB3BFC	KU9S	W4QG
DF9HI	K7QBO	1469			W5FK
DM9EE		AK7O	1461	1450	W6SIY
HP3TA	1477	DL8DWL	K6KR	DJ5DT	
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	K0BRO	K8AJK		K2QMF	IC8TEM
1484	W0IKD	K9DY	1460	K5OVC	JA1ERB
DL4FDM	WB1S	KE5BR	N6VH	KI2D	N5DT
IK7YCE		SM6WET		KT8D	PV8DX
K0MFI	1476	XE1MW	1459	W4TUN	TF3Y
LA9VBA	E70A		HA5UK	W6FEL	W8TM
	JK1EBA	1468	K8JRK		
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4X1RU	N2BI	DL5CT		DM5EM	EA1AZ
JA3WMS		DL6RA	1457	IW5EIJ	K3VPZ
JE2VFX	1475	N9LQ	IK5EKB	KP4DS	K4NC
RU3UN	G0SYP	W1FC	K2CYS	KQ5M	KO4PY

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	1426 9H1EJ K0YL	1419 A92AA JH6WHN JR6DM LA9PJA	1411 AI9U	1402 5Q2J I2KBD JA0HWF UA0SE	1394 JH2MYN PY2DY
			1410 NS4X VU3CAU		
			1409 JH1HLC N1RP W1PR		

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	W1GY	UA1CEI	EI5KO	JA2CGH	7L2QAD
1393			JH8LEY	K1LTJ	IK6RFQ
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NB3R	8P6SH	IK8OZV	K4JPD	W7PAQ	K4RM
	DJ8KM	KC1ERO	K6JW	W9GE	K5CQT
1392	K6VV	PV8ABC	N2DXJ	WA8LOW	W9ZT
EA1BLA	K8WVA	W4DN	SM2LKW		
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VE3CX	N4QM	W5AAJ		9A3NM	IK2GOQ
WQ8T	W6BBS	WD4IKI	1370	DJ8SN	JA7OBO
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ZS6IR		1376	KP3V	JA9CGW	K5HTE
	1384	EA2BFM		NX1P	K9SUH
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IV3DXW	JK1LUY	JA2LHG	K8ZR	TA1AL	
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K7VV	SV1IXK	NA2R		1362	HA5KfV
NI5G	UN7BK	ND7K	1368	DL2TOS	HL3EHK
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VK2GR		RA3CO	PA5A	K3SUI	KI7HO
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	J11DMH	IZ7GXB		R3BB	F5MZE
1390	K4DET	JA7SFD	1367	UR9IDX	IT9JPS
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N8II	WA0PFZ	NI4Y	SV2DSJ	KM4A	W4WX
		OV5O	W6ZPL	KM4VJW	W8SET
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I5YDO	HB9ESS	DJ9SO	1366	OH6OK	1353
K5LC	NR4M	K5TU	AE0MO	TA6N	HB9EXQ
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N0TR		W9VQ	JA2KQE	1360	W3DVY
ON4CCN	1381		K8GWU	JA6FEG	
	DK3TL	1373	PY2HH	J11QIO	1352
1388	JA2LWD	K1TWF		RU3UR	K2CDJ
CT7ANG	KK4XL	KO6LU	1365		KA1API
KD1AB	W8SP	N7WI	G3KAF	1359	KA3CRC
KG4USN		TF5B	HA5OLA	K1XE	NC4AA
	1380	W2PS	HB9ODP	K8MRT	S57AL
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JF1KML	W4DWS		OE7FMJ	WA1NXC	WS4H
		1372	ZL1ANH		
1386	1379	AB6Z		1358	1351
DL2VWR	I5GKS	AC4BT	1364	EA8TK	KD5R
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KE4FW	N0IW	XE2B	G4ZWY		AG6HE
N7TP	N5HC		JA1PLL		EU7X

EW4A	1343	1337	RW4WD	NA5YO	JH1CTV
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KK8X	K1OR	1336	EA4S	AK9B	
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	W6HYI	JA7FVA	K3LA	WO7V	AB2DP
1349		VU3WEW	N2MEE		EI7GY
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	HK6P	DM1HR		IT9CMU	K4IU
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AK3E	K9BO	SV1CIB	KE4WI	JA9FO	
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	WB2GOK	1334		K2OO	K4JUJ
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K8VD	JS2GFA	W5TFW		HK3CQ	AC0W
OH3PYY	R9HBF	W5WS	1327	K4LQ	G4IDL
	W4UT	WW1L	BX5AA	K4NST	VK5CE
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	KB0EL	YO3HOT		K3JM	JH2PWM
1345	W4TE		1326	NG9J	K4ZA
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R7FF	1339	DJ6BN	JE7JZT		TF8GX
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	KM5VI	KA3GWD	1325	EA1EA	N0ACH
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K9HQM	1338		SM5AKS	ZS2I	W4PV
LU2JCW	HA7GN	1331	W3NRJ		
N5KA	K5MO	G4DDL		1318	1311
PY2ADR	KD4OS	HB9TKB	1324	K0HQW	I4UUL
VE3TM	SM2HWG	JA3KWZ	HI8CJ		VA7XX
WA8VSJ		JL1BTJ	J11JPJ	1317	W2GR
WX2CX		RA3SD	KI7M	EA1KE	W4HM

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		1290 BG8PA DJ2UU EI3ISB K9JP UA1CGS VR2VAZ WB2UFF	1282 A71EM EA1K JL1IHE JR2BYJ K9MX	1276 F5TMJ I2LXA NY6C NZ0O WB8RFB	1267 G3PLP JA4HDO
				1275 JA3UOQ	

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K4ZMV			I2XIP	W2OSR	JH0LME
OK1ADM	1260	1253	N0VD		K4LRX
W2XX	IK2GAJ	EA4XT	W1ECS	1239	K6RR
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	K8OS	PY5VC		N7TW	1233
1266	K9GY		1245	N9EAJ	DL4HRM
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K1TU	WC6Y	AB9KZ	K2SZ	W4MPY	JR3MTO
K4ZNC		K0KO	K6EI		KA9UVY
KB2S	1259	K2RNY	KH6XT	1238	KC9WPS
NG4C	DF3FJ	KB4KBS	KQ5U	4X1VF	SA3CAT
RU3U	G3HSR	LU5FCI	N7RP	AD8NQ	
US5CB	JA6SQR	MU0GSY	VA3NXM	DL7BO	1232
	K0RAR	SM4BNZ	W0CK	LZ1XL	JE4RAL
1265	LA6ZFA		W4ARK	VR2PX	JS2KWL
JH8NQV	N0SL	1251		VU2TMP	K3CWF
NN9X	OK1MBW	EA1WX	1244	W6PG	SM6CGI
	UZ1WW	HL4RBR	A65BD	WA5SOG	WB6AXD
1264		K2GLS	AA5B	WC4V	
DL7AA	1258	S51AD	AA7X		1231
HB9HHH	F4CPF	UA2CZ	IZ2MHT	1237	G3YSX
HB9Q	JA2CPD	VE3VV	NN7X	EU4T	IK8PGE
IW2BZY	JF7RJM	W8LIG		IZ2USP	JA1PLT
JP1EWY		XE2AU	1243	KC4PX	KJ5Y
K0UU	1257		F4GTB	KR0O	LB8OH
K8CR	4Z5FL	1250	IK2LOL	N8RF	W2FKF
N5FEE	IK5SRF	AA6XV	IZ4ORF	PY2AB	
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WG9L	IT9VDQ	JH0AKV	K8RCT		DJ4DN
WO4D	JA7DOT	KB8U	KD3UY	1236	JA1QOQ
	K1GND	R4FAN	WA7RLL	EI5GM	JA4OPW
1263	S50N	SM3CZS		JA1UBZ	K0ZR
HB9FAN	S51DV	WB9ZNZ	1242	JA6MWW	KX9X
JR2HRR			G6GA	K4EQ	N9QQK
R6MO	1256	1249	JA8DBU	KV7N	SP7MOC
YO2BS	K1WNT	JA4CSJ	JK2VOC	N8KU	W2IZN
	VE3PJ	KK6T	W1MRH	OM0AST	WA2C
1262			W4AVY	R2AB	
7J1ABD	1255	1248	WA8Y		1229
G6AD	JG1AID	NZ0T		1235	EA1AHA
IC8SQS	JH1SWD	SV3RKM	1241	EW7A	JA1IFD
JF1CPH	JH4VDP	W8MRL	JA0AVS	JJ2EMF	K3PH
M3DFW	NE5W		JH4CPC	K9AAN	K4MQ
NR8Z	W3HER	1247	JL3JTD	NC7M	LA7QI
W0UVC	W4EJG	AA0FT	K1JX	W6IZT	N0FCD
		JF1MUI	K5NV*	W8QXR	N7TK
1261	1254	N6ORB	VE7VZ	W8YV	W3JXP
IK5BSC	EW1LM	UA6XT			WA3IIA
JA1IHD	KE5MMT		1240		
			AF2D		

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1225 AK4PR DL6WT	1217 EA5IAG N5OP VK7ZE W0VD YB0EIN	1210 G0FWX JA4ONP JL4BSE LA1CO N6XG	1202 IK2ULM IW4EII JE7LHT K2RSK N8WD WP4CQ	1196 DL1ECG EW3CW GM5YTT JA6WIF JE2RBK JK1BIB W3ATV W4CIR WA8IQF WB4M	1191 DL8OK LU9DO NZ3M OZ9GA W0SA W7VP
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					1116 DJ7AO F5JGA IT9ABN IZ4COT JA4OIJ JA8ALB JG2KKG

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	JR1KEI	WB5TOI	F5VHJ	8P6ET	N9AI
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KG6WIK	1109	OZ6TL	KK4ODQ	LU1FM	
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1111	1105	K7PTC		KM4GZI	NN8L
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	JN1RFY	WA5YNB	TA2AD	JA8AWR	
	LB8CA	XE3E	W0QL	JI2UDK	

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		1069 N0HJZ UA9UX W4GV W4HPW YU1NR	1063 JF7PHE KB3MXK NR3Z VE6PL W5CJF	1057 JA5IBP	1051 AK0MR G3VXJ K9JJR K9NS KB0FHP

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G3AKU		K1QQ	WF5W	W9KM	JA1CCG
G3WKL	1014	K4EZY	XE1SAX	WA3KVN	JA5RVN
I8DKR	DK6CQ	K7UPJ		WE3J	JN1SUT
JE6PJP	DL9QJ	KA9JAC	1006		K3ORC
JH8UGL	EA9LZ	KN4WOJ	DJ9KV	1003	K6DLB
JJ0PJD	K1NOX	N2BEG	G3YBY	DF5BX	KB7AZ
JL2ULM	KF0NYM	WI0E	JK1OTP	E29TGW	KB8YTD
KB1AWM	KG5EG	WQ5N	K2KN	EU1TT	KF0QS
NX3A	NW8F		K5AR	IK1RLI	KG4URP
P40P	PT2CSM	1009	KB5WWW	JL1EEI	KO3F
	UT3KW	9M8DEN	KF5BA	KG5NP	LA8IB
1018	W7SMW	IZ7QSS	N5KDV	LA4HC	N3AS
DK1NAL	WB2MKX	JE4MHL	NH6Y	N1BRL	N3DD
K4HR		JL1KBS	OH4KRN	NC3O	N9ATD
K8UHL	1013	K4DXA	PV8RR	NK2H	PJ4/NA2AA
KO4IBL	AF6O	K5WL	RW4NJ	OK2MDC	PY2RF
N3BK	HB9RE	N1XL	W1WSF	RA0AM	VA2KI
N3GTG	JK1DDQ	N2IFA	W7RJR	W6ELI	VE3FK
NL8F	K5HX	R3TKM	WB3LTT	WA8COB	W2/F2YS
OZ4RT	KA5IAU	WD9FLI			W7GTF
R3LC	N9MSG	WM5DX	1005	1002	W9MB
VR2CO	NA6XX		DJ3CJ	7L1UVF	WM6Q
W4LLP	PY2YW	1008	DL8XDA	AE4S	WV8EDU
	R7KW	9A1CZZ	FM5FJ	AK0A	YE4FSB
1017	VR2CC	EI2IP	GI4SJQ	HB9FKK	YL2CP
IZ0COI	W7GES	HB9MZI	JN3XEZ	I0ZYA	
JA1GLE		JG4GZK	JP7WJA	IN3FCK	1000
JA3ALY	1012	K9CHP	K5FO	JE4XCQ	AA4IB
K6VWE	HB9WDF	KL7XO	KR9A	JJ1HLL	AB4BJ

AD5ZA	PA5X
AI1W	PP6ZZ
AI6P	PV8AAS
AJ6X	RA5C
DB9CR	RM6LW
DL1DV	RT3I
E25KAE	UA3DUJ
EA3AGY	VA3EJN
EA3HPX	VK7AP
EA4EQD	VU2MB
HB9ARK	W3ENM
HB9CAT	W5GOL
HI3I	W7GF
HS8KAY	W8GJK
IK6TOT	WI2E
IK8NIM	YB2TJV
JA0RWF	YO5QAW
JA1VZO	
JA1WIO	
JA2KAK	
JA9KA	
JE2DOD	
JF3KOA	
JG1EBU	
JG1TFC	
JH4MJO	
JK8VMB	
K0AL	
K2RAS	
K7LOL	
K9DUR	
KA5JSM	
KA6RWL	
KB3HHA	
KB7PKC	
KD0BQS	
KG4OJT	
KW1X	
KZ5D	
LA9DL	
N2YU	
N4GRC	
N4LS	
N4PAJ	
N8BK	
N8YO	
N9APK	
N9NFT	
NA9J	
NG4DX	
NT4TN	
OH7HM	
ON5UJ	