

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 10 Jun 2023, 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.

3271 EA8AK	W4DR	3177 KJ9I N1DG	3156 JA4DND	3137 JH4UYB	3117 I0WDX VE3EJ
3266 HA0DU	3201 K4PI	3176 K5UR YU1FW	3154 IK4DRY	3135 NN4T	3116 CT1EKY EY8MM
3245 LZ2DF SP5EWY	3197 UX0UN	3172 IK4MGP	3152 GM3POI	3134 K4CIA	3115 PY2XB
3239 I4EAT*	3194 IK4WMA JR2KDN	3171 IK1GPG	3151 K5RK	3132 9A2AA IK4GME N4CC	3113 IK8HJC
3232 JA1BK	3191 PE5T	3169 OH1XX W3LPL	3150 I4EWH SM3GSK	3130 SP3E	3111 GM3YTS SM5CEU
3231 DF3CB	3190 OH2BU	3167 K5NA*	3149 G3KMA	3127 PA3FQA UT5UGR	3110 DL7VEE
3229 CT1EEB	3189 OH3SR	3166 G4BWP	3148 OE6IMD	3126 CT1APE	3108 K9QVB SM3EVR
3223 OZ1LO	3188 EA6SX	3165 JH4IFF	3146 WB9Z	3125 JF2MBF	3106 N2QT VA3DX
3222 UT7QF	3186 K8MFO	3163 I4AVG SM0AJU	3145 JA4LKB UR0MC	3122 9A7V SP3EPK	3104 OE3GCU
3217 4X4DK	3182 W1NG	3162 G0JHC N3XX	3139 JA3FYC	3120 I2AOX JA5AUC W3YX	3103 N8DX SM6CMU
3205 S50A	3179 W1JR	3162 G0JHC N3XX	3138 DJ2BW* JA5EXW K2TQC OZ1BTE	3119 OK3GU S58T	3102 HB9BGV S59Z
3203 DJ9KG	3178 F6BK1 W3UR	3158 DL4MCF			
3202 DJ6RX					

SP2FAX	3074 K4DY	3058 GM0GAV SP5CJQ	3035 K4XP K9CT	3019 UT9FJ	3002 UT7UJ
3101 JQ3DUE PA0WRS	3073 JE6KYA ON4AOI W0BV	3057 IZ1ANU	3033 N2LT	3018 JA3EMU	3001 G3SJX US4EX
3100 IZ0AEG SV8CS	3072 AA1V DF4PL	3055 K4MQG SP9DWT	3032 UY5ZZ	3016 AG9S OE2VEL W3CC	3000 HA8IE N0AT OK6DJ SM5KNV
3099 DF3GY LY2IJ	3071 SL0ZG	3052 JA2VPO OH1MA WD5COV	3031 N2TK	3014 EA6NB K5DU S51DI UA4HBW UT5JAJ	2999 N6AR R4GM
3093 JR3IIR W7UT	3070 IK5HHA JH1GZE	3051 KD5M	3030 G3ZSS JR6EZE W9RPM		2998 DJ8NK K4UTE N4RJ
3088 G4CCZ N0TB	3069 G3XTT SP7VC	3050 VE1YX	3029 W4TO	3012 KW9A	
3086 I5NPH	3068 N0XA ON4IQ W8UVZ	3047 G4PWA YO3APJ	3028 DJ2YA G0DQS G3TXF SV1RK T77C YO5BRZ	3011 SP8NR	2996 W4VQ
3085 DK5PR		3044 N9IW		3010 JA5AQC JA5MHD OE1WEU	2995 UA4CC
3084 SM3NRY	3067 SM5AQD W4DXX	3043 DK5WL IK6DLK	3025 I4LCK N4CH UX1UA	3009 JA2FBY N4BAA SM4DHF	2993 SM6CCO SP7GAQ
3082 SV1FJA	3066 NJ6P	3042 JA1HGY SP6CIK W2YC W5ZN	3024 DL5DSM F6BEE OE6MDF SM5DJZ* YO9HP	3008 IZ4BEZ JA2JW RW2A	2992 DJ4AX DL7MAE
3081 9A2EU	3064 JA2JPA	3041 IK6FWJ JH2FXK N8RR W5OZI			2987 F6EXV N4MM
3080 9A1CCY	3063 IK4CIE		3023 JA1UQP VK4MA	3007 JA0DAI	2986 K2FF N4KG* W3DF
3079 OG2M UT3UA	3062 OH1ND	3039 WK3N	3022 AA6YQ OE5KE	3005 HA5WA R7LV	2984 K4QL
3078 AA7A N3SL	3061 NR1R	3038 W4PK	3021 SP1S	3004 EA1DR IV3JVJ	2982 K5KC
3075 EA5BM JG3QZN KF2O SP9FKQ*	3060 F6AOJ HB9BIN	3037 K1CP		3003 9A5CY DL1AMQ	2981 DL2OE

2980 HB9AMO JJ2LPV N4XM	2965 K3FN	2949 IK4DRR N7RT	SP3CFM	2916 EA3GP	2903 I8IGS IK5MEN K2PLF* N4II OH3BU
2979 UT7UW	2964 JJ3PRT	2948 JF3KON OK1MP SP3RBG*	2934 KX4R	2915 RA3DX W5XX	
2978 K8PT	2963 K1HTV		2932 W1GL	2914 UA3AB	2902 JA2IVK K3KO*
2977 AA4V K5ESW	2962 W1YY YV1DIG	2947 AA1QD W3GH*	2931 K5BG W7AO	2913 OE8RT ON4CD	2900 9A2F DK1FW EU7A W3KX W6UB
2976 K8SIX	2961 5B4AGN G4OBK IK2YCW	2946 I5KKW	2929 N3NT	2912 JH1IFS	
2975 EI7BA F5II JR7VHZ VE3XN	2959 UA3AKO	2945 RZ3AM W9IXX	2928 DJ4PI JA2FJP RA7A	2911 EA4KD MD0CCE W3LL	2899 K4UEE W1CU
2974 JA7QVI OZ3PZ	2958 JA7MSQ SP5DIR	2944 DJ0MDR F6DAY NI0G	2926 JH1HGC RA3CQ SP3DV UA4CR VE2TZT	2910 K4XO OE5NNN	2897 IK6SNR K4SV OZ1CTK
2973 OH2BCK	2957 W4UM	2943 JA2DPC	2925 HA5AGS N5AW	2909 F2JD JA0GJJ	2896 K5XI KG7H
2972 JR3GWZ	2956 UX0FF	2941 K1ZZ N4JF	2923 K2UO N9US	2908 HA1RW RW5C YU3AA	2895 JA0EOK
2971 N2WK	2955 K4IQJ US5WE	2940 JA6BZI JH2UVL	2922 W0VTT	2907 DL1EJA K5EJ SM6CNN	2894 K2UU K4HB RJ3AA W18A
2970 PY2BW	2954 K0KX K9EL N8PR SP8AJK	2938 HB9RG K0EU N5ZM OZ8BZ UA6A W6XA	2920 IK5ACO JG1ULJ	2906 HB9BZA K1ST UA3TCJ WB6RSE	2893 W8AV
2968 F5NBU K0IEA	2953 NO8D	2937 JA0FSB K5EK	2919 DL1DUL K9NU		2892 DJ5FI DK2LO JH1TWT N4NX
2967 JA2WYN	2951 JH0INP JH4ADV KY7M	2936 JA2JNA	2918 JA3PIS	2905 CT4NH W1TSP	
2966 CT1IUA N5KD N6JV WX4G	2950 K4SO		2917 9A2NO K0SR K4MWB	2904 EA5RM JA9CHI	2891 JL1SAM W0MHK YO7LCB

2889 JR4OZR	2869 EA3JL EA5BY	2856 K9NW	2843 W8GC	K2VV K9EU RA4CC	2820 JA7JWF JF1WPB
2888 N8JV VE3LYC	IZ1BII JA2XYO SP6HEQ	2855 N2NL OE1ZL	2841 W4FC	UA3AP VE3EXY	K8ZTT KG4W W8OI
2885 K9ZO KA9CFD	2868 K1UO N8BM	2854 N4DB RV3LO	2840 EA1DFP NK1K	2829 AB4IQ	2819 LA7JO W5TCX
2884 JF1PUW K9RX	2867 JA1XEC S54E	2853 JA0CRI JA1EOD RW0LT	2839 IZ8FFA JI4POR	2828 OK2ZU	2818 I6FLD JA9APS JE2URF
2883 OZ4O S53R	2866 JN7FAH KN4F OM3DX RY9C	2851 K3UL	2838 AB3CV KC6AWX* LA5IIA W1DIG	2827 DJ9HX IK0MHR R5AJ	2817 AI9L S52F W2SM
2882 OE2LCM UX4UA*	2865 EA6VQ UA3DPM W1RM	2850 IV3YYK JF8QNF OZ1AXG	2837 DL6ATM VE1DX W9OP	2826 AA4HP N2TU N5DG VE3FF W9RN	2815 9H1SP SV1DPI
2880 W2IRT	2864 A45XR	2849 9A3SM IK7NXM K4CN RY7G	2836 N4PQX	2825 DL4CF JA1ANR K5XX OH5VT	2814 CT1FMX JA2BDR OH2BLD
2879 FK8CP G3LZQ JA5IU N5TY	2863 AD5A DJ5AV	2848 K4ZYU N4QS N5UR	2835 UA1OIZ	2824 AB6QM K3WA KF0QR RZ3DX	2811 K0DEQ
2877 SM3VAC UX1AA	2862 K3WW OK1CF R3AW SM5CZQ	2847 LA5HE	2834 IW1ARB R7FK* R7NW SM3NXS	2823 JA2ZL JA4FKX JA4MRL ZS4TX	2810 DK3DG
2876 I3BUI SM6CTQ	2860 JA8EAT PY5HOT	2846 IK1YED R7DX UR5WA	2833 AA1ON SM4EMO	2822 N8TR	2809 DL6KR JA1SJV JE2LUN
2875 IV3ODE	2859 HL3IUA	2845 PY5EW R9FM W3NO WA4FFW	2832 K5ZK	2821 I1EIS JA6LCJ JO1WKO N4AH UA0ZC	2808 9A8A LZ2JE OH1TV
2874 RU3FM	2858 RZ1OA SM6DHU	2844 UA4LY	2831 JA0UUA JA9LJS PY5EG WB4OSS	2820 G3SNN JS2LHI	
2872 K1AR K4HGX	2857 UA6MF		2830 IK6GPZ IZ1LBG		

2805 5B4MF JF4VZT K6TA	2792 SM0CCM	2779 NI6T	2763 WP4U	2749 9A2JK	2734 JA1DUH N8DJX
2804 VA5DX WA7NB	2791 AC4G EA1N VE7IG*	2777 DK5AD KC7V RL9F W0YG W6SR	2762 9A1HBC DJ9VA JA7KY JA9RRH JE1SYN N4HU UT2UB VE3BW	2748 IF9ZWA JN1BMX W6RLL	2732 UT8IO W7OM
2803 EA3WD K1OA	2790 SV1AVD	2776 JI2KXK K7NN K8GG W7DO	2761 JL1RUC	2747 N6ET	2730 SM5JE*
2802 EA1YO	2789 IK1WGX IK4HLU N9AU			2746 KP2A UY5AA	2729 DK2JX G4PTJ K5UO
2801 DK2NG JO7WXN K9YY WA2VYA	2788 N5ORT	2775 WA5VGI	2759 ZS6EZ	2745 HB9DHK W2LK	2728 JJ3HGJ
2800 4Z5CX JA1ADT LA7AFA SP3CGK	2787 I4MKN IZ5DKJ JA3RAR KN5O W9MU	2774 JH3VNC	2758 DL5WW JE8BKW PY2SP	2744 DK6WA RA3XDX	2727 IU7QBB JA3AZD
2798 CT1ILT E72A SP7HOV SV1JG	2786 HK3W	2773 SP1MGM	2756 JL1UXH RV3FT	2743 JH4JNG W1FJ	2726 RX4HZ
2797 KV7K OH3JR	2785 IK5DNF K5KLA LA4GHA W4DKS	2772 K6FG	2755 DL5AN JH1NYM SP6CES WB9CIF	2742 AA5AM DL5ME	2725 JA4PXC LA7HJA N0AV R3VA
2796 JS3CTQ	2784 JA1SYY K5AQ W7KNT	2771 JR3OEH K2CL UA3AGW	2754 K6ND KC9ARR	2741 DF6PB JA1KQX	2724 JA3FGJ PY2YP
2795 N4DW NY0V	2783 N5FG	2770 IK2QPR JF2XGF W1ECT	2752 SM4DDE	2740 VA2WA	2723 JF0EHX PA3C R7AA
2794 HB9DDO W2LO	2782 K7ZV SM6BZV	2768 W6OAT	2751 DM5EE UA4HAU UN5J	2739 K3WC	2722 HB9ALO K6KLY N5XZ RU3QR
2793 RA3DA	2781 RN3QN	2766 HA7TM WA2WSX	2750 JF2UPM JH1ECG JR3VXR K6XT	2738 IK0PEA	2721 DL9GFB I7CSB
	2780 N7US	2765 W5XC		2737 JA3GN K0JGH	2720 UX3IW

2719 F5CQ RD3K W6YI	2705 IK0FUX IW0HEX	2695 W5FKX	2680 K1NU N7RO UA3LAR	2667 W5CIA	US0KW
2718 AG4W HA9PP JA8DNV K1BD OE6DK SV1CNS	2704 K0JUH K5MC	2694 UA9FAR	2679 JA6WJL	2665 IK4ADE N2BJ WA8WV	2654 JA6CRP JE1FQV K7PI K9US SP6DNZ W8DCH
2716 WB4TDH	2703 DL1YD I1FQH K8EUR KA1R SP2BMX	2693 W0AW	2678 DF2IS K6AM	2664 AA5C NQ1K	2653 F5PAC IK0FVC JA3APL
2715 DF2UU	2702 JR1XIS KB0EO	2692 EA7TV	2677 UR5MID W4BP	2663 G4GIR OE4PWW WB3AVN	2652 AF9H K0JY LA8PT SK3PY UT5EL W5LT
2714 JI8DGO RA3QK	2701 HB9AUS JA5WIZ JH3CUL OE3EVA R6AF W1MK	2691 KK2I	2676 UN6T	2662 I4KDJ JE2OVG	2651 EA2IA YS1RR
2713 HB9HFN SM2OAN UA0CW	2700 4Z5MU DJ9ON DJ9ZB DL7BA G5LP IK4PLW JA6VQA RA9CMO	2690 OE1AZS ON4GG SP7ITB SV1BTK W1SKU	2675 9A2NA JR2LJO	2661 F4BKV K4SE W1YM	2650 K5RT N9LB W5ADD
2712 F6HDH	2689 JE1LFX K8AC W2KKZ W6VX W9AJ	2688 PA3EWP	2674 N9FN	2660 DJ4XA RM0F RW4NN UT7UV	2648 JF7XKY UA3TT
2710 ON4IZ	2687 W3AP W9XY WE7K	2685 HB0CC K3RA WA2HZO	2673 HB9DDZ IW0SAF JA2VQF W0DJC W9NGA	2659 K8BCK KZ4V	2647 KS1J
2709 JA8RJE R9TO	2699 IZ8XQC K8WK RA0FF UT4MF YU1CC	2684 AB9V DF2RG	2672 G3VKW	2658 N7KA ON4ON UW2ZM W4QN	2645 JA1SVP SM5FUG
2708 CT1BH JA2KVD	2698 KZ2I	2683 PY4OY	2671 I0DJV* JE7JDL	2657 N3MN NS4C W8HW	2644 9A4T VE6WQ
2707 AD1C DM2DXA G0BLB K3PA	2697 KJ3L	2681 WE9R	2670 DL3ZA F6FXU W0FLS YL2MU	2656 G4IRN	2642 OE5FIN SP9RCL
2706 DK0PM K1DG	2696 W0UO		2669 SP6M	2655 HB9LCW JH7XRG	2641 K8TL

OE1WHC	KF8UN	2616 GOOIL	2605 9A4W JA4ITW	K9MM	2581 K8YTO W9YSX
2640 AD5Q DL6ZXG IV3RAV JA4OK	2627 G3WPH K2SHZ	2615 CT1BOL DL5CW NS6C	2604 JA1GHH	2593 JM1FHL K1RO K4XD W2YJ	2579 KM1D N1SV
2639 RW3RN	2626 EA7R IZ8VYU K1GG	2614 DL1DA IK0XBX JA1WSX JR1BAS K8NVR	2603 I5ZGQ JE3GRQ K4XI W5AJ	2592 HB9SLO JK1OPL K2LS K7WP LB8DC N1NK	2578 K5LJ SP9ODY SP9UPH W6NWS
2638 JA2CXF RW3XZ SV3DCX	2625 G3SVD	2613 KK9DX	2602 DL2KQ JA2LCP JA7JI JR7BDQ	2591 IK8YTA	2577 IK5BAF IZ8DFO K3JGJ VE3MWX W2PK WB8ZRL
2637 UA0FZ	2624 DF9ZW IT9DSZ JA2AHH R5DT SM0NJO	2612 AH7C DL1DUO K4TT N5GH	2601 JA0IXW JR2UBS	2590 LA3WAA RA1QD RW7M	2576 JF6WTY SP9QMP* W0EWM*
2636 EA5GPQ K1LPS K8VFX N8KOL SM6CUK WJ4T*	2623 JR6FC N9RS	2611 JA1XCZ OH9MDV W7CT	2600 DL6MRS EC3A JA2ATE JH8RZJ K2EP KB8VAO W4OX W7WM	2589 EA8AKN JQ6RUP JR1GJP K1LD K9XD	2575 CT1GFK HA1RB N3KK RU6B
2635 IK4BHO JA9FPI SP9JZU	2622 RZ4FO UR5EDX W4FQT	2610 JA9TWN JF1UVJ NF9V NX7U	2598 JA7MFL JM1XCW K5WK	2588 AA9A N2TN	2574 W6XK
2634 I5HOR S57AC W9ILY	2621 KD6WW W4WM	2609 ND0N WD8JJA	2597 JA2TBS JI1DHY	2587 DK8MCT IT9ELD JA7MA	2573 JK1KSB SP8FNA
2633 K6GXO NU8Z	2620 AA5AU AJ3K EW2A	2608 JA2EPW JA7MOL K6YUI VK3QI	2596 K0KVR K8IU	2585 OM4EX RK4FD RW0CF	2572 SK0TM ZS1LS
2631 9A1CAL K0CA RX3AGD	2619 JH6QFJ LA9AJA N6ED	2607 KU0A	2595 GM3PPE JA3APU K4WS	2583 G0BNR WB5JID	2571 JE2LPC K0KT
2630 K8GI NT0V*	2618 K9IR W2QO	2606 JH1HHC MM0EAX WA1JMP	2594 IT9PKO	2582 G3NDC	2570 JA1CLW OK2QA RA1QY W3GQ
2628 4Z4DX JA7IC	2617 LA5LJA S52OT				

W6PJ	2558 DL9MRF K6SIK SM6BGG WB9EEE	2548 IK5RUN IV3IZU IW2FND K4JJW OH2ZZ SP1JRF W7BEM	HB9TKS K7BG	LA5YJ	2514 AE5E G3TTJ JM1CYJ R9SA SV3FUP
2569 PA1CW RU6L			2539 WC5N	2524 JH1EEB N5LZ	
2568 JA5XAE	2557 JA8EJO JN1GTG		2538 SV1LK WA0MHJ	2523 G8DX K9JF	2513 9A2X WX0V
2567 OH2FT	KQ8M S55DX	2547 YV5JBI		2522 K1HT W1TC WX2S	2512 IK8EPC IZ5JMZ N8PW OZ1ADL RV9CX UT7UU
2566 KG9N N1IBM W2JU	2556 DK2GZ DL1KUR PA5TT WN6W	2546 JA4LXY K1DT W7MO XE1KK	2537 DL3OH PY2XU		
			2536 K6EID UN7LZ	2521 E73Y	
2565 F3SG JA2FGL JH1QAX	2555 JA1WPX	2545 AA5AT CX6VM EA3BT NC9T SP3SLA UY5BC W9BF	2535 LA2PA WA6YEE	2520 RA4CA	2511 EV1R KR4F W6TC
2564 DK9KX NX0I VE3CFK W5BPT	2554 IT9DAA K0BJ		2534 DL2CHN DL6CNG R8TX	2519 AA4SC RG5A W9FR	2510 DK5AI HK4SAN N4PY SP3CJS W8TN
2563 JA1IZZ KG8P UA6EX	2553 N4TL NV9L RW4C S52DD W1KSZ W1YW	2544 DL5EBE N7IR WA3C	2533 JN1RQV	2518 IZ0RVI JA7LGE K2PK	
		2543 K7ZA	2532 CU2AP	2517 JH3VWN UN7TW W1OX W7AL	2509 I2EOW JR1BLX KI0KB LY1G NQ7R US3LR
2562 DL5XJ G4IYY PY2NQ SV5DKL YO2RR	2552 OE8HIK WB8BPU	2542 N8LJ W7LR W8HC	2531 DL4SZB UA6YW		
	2551 KM4H W0VX W8TWA		2529 K8QM UA1OMS	2516 AD6W CT1CJJ CU2DX K5WAF SV2AEL WB0TEV YV5NWX	2508 K7GEX OE8SPW
2561 G3KWK JA1NWD W1YIF W9OL	2550 JA1GRM K7BV LA3MHA RA3ZH W3BW	2541 JA1IOA JA3RQ JF1KKV N4QQ RL3FA W3DRY	2527 JA6BJV KD0Q W6QUV		2507 J11LET RU6M SM6NOC W6BJH WO2N
2560 K3JT PY5CC W4TV		2540 AA4R AJ9C EI9FBB F5HNQ	2526 JA1LSP K9MK	2515 JA7BWT K2NV SP3QDM VA3LX WB8ZRV	2506 DL1SMA JR7WFC
2559 JG4AKL	2549 DL5CF NN4SS SK7AX		2525 G4OWT I8SAT		

K5VIP	EI6FR	2492	2476	W1AIM	2453
K8FH	I2MQP*	JA1FGB	9A4WY	W6SZN	JA8KSF
N6RW	IK0HFO	JA6TMU	KE4YD	XE2CQ	JG3LGD
RA1AOB	IZ7FLP		NM6V		JR1DUP
W5ODD	IZ8FWN	2491	UW5ZM	2463	SV1GYG
WD5K	JA9PPC	KB1EFS		JA9FAI	
2505	JE2DZC		2475	K3XA	2452
JA1VSL	JE2EHP	2490	IK2OHG	K6KO	
JH1AJT*	JH7RXU	5B4AHJ			2451
K2TE	JJ1DWT		2474	2462	UA0BA
LA2QM	K2UR	2489	CT3HF	HB9CZR	
W1VT	KM4HI	G3OAG	JA4EPE	KE8UN	2450
	N9BX		JH0INE		IK0LNN
2504	NN4X	2486	WO2T	2461	JF1IRW
E72U	R9AB	OE3SGU		DF3IS	JR4DSM
IK7XLU	RA3SS	UW8SM	2472	JA1WSK	
K1KD	SQ1X		I1JQJ	K3NK	2449
LU2NI	VE3RA	2485	JG0CQK	K9IL*	W8DX
N8OC	WA4LOX	JA1RTX	SP7TF		
	WD4LBR	N4GN		2460	2447
2503	2499		2471	JA8BNP	WA3AFS
K4WA	W1LW	2484	JA1HRQ	W8LGJ	
RN8W	W6ENZ	JA9CHJ	N4RWG		2446
SP6EQZ		K9MBQ		2459	OZ8SW
W1ZT	2498		2470	K2AZ	
YB5QZ	K1USA	2483	KT8X		2445
	K4JAF	LU3CQ	W6JRY	2458	IV3GOW
2502	NN4R	N1LN		JA1ADN	W0GJ
G4IUF	2497	N1RR	2469	JF2WGN	
I8JIT	IZ4GWE		G4BUE	JH1BZJ	2444
K6FW	JA7LMZ	2482	JA0DET		PY2KP
K7EG	RZ3FW	HB9CEX	JA0DIN	2457	
RV1CC				DF9KF	2443
UN7JX	2496	2481	2468	JA3DY*	G4DJX
VE3DZ	JM2RUV	IZ5RVG	N6DX	N5KM	
WS9V	N6VR	JA1ELY			2442
WT8V		JA2AH	2467	2456	N5JB
	2495		JA9NLE	HL2WA	
2501	N7XR	2480	UA0SR	JG1WSC	2441
EA3CJ		K8BL	W8KEN		W5IF
G0EHO	2494			2455	WA6F
IZ5EKV	DF3UB	2479	2466	N5MOA	
JA1TMG	IK5PWQ	NW7E	CT3FT	RN3OG	2440
JA3ENN	K2FU	UA9FGR	K4EM		EA5AT
JH4ALY	S51U	W4RFZ	SV9COL	2454	S52RZ
K7XB				IZ3ENH	SM5CLE
K8OM	2493	2477	2465	K7SP	W5PF
WO7R	AJ6T	JJ1SKG	JA2VMU	LA9VDA	
	W1BR	W4VIC	OH1XT	SM5GMZ	2439
2500	WS6X	W8RLS	SV1VS	W2OO	F3AT
4Z1UF				WD9DZV	W3RJW
EA5BRE			2464		
			JA1VLK		

2438 DF2GH DL9TJ	2423 DL2VPO JA9CWJ W1EBI	W3UA	2402 IK5CBE JA4DEN JA7AUM N9JV	2390 JA1TAA	N6HC OZ1HX W2GW WA2BCK
2437 W9OA	2422 KA2D	2411 AA6AA HL3GOB JE3ENP LB2TB	2401 HA7UW K8ROX N2NS NA5C W9DC	2389 BA4RF SM4AZQ SV2DGH	2376 HB9AAQ IK0HBN
2436 W2GG	2420 DJ5JH G4WFQ IK4AUY S57AT VE6LB	2410 I0YQV IK4MSV IT9XTP KJ0M	2400 IZ2FOS JK1GOK OH6RX SV9AHZ WL7E	2386 JA2XCR JF1RYU K4YMQ	2375 K9NR WA0I WP4G
2435 EI9JF JH4GJR K3VAT	2419 IK2EGL JG3IWL K9SM	2409 HA5AO JA1IXY	2399 N5UL	2385 DL8LE KB1JZU	2374 JA1FQI JR9OPJ KA7T RN3RQ
2434 SM5CZK SP8HKT WA9CVK	2418 I0JBL PY2VA SV1IW	2407 A65BR DJ3AA GM3YOR N0KV N4GG ZL1BYZ	2398 DJ4GJ DL2FAG K2SX	2384 DL4CW K8YSE KQ3F W7YAQ	2373 K7ZD W2LE
2432 KA9FOX N4QV ON4CAS	2417 JA6BEE KE9ET N6RV W5VY	2406 JH1AGU JK1EXO K0BBC W2AY	2397 IZ5BAM JA1DOF JR2PMT	2383 LA9VFA LU8EKC RK3QY	2371 EA3BS K5PS
2430 AF4HX K4MK KT1J	2416 IV3HYD R9OK SV1ACK W8MJ	2405 AA8OY IV3KFB K1LT K6PJ N2JJ OE2BZL	2396 HB9ICC PA3CSR	2382 CT1DKS EA1EAU PA7RA W0LS	2370 DL2UH IK6QOP JA1BPA
2428 DS5USH K1ZN	2415 EA5CRC UA0CA WQ5W	2404 EA6ET JA4FHE K0RS KD3CQ	2395 EA8JF K2KA	2381 IK5MDF JL2JVX KJ9C W2XI	2369 JH1OAI K5VWW WQ3X
2427 JH1SJJ JH3GCN LX2A	2414 I4ENO JI1NJC KG6I	2403 DK3WW JA1QOA JG3SKK JH1QDB	2394 CT1EAV JR4LNG	2380 EA1RT ON4ATW	2368 F5LVL JP1IOF
2426 EA3GHZ W3OA ZL3JT	2413 KA8ZPE RA3WDK	2402 JH7IAJ R0FA	2393 N2WB PA7TWO W4HG	2379 N3CZ	2367 HP2AT HS1NGR PE1L
2425 DJ9RR JA2FBC JE6TSP JE8TGI ZS6WB	2412 9K2HN		2392 NA5DX	2378 F5IL N7BT	2366 BA4DW I5OYY JA5BEN
2424 IZ2AMW				2377 IZ4MJP	

2365 EA3NP	2352 EA1AF JA1JAT W2NO	ON5UE W1EQ	2332 K6UM OZ1LCG	2320 I8QJU JE1PNX	2305 K8CW
2364 AA8LL KS3F	2351 KJ6P RD3AW	2341 LA8HGA SM2GCQ	2330 9A1AD	2319 UA3ECJ W5FI	2304 OK5TK ZS2DL
2363 K1NTR K6RO N8BJQ VE3VHB W3JX	2350 DL3OI JA1ALT N7DC OE5RLM RA5BM VU2NKS	2340 DK7YY JA5FBZ	2328 K1LI N6PF WA9PIE	2317 K2XF	2303 JH4BTI SM3LGO
2362 IZ8DBJ W2OIB	2348 AA3B DJ5JK DL6JZ DL8SCG K7UA KD0PO VK3HJ	2339 DF2TT JA1FNO OH6JD SM3DMP	2327 AB5A JH1LPF N2LM SM5ARL W6RW	2316 K0GY W5GZ	2302 ER3DX JA4BXL W2WG
2361 JA2NDQ	2347 IZ3ETU	2338 FG5FR JH1CHU K8AJS OK1FED OZ2PBS W8UV WW3S	2326 K4PB K5FUV	2315 N6QQ RA3DNC	2301 I2VGW K4XR N4HB W4CK
2360 N6MZ SV1QN W8MET	2346 G3NKC JA9AA K0MN* K1ESE KS0DX	2337 JA2BQX VE3CRG	2325 CT3MD JA8JTH JH8SLS	2314 JR9LKE K0GD K1ZZI	2300 JA8NFV KF7PG LA7GIA LU4FPZ N9CK OE6VIE W7ZJ
2359 4Z5AV JR6LLN N3RC W4DC	2345 HB9BAT K7LJ SM4CTI WA2NPD	2336 EW4M F5PBM JA2HYD JA5SUD K0VXU SP6A W5GAI	2324 IK1SOW JA2FSM JL1XMN PZ5RA VE6AX W0GG W0TT	2313 JA7BVH N6UK W9BEA	2300 JA8NFV KF7PG LA7GIA LU4FPZ N9CK OE6VIE W7ZJ
2358 K5KV W0AWL WF4U	2344 EA1AUS JA7PL RZ3DJ	2335 K4MS	2323 K0CS K9FN	2311 K8ME PP1CZ RC9F SM5CRV WA1S WC5M	2299 I5CRL
2356 IV3VBM K1KO K9YC N1GC	2343 JE1DXC	2334 GM0AXY HB9BYQ W2YE	2322 IK2OVC JE8CLT JG8FWH K8YC	2310 JA5BGA	2298 W9OO
2355 9K2NO JA9GPG WB2REM	2342 HB9IQB IK8JVG	2333 9K2OD DL1TRK G3VPW HA0HW W0HBH	2321 BH4QYX JA4ZA WB7B	2309 HB9BXE	2297 JA1GHR W3YY WF2S
2354 K0XB				2308 JA7ZP K4CMS N4TJ SP6TRX ZL2IFB	2296 YO2CMI
2353 JR7FRW				2307 K8DV	2295 EW1BA K7HP
					2294 DF7EE N6HY RU3ZX

2292 PY2MC VE3EK	2277 K6YRA RZ6BS	2266 OH6NIO W6TMD	KA4RRU OK1DWC	2245 JA7QFU	2232 9M6YBG AA8R HL3DE
2291 JH1RGG SP3XR	2276 KA8SYV RU1AB RU3SD	2265 K2TWI WB8K	2255 EA7SG K3TN OE2GEN SP3IBS	2244 BA7IO SP3PLD US0YA	2231 DL4DZL R9SG W8JRK
2290 W7CA	2275 IZ4AIK JA0A00	2264 IK8GYS LA0FA N4MHQ UR3EO UR5FEO W1OW	2254 IK2SND W9PZT	2243 HB9BOI K8NK	2230 4L1MA K7GM K9MIE NA5Q PA0JSE WT4Q
2289 AB5EB JF3LOP	2273 AC0A K0AZ K8BN K8UT N7NG VK3GA	2263 OE7FMH PY2RO ZL4TT	2253 JE2HCJ JH1DGQ N1EN	2242 JK1BSM	2229 K2TK N0RN N4JT SM3CBR
2288 HA0UZ JA9NFO N0RB	2272 DL1HRN K7MTR KE1F LB6KC N4XP	2262 OK1DH W7HPW	2252 HK1MW JA1PTJ JA9GLW RN9N	2241 KE9L N4EFS NA2M UA1ACG	
2287 HB9DHG JA6CBG N6TA PA0ZH	2271 W0SZ W8LRO WA3F	2261 F9XL IK2VUC IZ8EEL S55SL	2251 HL4CJG KG2KJ N4TV W5ZO YB1UUN	2240 9A2TN K4MM W8UN	2228 JE1GWO
2286 EA1CP	2270 EA3XP IZ8FDH IZ8IEV	2260 IZ8EDJ W5PJR	2250 DL1SP EA8BYR JH1XUM K4TEA	2239 JA0DWY W4ABW	2227 JG5RVQ
2284 9K2GS DK1WB W7AH	2269 JH0GHZ NE3F S52TJ W9JA	2259 JA1BOQ K4ZO UA6FJ UT3UZ W5WT	2249 AB5C JH1VUO N2VW	2238 JA1CMD K8RRT N9ISN	2226 K9RS NA9RB
2283 DF5AU JA4FM	2268 K3SEW K9OW NI0C W6RS	2258 DF2NS IK0AGU K6DT	2247 JP1NWZ K4HMB	2236 AB0CT K2FW K9ZM KI5BLU PY2IQ	2225 JF1NZW OE5BWN W8IQ
2282 AB0X IZ8GGF JE2RDO K5KPE	2267 YO9FNP	2257 JH4FEB K8NKQ	2246 JH4HMG JR8AMF OH8LXT PY7RP	2235 IK6BSN JH1IAQ K5JZ	2224 KA1ERL KD6UO
2279 HB9CXZ JA8FHM W5SL		2256 DS1JFY		2234 I2YDX IW1QN	2223 SM3PZG
2278 K0TT K4WNW N9RC				2233 SM7NDX	2222 IW0HOU UN3GX
					2221 JA2DXD K9OT

2220 EA9IE K0TPP	NK0S WA1FCN WS7L	K2CBI LY3W W6AEA	2185 YO3CD	JA4DHN JH4DYP VO1HP W8KA	2164 CT3KN JF2WXS N4JQQ S55ZZ
2219 DJ5EJ KH2L NW4V	2207 I5KG KJ6NZ OH1TX	2194 K5PI NE9U S51NM WB3JFS Z31RQ	2184 CT1APN G3UHU JA2JRG N5AO	2174 JA7EPO	2163 UA1AIR WS5W
2218 EU1U JA3EOP JH4CBM W7FN	2206 DL8ZAW PA3ABH SP3FAR WA4JQS	2193 K2RD VE1JBC	2183 4X6KA OH2OT	2173 G0DBE JA1KPH LU5FF OE2SCM W8IW	2162 JA2IYJ K9RR N2DPF PY7DJ RZ0AF W7AV ZL4AS
2217 W0HT W5DNT W7MEM WX1S	2205 JA0UH JA8FFM	2192 N8MR NY2NY W1YRC	2182 IK2SGB JA0CGJ W2YR W5ZPA	2172 KK0M	
2215 LA9FFA RA4FEA SM7CQY SV2BOH	2204 K5DHY N4HID	2191 IW0HQE	2181 IV3TMM JE1AEX K7BTW W6SL	2171 K4VIG UT3UY	2161 G3ZQH JF1RPZ JH1WJR
2214 HL2IFR JA1DM K4FJ RN1ON SM5SWA	2202 JA8JO UA0FO W4LSC*	2190 JH1OBS K1EFI N4SC ZS1A	2180 DL9FCY IV3TDM JA8BAR K9GA RW3QM W3MR W5RQ W8BBQ	2170 JH1VHU N8SNM SV3AQR W5DAW	2160 HS0ZEE I5REA IK1CJO IK4HPU K5JC N4RF
2213 JA8EOT K1YR	2201 CT1FCX G3TQZ JA2CEJ RM3DA RU0SN	2189 AI6Z IK1ADH N4AL N8NN		2169 HL2CFY JA3MF K0LUZ SP1DSZ W9EWZ	2159 N1RJ XE2X
2211 CT1FPQ UX5UO	2200 KX2A VE3YF W8WEJ W9YE WE9V	2188 G0VXE IK2DZN N4ZH RD3A	2179 IV3YIB JO4CFV	2168 F5UJK UT4EK	2158 K4RO SM4OLL
2210 7K1PTT	2199 OH1NX WB8B	2187 IK4IYC JH1BAM JR1MLU K6SRZ RW4CY W0AIH* W5VQ W8MHW	2178 HB9FMN K1GE	2167 DL1NKS IK6HRB S57XX	2157 I0MWI JA9IFF W6CYX
2209 DL1SVI IZ4DPV UN7ECA W6RFL	2197 DJ8ES	2177 N3EN NW6S	2176 DJ2SL K4ZIN	2166 LA2XPA W2RQ	2156 N5PHT TA1CM
2208 DM5BB	2195 EW1KP IK8BQE JA5NPV	2186 ZS2EZ	2175 AD8P*	2165 KG9Z N4PJ N5ET S54A	2155 JH3FUK WA5LFD

2154 JA0GCI JG3FEA SP3V	2146 EA8MT	IZ7AUH K7LV N1IX	2125 IV3XNF JH0BQX JH3SIF	2116 F6DBX K3OX SM7HCW W9XT	N6KZ YL2KF
2153 EA3GHQ K2BA OH2BF	2145 DF5WA EC1A RQ3A RU6FZ W4BUW	2135 K4NNX	2124 W0RX W4GIW	2115 EA1KY K7UT	2106 JA3BSL VE2BR W3RW
2152 AA1AC K6ZZ W6IGK WA1PMA	2144 DK2OY W4IS	2134 JH2IEE WB5TUF	2123 KZ8Y VU2PTT	2114 IZ5NFD JA2VHO KA2NDX SM7BHH W4SK	2105 K1SM SM5CBM SM5ENX W5JAY
2151 IK0DWN IK2RPE JF3PNQ N2WKS N7IP SP1MWK	2143 AA8CH JA1CZI JF3SUL K0KG W9RC	2133 RA3LO S59ZZ	2122 DF2NU DL6UAA K1ZE	2113 OH4UI	2104 G3UAS HB9BHY* JA3KNN JA3UCO JA8DKJ JR1WCT N6PE
2150 K5TT KU4XO OE2KHM SM5FWW W4MAY	2142 CT3DL JH1IED K6EME K8KWT KK1W	2132 AA7G N9UA	2121 A65CA K1PL N4UOZ W8JV XE1RBV	2112 AE0P JR1NHD SP8FB	2103 JK1ODA W2FV W7QDM
2149 J14WAO JN7DOS SP6JIU	2141 DL2AYK DL9RCF N1RK N6IE W8OP	2131 K1RV RN3CT	2120 HA5VZ JA1WTI S50R W1WC W6RKC	2111 JK1TCV K3PP N6PSE	2101 EA6AJ JA3VPA JH7DFZ JK1UNZ K1DC OH1ZK RA3S
2148 CT1GPQ DL7UPN JA3LDH K4YYL K5GH N9AW	2140 JE2JMV	2130 EA8AXT IK0OPS K0DEW W3TN W6YOO	2119 I0OSI JA0LXP JA7XBG JH0MXV K1NJ K6MI PY1KN W18R YO3FRI	2110 DK0UB F2NH HB9CRV RA1OD VE7BV	
2147 JH1APK JN3SAC N3QE RZ3DW W8CZN YB0COU	2139 CT4GO JF0JYR K8BZ	2129 G3KMQ N2AJ UA4AZ XE1H	2109 CT1BWW HI3T N5KO	2100 DL5XAT HB9AZZ SM7IUN WB2GAI	
	2138 JR6IKD W4JS	2128 IW1FGY KE9I UN6P	2108 AA4FL JA1AML JA2KNW KW4V	2099 EA8RR WB3LHD	
	2137 K5FZ NZ3O	2127 HB9AAL JH0RVY JR3UIC OZ1IKY OZ5HP W9VNE	2107 EA3DW G4DJJ K1KA K3PU	2098 W2OR	
	2136 G3IFB	2126 JA8ZO KQ4AV	2117 ER5DX JA8LRG PY2DS	2097 DL3KZA JA1MZL	

2096 HA1DAE JA1QWT W5WP	W2TB	2073 DJ0MCH K9RT XE1MEX	R3ST	2051 ND4V	2040 JL1OXH LA7WCA N6PEQ N7QT
2095 JH0MHR K1UI	2084 EI2GLB W4UCK	2072 JA8CJY NF4A R9SC SM4BZH	2061 AA4NC N8EHW W1AO W2CG	2050 JM1HJG K4JLD OZ4VW W5WTX WB8FSV	2039 DK9CG VE3KI
2094 K1MAA*	2082 KI4DLS W9JJB WB8CQV YO3ND	2071 JA7CVL JR1UFN KF6HI N4UFO PA0INA W3GG	2060 JF1LZQ K4NA KK4OK PA0TCA	2048 I5JFG IZ5MOQ K8NS NT2A SP5ES W3ABT	2038 JJ6DGP JR1IZM WA5IPS
2093 DL2HYH ON4RU VE3ZZ	2081 K1UU	2070 CU3EQ EA1JO K3FRK ND5S	2059 JE8LWZ KS4S N0ABA N0IJ N5BO N5DD W3BG WA4CEM WD8PKF	2047 JP7EIP K2AJY N4AA* PA0GMM	2037 JA3MHA JH2SON K2EK K9TF N4JR W7SX WW2DX
2092 N5AQ R1MA W3FI ZL2AL	2080 JH1ORA KC6X N0AH W5LE W5QM	2068 N4NW R3LA	2058 IK2PZC JO7KMB W1ZK	2046 AC9EM F5INJ	2036 EA6EE K2AU K2EQ SV1CQN
2091 EB3CW G4XRV KR6C W2JLK W4RDX	2079 F5NBX K8AV KN4KL N1IW N7UN	2067 JA1NCZ K2AX PA1H UA3O	2057 HL2KV PY2FN W0TM	2045 IK6OIN RK2FWA	2035 AA4VV JA7KE KM1C N9SF WA3OFR
2090 LA6UL	2078 HB9JOE IK1PMR JA0EKI K1NY	2066 OZ5NJ	2056 RN3D	2044 JA4FJL	2034 WA9YYY
2089 N4QWF SM0MPV	2077 DL1WM XE1J	2065 G3LUW HB9CQK JL1ARF K4ST	2055 KX4TT PY2WC	2043 K2UFM K6MKF NA9A	2032 HB9DOT IK2RZP KI6CG LZ2HN W7VY WA8MCD
2088 EA8TH F6ECI IW0GBU	2076 OZ0J	2064 4F2KWT DL3BRE	2053 JA3WLN	2042 K1RI K9OR NE0U	2031 IK5PWN K3SX W7IV
2087 JA1CJO KF0LA	2075 JA8DSO N3BNA NF1G RA3FH	2063 K1IT	2052 4O3A 9A5N JH2XQY K5TA OM7CA RA3TT	2041 IK0OER JN3TRK SV9GPV W4GE WD0DAN WE1P	
2086 W2ZI W9FI	2074 CT1FUH DL8PG NA4EA	2062 NT5V			
2085 DL5XL PA3GCV					

2030 DS5ACV EA4EER LA7XK N6PAT	2019 JA2MOG JH8GEU K1JIU SM5BMB	2008 NK4L W1ITU W5ZG	KD8RQE N2SQW NJ3K PC3T SP6AXW SV3FUO W3FOX	1999 K2BLA LA9OI	JR7MAZ N2FF WA6JA
2029 JA1EMQ N4IG SV1HEP	2018 JA7BEW SA0AQT	2007 DK5DC* DK9HN KV1E N6OJ W9HBH	2001 AJ4A BH4IGO DL6OCM I5MXX JA8XQI JT1BV KE4UW OH1JP OH2IS UN9L VR2XMT VU2CPL W0CP W0YVA W1SSN YO4DW	1998 AC4TO KN6KI W4RBO	1983 DF2PI JA1DDZ
2028 DJ0UT N3KN SM5AOG W1TO	2016 RU9UC UN7FW	2006 DM3AZ IK2ANI JA3BXF JA3EJG JF1LMB JG4BLW K9DR KB4MRX OM8FR W2/CT1GIF	1997 AF2C W2NRA	1982 DG7RO DL1RWN JA1SGU K4KAY	
2027 F5OVQ IT9RYJ JA1OVF NI3P	2015 DK3GG DS3HWS IU0LFQ K9MMS LA6OP RK7T YB1AR	2005 IK0UTM JJ0DRC KM6HB NU1O SM6CKU	1996 ON7TK	1981 K8KS	
2026 9A5F IK0XEZ RT5A W7JY XE2D	2014 IZ1DFG K2AT LA4PM N7TT	2004 DM1TT EI8IU EU1KY JA0PE JH4ADK RA3ANL SP3QYQ	1995 JA1SKE N4LR	1980 IZ4DIW NA2U	
2025 EA5OX S52D	2013 JE2VLG RA3QUA SQ7NSN	2003 IW3GJF K4JC KE3D UA4PCM W4ZYT YO7NE	1994 K5SM	1979 AA9GR I8LWL IK7FPV SV2DCD	
2024 K7KB RT0F	2012 JE0VJV VE3MV	2002 EA3EQT HL3AMO JA6IVR JH3FHQ	1993 K5SM	1991 HA5GN	1978 AA3LX IZ8EJB KR2Q W4SO
2023 E70T JA3QOS JK3GHE	2011 4Z5SG UN2E		1992 K5SM	1990 JA1FJJ K5DC	1977 WA0ROI
2022 SV2HXX	2010 K2BB KK2M NF1O RA3BL		1991 HA5GN	1989 SV1FJP	1976 DL5OCE JJ2RCJ KY6R
2021 JH1UBK M0CSD N3UA	2009 9A4SS R3DG RW9QA		1990 JA1FJJ K5DC	1988 RX4HW	1975 JO1LVZ K5QX ON4UN*
2020 CU3AA			1989 SV1FJP	1987 N2WLG WC4H	1974 K8FC W3BJ
			1988 RX4HW	1986 JH7BKN K1ACL N1JP N1UK SV1FKZ W0SR	1973 DL2NOM JA4XH

1972 IT9GSF N4OA	1957 4X6ZK K1VW* KB9VF	JA1WWO K8YYY N4ENE	1936 F1ICS JR7GBL N9ZI	JM1VRW RD3BD UA3FX W3SB W8GNM WA3I	PA3GRM W2WC
1971 G0FUV	1956 AA6RR WA0RVK WA1YTW	1946 DS5TOS JA2MNB	1935 N1KC		1914 CT1BWU JA1QXC SM0DSF W5GO
1970 HA5PT WS1L	1955 SP6EII W1CSM	1945 DJ8NT IK7YZG	1934 DK4TP NA6L W1SRD	1925 W1NA W9IL	1913 K9FD
1967 JM1TWR V51B	1954 DM2TO JA3OOK K8VC KI4GE	1944 NE8Z	1933 CU3AK WN6K	1924 DL3DTH HA5BSW NE6I	1912 DL2RTL JA2ITK
1965 DS4AOW JA3HBC KA1J N6NO N7WO W9MJ	1953 AB4UF K2BX K4WZ KL0S	1943 AA0MZ DL4LAM HB9G JA1OVD JA8UIV W8TE	1932 K9GWH	1923 IZ1JMN JG1OGM K9SG	1911 JH1RFM JL3LSF UT7KF
1964 EI3IO GW3SFC	1952 N3KV UA3FF	1942 CU3EJ HB9CIC N4IQ UA4SKW	1931 JF1IXE K1CA K7TM	1922 DL4RCK JE2PCY LY3UM WC6DX	1910 HB9RYZ NC4RB
1963 JA1BNW OZ1LWT W9SN	1951 IZ0BTV IZ1GLT	1941 W3IP	1930 K6NR K9FZ* N4QWZ YL2TW ZS1J	1921 JA2KSP W2CVW WV6E	1909 EA1KP IS0AFM NY9H
1962 HA5CW VE3CV* WD8ANZ	1950 AF5CC JA2FCZ JF2DND N1ZZ N5UW WA4DOU	1940 K4WES N2RJ ND8L	1929 IK8CNT JA1OND JA7FWR RL3AA	1920 IK8VRH K9AW	1908 DJ3AS K5YCM KD4W VK3BDX
1961 K5RJ K9ALP W0QQ	1949 G3LDI JA1XRA LB5WB	1939 HI8RD JH0NEC JH8NBJ SV8BHN UA9CGL	1928 K3VN K4OY N6RK VE3JV W5KK	1919 JF2OZH W8QZA	1907 DL4NBE DL5MHQ
1960 JA1CFZ	1948 OH3OJ YV5OIE	1938 NA2P W4DAO	1927 EW1P JE1OHL JH9DRL	1917 K2XB*	1906 JA1HOM KV4FZ* N3KS OE1SZW W2YK
1959 K5NZ SM5CAK	1947 DL6XK	1937 IK2ILH K4MF SM7GIB	1926 4Z5LX IK2DUW	1916 JA3NHL W5THT W8HMK W8MK	1905 HC1BI JA6JEW VA3MO
1958 JH1ACA KE8UM N5TW				1915 G4XEE JJ1BMB K6MM	

1904 CU3AN DL1DAW	1893 JL2PQV K4JKB KA6BIM UA6AUA	1882 EA5RU KK9H N6MB	1871 DH0GSU DJ7ZG K4EU W9VG	1864 K2SN MU0FAL	1853 HK3X IK8UHA N7MQ W2RIJ
1903 JA6GPR NQ3A W6DE	1892 KL7HBK	1881 K3EA	1870 JH8SIT N6QI OE3HWC W5GA	1863 JA1PAH N9KW WO9S	1852 NP4G VE7TK W2KA WB3D
1902 IZ0NRG JQ1ALQ	1891 DK1WU K6XN K8QKY LA9TY N1QY	1880 AC6DX WB2KSK YO4AUL	1869 JH0EQN K6MW KM3T RU1AO TZ4AM WK7E	1862 DJ5IO K2CIB N7ZO	1851 IK6GRT JA7GYP KS4YT SP6AEG W3XY WA4QMQ
1901 F5JSD IK1IYU JH1BSJ S58J W8FN	1890 W8QID	1879 G4NXG K2HAT RD9M	1868 G3SBP SV1OZ UA1ORK	1861 N1AC	1860 KE6FV N6PM
1900 E21EIC JA7BSD K1FEV KK4OW N6NU VE3NI	1889 AA5JF W6DR	1878 K5AB K5KG K9AU K9UQN	1867 JA4VLK JH8KFE K5FNQ N3ND OZ7FOC RA4P RO1B VE3UZ	1859 IK7EOT KV4T N7WS	1850 JA0CIU JA2KTP
1898 DL8OH	1888 MM0BQN W4YCH	1877 EA7QW OH3NDH W0FS	1866 HB9MFM JA1GVM JE1BMJ K1JB K9CS ND4X RA0BA RT3M	1858 EU1M I4JBJ JE1HRC PY5IP SP3F SV8DOU	1849 KM3V
1897 N5WA OM3IM W6KK WB6EWM YO2DFA	1887 DF6TC K9DT KM3J W7NN	1876 AA4AK JA6OXT	1865 K3PT SK3BG SP6IEQ SV1MO WC3W	1857 JI1WLL PA0JNH	1848 AB4I IU8FRE
1896 JA2EWE W2NK WB5AAA	1886 DF9PG JA2KVB OH1NDA WB2WPM	1875 CS8ABF EA1DLU IU0HDC IZ8AJU	1856 DH2PC KA2MGE KI4WCQ W1AW	1855 JT1CO K5CWR	1847 DL3LBM IT9RTA K3BR K5OA N5ZC VE1OP W1WLW
1895 KW4MM OH1NPW W3ACO	1885 JP1TRJ OZ3SK W9ZCL	1874 JA7VEI KB2FCV SP5IWA	1854 SP5TT WA5POK	1846 JA2XW	1845 WY6N
1894 JA0AXV JA4HAW PT7ZT W4HZ	1884 IZ8EEI KZ9DX SM7EH* W7IU	1873 K7ACZ KD4S WA4VA	1844 N8SHZ VE3YV YO2KHK	1843 GM4FDM	
	1883 IW0BYL	1872 SM6CLU			

K2RU KK4CB N1MD	1831 SM3PHM VK3FM	K3GT YV5LI	1810 DL1DWT NM5Z NU7J VA7CRZ	1800 G8AJM K3GGN KJ7M N2NW N4HN WX0B	1789 IK2ZJN JI3BFC WD4OIN
1842 NE9Z NO4J VA7ZT	1830 DL8FBD HL5BMX K0OK	1820 DS5DNO JA3EY K8ZM	1809 CT1DOF K5OT	1799 JE1IBI	1788 K0ARS K4YJ KT2C LA1U N3RW N5FF WV2I
1841 W8ZF WB2AQC	1829 7M4AOE JA1UTZ K5TN KD1F	1819 JM1GHT K5UZ	1808 K5WBM W0MU WB2NPY	1798 DL7KL K1IFJ N7ELL S59DKR	1787 EA5B KM7R ON8GT SP7ICE
1840 EI6IZ K2MP W0KCJ W7HR	1828 JA1QIW OZ4AAL	1818 K0THN K3AJ	1807 K6BV	1796 W0DD	1786 AA7XT G3YQA G4AFJ GU0SUP N2CG UN3G
1838 DJ1TO ON4ANN	1827 HB9DDM IV3AZZ N1IA NA5Z VE4EAR	1817 I8DVJ JF2VAX JH6EJG K6IPV KB9DAK W8FIB W8LKG WA4BIM	1806 AA9LC DF1ZN PA0MBD	1795 HB9IIO JR1DQK K5ZD KA9OKH RC3FL WC4B	1785 JI8PDC JL1BYZ K9QFR R5DU W6WF
1837 CX2CC LY9Y YO3JF	1826 DF3EC YO3DDZ	1816 S52FW	1805 CT1BXX G3WW W6BK	1794 I2YWR K2IXQ SM0BYD	1784 AA4U EA5DFV I2TZK JJ2ONH JM1LPN LA8AW W3MF
1836 5B4XF AK5X K0SD	1825 F5VHQ K1JD K8EAB	1815 JH1OGT SP9WZS W1PX W3KB	1804 IK7WPC IT9BLB K9JN	1793 G7VJR SM4DDS W5UE	1783 EI7CC IZ0CBB K4SX R9MJ
1835 DK6OR HB9DQV JA6HQT W0ZD W6UC	1824 IK0EFR JJ1KZZ	1814 NR9J	1803 AG5W EA5RD JA0LFV K6IPM N6ZN VE6KC	1792 DL3EA JH1DGJ JH4RLY JR6GIM K6TAR	1782 K1DJ KD2T
1834 JH4RUF WA2USA	1823 DL6KO LZ2ZG NI5F SQ9OH WB0O	1813 JI1LAT VK6LC	1802 JA0VSH JH1NYN KE5PO N7DED	1791 JA2OLJ W3DM	
1833 DJ9WH IT9AAI K5ZQ LU8ADX W8CD	1822 WB0TVY	1812 K3MSB KD9HL W7CD	1801 EI2JD JR1VAY K4JWA N5PR	1790 SV8RX	
1832 JH2PWY	1821 IK3SWB JA0EY JE1VTZ	1811 IZ3BJK N8NA OH2RI			

OE3KLU SM0XBI	UW2ZO WA0SXV WB4GLI	W2CDO	VK2CA W8RV	1743 JA1PPW NU1B	1734 5B4ALJ
1781 DL1FKA NY3C W0JM W6TK W8LMG	1771 K2MK KZ1W N7BD W4DEE W8OM	1763 IK4THK W9ZJ	1753 K5CR	1742 DL7JRD	1733 N6WM W8NN
1780 EA2AAZ N2GZ W6OD	1770 HL2EIZ JA1UII K3SV	1762 F6HLC JH2AJY K6UFO S53MJ TI5CDA WC7Q	1752 AL7R JF2HPA LU6ETB W3NS	1740 CT2GLO DK5QK JA0KJE N1KDO VK7CW	1732 IK6EIW JA5JUG
1779 DL1HBT JA6GIJ	1770 HL2EIZ JA1UII K3SV PY2SEX SM5YOC	1761 HI3Y JA4CZM	1751 AA4DD DL4FAP KR0P LA5XGA	1739 AD6ZJ CT1IZW EA3WL HB9FBG HB9KNY IZ2EWR JA3FHL K1XV K4EB K6RG OE1ALW WV4TN	1731 K0DD KC5LK KE4KY KR4W N2RR N5EPA NL7S SV1FJF W6WA W9GXR
1778 JA1IAZ JH1ILX JR3QHJ S50B	1769 K1BZ WC7N XE1VIC	1760 DK0EE HB9TMW JR1EFG SP5MXZ	1750 6K5YIA AL7TC JH6PFY W4CCS		
1777 JA3MVI JA7DYJ	1768 F5BOY JA1XPQ K7LAZ	1759 K9JU	1749 N6BM W0FK		1730 G4FKA JA6JNF JE3EDJ WX6V
1776 W8GEX	1767 K0QQ VE3VC WK4Y*	1758 K2PF* KE4S SM5GLC W5JMW	1748 IV3IXN N6MXU OZ1ACB RM6B	1738 F5RQQ N0STL N4GU	1729 DK4PE I7PXV LA2GH
1775 AA6PW AH0U I8YAV	1766 IZ8MBW LZ1MS N2KX SP5ELW TF3DC	1757 JI2FBG JS1NDM ZS6NJ	1747 JA1ETN JH0OXS K4LM* K5AV	1737 DL9EO K1DX WA5NFC	1728 K4WY K4XU W1KDA
1774 N3XM WB2BIN		1756 DF1KG NE9R SM1TDE SV8CKM W9NIO*	1746 SM2DMU UN7G W2DXE	1736 IW0BCF JA0RCK JF4EQJ N7MB W1OP	1727 JE4CIL JR5JAQ K4AR KR8T N3ME* N7HN
1773 9K2GR AJ7G IK8GJR K7NK OZ7DN WB4YDL	1765 DL5KUA K7GS K7XC NH6T/W4	1755 JM1SZY JS6TWW W8JH	1745 SM5ELV	1735 JI3CJP JJ2WOC K7FL RN9CM RU6K WA2UBK	1726 DL9GTB IK3DVY K4KGG K4QE K4VNY
1772 AJ8MH K9PG KE1VT	1764 DS5RNM HB9ZS I4JEE JJ1CZR UR4IOR UW7UA	1754 JE2UFF N9XX	1744 I0GOD IZ0GYP KQ4EE RX6DX		

1725 N6EE	1716 9A1CKH AA4M DK1EI JG1SWM N3RD NO9E	K2RET N8VV NU4Y W5UHQ	KF7NN SM5API* W8SAX	W3UM	WR2K
1724 F5JY JA3CSZ YB1TJ YO3AIS		1707 AB2RF SM5CSS	1697 9A1R DL6LIM KK9T	1690 DJ6NI JA4EVN KA1DJ W6RFF	1681 JA1JYE JJ0NSL K9MUF OK1DX RL3AW W4UEF WB6L YO3FGO
1723 JA8EIA	1715 JA8OW JG3WCZ K2CYE KK5OQ N4DWK W7WZ WE4S	1706 AC6HY IK4DKO N3OC PA3BWD W9BP	1696 N4AOE NA6MG RA0R W9GG WC4X	1689 IV3ARJ JG1DUZ JH3GFA W4GMY	
1722 IK2GPQ JA3UNA M0IKW N1WQ W6PBI*		1705 K7GQ K8SMC*	1695 EU4A JH3HGH K1DW KF4VTT LX1DA	1688 AA0ZP JH1IZR K5MT	1680 W1MR
1721 DL1TS DM2RM DM3ZF EA2J K0MD W5KI W5RF W6AER	1714 I5MPN JH1FSB K8JE N6AX N7KO	1704 K4RG N3VA N7FU W7FP		1687 AD5MN EC6AAE N2LQ N3TR R6FFB W6GRV	1679 JA4IYL
1720 AB2E JH8UQJ K8SL N4XYZ W1UK	1713 HA7LW ZS6UT	1703 EA3HRE HB9BOU HK4L NA2X	1694 DF2UA HB0WR KW4CQ UA1ANA	1686 AG3V F6DAM JA1NRH K6LRN LZ2HM NA4M	1677 DJ3XG DL7UVO KM4NS W1DYJ
1719 AE4CW OH7TV UN1L W6SFK	1712 F6KOP JF1KMC K8SIA NG7M	1702 JG3HBO JH1MFN NA2AA	1693 EI9FVB R1QA W2GS		1676 JE1PHH K2RR PA9M
1718 K6CF N4TOL NX2X WA6TLA	1711 EA2AFV	1701 JA7HRM N4PYI W3FJ	1692 BV1EK CT1ELF IZ1JLG JA3KZV K0KP W0AD W1UE W4LIA	1685 JH6WDG K3XO KE0A N7GR W1OG	1675 W9CSX
1717 JH1ERJ JL3MCM SP7CVW SV1GRE	1710 JE1HPM JG3KCX KG4CUY KS0M KW9U N8AYY W4GP	1700 JA5DBE KE5TD WB2RAJ	1691 I1YDT JN1NBU K3NF K9WX KE5FXE KF7F N6KK NX8Y	1684 N9AOL OH3NHF	1674 XE1FAS
	1709 JA7BME	1699 N1NU			1673 EA7DUD HB9DQL NU4I W1KMA
	1708 IT9ZZO JA1SHE JH9AUB	1698 DL7APK K5PC			1672 K4WW PY2GG US1CT
					1671 AC0X W7QHE
					1670 JA1BNL JH4JLV

K8ZZU	1661 HB9TOC K7FEL RL2A W1EL	1653 AE5B DL9IU KU8X SE2T	1642 DL1EK JG6NGS W1HEO	JM1JIV N7RD US8UA W0PSY ZL3RJ	1627 EA4EPY N8AGU W0ZS
1669 HB9CQL NA4MM			1641 DJ7JC JA4HXF R3CR	1633 JH1SBE RA6AAW RW9SG VE1JS VE3IQ W7JW W9ROG	1626 JA6AVT JF6XQJ K0GW W2RA W4AG YL2CA
1668 7K3QPL HA5LQ K2DC NE3H W8NJR WA1ZIC	1660 AD4AA HB9AWS K9GS LA4WJ ZP5YW	1652 GM3WIL K3WI N4BAF N4FY VA2IG	1640 K6XM LB7ZG N4XMX NA9Q SP7QHR		
1667 4X6UU DL5CL EC5A W9RXJ	1659 EA3EQS JH1EDD W8UQ	1650 N5QS N9TF NS3L W1EG	1639 HK3PJ JH1FNU JH2GZY JQ1YIW K5ALQ WA2MBP WB0N	1632 AA3TH K8ZT N5PA S51MA W0PR WF4G	1625 CT1BOY RV4LC W3OOU W7YA
1666 EA4UV F5CT I8OCA JA1TD K7AWB WA6G WB4QOC	1658 DL2JIM K0EEO K5TR OZ8X VR2KW WA3FRP	1647 CT1AHU JA8AZN K3STX VE7SZ YV5KTM		1631 K6UNE K7CMR PT7DX SM5BNK	1624 HB9DVZ JR1WYW N8WRL UA9CNX WA5NOM
1665 K5CD N1API SM2EJE UA0SC WA4MME	1657 SM6AOU	1646 HB9EFK HL1AV IZ5EBL N0AMI YO3VU	1638 7J1ADJ LU1FAM N9TK W1SLF	1630 9K2BM JR1CAD K7HC	1623 AC5AA IK2QEI N0ODK W1OK W7CP
1664 DL5NO EA7BJ IK1MEG IK3ITX WE2N	1656 DK3QM KT8Y N2CQ UN7JID W0KEU W8NGA	1645 N1BCL* R7HF R9JX W9MR	1637 DK3BK JA9RT W3UL W9MO	1629 DL7UIO EA4DEI G4ZOY KW3W YL3DQ	1622 JH2BNL KF4NEF KI6X KU4BP NW7M
1663 IK0XIH J11MNT N2ZZ	1655 GW4MVA HB9MEJ JA1HSF JE3GUG JH1FVE JI6IHG N0UN NF3R UA3AKI	1644 EA4DB GI4DOH JF1WLK JL1WQO K3MD KD8F KG5UZ N3MK WT3Q	1636 JH7CUO RN6AJ		1621 I5XFD JH0AWC W6CUA
1662 DL6UNF I0LYO JR0EQQ WY1G	1654 JE7RJS RN3OA SM4CTT	1643 K4FX	1635 AA4A IZ5FSA JA1DCK JA1GUC N8NB WA6SCW YP3A	1628 AA9RR AG7N JA6BZA K9SE N8GP NV4B NW4M SV1BYI VE1RGB	1620 9A6ST I7LGM K3LR LB2HG SM5OJH VE1JF W7YW

1619 AD3C IZ0BVU ND7J W0SD	1612 DH3KM JE1CTA SV2CLJ	1604 KC8RP WB5STU	W5RYA XE2MX	JR6CSY K8KI KE9U KM2E KZ7N W4QK	JR4VMS VE1ZZ*
1618 AD4Z KC9FFV KF4MH UA0FDX V31MA W8WVM WA9GON	1611 EA5AR IV3TMV JA1PCM W2UDT W4PNY	1603 GW4TSG JA1CCO K6KZM W5NUT	1596 K3WGR K9ARZ N4FN N8DUY YO9FQT	1588 ER0FEO FM5CD KE3X N3ZOM N9MR WQ5R	1580 F5LIW OE6CLD W1FA
1617 EC1AIJ JG3KLF K0CF ON6AA OZ3SM WB2HJV	1610 JA1GVT JH2AQI N5PG SV3ICK W2GFF	1602 G4FAL JA7FAS VR2XYL W1OPD	1595 DK5HZ JP1LRT K4OCE YO9BXE	1587 JG1OWV RO7T	1579 KE6V NA1DX
1616 I5FLN	1609 IW5AB	1601 IZ6CST JJ1TKN K9EXY KY9KYO SP4K YL2TD	1594 E74A JJ6WZS KD0AA SK0QO	1586 IZ8EKL K4GK K8AO W5DM W7TSQ WB4DNL	1578 DL3JPN IU8FRF JH1AQN K4QD K7LY UN1O
1617 VE1VOX	1608 EA5K I0KDF IK1UGX JA2CUS JH7IMX R3IS W5ZE	1600 DL8SDC JN1NOP JR5VHU K4AB KB2XJ TF4M VA7KO W6BCQ WA1EHK	1593 HB9AAA W1JQ	1585 AB4GE KE4SCY KN4JX WD8KND	1577 IZ5YHD JL1ELQ K2QB K8DE W6HDG WB8ART WS9W YV5AM
1616 IW9HII JJ2VLY N4ZY*	1607 N9AKR ON6NR SM3DXC W6OUL WB1EAZ WB6BFG WQ6Q	1599 K08SCA W0QC	1592 DL5RDI KU2A VE7CV VR2XLN WB5NHL WW8W	1584 N6WT VR2MY	1575 AC9S JA1NQU K0PC K5HK K7LFY UR4CWQ
1615 JI1HNC W7IUO	1606 IU8HEP K2SY K3KY KF2TI N7UVH VK5GR W7VS	1598 CT1ELC EA4DL I2EAY IV3FFI JG1HVC KI8L N4XX W7TUS	1591 JF1WQC UT5URW W5VU WO2X	1583 K1OT KJ5PQ N6GP NS4P	1574 AB0RX G3LAS* RU3A V51YJ W7/DL1UF WD5BJT YV4DYJ
1614 JA1XEL KC6JAM LX1CW OK2ZA UA4PK W5WLA	1605 JA4QAD OH5LLR WF5E	1597 I8MTQ K3IE OZ1HPS	1590 AA4LR JL2KEQ K0BX* SM5HJZ W8MIL WA4FLZ* WB7QXU	1582 JA3EEM N0KK SM5FQQ W4UFO Z32ZM	1573 DL2HRT HB9FMT WA3GNW
1613 JA2ODB JL1GYZ K5EWJ N9JR W7LGG			1589 F6FYD IZ4AIB JA2HNP	1581 7L1CYC JA3AVO	

1572 JM3GXU	JM2QWQ LZ2XF W9QO WA6EZV	KK7YC SM5BS VK3TC	PY4AZ W9WO	JG1ULT NY4I PB2A VU2CDP W4NE	VA2LM
1571 7K1CPT FG4NO HL5FBT JJ3FRB K7CU XE1R ZL1HD	1562 KN7Y ND3L YB0NFL	1554 AA6K CT1ZW* DL4MM KE9S	1548 N2ZN W3ML	1540 JP7FSO K3GW W2DEN	1533 JH2KXN KI7AO KZ5DX
1570 JA7NLW K2ZD W9HP	1561 E73W JL1VAL K4WFM K9CJM N8PCN W8JA	1553 AC4VM AK5Q HL3ERJ JP1SRG JR1AIB KE4BKL SV2BXA SV3KH W4CSW	1547 JA0EVI JH2AYB JR0PJR K6QU N7OJ WA3GFM	1539 HL4CBX HL4XM N5ID VE2BWL YB2DX	1532 DL3NSM HK3CW K8ROK
1569 JR0AMD K6BZS SP5LKJ UA1TAN	1560 AG1A CT2IUK KG6D ND1Y UA1CKC	1552 HL4CCM JH8JYV NE0DX RA9SC WN7J WQ7B ZL3TE	1546 G8BCG HL2ZN JA8ECS JE1LPZ OZ2RH	1538 JA4RED K2JL SP5JXK	1531 IK7YTT N5MT VE7XT WS4C
1568 BA4TB DL6DQW HL2VA JA0CVC KB1HY	1559 JG1LFR ON4ACG	1551 IK0WRB JA0NPQ JA6GXP KD4POJ RD9U W4WT	1545 EA4DUT I2DMI JQ2QHQ SV8LMQ VE1SK	1537 G4DYC JH1RVQ KE7W N7TR RZ3EM W4OV W6DCK WW1V	1530 5T5PA JA1DFK K7CMZ KB5UNX W3WST W7BEB
1567 AA3AZ DK5JI DL4UCS IS0MVE	1558 KI4TZ N4ZR N6VS N8IL	1550 JA8RRF K2TER N6EM N7VPN SP5APW WA4USA	1544 7L4VYK JA2ACI JH6DUL	1536 DL5ZB EA5GHD IK4FNF K4CGY W4MA W5FPT	1529 EA1P I1CMA JL3JRY S59SV UT2AB W6FL
1566 E77S IK8YFU LA5SJA RA4WE	1557 7M4CLF K4WM W1JGS YV5KAJ		1543 N3NR N5CQ N9JCS RZ6DX SM5ACQ UA6J UR5ECW VE6BMX	1535 K0IS K0SRL UR5WIF WC0W	1528 GW4BKG JR3TOE WA1SXX
1565 KE1B	1556 IV3AVQ R3DL RA3M WJ3A		1542 JD1AMA JL3DGI MW0CBC W2GB		1527 9A0W N3AO NP3CW W1ASB WB6JJJ
1564 IK4TVP N6RFM OE1PMU UT6UA	1555 EA4D IZ0ADG JH5HDA JL1OEC KA6A	1549 AC6BW IK7AGT K1CBK K3VAR K5AC K8LO	1541 IK4YCC JA1XPH	1534 DF2WF DJ2VO JA1AFR K2OP PY2GM	1526 DG5LAC DS2BGV G4DXW IK2CHZ JH1CML K1AJ

K8JJC	KY5I	1513	K0KL*	W3BNN	1500
UA9AGX	N6WIN	AB1J	N2YBB	W4UAT	AA4US
VA7RY	NA3F	AG1I	R3BM	W6ZQ	G4AYU
1525	SP3EPG	DL6DCD	UA9MC	1503	JL1CNY
EW2DZ	WA8A	JA7BAL	W4REX	4X1SK	K1FT
G3YBO	1519	JA9NUN	W7BQ	DK3UA	K1KI
G7SSE	AA4FU	K8EB	1508	G3XLF	K1VI
JF2ICB	K7DSE	KA5V	AD4ES	HB9BNQ	K4RDU
K2WJ	N1EVK	N9CDX	AG4Q	JQ1EST	KE8KMX
KE8G	WB4SON	R7IA	DL0WW	K8MN	N5VYS
UT3UX	YO9BLY	UA3DK	IK4DCX	KU2C	N5XJ
W8VI	1518	VE4EA	K1RH	N9LJX	N6NR
1524	HK6K	VE7UF	K3FM	ON6KE	N7QU
IT9ODQ	JE2KSM	WQ1H	NN6K	SQ7FPH	OK8DD
JG1LBN	JJ1VVB	1512	SV1NJW	UT7EC	R5AK
K0IL	JK1UVP	4X4MF	YL2EC	VK3NX	RC2A
K2CS	JP1HDK	EI8GS	1507	1502	SM0HEV
K4MY	K4HQQ	HB9FBM	IN3EQZ	HA2NA	UT2VC
K6FM	KD4SN	JH6WMJ	JA4GXS	HB9ERU	W2PA
LY3BY	RK9UN	JJ1QUV	KR4BD	JH7QLR	WA0JZK
OE3JAG	WA4NUF	JK1VXE	N0VVV	K9LCR	WB8BZK
W3KHZ	ZS2Y	NE1F	OT1A	KB5HC	WJ0T
W8WM	1517	NV1Q	VE3SKX	KF1C	WO5I
WA9JWL	HL4GAV	RA9LT	W0BBI	KN7K	WV8DX
WR7Q	JA8EJZ	UW2XW	W4NBS	W7IB	YL2BR
1523	K5TIA	VE7VF	1506	WA7BNG	YO8CRU
EA3ESZ	N0YY	VK3KE	CE3FZ	WK8A	1499
HK1X	W0ANZ	W1ZS	I2YPY	YB4IR	JA1DOT
IK0CHU	1516	W5FL	JA0ED	1501	JJ1OKK
JL6USD	EA5KA	W6ZO	K5DV	DK5RL	K5LY
1522	JG3RWX	WA2MCR	KB6CIO	DM3PYA	KF6A
CT3CD	K0GSV*	1511	N4NR	F5UKW	N7ZA
DL2RD	K0LB	DK8UH	W3US	HB9AGO	SM5APS
DL8DXF	VE1DUN	JA5JGY	W6GJB	HL2DBP	VE6TL
KL7TC	1515	JK7LXU	WR2G	K2SD	1498
KP3AH	CU7MD	K3WWT	1505	K2SHA	IW7EBE
UA9LAO	DL1MDZ	KL7TS	DF7AP	K9QJ	K4AU
W4UDH	JG6MQI	N1CGP	G4FTC	KJ4YLO	KA2CYN
WB2ZAB	KH6M	N1PM	JH3PAS	KO6KD	1497
WF1H	N1ZJ	UU7JM	WK9U	KU1T	JA4HWX
1521	N9LEO	W4ID*	YB2TX	NK5B	JR2IMJ
4X6GP	WB1AEL	W6DX	YU3MAY	ON5GQ	K5YG
ON6YH	1514	1510	ZS1C	R0QA	1496
SM6VR	KD3HN	F1RAF	1504	R2DO	E73M
WA5UA	KJ4R	KF2T	DJ6TF	UA1OM	JH1LAH
1520	M0TTB	1509	GM0VRP	W5DXQ	1495
K3NQ	N6VNI	AJ8B	JF1AGB	WA5CMI*	AK1N*
		JE4FNC	NZ5O	WB9PNU	EA3ELW
		JK1MZT		YB0MWM	
				YB2TS	

ON7DR	N8XI	W0IKD	1468	1459	KU9S
	W4PG		DC8TS	F5BEG	N9YB
1494	W7HUY	1476	JA9ESZ	HA5UK	
G4AFU		N2BI	KV4AA	N4MI	1450
KI4TWA	1485	W7IAN*	N9LQ	S50U	DJ5DT
	AA5N		W8LR	W0VHF	JA2BUR
1493	DM9EE	1475			K2QMF
GU4YOX	HP3TA	AA6RE	1467	1458	K5OVC
JA3CMD		G0SYP	JH8OCV	EA5HM	W4TUN
	1484	JA7MYQ	K8LN	K5QR	
1492	IK7YCE	J11UHZ	KB8GAE	K8CQ*	1449
K5NOF	K0MFI	K4IE	N1LID		CU7AA
N4PGL*			VE3MM	1457	DM5EM
W7FI	1483	1474		IK5EKB	KC4HN
	4X1RU	PY2RN	1466	OH1HB	KP4DS
1491	JA3WMS	W2GDJ	EI4CF	PY3VB	KQ5M
I8NHJ	JE2VFX	WV4V	JA3MIO		LA7EIA
K0JN	K1EO		JH3KAI	1456	N7TM
N6DHZ	K6LPO	1473	UA7T	LU2AH	
ON4LG	RU3UN	LX1KC	W8AKS	PB9FN	1448
W8BI	S57UX	NX4TT		W1EBM	JK1EBA
XE1ILI	W0OGH	W9NJY	1465	W5RDW	K1IED*
		WA4MIT	JF1MTV		
1490	1482		K5YU	1455	1447
JA6HUG	DL3IAC	1472	K7VC	AK6A	AF3X
JA9APM	I0GKP	CT1BOH	N4UFP	ES1FB	G0MTN
JE1NVD		JH1APZ	N4WE	JH1XXB	J68HZ
VE3QAA	1481	LU2DSL	NZ6E	K2KIB	K9KDS
	DL4FCJ	N6AWD		UT5IP	WA3GM
1489	KK8MM	W1XV	1464		WM4AA
F9CI	NU2Q	W4WG	W5BK	1454	
IZ0COK	W2TX		WA6POZ	JA1NLX	1446
JR2BJE		1471		JA1UPT	JA8ANQ
W1LY	1480	4X4JU	1463		K0QC
	K0XN	AD5WB	IW0AFS	1453	K3SF
1488	KX1A*		M0URX	KD2SC	KH6U
CU2CE	N7GCO	1470		N9CO	SV1XV
K8AJR	W4UW	DL2CC	1462	W5QP*	YO9IKW
W6JTI		IW2ETR	DJ1OJ	WA4TII	
YO8RSL	1479	IZ8DUD	IZ8CCW		1445
	JJ1KXB	K0BRO	JG1LRE	1452	EA1PP
1487	K4KEW	KF0RQ	VA3HP	DS3EXX	KJ4UZU
JK1WSH	K8ZH	NU4B	WB3BFC	EC7B	KT8D
LA8WG	VA3AYA	WS1F		G0BBB	NJ5N
N3AIU	VE3UTT		1461	JE4NAN	
N5UE	W0YK	1469	JA7GAP	K5RKS	1444
N6IG	YL2CZ	HB9CYV	N0OK	KB4CRT	JA0BOV
W4PGC		JM1ESG	N9OY	XE1L	JR4ABB
	1478	K8AJK	VU2LBW		K1KNJ
1486	A71AM	KJ7TEA	W1FC	1451	K6KR
DF7FC		SM6WET	W5SUM	JA2XLV	W4QG
JA1VRU	1477			JE2EBT	W6SIY
LA2IR	G1VDP			K4IA	

1443 N5DT PV8DX W8TM	1436 AD7L KK4CLY KT4O NY4G W5SWV	W4WJ	HB9DQD JA3AYU K0IO	1411 AI9U DM5JBN W4KK	JR1TNE LX2SM ZL3PAH
1442 EA1AZ K3VPZ K4NC KO4PY KP4N NN6L R7LP SP7UWL WA8RCK	1435 A92IO IZ0FUW K1WO PY6HD VE3FRR W3WH W4GF	1428 DL9MEN N3HBX W0FG WA0WWW	1420 JH7VTE KM2L	1410 JA1BON	1402 5Q2J JE6HGL UA0SE
1441 DL2VFR K7PT* K7QBO KF4ZZ UR4QFP	1434 CU3BL JH8WXF JI2KUJ KE1R OZ6EI	1427 JF2SKV W9UM WC1M	1419 A92AA JH6WHN JR6DM LA9PJA OE5TXF W6SHY	1409 OH1WR W5KFT XE1YD	1401 JA1DXA JG1BKX JM1JZN VR2CH VU2IBI
1440 JA8BOV NE5S	1433 JA6SRB K7ORK W4HOG W6OPO WC2C YB1RUS	1426 9H1EJ DL2MIH SM4GVR WA5KBH	1418 K4GO KN9P W5GJ WA8CDU	1408 AB9M EA2AGV G3VQO JA6XE JH7WQX N0TK W1GF WY0V	1400 JJ2KDZ OE1HHB OZ1RE W7NP WA2BOT WP3R
1439 DL1VDL DL4FDM K4EA K8LY KJ6Y N2XQM XE1EE	1432 PS8ACL W3IZ	1425 DL6NW IK7HDY JA3BKP JH3PRR K0XR UA9FFV W2EQ W9BS	1417 JA0NZR NX9T PY3SB W8HB WA3WZR	1407 K3ATO KM8AM	1399 F5AQB JR4VEV N2ED N4UA N9RD NA8W ON4EB WZ8P
1438 DL7UGO K0COM K1TKL W8PI WW5G	1431 JR7ILA K8MVZ KK0DX W4AO	1424 A61BK G3PSM N9LF W4DTA	1416 JH1SOD	1406 I0EKY JA0MRW N4VN N5TF VE3YXO W6DPD	1398 K0SQ K8JRK KG5VK TF3JB
1437 G4PVM KC2SST N9DR N9IO NG0G VE3BZ W0ZR ZS6KR	1430 W0PE	1423 AA1M EA2AA N1BZ N3FG N4NQ TF3Y W5AP	1414 JH5RXS W4AXL	1405 AF4CD IK0TUM K6XJ LB5GI N1WON XE2YWH	1397 HB9BMY JR2PAU JR4LZX W7QC
	1429 AA4ZK EA7AN EI1DG JJ1LID OZ2ABI TA1L W1MJB W4HGW	1422 I4ACO JO3WHB KB4CL W5LUA W9SE	1413 DK3PZ DL4ZAB DL6NDW JA5XPD LU3VA N6XT RX3BP WB5ZAM	1404 AB6CF JH8KIY RN3QO	1396 DJ8WD DL9DRA K4MQM NG6R YO6HOY
		1421 DJ4KW	1412 K7PO WA2VQV	1403 9H1AE AA8SW JA1ERB JA6ENL	

1395 JH3HTD JI8XLD K2DH VA3IC W7KW WD6T	W1PR 1387 VE6SH W5EC 1386 IW7DVM KE4FW W0SHL W1GY 1385 8P6SH KG4JSZ N5OHL 1384 JK1LUY RW3SU SV1IXK UN7BK 1383 F5EOT JA4FCV JH1XFR K4DET KN7D OE1JIS OZ7AM 1382 DK8IZ E73D K3HW KC4HW KD5QHV KJ9X W0RXL 1381 DK3TL K7WE KK4XL WB1ASL 1380 KB9LIE KE5BR 1379 I5GKS	JA8EKU K6UXO KB7V N0IW NV4A OK4YL 1378 K9JE* UA1CEI 1377 DL8TV KB1DMX PV8ABC W4DN W4PRO WC2K 1376 DF9HI EA2BFM JA2LHG N7JB NA2R ND7K RA3CO 1375 IZ7GXB JA7SFD K4TXJ KD2GC SM2OTU 1374 DJ9SO KC2STA NI7F W0MS WB4CW 1373 K1TWF OH2LHE W2PS W4TNX 1372 AC4BT AC9O OE6VHF	1371 E70A HB9ESS JH8LEY K4JPD N2DXJ WB8EJN 1370 KP3V 1368 N4LV PA5A W1GQ 1367 DL5CT K0FF KB9AIT N4XU* W6ZPL 1366 G3VAO K8GWU 1365 G3KAF HB9BEM IU8IYE N2FY PY2OP 1364 JA1UOA JA2CGH K1LTJ N0YO N3KR W9GE WA8LOW 1363 9A3NM K6EGF NX1P W6FEL 1362 DL2TOS JA1TOU JH1DSF	K3SUI K4MV K6JAT* PT7CB R3BB UR9IDX W4RQ 1361 IK0WMJ IV3KCB KM4A TA6N 1360 4Z5IW IW9DNI JI1QIO RU3UR W9DCT 1359 G4ZWY IZ3GOG JA2QVP OD5YA WA1NXC WI4T WI7P 1358 LU4FW N7TP ON4CN 1357 DF1IR IK6RFQ JA1VRY K5CQT KC4GL TA1AL W9ZT 1356 K5HTE K9SUH N0TR N9PGG 1355 HL3EHK K8EJ	KI7HO WA6URY WB2KSP 1354 DJ8SN I1PLX IT9JPS IZ2EIH K0LU W4DCY W4WX W7VAS W8SET WA5TXY 1353 HB9EXQ KG8CW 1352 K2CDJ KA3CRC NC4AA NZ9Z* S57AL WS4H WX2U XE2B 1351 HB9IJC IK4HLO K1OYQ 1350 AG6HE EW4A IK2HDF JA0NFP JI1CYX JI3KHV K0QB K5EWS LZ3CB N4QM W6KGP 1349 JF3SFU K2QL WT9U
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1348 AA7UN AK3E JA1ITJ N3AF RX3APM XE1MW	WB2GOK WD9Q	1335 JR3XUH NC4MM SV1CIB	1328 F5NTV KC5PL KW4J	K3JWI K4LQ K4NST R3QX W6HYI	K4JUJ K4RW N2BT WB7VNY
1347 GW0ANA K3BZ K8VD N4TD	1341 I2KBD JE0ART JG4NNS M0VAA N4MEC W4UT WD8LTM	1334 AE4AN JH1OVY K7RR SM7DXQ W5TFW W5WS YB0DJ	1327 BX5AA DG1NPM JA1PUK JF1JTQ UA0APV W0IJN WR5Y	1320 DH4JQ JA2DLM KT4AC NR0T PY8WW TF5B W1RG W4WN W6BBS	1314 EI3CTB G4IDL I4JED VK2AAH W2FCR W8AF WB4KTF
1346 EA3NY HB9VAB JA6JPS K5DCW VU2ABS WA9BZW	IK5LSQ KB0EL N6VH	1333 IK2RGT K5GM ND6S PT7YV WD8NVN WV9L YO3HOT	1326 AC0B JE7JZT W3TC	1319 DL3ZH EA1EA ND3F RN5AA VE7VV W2SKI ZS2I	1313 IZ7EVZ JA1DCO K4ZA KP3R N0RR TF8GX
1345 F6DHI JG1IEF R7FF SP5DL WB1DX	1339 AA4EA HB9PUE K1OR KM5VI KP4DKE	1332 DJ6BN JG3WJN JH1HRJ K4KAL KA3GWD NA5S NR4M	1325 G4NBS IU0ICA JJ1BDX K4GHS N3WD OE1TKW SM1NJC SM5AKS W3NRJ		1312 F4GVO W4PV W5LO WQ8T
1344 DL1QQ IZ3GOO JA3HBF K9HQM LU2JCW N5KA N5VR ON8VM PY2ADR WA8VSJ	1338 9A9L* AJ4F DL2VWR HL1VAU KM2O SM2HWG W4PGM W7PAQ ZS1DX	1331 JA3KWZ JL1BTJ RA3SD WZ4RC	1324 HA7GN KI7M SM7BHM SP6OUQ	1318 DD3KF K0HQW	1311 CT7AUP KD4OS VA7XX W2GR W4HM
1343 G4VMX JK3GWT	1337 KF8PD KG4USN	1330 DL3ANK JR2ATZ K3LA OH3TY	1323 DJ7WG	1317 EA1KE JR3ADB K3JM K7CO KM4HQE KR4U N1SZ SM0W VE6SV	1310 CT1ESO DL5KUT IK0PRP JR6GHN K0AU K7JH VA6JV
1342 AA8M DK8FS HK6P IK0PRG JA0JPD VA3VET W6VNR	1336 AB5YI AB6Z JG2LGM K6JW KP3V* KU5B LA3PK N9HF VU3WEW W3DQS W4QNW W8VK	1329 IZ5EKW JA1MLY KE4WI N4KM N8HRZ W6HGF	1322 DL6KVA G6NHU IT9CMU IZ4VSD JA9FO JI1QZQ W4DVG W5JE	1316 F4FLF GM0VIT JF7NNI K2JK K6ZP WA2QAU ZL2AO	1309 JA4FKO JG1BOK K7WK K8ARY KN4PPD UB3A W1JMM YV5JGO

1308 DL1SVA HC8N N4HGZ N9RV WD4IXD	LA5LT N9AVY W5HMK	W1PY WJ2R	JH3GRO KC4AA WB7BBQ	WA7HQD	W3HKK
1307 N1BY NK7C S59DJK VA2LC	1301 AA4MM M0OIA OK2RZ W3ICM	1293 IK2WPO SM2YIP W9KVR YO2LLL	1286 DJ2RB K2DF KA1API N5TU VK2HV W3/NH7C	1279 JA3BG JA4VUQ K4GN WA2ALY ZL1ANH ZS1EL	1272 EA5GXI HB9DRS JE4WOK K4FDP KB3LIX NA5NN SM5BFJ
1306 AC2G AI2S BH4SYG CT1FJK DJ4PT HB9FAX IK8MRD IZ6ERS K2HT W2FB	1300 EI7GY JE6UWU JL3OUW KJ7NO N5XE WU4B	1292 HB9GWJ K8MRT VK5CE WB8IZM WY7FD	1285 7Z1SJ K1ZJA KG6B N4ANV NU0C W0JMP W4CMM	1278 JA7KQC K6LD N1EK PA7MM W9OSI WX0Z	1271 DL7ACN ND6G NS4X W5GVP
1305 AA6PI HB9DVO K0TV KE4KMG WD0EVR WT2P	1299 CT1AUO	1291 AE6Y K3GO K9ZG SP9TPZ W8FAX W9MAK WP4EJH	1284 K1PTF K5FXB KW1DX Z34K	1277 K7EV N3AE N3ER W6DVS W9DX	1270 DL2AMD I0YR JA6JYM R3QJ WM9Q ZP6CW
1304 4Z5GV DL5JS IZ8DEO JA3DAY KI3O WG0G	1298 CT3BD K1ROA UA3GT YB1AYO	1290 BG8PA DJ2UU N6DNU N9MW UA1CGS VR2VAZ	1283 EA1AUO JH7IQQ K8DJC	1276 DL5KW F5TMJ I2LXA IK0ZIO IK1ZOF N9DD NY6C WB8RFB	1269 JA1FVS JA9IWR RN0C SQ5NRY VU2DCC W0ZT
1303 DL1SDH JA1XUY K0ABC K6GFJ K8WHA W9RB	1297 AB6L JA7JND JA9BEK TA2RC UN7TX	1289 JJ1PFC OZ7QB	1282 A71EM CU2AF JE3PCP JL1IHE K9MX VE3TM WW4LL	1275 JA1PBV JH2PWM K9KEU KF9UG UA4PT ZL2CC ZS5LEE	1268 EA5XV F1JKJ G4DDL GI4OWA I8PND LB2TG NJ0F PY2XAT WW1L ZP9MCE
1302 4X6KJ JE1CSW K2MHE	1296 CE3EEA NE8P W3KHQ WX4F	1288 HB9FAZ I5SDG JA1XQC K6RC K9JP KF2OG KF9AF N1KX N7NR W8MSP*	1281 DJ9CW I0NUM JA4SSM KB5IY KC9G VE3TKI	1274 JH1EVD K1BZM OH1ECQ W2UB	1267 G3PLP JA4HDO JH0CLK K3TRM OK1ADM YU1FJK
	1295 AA4UC G3GAF G4SGX KI2D PA3FWV W2NY WB9DLC	1287 CT3BX DS4DRE EA6AZ	1280 JA3MNP JR2BYJ W7GA	1273 DL6RA NS7K	

1266 GM1BSG JP1GUW K1TU K4ZNC KB2S SM0NUE US5CB WA6KHK	G3HSR JR3VMJ OE7FMJ OK1MBW SP3FYX UZ1WW WW8RT	OH1LAR PY5VC	UA6XT W3TI	JL3JTD K1JX VE7VZ	YO3IPR
1265 EA3HDZ IK1NLZ JH8NQV N2MEE OZ1BXG W5WI	1258 F4CPF HA5OLA JF7RJM K1TZQ KX7DX N4CQ W8PAT	1252 9A6T AA9D AB9KZ K0KO K2RNY K5DNL LU5FCI MU0GSY SM4BNZ	1246 DJ9BX I2XIP K1XE KN9N KS4V N0VD N9OF W1ECS	1240 JA2CPD K2FL* K4KL KX6C M3DFW	1233 DL4HRM JA3IWB JH0LME JR3MTO K4SAF SA3CAT
1264 DL7AA HB9Q K8CR W2EJG WB0OQV	1257 4Z5FL EA8DIB IK2GOQ IK8TEM JA7DOT JH3LCU JR4CZM N0ACH S51DV VK3OT	1251 EA1WX HL4RBR S51AD UA2CZ VE3VV W8LIG XE2AU	1245 9J2BS AB6BT JA2JID K2SZ KK9M KQ5U N7RP VA3NXM W0CK W4ARK W5MF	1239 CE3CT DL5MM N9EAJ W4MPY	1232 CT1DSV EA7LS JJ1DJW N5HC N8NH NM1G SM6CGI WB6AXD YB0AZ
1263 HB9FAN OE7SEL R6MO W0GN W7XZ YO2BS	1256 JE1CPB K4MIL MOHIH VE3PJ	1250 AA6XV JA0HWF JA1TGO KB8U R4FAN SM3CZS W4TE W5SJ	1244 AA5B NI4Y A65BD NN7X	1238 4X1VF DL7BO LZ1XL VR2PX W6PG WC4V	1231 JA1PLT K4AV W2FKF
1262 7J1ABD HB9FAI JA9CGW K1FE W0UVC	1255 AB2DP F5IYJ JH1SWD JH4VDP NE5W UN7BY W3HER	1249 CT1HHP EW7DK HK3CQ JA4CSJ JR0QFA KK6T RZ1OK	1243 K0YL OH1LR OZ9XU WA7RLL	1237 EU4T K7EKD KH6XT KR0O N8RF	1230 DJ4DN JA1QOQ JA4OPW K0ZR KX9X N9QQK SP7MOC W2IZN WA2C
1261 IK5BSC K3TLP K8LBT WB8Y TZ	1254 EW1LM K3DFL K8OD WW7Q	1248 IW5EIJ K7MY NZ0T SV3RKM	1242 3A2MW AC6DD G6GA IC8SQS JA8DBU OV5O W4AVY W9XQ* WA8Y	1236 JA1SZN JA6MWW KB2ZPB N8KU OM0AST R2AB	1229 AA5TL EA1AHA IK3GBG K0GEO K4MQ LA7QI N0FCD N7TK W3JXP WA3IIA
1260 HB9HBZ K9GY	1253 JH8CFZ KM7DX	1247 AA0FT JP1EWY KC9K N6ORB	1241 EA3NG JF3DRI JH4CPC	1235 EW7A JI2EMF KD5R W6IZT	1228 IK0OZD IZ0CKJ JA3BLN
1259 AA2DT DF3FJ				1234 K4LRX K6RR KD0S N9NM VA7DXX W9GM	

K0UU OH1XFE UR7CQ	1220 G0THF HA3OU OH2TA WA1HEW WT1L ZL3NB	W5MO	WA8LRW	JH2VVH JH6RTO ND0C W7YED YB4CHP	1194 N6VI R2ARR
1227 JA9EEH NZ0O WA0BZA	1219 CU3HN K8YE WA4TMJ	1212 AA2IL DJ0AH UU2JQ W0MAN W1UU	1205 JA8IUB K8YAH* KC2THY	1199 JA0TEA JE7ETY KF3N N2ZL N3RR SV2DSJ W1DXH WE2K ZS6C*	1193 EA5FCW R5AA WB3AVD
1226 CE3BT DL3BUE HA5FA HB9DLE JA1IFD JA7QQQ K1PT N7UJJ PJ4LS	1218 AD6DK K4VZ	1211 I4FTU IZ3KNK K3XC KI9A W7JET WX0Y	1204 G3CWW IK5BOH/2 IK8OZV JA0BES JA0GZZ JH2NWP JR4PMX PP7LL SP6MAA WA9DU ZS6RJ	1198 AB5GU AH2O DM2HK J11DMH J11FXS KA5VFU	1192 DJ0IF IW1CAB JF1CPH LU5OM NC6K
1225 DL6WT JK2VOC WY4I	1217 VK7ZE W0VD W2OL YB0EIN	1210 G0FWX JL4BSE K5VR LA1CO WG9L	1203 JF7DZA KA7CVJ ON4AGX SP1NEN W5RZ	1197 DS4DBF HB9ACC K4GM K4OP N7KDT NW6V RU0A	1191 DL8OK KS4XQ LA9VBA LU9DO OZ9GA W0SA
1224 AB4FH HK4EI JH4ADF K1WNT NX4D OK1UU	1216 DF2QC HI3R IK2GAJ W0IZ WF4B	1209 CT1IW DF7GG EA5BD EW4C K4EQ N6MA OK2FB	1202 EI5GM IW4EII JA3PRM JE7LHT K2RSK N8WD WP4CQ	1196 DL1ECG EW3CW JA6WIF JE2RBK SQ8J W3ATV W4EJG WA8IQF	1190 DD1JN HL2FDW IV3BBR KJ5Y W1BYH
1223 AE9DX DL0AVH EI7JZ IK6ZDC JA1CPU JK1JAS K9IA OH3PYY PY2HH W4DSM	1214 EA4EJP JA0FLL K5TU N5RZ N9BVA WB9IWN	1208 K3PH KB4KBS KJ9B N3ZP	1201 CT3EE* HL5YI IS0/YO3RA JR6PGB PW7T W4GH W6CN W7RN WA4YYM WW0E	1189 AA9AA F4GTB G4YCS IT9IPQ K2GLS N2ZA	1187 IQ2VA JG6CDH N3HYB SP3UY W1DAR YT7T
1222 W5RY	1213 JH4GNE JH8JWF K6VVA N9FH NK7Z S57TA W4NK	1207 AG5CN DJ3CQ JA4KDT JL1MWI KF5WCP NM9P NS4F WB8EKG	1200 DD0VU EA1NK JA7FVA JF1KML	1195 JJ2PIK K5DB LA8PDA NN5E UN8GA W5WZ	1187 G3EKJ W9PDS
1221 JA1QVR JA3AOP KF8HR PR7AB		1206 K7SO W4UR W5SV			1186 CT1EPJ

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1184 DL6ZBN HA8FW JA7MNF JH8BOE K4JGR K7YZO LU2DX NR0P	1178 4F3BZ AA9WO AC6T IK0CNA KT5V	1173 DJ3GW DJ3XD JA6CM JF1KIG NN1SS VU2DED	1165 EA4S JR1LZK JT1CS PA5CW WA3WNT	1158 DD9WG JA2AXB JA3AAW JA3VUI JH1BUO JJ1IRS K1YT N2WM W6IS WA7YAZ	1153 EA1WH F5MZE IT9YOZ IZ0LNP JR7COH KD8FO N1FOJ N4TZ VA3YP VE2NGH
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1182 JH1BNC KI5T N4ST N5KUC W4HY	1176 AD0TR CT1DIZ IK2WSO IW0AGX IZ3XEF JA4DEY JA9LSZ	1170 K3CWF K3SW LZ1CY PA2R VE3XO* WN0L	1163 JA3EUB N7FF NI8Z RU3U W9FF YO4NA	1156 IK5IFH K1VSJ K3WJV KM8V PH7A SP6DVP	1151 DK7VW* JF2QNM JH1AWJ K1WY KC2LSD N5CR
1181 K0XM K4RMM K9BQL N9IXD SM0EUI W5XU	NA6O OZ1DSD VE7ON W9LQI	1169 7N4OBV ES4AW K2FJ VE3XB	1162 DL9GOA F4DSE YO9GJY		1150 AF6PK DS4NPL JH8CXW N4UP N4WMB RM4C WX3P
1180 G8APB IK6DEN K2SG KD9ZR	1175 CU7AJ DL7XU JH8LLE K9BO LA1J LB7Q N1RP	1168 IK4RQJ JH1CTV NE1RD NT5O	1161 AA4OC K6ME K6VV N8DC UN2G W7BJN	1155 JI1SVY K6ASK K7JY N2CJ	

1149 KP4JRS N8AID WB4M	UA9AEU W6MYN WF8R	RN3A SP5ZCC VR2IL	DH8GV HL4GHT JA2THS JH2MYN K5OO N3OUC N5BA UA3LIU W7AM	I1LGR JE2SOY PY2FZ	JA4OIJ JA8ALB JG2KKG K9KU RJ6J US3IZ
1148 OM2AGN WB4KTC	1142 JH1HGI OH2DW WA5YOM	1135 EA7LL HI8CJ N2WN RN7G VA2MM WA3YZD		1122 DD0ZN E20YLM NR8Z SV1AOZ UA4ARL YB9AY	
1147 EA8TK IZ1JIZ JE3FOR JG1WNO K0UBR K5WQG NT9F UX7VA	1141 JA1SHC KZ1X OM3CND	1134 IK0UUM OH2BC PY2AB VE3KKB W7VV W9HZ	1128 AK4AO DS5JMG EA1T K7KJ KB8DID WA9JOQ	1121 IK0XKP K9DY YO9FFX	1115 EI4HH HC1HN IZ5BYJ JA4IXI KG6WIK KI6MQX LA7MFA NU1T WO6T
1146 DF3VG JQ1PCX NG3J ON7LX R0SR W8AAX* WA7AVL	1140 DJ4JZ DJ9FK DL1DH JA1AKL JH8FIH K1BG N9RE NW8U WQ5C	1133 AD4RE JR1EYB SV3EXP VU2MSA WA4AFE	1127 JA0AVS	1120 JH1LZU KC9WPS N3YZ PY2CP W1RZF	1114 KA4H KE1IU KK4BZ W9AP
1145 JA5BZL K4HEB K5MO K9QA YU1JF	1139 AI4QQ JE2VYM JR0RBY KC1ERO LA6ZFA LB2EG SP9PRO W5MJ	1132 JH1GNU K8ZR UA9JLL WB2UFF	1126 AD4EB W5HY	1119 AB4H HC1HC JR7HAN OH8JK SP6BXZ WN1M	1113 DK4MX DU1KT HA5KFV JF2ERJ JM1CMA LU1HLH R9HBF UA4CX W4PJW W5TUF WF7B
1144 EA5DKU F6IMB JA3RAZ JE2FJI JE7BUH JR1KAG M0MCV N4GBK NA7RH W8GU	1138 AG5Z EA1IO IW4CIL K8POM LA4RT	1131 CT1ETE NW7US WX5L YO5OEF	1125 7N2JZT F6BLP F8GB JP1GVC K3RWN KA5M KK8X N2IC N3GS PT2ADM SK5PZ	1118 AL7LO DL1MAJ G3YFE JA1CC JR0GXA K9AAN N4VAN	
1143 EA5BZS ER1LW F8AMV N6TR R8IA	1137 K7VL KZ2R NN5G ON4CCN RA0LQ	1130 EI5JL G3YSX KG2GL KJ6MBW N6XG W3XX W4CC W8TOM	1124 EA8TZ K0MP KD3UY N1AAM VE7NY W1ATV W5FK W6AYC W8WRP WM1G	1117 AA2WC AB9YC JI1BJB K0NV RX3X	1112 DL6DH JL7BRH JM7TKK KN4FO W5SG
	1136 CP6XE K8CC LZ1MDU	1129 AK6I BD4SX DF2UH	1123 AC7ZG G4VWI	1116 DJ7AO F5JGA IT9ABN IZ4COT	1111 DD0VE IW7DOL W4CZ
					1110 DL1CF JA4GCF JA4ICR

JR1SLU	KS4WA	1100	1096	K4YL	W7WRJ
PT7NK	LB8CA	DL7LX	AD9DX	KR4DA	
SV7CUD	UN7ED	EI9E	JA0HXV	W1MI	1085
WA7HR	VR2ZXP	ES2IPA	K4CA	W3MRL	AI7W
	W4NF	I0ZUT	NZ7Q		JN1RFY
1109	W9VA	IK0PCJ	RG7G	1090	LA2LI
K3FT	WB5TOI	IK6CGO	VU2NXM	CT3FN	NN8L
PA0VLY	WO7V	IK8IPL	WW5L	EA1K	VE3EDY
RT2O	WX8C	IV3IYH	XE1RCS	EI6JK	VE9VIC
RW6MBC		IZ5GST		K3IXD	W4OWY
TA1PB	1104	K2HJB		K4WJ	YB1TQL
	K7MH	K4IJQ	1095	UN6TA	
1108	N7EO	K7PTC	A35RK	W8SP	1084
9A2GA	OZ6TL	KH6DX	I4UUL		AA4QE
AC8L	W0ZX	W4BH	IZ2USP	1089	AB7RW
AD4XV	W9BB	WA5YNB	K3UW	JA8AWR	AD5MD
AJ4IM		XE3E	TA2AD	N9AI	KB4FB
DL3NM	1103		W9KX	UR6QA	KJ7WY
K4ZMV	AK1P	1099		W3MS	WA9IVU
N1CC*	DJ5KL	IZ7GIT	1094		
W3UTD	IK5XLB	JH0IEW	8P6ET	1088	1083
	JA8NSF	KB0V	GM0NAI	AA2VG	DL1ASA
1107	K7PT	KK4ODQ	IZ0HTW	AA5VU*	HG6IA
DK2GP	NC4RY	N0RQ	KB4EE	EA7OH	K0TI
EA1AA	RD8X	YO4PX	LU1FM	G0HSA	K5VG
JF3AHI	RN3TT		N5RP	JA1DJO	UX7IN
K0JJR	SM6TKG	1098	W0CO	K4AVU	W4DFU
K1KU*		AC8TO	W0YBS	K9UWY	
K6IRA	1102	CT1EGW	WB2AA	KS4L	1082
K6JJ	DS4CNB	DJ3EJ	YO8OY	MM1PTT	4Z4OQ
KE3ZT	F8DZY	DM1HR		PF1MO	JE2DJC
N4KEB	K1GND	E72AD	1093		K4FK
N7GVV	K3NW	IZ2CSX	DK1MM	1087	KD8MQY
VE7ACN	N3PV	K2UT	DK3HV	5P5Q	N4QK
	ON6ZV	K4OTV	EI5KO	HB9HHH	TF2LL
1106	PA5O	K5YAA	EI6AL	JA3DBD	UA4HDB
G3PMR	VE3GYL	KA8YYZ	I0BJV	K4ODL	W6MVW
I2DJX	VK4OQ	PA1MVL	JN4FNZ	KI4YY	WB8YJF
K0KM		SV4FFL	OH6OK	KO6LU	
K2UF	1101			N3NO	1081
K7IA	9A2WJ*	1097	1092	N7LAN	K0FG
K8RCT	AB5RM	AD6KQ	G0UII	N7RVD	MM0BQI
RT0Q	HB9JNM	AF8C	KD2OV	NB2P	SM5CCT
W0QD	IT9RDG	AG8L	KS4Q	PU2POP	W7JWM
W2OSR	IZ3DBA	JE3CYW	N4WD	SM3DTR	
	IZ6ELF	J11DCW	ON4VT		1080
1105	JH1URT	K0YY	WJ1B	1086	EI9CN
AA5H	LU7HN	K5TDA		ER2RM	JK3NSD
DJ3AK	N2SU	N1HO	1091	JA8DRK	KG7CW
IK7MXB	W1XK	N9EN	EA5ZR	JG1EIQ	N6JM
IV3NVB	ZS6NK	R3LO	F5VHJ	LZ2TWY	NR2D
IW7DHC			G3XVF	OH5XB	W5IO
K8TS			JA4XHF	W4JDS	W7PC
			JH6JMN		

1079 AD7KG CP6UA IC8TEM IK6IHN IZ8EYN JA2QPY JA7FSB KV2S LU7DW W0BM W0RI*	NN4DF NT9E PA5KT YB2IQ 1074 JE0EHE N7PIB W1WN WA4VJK WB6RAB 1073 G3VSQ JF3GFH JM1GAW K2TA LA3SG NE3K RA6WF SP8MVC W1DDD 1072 DL3NCR IZ4IRO IZ8BRI JA5ALE KF8N* LZ1JZ RV3DB SP5GQ W5PD ZS2ACP 1071 F4BDG LA2RZ M0VCB ND9M NK9O VK3MB W4DWS 1070 I4KYO JA7GZM JO1ABS N3PPH NJ9C 1069 JG8NKJ	KB8KIM KD3TB N0HJZ SM3OMO UA9UX W4GV W4HPW YU1NR 1068 BW2/JP1RIW CP4BT KB8NTY KO6UW N5DI UA0LDW 1067 JA7EU K9WZB KN8F KS0T LU4DXU OZ7BQ SM5AFU VO1NA W0JW W1TYQ W4MBD 1066 DH5MM IK1DFH IT9RWB K0HB K1TO N8TFD OK1DO ON6LY W3ZQI WQ5T 1065 CT7AUK DO4DXA EA4BHK K4PKM K8YFM N4DJT N4UW W4MOT	1064 DS5WQT ES2BL JA1DHY WB4PWZ 1063 IK6IJF JF7PHE K7GA VE6PL WN9Q 1062 I8DPP JH3MHI W1JFK W1USN W1WEF W4KCM W8ZR 1061 F8DQL G0MMI JH0NBN KA4LBD LA9SN NF4J NZ5F W0UY W4AEJ 1060 EI9HX G4GEE JH0AKV N5UM W5IP W9IM 1059 DL0UM K5AX KI0G LA1FH SV1PIZ YL2CB 1058 9A5MI DU1IVT JA2BL	JK1DDG K0WK K0XX K8TE KE9UA LA4JGA N6JOJ W6QO WM4D 1057 N6TV OL1HQ W5MT W6PH 1056 JA3EGE JO4JDU K0GK KC4LZN KJ4FZ N0PFE N1DC N5JC W2NWU ZS4JAN 1055 I8NLC UU5WW WB4OMM WD4NGB WW1WW 1054 JA0CRG KB3KJ N4NM SM2LKW SQ6SZ* TA3J ZL1AIX*	K9WMS W3PT W3ZL* YB2BOB 1051 G3VXJ K9JJR K9NS KB0FHP LA7NO N2RD TF1A 1050 DL6GBM HB9FUX JI1SAI JR2BNF K0MB KB7QFE KX2B NJ4V NJ7G W8RHM 1049 K5UN KB1W N3COB W3EP WV1X YO8WW 1048 EI8IQ F6FNA IW1PUR IZ1POF KH6CQH/W7 SM7GXR VA1SEA WB0RUR 1047 DM2DXG K0GVT K2IE K3ZK KF6E LA2RR M0PCB N4LSJ
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N6IBP	K4NTO	JH6IMI	LA8ZAA	JA5OP	KF1P
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V31MD	PA2TMS	SP5AMN		JF3VEC	W6OZI
W4ZV	S52R	W4GHD	1031	K3DQB	
1046	W2KNG	W4GKR	4O7CC	N3DV	1021
DL2MWB	W7BC	W5QZ	K1JE	UX4UM	DL1DCT
K1EDG	1041	YU1LD	K8WVA	VE2WY	DL1SWN
KU4GC	A92BE	1036	N2MFT	W2WGK	DL7VSN
N8JK	JG2NLN	DL2UR	NX7K	W6WRT	F5TJC
R6AZ	JM3XZC	IZ2IPF	OZ1NF		K4VX
W3OU	K7RAN	JA9RBZ	1030	1025	KC0V
W4ALF	N7WR	JP1LVI	AC9A	AC1O	N7WI
WB9MSM	W5HD	K2QE	AK9B	DS5BRE	NA9L
1045	1040	NN5O	JA6COW	G0KRL	NO2C
AB4EJ	8P5A	UN5GM	LA6VQ	RL8C	OH6JKW
HR5/F2JD	AA0BH	UY0MM	SV1DVX	RV6ARZ	W0ZA
JA1JQM	AE4VJ	VU3NXI	W1LE	YB9WZJ	W2YWC
KK4MA	DF5DH	WF7T		YV6BTF	YB2BNN
N0LD	K3MI*	1035	1029	1024	1020
NC7B	K4LCP	EA7DAP	CQ0ODX	AE4WG	JH3FCF
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KB3MXK	CT7ABD	W6VIO	ZL2LW	K6PBF	WB9TFH
M0AQM	K9IO	WA9IVH	1028	LZ1QN	
UA3EAY	KB8DRK	1034	DJ2TG	N4GOA	1019
WD5IYT	KX5M	JA1JYS	IK1RKN	N6DW	DK6BT
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HL1XP	WB8TGY	LZ1PM	SP6FXY	4X1EL	JH8UGL
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JH4EIY	IU2ANW	EI2II	WA6APQ	F6FFA	KB1AWM
K1GW	KT1V	JA1VDJ	YB3OSE	IU4AZC	NC7M
K1XH	R3QF	K4FW	ZS6X	JA1MZM	1018
N6ZM	VE2OWL	K5JF*	1027	K1LEC	IW2CAM
SK6QA	VU2SWS	KK5J	4K9W	KI6PG	JL1JVT
SV1IZY	YE1AR	KU4A	AK0MR	N7YQ	K4HR
1042	1037	M0RTP	DJ9HQ	RA3T	K9AQ
AB4ZT	AC6ZM	1032	IK3XJP	WI9WI	N3GTG
AG2J	IK5SRF	9A1A	KG4VPC	1022	OZ4RT
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K1ETA	JA7JAA	IZ2MHT	1026	G4CWD	VR2CO
K1QN	JG3KMT	JF3LGC	DS2GOO	I0LTX	W4LLP
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				K4BYN	IZ0COI

JA1GLE	JH1KIM	JA2CKK	K5FO	1002	AI1W
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JA3KKE	K7LAY	K4SBZ	KR9A	DL1ZBO	DL2DCX
KI0HA	K8UHL	LB8OH	N3EEN	HB9FBA	EA3HPX
KY6AA	P40P	OH1HAQ	NJ6K	HB9FKK	EA4EQD
RA3AOS	RA3AA	RA9SAS	PA3AIN	I0ZYA	GM7NZI
VA7QI	RD3BZ	SM0DGW	UA9AM	IN3FCK	HB9ARK
WW1XX	UU1JA	W3LJ	UT9LC	JS1MRA	HB9CAT
	VU2OT	W6LJS	W6DOE	KX7L	HI3I
1016		W9COS		N4WOT	IK6TOT
DS4AKP	1011	WB5KSD	1004	N4XC	IW2BZY
EW4DX	DL2RPN	WX2K	AJ4HW	N6RVI	JA0RWF
F4GDI	K3OK	XE1V	CX9AU	N8KOJ	JA1WIO
HB9DPO	KY4G		JA7DPC	OH5KW	JA2KAK
JS6SCC	N5XUS	1007	JG1AID	OH8NW	JE1COB
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VK2DAG	1010	K1UM	K4LD	W2FS	JG1EBU
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1014	N2BEG	WF5W	S53BB	DL9SAD	K7LOL
DK6CQ	N5OP		VU2AE	HS8HEX	K7STO
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KG5EG	W8WV	DJ9KV	W5EW	JA1ASO	KA5JSM
KM4VI	W9LN	G3YBY	W9KM	JA5RVN	KA5SYP
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NW8F		JA7LMU		K0HD	KB7PKC
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SV1JSN	9M8DEN	K5AR	AF4Z	K6VVK	KD4EE
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	JE4RAL	N5KDV	E29TGW	N3AS	LA4EI
1013	JL1KBS	NH6Y	EU1TT	N3DD	N4PAJ
AF6O	K4DXA	PV8RR	IK1RLI	N9ATD	N4VG
HB9RE	KB7AK	RW4NJ	JA6FEG	OH1TSM	N8YO
IZ0GKB	N1XL	W3GP	LA4HC	UA4HAD	N9NFT
IZ0MYH	R3TKM	W4CIR	NK2H	VE3FK	NA9J
K5HX	W0QL	W5AAJ	OK2MDC	W2/F2YS	OH7HM
KA5IAU	W1RH		RA0AM	W2HDI	ON5UJ
PY2YW	W7GSV	1005	RU3OW	W4HVV	PA5X
R7KW	W7KKC	AC0DQ	RW5CW	WM6Q	PP6ZZ
VR2CC	WD9FLI	DJ3CJ	SP6QM	YL2CP	PV8AAS
	WM5DX	DL8XDA	W9GFB		RA5C
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DL4DW	1008	JA1FVE		AA5TA	RT3I
JA1UXV	IK2CMN	JN3XEZ		AE4S	UA3DUJ

VA3EJN
VU2MB
W3ENM
W7GF
W8GJK
WI2E
WU1U
YB2TJV
YO5QAW