

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 28 May 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	3201 K4PI	3176 K5UR YU1FW	3152 GM3POI	3132 9A2AA IK4GME N4CC
3266 HA0DU	3197 UX0UN	3172 IK4MGP	3151 K5RK	3130 SP3E
3245 LZ2DF SP5EWY	3195 N4WW	3171 IK1GPG	3150 I4EWH SM3GSK	3127 PA3FQA UT5UGR
3239 I4EAT*	3194 IK4WMA JR2KDN	3169 OH1XX W3LPL	3149 G3KMA	3125 JF2MBF
3232 JA1BK	3191 PE5T	3167 K5NA*	3148 OE6IMD	3124 CT1APE
3231 DF3CB	3190 OH2BU	3166 G4BWP	3146 WB9Z	3122 9A7V SP3EPK
3227 CT1EEB	3189 OH3SR	3165 JH4IFF	3145 JA4LKB UR0MC	3120 JA5AUC W3YX
3223 OZ1LO	3188 EA6SX	3163 I4AVG SM0AJU	3139 JA3FYC	3119 I2AOX OK3GU S58T
3222 UT7QF	3186 K8MFO	3162 G0JHC N3XX SM6CVX W9ZR	3138 DJ2BW* JA5EXW K2TQC OZ1BTE	3117 I0WDX VE3EJ
3217 4X4DK	3182 W1NG	3158 DL4MCF	3137 JH4UYB	3116 CT1EKY
3205 S50A	3179 W1JR	3155 JA4DND	3135 NN4T	3115 PY2XB
3203 DJ9KG	3178 F6BKI W3UR	3154 IK4DRY		
3202 DJ6RX W4DR	3177 KJ9I N1DG			

3113 IK8HJC	3085 DK5PR	3067 SM5AQD W4DXX	3042 JA1HGY SP6CIK W2YC W5ZN	F6BEE OE6MDF SM5DJZ* YO9HP
3111 GM3YTS SM5CEU	3084 SM3NRY	3066 NJ6P		3023 JA1UQP VK4MA
3110 DL7VEE	3082 SV1FJA	3064 JA2JPA	3041 IK6FWJ JH2FXK N8RR W5OZI	3022 AA6YQ OE5KE
3108 K9QVB SM3EVR	3081 9A2EU	3063 IK4CIE K3UA N4JJ*	3039 WK3N	3021 SP1S
3106 N2QT VA3DX	3079 OG2M UT3UA	3062 OH1ND	3038 W4PK	3019 UT9FJ
3105 EY8MM	3078 AA7A N3SL	3061 NR1R	3037 K1CP	3018 JA3EMU
3104 OE3GCU	3075 EA5BM JG3QZN KF2O SP9FKQ*	3060 F6AOJ HB9BIN	3035 K4XP K9CT	3016 AG9S OE2VEL W3CC
3103 N8DX	3074 K4DY	3058 GM0GAV SP5CJQ	3033 N2LT	3014 EA6NB K5DU S51DI UA4HBW UT5JAJ
3102 HB9BGV S59Z SP2FAX	3073 JE6KYA ON4AOI W0BV	3057 IZ1ANU	3032 UY5ZZ	3012 KW9A
3101 JQ3DUE PA0WRS SM6CMU	3072 AA1V DF4PL	3055 K4MQG SP9DWT	3031 N2TK	3011 SP8NR
3100 IZ0AEG SV8CS	3071 SL0ZG	3052 JA2VPO OH1MA WD5COV	3030 G3ZSS JR6EZE	3010 JA5AQC JA5MHD OE1WEU
3099 LY2IJ	3070 IK5HHA JH1GZE	3051 KD5M	3029 W4TO	3009 JA2FBY N4BAA SM4DHF
3093 JR3IIR W7UT	3069 G3XTT SP7VC	3050 VE1YX	3028 DJ2YA G0DQS G3TXF SV1RK T77C YO5BRZ	3008 IZ4BEZ JA2JW RW2A
3089 DF3GY	3068 N0XA ON4IQ W8UVZ	3047 G4PWA YO3APJ	3025 I4LCK N4CH UX1UA W9RPM	3007 JA0DAI
3088 G4CCZ N0TB		3044 N9IW		
3086 I5NPH		3043 DK5WL IK6DLK	3024 DL5DSM	

3005 HA5WA R7LV	W3DF	2966 CT1IUA N5KD N6JV WX4G	2949 IK4DRR N7RT	2932 W1GL
3004 EA1DR IV3JVJ	2984 K4QL		2948 JF3KON OK1MP SP3RBG*	2931 K5BG W7AO
3003 9A5CY DL1AMQ	2982 K5KC	2965 K3FN		2929 N3NT
	2981 DL2OE	2964 JJ3PRT	2947 AA1QD W3GH*	2928 DJ4PI JA2FJP RA7A
3002 UT7UJ	2980 HB9AMO JJ2LPV N4XM	2962 K1HTV W1YY YV1DIG	2946 I5KKW	2926 JH1HGC RA3CQ SP3DV UA4CR VE2TZT
3001 G3SJX US4EX	2979 UT7UW	2961 5B4AGN G4OBK IK2YCW	2945 RZ3AM W9IXX	
3000 HA8IE N0AT OK6DJ SM5KNV	2978 K8PT	2959 UA3AKO	2944 DJ0MDR NI0G	2925 HA5AGS N5AW
2999 N6AR R4GM	2977 AA4V K5ESW	2958 JA7MSQ SP5DIR	2943 JA2DPC	
2998 K4UTE N4RJ	2976 K8SIX	2957 W4UM	2941 K1ZZ N4JF	2924 R3OK
2997 DJ8NK	2975 EI7BA F5II JR7VHZ VE3XN	2956 UX0FF	2940 JA6BZI JH2UVL	2923 K2UO N9US
2996 W4VQ	2974 JA7QVI OZ3PZ	2955 K4IQJ US5WE	2938 HB9RG K0EU N5ZM OZ8BZ UA6A W6XA	2922 F6DAY W0VTT
2995 UA4CC	2973 OH2BCK	2954 K0KX K9EL N8PR SP8AJK	2937 JA0FSB K5EK	2920 IK5ACO JG1ULJ
2993 SM6CCO SP7GAQ	2972 JR3GWZ	2953 NO8D	2936 JA2JNA	2919 DL1DUL K9NU
2992 DJ4AX DL7MAE	2971 N2WK	2951 JH0INP JH4ADV KY7M	2935 SP3CFM	2918 JA3PIS
2987 F6EXV N4MM	2970 PY2BW			2917 9A2NO K0SR K4MWB
2986 K2FF N4KG*	2968 F5NBU	2950 K4SO	2934 KX4R	2916 EA3GP

2915 RA3DX W5XX	2902 JA2IVK K3KO*	2884 JF1PUW K9RX	2866 JN7FAH KN4F OM3DX RY9C	2851 K3UL
2914 UA3AB	2900 9A2F DK1FW EU7A W6UB	2883 OZ4O S53R	2865 EA6VQ UA3DPM W1RM	2850 IV3YYK JF8QNF OZ1AXG
2913 OE8RT ON4CD	2899 EA5RM K4UEE W1CU	2882 OE2LCM UX4UA*	2864 A45XR	2849 9A3SM IK7NXM K4CN RY7G
2912 JH1IFS	2897 IK6SNR K4SV OZ1CTK W3KX	2879 FK8CP G3LZQ JA5IU K9ZO N5TY	2863 AD5A DJ5AV	2848 K4ZYU N4QS N5UR
2911 EA4KD MD0CCE	2896 K5XI KG7H	2877 SM3VAC UX1AA	2862 K3WW OK1CF R3AW SM5CZQ	2847 LA5HE
2910 K4XO OE5NNN	2895 JA0EOK	2876 I3BUI SM6CTQ	2860 JA8EAT PY5HOT	2846 IK1YED R7DX UR5WA
2909 F2JD JA0GJJ	2894 K4HB RJ3AA WI8A	2875 IV3ODE	2859 HL3IUA	2845 PY5EW R9FM WA4FFW
2908 HA1RW RW5C W3LL YU3AA	2892 DJ5FI DK2LO JH1TWT N4NX W8AV	2874 RU3FM	2858 RZ1OA SM6DHU	2844 UA4LY
2907 DL1EJA K5EJ SM6CNN	2891 JL1SAM K2UU W0MHK YO7LCB	2872 K1AR K4HGX	2857 UA6MF	2843 W8GC
2906 HB9BZA K1ST UA3TCJ WB6RSE	2889 JR4OZR	2871 K8FL	2856 K9NW	2841 W4FC
2905 CT4NH W1TSP	2888 N8JV VE3LYC	2869 EA3JL EA5BY IZ1BII JA2XYO SP6HEQ	2855 N2NL OE1ZL	2840 EA1DFP NK1K
2904 JA9CHI	2885 KA9CFD	2868 K1UO N8BM	2854 N4DB RV3LO	2839 IZ8FFA JI4POR W3NO
2903 I8IGS IK5MEN K2PLF* N4II OH3BU		2867 JA1XEC S54E	2853 JA0CRI RW0LT	2838 AB3CV KC6AWX* LA5IIA W1DIG

2837 DL6ATM VE1DX W9OP	OH5VT W9RN	2810 DK3DG	2796 JS3CTQ	2782 K7ZV SM6BZV
2836 N4PQX	2824 AB6QM K3WA KF0QR RZ3DX	2809 DL6KR JA1SJV JE2LUN	2795 N4DW NY0V	2781 RN3QN
2835 UA1OIZ	2823 JA2ZL JA4FKX JA4MRL ZS4TX	2808 9A8A LZ2JE	2794 HB9DDO W2LO	2780 N7US
2834 IW1ARB R7FK* R7NW SM3NXS	2822 N8TR	2807 N5OK	2793 RA3DA	2779 NI6T
2833 AA1ON SM4EMO	2821 I1EIS JA6LCJ JO1WKO N4AH UA0ZC	2806 G3SNN JS2LHI	2792 SM0CCM	2777 DK5AD KC7V RL9F W0YG W6SR
2832 K5ZK	2820 JA7JWF JF1WPB K8ZTT KG4W W8OI	2805 5B4MF JF4VZT K6TA	2791 AC4G EA1N VE7IG*	2776 JI2KXK K7NN K8GG
2831 JA0UUA JA9LJS PY5EG WB4OSS	2819 LA7JO W5TCX	2804 VA5DX WA7NB	2790 SV1AVD	2775 WA5VGI
2830 IK6GPZ IZ1LBG K2VV K9EU RA4CC UA3AP VE3EXY	2818 I6FLD JA9APS JE2URF	2803 EA3WD K1OA	2789 IK1WGX IK4HLU N9AU	2774 JH3VNC
2828 AB4IQ OK2ZU	2817 AI9L S52F W2SM	2802 EA1YO OH1TV	2788 N5ORT	2773 SP1MGM
2827 DJ9HX R5AJ	2815 9H1SP SV1DPI	2801 DK2NG JO7WXN WA2VYA	2787 I4MKN IZ5DKJ JA3RAR KN5O W9MU	2772 K6FG
2826 AA4HP N2TU N5DG VE3FF	2814 CT1FMX JA2BDR OH2BLD	2800 4Z5CX IK0MHR JA1ADT LA7AFA SP3CGK	2786 HK3W	2771 JR3OEH K2CL UA3AGW
2825 DL4CF JA1ANR K5XX	2811 K0DEQ	2798 CT1ILT E72A SP7HOV SV1JG	2785 K5KLA LA4GHA W4DKS	2770 IK2QPR JF2XGF W1ECT
		2797 KV7K OH3JR	2784 JA1SYY K5AQ W7KNT	2768 W6OAT
			2783 N5FG	2766 HA7TM WA2WSX
				2765 W5XC

2764 AI0O JA4DLP K2RW	2749 9A2JK	2732 UT8IO W7OM	2718 HA9PP JA8DNV K1BD OE6DK SV1CNS	2703 DL1YD I1FQH K8EUR KA1R SP2BMX
2763 W7DO WP4U	2748 IF9ZWA JN1BMX W6RLL	2730 SM5JE*		
2762 9A1HBC DJ9VA JA9RRH JE1SYN N4HU UT2UB VE3BW	2747 N6ET	2729 DK2JX K0JGH K5UO	2717 AG4W	2702 JR1XIS KB0EO
2761 JL1RUC	2746 JA7KY KP2A UY5AA	2728 JJ3HGJ	2716 WB4TDH	2701 HB9AUS JA5WIZ JH3CUL OE3EVA R6AF W1MK
2759 ZS6EZ	2745 HB9DHK W2LK	2727 IU7QBB JA3AZD	2715 DF2UU	2700 4Z5MU DJ9ON DJ9ZB DL7BA G5LP IK4PLW JA6VQA RA9CMO
2758 DL5WW JE8BKW PY2SP	2744 DK6WA RA3XDX	2726 IK5DNF RX4HZ	2714 JI8DGO RA3QK	
2756 JL1UXH RV3FT	2743 JH4JNG W1FJ	2725 JA4PXC LA7HJA N0AV R3VA	2713 HB9HFN UA0CW	
2755 DL5AN JH1NYM K9YY SP6CES WB9CIF	2742 AA5AM DL5ME	2724 JA3FGJ PY2YP	2712 F6HDH	
2754 K6ND KC9ARR	2741 DF6PB JA1KQX	2723 G4PTJ PA3C R7AA	2710 ON4IZ	2699 IZ8XQC K8WK RA0FF UT4MF YU1CC
2752 SM4DDE	2740 VA2WA	2722 HB9ALO K6KLY N5XZ RU3QR	2709 JA8RJE R9TO	2697 KJ3L
2751 DM5EE UA4HAU UN5J	2739 K3WC	2721 DL9GFB I7CSB	2708 CT1BH JA2KVD	2696 SM2OAN W0UO
2750 JF2UPM JH1ECG JR3VXR K6XT	2738 IK0PEA	2720 JF0EHX UX3IW	2707 AD1C DM2DXA G0BLB K3PA	2695 W5FKX
	2737 JA3GN		2706 DK0PM K1DG	2694 UA9FAR
	2735 NE1B WT8C		2705 IK0FUX IW0HEX	2693 W0AW
	2734 JA1DUH N8DJX	2719 F5CQ RD3K W6YI	2704 K0JUH K5MC	2692 EA7TV
				2691 KK2I

2690 OE1AZS ON4GG SP7ITB SV1BTK W1SKU	2674 N9FN	2660 DJ4XA RM0F RW4NN UT7UV	2650 K5RT N9LB	2634 I5HOR S57AC W9ILY
2689 JE1LFX K8AC W2KKZ W6VX W9AJ	2673 HB9DDZ IW0SAF JA2VQF W0DJC W9NGA	2659 K8BCK KZ4V	2648 JF7XKY UA3TT	2633 K6GXO NU8Z
2688 PA3EWP	2672 G3VKW	2658 N7KA ON4ON UW2ZM W4QN	2647 KS1J	2631 9A1CAL K0CA RX3AGD
2687 W3AP W9XY	2671 I0DJV* JE7JDL KZ2I	2657 N3MN NS4C W8HW	2645 JA1SVP SM5FUG	2630 K8GI NT0V*
2685 HB0CC K3RA	2670 DL3ZA W0FLS YL2MU	2656 G4IRN WE7K	2644 9A4T VE6WQ W5ADD	2628 4Z4DX JA7IC KF8UN
2684 AB9V DF2RG	2669 SP6M	2655 HB9LCW JH7XRG US0KW	2642 OE5FIN SP9RCL	2627 G3WPH K2SHZ
2683 PY4OY	2668 K5GKC W9XX	2654 JA6CRP JE1FQV K7PI K9US SP6DNZ W8DCH	2641 K8TL OE1WHC	2626 EA7R IZ8VYU K1GG
2681 WE9R	2667 W5CIA	2653 F5PAC IK0FVC JA3APL UN6T	2640 AD5Q DL6ZXG IV3RAV JA4OK	2625 G3SVD
2680 K1NU N7RO UA3LAR	2665 F6FXU IK4ADE N2BJ WA8WV	2652 AF9H K0JY LA8PT SK3PY UT5EL W5LT	2639 RW3RN	2624 DF9ZW IT9DSZ JA2AHH R5DT SM0NJO
2679 JA6WJL WA2HZO	2664 AA5C NQ1K	2651 EA2IA YS1RR	2638 JA2CXF RW3XZ SV3DCX	2623 JR6FC N9RS
2678 DF2IS K6AM	2663 G4GIR OE4PWW WB3AVN		2637 UA0FZ	2622 RZ4FO UR5EDX W4FQT
2677 UR5MID W4BP	2662 I4KDJ JE2OVG		2636 EA5GPQ K1LPS K8VFN N8KOL SM6CUK WJ4T*	2621 KD6WW W4WM
2675 9A2NA JR2LJO	2661 F4BKV K4SE W1YM		2635 IK4BHO JA9FPI SP9JZU	2620 AA5AU

AJ3K EW2A	JA7MOL K6YUI VK3QI	2595 GM3PPE JA3APU K4WS	2582 G3NDC	2569 PA1CW RU6L
2619 JH6QFJ LA9AJA N6ED	2607 KU0A	2594 IT9PKO	2581 K8YTO W9YSX	2568 JA5XAE
2618 K9IR W2QO	2606 JH1HHC MM0EAX	2593 JM1FHL K1RO K4XD W2YJ	2579 KM1D N1SV	2567 OH2FT
2617 LA5LJA S52OT	2605 9A4W JA4ITW	2592 HB9SLO JK1OPL K2LS LB8DC N1NK	2578 K5LJ SP9ODY SP9UPH W6NWS	2566 KG9N N1IBM W2JU
2616 G0OIL	2604 JA1GHH WA1JMP	2591 IK8YTA	2577 IK5BAF IZ8DFO K3JGJ VE3MWX W2PK WB8ZRL	2565 F3SG JA2FGL JH1QAX
2615 CT1BOL DL5CW NS6C	2603 I5ZGQ JE3GRQ K4XI W5AJ	2590 LA3WAA RA1QD RW7M	2576 JF6WTY SP9QMP* W0EWM*	2564 DK9KX NX0I VE3CFK W5BPT
2614 DL1DA IK0XBX JA1WSX JR1BAS K8NVR	2602 DL2KQ JA2LCP JA7JI JR7BDQ	2589 EA8AKN JQ6RUP JR1GJP K1LD K9XD	2575 CT1GFK HA1RB N3KK RU6B	2563 KG8P UA6EX
2613 KK9DX	2601 JA0IXW JR2UBS	2588 AA9A N2TN	2574 W6XK	2562 DL5XJ G4IYY PY2NQ SV5DKL
2612 AH7C DL1DUO K4TT N5GH	2600 DL6MRS EC3A JA2ATE JH8RZJ K2EP KB8VAO W4OX W7WM	2587 DK8MCT IT9ELD JA7MA	2573 JK1KSB SP8FNA	2561 G3KWK JA1IZZ JA1NWD W1YIF W9OL YO2RR
2611 JA1XCZ OH9MDV W7CT	2598 JA7MFL JM1XCW K5WK	2585 OM4EX RK4FD RW0CF	2572 SK0TM ZS1LS	2560 K3JT K9MM W4TV
2610 JA9TWN JF1UVJ NF9V NX7U	2597 JA2TBS JI1DHY	2584 K7WP	2571 JE2LPC K0KT	2559 JG4AKL
2609 ND0N WD8JJA	2596 K0KVR K8IU	2583 G0BNR WB5JID	2570 JA1CLW OK2QA RA1QY W3GQ W6PJ	2558 DL9MRF K6SIK SM6BGG WB9EEE

2557 JA8EJO JN1GTG KQ8M	2547 YV5JBI	2536 K6EID UN7LZ	2520 RA4CA	KR4F W6TC
2556 DK2GZ DL1KUR PA5TT	2546 JA4LXY K1DT W7MO XE1KK	2535 LA2PA WA6YEE	2519 AA4SC JA1IOA RG5A W9FR	2510 DK5AI HK4SAN N4PY SP3CJS W8TN
2555 JA1WPX	2545 AA5AT CX6VM EA3BT NC9T SP3SLA UY5BC W9BF	2534 DL2CHN DL6CNG R8TX	2518 IZ0RVI JA7LGE K2PK	2509 I2EOW JR1BLX KI0KB LY1G US3LR
2554 IT9DAA K0BJ	2544 N7IR WA3C	2533 JN1RQV	2517 JH3VWN UN7TW W1OX W7AL	2508 K7GEX OE8SPW
2553 N4TL NV9L RW4C S52DD W1KSZ W1YW	2543 K7ZA	2532 CU2AP	2516 AD6W CT1CJJ CU2DX K5WAF SV2AEL WB0TEV YV5NWX	2507 JI1LET RU6M SM6NOC W6BJH WO2N
2552 OE8HIK WB8BPU	2542 DL5EBE N8LJ W7LR W8HC	2531 DL4SZB UA6YW	2515 JA7BWT K2NV SP3QDM VA3LX WB8ZRV	2506 DL1SMA JR7WFC K5VIP K8FH N6RW RA1AOB W5ODD WD5K
2551 KM4H W0VX W8TWA WN6W	2541 JA3RQ JF1KKV N4QQ RL3FA W3DRY	2529 K8QM UA1OMS	2514 AE5E G3TTJ JM1CYJ R9SA SV3FUP	2505 JA1VSL JH1AJT* K2TE LA2QM W1VT
2550 JA1GRM K7BV LA3MHA RA3ZH W3BW	2540 AA4R AJ9C EI9FBB F5HNQ HB9TKS K7BG	2527 JA6BJV KD0Q W6QUV	2513 9A2X WX0V	2504 E72U IK7XLU K1KD LU2NI N8OC
2549 DL5CF NN4SS SK7AX	2539 WC5N	2526 JA1LSP K9MK	2512 IK8EPC IZ5JMZ N8PW OZ1ADL RV9CX UT7UU	2503 K4WA RN8W SP6EQZ W1ZT
2548 IK5RUN IV3IZU IW2FND K4JJW OH2ZZ SP1JRF W7BEM	2538 SV1LK WA0MHJ	2525 G4OWT I8SAT LA5YJ	2511 EV1R	
	2537 DL3OH PY2XU	2524 JH1EEB N5LZ		
		2523 G8DX K9JF		
		2522 K1HT W1TC WX2S		
		2521 E73Y PY5CC		

YB5QZ	2497 IZ4GWE JA7LMZ RZ3FW	2481 IZ5RVG JA1ELY JA2AH	2466 CT3FT SV9COL	K7SP LA9VDA SM5GMZ W2OO WD9DZV
2502 G4IUF I8JIT K6FW K7EG NQ7R RV1CC UN7JX VE3DZ WS9V WT8V	2496 JM2RUV N6VR	2480 K8BL	2465 JA2VMU OH1XT SV1VS	2453 JA8KSF JG3LGD JR1DUP SV1GYG
2501 EA3CJ G0EHO IZ5EKV JA1TMG JA3ENN JH4ALY K7XB K8OM S55DX	2495 N7XR	2479 NW7E UA9FGR W4RFZ	2464 JA1VLK W1AIM W6SZN XE2CQ	2452
2500 4Z1UF EA5BRE EI6FR I2MQP* IZ7FLP IZ8FWN JA9PPC JE2DZC JE2EHP JH7RXU JJ1DWT K2UR KM4HI N9BX NN4X R9AB RA3SS SQ1X VE3RA WA4LOX WD4LBR	2494 DF3UB IK5PWQ K2FU S51U	2477 JJ1SKG W4VIC W8RLS	2463 JA9FAI K3XA K6KO	2451 UA0BA
2499 W1LW W6ENZ WO7R	2493 AJ6T W1BR WS6X	2476 9A4WY KE4YD NM6V UW5ZM	2462 HB9CZR KE8UN	2450 IK0LNN JF1IRW JR4DSM
2498 K1USA K4JAF NN4R	2492 JA1FGB JA6TMU	2475 IK2OHG	2461 DF3IS JA1WSK K3NK K9IL*	2449 W8DX
	2491 KB1EFS	2474 CT3HF JA4EPE JH0INE WO2T	2460 JA8BNP W8LGJ	2447 WA3AFS
	2490 5B4AHJ	2472 I1JQJ JG0CQK SP7TF	2459 K2AZ	2446 OZ8SW
	2489 G3OAG	2471 JA1HRQ N4RWG	2458 JA1ADN JF2WGN JH1BZJ	2445 IV3GOW W0GJ
	2487 IK0HFO	2470 KT8X W6JRY	2457 DF9KF JA3DY* N5KM	2444 PY2KP
	2486 UW8SM	2469 G4BUE JA0DIN	2456 HL2WA JG1WSC	2443 G4DJX
	2485 JA1RTX JA9AGN N4GN	2468 N6DX	2455 N5MOA RN3OG	2442 N5JB
	2484 K9MBQ	2467 JA9NLE UA0SR W8KEN	2454 IZ3ENH	2441 W5IF WA6F
	2483 LU3CQ N1LN N1RR			2440 EA5AT S52RZ SM5CLE W5PF
	2482 HB9CEX			2439 F3AT JA0DET

W3RJW	2424 IZ2AMW	2411 AA6AA HL3GOB JE3ENP LB2TB	N2NS NA5C W9DC	JA2XCR JF1RYU K4YMQ
2438 DL9TJ	2423 DL2VPO JA9CWJ W1EBI	2410 I0YQV IT9XTP KJ0M	2400 IZ2FOS JK1GOK OH6RX WL7E	2385 DL8LE KB1JZU
2437 W9OA	2422 KA2D	2409 JA1IXY	2399 N5UL	2384 DL4CW K8YSE KQ3F W7Yaq
2436 W2GG	2420 DJ5JH G4WFQ IK4AUY S57AT VE6LB	2407 A65BR GM3YOR N0KV N4GG ZL1BYZ	2398 DJ4GJ DL2FAG K2SX	2383 LA9VFA LU8EKC RK3QY
2435 EI9JF JH4GJR K3VAT OE3SGU	2419 IK2EGL JG3IWL	2406 JH1AGU JK1EXO K0BBC W2AY	2397 IZ5BAM JA1DOF JA9CHJ JR2PMT	2382 CT1DKS EA1EAU JA7AUM W0LS
2434 SM5CZK SP8HKT WA9CVK	2418 I0JBL PY2VA SV1IW	2405 AA8OY IV3KFB K1LT K6PJ N2JJ OE2BZL	2396 HB9ICC PA3CSR	2381 IK5MDF JL2JVX KJ9C W2XI
2432 KA9FOX N4QV ON4CAS	2417 JA6BEE KE9ET N6RV W5VY	2404 EA6ET JA4FHE K0RS KD3CQ	2395 EA8JF	2380 EA1RT ON4ATW PA7RA
2430 AF4HX K4MK KT1J	2416 IV3HYD K9SM R9OK SV1ACK W8MJ	2403 DK3WW JA1QOA JG3SKK JH7IAJ R0FA	2393 JH1QDB JR4LNG	2379 DJ3AA N3CZ
2429 K4EM	2415 EA5CRC UA0CA WQ5W	2402 IK4MSV IK5CBE JA4DEN N9JV	2392 N2WB PA7TWO W4HG	2378 F5IL N7BT
2428 DS5USH K1ZN	2414 I4ENO JI1NJC KG6I	2401 HA7UW K8ROX	2391 NA5DX	2377 IZ4MJP N6HC OZ1HX W2GW WA2BCK
2427 JH1SJM JH3GCN LX2A	2413 KA8ZPE RA3WDK		2390 JA1TAA	2376 HB9AAQ IK0HBN
2426 EA3GHZ W3OA ZL3JT	2412 9K2HN W3UA		2389 BA4RF K2KA SM4AZQ SV2DGH	2375 WA0I
2425 DJ9RR JA2FBC JE6TSP JE8TGI ZS6WB			2388 SV9AHZ	
			2386 CT1EAV	

WP4G	2361 JA2NDQ	DL8SCG K7UA KD0PO VK3HJ	2337 JA2BQX VE3CRG	JL1XMN PZ5RA VE6AX W0GG W0TT
2374 JA1FQI JR9OPJ KA7T RN3RQ	2360 N6MZ W8MET	2347 IZ3ETU	2336 EW4M F5PBM JA2HYD JA5SUD K0VXU SP6A W5GAI	2323 K0CS
2373 K7ZD W2LE	2359 4Z5AV JR6LLN N3RC W4DC	2346 G3NKC JA9AA K0MN* K1ESE KS0DX	2335 K4MS	2322 IK2OVC JE8CLT JG8FWH WA9PIE
2371 EA3BS K5PS	2358 K5KV W0AWL WF4U	2345 HB9BAT K7LJ SM4CTI WA2NPD	2334 GM0AXY HB9BYQ W2YE	2321 BH4QYX JA4ZA WB7B
2370 DL2UH IK6QOP JA1BPA	2356 IV3VBM K1KO K9YC N1GC	2344 EA1AUS JA7PL RZ3DJ	2333 9K2OD DL1TRK G3VPW HA0HW W0HBH	2320 I8QJU JE1PNX K8YC
2369 JH1OAI WQ3X	2355 JA9GPG WB2REM	2343 JE1DXC	2319 UA3ECJ W5FI	
2368 F5LVL JP1IOF	2354 DF2GH K0XB	2342 HB9IQB IK8JVG ON5UE W1EQ	2332 K6UM OZ1LCG	2318 N6PF
2367 HP2AT HS1NGR PE1L	2353 JR7FRW	2341 9K2NO LA8HGA SM2GCQ	2330 9A1AD	2317 K2XF
2366 BA4DW I5OYY JA5BEN	2352 EA1AF JA1JAT W2NO	2340 DK7YY JA5FBZ	2328 K1LI	2316 K0GY W5GZ
2365 EA3NP	2351 K9NR KJ6P RD3AW	2339 DF2TT JA1FNO SM3DMP	2327 AB5A JH1LPF N2LM SM5ARL	2315 N6QQ RA3DNC
2364 AA8LL KS3F	2350 DL3OI JA1ALT N7DC OE5RLM RA5BM VU2NKS	2338 FG5FR JH1CHU K8AJS OK1FED OZ2PBS W8UV	2326 HA5AO K4PB K5FUV	2314 K0GD K1ZZI
2363 K1NTR K5VWW K6RO N8BJQ VE3VHB W3JX	2348 AA3B DJ5JK DL6JZ		2325 CT3MD JA8JTH JH8SLS	2313 JA7BVH K9FN N6UK W9BEA
2362 IZ8DBJ W2OIB			2324 IK1SOW JA2FSM	2312 W6RW

2311 JR9LKE K8ME PP1CZ RC9F SM5CRV WC5M	2298 W9OO	2282 AB0X IZ8GGF JE2RDO K5KPE	S52TJ W9JA	IK0AGU K6DT
2310 JA5BGA	2297 JA1GHR W3YY WF2S	2279 JA8FHM W5SL	2268 K3SEW K9OW NI0C WA1S	2257 JH4FEB K8NKQ
2309 HB9BXE	2296 YO2CMI	2278 K0TT K4WNW N9RC	2267 W6RS YO9FNP	2256 DS1JFY KA4RRU OK1DWC
2308 JA7ZP K4CMS N4TJ SP6TRX ZL2IFB	2295 EW1BA K7HP	2277 K6YRA RZ6BS	2266 OH6NIO W6TMD	2255 EA7SG K3TN OE2GEN SP3IBS
2305 K8CW SV1QN	2294 DF7EE N6HY RU3ZX	2276 KA8SYV RU1AB RU3SD	2265 K2TWI WB8K	2254 IK2SND W9PZT
2304 OK5TK ZS2DL	2292 OH6JD PY2MC VE3EK	2275 IZ4AIK JA0AOO	2264 IK8GYS LA0FA N4MHQ UR3EO UR5FEO W1OW	2253 JE2HCJ JH1DGQ N1EN
2303 JH4BTI SM3LGO	2291 JH1RGG SP3XR	2273 AC0A K0AZ K8BN K8UT N7NG VK3GA	2263 OE7FMH PY2RO ZL4TT	2252 HK1MW JA1PTJ JA9GLW RN9N
2302 ER3DX JA4BXL W2WG	2290 W7CA	2272 DL1HRN K7MTR KE1F LB6KC N4XP	2262 N6TA OK1DH	2251 HL4CJG KG2KJ N4TV W5ZO YB1UUN
2301 I2VGW K4XR N4HB W4CK	2289 AB5EB JF3LOP	2271 HB9CXZ W0SZ W8LRO WA3F	2261 F9XL IK2VUC IZ8EEL S55SL	2250 DL1SP EA8BYR JH1XUM K4TEA
2300 JA8NFV K8DV KF7PG LA7GIA LU4FPZ N9CK OE6VIE W7ZJ	2288 HA0UZ JA9NFO N0RB	2270 EA3XP IZ8FDH IZ8IEV	2260 IZ8EDJ W5PJR	2249 AB5C JH1VUO N2VW
2299 I5CRL	2287 JA6CBG PA0ZH	2269 JH0GHZ NE3F	2259 JA1BOQ K4ZO UA6FJ UT3UZ W5WT	2248 HB9DHG
	2286 EA1CP		2258 DF2NS	2247 JP1NWZ K4HMB
	2284 9K2GS DK1WB W7AH			
	2283 DF5AU JA4FM			

2246 JH4HMG JR8AMF OH8LXT PY7RP	2233 SM7NDX	2220 EA9IE K0TPP	2207 I5KG KJ6NZ OH1TX	2194 K5PI S51NM WB3JFS Z31RQ
2245 JA7QFU	2232 9M6YBG HL3DE	2219 DJ5EJ KH2L NW4V	2206 DL8ZAW PA3ABH SP3FAR WA4JQS	2193 K2RD VE1JBC
2244 BA7IO SP3PLD US0YA	2231 DL4DZL R9SG W8JRK	2218 EU1U JA3EOP JH4CBM W7FN	2205 JA0UH JA8FFM	2192 N8MR NY2NY
2243 HB9BOI K8NK	2230 4L1MA K7GM K9MIE NA5Q PA0JSE WT4Q	2217 W0HT W5DNT W7MEM WX1S	2204 K5DHY N4HID	2191 IW0HQE
2242 JK1BSM	2229 K2TK N0RN N4JT SM3CBR	2215 LA9FFA RA4FEA SM7CQY SV2BOH W7HPW	2203 NK0S	2190 JH1OBS K1EFI N4SC W1YRC ZS1A
2241 KE9L N4EFS NA2M UA1ACG	2228 JE1GWO	2214 HL2IFR JA1DM K4FJ RN1ON SM5SWA	2202 JA8JO UA0FO W4LSC* WW3S	2189 AI6Z IK1ADH N4AL N8NN
2240 9A2TN K4MM W8UN	2227 JG5RVQ	2213 JA8EOT K1YR	2201 G3TQZ JA2CEJ RM3DA RU0SN	2188 IK2DZN N4ZH RD3A
2239 JA0DWY W4ABW	2226 K9RS	2211 CT1FPQ UX5UO	2200 KX2A VE3YF W8WEJ W9YE WE9V	2187 IK4IYC JH1BAM JR1MLU K6SRZ RW4CY W0AIH* W5VQ W8MHW
2238 JA1CMD K8RRT N9ISN	2225 JF1NZW OE5BWN W8IQ	2210 7K1PTT NA9RB	2199 OH1NX WB8B	2186 ZS2EZ
2236 AB0CT K2FW K9ZM KI5BLU PY2IQ	2224 AA8R KA1ERL KD6UO	2209 DL1SVI UN7ECA W6RFL	2197 DJ8ES	2185 YO3CD
2235 IK6BSN JH1IAQ K5JZ	2223 SM3PZG	2208 DM5BB WA1FCN WS7L	2195 EW1KP IK8BQE JA5NPV K2CBI LY3W W6AEA	2184 G3UHU JA2JRG N5AO
2234 I2YDX IW1QN	2222 IW0HOU UN3GX			
	2221 JA2DXD K9OT			

2183 4X6KA OH2OT	W8IW	ZL4AS	N7IP SP1MWK	KK1W
2182 JA0CGJ W2YR W5ZPA	2172 KK0M	2161 G3ZQH JF1RPZ JH1WJR	2150 K5TT KU4XO OE2KHM SM5FWW W4MAY	2141 DL2AYK DL9RCF N1RK N6IE W8OP
2181 IV3TMM JE1AEX K7BTW W6SL	2171 K4VIG UT3UY	2160 HS0ZEE I5REA IK1CJO IK4HPU K5JC N4RF	2149 JI4WAO JN7DOS SP6JIU	2139 CT4GO JF0JYR K8BZ
2180 DL9FCY IV3TDM IZ4DPV JA8BAR K9GA RW3QM W3MR W5RQ W8BBQ	2169 HL2CFY JA3MF K0LUZ SP1DSZ	2159 N1RJ XE2X	2148 CT1GPQ DL7UPN JA3LDH K4YYL K5GH N9AW	2138 JR6IKD W4JS
2179 IV3YIB JO4CFV	2168 F5UJK UT4EK	2158 K4RO SM4OLL	2147 JH1APK JN3SAC N3QE RZ3DW YB0COU	2137 K5FZ NZ3O
2178 HB9FMN K1GE	2167 DL1NKS IK6HRB S57XX	2157 I0MWI JA9IFF W6CYX	2146 EA8MT	2136 G3IFB IZ7AUH K7LV N1IX
2177 N3EN NW6S	2166 LA2XPA W2RQ	2156 N5PHT TA1CM	2145 DF5WA EC1A RQ3A RU6FZ W4BUW	2135 K4NNX
2176 DJ2SL K4ZIN	2165 KG9Z N4PJ N5ET S54A	2155 JH3FUK WA5LFD	2144 DK2OY W4IS W9EWZ	2134 JH2IEE WB5TUF
2175 AD8P* JA4DHN JH4DYP VO1HP W8KA	2164 CT3KN JF2WXS N4JQQ S55ZZ	2154 JA0GCI JG3FEA SP3V	2143 AA8CH JA1CZI JF3SUL K0KG W9RC	2133 RA3LO S59ZZ
2174 JA7EPO	2163 UA1AIR WS5W	2153 EA3GHQ K2BA OH2BF	2142 CT3DL JH1IED K6EME K8KWT	2132 AA7G N9UA
2173 G0DBE JA1KPH LU5FF OE2SCM	2162 JA2IYJ K9RR N2DPF PY7DJ RZ0AF W7AV	2152 AA1AC K6ZZ W6IGK WA1PMA	2131 K1RV RN3CT	2130 EA8AXT IK0OPS K0DEW W3TN W6YOO
		2151 IK0DWN IK2RPE JF3PNQ N2WKS	2129 G3KMQ N2AJ	

UA4AZ	K1NJ	N5KO	2099	2086
XE1H	K6MI		EA8RR	W2ZI
2128	PY1KN	2108	WB3LHD	W9FI
IW1FGY	WI8R	AA4FL	2098	2085
KE9I	YO3FRI	CT1FCX	W2OR	DL5XL
UN6P	2118	JA1AML	2097	PA3GCV
2127	AB1OC	JA2KNW	DL3KZA	W2TB
HB9AAL	JR6SVM	KW4V	JA1MZL	2084
JH0RVY	OM5FM	2107	2096	EI2GLB
JR3UIC	R3QW	EA3DW	HA1DAE	W4UCK
OZ1IKY	2117	K3PU	JA1QWT	2082
OZ5HP	ER5DX	N6KZ	W5WP	KI4DLS
W9VNE	JA8LRG	YL2KF	2095	WB8CQV
2126	PY2DS	2106	JH0MHR	YO3ND
JA8ZO	2116	JA3BSL	K1UI	2081
KQ4AV	F6DBX	VE2BR	2094	K1UU
2125	K3OX	W3RW	K1MAA*	2080
IV3XNF	SM7HCW	2105	2093	JH1ORA
JH0BQX	W9XT	K1SM	DL2HYH	KC6X
JH3SIF	2115	SM5CBM	ON4RU	N0AH
2124	EA1KY	SM5ENX	VE3ZZ	W5QM
W0RX	K7UT	W5JAY	2092	2079
W4GIW	2114	2104	N5AQ	F5NBX
2123	IZ5NFD	G3UAS	R1MA	K8AV
KZ8Y	JA2VHO	HB9BHY*	W3FI	KN4KL
VU2PTT	KA2NDX	JA3KNN	ZL2AL	N1IW
2122	SM7BHH	JA3UCO	2091	N7UN
DF2NU	W4SK	JA8DKJ	EB3CW	W5LE
DL6UAA	2113	JR1WCT	G4XRV	2078
K1ZE	OH4UI	2103	KR6C	HB9JOE
2121	2112	JK1ODA	W2JLK	IK1PMR
A65CA	AE0P	W2FV	W4RDX	JA0EKI
K1PL	JR1NHD	W7QDM	2090	K1NY
N4UOZ	SP8FB	W8CZN	JE2JMV	2077
W8JV	2111	2102	LA6UL	DL1WM
XE1RBV	JK1TCV	NE9U	2089	XE1J
2120	K3PP	2101	N4QWF	2076
HA5VZ	N6PSE	EA6AJ	SM0MPV	OZ0J
JA1WTI	2110	JA3VPA	2088	2075
S50R	DK0UB	JH7DFZ	EA8TH	JA8DSO
W1WC	F2NH	JK1UNZ	F6ECI	N3BNA
W6RKC	HB9CRV	K1DC	IW0GBU	NF1G
2119	RA1OD	OH1ZK	2087	RA3FH
I0OSI	VE7BV	RA3S	JA1CJO	2074
JA0LXP	2109	2100	KF0LA	CT1FUH
JA7XBG	CT1BWW	DL5XAT	2086	DL8PG
JH0MXV	HI3T	HB9AZZ		
		SM7IUN		
		WB2GAI		

NA4EA	2061 AA4NC N8EHW W1AO W2CG	2049 K4JLD	2038 JJ6DGP JR1IZM N6PE WA5IPS	W1TO
2073 DJ0MCH K9RT XE1MEX	2060 JF1LZQ K4NA KK4OK PA0TCA	2048 I5JFG IZ5MOQ K8NS NT2A SP5ES W3ABT	2037 JA3MHA JH2SON K2EK K9TF N4JR W7SX WW2DX	2027 F5OVQ IT9RYJ JA1OVF NI3P
2072 JA8CJY NF4A R9SC SM4BZH	2059 JE8LWZ KS4S N0ABA N0IJ N5BO WA4CEM WD8PKF	2047 JP7EIP K2AJY N4AA* PA0GMM	2036 EA6EE K2AU K2EQ SV1CQN	2026 9A5F IK0XEZ RT5A W7JY XE2D
2071 JA7CVL JR1UFN KF6HI N4UFO PA0INA W3GG	2058 IK2PZC JO7KMB W1ZK	2046 AC9EM F5INJ	2035 AA4VV KM1C N9SF WA3OFR	2025 EA5OX S52D
2070 CU3EQ EA1JO K3FRK ND5S	2057 HL2KV PY2FN W0TM	2045 IK6OIN RK2FWA	2032 HB9DOT IK2RZP KI6CG LZ2HN N5DD W7VY WA8MCD	2024 K7KB RT0F
2068 N4NW R3LA	2056 RN3D	2044 JA4FJL	2023 CT1APN E70T JA3QOS JK3GHE W3BG	
2067 JA1NCZ K2AX PA1H UA3O	2055 KX4TT PY2WC	2043 K2UFM K6MKF NA9A	2022 G4DJJ	
2066 OZ5NJ	2053 JA3WLN	2042 K1RI K9OR NE0U	2021 JH1UBK M0CSD N3UA	
2065 G3LUW HB9CQK JL1ARF K4ST	2052 4O3A 9A5N JH2XQY K5TA OM7CA RA3TT	2041 G0VXE IK0OER JN3TRK SV9GPV W4GE WD0DAN WE1P	2020 CU3AA	
2064 4F2KWT DL3BRE	2051 ND4V	2040 JL1OXH LA7WCA N6PEQ N7QT	2019 JA2MOG JH8GEU K1JIU SM5BMB	
2063 K1IT	2050 JM1HJG OZ4VW W5WTX WB8FSV	2039 DK9CG VE3KI	2018 JA7BEW SA0AQT	
2062 NT5V R3ST			2016 RU9UC UN7FW	
			2015 DK3GG	

DS3HWS	OM8FR	2000	1989	JJ2RCJ
IU0LFQ	W2/CT1GIF	AB4SF	N2SQW	KY6R
K9MMS	W9HBH	AI2N		
LA6OP		CT1AGS	1988	1975
RK7T	2005	DL2RUM	RX4HW	JO1LVZ
YB1AR	IK0UTM	DL2SWN		K5QX
	JJ0DRC	FG8OJ	1987	ON4UN*
2014	K1KA	I1WXY	WC4H	
IZ1DFG	KM6HB	IT9CVO		1974
K2AT	NU1O	IW3SSA	1986	K8FC
LA4PM	SM6CKU	JA2QXP	JH7BKN	W3BJ
N7TT		JH0NOS	K1ACL	
	2004	JQ1TIV	N1JP	1973
2013	DM1TT	KF2DT	N1UK	DL2NOM
JE2VLG	EU1KY	KI1U	SV1FKZ	JA4XH
RA3QUA	JA0PE	KV1J	W0SR	
SQ7NSN	JH4ADK	LA1K		1972
	RA3ANL	N7TY	1984	IT9GSF
2012	SP3QYQ	R5QA	JI1CQA	N4OA
JE0VJV		RD4A	JR7MAZ	
VE3MV	2003	SV2HXX	N2FF	1971
	IW3GJF	VE1HQ	WA6JA	G0FUV
2011	K4JC	VK4CAG		
4Z5SG	KE3D	W4KA	1983	1970
UN2E	UA4PCM	W5VX	DF2PI	HA5PT
	W4ZYT	W8KL	JA1DDZ	
2010				1967
K2BB	2002	1999	1982	JM1TWR
KK2M	EA3EQT	K2BLA	DG7RO	V51B
NF1O	HL3AMO	LA9OI	DL1RWN	
RA3BL	JA6IVR		JA1SGU	1965
	JH3FHQ	1998	K4KAY	DS4AOW
2009	KD8RQE	AC4TO		JA3HBC
9A4SS	NJ3K	KN6KI	1981	KA1J
R3DG	PC3T	W4RBO	K8KS	N6NO
RW9QA	SP6AXW			N7WO
	SV3FUO	1997	1980	W9MJ
2008	W3FOX	AF2C	IZ4DIW	
NK4L		EI8IU	NA2U	1964
W1ITU	2001	W2NRA		EI3IO
W5ZG	AJ4A		1979	GW3SFC
	BH4IGO	1996	AA9GR	
2007	DL6OCM	ON7TK	I8LWL	1963
DK5DC*	I5MXX		IK7FPV	JA1BNW
DK9HN	JA8XQI	1995	SV2DCD	W9SN
KV1E	JT1BV	JA1SKE		
N6OJ	KE4UW	N4LR	1978	1962
	OH1JP		AA3LX	HA5CW
2006	OH2IS	1993	IZ8EJB	VE3CV*
DM3AZ	UN9L	K5SM	KR2Q	WD8ANZ
IK2ANI	VR2XMT		W4SO	
JA3BXF	VU2CPL	1991		1961
JA3EJG	W0CP	HA5GN	1977	K5RJ
JF1LMB	W0YVA		WA0ROI	K9ALP
JG4BLW	W1SSN	1990		W0QQ
K9DR	W9JJB	JA1FJJ	1976	
KB4MRX	YO4DW	K5DC	DL5OCE	

1960 JA1CFZ	WS1L	K4MF SM7GIB	UA3FX W3SB WA3I	W5GO
1959 K5NZ SM5CAK	1948 YV5OIE	1936 F1ICS JR7GBL N9ZI	1925 N2WLG W1NA W9IL	1913 K9FD
1958 JH1ACA KE8UM N5TW	1947 DL6XK JA1WWO K8YYY N4ENE	1935 N1KC	1924 DL3DTH HA5BSW NE6I	1912 DL2RTL JA2ITK
1957 4X6ZK K1VW* KB9VF	1946 DS5TOS JA2MNB	1934 DK4TP NA6L W1SRD	1923 IZ1JMN	1911 JH1RFM JL3LSF UT7KF
1956 AA6RR WA0RVK WA1YTW	1945 DJ8NT IK7YZG	1933 CU3AK WN6K	1922 DL4RCK JE2PCY LY3UM WC6DX	1910 NC4RB
1955 SP6Eiy W1CSM	1944 NE8Z	1932 K9GWH	1921 JA2KSP W2CVW WV6E	1909 EA1KP IS0AFM NY9H
1954 DM2TO JA3OOK K8VC KI4GE	1943 AA0MZ DL4LAM HB9G JA1OVD JA8UIV W8TE	1931 JF1IXE K1CA	1920 IK8VRH K9AW W8GNM	1908 DJ3AS K5YCM KD4W
1953 AB4UF K2BX K4WZ KL0S	1942 CU3EJ HB9CIC N4IQ UA4SKW	1930 K6NR K9FZ* N4QWZ YL2TW ZS1J	1919 JF2OZH W8QZA	1907 DL4NBE DL5MHQ YO7NE
1952 N3KV UA3FF	1941 W3IP	1929 IK8CNT JA1OND JA7FWR RL3AA	1917 K2XB*	1906 JA1HOM KV4FZ* N3KS OE1SZW OH3OJ W2YK
1951 IZ1GLT	1940 K4WES N2RJ ND8L	1928 K3VN K4OY VE3JV W5KK	1916 JA3NHL W5THT W8HMK W8MK	1905 HC1BI JA6JEW K9SG
1950 AF5CC JA2FCZ JF2DND N1ZZ N5UW WA4DOU	1939 HI8RD JH0NEC JH8NBJ SV8BHN UA9CGL	1927 EW1P JE1OHL JH9DRL	1915 G4XEE JJ1BMB K6MM PA3GRM W2WC	1904 CU3AN DL1DAW
1949 G3LDI JA1XRA LB5WB	1938 NA2P W4DAO	1926 4Z5LX IK2DUW JM1VRW	1914 CT1BWU JA1QXC SM0DSF	1903 W6DE
	1937 IK2ILH	1937 K7TM RD3BD		1902 IZ0NRG JQ1ALQ

1901 F5JSD IK1IYU JH1BSJ S58J VK3BDX W8FN	1890 JG1OGM W8QID	K9AU K9UQN	1867 JA4VLK JH8KFE K5FNQ N3ND OZ7FOC RA4P RO1B	SP3F SV8DOU
1900 E21EIC HB9RYZ JA7BSD K1FEV KK4OW N6NU VE3NI	1888 MM0BQN W4YCH	1877 EA7QW JA6GPR OH3NDH W0FS	1866 HB9MFM JA1GVM JE1BMJ K1JB K9CS ND4X RA0BA RT3M	1857 JI1WLL PA0JNH
1898 DL8OH	1887 DF6TC K9DT KM3J W7NN	1876 AA4AK JA6OXT NQ3A	1865 K3PT SK3BG SP6IEQ SV1MO VE3UZ WC3W	1855 JT1CO K5CWR
1897 N5WA OM3IM W6KK WB6EWM YO2DFA	1886 DF9PG JA2KVB OH1NDA WB2WPM	1875 CS8ABF EA1DLU IU0HDC IZ8AJU	1864 K2SN MU0FAL	1854 SP5TT WA5POK
1896 JA2EWE W2NK WB5AAA	1885 OZ3SK W9ZCL	1874 JA7VEI KB2FCV SP5IWA	1863 JA1PAH N9KW WO9S	1853 HK3X IK8UHA N7MQ W2RIJ
1895 KW4MM OH1NPW W3ACO	1884 IZ8EEI KZ9DX SM7EH* W7IU	1873 K7ACZ KD4S WA4VA	1862 DJ5IO K2CIB N7ZO	1852 NP4G VE7TK W2KA WB3D
1894 JA0AXV JA4HAW W4HZ	1883 IW0BYL	1872 SM6CLU	1861 N1AC	1851 IK6GRT JA7GYP KS4YT SP6AEG WA4QMQ
1893 JL2PQV K4JKB KA6BIM UA6AUA	1882 EA5RU KK9H N6MB	1871 DH0GSU DJ7ZG K4EU W9VG	1860 N6PM	1850 JA0CIU JA2KTP
1892 KL7HBK	1880 AC6DX JP1TRJ WB2KSK YO4AUL	1870 JH8SIT N6QI OE3HWC W5GA	1859 IK7EOT KV4T N7WS	1849 KE6FV KM3V N6RK
1891 DK1WU K6XN K8QKY LA9TY N1QY	1879 G4NXG K2HAT RD9M	1869 JH0EQN K6MW RU1AO TZ4AM WK7E	1858 EU1M I4JBJ JE1HRC PY5IP	1848 AB4I IU8FRE
	1878 K3EA K5AB K5KG	1868 G3SBP SV1OZ UA1ORK	1847 DL3LBM IT9RTA K3BR	

K5OA N5ZC VE1OP W1WLW	HB9DQV JA6HQT W0ZD W6UC YO2KHK	1823 DL6KO K1JD NI5F SQ9OH WB00	1812 K3MSB KD9HL W7CD	JR1VAY N5PR
1846 JA2XW	1834 JH4RUF WA2USA	1822 WB0TVY	1811 IZ3BJK N8NA OH2RI	1800 G8AJM K3GGN KJ7M N2NW N4HN WX0B
1845 IZ0BTV WY6N	1833 DJ9WH K5ZQ LU8ADX W8CD	1821 IK3SWB JA0EY JE1VTZ K3GT YV5LI	1810 DL1DWT NM5Z NU7J VA7CRZ	1799 JE1IBI
1844 N8SHZ VE3YV	1832 JH2PWY	1820 DS5DNO JA3EY K8ZM	1809 CT1DOF K5OT	1798 DL7KL K1IFJ N7ELL S59DKR
1843 GM4FDM K2RU KK4CB N1MD	1831 SM3PHM VK3FM	1819 JM1GHT K5UZ	1808 K5WBM W0MU WB2NPY	1796 W0DD
1842 NE9Z NO4J SV1FJP VA7ZT	1830 DL8FBD HL5BMX K0OK	1818 K0THN K3AJ	1807 K6BV	1795 HB9IIO JR1DQK K5ZD KA9OKH RC3FL WC4B
1841 W8ZF WB2AQC	1829 7M4AOE JA1UTZ K5TN KD1F	1817 I8DVJ JF2VAX JH6EJG K6IPV KB9DAK W8FIB W8LKG WA4BIM	1806 DF1ZN PA0MBD	1794 I2YWR K2IXQ SM0BYD
1840 EI6IZ K2MP W0KCJ W7HR	1828 JA1QIW OZ4AAL	1816 S52FW	1805 CT1BXX G3WW W6BK	1793 G7VJR SM4DDS W5UE
1838 DJ1TO ON4ANN	1827 HB9DDM IV3AZZ N1IA NA5Z VE4EAR	1815 JH1OGT SP9WZS W1PX W3KB	1804 IK7WPC IT9BLB	1792 DL3EA JH1DGJ JH4RLY JR6GIM K6TAR
1837 CX2CC KM3T LY9Y YO3JF	1826 DF3EC YO3DDZ	1814 NR9J	1803 AG5W EA5RD JA0LFV K6IPM N6ZN VE6KC	1791 JA2OLJ W3DM
1836 5B4XF AK5X JA1JPM K0SD W3XY	1825 F5VHQ K8EAB	1813 J11LAT VK6LC	1802 JA0VSH JH1NYN KE5PO N7DED	1790 K9JN SV8RX
1835 DK6OR	1824 IK0EFR JJ1KZZ		1801 EI2JD	

1789 IK2ZJN JI3BFC WD4OIN	NY3C W6TK	K3SV PY2SEX SM5YOC	1760 DK0EE HB9TMW JR1EFG SP5MXZ	1750 6K5YIA 9K2GR AL7TC JH6PFY W4CCS
1788 K0ARS K4YJ KT2C LA1U N3RW N5FF	1780 EA2AAZ N2GZ W6OD	1769 K1BZ WC7N XE1VIC	1759 W0JM	1749 N6BM W0FK
1787 KM7R ON8GT SP7ICE	1779 DL1HBT JA6GIJ	1768 F5BOY JA1XPQ K7LAZ	1758 K2PF* KE4S SM5GLC W5JMW WB2BIN	1748 IV3IXN OZ1ACB RM6B
1786 AA7XT EA5B G3YQA G4AFJ GU0SUP N2CG UN3G	1778 JA1IAZ JH1ILX JR3QHQ S50B	1767 K0QQ VE3VC WK4Y*	1757 JI2FBG JS1NDM ZS6NJ	1747 JA1ETN JH0OXS K4LM* K5AV
1785 JI8PDC JL1BYZ K9QFR R5DU W6WF	1777 JA3MVI JA7DYJ	1766 IZ8MBW LZ1MS N2KX SP5ELW TF3DC	1756 DF1KG NE9R SM1TDE SV8CKM W9NIO*	1746 SM2DMU UN7G W2DXE
1784 AA4U EA5DFV I2TZK JJ2ONH JM1LPN LA8AW W3MF	1776 W8GEX	1765 DL5KUA K7GS K7XC NH6T/W4 WV2I	1755 I4JEE JM1SZY JS6TWW W8JH	1745 IT9AAI K9JU SM5ELV
1783 EI7CC IZ0CBB K4SX R9MJ	1775 AA6PW AH0U I8YAV	1764 DS5RNM HB9ZS JJ1CZR UR4IOR UW7UA W2CDO	1754 JE2UFF N9XX OZ1LWT VK2CA W8RV	1744 I0GOD IZ0GYP KQ4EE RX6DX
1782 K1DJ KD2T OE3KLU SM0XBI	1774 N3XM	1763 IK4THK W9ZJ	1753 K5CR	1743 NU1B
1781 DL1FKA	1773 AJ7G IK8GJR K7NK OZ7DN WB4YDL	1762 F6HLC JH2AJY K6UFO S53MJ TI5CDA WC7Q	1752 AL7R JF2HPA LU6ETB W3NS	1742 JA1PPW
	1772 AJ8MH K9PG UW2ZO WA0SXV WB4GLI	1761 HI3Y JA4CZM W8LMG	1751 AA4DD DL4FAP KR0P LA5XGA	1740 CT2GLO DK5QK JA0KJE N1KDO VK7CW
	1771 K2MK KZ1W N7BD W4DEE W8OM			1739 AD6ZJ CT1IZW EA3WL HB9FBG HB9KNY

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1738 F5RQQ N0STL N4GU	1728 K4WY K4XU W1KDA	1719 AE4CW OH7TV UN1L W6SFK	1710 JE1HPM JG3KCX KG4CUY KS0M KW9U W4GP	1700 JA5DBE KE5TD WB2RAJ
1737 DL9EO K1DX WA5NFC	1727 JE4CIL JR5JAQ K4AR N3ME* N7HN	1718 K6CF N4TOL NX2X WA6TLA	1709 JA7BME	1699 N1NU
1736 IW0BCF JA0RCK N7MB W1OP	1726 DL9GTB IK3DVY K4KGG K4QE K4VNY	1717 JH1ERJ JL3MCM SP7CVW SV1GRE	1708 IT9ZZO JA1SHE JH9AUB N8VV NU4Y W5UHQ	1698 DL7APK K5PC KF7NN SM5API* W8SAX
1735 JI3CJP JJ2WOC K7FL RN9CM RU6K	1725 N6EE	1716 9A1CKH AA4M DK1EI JG1SWM	1707 AB2RF JF4EQJ SM5CSS	1697 9A1R DL6LIM K0DD KK9T
1734 5B4ALJ	1724 F5JY JA3CSZ YB1TJ YO3AIS	1715 JA8OW JG3WCZ K2CYE KK5OQ N4DVK W7WZ WA2UBK WE4S	1706 AC6HY IK4DKO N3OC PA3BWD W9BP	1696 N4AOE NA6MG RA0R W9GG WC4X
1733 N6WM W8NN	1723 DL7JRD JA8EIA	1714 I5MPN JH1FSB K8JE N6AX N7KO	1705 K7GQ K8SMC*	1695 EU4A JH3HGH K1DW KF4VTT LX1DA
1732 IK6EIW JA5JUG	1722 IK2GPQ JA3UNA M0IKW N1WQ W6PBI*	1713 HA7LW KC5LK ZS6UT	1704 K4RG N3VA N7FU W7FP	1694 DF2UA HB0WR KW4CQ UA1ANA
1731 KE4KY KR4W N2RR N5EPA NL7S SV1FJF W6WA W9GXR	1721 DL1TS DM2RM DM3ZF EA2J K0MD W5KI W5RF W6AER	1712 F6KOP JF1KMC K8SIA NG7M	1703 EA3HRE HB9BOU HK4L NA2X	1693 EI9FVB R1QA W2GS
1730 G4FKA JA6JNF JE3EDJ WX6V	1720 AB2E JH8UQJ		1702 JG3HBO JH1MFN NA2AA	1692 BV1EK CT1ELF IZ1JLG JA3KZV K0KP PT7ZT W0AD

W1UE W4LIA	1683 W1JA WA2UUK	1670 JA1BNL JH4JLV K8ZZU	1661 HB9TOC K7FEL RL2A W1EL	1652 GM3WIL K3WI N4FY VA2IG
1691 I1YDT JN1NBU K3NF K9WX KE5FXE KF7F N6KK NX8Y W3UM	1682 K4MIJ LZ2ZG WR2K	1669 HB9CQL NA4MM	1660 AD4AA HB9AWS K9GS LA4WJ ZP5YW	1651 KE1VT
1690 DJ6NI JA4EVN KA1DJ W6RFF	1681 JA1JYE JJ0NSL K9MUF OK1DX RL3AW W4UEF WB6L YO3FGO	1668 7K3QPL HA5LQ K2DC NE3H W8NJR WA1ZIC	1659 EA3EQS JH1EDD W8UQ	1650 N5QS N9TF NS3L W1EG
1689 IV3ARJ JG1DUZ JH3GFA W4GMY	1680 JA1FUI W1MR	1667 4X6UU DL5CL EC5A W9RXJ	1658 DL2JIM K0EOO K5TR OZ8X VR2KW WA3FRP	1649 N4BAF
1688 AA0ZP JH1IZR K5MT	1679 JA4IYL	1666 EA4UV F5CT JA1TD K7AWB N6MXU WA6G WB4QOC	1657 SM6AOU	1647 CT1AHU JA8AZN K3STX VE7SZ YV5KTM
1687 AD5MN EC6AAE N2LQ N3TR R6FFB W6GRV	1677 DJ3XG DL7UVO KM4NS W1DYJ	1665 K5CD N1API SM2EJE UA0SC WA4MME	1656 DK3QM KT8Y N2CQ UN7JID W0KEU W8NGA	1646 HB9EFK HL1AV IZ5EBL N0AMI YO3VU
1686 AG3V F6DAM JA1NRH K6LRN LZ2HM NA4M	1676 JE1PHH K2RR PA9M	1664 DL5NO EA7BJ IK1MEG IK3ITX WE2N	1655 GW4MVA HB9MEJ JA1HSF JE3GUG JH1FVE JI6IHG N0UN NF3R UA3AKI	1645 N1BCL* R7HF R9JX W9MR
1685 JH6WDG K3XO KE0A N7GR W1OG	1675 W9CSX	1663 IK0XIH J11MNT N2ZZ	1654 JE7RJS RN3OA SM4CTT	1644 EA4DB GI4DOH JF1WLK JL1WQO K3MD KD8F KG5UZ N3MK WT3Q
1684 N9AOL OH3NHF	1674 XE1FAS	1662 DL6UNF I0LYO JR0EQQ WY1G	1653 AE5B DL9IU SE2T	1643 K4FX
	1673 EA7DUD HB9DQL NU4I W1KMA			1642 DL1EK JG6NGS W1HEO
	1672 K4WW PY2GG US1CT			
	1671 AC0X W7QHE			

1641 DJ7JC JA4HXF R3CR	RW9SG VE1JS VE3IQ W7JW W9ROG	1625 CT1BOY RV4LC W3OOU W7YA	1617 EC1AIJ JG3KLF K0CF ON6AA VE1VOX WB2HJV	1608 EA5K I0KDF IK1UGX JA2CUS R3IS W5ZE
1640 K6XM LB7ZG N4XXM NA9Q SP7QHR	1632 AA3TH K8ZT KU8X S51MA W0PR WF4G	1624 HB9DVZ JR1WYW N8WRL UA9CNX WA5NOM	1616 I5FLN IW9HII JJ2VLY N4ZY*	1607 N9AKR ON6NR SM3DXC W6OUL WB1EAZ WB6BFG WQ6Q
1639 HK3PJ JH1FNU JH2GZY JQ1YIW K5ALQ WA2MBP WB0N	1631 K6UNE K7CMR PT7DX SM5BNK	1623 AC5AA IK2QEI N0ODK W1OK W7CP	1615 JI1HNC VA3MO W7IUO	1606 IU8HEP K2SY K3KY KF2TI N7UVH VK5GR W7VS
1638 LU1FAM N9TK W1SLF	1630 K7HC	1622 JH2BNL KF4NEF KI6X KU4BP NW7M	1614 JA1XEL KC6JAM LX1CW OK2ZA UA4PK W5WLA	1605 JA4QAD OH5LLR WF5E
1637 DK3BK JA9RT W3UL W9MO	1629 DL7UIO EA4DEI G4ZOY JR1CAD KW3W YL3DQ	1621 I5XFD JH0AWC W6CUA	1613 JA2ODB JL1GYZ K5EWJ N9JR W7LGG	1604 KC8RP WB5STU
1636 JH7CUO RN6AJ	1628 AA9RR AG7N JA6BZA K9SE N8GP NV4B NW4M SV1BYI VE1RGB	1620 9A6ST I7LGM K3LR LB2HG SM5OJH VE1JF W7YW	1612 DH3KM JE1CTA SV2CLJ	1603 GW4TSG JA1CCO K6KZM W5NUT
1635 AA4A IZ5FSA JA1DCK JA1GUC N8NB WA6SCW YP3A	1627 EA4EPY N5PA N8AGU W0ZS	1619 AD3C IZ0BVU ND7J W0SD	1611 EA5AR IV3TMV JA1PCM W2UDT W4PNY	1602 G4FAL JA7FAS VR2XYL W1OPD
1634 F6GCP JM1JIV N7RD US8UA W0PSY ZL3RJ	1626 JA6AVT JF6XQJ K0GW W2RA W4AG YL2CA	1618 AD4Z KC9FFV KF4MH UA0FDX V31MA W8WVM WA9GON	1610 9K2BM JA1GVT JH2AQI N5PG SV3ICK W2GFF	1601 IZ6CST KY9KYO SP4K YL2TD
1633 JH1SBE K2RET RA6AAW			1609 IW5AB	1600 DL8SDC JN1NOP JR5VHU

K4AB KB2XJ TF4M W6BCQ WA1EHK	1591 JF1WQC UT5URW W5VU WO2X	1583 K1OT KJ5PQ N6GP	G3LAS* RU3A V51YJ W7/DL1UF WD5BJT YV4DYJ	1564 IK4TVP N6RFM OE1PMU UT6UA
1599 KO8SCA W0QC	1590 AA4LR JL2KEQ K0BX* SM5HJZ W8MIL WA4FLZ* WB7QXU	1582 7J1ADJ JA3EEM N0KK SM5FQQ W4UFO Z32ZM	1573 DL2HRT HB9FMT WA3GNW	1563 IV3BSF JM2QWQ KR8T LZ2XF W9QO WA6EZV
1598 CT1ELC EA4DL I2EAY IV3FFI JG1HVC KI8L N4XX W7TUS	1589 F6FYD IZ4AIB JA2HNP JR6CSY K8KI KE9U KM2E KZ7N W4QK	1581 7L1CYC JA3AVO JR4VMS VE1ZZ*	1572 JM3GXU	1562 KN7Y ND3L YB0NFL
1597 I8MTQ K3IE OZ1HPS W5RYA XE2MX	1588 ER0FEO FM5CD KE3X N3ZOM N9MR WQ5R	1580 F5LIW OE6CLD W1FA	1571 7K1CPT FG4NO HL5FBT JJ3FRB K7CU XE1R	1561 E73W JL1VAL K4WFM K9CJM N8PCN W8JA
1596 K3WGR K9ARZ N8DUY YO9FQT	1587 JG1OWV RO7T	1579 KE6V NA1DX	1570 JA7NLW K2ZD W9HP	1560 AG1A CT2IUK KG6D ND1Y UA1CKC
1595 DK5HZ K4OCE YO9BXE	1586 IZ8EKL K4GK K8AO W5DM W7TSQ WB4DNL	1578 DL3JPN IU8FRF JH1AQN K4QD K7LY NS4P UN1O	1569 JR0AMD K6BZS SP5LKJ UA1TAN	1559 JG1LFR ON4ACG ZL1HD
1594 E74A JJ6WZS KD0AA SK0QO	1585 AB4GE KE4SCY KN4JX WD8KND	1577 IZ5YHD JL1ELQ K2QB K8DE W6HDG WB8ART WS9W YV5AM	1568 BA4TB DL6DQW HL2VA JA0CVC KB1HY	1558 KI4TZ N6VS N8IL
1593 HB9AAA W1JQ	1584 N6WT VR2MY	1575 AC9S JA1NQU K0PC K5HK K7LFY UR4CWQ	1567 AA3AZ DK5JI DL4UCS IS0MVE	1557 7M4CLF K4WM OZ3SM W1JGS YV5KAJ
1592 DL5RDI KU2A VE7CV VR2XLN WB5NHL WW8W		1574 AB0RX	1566 E77S IK8YFU LA5SJA RA4WE	1556 IV3AVQ R3DL RA3M WJ3A
			1565 KE1B N4FN	

1555 EA4D IZ0ADG JH5HDA JL1OEC KA6A KK7YC SM5BS VA7KO VK3TC	IK7AGT K1CBK K3VAR K5AC K8LO PY4AZ W9WO	1541 IK4YCQ JA1XPH JG1ULT K9EXY NY4I PB2A VU2CDP W4NE	VA2LM	1525 EW2DZ G3YBO G7SSE JF2ICB KE8G UT3UX W8VI
1554 AA6K CT1ZW* DL4MM KE9S	1548 N2ZN W3ML	1540 JP7FSO K3GW W2DEN	1533 JH2KXN KI7AO KZ5DX	1524 IT9ODQ JG1LBN K2CS K4MY K6FM LY3BY OE3JAG W3KHZ W8WM WA9JWL WR7Q
1553 AC4VM AK5Q HL3ERJ JP1SRG JR1AIB KE4BKL SV2BXA SV3KH W4CSW	1547 JA0EVI JH2AYB JR0PJR K6QU N7OJ WA3GFM	1539 HL4CBX HL4XM N5ID VE2BWL YB2DX	1531 IK7YTT N5MT VE7XT WS4C	1523 EA3ESZ HK1X IK0CHU JL6USD
1552 HL4CCM JH8JYV NE0DX RA9SC WN7J WQ7B ZL3TE	1546 G8BCG HL2ZN JA8ECS JE1LPZ OZ2RH	1538 JA4RED K2JL SP5JXK	1530 5T5PA JA1DFK K7CMZ KB5UNX W3WST W7BEB	1522 CT3CD DL2RD DL8DXF KP3AH UA9LAO W4UDH WB2ZAB WF1H
1551 IK0WRB JA0NPQ JA6GXP KD4POJ RD9U W4WT	1545 EA4DUT I2DMI JQ2QHQ SV8LMQ VE1SK	1537 G4DYC JH1RVQ KE7W N7TR RZ3EM W4OV W6DCK WW1V	1529 EA1P I1CMA JL3JRY S59SV UT2AB W6FL	1521 4X6GP ON6YH SM6VR WA5UA
1550 JA8RRF JH7IMX K2TER N6EM N7VPN N8AYY SP5APW WA4USA	1544 7L4VYK JA2ACI JH6DUL	1536 DL5ZB EA5GHD IK4FNF JP1LRT K4CGY W4MA W5FPT	1528 AA9LC GW4BKG JR3TOE WA1SXK	1520 KY5I N6WIN NA3F SP3EPG WA8A
1549 AC6BW	1543 N3NR N5CQ N9JCS RZ6DX SM5ACQ UA6J UR5ECW VE6BMX	1535 K0IS K0SRL UR5WIF	1527 9A0W N3AO NP3CW W1ASB WB6JJJ	1519 AA4FU K7DSE N1EVK WB4SON YO9BLY

1518 HK6K JE2KSM JI1VVB JK1UVP JP1HDK K2WJ K4HQK KD4SN RK9UN WA4NUF ZS2Y	WQ1H 1512 4X4MF EI8GS HB9FBM JH6WMJ JK1VXE NE1F NV1Q RA9LT UW2XW VE7VF W1ZS W5FL W6ZO WA2MCR	1507 IN3EQZ JA4GXS KR4BD N0VVV OT1A VE3SKX W0BBI W4NBS 1506 CE3FZ I2YPY JA0ED K5DV KB6CIO N4NR W3US W6GJB WR2G 1505 DF7AP G4FTC JH3PAS WK9U YB2TX YU3MAY ZS1C	KB5HC KF1C KN7K W7IB WA7BNG WK8A YB4IR 1501 DK5RL DM3PYA F5UKW HB9AGO HL2DBP K2SD K2SHA K9QJ KJ4YLO KO6KD KU1T NK5B ON5GQ R0QA R2DO UA1OM W5DXQ WA5CMI* WB9PNU YB0MWM	1499 JJ1OKK K5LY KF6A N7ZA SM5APS VE6TL 1498 IW7EBE K4AU KA2CYN 1497 JA4HWX JR2IMJ K5YG NZ5O 1496 E73M JH1LAH N4ZR 1495 AG4Q AK1N* EA3ELW ON7DR 1494 G4AFU KI4TWA 1493 GU4YOX JA3CMD 1492 K5NOF N4PGL* W7FI 1491 I8NHJ K0JN N6DHZ ON4LG W8BI XE1ILI 1490 JA6HUG JA9APM JE1NVD VE3QAA
1517 HL4GAV JA8EJZ K5TIA N0YY W0ANZ	1511 DK8UH JA5JGY JK7LXU K3WWT KL7TS N1CGP N1PM UU7JM VK3KE W4ID* W6DX	1504 DJ6TF GM0VRP JF1AGB W3BNN W4UAT W6ZQ 1503 4X1SK DK3UA G3XLF HB9BNQ JQ1EST K8MN KU2C N9LJX ON6KE SQ7FPH UT7EC VK3NX 1502 HA2NA HB9ERU JH7QLR K9LCR	1500 AA4US G4AYU JL1CNY K1FT K1KI K1VI K4RDU KE8KMX N5VYS N5XJ N6NR N7QU OK8DD R5AK RC2A SM0HEV UT2VC W2PA WA0JZK WB8BZK WJ0T WO5I WV8DX YL2BR YO8CRU	1495 WB9PNU YB0MWM
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1489 F9CI IZ0COK JR2BJE W1LY	1480 K0XN KX1A* N7GCO W4UW	1470 DL2CC IW2ETR IZ8DUD K0BRO KF0RQ NU4B WS1F	VA3HP WB3BFC	KB4CRT XE1L
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1487 JK1WSH LA8WG N3AIU N5UE N6IG W4PGC	1478 A71AM	1468 DC8TS JA9ESZ KV4AA N9LQ W8LR	1459 F5BEG HA5UK N4MI S50U W0VHF	1450 DJ5DT JA2BUR K2QMF K5OVC W4TUN
1486 JA1VRU LA2IR N8XI W4PG W7HUY	1477 G1VDP W0IKD	1467 JH8OCV K8LN KB8GAE N1LID VE3MM	1458 EA5HM K5QR K8CQ*	1449 CU7AA DM5EM KP4DS KQ5M LA7EIA N7TM
1485 AA5N DM9EE HP3TA	1476 N2BI W7IAN*	1466 EI4CF JA3MIO JH3KAI UA7T W8AKS	1457 IK5EKB OH1HB PY3VB	1448 JK1EBA K1IED*
1484 IK7YCE K0MFI	1475 AA6RE G0SYP JA7MYQ JI1UHZ K4IE	1465 JF1MTV K5YU K7VC N4UFP N4WE NZ6E	1456 LU2AH PB9FN W1EBM W5RDW	1447 AF3X G0MTN J68HZ K9KDS WA3GM WM4AA
1483 4X1RU JA3WMS JE2VFX K1EO K6LPO RU3UN S57UX W0OGH	1474 PY2RN W2GDJ WV4V	1464 W5BK WA6POZ	1455 AK6A ES1FB JH1XXB K2KIB UT5IP	1446 K0QC K3SF KH6U SV1XV YO9IKW
1482 DL3IAC I0GKP	1473 LX1KC NX4TT W9NJY WA4MIT	1463 IW0AFS M0URX	1454 JA1NLX JA1UPT	1445 EA1PP KJ4UZU KT8D NJ5N
1481 DL4FCJ KK8MM NU2Q W2TX	1472 CT1BOH JH1APZ LU2DSL N6AWD W1XV W4WG	1462 DJ1OJ IZ8CCW JG1LRE	1453 KD2SC N9CO W5QP* WA4TII	1444 JA0BOV JR4ABB K1KNJ W4QG W6SIY

1443 N5DT PV8DX W8TM	1435 A92IO IZ0FUW K1WO K6KR PY6HD VE3FRR W3WH W4GF	1427 JF2SKV W9UM WC1M	LA9PJA OE5TXF W6SHY	JA6XE JH7WQX N0TK W1GF WY0V
1442 EA1AZ K3VPZ K4NC KO4PY KP4N NN6L R7LP SP7UWL WA8RCK	1434 CU3BL JH8WXF JI2KUJ KE1R OZ6EI	1426 9H1EJ DL2MIH SM4GVR WA5KBH	1418 K4GO KN9P W5GJ WA8CDU	1407 K3ATO KM8AM
1441 DL2VFR K7PT* K7QBO KF4ZZ UR4QFP	1433 JA6SRB K7ORK KC4HN W4HOG W6OPO WC2C YB1RUS	1425 DL6NW IK7HDY JA3BKP JH3PRR K0XR UA9FFV W2EQ W9BS	1417 JA0NZR JE2EBT NX9T PY3SB W8HB WA3WZR	1406 I0EKY JA0MRW N4VN N5TF VE3YXO W6DPD
1440 JA8BOV NE5S	1432 PS8ACL W3IZ	1424 A61BK G3PSM W4DTA	1416 JH1SOD W5SWV	1405 AF4CD IK0TUM K6XJ LB5GI N1WON XE2YWH
1439 DL1VDL DL4FDM K4EA K8LY KJ6Y N2XQM XE1EE	1431 JR7ILA K8MVZ KC2SST W4AO	1423 AA1M EA2AA N1BZ N3FG N4NQ TF3Y W5AP	1415 AK7O	1404 AB6CF JH8KIY RN3QO
1438 DL7UGO K0COM K1TKL W8PI WW5G	1430 W0PE	1422 I4ACO JO3WHB KB4CL W5LUA W9SE	1414 JH5RXS W4AXL	1403 9H1AE AA8SW JA1ERB JR1TNE LX2SM OH1WR ZL3PAH
1437 G4PVM N9DR N9IO NG0G VE3BZ W0ZR ZS6KR	1429 AA4ZK EA7AN EI1DG JJ1LID OZ2ABI TA1L W1MJB W4HGW W4WJ	1421 DJ4KW HB9DQD JA3AYU K0IO	1413 DK3PZ DL6NDW JA5XPD LU3VA N6XT RX3BP WB5ZAM	1402 5Q2J JE6HGL UA0SE
1436 AD7L KK4CLY KT4O NY4G	1428 DL9MEN N3HBX W0FG WA0WWW	1420 JH7VTE KK0DX KM2L	1412 K7PO WA2VQV	1401 JA1DXA JG1BKX JM1JZN VR2CH VU2IBI
		1419 A92AA JH6WHN JR6DM	1411 AI9U DM5JBN W4KK	1400 JJ2KDZ OE1HHB W7NP WA2BOT
			1410 JA1BON	
			1409 W5KFT	
			1408 AB9M EA2AGV G3VQO	

WP3R	ZS6IR	KN7D	SM2OTU	K1LTJ
1399	1391	OE1JIS	1374	N0YO
F5AQB	K7VV	OZ7AM	DJ9SO	N3KR
JR4VEV	N15G	1382	DL8TV	W9GE
N2ED	SP5GQX	DK8IZ	KC2STA	WA8LOW
N4UA	VK2GR	E73D	NI7F	1363
N9RD	W7AJ	K3HW	W0MS	9A3NM
NA8W	WB0ULX	KC4HW	WB4CW	K6EGF
ON4EB	WB8FIW	KD5QHV	1373	NX1P
WZ8P	1390	KJ9X	K1TWF	W6FEL
1398	DL4ZAB	OZ1RE	W2PS	1362
K0SQ	DM3CW	W0RXL	W4TNX	DL2TOS
K8JRK	JL1BDI	1381	1372	JA1TOU
KG5VK	K0VM	DK3TL	AC4BT	JH1DSF
TF3JB	K4TR	K7WE	AC9O	K3SUI
1397	N8II	KB4XL	OE6VHF	K4MV
HB9BMY	1389	WB1ASL	1371	K6JAT*
JR2PAU	DF8FT	1380	E70A	PT7CB
JR4LZX	I5YDO	KB9LIE	HB9ESS	R3BB
W7QC	K5LC	KE5BR	JH8LEY	UR9IDX
1396	N4MIK	1379	K4JPD	W4RQ
DJ8WD	1388	I5GKS	N2DXJ	1361
DL9DRA	CT7ANG	JA8EKU	WB8EJN	IK0WMJ
K4MQM	TG9AJR	K6UXO	1370	IV3KCB
NG6R	W1PR	KB7V	KP3V	KM4A
YO6HOY	1387	N0IW	1368	TA6N
1395	W5EC	NV4A	N4LV	1360
JH3HTD	1386	XE1YD	PA5A	4Z5IW
J18XLD	IW7DVM	1378	W1GQ	IW9DNI
K2DH	KE4FW	K9JE*	1367	J11QIO
VA3IC	W0SHL	UA1CEI	DL5CT	OH2LHE
W7KW	W1GY	1377	K0FF	RU3UR
WD6T	1385	KB1DMX	KB9AIT	W9DCT
1394	8P6SH	PV8ABC	N4XU*	1359
IK5ZUK	KG4JSZ	W4DN	W6ZPL	G4ZWY
PY2DY	N5OHL	W4PRO	1366	IZ3GOG
VE3OTL	N9LF	1376	G3VAO	JA2QVP
1393	1384	DF9HI	K8GWU	OD5YA
EI4BZ	JK1LUY	EA2BFM	1365	WA1NXC
JR1JGA	RW3SU	JA2LHG	G3KAF	WI4T
NB3R	SV1IXK	N7JB	HB9BEM	WI7P
RL3BZ	UN7BK	NA2R	IU8IYE	1358
1392	VE6SH	ND7K	N2FY	LU4FW
EA1BLA	1383	RA3CO	PY2OP	N7TP
G4RGK	F5EOT	1375	1364	ON4CN
KA1CRP	JA4FCV	IZ7GXB	JA1UOA	1357
VE3CX	JH1XFR	JA7SFD	JA2CGH	DF1IR
WA3SKQ	K4DET	K4TXJ	1364	IK6RFQ
YB3MM		KD2GC		JA1VRY
				K5CQT

KC4GL TA1AL W9ZT WC2K	W6KGP	IK0PRG JA0JPD JA8ANQ VA3VET W6VNR WB2GOK WD9Q	1335 JA1DOT JR3XUH NC4MM SV1CIB	DG1NPM JA1PUK JF1JTQ K3NQ UA0APV W0IJN WR5Y
1356 K5HTE K9SUH N0TR	1349 JF3SFU K2QL N9PGG WT9U		1334 JH1OVY K7RR SM7DXQ W5TFW W5WS YB0DJ	1326 AC0B JE7JZT W3TC
1355 HL3EHK K8EJ KI7HO WA6URY WB2KSP	1348 AA7UN AK3E JA1ITJ N3AF RX3APM XE1MW	1341 I2KBD JE0ART JG4NNS M0VAA N4MEC W4UT WD8LTM		1325 G4NBS IU0ICA JJ1BDX K4GHS OE1TKW SM1NJC SM5AKS W3NRJ
1354 IT9JPS IZ2EIH K0LU W4DCY W4WX W7VAS W8SET WA5TXY	1347 GW0ANA K3BZ K8VD N4TD	1340 GM4YMM IK5LSQ KB0EL N6VH	1333 IK2RGT K5GM ND6S PT7YV WV9L YO3HOT	
1353 HB9EXQ KG8CW	1346 EA3NY HB9VAB JA6JPS K5DCW VU2ABS WA9BZW	1339 AA4EA HB9PUE K1OR KM5VI KP4DKE	1332 DJ6BN JG3WJN JH1HRJ K4KAL KA3GWD NA5S NR4M	1324 HA7GN KI7M N8HRZ SM7BHM SP6OUQ
1352 K2CDJ KA3CRC NC4AA NZ9Z S57AL WS4H WX2U XE2B	1345 F6DHI JG1IEF R7FF SP5DL WB1DX	1338 9A9L* AJ4F DL2VWR HL1VAU KM2O SM2HWG W4PGM W7PAQ ZS1DX	1331 JA3KWZ JL1BTJ RA3SD WZ4RC	1323 DJ7WG
1351 HB9IJC IK4HLO K1OYQ	1344 DL1QQ IZ3GOO JA3HBF K9HQM LU2JCW N5KA N5VR ON8VM PY2ADR WA8VSJ	1337 KF8PD KG4USN	1330 DL3ANK JR2ATZ K3LA OH3TY	1322 DL6KVA IT9CMU IZ4VSD JA9FO JI1QZQ W4DVG W5JE
1350 AG6HE EW4A IK2HDF JA0NFP JI1CYX JI3KHV K0QB K5EWS LZ3CB N4QM	1343 G4VMX JK3GWT	1336 AB5YI AB6Z JG2LGM K6JW KP3V* KU5B LA3PK N9HF VU3WEW W3DQS W4QNW	1329 IZ5EKW JA1MLY KE4WI N4KM W6HGF	1321 DJ5EY DJ8SN JA1BWA JA1PVX K3JWI K4LQ K4NST R3QX W6HYI
	1342 AA8M DK8FS HK6P		1328 F5NTV KW4J W8VK	1320 DH4JQ JA2DLM KT4AC
			1327 BX5AA	

NR0T PY8WW TF5B W1RG W4WN W6BBS	1313 IZ7EVZ JA1DCO K4ZA KP3R N0RR TF8GX	1306 AC2G AI2S BH4SYG CT1FJK DJ4PT HB9FAX IK8MRD IZ6ERS W2FB	WU4B 1299 CT1AUO 1298 CT3BD K1ROA UA3GT YB1AYO	SP9TPZ W8FAX W9MAK WP4EJH 1290 BG8PA DJ2UU N6DNU N9MW UA1CGS VR2VAZ 1289 JJ1PFC OZ7QB 1288 HB9FAZ I5SDG JA1XQC K6RC K9JP KF2OG KF9AF N1KX N7NR W8MSP*
1319 DL3ZH EA1EA ND3F RN5AA VE7VV W2SKI ZS2I	1312 F4GVO W4PV W5LO WQ8T	1305 AA6PI HB9DVO K0TV KE4KMG WD0EVR WT2P	1297 AB6L JA7JND JA9BEK TA2RC UN7TX	
1318 DD3KF K0HQW	1311 CT7AUP KC5PL KD4OS VA7XX W2GR W4HM YB2TS	1304 4Z5GV DL5JS IZ8DEO JA3DAY KI3O WG0G	1296 CE3EEA NE8P W3KHQ WX4F	
1317 EA1KE JR3ADB K3JM K7CO KM4HQE KR4U N1SZ N3WD SM0W VE6SV	1310 CT1ESO DL5KUT IK0PRP K0AU K7JH VA6JV	1303 DL1SDH JA1XUY JR6GHN K0ABC K6GFJ K8WHA W9RB	1295 AA4UC G3GAF G4SGX PA3FWV W2NY WB9DLC	
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1314 EI3CTB G4IDL I4JED VK2AAH W2FCR W8AF WB4KTF	1307 G6NHU N1BY NK7C S59DJK VA2LC	1300 EI7GY JE6UWU JL3OUW KJ7NO N5XE	1292 HB9GWJ K2HT K8MRT VK5CE WD8NVN WY7FD	1285 7Z1SJ K1ZJA KG6B N4ANV NU0C W0JMP W4CMM
			1291 AE6Y K3GO K9ZG	1284 K1PTF

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1283 EA1AUO JH7IQQ K8DJC	1275 JH2PWM KF9UG UA4PT ZL2CC ZS5LEE	1268 EA5XV F1JKJ G4DDL GI4OWA I8PND LB2TG NJ0F PY2XAT ZP9MCE	1261 IK5BSC K3TLP K8LBT WB8Y TZ	1254 EW1LM K3DFL K8OD WW7Q
1282 A71EM CU2AF JE3PCP JL1IHE K9MX VE3TM WW4LL	1274 JH1EVD K1BZM OH1ECQ W2UB	1267 G3PLP JA4HDO JH0CLK OK1ADM YU1FJK	1260 HB9HBZ K9GY	1253 JH8CFZ KM7DX OH1LAR PY5VC
1281 DJ9CW I0NUM JA4SSM KB5IY KC9G SV1HEP VE3TKI	1273 DL6RA NS7K W3HKK	1266 GM1BSG JP1GUW K1TU K4ZNC KB2S SM0NUE US5CB WA6KHK	1259 AA2DT DF3FJ G3HSR JR3VMJ OE7FMJ OK1MBW SP3FYX UZ1WW WW8RT	1252 9A6T AA9D AB9KZ K0KO K2RNY K5DNL LU5FCI MU0GSY SM4BNZ
1280 JA3MNP JR2BYJ W7GA WA7HQD	1272 EA5GX1 HB9DRS JE4WOK K4FDP KB3LIX NA5NN SM5BFJ	1265 EA3HDZ IK1NLZ JH8NQV N2MEE OZ1BXG W5WI	1258 F4CPF HA5OLA JF7RJM K1TZQ KX7DX N4CQ W8PAT	1251 EA1WX HL4RBR S51AD UA2CZ VE3VV W8LIG XE2AU
1279 JA3BG JA4VUQ K4GN WA2ALY ZL1ANH ZS1EL	1271 DL7ACN ND6G NS4X W5GVP	1264 DL7AA HB9Q K8CR W2EJG WB0OQV WW1L	1257 4Z5FL EA8DIB IK2GOQ IK8TEM JA7DOT JH3LCU JR4CZM N0ACH S51DV VK3OT	1250 AA6XV JA0HWF JA1TGO KB8U R4FAN SM3CZS W4TE W5SJ
1278 JA7KQC K6LD N1EK PA7MM W9OSI WX0Z	1270 DL2AMD I0YR JA6JYM K9KEU R3QJ WM9Q ZP6CW	1263 HB9FAN K4RW OE7SEL R6MO W0GN W7XZ YO2BS	1256 JE1CPB K4MIL M0HIH VE3PJ	1249 CT1HHP EW7DK HK3CQ JA4CSJ JR0QFA KK6T RZ1OK
1277 K7EV N3AE N3ER W6DVS W9DX	1269 JA1FVS JA9IWR RN0C SQ5NRY		1255 AB2DP	

1248 IW5EIJ K7MY NZ0T SV3RKM	W9XQ* WA8Y	KD0S N9NM VA7DXX W9GM YO3IPR	OH1XFE UR7CQ	OH2TA WA1HEW WT1L ZL3NB
1247 AA0FT JP1EWY KC9K N6ORB UA6XT W3TI	1241 EA3NG JF3DRI JH4CPC JL3JTD K1JX VE7VZ	1233 DL4HRM JA3IWB JH0LME JR3MTO SA3CAT	1227 I1PLX JA9EEH NZ0O WA0BZA	1219 CU3HN K8YE WA4TMJ
1246 DJ9BX I2XIP K1XE KN9N KS4V N0VD N9OF W1ECS	1240 JA2CPD K2FL* K4KL KX6C M3DFW	1232 CT1DSV EA7LS JJ1DJW N5HC N8NH NM1G SM6CGI WB6AXD YB0AZ	1226 CE3BT DL3BUE HA5FA HB9DLE JA1IFD JA7QQQ K1PT N7UJJ PJ4LS	1218 AD6DK K4VZ
1245 9J2BS AB6BT JA2JID K2SZ KK9M KQ5U N7RP VA3NXM W0CK W4ARK W5MF	1239 CE3CT DL5MM JA1PBV N9EAJ W4MPY	1231 JA1PLT K4AV W2FKF	1225 DL6WT JK2VOC WY4I	1217 VK7ZE W0VD W2OL YB0EIN
1244 A65BD AA5B NI4Y NN7X	1238 4X1VF DL7BO LZ1XL VR2PX W6PG WC4V	1230 DJ4DN JA1QOQ JA4OPW K0ZR KX9X N9QQK SP7MOC W2IZN WA2C	1224 AB4FH HK4EI JH4ADF K1WNT NX4D OK1UU	1216 DF2QC HI3R IK2GAJ W0IZ WF4B
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	1235 EW7A JI2EMF KD5R W6IZT		1221 JA1QVR JA3AOP KF8HR PR7AB	1213 JH4GNE JH8JWF K6VVA N9FH NK7Z S57TA W4NK W5MO
	1234 K4LRX K6RR		1220 G0THF HA3OU	1212 AA2IL DJ0AH UU2JQ W0MAN

W1UU	JA0GZZ	1198	OZ9GA	VE3VGI
1211	JH2NWP	AB5GU	W0SA	W7LEA
I4FTU	JR4PMX	AH2O	1190	W9FXA
IZ3KNK	PP7LL	DM2HK	DD1JN	WA9MAG
K3XC	SP6MAA	J11DMH	HL2FDW	WF4W
KI9A	WA9DU	J11FXS	IV3BBR	YO9FLD
W7JET	ZS6RJ	KA5VFU	KJ5Y	1182
WX0Y	1203	1197	W1BYH	JH1BNC
1210	JF7DZA	DS4DBF	1189	KI5T
G0FWX	KA7CVJ	HB9ACC	AA9AA	N4ST
JL4BSE	ON4AGX	K4GM	F4GTB	N5KUC
K5VR	SP1NEN	K4OP	G4YCS	W4HY
LA1CO	W5RZ	N7KDT	IT9IPQ	1181
WG9L	1202	NW6V	N2ZA	K0XM
1209	EI5GM	RU0A	1188	K4RMM
CT1IW	IW4EII	1196	IQ2VA	K9BQL
DF7GG	JA3PRM	DL1ECG	JG6CDH	N9IXD
EA5BD	JE7LHT	EW3CW	N3HYB	SM0EUI
EW4C	K2RSK	JA6WIF	SP3UY	W5XU
K4EQ	N8WD	JE2RBK	W1DAR	1180
N6MA	WP4CQ	SQ8J	YT7T	G8APB
OK2FB	1201	W3ATV	1187	IK6DEN
1208	CT3EE*	W4EJG	G3EKJ	K2SG
K3PH	HL5YI	WA8IQF	W9PDS	KD9ZR
KB4KBS	IS0/YO3RA	1195	1186	N5WNG
KJ9B	JR6PGB	JJ2PIK	CT1EPJ	WO3Z
N3ZP	PW7T	K5DB	K6DJ	1179
1207	W4GH	LA8PDA	TF3VS	EA2RY
DJ3CQ	W6CN	NN5E	1185	IU4CHE
JA4KDT	W7RN	UN8GA	AB1QB	JR6LDE
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KF5WCP	WW0E	1194	N5YY	K8ESQ
NM9P	1200	N6VI	N6KJ	K9JDP
NS4F	DD0VU	R2ARR	1184	UA3NFI
WB8EKG	EA1NK	1193	DL6ZBN	UA6FZ
1206	JA7FVA	EA5FCW	HA8FW	VK6OZ
K7SO	JF1KML	K3TRM	JA7MNF	W4GHW
W4UR	JH2VVH	R5AA	JH8BOE	WX2CX
W5SV	JH6RTO	WB3AVD	K4JGR	1178
WA8LRW	ND0C	1192	K7YZO	4F3BZ
1205	W7YED	DJ0IF	LU2DX	AA9WO
JA8IUB	YB4CHP	IW1CAB	NR0P	AC6T
K8YAH*	1199	JF1CPH	1183	IK0CNA
KC2THY	JA0TEA	LU5OM	AA8KY	KT5V
1204	JE7ETY	NC6K	IS0EBO	1177
G3CWW	KF3N	1191	K2RKJ	IK2LOL
IK5BOH/2	N2ZL	DL8OK	K4RP	IK8PGE
IK8OZV	N3RR	KS4XQ	K7MO	JH1EIG
JA0BES	NV2ZL	LA9VBA	N8WXQ	K11B
	N3RR	LU9DO		W1HS
	SV2DSJ			W3DIY
	W1DXH			
	WE2K			
	ZS6C*			

WO5D	K3SW	1162	KM8V	N4UP
1176	LZ1CY	DL9GOA	PH7A	N4WMB
AD0TR	PA2R	F4DSE	SP6DVP	RM4C
CT1DIZ	VE3XO*	YO9GJY		WX3P
IK2WSO	WN0L		1155	1149
IW0AGX	1169	1161	J11SVY	KP4JRS
IZ3XEF	7N4OBV	AA4OC	K6ASK	N8AID
JA4DEY	ES4AW	K6ME	K7JY	WB4M
JA9LSZ	K2FJ	K6VV	N2CJ	
NA6O	VE3XB	N8DC	NY1V	1148
OZ1DSD	1168	UN2G	SP7ASZ	OM2AGN
VE7ON	IK4RQJ	W7BJN	W2PP	WB4KTC
W9LQI	JH1CTV	1160	W4RS	
1175	NE1RD	DM1DK	1154	1147
CU7AJ	NT5O	F6FFR	I0KRP	EA8TK
DL7XU	1167	N3PS	JN3ONX	IZ1JIZ
JH8LLE	9A4BL	NZ3M	K2OO	JE3FOR
K9BO	F5VML	1159	K5CKS	JG1WNO
LA1J	I1FBJ	K5SES	NC1M	K0UBR
LB7Q	JA0KJD	KB9S	WB9WHQ	K5WQG
N1RP	K1RM	NT6AA	1153	NT9F
N8QGC	K4CSB	RA3LAL	EA1WH	UX7VA
NO0B	KC4PX	S51DD	F5MZE	1146
W6NK	KL7RA	WA0GUD*	IT9YOZ	DF3VG
WN7S	NA4CW	1158	IZ0LNP	JQ1PCX
1174	NF7D	DD9WG	JR7COH	NG3J
IK6CAC	1166	JA2AXB	KD8FO	ON7LX
JA2AYH	DJ6TK	JA3AAW	N1FOJ	R0SR
K6AWR	F8EZE	JA3VUI	N4TZ	W8AAX*
W4SKW	K4IU	JH1BUO	VA3YP	WA7AVL
WE9A	ND4DX	JJ1IRS	VE2NGH	1145
1173	W5CWQ	K1YT	W8YV	JA5BZL
DJ3GW	1165	N2WM	1152	K4HEB
DJ3XD	EA4S	W6IS	AG5CN	K5MO
JA6CM	JR1LZK	WA7YAZ	IK0FUR	K9QA
JF1KIG	JT1CS	1157	KP4P	YU1JF
NN1SS	PA5CW	DH5JG	N6FS	1144
VU2DED	WA3WNT	DK1AX	VK4BUI	EA5DKU
1172	1164	F5VMN	WA8NLX	F6IMB
JA4BUA	JR1FHP	IZ4ORF	WM5H	JA2PTQ
W1FZ	K4SAF	JA5CDL	1151	JA3RAZ
1171	OZ9U	JA7GDU	DK7VW*	JE2FJI
6K5AQY	WA3PTF	K6OJ	JF2QNM	JE7BUH
DG5DBT	1163	K6SY	JH1AWJ	JR1KAG
JA1DIO	JA3EUB	N7NW	K1WY	N4GBK
JA6ATL	N7FF	WD1M	KC2LSD	NA7RH
KA3S	NI8Z	WU2G	N5CR	W8GU
W4ASE	RU3U	ZL3REX	1150	1143
1170	W9FF	1156	AF6PK	EA5BZS
K3CWF	YO4NA	IK5IFH	DS4NPL	ER1LW
		K1VSJ	JH8CXW	F8AMV
		K3WJV	K5NV	K2GLS

N6TR	VR2IL	UA3LIU	1121	WO6T
R8IA		W7AM	IK0XKP	
UA9AEU	1135		K9DY	1114
W6MYN	EA7LL	1128	YO9FFX	KA4H
WF8R	HI8CJ	AK4AO		KE1IU
	N2WN	DS5JMG	1120	KK4BZ
1142	RN7G	EA1T	JH1LZU	W9AP
JH1HGI	VA2MM	K7KJ	KC9WPS	
OH2DW	WA3YZD	KB8DID	N3YZ	1113
WA5YOM		WA9JOQ	PY2CP	DK4MX
	1134		W1RZF	DU1KT
1141	IK0UUM	1127		HA5KFV
JA1SHC	OH2BC	JA0AVS	1119	JF2ERJ
KZ1X	PY2AB		AB4H	JM1CMA
OM3CND	VE3KKB	1126	HC1HC	LU1HLH
	W7VV	AD4EB	JR7HAN	R9HBF
1140	W9HZ	W5HY	OH8JK	UA4CX
DJ4JZ			SP6BXZ	W4PJW
DJ9FK	1133	1125	WN1M	W5TUF
DL1DH	AD4RE	7N2JZT		WF7B
JA1AKL	JR1EYB	F6BLP	1118	
JH8FIH	SV3EXP	F8GB	AL7LO	1112
K1BG	VU2MSA	JP1GVC	DL1MAJ	DL6DH
N9RE	WA4AFE	K3RWN	G3YFE	JL7BRH
NW8U		KA5M	JA1CC	JM7TKK
WQ5C	1132	KK8X	JR0GXA	KN4FO
	JH1GNU	N2IC	K9AAN	NW7US
1139	K8ZR	N3GS	N4VAN	W5SG
AI4QQ	UA9JLL	PT2ADM		
JE2VYM	WB2UFF	SK5PZ	1117	1111
JR0RBY			AA2WC	DD0VE
KC1ERO	1131	1124	AB9YC	IW7DOL
LA6ZFA	CT1ETE	EA8TZ	J11BJB	W4CZ
LB2EG	WX5L	K0MP	K0NV	
SP9PRO	YO5OEF	KD3UY	RX3X	1110
W5MJ		N1AAM		DL1CF
	1130	VE7NY	1116	JA4GCF
1138	EI5JL	W1ATV	DJ7AO	JA4ICR
AG5Z	G3YSX	W5FK	F5JGA	JR1SLU
EA1IO	KG2GL	W6AYC	IT9ABN	PT7NK
IW4CIL	KJ6MBW	W8WRP	IZ4COT	SV7CUD
K8POM	N6XG	WM1G	JA4OIJ	
LA4RT	W3XX		JA8ALB	1109
	W4CC	1123	JG2KKG	K3FT
1137	W8TOM	AC7ZG	K9KU	PA0VLY
K7VL		G4VWI	RJ6J	RT2O
KZ2R	1129	I1LGR	US3IZ	RW6MBC
NN5G	AK6I	JE2SOY		TA1PB
ON4CCN	BD4SX	PY2FZ	1115	
RA0LQ	DF2UH		EI4HH	1108
	DH8GV	1122	HC1HN	9A2GA
1136	HL4GHT	DD0ZN	IZ5BYJ	AC8L
CP6XE	JA2THS	E20YLM	JA4IXI	AD4XV
K8CC	JH2MYN	NR8Z	KG6WIK	AJ4IM
LZ1MDU	K5OO	SV1AOZ	KI6MQX	DL3NM
RN3A	N3OUC	UA4ARL	LA7MFA	K4ZMV
SP5ZCC	N5BA	YB9AY	NU1T	N1CC*

W3UTD	RN3TT SM6TKG	DM1HR E72AD IZ2CSX K2UT K4OTV K5YAA KA8YYZ PA1MVL SV4FFL	OH6OK VE3GYL	N7LAN N7RVD NB2P PU2POP SM3DTR VU2NXM
1107 DK2GP EA1AA JF3AHI K0JJR K1KU* K6IRA K6JJ KE3ZT N4KEB N7GVV VE7ACN	1102 DS4CNB F8DZY K1GND K3NW N3PV OK4YL ON6ZV PA5O VK4OQ	1097 AD6KQ AF8C AG8L JE3CYW K0YY K5TDA N1HO N9EN R3LO	1092 G0UII KD2OV KS4Q N4WD ON4VT WJ1B	1086 ER2RM JA8DRK JG1EIQ LZ2TWY OH5XB W4JDS W7WRJ
1106 G3PMR I2DJX K0KM K2UF K7IA K8RCT RT0Q W0QD W2OSR	1101 9A2WJ* AB5RM HB9JNM IT9RDG IZ3DBA IZ6ELF JH1URT LU7HN N2SU W1XK ZS6NK	1096 AD9DX JA0HXV K4CA NZ7Q RG7G WW5L XE1RCS	1091 EA5ZR F5VHJ G3XVF JA4XHF JH6JMN K4YL KR4DA W1MI W3MRL	1085 AI7W JN1RFY LA2LI NN8L VE9VIC W4OWY YB1TQL
1105 AA5H DJ3AK IK7MXB IV3NVB IW7DHC K8TS KS4WA LB8CA UN7ED VR2ZXP W4NF W9VA WB5TOI W07V WX8C	1100 DL7LX EI9E ES2IPA I0ZUT IK0PCJ IK6CGO IK8IPL IV3IYH IZ5GST K2HJB K4IJQ K7PTC KH6DX W4BH WA5YNB XE3E	1095 A35RK I4UUL IZ2USP K3UW TA2AD W9KX	1090 CT3FN EA1K EI6JK K3IXD K4WJ UN6TA WA7HR	1084 AA4QE AB7RW AD5MD KB4FB KJ7WY WA9IVU
1104 K7MH N7EO OZ6TL W0ZX W9BB	1099 IZ7GIT JH0IEW KB0V KK4ODQ N0RQ YO4PX	1094 8P6ET GM0NAI IZ0HTW KB4EE LU1FM N5RP W0CO W0YBS WB2AA YO8OY	1089 JA8AWR N9AI UR6QA W3MS	1083 DL1ASA HG6IA K0TI K5VG UX7IN W4DFU
1103 AK1P DJ5KL IK5XLB JA8NSF NC4RY RD8X	1098 AC8TO CT1EGW DJ3EJ	1093 DK1MM DK3HV EI5KO EI6AL I0BJV JN4FNZ	1088 AA2VG AA5VU* EA7OH G0HSA JA1DJO K4AVU K9UWY KS4L MM1PTT PF1MO	1082 4Z4OQ JE2DJC KD8MQY N4QK TF2LL UA4HDB W6MVV WB8YJF
			1087 5P5Q HB9HHH JA3DBD K4ODL KI4YY KO6LU N3NO	1081 K0FG MM0BQI SM5CCT W7JWM

1080 EI9CN JK3NSD KG7CW N6JM NR2D W5IO W7PC	NN4DF NT9E PA5KT YB2IQ	UA9UX W4GV W4HPW YU1NR	K7GA VE6PL WN9Q	OL1HQ W5MT W6PH
1079 AD7KG CP6UA IC8TEM IK6IH IZ8EYN JA2QPY KV2S LU7DW W0BM W0RI*	1074 JE0EHE N7PIB W1WN WA4VJK WB6RAB	1068 BW2/JP1RIW CP4BT KB8NTY N5DI UA0LDW	1062 I8DPP JH3MHI W1JFK W1USN W1WEF W4KCM W8ZR	1056 JA3EGE JO4JDU K0GK KC4LZN KJ4FZ N0PFE N1DC N5JC W2NWX ZS4JAN
1078 DL4KUG EI4DQ JH8DBJ SM7CZL	1073 EA6BB G3VSQ JF3GFH JM1GAW K2TA LA3SG NE3K RA6WF SP8MVC W1DDD	1067 JA7EU JI1DCW K9WZB KN8F KS0T LU4DXU OZ7BQ SM5AFU VO1NA W0JW W1TYQ W4MBD	1061 F8DQL G0MMI JH0NBN KA4LBD LA9SN NF4J NZ5F W0UY W4AEJ	1055 I8NLC UU5WW WB4OMM WD4NGB WW1WW
1077 EA4TX JA2HOL JF1CZQ K4BBH K5MMH N6ER W4WNT W7IMU	1072 DL3NCR IZ4IRO IZ8BRI JA5ALE KF8N* LZ1JZ RV3DB W5PD ZS2ACP	1066 DH5MM IK1DFH IT9RWB K0HB K1TO OK1DO ON6LY W3ZQI WQ5T	1060 EI9HX G4GEE JH0AKV N5UM W5IP W9IM	1054 JA0CRG KB3KJ N4NM SM2LKW SQ6SZ* TA3J ZL1AIX*
1076 AG4TO HA2ESM K0OB KB5CSQ OZ3ABU W1ZZ W2CQ XE1AE	1071 F4BDG LA2RZ M0VCB ND9M NK9O VK3MB W4DWS	1065 CT7AUK EA4BHK K4PKM K8YFM N4DJT N4UW N5RN W4MOT	1059 DL0UM K5AX KI0G LA1FH SV1PIZ YL2CB	1053 EI5GSB K4VAC K6OHM V47JA
1075 AC4CA DL5SDB IK5QPS JA5XWB JJ2SEE K0AFN K1TN K8FB N7NF	1070 I4KYO JA7GZM JO1ABS N3PPH NJ9C	1064 DS5WQT ES2BL JA1DHY N8TFD WB4PWZ	1058 9A5MI DU1IVT JA2BL JK1DDG K0WK K0XX K8TE KE9UA LA4JGA N6JOJ W6QO WM4D	1052 IC8XIL IK2QPO K9WMS W3PT W3ZL* YB2BOB
	1069 JG8NKJ KB8KIM KD3TB N0HJZ SM3OMO	1063 IK6IJF JF7PHE	1057 KO6UW N6TV	1051 G3VXJ K9JJR K9NS KB0FHP LA7NO N2RD TF1A
				1050 DL6GBM

DO4DXA	KK4MA	N1UZ	JE1TNL	1028
HB9FUX	NC7B	NC8I	KA9JCP	DJ2TG
J11SAI	OG1R	UT4ZX	KR0I	IK1RKN
JR2BNF	VE3GFN		RI1FJ	K5WE
K0MB		1039	W6VIO	K6GCN
KB7QFE	1044	9A3QO	WA9IVH	N9JF
KX2B	DL1TPY	AC0W		SP6FXY
NJ4V	HA8UT	CT7ABD	1034	W4SW
NJ7G	JH3LIB	K9IO	JA1JYS	WA6APQ
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	K4ZW	NF8J	K9AAA	ZS6X
1049	KB3MXK	NQ4A	KC2ATK	
K5UN	M0AQM	PT2BW	LZ1PM	1027
KB1W	UA3EAY	WB8TGY		4K9W
N3COB	WD5IYT		1033	AK0MR
W3EP		1038	EI2II	DJ9HQ
WV1X	1043	AE4AN	JA1VDJ	IK3XJP
YO8WW	DF1TJ	IU2ANW	K4FW	KG4VPC
	G4WGE	KT1V	K5JF*	W5XG
1048	HL1XP	M0MCV	KK5J	
EI8IQ	JA1HQQ	R3QF	KU4A	1026
F6FNA	JH4Eiy	VE2OWL	M0RTP	DS2GOO
IW1PUR	K1GW	VE3EDY		JA3UOQ
IZ1POF	K1XH	VU2SWS	1032	JA5OP
KH6CQH/W7	N6ZM	YE1AR	9A1A	JA8BZL
SM7GXR	SK6QA		G4DYA	JF3VEC
VA1SEA	SV1IZY	1037	IZ2MHT	K3DQB
WB0RUR		AC6ZM	JF3LGC	N3DV
	1042	IK5SRF	LA8ZAA	UX4UM
1047	AB4ZT	JA1MOH	N2BSA	VE2WY
DM2DXG	AG2J	JA7JAA		W2WGG
K0GVT	JF2UEE	JG3KMT	1031	W6WRT
K2IE	K1ETA	JH6IMI	4O7CC	
K3ZK	K1QN	N4CO	K1JE	1025
KF6E	K4NTO	SP5AMN	K8WVA	AC1O
LA2RR	KB8ZUN	W4GHD	N2MFT	DS5BRE
M0PCB	PA2TMS	W4GKR	NX7K	G0KRL
N4LSJ	S52R	W5QZ	OZ1NF	RL8C
N6IBP	W2KNG	YU1LD		RV6ARZ
OH2ECG	W7BC		1030	YB9WZJ
V31MD	1041	1036	AC9A	YV6BTF
W4ZV	A92BE	DL2UR	AK9B	
	JG2NLN	IZ2IPF	JA6COW	1024
1046	JM3XZC	JA9RBZ	LA6VQ	AE4WG
DL2MWB	K7RAN	JP1LVI	SV1DVX	CT2GZE
K1EDG	N7WR	K2QE	W1LE	DK6WL
KU4GC	W5HD	NN5O		IZ0GVZ
N8JK		UN5GM	1029	IZ8DDP
R6AZ	1040	UY0MM	CQ0ODX	JA2KQE
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W4ALF	AA0BH	WF7T	DL7UCX	JP1QDH
WB9MSM	AE4VJ		IK7XNA	K6PBF
	DF5DH	1035	IZ6IOC	N4GOA
1045	K3MI*	EA7DAP	KH2X	N6DW
AB4EJ	K4LCP	IV3DXW	W2GHD	N9GKE
HR5/F2JD	KE5MMT	JA6NEJ	W6HB	W3OP
JA1JQM		JA8DIV	ZL2LW	

1023 4X1EL AC2RL F6FFA IU4AZC JA1MZM KI6PG N7YQ RA3T WI9WI	1018 IW2CAM JL1JVT K4HR K9AQ OZ4RT R3LC VR2CO W4LLP	KA5IAU PY2YW R7KW VR2CC	WM5DX	K5FO K9UO KR9A N3EEN NJ6K PA3AIN UA9AM UT9LC W6DOE
1022 EW3MM G4CWD IOLTX JR2HRR K4BYN KF1P OH2BUA W6OZI	1017 IZ0COI JA1GLE JA3ALY JA3KKE KI0HA KY6AA RA3AOS VA7QI WW1XX	1012 DL4DW JA1UXV JH1KIM JL3RNZ K7LAY K8UHL P40P RA3AA RD3BZ UU1JA VU2OT	1008 IK2CMN JA2CKK K4SBZ LB8OH OH1HAQ RA9SAS SM0DGW W3LJ W6LJS W9COS WB5KSD WX2K XE1V	1004 AJ4HW CX9AU JG1AID JQ2NBX K0FD K4LD K6EI K7UW K8JRM K9IJ K9MRD LU7HF N2JT NG4C OH3DP S53BB VU2AE W4KVS W5EW W9KM WA3KVN
1021 DL1DCT DL1SWN DL7VSN F5TJC K4VX KC0V N7WI NA9L NO2C OH6JKW W0ZA W2YWC YB2BNN	1016 DS4AKP EW4DX F4GDI HB9DPO JS6SCC K2KQ K9RZ VK2DAG W2PSU	1011 DL2RPN K3OK KY4G N3GTG N5XUS W0OVM	1007 7Z1CQ IK2RLS K1UM K2TTM K4RWP K5XM K7PT KA2F KR7RK N3JON N8YQX RN4AM WA0GOZ WF5W	
1020 JH3FCF K2WR KB1YNT S53X VE2ACP W2PD WA8JBG WB9B WB9TFH	1015 JA2HIJ JA2QCX K4NI N6TW W7CB	1010 CT1CQK EA9AM HZ1GW IW8CGX JA6CMQ JK3NQV K1QQ K4EZY K7UPJ N2BEG W4ATL W8WV W9LN WI0E	1006 DJ9KV G3YBY IZ0FYW JA7LMU JK1OTP K5AR KB5WWW KF5BA KI2D N5KDV NH6Y PV8RR RW4NJ W3GP W5AAJ	1003 AF4Z DF5BX DJ3ZF E29TGW EU1TT IK1RLI JA6FEG LA4HC NK2H OK2MDC RA0AM RU3OW RW5CW SP6QM W9GFB WA8COB
1019 DK6BT G3AKU HB9HFM JA2SEQ JH8UGL JJ0PJD KB1AWM LZ1QN NC7M	1014 DK6CQ EA9LZ K1LEC KG5EG KM4VI N2YF NW8F PT2CSM SV1JSN UT3KW W2LPL	1009 9M8DEN IZ7QSS JE4MHL JE4RAL JL1KBS K4DXA KB7AK N1XL R3TKM W0QL W1RH W7GSV W7KKC WD9FLI	1005 AC0DQ DJ3CJ DL8XDA GI4SJQ JA1FVE JN3XEZ	1002 AD8RL DL1ZBO HB9FBA HB9FKK I0ZYA

IN3FCK
JS1MRA
KX7L
N4WOT
N4XC
N6RVI
N8KOJ
OH5KW
OH8NW
SV3AGT
VE8EV
W2FS
W2ZQ
W6JH
WC2L
WX4B
YB1MIG

1001

DB2WD
DH2ID
DL9SAD
HS8HEX
IX1CLD
JA1ASO
JA5RVN
JH3EQP
JJ2NWI
K0HD
K6DLB
K6VVK
KB7AZ
LA8IB
N3AS
N3DD
N9ATD
OH1TSM
UA4HAD
VE3FK
W2/F2YS
W2HDI
WM6Q
YL2CP

1000

AA5TA
AE4S
AI1W
DL1DV
DL2DCX
EA3HPX
EA4EQD
GM7NZI
HB9CAT
HI3I
IK6TOT
IW2BZY

JA0RWF
JA1WIO
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JE1COB
JE3MDQ
JF3KOA
JG1EBU
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RA5C
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