

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

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

3304 EA8AK	3216 OH3SR	3192 W3UR	3171 IK1GPG	3150 PY2XB SP3E SP3EPK
3294 HA0DU	3214 IK4WMA	3191 W1NG	3169 OH1XX	3149 HB9BGV OG2M SV8CS
3264 LZ2DF	3213 PE5T	3188 YU1FW	3167 SM6CVX	3148 JA3FYC
3256 CT1EEB	3210 KJ9I	3187 K5UR	3166 JA5EXW	3145 UR0MC
3255 SP5EWY	3207 N1DG	3185 W1JR	3164 N3XX	3144 K4CIA
3250 JA1BK	3204 N4WW W4DR	3182 W9ZR	3163 NN4T SM0AJU	3142 DL7VEE OE3GCU
3246 DF3CB	3203 G4BWP	3181 I4EWH	3162 JH4UYB	3141 K2TQC
3244 4X4DK UT7QF	3202 DJ6RX	3180 K5RK	3161 CT1EKY JA4LKB	3140 GM3YTS
3235 S50A	3201 IK4MGP K8MFO	3179 IK4DRY OE6IMD	3158 DL4MCF	3139 I2AOX
3223 OZ1LO	3200 I4AVG	3178 CT1APE JA4DND JH4IFF	3157 9A2AA	3138 OH1ND OZ1BTE
3222 DJ9KG	3197 EA6SX UX0UN	3177 UT5UGR W3LPL	3156 9A7V	3136 N4CC
3221 JR2KDN K4PI	3195 GM3POI	3174 SM3GSK WB9Z	3154 PA3FQA S58T	3134 IK4GME
3220 OH2BU	3193 F6BKI G0JHC		3152 G3KMA JA5AUC	

3132 JR3IIR	W4DXX	3087 ON4AOI YO5BRZ	3062 K4MQG	3043 DK5WL JA5MHD N6AR
3131 DF3GY I5NPH WD5COV	3111 OH1MA SM5CEU SP2FAX	3085 DK5PR IK4CIE	3061 G0DQS UX1UA	3042 EI7BA F5II JA1UQP
3130 VE3EJ	3109 SM3NRY	3082 KD5M	3060 G3ZSS	
3129 EY8MM N0TB SV1FJA UT3UA	3106 ON4IQ	3081 9A2EU HB9BIN KF2O VK4MA	3058 OE1WEU	3041 HA8IE OH5KW US5WE W5OZI
3127 IZ0AEG JE6KYA SM3EVR	3105 EA5BM GM0GAV IZ1ANU	3080 9A1CCY	3056 N8RR	
3125 IK8HJC JF2MBF	3103 F6AOJ G3XTT	3078 N3SL OE2VEL	3055 JH2FXK SM5KNV W2YC	3040 DJ2YA
3124 EA3A JQ3DUE	3102 S59Z	3077 DF4PL	3054 JA1HGY K9CT	3039 HB9AMO WK3N
3121 SM6CMU	3101 AA7A	3076 N4BAA W5ZN	3053 JR6EZE	3038 DL1AMQ W4PK
3120 JA4LXY W3YX	3100 JH1GZE SP7VC	3075 K4DY SP6CIK	3051 OE6MDF	3037 F6EXV JA2WYN
3119 NJ6P OK3GU	3099 AA1V LY2IJ	3073 SP5CJQ	3050 K1CP VE1YX	3036 JG1ULJ W9RPM
3118 G4CCZ IK5HHA N8DX VA3DX	3097 JG3QZN SP9DWT	3071 SL0ZG	3049 N4RJ OH1LEU	3034 I4LCK K2FF
3117 I0WDX N2QT PA0WRS	3095 JA2VPO W0BV	3070 YO9HP	3047 G4PWA	3033 JA2FBY JA5AQC N2LT UB7K
3114 IK6DLK	3093 W7UT	3068 N0XA W8UVZ	3046 HA5WA K8PT SP1S UT7UJ	3032 SP8NR UY5ZZ
3113 JA2JPA	3092 SM5AQD	3067 IK6FWJ	3045 N5KD	3031 AA6YQ G3TXF JR3GWZ JR7VHZ N2TK
	3090 YO3APJ	3065 SV1RK	3044 K0KX N9IW S51DI	
	3088 K3UA	3064 K4XP NR1R		

3030 IK2YCW	3013 SM6DHF	G3SJX N3NT US4EX VE2TZT	2982 K5KC	2964 CT4NH DJ0MDR JA2IVK
3029 OH2BCK W4TO	3012 JF3KON K5XI N5DG	3000 5B4AGN DJ4AX F5UKW I5KKW JA7MSQ JH4ADV	2980 JJ2LPV N4XM	2963 JA1XEC
3028 AG9S SM6CCO T77C	3011 DJ8NK	K9EL OK6DJ SP3DV W4UM	2979 N2WK N6JV W3LL	2962 YV1DIG
3025 KW9A N4CH N7NR	3010 F5NBU G4OBK K8SIX	2978 N2NL	2977 K5ESW	2961 N5ZM
3024 DL5DSM F6BEE LA5IIA	3009 AA1QD R4GM	2999 F6DAY	2976 EA5RM	2960 DK2LO
3022 DL2OE OE5KE	3008 JA2JW RW2A S53R W3DF	2998 K4UTE	2975 JF1PUW K5EJ	2959 EA6VQ K4IQJ UA3AKO
3021 CT1IUA K4SO	3007 SP2GJV	2997 DJ5FI	2974 JA0EOK KA9CFD OZ3PZ	2958 JA1SYY
3020 JA0DAI KX4R SP5DIR W3CC	3006 SP3CFM UT7UW	2996 W4VQ	2973 JA0FSB WX4G	2957 K2UO UX1AA W3KX
3019 JA7QVI JJ3PRT N0AT UT9FJ	3005 AA4V IW1ARB W1YY	2995 UA4CC	2972 IK4DRR JH1IFS	2956 NO8D RZ3AM WP4U
3018 JA3EMU	3004 EA1DR IV3JVJ IV3ODE JH0INP	2994 K0IEA VE3XN	2971 UA6A	2955 JH2UVL W0VTT
3017 R7LV SP7GAQ	3003 9A5CY IZ1LBG OE2LCM PY2BW	2992 DL7MAE K1HTV	2969 K5EK	2954 N8PR SP8AJK
3014 EA6NB K5DU KY7M UA4HBW UT5JAJ	3002 JA0UUA JA6BZI UX0FF	2991 JA2JNA	2968 N4II	2953 K9RX
	3001 FK8CP	2989 JH1HGC	2967 W9IXX	2952 IK6SNR K5BG
		2988 DF2UU N4MM	2965 DK1FW K3FN K4SV W1GL	2951 JA9CHI K1ZZ
		2986 K4QL NI0G RA3CQ	2950 K4MWB	
		2984 MD0CCE		

2949 N7RT OK1MP*	2933 9A3SM	2919 DL1DUL K2UU K9NU LZ2JE	UA3TCJ W6UB	2888 K4HGX N8JV
2947 K1UO OH3BU	2932 EA1DFP K1ST		2905 PY5HOT WI8A	2887 JA6LCJ
2946 HB9BZA KV7K	2931 F2JD IK5MEN JA3PIS	2917 9A2NO IZ1BII	2904 PY5EW	2886 JO7WXN K6ND
2945 W1TSP W7AO	2930 IZ8FWN OH5VT	2916 AC4G EA3GP RU3FM	2903 RY9C	2884 AA1ON JE8BKW R7AA
2944 WA7NB	2929 AB3CV JF8QNF	2915 W8AV	2901 HK3W K4CN W0MHK	2883 EA7TV PY5EG SM5CZQ
2943 I8IGS JA2DPC	2928 DJ4PI IK5ACO IK6GPZ JA2FJP RA7A	2914 OM3DX RK4FD W2IRT	2900 9A2F EU7A JF4VZT W4DKS	2882 JA7JWF
2942 K0SR		2913 EA5BY N4HU OE8RT ON4CD SM6CNN	2897 OZ1CTK	2881 I1EIS N5TY*
2941 N4JF	2927 EA4KD OZ4O		2896 JA1ANR KG7H	2879 G3LZQ JA2NDQ JA5IU JH1RFR LA5HE SP6CZ
2940 JA0CRI JH1TWT	2926 DM5EE UA4CR	2912 K4HB NK1K W1CU	2894 JA1ADT RJ3AA	
2939 IZ8FFA	2925 HA5AGS N5AW S54E	2911 CT1ILT	2892 N4NX WB4OSS	2878 IV3YYK JA2ZL N4PQX RW0LT W1RM W9RN
2938 HB9RG K0EU OZ1AXG OZ8BZ UA3AB UR5WA W6XA	2923 N9US OE5NNN	2910 K3UL K4XO	2891 CT1FMX	
2937 JL1SAM RA3DX WB6RSE	2922 K1AR N8TR	2909 JA0GJJ	2890 JH1ECG K9YY OK1CF R5AJ RZ1OA W3NO	2877 SM3VAC
2936 AD5A	2921 I3BUI K9ZO W5XX	2908 HA1RW JE2LUN K8FL RW5C	2889 EA1N IK0MHR JR4OZR K3WC	2876 LA4GHA SM6CTQ
2935 R3OK YU3AA	2920 N4QS OH1TV	2907 DL1EJA		2873 LA7JO
		2906 EA3JL OH3JR		2872 JA8EAT JA9APS

K5MC K8ZTT RA4CC	YO7LCB	R7DX	2833 K0DEQ	2820 I4MKN JR7BDQ
2871 JA2BDR JA9LJS JI4POR	2859 HL3IUA JA1EOD K4ZYU	2845 R9FM WA4FFW	2832 DL4CF K5ZK N0AV	2819 N9AU* SV1AVD
2870 EA1YO ZS4TX	2858 SM6DHU	2844 JA1SJV K3WA UA4LY	2830 K9EU SP1MGM UA3AP	2818 I6FLD W6OAT
2869 JA2XYO JN7FAH LA7HJA SP6HEQ	2857 JA4FKX UA6MF	2843 JE1SYN W8GC	2829 DJ9HX N5OK W7DO	2817 JH1NYM RU6B S52F WA5VGI
2868 AB4IQ IZ5DKJ N8BM* W4FC	2856 JF2UPM NE1B W1ECT	2842 SM4EMO	2828 IK2QPR K5KLA OK2ZU	2816 IK5DNF K9US
2867 JA3RAR JH4JNG JL1UXH K1DG	2855 JI2KXK JR3OEH OE1ZL SP3IBS	2841 DF6PB JF1WPB	2827 9A2JK DF2RG IK0FVC	2815 9H1SP RL9F SV1DPI
2866 KN4F	2854 KG4W RV3LO	2840 DK2NG KC7V SV1CNS	2826 AA4HP ON4GG SM2OAN WA2VYA	2814 IW0HEX
2865 G0OIL K9NW UA3DPM	2852 NQ1K	2839 K2VV LA7AFA	2825 K5XX	2813 9A8A DL5WW
2864 A45XR OH2BLD	2851 F4BKV NY0V	2838 JR2LJO W1DIG W8OI	2824 AB6QM IK1WGX JA4MRL JE2URF RZ3DX W2SM	2812 9A4T K7ZV
2863 4Z5CX DJ5AV N4DB	2850 JR3VXR SP3CGK W1TC	2837 DL6ATM G4IRN VE1DX VE3FF W5TCX W9OP	2823 AI9L JR1XIS	2811 JE2LPC
2862 E72A K3WW R3AW	2849 IK7NXM JA2LCP RY7G	2836 HB9DDO	2821 IU7QBB JA9RRH JO1WKO N4AH SP6DNZ UA0ZC	2810 DK3DG HB9HFN N4DW WB9CIF
2860 IT9JNR SP9JZU UW5ZM	2848 N5UR VE3LYC	2835 EA6ET UA1OIZ	2809 DL6KR	2808 LB8DC
	2847 N2TU	2834 AA5AM JA8DNV R7NW SM3NXS VE3EXY	2807 DK6WA	

2806 G3SNN JA1DUH JS2LHI K1OA LA3MHA W9XY	2792 JH3CUL SM0CCM UT2UB	2777 DK5AD JE1FQV W0YG	2762 9A1HBC DJ9VA	2747 E72U KK2I KZ2I N6ET
2805 5B4MF F6HDH HA9PP	2791 JA2VQF	2776 JA6VQA K8GG	2761 I4KDJ JA4EPE JL1RUC K6KLY W1YM	2746 KP2A UY5AA
2804 VA5DX W9AJ	2790 4Z5MU W0UO	2775 9A2NA JA7KY	2760 NV9L UN5J	2745 W2LK
2803 EA3WD JA5XAE	2789 HB9DHK I1FQH IK4HLU VE3DZ	2774 JH3VNC	2759 IK4ADE ZS6EZ	2744 JR6FC RA3XDX
2802 HB9ALO IK0XBX KA9FOX MM0EAX UR5EDX	2788 F5PAC N5ORT	2773 HB0CC K3PA N5XZ	2758 PY2SP	2743 RD3K
2801 K7NN	2787 KN5O VE3BW W5XC W9MU	2772 IZ8VYU	2756 RV3FT UN7JX	2742 DL5ME K1BD KB0EO SP9ODY
2800 IK0FUX RU3QR	2784 K5AQ W7KNT WE9R	2771 K2CL PA3C RU3DX UA3AGW UR5MID W1FJ	2755 DL5AN K1GG PA3EWP SP6CES	2741 JA1KQX SV1BTK
2799 W2LO	2783 N5FG	2770 JF2XGF	2754 JA1SVP	2740 R5DT
2798 SP7HOV SV1JG	2782 SM6BZV	2768 HA1RB JA4PXC	2753 AB9V	2739 F6FXU IT9DSZ
2797 IK0PEA	2781 AJ6T DK0PM RN3QN UA3LAR	2767 K5RT	2752 CT1BOL SM4DDE	2738 EA7R HB9DDZ WX1S
2796 JS3CTQ	2780 CT1GFK N7US	2766 G0BNR HA7TM WA2WSX	2751 UA4HAU	2737 G4IYY JA3GN OH6RX UT7UV
2795 K6FG	2779 K0JGH NI6T W6SR	2764 AI0O JA4DLP JA9NLE K2RW	2750 JA9PPC K6XT N8DJX	2736 K4WA
2794 IK4PLW	2778 JA6CRP NN4X	2763 RA0FF	2749 PY7DJ	2735 JA4OK JR1BAS K8NVR W0DJC WT8C

2734 AJ9C W6YI	2722 NS4C W5ADD	2710 EA2IA W5AJ	2700 DJ9ZB JH4ALY JH7RXU N9LB RA9CMO WA2HZO	2686 KD6WW RM0F
2733 CU2DX K8AC KB8VAO	2721 AD1C DL9GFB K9MK W9XX	2709 HB9AUS R9TO W8TN		2684 G4OWT W5CIA WN6W
2732 JA5NLN SV2AEL UT8IO W7OM	2720 CT3MD ON4IZ US0KW UX3IW	2708 9A5X CT1BH K3RA K7PI OZ1ADL PY4OY UN6T	2699 IZ8XQC K8WK UT4MF YU1CC	2682 IK8YTA IZ3ENH
2731 DJ9ON	2719 F5CQ G4GIR N7RO		2698 K8GI RW3RN	2681 EA8JF
2730 JK1EXO K1NU SP9RCL	2718 JE1LFX N9FN OE6DK	2707 DM2DXA G0BLB G4WFFQ JH1HHC SP3FAR	2697 KJ3L	2679 EW2A JA3ENN JE1BMJ WX2S
2729 DK2JX G4PTJ JA2KVD K5UO WB4TDH	2717 AA5C JA5WIZ JF1UVJ	2706 J11LET S52DD	2696 JE3GRQ	2678 DF2IS JE3ENP K6AM
2728 JA9TWN JJ3HGJ	2716 DL7BA EI6FR UA9FAR W8HC W8HW	2705 EA3BS G5LP	2695 W5FKX	2677 IK4BHO JE2DZC N7KA NA5C W4BP
2727 JA3AZD SP2BMX		2704 JF7XKY K0JUH ZS1LS	2692 K3JGJ PE1L	2676 4Z4DX EC3A K9IR W2PK YB5QZ
2726 K5GKC LA5LJA RX4HZ	2714 JA6WJL JI8DGO JR7WFC K0KT NX7U RA3QK	2703 DL1YD K8EUR KA1R NM6V SP6M W0FLS	2691 CU2AP F5HNQ WE7K	2675 JH7XRG KE9ET
2725 DL6MRS EA8AKN JF0EHX R3VA	2713 HB9TKS JA8RJE OK2QA UA0CW W1MK	2702 AH7C WP4G	2690 JA1XCZ OE1AZS SP7ITB W1SKU	
2724 I7CSB JA3FGJ PY2YP		2701 HB9SLO K7BG OE3EVA R6AF SP3CJS	2689 W2KKZ W6VX	2674 JH1QAX
2723 SM5FUG	2712 JG0CQK JH3VWN WB3AVN		2688 JA0DIN JA0IXW	2673 IW0SAF W9NGA YS1RR
			2687 W3AP	2672 G3VKW OH2FT

2671 JE7JDL K1KD	W4QN	2644 LA3WAA N1IBM SM6CUK VE6WQ	IV3IZU JA7IC K9XD OE3SGU RX3AGD	AJ3K JA9FAI
2670 DL3ZA JA5FBZ R8TX YL2MU	2657 K9MM N3MN RA1QD	2642 OE5FIN W9BF	2630 JJ1DWT	2619 JA2ATE N6ED ND0N
2668 JA7MOL	2656 DL5CW K0JY NS6C	2641 K8TL OE1WHC W2YJ	2629 W4OX	2618 9K2OD DF2GH K7BV* W2QO WA0MHJ
2667 JR2UBS K0KVR	2655 HB9LCW JH8RZJ UA3TT	2640 DL6ZXG IV3RAV JA2AHH WA3C	2628 IT9ELD JA7LGE K2SHZ KF8UN PY2XU	2617 DF9KF JH0BQX K4JJW K4WS K5LJ S52OT
2665 N2BJ WA8WV	2654 DL4SZB SM6NOC W8DCH	2638 CX6VM JA2CXF RW3XZ SV3DCX W2JU	2627 G3WPH N7IR RW4C	2616 G3ZQH SV5DKL
2664 K4SE N4TL	2653 JA3APL	2637 UA0FZ UN7LZ	2626 WA1JMP	2615 IZ3GOG K6SIK KD0Q KG9N PA1CW SP5IWA
2663 I5ZGQ OE4PWW OE5RLM	2652 AF9H IZ0RVI K0BBC LA8PT SK3PY UT5EL W5LT WB0TEV	2636 EA5GPQ K1LPS K8VFF N1SV N8KOL NN4R	2625 G3SVD GM3PPE JH1BZJ WA9PIE	2614 DL1DA JA1WSX N8LJ
2662 JA1WSK JA9CHJ JE2OVG	2651 AA9A EA5KA JN1RQV	2634 EI2GLB I5HOR K1DT K4XD N1NK S57AC WC5N	2624 DF9ZW JA1IZZ JH1AGU KM1D LA7GIA	2613 KK9DX
2661 JE6TSP JG3IWL W9ILY	2649 AD5Q N5LZ	2623 N9RS	2622 K0TT RA3ZH RZ4FO W4FQT	2612 DL1DUO JG4AKL K4TT N5GH RL3FA
2660 AA8CH DJ4XA JA7MFL RW4NN SP3QDM W7CT	2647 K2EP KS1J WB8BPU	2633 CT1FCX K6GXO NU8Z W6XK	2621 JH6QFJ JK1KSB JM1FHL W4WM	2611 K2LS K5VIP KM4H OH9MDV W1KSZ WB5JID
2659 K8BCK KZ4V LA9AJA	2646 JN1GTG SM0NJ0	2631 9A1CAL	2620 AA5AU	
2658 DF3UB ON4ON UW2ZM	2645 W3JX W4TV			

2610 JA1VSL K1USA K6YUI NF9V	2598 JM1XCW K5WK N1RR	JA7MA JH4GJR	SP8FNA	UA6EX
2609 WD8JJA	2597 DL6CNG JA2TBS JA7BWT JI1DHY	2586 N8OC	2572 HB9CZR K4EM SK0TM WS9V	2562 PY2NQ W5VY WA3AFS
2608 E73Y JA2EPW VK3QI WO2T	2596 JA1IOA K8IU	2585 OM4EX	2571 DL5EBE N8PW	2561 EA1EAU G3KWK IK0AGU JA1NWD W1YIF W9OL
2607 KE8UN KU0A	2595 HB9CEX JA3APU NX0I W3GQ W7BEM	2584 K4ZO	2570 JA1CLW K6EID N5AO RA1QY W6PJ	2560 K1ZN K3JT KQ8M W0VX
2606 RN3OG	2594 IT9PKO JA1GRM	2582 CT1FPQ G3NDC JR4DSM	2569 F3SG NN4SS RD3AW RU6L	2559 JA9AGN
2605 9A4W IK5MDF JA4ITW PY2KP W8TWA	2593 DL3OH K1RO W6RW	2580 BA4RF DK2GZ	2568 KI0KB YO2RR	2558 DL9MRF JA1QOA SM6BGG W2XI WB9EEE
2604 DK9KX HL2WA JA1GHH W3OA	2592 JK1OPL	2579 I8JIT JA2FGL UA0SR W9FR	2567 JA3RQ PY5CC SV2BFN W3RJW	2557 DK3WW JA8EJO K0BJ S55DX
2603 K4XI W8KEN	2591 IK0HFO N4RWG	2578 DS1JFY SP9UPH W6NWS	2566 AA6AA JA2VMU JG3LGD NC9T	2556 DL1KUR IZ5JMZ PA5TT
2602 DL2KQ JA7JI KG8P	2590 9A4WY AA4R RW7M	2577 IK5BAF IZ8DFO JA5BEN N7XR VE3MWX WB8ZRL	2565 DL5XJ HK4SAN IK5RUN JA9NFO N4QQ	2555 CT3HF JA1WPX JR7FRW K8ROX OZ1HX SP6EQZ
2601 HA0UZ K7WP K7XB	2589 HB9CQK JQ6RUP JR1GJP K1LD RW0CF	2576 IK5PWQ JF6WTY XE1KK	2564 ER3DX I1JQJ JM1CYJ VE3CFK W5BPT	2554 IT9DAA JA9CWJ W3BW
2600 IT9XTP W7WM WX0V	2588 IK2OVC N2TN	2575 JK1GOK N3KK	2563 9K2HN	2553 W1YW
2599 CT1EAV	2587 DK8MCT EI9JF	2573 AA5AT JH3AIU		

2552 OE8HIK	KE4YD	2528 K3XA K9JF KB1EFS N4LR N9ISN W6ENZ W8RLS	2517 W1OX	NQ7R US3LR
2551 LA5YJ SP3SLA	2539 RA3S		2516 CT1CJJ YV5NWG	2508 HB9CXZ JF1KMC K7GEX K8FH OE8SPW OH6JD
2549 DL5CF IK8GYS PC3T SK7AX W6QUV	2538 JM2RUV SV1LK		2515 K2NV K3NK VA3LX W0LS WB8ZRV	
2548 EA1AF IW2FND OH2ZZ RC9F SP1JRF WA2BCK	2537 AD6W JA2XCR JF2WGN JH0INE UW8SM WO7R WW3S	2527 IZ4GWE JA1ALT JA6BJV KA8SYV	2514 AE5E G3TTJ R9OK R9SA SV3FUP	2507 HB9RYZ I0JBL RU6M W6BJH
2547 JA0DET K6EME YV5JBI	2536 K0RS	2526 IK2OHG JA1LSP N6VR W4CK		2506 DL1SMA JA2HYD JI4WAO K5FUV N6RW RA1AOB W5ODD W7Yaq WD5K
2546 KD0PO SP6TRX W7MO	2535 EA1CP KM4HI LA2PA WA6YEE	2525 I8SAT JG8FWH K2PK UA9FGR	2513 9A2X JA1FQI JE1PNX K9MBQ WT8V	
2545 EA3BT JR9OPJ UY5BC	2534 DL2CHN HL3GOB IV3GOW SM4AZQ	2524 JA1RTX JH1EEB OH1XT XE2CQ	2512 IK8EPC JA5SUD JR2PMT N6RV RV9CX UA0CA UT7UU	2505 DF2TT JH7IAJ K2TE K7EG LA2QM OH2OT W1VT
2544 IZ5EKV LA9VFA LU8EKC	2533 JA4DEN JH4HMG R9AB	2523 G8DX K2KA UN7TW	2511 EV1R JA0AOO KR4F W2GG W6TC	2504 EU1KY IK7XLU JH1QDB LU2NI
2543 K6FW K7ZA	2532 IZ2AMW	2522 IZ4AIK K1HT K6RO VK3HJ WO2N		2503 DJ3AA EA5CRC JH3GCN RN8W SP8HKT SV1QN SV2DGH W1ZT
2542 W7LR	2531 JA1ELY UA6YW		2510 DK5AI JR1DUP K7SP LY1G N3RC N4PY VK3GA	
2541 JF1KKV W3DRY W4VIC	2530 AA4SC K5WAF KD3CQ ON6AA W7AL	2520 K4MS N4HB RA4CA		2502 DS5USH G4IUF JA8JTH
2540 EI9FBB JN7DOS	2529 IW0HQE K8QM RA3WDK UA1OMS	2519 N4GN OH1NX RG5A RZ6BS	2509 DK1WB I2EOW JR1BLX	

JH1OAI K9SM KT8X RV1CC W5ZG	2494 K2FU W9XT	2476 DL6JZ	2460 JA8BNP W8LGJ	2447 JA4BXL
2501 EA3CJ G0EHO JA1TMG JH1OBS K8OM OH2IS W4WT W6JRY	2493 NW7E W1BR WS6X	2475 OZ2PBS WA1S	2459 K2AZ	2446 OH1ZK OK1DWC OZ1LCG W0AWL
2500 4Z1UF 5B4AHJ DL1HRN EA5BRE IK5CBE IT9CVO IZ7FLP IZ8IEV K2UR K5VWW K8RRT KI5BLU N1EN N4EFS N4QV N9BX RA3SS SQ1X VE3RA W3UA W7FN WA4LOX WD4LBR	2492 JA1FGB JA6TMU WQ3X	2474 PY2VA	2458 JA1ADN JF3LOP N0KV	2444 JA9GPG NA5DX
	2489 G3OAG JA1IXY N9RD	2473 DF3IS LB2TB	2457 IV3VBM N5KM	2443 G4DJX KS0DX
	2487 EA1RT	2472 DL1TRK SM5GMZ SP7TF SV1IW	2456 JG1WSC N5JB W8DX	2442 DL4CW
	2486 S52RZ W1AIM	2471 JA1HRQ	2455 K9NR N5MOA N6PF W1OPD	2441 W5IF W8MJ
	2485 SP6A ZL3JT	2469 G4BUE	2454 KA2D LA9VDA N2JJ W2OO	2440 EA5AT K5PS SM5CLE W5PF
	2483 K8BL LU3CQ N1LN	2468 DL8ZAW IK4AUY N6DX OZ8SW	2453 JA8KSF SV1GYG	2439 F3AT SP3PLD
	2482 JA7AUM WB2REM	2467 W0GJ	2452 F5LVL	2438 DL9TJ KQ4AV
	2481 IZ5RVG JA2AH JH1SJN JR6LLN VU2NKS	2466 CT3FT ON5UE S57AT SV9COL	2451 UA0BA	2437 ON4CAS W9OA
2499 W1LW	2480 LA0FA	2464 IK2VUC JA1VLK OH8LXT UN9L W6SZN	2450 IK0LNN JF1IRW	2436 W9OO
2498 K4JAF	2479 K3FRK LA3BO W4RFZ	2463 K6KO WD9DZV	2449 IK7EOT	2435 K9ZM N3CZ
2497 JA7LMZ RZ3FW S51U	2477 JJ1SKG SV1VS	2462 W6TMD	2448 9K2GR JA1GHR JA1JAT K3VAT K7GM WA6F	2434 CT1DKS HB9BUN JE8TGI N5KO N9CK SM5CZK W9DC

WA9CVK	2419 IK2EGL JA1FNO KF7PG	N6HC W2AY WA0RVK YO2CMI	K2TWI	K8YSE KQ3F W8UV
2431 JE8CLT N7BT			2396 HB9ICC JH1BNC KJ9C N7TY PA3CSR	2383 RK3QY
2430 A65BR AF4HX GM3YOR HB9FMN KJ6P KT1J W7ZJ WL7E	2418 KM3V W4MAY	2405 IV3KFB JH4ADK K6PJ NE9U OE2BZL OH4UI		2382 HB9BAT
2429 JH7BKN	2417 JA6BEE N6TA		2395 WB7B	2381 JL2JVX
	2416 IV3HYD OE6VIE RA3DNC SV1ACK	2404 JA4FHE K1CA K5KV KS3F PY2DS SV9AHZ	2394 JA0VSH K4TEA	2380 K1ESE ON4ATW W4UCK YB1UUN
2427 LX2A	2415 JR5JAQ WQ5W		2393 HA5VZ JR4LNG	2379 OH3NHF
2426 EA3GHZ K1KA N4GG	2414 I4ENO JI1NJC KG6I	2403 JG3SKK R0FA	2392 N2WB N6PSE PA7TWO W4HG	2378 F5IL
2425 DJ9RR HB9AZZ HL4CJG JA2FBC JE2HCJ ZS6WB	2413 CT1BWU K9FN KA8ZPE	2402 JK1TCV N9JV W8MET	2391 JE1DXC	2377 K1NTR ZS2DL
	2412 I5OYY WA0I	2401 DJ8ES HA7UW N2NS	2390 JA1TAA K4RG K9RS	2376 HB9AAQ IK0HBN NE3F
2424 HB9IQB W2OIB	2410 4X6ZK I0YQV IK4MSV IZ4DPV JA0EIY KJ0M	2400 IZ2FOS KM3T OH1JP W8WEJ	2389 JA1BPA	2375 ZL4TT
2423 DL2VPO KB1JZU W1EBI		2399 HP2AT N5UL	2388 G3VPW	2374 IU0HDC KA7T RN3RQ
2422 IZ4MJP	2409 HA5AO W7MEM	2398 AA3B AA7G DJ4GJ DL2FAG K2SX W2GW	2387 K9YC	2373 K7ZD W2LE
2421 AA8OY	2407 JH6PFY UR5FEO ZL1BYZ		2386 JF1RYU K4YMQ PA7RA W1EQ	2372 K0TPP
2420 CT1APN DF5AU DJ5JH JA7EPO VE6LB WD0DAN	2406 K1LT K1UU	2397 F5PBM IZ5BAM JA1DOF	2385 DL8LE LA8HGA W2NO	2371 GM0AXY K8UT XE2X
			2384 I2YDX K7HP	2370 DL2UH IK6QOP

N9UA OE2GEN	2356 JA3BXF K1KO N1GC N6QQ US0YA	2343 IZ8EDJ JA3EOP JA8DKJ W0TT	2333 HA0HW OH1NDA W0HBH	2323 4L1MA JH4BTI K0CS
2368 JP1IOF			2332 7K1PTT K6UM	2321 JA4ZA
2367 HB9DHG HS1NGR JA2CEJ	2355 9K2NO JA8FHM N6UK NA9RB SM3LGO	2342 IK8JVG SM7IUN SP9WZS	2331 AC0A IK6OIN K0QC K1IT KG9Z	2320 I8QJU W9BEA
2366 4Z5AV BA4DW DL9FCY K9FD*	2354 K0XB KD9HL	2341 SM2GCQ VE3EK		2319 K7MTR UA3ECJ W5FI
2365 EA3NP PY2MC W3FOX W9JA	2353 9K2GS	2340 DK7YY W0RX	2330 9A1AD IK2RPE K3TN	2318 KK1W S55SL W8CZN
2364 AA8LL IW1QN K8YC LU4FPZ	2351 WB8K	2339 JF2WXS JR3UIC N5ZC SM3DMP	2328 JL1XMN K1LI N2DPF W3IP WA1S XK	2317 K2XF
2363 EA6EE N8BJQ RA5BM VE3VHB	2350 DL3OI N7DC W9EWZ	2338 FG5FR JE1AEX JH1CHU K8AJS OK1FED SP6JIU	2327 AB5A HK1MW LB6KC N2LM S52TJ SM5ARL WF2S	2316 EA1JO JH1IED K0GY W5GZ
2362 IZ8DBJ JA7QFU JE2RDO NA5Q	2349 SV8CKM VE3YF	2337 JA2BQX JH1LPF K0GD VE3CRG W6RS W8JRK	2326 K4PB	2315 N5BO
2361 CT3KN	2348 DJ5JK DL8SCG K5KPE K7UA	2336 EW4M K0VXU K4XR W5GAI	2325 BH4QYX JA2IYJ JH8SLS K9GA WA4JQS	2314 AI2N JA6OXT K1ZZI VU2CPL WB8CQV
2360 N6MZ N8SNM	2347 IZ3ETU JF2ICB PY2IQ			2313 JA4HAW JA4VLK JA7BVH JA9GLW K5DHY
2359 F6ECI OZ1IKY W4DC YL2KF	2346 G3NKC JA9AA	2335 DF7EE DL5XAT JR8AMF	2324 IK1SOW JA2FSM JR9LKE N0RN N3UA PZ5RA VE6AX	2312 JA2KNW JA6CBG
2358 AA8R WF4U	2345 K7LJ SM4CTI WA2NPD	2334 HB9BYQ JA1SKE W0GG W2YE		2311 K8ME KE6FV PP1CZ R3ST

SM5CRV WC5M	2300 JA8NFV K0LUZ OE5BWN W7HPW W9HBH	2287 PA0ZH	LA4PM	W1OW W5ZPA
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2309 HB9BOI HB9BXE HL2IFR W6UC	2299 I5CRL	2284 HK3X JA1PTJ OE2KHM	2273 HI3T K0AZ K8BN N7NG	2262 HI8R OK1DH
2308 IK7FPV IT9RYJ JA7ZP K4CMS N4TJ ZL2IFB	2298 HL3DE JA3BSL JO4CFV	2283 JA4FM JJ1BMB	2272 EA3AKY KE1F N4XP N5DD	2261 F9XL IZ8EEL JR6IKD S51NM
2307 DL6UAA IK8VRH K8DV N0RB XE1MEX	2297 LB5WB W3YY	2282 AA5JF AB0X IZ8GGF	2271 K9RR W0SZ W8LRO WA3F	2260 G3UHU W5PJR W8IW
2306 BA4MY	2296 SV1FJP	2281 I1NVU	2270 EA3XP IZ8FDH JG1OGM KG2KJ N4JQQ UA4AZ	2259 UA6FJ UT3UZ W3RW
2305 JK1UNZ K8CW NE8P VU2PTT W7AH	2295 EW1BA K5JC	2280 JA3NHL K6YRA W8OP	2269 JH0GHZ W9FI	2258 DF2NS I0OSI K6DT W3MR
2304 JA8UIV OK5TK	2294 N6HY PY2RO RU3ZX	2279 KA1ERL LA6UL LA9GX W5SL	2268 K3SEW K9OW	2257 IK2SND JH4FEB K4NNX K8NKQ
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2301 JH0MXV JP1NWZ W5JAY	2291 JH1RGG SP3XR	2276 JA4FCV RU1AB RU3SD VE1JBC	2265 IK0DWN WS5W	2254 KE9L S57XX W9PZT
	2290 IV3XNF JA3FHL W7CA	2275 AA1AC	2264 K7TM N4MHQ UR3EO	2253 JH1DGQ W1YRC

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2252 OZ1LWT RN9N	2240 9A2TN K4MM K6SRZ WV4TN	2229 K2TK N4JT N8MR SM3CBR W5DNT ZL4AS	2219 DJ5EJ K4VIG KH2L N9SF NW4V	2208 DM5BB DS5ACV IK3SWB KI4DLS W9JJB WA1FCN
2251 N4TV W5ZO WA4CEM	2239 JA0DWY W4ABW	2228 JE1GWO JG5RVQ	2218 EU1U JH4CBM W6DR	2207 I5KG JJ1TKN SM5ENX
2250 DL1SP EA8BYR IZ2DLV JE2JMV JH1XUM OH5LLR	2238 JA1CMD K5FZ	2227 JJ2WOC	2217 W0HT	2206 4O3A K1EFI OE3HWC PA3ABH
2249 AB5C JH1VUO N2VW W2/CT1GIF WP4EJH	2237 F5BOY I5MPN K2EQ	2226 K7BTW VE7BV	2216 SV1HEP	2205 DL2HYH JA0UH JA8FFM JH1UBK
2248 JF0CSK	2236 AB0CT JA0PE K2FW N1EVK	2225 IW1FGY XE1RBV	2215 LA9FFA RA4FEA SM7CQY SV2BOH W9DX	2204 HA5PT K6ZZ
2247 K4HMB	2235 IK6BSN JH1IAQ K5JZ NF4A	2224 AB1OC CU3EQ KD6UO KL0S W3XY	2214 JA1DM* K4FJ OZ4VW RN1ON SM5SWA	2203 G0VXE IK2ANI JA0GCI JA1KPH W8GNM
2246 PY7RP W8UN	2234 JA2JRG KX2A	2223 K1NY SM3PZG	2213 JA0LFV JA8EOT K1YR N4QWF	2202 I5MXX JA8JO UA0FO UR8UQ WA8MCD
2245 FG8OJ VE1HQ	2233 SM7NDX	2222 IK8UHA IW0HOU JK3GHE SM7GIB UN3GX	2212 W2TB	2201 G3TQZ JH1ACA K6MI N6PE RM3DA RU0SN
2244 BA7IO VO1HP	2232 9M6YBG W8ZF	2221 HL3AMO JA2DXD K9OT	2211 E21EIC N4HID UX5UO W0YVA W8KL	
2243 JR3REX K8NK	2231 DL4DZL JF2VAX K3EA NT5V OM2DX R9SG W8IQ	2220 AB4SF EA3EQT EA9IE JH4DYP K9DR	2210 JA0EKI JR1NHD KT8Y NF1O	
2242 JA3KGF JE2UFF NY2NY	2230 JH3FUK K2SY			
2241 JR1WCT NA2M* NF1G				

2200 CT1AGS K0DD W2YR W9YE WE9V	W3ABT	2178 AA4FL K1GE	IK6HRB JA2KVB N6PM	JN1NBU N5PHT TA1CM
2199 WB8B	2189 AI6Z IK1ADH JA8CJY N4AL N8NN	2177 EA4EER N3EN NW6S	2166 LA2XPA W2RQ	2155 WA5LFD
2198 JA1OVD JA3LDH LA6OP W0QQ	2188 N4ZH RD3A	2176 DJ2SL DS3HWS K4ZIN W5DAW	2165 HL2KV I0MWI JJ1LBJ N4PJ N5ET S54A	2154 SP3V
2197 AC9EM SM5CBM	2187 IK4IYC JA3OOK JR1MLU RW4CY W8BBQ W8MHW WE1P	2175 JA4DHN W2CG WW2DX	2164 NY9H S55ZZ	2153 EA3GHQ JE2VLG JH0RVY JR7GBL K2BA OH2BF S50R W4JS
2196 JA2VHO W2FV	2186 ZS2EZ	2174 K5TT N7WS W2OR	2163 UA1AIR	2152 UA3O W6IGK
2195 DF2NU EW1KP IK8BQE JA0CGJ JK1AJX K2CBI LY3W W1SSN W6AEA W8KA	2185 JA8ZO PY1KN YO3CD	2173 G0DBE K2AU LU5FF OE2SCM	2162 RZ0AF S59ZZ W7AV YL2TW	2151 N7IP SP1MWK
2194 CT1DOF K5PI N2WKS WB3JFS Z31RQ	2183 4X6KA JA3UCO JJ0DRC NE6I PA1H	2172 4F2KWT G3KMQ HI3Y KK0M	2161 JH1WJR	2150 K4KAY KU4XO N4UFO SM5FWW W3FI YB0COU
2193 K2RD	2182 JH1SOD	2171 UT3UY	2160 HS0ZEE I5REA IK1CJO IK4HPU JF3PNQ K1PL	2149 IZ0NRG JA5NPV JG4NNS K0GW RW9QA
2192 N3BNA	2181 IV3TMM W6SL	2170 JH1VHU N7UN SV3AQR	2159 DH2PC N1RJ VK3NX	2148 CT1GPQ DL7UPN K4YYL K5GH
2191 EA8TH HB9EFK IK2DZN JJ6DGP	2180 4Z5LX IV3TDM JA8BAR RW3QM UN7FW W5RQ	2169 G8AJM JA3MF SP1DSZ	2158 K4RO SM4OLL YO3FRI	2147 JH8SIT K3SX N3QE
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		2167 DL1NKS	2156 JA6GPR JH2PWY	

EA8MT N6KZ W7YA	2136 G3IFB IW3GJF IZ7AUH K7LV N1IX	2126 IK7YZG	2116 F6DBX JA3QOS K3OX KF2DT SM7HCW W5WTX WB2GAI	JA7HRM KW4V
2145 DF5WA EC1A JH0NEC RQ3A RU6FZ SV1FKZ	2135 JA7BEW KR6C N5TJ OE7FMH	2125 HB9JOE JH3SIF K2AX	2107 EA3DW G4DJJ IK0UTM K3PU K9AU	
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2143 JA1CZI JA3VPA JF3SUL JH2SON K4NA W9RC	2133 AJ4A JH2XQY RA3LO W7HR	2123 KZ8Y VK3BDX	2114 IZ5NFD JH1DGJ KA2NDX SM7BHH W4SK	2105 DS5TOS SV1MO
2142 CT3DL JE8LWZ K4JC K8KWT	2132 JA1MZL JR1UFN K7UT W3TN	2122 K1ZE KX4TT LA5SJA W9MJ	2113 JA1OVF KB9DAK	2104 7M4AOE DM5GG JA3KNN
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2140 CT4GO IW0GBU JS6TWW	2130 EA8AXT IK0OPS K0DEW W6YOO	2120 JA1WTI SP8FB W1WC W6RKC	2111 JA4FJL JH0MHR K2HAT K3PP SM4DDS W6KK	2102 AG1A CT1FUH DM2RM KS4S OH3NDH W3BG
2139 JF0JYR K2BLA K2SN K8BZ	2129 HB9G JH1BSJ N2AJ WB6EWM XE1H	2119 JA7XBG JA8LRG W2KA WB3LHD WI8R	2110 9A9CW F2NH HB9CRV JA1WWO JA8XQI NA5Z ND4X RA1OD	2101 EA6AJ JH7DFZ K1DC K7KB K8KS KM6HB WA3OFR
2138 JF4EQJ KV1J	2128 KE9I RW4PU UN6P	2118 JR6SVM OM5FM R3QW VE3UZ W0JM	2109 CT1BWW EA3EQS HB9MEJ JA2QXP	2100 DS4AOW N4IQ VE3NI
2137 K1SM NZ3O	2127 HB9AAL K7ACZ W9VNE	2117 ER5DX G0FUV OM8FR W0CP	2108 JA1AML JA1EMQ JA3WLN	2099 EA8RR N4JR
				2098 EI8IU KI1U KO8SCA

N8HRZ	2086 WQ6Q	2075 JA8DSO KI4GE RA3FH	2064 DL3BRE EA3NY JH9DRL N4OA W8FIB WV9L YB2DX	2054 K5CD OH3OJ
2097 IZ5MOQ	2085 DL5XL PA3GCV UR5WCV	2074 DL8PG IU8FRE		2053 EA3HRE JA8IUB K4YJ
2096 F5NBX HA1DAE JA1QWT JA1XPQ K5DC KB2FCV W2JLK W5WP	2084 K9JU	2073 DJ0MCH K9RT ND4V PY2GM RX3APM	2063 JA0KJD	2052 K5TA NH6T/W4 OM7CA RA3TT UN7G
2095 IK1IYU K1UI KE4UW ON4RU	2083 JA1JPM JL1OEC UR5ECW		2062 AA9LC DH0GSU K9SG N6PEQ W2YK	2051 JA2MNB KJ7TEA LA7XK WV6E
2094 IK2CHZ SV1FJF	2082 JM1GHT N7DED OH7TV SV1CQN YO3ND	2072 JA8OW R9SC SM4BZH	2061 AA4NC GW4BKG W1AO	2050 AC9S JM1HJG K4JLD W8JH WB8FSV WC3W
2093 VE3ZZ	2081 NA4EA PY2GG	2071 KF6HI N0ABA PA0INA W3GG	2060 CS8ABF JF1LZQ K6IPM PA0TCA WC2K	
2092 IZ2EWR N5AQ R1MA ZL2AL	2080 JH1ORA KC6X N0AH W5LE W5QM	2070 AA4M KK2M ND5S	2059 DL6LIM JL3LSF N0IJ WD8PKF	2048 I5JFG JL1OXH K8NS NT2A SP5ES
2091 EB3CW G4XRV W1TO W2ZI W4RDX	2079 JA1GVM JR1IZM K8AV KN4KL N1IW PA0GMM VE3JV	2068 KK4OK N4NW R3LA	2058 IK2PZC JA1FJJ W0FK W1ZK	2047 IZ0BVU JL2PQV JP7EIP K2AJY K9OR
2090 F6HLC W5RF	2078 N3KN N8EHW YO2DFA	2067 JA1NCZ JH8GEU NK4L	2057 PY2FN W0TM W8LMG	2046 AB4I EC1AIJ F5INJ
2089 IK0XEZ SM0MPV	2077 JL1CNY XE1J*	2066 DL4LAM E70T	2056 KU5B RN3D	2045 K1FEV RK2FWA W2PP
2088 WA2USA	2076 DL3LBM OZ0J	2065 AF5CC G3LUW JL1ARF K4ST	2055 JA1DDZ JA1UII JH6EJG PY2WC	2044 K3STX UN7JID

W7SX	2036 BG2QMO NU1O WA3I	IU8FRF JP1TRJ NI3P W6DE	2018 K0EOO ON7TK SA0AQT W3ICM	IT9ODQ JA0RCK JH1FSB R3DG SP5APW TI5CDA
2043 JH1EDD JH1MFN JH6WDG K2UFM K6MKF K9TF NA9A W4ZYT	2035 AA4VV JA7KE KE8KMX KM1C W5THT WB0O	2026 9A5F JA1PCM JF6XQJ K1TZQ N3ND RT5A XE2D	2016 K4KGG NP4G RU9UC VA7CRZ W1OP	2008 DG7RO K4EA KF9UG LZ2XF
2042 IK5BOH/2 K1RI KA6BIM LZ2ZG NE0U US1CT	2034 AA3LX K3VN NA2AA	2025 7K1CPT EA5OX JH6DUL JL2KEQ NO4J S52D	2015 DK3GG IU0LFQ K3WWT K9MMS RK7T YB1AR	2007 DK3UA KV1E N6OJ VA3MO
2041 AB4UF IK0OER IT9GSF JN3TRK SP6AXW SV9GPV W4GE	2033 JH7CUO V51B WD8ANZ	2024 HB9FMT N1JP RT0F WC6DX	2014 EA8DIB IZ1DFG K2AT N7TT W5DM	2006 DM3AZ JA3EJG KB4MRX
2040 K1DJ K2RU LA7WCA N7QT W8MK	2032 HB9DOT IK2RZP IK5PWN JA1AFR JH7IMX KI6CG LZ2HN W7NN W7VY	2023 JR1EYB KB6CIO	2013 G0MTN JT1BV N7ZO RA3QUA SQ7NSN	2005 DK5RL HA5BSW JH1NYN NA9Q PY2DV SM6CKU WA6JA
2039 DK9CG UN3G VE3KI W7IB	2031 K5NZ W7IV	2022 JA0KJE JA8EJZ K3BR OR7K SV2HXX UA3FF	2012 JE0VJV VE3MV	2004 DM1TT EA1DLU JA1IAZ RA3ANL SP3QYQ
2038 HB9KNY JH3GFA K9WX WA5IPS	2030 JH2VVH N3JT N6PAT UA6AUA	2021 JH4RUF K6BV M0CSD N4QWZ	2011 4Z5SG NS4P	2003 F1RAF GU0SUP IU8HEP KE3D KH6M UA4PCM WB4YDL YO7NE
2037 DK2CC JA3MHA K2EK W7IU WE4S ZS1J	2029 N4IG	2020 KK9H	2010 HL4GAV JA1NRH JM1SZY K2BB RA3BL VA7RY VE3SKX W3BJ WB3D	2002 HB9DVZ HK4L JA6IVR JF2OZH K2QPN K5FNQ
	2028 DJ0UT F5VHQ JA4QAD KD2T SM5AOG YB1TJ	2019 GW3SFC JA2MOG JI6IHG K1BZ K1JIU SM5BMB W1ITU	2009 9A4SS AA0MZ	
	2027 F5OVQ			

KD8RQE N4CQ NJ3K OH1HB SV3FUO VE4EAR	1999 IK0CHU LA9OI	JA0CIU K6MM N4HN	WS1L	EA7QW K5RJ K9ALP
2001 BH4IGO DL6OCM G3SBP JE4NAN K6KZM N9TF N9XX NU1B OE3KLU VR2XMT YO4DW	1998 AC4TO K6NR KN6KI RX4HW W4RBO	1984 6K5YIA DJ9WH JE1HRC JI1CQA JR7MAZ N2FF	1972 DL3JPN	1960 JA1CFZ
2000 AD8RL CT2FEY DK8MM DL2RUM DL2SWN FG4NO I1WXY IK8GJR IW3SSA IW7DOL JH0AWC JH0NOS JH1ERJ JQ1TIV K1RH K8YYY KS4YT KV4T LA1K NG7M R5QA RC2A RD4A SQ5NRY VK4CAG VK5GR W0IZ W3ACO W3BNN W4KA W5VX W8LKG W8QZA/QRP W9ZCL WV8DX YB2TX	1997 AF2C GI4DOH JA1QXC NA2U W2NRA	1983 DF2PI	1971 DF9PG	1959 JR6CSY K9JN SM0DSF SM5CAK
	1994 PA3GRM	1982 DL1RWN JA1SGU WA6SCW	1970 JI1WLL	1958 K5ZQ KE8UM N0ODK N5TW SP6AEG
	1993 K5SM	1981 G4XEE WA0ROI	1969 IZ5NSH	1957 IT9RTA N2RJ NY3C
	1992 W5GA	1980 G3LDI IZ4DIW	1967 AA9RR JA4HWX JM1TWR	1956 AA6RR SP5MXZ SV8BHN WA1YTW
	1991 HA5GN NV4B SV2DCD	1979 AA9GR I8LWL JE2PCY	1966 I8OCA	1955 K3FM SP6EY W1CSM
	1990 N6MB	1978 IZ8EJB N1QY	1965 JA3HBC KA1J KB9VF KD5QHV N6NO N7WO N9PGG	1954 DM2TO IS0AFM K8VC
	1988 AH0U JA4IXI OM3IM	1976 DL5OCE JJ2RCJ KY6R	1964 DJ7ZG EI3IO N9ZI	1953 K2BX K4WZ N3KV N9KW W0PSY W9IL
	1987 DK3WG JH1OGT TZ4AM WC4H	1975 JA1DOT JO1LVZ K5QX	1963 I8DVJ JA1BNW JG3RWX W6AER W9SN WB8ART	1952 K3NQ W2NK
	1986 F1ICS HB9DQV K1ACL KZ5DX N1UK N4TOL W0SR	1974 DF1ZN GM4FDM K8FC SV8DOU	1962 CU3AN HA5CW	1951 IZ0BTU
	1985 HB9CIC	1973 DL2NOM G4FKA JA4XH	1961 DK1WU	

1950 JA2FCZ K4OY N1ZZ N5UW WA4DOU	JH8NBJ N2NW SM0BYD UA9CGL	1926 IK2DUW JM1VRW RD3BD UA3FX W3SB	N9JR	1902 AK5Q IK6GRT IU2ANW JA4KDT JQ1ALQ OE5TXF
1949 JA1XRA W4DAO	1938 KE1VT NA2P	1925 DM2HK HB9TOC JA0NZR W1NA	1912 DL2RTL JA2ITK K4WM	1901 F5JSD JP1HDK WY1G
1948 YV5OIE	1937 K4MF		1911 JH1RFM K5TN UT7KF	
1947 DL6XK DS5DNO N4ENE	1935 N1KC	1923 IZ1JMN	1910 K4MY NC4RB	1900 DL4FAP I4JEE JA7BSD JH7WQX K1JD N6ZN PT7ZT W1AW W5KI
1946 EI2HY JH0OXS K5WBM	1934 DK4TP JL3MCM NA6L	1922 DL4RCK HB9AWS K5OA LY3UM	1909 EA1KP K3NF K9SE W7WZ	
1945 DJ8NT	1933 CU3AK JA8AZN JH8UQJ KK4OW W8FN WN6K	1921 JA2KSP	1908 JE6HGL K5YCM KD4W KL7HBK SP5TT	1898 DL8OH UN1L
1944 DM2FX NE8Z	1932 K9GWH N6NU	1920 JJ2KDZ K9AW	1907 DL4NBE DL5MHQ W9MO	1897 G3XLF JR0QFA K4XU N2ZA NJ7G
1943 W8TE WB2BIN	1931 JF1IXE JH7VTE WA9GON	1919 JA3MVI NR9J W0FS	1906 HB9IIO IK7WPC JA1HOM KI4WCQ KQ4EE N3KS OE1SZW	1896 JA2EWE JA4CZM W9VG WB5AAA YO2KHK
1942 CU3EJ JA4EVN UA4SKW W2CVW	1930 IK8CNT	1917 7J1ADJ DJ3AS HL5BMX N4PYI		1895 KF7F W5JMW
1941 ND8L ON4ANN W5LO	1929 I1YDT JA1OND JA7FWR RL3AA	1916 AD5MN EA2AFV IV3AZZ W8HMK	1905 JA6JEW KW4MM SM1TDE	1894 JA0AXV W4HZ
1940 DL7UVO JG6NGS K4WES KZ1W N3NR N9YB WD8NVN	1928 K6MW N5WA N6RK W5KK	1915 W2WC	1904 DF2UA DL1DAW K8EAB YO4AUL	1893 K4JKB
1939 AC6DX	1927 EW1P JE1OHL K2TER S58J	1914 VR2CH W5GO	1903 NQ3A	1892 AB2E CT2IUK K8QKY
		1913 DL9IU IV3IXN KU8X		

N3OC N6AX	JA0EVI VE7TK WB2KSK WX0B	1869 JA0MRW JH0EQN RU1AO W4PNY WK7E	SP7ICE	1848 PA3BWD W1WLW WA3PTF
1891 K6XN LA9TY WW5G	1879 RD9M		1859 IK5FKE JR3XUH N7GR	1847 AJ8MH KE1R VE1OP W3TI WB4QOC
1890 JR7ILA N7ELL W2CDO W8QID	1878 K5AB K5KG K9UQN RA4WE	1868 SV1OZ UA1ORK	1858 EU1M I4JBJ JI3CJP K4MV N5QS NL7S SP3F	
1889 IK3ITX N2ZZ	1877 VE3YV WV2I	1867 JH8KFE RA4P RO1B		1846 JA2XW
1888 IV3ARJ MM0BQN W4YCH	1876 AA4AK WO2X	1866 EA5B HB9MFM K1JB K9CS RA0BA RT3M	1857 AA4U JM1LPN PA0JNH	1845 HB9DQL WY6N
1887 DF6TC K9DT KM3J YO3JF	1875 IZ8AJU K0LB W3US		1856 AA6PW JA4SSM	1844 K5IB N2KI N7UVH N8SHZ W6WF
1886 JF1WLK ND3L WB2WPM	1874 DF3EC JA7VEI K6IPV LB2HG RK9UN SP3AU W1SLF WB6JJJ	1865 AC9O AK5X JG1HVC K3PT N4GU SK3BG SP6IEQ W4DEE	1855 JT1CO K5CWR	1843 KK4CB N1MD
1885 DK6OR		1864 JR0PJR MU0FAL WQ5R	1854 5B4XF W1EG WA5POK	1842 NE9Z VA7ZT W8OM
1884 HB9FBG IZ8EEI KZ9DX	1873 AG5W WA4VA		1853 N7MQ W2RIJ	1841 W0DD WB2AQC
1883 IW0BYL W2PA	1872 AC4VM I0GOD JG1DUZ K4JWA SM6CLU	1863 JA1PAH WO9S	1852 W0QC	1840 DK5JI EI6IZ JA7FAS K2MP N8AYY W0KCJ W5UE
1882 DL6KO EA5RU NU4Y	1871 JH7QLR K4EU NU4E	1862 DJ5IO JA1GUC K2CIB W1KDA WC4X WD4OIN	1851 JA1UTZ JA7GYP N6GP WA4QMQ	
1881 JG3WCZ JP1LRT	1870 DF1KG N6QI SM5FQQ	1861 JK1VXE N1AC	1850 I0LYO IT9AAI JA2KTP JA7JPZ N3XM	1839 DJ8OG JI3BFC
1880 AA4DD		1860 DL5KUA	1849 IZ8MBW ZS6NJ	1838 DJ1TO EI7CC

1837 CX2CC DF8FT EI2JD LY9Y	1826 K4AV YO3DDZ	1816 4X1VE G3WW OK4YL S52FW	1806 JR6IQI KN4PPD PA0MBD	1795 JR1DQK K5ZD KA9OKH SV3ICK W6DX WC4B
1836 G3YQA K0SD	1825 K0MD N5FF W1LE	1815 IW0BCF W1PX W3KB	1805 CT1BXX W6BK WX2U	1794 I2YWR PA0VLY
1835 AA4LR IT9BLB JA6HQT K7GS NA6MG W0ZD W8NGA	1824 DL1HBT DL7APK IK0EFR JE7ETY JJ1KZZ	1814 4X4MF AH2O EA8DOX IK1UGX W1EL	1804 JN1XNI K2RET KB1HY KV4AA SP8LBK	1793 G4ZOY G7VJR
1834 N6MXU	1823 EA4DEI F6KOP JA7QVK NI5F SQ9OH	1813 JI1LAT VK6LC WB4VAM WC7Q	1803 VE6KC	1792 DL3EA JE2EBT JH4RLY JR6GIM
1833 LU8ADX W8CD	1822 HL2VA HL2ZN WB0TVY	1812 AF2D JA2OLJ K3MSB VU2DCC W7CD	1802 JA1PPW K2MK KE5PO W2DXE WK8A	1791 N6WM W3DM
1832 JA1XEL JF7ELG	1821 K3GT YV5LI	1811 HB9IJC IZ3BJK JH1FVE N8NA OH2RI	1801 IK0WRB N5PR NK7C	1790 IZ0GYP SV8RX W9CSX XE1FAS
1831 AB4GE DL5NO K5OT KM4NS SM3PHM VK3FM	1820 DL1TS HB9DVO JA3EY K1XV K2IXQ K8ZM W1DYJ	1810 DL1DWT NM5Z NU7J W3ML	1800 K3GGN KL7TC VE3YXO	1789 IK2ZJN
1830 DL8FBD JJ1QUV K0OK	1819 JA5DBE JA7MAD K5UZ W1UK WB0N	1809 NX8Y	1799 DL8TV JE1IBI JJ1CZR	1788 JA3HBF K0ARS KD8F KE0A KT2C LA1U
1829 KD1F	1818 JR7XOD K0THN K3AJ YO9BXE	1808 JH5HDA JH9AUB N3RW W0MU WB2NPY YL2CA	1798 DL7KL EA3ELW K1IFJ KC5LK S59DKR	1787 K1OT KM7R ON8GT
1828 AG7N JA1QIW OZ1HPS	1817 N1API WA4BIM	1807 JA9ESZ	1797 K1DW N8PCN	1786 AA7XT G4AFJ K8KI N2CG
1827 HB9DDM JG1SWM N1IA UA9FFV			1796 JA1VRU JF3DRI	1785 JI8PDC JL1BYZ

K6UFO K7NK K9QFR R5DU W3UM	W8GEX	1765 K7XC SP5LKJ UR4QFP	1755 G3YBO G7SSE K5TR	1744 IZ1JLG JI2KUJ K8SL NA6O RX6DX
1784 EA5DFV I2TZK JJ2ONH LA8AW W3MF	BA4TB I8YAV KW9U N3MK WA2UBK	1764 DS5RNM HB9ZS UR4IOR UW7UA	1754 VK2CA W8RV	1743 K0HD WA5NFC WB5NHL
1783 IZ0CBB K4SX R9MJ WB8BZK	1773 AJ7G JH1XEF K4WY OZ7DN PY2SEX	1763 IK4THK W9ZJ	1753 LA4YGA RD8X	1742 DL7JRD K5ALQ N5PG
1782 DG5LAC I4JED JJ1PFC SM0XBI	1772 4X1SK K9PG N4TD UW2ZO WA0SXV WB4GLI	1762 JH2AJY K4GO K6ZP KF2T N9MR* S53MJ SP5JXK	1752 AL7R BV1EK JF2HPA W3NS	1741 JA6AVT KW4CQ N0UN
1781 DL1FKA IZ0CKJ JP7FSO W6TK	1771 K3SV N7BD WC0W ZL3RJ	1761 HB9BOU NA4MM SM5BS	1751 KR0P LA5XGA	1740 CT2GLO DK5QK DL8SDC N1KDO N5EPA VK7CW W3HKK
1780 EA2AAZ IV3KCB JH1FNU N2GZ S50B W6OD	1770 EA4DL SM5YOC WY0V	1760 DK0EE HB9TMW JR1EFG	1749 7L1CYC JA3UNA K2JL N1NU N6BM OZ1ACB	1739 AD6ZJ CT1IZW EA3WL JH8OCV K1ZJA K4EB K6RG OE1ALW UN1O
1779 JA6GIJ K5AV	1769 KE4KY SE2T WC7N XE1VIC	1759 W0VHF	1748 DF7AP DL2TOS RM6B W3ZQI	1738 F5RQQ LU4FW N0STL
1778 JG1LBN JH1ILX JR3QHJ VE7SZ	1768 K0IL K7LAZ NE1F WA7BNG	1758 K4QE KE4S KF2TI SM5GLC	1747 JA1ETN LB7ZG NN4Q/QRP	1737 DL9EO JM1ESG K1DX
1777 EA5AR JA7DYJ	1767 K0QQ VE3VC	1757 JE3GNN JH4JLV JI2FBG JS1NDM SV1NJW	1746 SM2DMU	1736 JA4GXS N7MB
1776 HK3PJ JA6JNF JR4LZX	1766 LZ1MS N2KX SP5ELW TF3DC	1756 G4FAL JK7LXU K5CR NE9R YL3DQ	1745 IW7DVM JA3AVO SM5ELV	

1735 GW4TSG K7FL RN9CM RU6K W3FJ	JA1KXT JE4CIL K4AR KR8T N7HN NA6JD	K6CF ND3F NX2X WA6TLA	1708 IT9ZZO JA1SHE JH1SBE N3PS N8VV W5UHQ	VR2MY WB2RAJ
1734 5B4ALJ JE0ART JE2KSM ZL1HD	1726 DL9GTB IK3DVY K4VNY N9IO	1717 HB9HBZ K8ZZU SP7CVW SV1GRE	1707 AB2RF AF4Z K9RE SM5CSS	1699 JH1IZR WA6G
1733 JQ2QHQ K2CYE	1725 N6EE V31MA W6FL ZS2Y	1716 9A1CKH DK1EI IW9HII K5VR K7WE N3RD NO9E W4MA	1706 AC6HY IK4DKO JA4MMO OZ3SM UT6UA W9BP WA9BZW	1698 HL4CCM K5PC KF7NN W8SAX
1732 EU4A IK6EIW JA5JUG KA1DJ N4DWK	1724 F5JY JA3CSZ YO3AIS	1715 KK5OQ N1CGP OZ8X	1705 K7GQ K8AO VU2CDP	1697 9A1R AC5AA AD5WB K9QJ KK9T WA4MIT
1731 DL5CL JA9NUN JL1GYZ KR4W N2RR W6WA W9GXR WA9JWL	1723 AA4UC DL9OBY JA8EIA VU2IBI	1714 JR3VMJ K8JE N4PL N7KO	1704 KF4ZZ N7FU W3UL W7FP	1696 HB0WR IZ5YHD JM1JZN N0YY N4AOE RA0R W9GG WW8W
1730 DL1USB JE3EDJ JR7HAN K5TIA KC2SST WX6V	1722 IK2GPQ K2SD KG8CW M0IKW N1WQ	1713 HA7LW IZ5FSA JA1PBV ZS6UT	1703 KO6KD N4FN NA2X W9ROG	1695 JA1FUI JH3HGH KF4VTT LX1DA
1729 DK4PE I7PXV JA2PTQ LA2GH XE1L	1721 AA6NP DM3ZF EA2J W0PR W8BLA	1712 K8SIA OM2RA	1702 JA0JPD JG3HBO JK1SQI KM9E	1694 4X6GP K0FLY K4KEW UA1ANA
1728 JH2AQI PB2A	1720 IZ6CST KK0DX N4XYZ	1711 HB9CQL W1KMA WA0WWW	1701 CT3CD JH2HHJ NO0B	1693 EI9FVB K3MD R1QA W2GS
1727 AG4Q IK7YTT IZ0MYH	1719 AE4CW G0BBB W6SFK WA2MBP	1710 JE1HPM JG3KCX KG4CUY KS0M W4GP	1700 HB9VAB JA0ED KE5TD N9DR NY1V	1692 CT1ELF JA3KZV K0KP K8OD N4WE W0AD W1UE
	1718 AA8SW	1709 JA7BME WB6CJT		

W4LIA	1682 JA9RBZ K4MIJ W0MS WR2K	1673 EA7DUD JR2PZX K3LR NU4I WA6POZ WT3Q	OH2LHE W7IUO WI7P	1656 DK3QM F5BEG N2CQ UY2IZ W0KEU
1691 JK1WSH KE5FXE N6KK NS3L	1681 JA1JYE JJ0NSL K9MUF OK1DX RL3AW W4UEF WB6L WF1H YO3FGO	1672 K4WW W1FA WB4KTF	1665 JR4CZM KC8RP N5PA SM2EJE UA0SC WA4MME	1655 GW4MVA JA1HSF NF3R UA3AKI W0BBI W0JMP WB4DNL WF8R
1690 DJ6NI G4FTC W6RFF		1671 AC0X W7QHE	1664 AD3C IK1MEG IQ2VA WE2N	
1689 JA6ENL K1AJ K9ARZ W4GMY	1680 W1MR	1670 F6DHI JP1GUW K0PC N4BAF	1663 HB9ERU IK0XIH JG1BKX JI1MNT KX8G N0OK WA6EZV	1654 JE7RJS RN3OA SM4CTT
1688 AA0ZP K5MT	1679 JA4IYL K9SO N7VPN	1669 LZ3CB WA5NOM		1653 K8ZT/QRP KD3HN PT7YV
1687 EC6AAE JA7NLW N2LQ N3TR R6FFB W6GRV	1678 9K2BM	1668 7K3QPL DL7UIO HA5LQ HB9BNQ JF3LGC JL6USD K2DC NE3H VA7KO W5HD W8NJR W9KVR WA1ZIC	1662 DL6UNF JR0EQQ N8NB	1652 GM3WIL K3WI KC6JAM KU4BP N4FY N4ZR VA2IG
1686 AG3V F6DAM JO4JDU K6LRN LZ2HM NA4M	1677 DJ3XG EA7BJ OH1WR		1661 K7FEL RL2A TF4M	
	1676 JE1PHH K2RR PA9M PY6HD VE1VOX		1660 AD4AA JA1XUY K0SRL LA4WJ ZP5YW	1651 JA1FVE K7GA
1685 4Z5IW K0VM K3XO VK6OZ W1OG	1675 IV3AVQ K3SF VE1SK	1667 4X6UU AE5B EC5A K1VI K9GS KU2C W9RXJ		1650 CT1AHU KK8MM
1684 EW4C JA2HNP N9LJX W8UQ	1674 JA1BNL KB1W KF1C KL7TS ON6YH VU2LBW W1JQ WP3R XE1R	1666 EA4UV F5CT JA1TD JA7OVC K7AWB	1659 AA6RE AJ8B	1649 N2ZN W0JW WD8KND
1683 W1JA W4JVN WA2UUK			1658 DL2JIM I2EAY VE1JS VR2KW	1648 JA6BZA K9EXY N5MT
			1657 SM6AOU	1647 DL4UCS JA5QAH

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1646 HL1AV IZ5EBL JO3WHB N0AMI YO3VU	1637 DK3BK JA9RT JH2BNL KK9M KW1DX NA3F YO8CRU	1630 JR1CAD K7HC W5BK W6KGP	1620 9A6ST I7LGM KC9FFV SM5OJH VE1JF W7YW	1612 DH3KM JE1CTA KM2E SV2CLJ YL2TD
1645 GM0VRP IK4HLO K2QB KP4AA R7HF R9JX VE3MM W9MR	1636 NZ5O RN6AJ	1629 KW3W OT1A	1619 DL5AVJ JH7IQQ ND7J W0SD	1611 IV3TMV JN1NOP K4CGY K6LPO W2UDT
1644 EA4DB EA5HM JL1WQO KG5UZ W0BM WA3FRP XE1YD	1635 AA4A JA1DCK N7GCO YP3A	1628 N4MEC N8GP NW4M SV1BYI VE1RGB W8PI	1618 AD4Z KF4MH UA0FDX W8WVM YO9CEB	1610 JA1GVT JR1JGA LA2IR NW7US W2GFF
1643 HB9HIT K4FX	1634 CT1BOY F4FLF F6GCP JA7MYQ JL3DGI JM1JIV N7RD NU2Q US8UA	1627 EA4EPY G4NBS K0NV N8AGU VE4YH VE6SH W0ZS W2RA WA4NUF	1617 JG3KLF K0CF KM8AM WB2HJV	1609 JA1CCO JH1XFR ON6KE WJ2R
1642 DL1EK OH1TSM W1HEO	1633 K1FT KI6X RA6AAW RW9SG VE3IQ W7JW	1626 DL6GBM W4AG	1616 HK1X HK4EI I5FLN IT9IPQ JJ2VLY K1LEC LA7EIA W6OUL	1608 AA4FU EA5K I0KDF JA2CUS JF1MTV OZ1RE R3IS W5ZE
1641 DJ7JC JA4HXF K3WGR	1632 AA3TH KN7Y KT4AC N1LID N4NR S51MA WF4G	1625 RV4LC W3OOU	1615 JI1HNC K3GW K4OCE VU2MSA	1607 N9AKR ON6NR SM3DXC WB1EAZ WB6BFG
1640 K6XM KE6V N4XMX	1631 K3DFL K6UNE K7CMR NY4I	1624 JR1WYW K5HK K8YE N8WRL UA9CNX W5SJ	1614 IK7HDY K1EO LX1CW OK2ZA UA4PK W5WLA	1606 HB9GWJ IK8YFU JR1TCY K3KY W7VS
1639 I5XFD JH2GZY JQ1YIW JR0AMD		1623 IK2QEI W1OK W7CP	1613 IW5AB JA2ODB	1605 LA3PK SP5GQ

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1603 D2UY NP3CW W5NUT WT2P	1594 E74A JJ6WZS KD0AA SK0QO	1585 JF3SFU JR0RBY KE4SCY KN4JX KW4J N9DD W5SUM		1568 DL6DQW JA0CVC WA2BOT YO3GOD
1602 K3VAR VR2XYL WB4CW	1592 DL5RDI KU2A VE7CV VR2XLN	1584 I1PLX KS4V N6WT W0PE	1576 EA1T JE2DJC K7CU W5WI	1567 IS0MVE IU8IYE
1601 KY9KYO SP4K	1591 F4WDL JA8ECS JF1WQC JK1JAS UT5URW W5VU	1583 JH3KAI K4WFM KJ5PQ N5EE N6DHZ	1575 DD3KF JA1NQU K7LFY UR4CWQ	1566 E77S N1KX VK8DR
1600 JR5VHU K4AB KB2XJ W4QK W6BCQ WA1EHK	1590 JR3TOE K4KL SM5HJZ W8MIL WB7QXU	1582 F4GVO LU2BA N0KK NZ6E W4UFO Z32ZM	1574 AB0RX N9CO NM9P PT2ADM RU3A W7/DL1UF WD5BJT YV4DYJ	1565 JF1OSL JH7HIQ KE1B KM7DX W0FG YB2TS
1598 CT1ELC IV3FFI IZ0ADG KB5UNX KI8L N4XX W7TUS	1589 AA3AZ EA4D F6FYD IZ4AIB KE9U KZ7N NK7Z	1581 JR4VMS K2WJ KJ9X XE2YWH	1573 DL2HRT EA5ZR JF2JRD WA3GNW	1564 IK4TVP N6RFM W4KK
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1596 AF4CD CT1ESO DK8IZ N8DUY N9JCS	1587 JG1OWV KF2OG	1579 K2ZD NA1DX W4WN W9BS	1571 DK3PZ G1VDP G4DYC HL5FBT JJ3FRB KX7DX N5VR	1562 IK5QPS YB0NFL
		1578 JH1AQN K4QD	1570 JR3ADB	1561 E73W IN3EQZ JF3GFH JL1VAL K9CJM N6VNI

W8JA	SV3KH	JE1LPZ	HL4XM	K8ROK
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K5RKS	W7BQ	OZ2RH	KC4HN	UT2AB
KG6D	1552	PP7LL	KF9AF	
ND1Y	JA1MLY	1545	N5ID	1531
UA1CKC	JH8JYV	EA4DUT	PY2RN	SM0HEV
	M0VAA	I2DMI	VE2BWL	VE7XT
1559	NE0DX	JL3OUW		WS4C
JG1LFR	RA9SC	K8DP	1538	
JH0AHI	WN7J	N4SV	CU7AA	1530
ON4ACG	WQ7B		JA4RED	5T5PA
W3IZ	ZL3TE	1544	PY8WW	I0NUM
		7L4VYK		JA1DFK
1558	1551	IZ6ERS	1537	K7CMZ
KI4TZ	IK1ZOF	JA2ACI	AD5MD	W3WST
N6VS	JA0NPQ	KC4HW	JH1RVQ	W7BEB
N8IL	JA6GXP	KS4XQ	KE7W	WA8LRW
	KD4POJ	N6NR	N7TR	
1557	RD9U	W7FI	RZ3EM	1529
7M4CLF		W7JET	VE3OTL	EA1P
DL6NDW	1550		W4OV	I1CMA
OE3JAG	G8BCG	1543	W6DCK	JA9IWR
VK3KE	JA8RRF	J68HZ	WW1V	JL3JRY
W1JGS	N6EM	K4IE		S59SV
W8BI	W9LN	N5CQ	1536	VA7DX
YV5KAJ	WA4USA	RZ6DX	DL5ZB	W1HS
		SM5ACQ	EA5GHD	W5RZ
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JA6GMC	AC6BW	VE6BMX	K4MQM	1528
N7TM	DL3NSM		N3ZP	DS3EXX
R3DL	IK0TUM	1542	N7JP	SP9TPZ
RA3M	IK7AGT	DL2RPN	W5FPT	ZL3AL
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WW0E	K5AC	JD1AMA	1535	1527
	K8LO	JP3OIK	AA5N	N3AO
1555	PY4AZ	MW0CBC	JE1GGI	R7LP
IK0ZIO	W9WO	N1EK	K0IS	WX0Z
KA6A	WA9DU	W2GB	UR5WIF	
KK7YC		1541	W4UDH	1526
VK3TC	1548	IK2RGT	WA8A	DS2BGV
W4DTA	JG2CNZ	IK4YCQ		G4DXW
	KD4SN	JA1XPH	1534	JH1CML
1554	NM1G	JG1ULT	DF2WF	K8JJC
AA6K	SP7QHR	K4SAF	DJ2VO	UA9AGX
DL4MM	W5MO	W4NE	K2OP	
KE9S	1547		SV1XV	1525
W5IP	CE3BT	1540	VA2LM	AC2G
	IW2ETR	IW7EBE	W6JZ	CT7AUK
1553	JH2AYB	K8LY		EW2DZ
HL3ERJ	K6QU	KM4HQE	1533	KE8G
I8KHC	N7OJ	N5OHL	9A0W	NU4B
JA9APM	WA3GFM	OZ1BXG	JH2KXN	UT3UX
JP1SRG			K2CS	W8VI
JR1AIB	1546	1539	KI7AO	
KE4BKL	JA0FLL	HL4CBX		1524
SV2BXA			1532	DJ7WG
			HK3CW	DL5KUT

DM5JBN	1518	1512	DL1MEV	ON5GQ
EA2AA	HK6K	EI8GS	I2YPY	R0QA
JA7DPC	IK1DFH	HB9FBM	K5DV	R2DO
JE4FNC	JI1VVB	JH6WMJ	K9AQ	UA1OM
K6FM	JK1UVP	NV1Q	N6DNU	W5DXQ
LY3BY	K4HQB	RA9LT	N9AZZ	WB9PNU
N9LEO		UW2XW	WR2G	WF7T
NV4A	1517	VE7VF		YB0MWM
W3KHZ	JE3MDQ	W1ZS	1505	YB1TQL
W8WM	JG1JPE	W5FL	JH3PAS	
WR7Q	K1FE	W6GJB	NC2Y	1500
	K3HW	W6ZO	WK9U	AA4US
1523	K4PKM	W7VAS	ZS1C	AA8KY
EA3ESZ	W0ANZ	WA2MCR		AE4AN
HA5KFV			1504	EA4TX
JJ1OKK	1516	1511	DL9DRA	EI3CTB
	DJ6TF	AD4ES	JA3PRM	I4KYO
1522	K0AU	DK8UH	JK3NQV	JA4DNC
CT7AUP	VE1DUN	JA5JGY	W4UAT	JF2SQB
DL2RD	WB1DX	N1PM	WB1S	K4RDU
DL8DXF	WT9U	N7JB	WX0E	K5EWS
JA7GAP		UU7JM		N1BZ
K4ZRJ	1515		1503	N4ST
KP3AH	9A3MA	1510	IK0PCJ	N5VYS
NR0P	CU7MD	DM3PYA	JQ1EST	N5XJ
SP3WKW	DL1MDZ	N2YBB	K8MN	N7QU
UA9LAO	JF7RJM	OZ9XU	SQ7FPH	NU0C
WB2ZAB	JG2LGM	PY2OP	UT7EC	OH3FVP
	JG6MQI	TF3JB	WB0OQV	OK2MDC
1521	K5DB	WN9O	YB0DJ	OK8DD
JA1UWB	KP3V			R5AK
JE3FOR	N1ZJ	1509	1502	UT2VC
M0HIH	RK9UM	JQ1PCX	DL6WT	VA7QI
SM6VR	W1XV	KB8GAE	JJ2NWI	W4HY
WA5UA	W4PGM	KG5VK	K6JJ	W9PDS
	WB1AEL	LA2DS	K9LCR	WA0JZK
1520		R3BM	KB5HC	WJ0T
4X1UF/M	1514	UA9MC	KN7K	WO5I
DL2CC	IW8CGX	W1MJB	N2PK	WW7Q
G4RGK	K0PX	W4REX	NN2D	WY7FD
GU4YOX	KJ4R	YU3MAY	YB4IR	YB1RUS
KN9P	M0TTB			YB4CHP
KY5I		1508	1501	YL2BR
N6WIN	1513	DL0WW	AA5TA	
SP3EPG	AB1J	IK4DCX	HB9AGO	1499
WA3WZR	AG1I	NN6K	HL2DBP	K5LY
	DL6DCD	WV4V	JJ1DJW	KF6A
1519	JA7BAL	YL2EC	JR1SLU	N7ZA
F4DSE	K8EB		K2SHA	SM5APS
K4TXJ	KA5V	1507	K7PT	VE6TL
K7DSE	N9CDX	EA7DAP	K7STO	
ND4DX	R7IA	N0VVV	KB1YNT	1498
UY2UZ	UA3DK	N4MIK	KC9K	K4AU
W8AKS	VE4EA	W0ELT	KJ4YLO	KA2CYN
WA8CDU	VE7UF		KU1T	ON4LG
WB4SON	WA7HQD	1506	NK5B	W1GF
YO9BLY	WQ1H	CE3FZ	NR2C	

1497 JR2IMJ K5YG W8LR	KM2O W6JTI YO8RSL	PY2CP VE3TKI W4UW ZL3PAH	N6AWD N9LF VA3OKG W4WG YO3GJC	1464 W5LUA
1496 E73M IK6ZDC JA8FKO JH1LAH SM2OTU	1487 LA8WG N3AIU N5UE N6IG W4PGC	1479 EI1DG JA7QQQ JJ1KXB VA3AYA VE3UTT W0YK WA3SKQ YL2CZ	1471 4X4JU EI4BZ	1463 IW0AFS N5XE WB0ULX
1495 JR1LZK ON7DR	1486 AJ4F DF7FC JA6NEJ N8XI W7HUY	1478 A71AM JA0HWF K2CYS K7QBO	1470 AK7O IZ8DUD JA4MEM JH6RTO K8GT KF0RQ WS1F YO3IPR	1462 AL7LO DJ1OJ F4BDG JG1LRE KI4R TF3VS VA3HP WB3BFC
1494 G4AFU KI4TWA N4KM	1485 DF9HI DL8DWL DM9EE HP3TA K1ROA	1477 HB9HVG K0BRO W0IKD	1469 HB9CYV K8AJK K9DY KE5BR SM6WET XE1MW	1461 K6KR N6FS
1493 IK5ZUK JA3CMD M0URX	1484 DL4FDM IK7YCE K0MFI LA9VBA ZL2CC	1476 E70A JK1EBA N2BI	1468 DC8TS DL2MIH DL6RA N9LQ W1FC W6FEL WD6T	1460 K4RW N6VH
1492 IZ0COK JA2QVP JE3PCP K5NOF WW8RT	1483 4X1RU JA3WMS JE2VFX RU3UN S57UX W0OGH	1475 G0SYP J11UHZ LX2SM	1459 HA5UK IK0WMJ K8JRK KI6MQX S50U	1458 WA9PWP
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1489 F9CI JR2BJE K1EDG N6YEU N8OQ W1LY	1480 AA1M AA5SH K0XN K8ZH	1472 CT1BOH IK3GBG JH1APZ LU2DSL	1465 AB9M K5YU K7VC N4UFP YB2MM	1455 AK6A ES1FB JA2JID JH1XXB K2KIB N9MB UT5IP

1454 AE4M JA1UPT	JA1BON JA8ANQ KH6U N9HF YO9IKW	LA6FI N2XQM XE1EE	1430 KB8DRK KD1AB	KB4CL W9SE
1453 DL1QQ G0THF JH8FIH KD2SC N3WD WA4TII	1445 EA1PP KJ4UZU NJ5N	1438 DF1IR JA3IWB K1TKL RZ1OK	1429 AA4ZK EA7AN JJ1LID OZ2ABI TA1L W4HGW W4WJ	1421 CT1ETE CT1IW DJ4KW HB9DQD JA3AYU K0IO N0TK
1452 EC7B KB4CRT KB7V W2SKI WA9JOQ	1444 HL1VAU JA0BOV JK1DDG JR4ABB K1KNJ N3AE W4QG W5FK W6SIY	1437 G4PVM VE3BZ W0ZR	1428 DL9MEN IK4DCW N3HBX OE6VHF	1420 IW9DNI KM2L ON4CN TG9AJR UN7BY
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1450 AD0K DJ5DT EA8TK JA2BUR K2QMF K5OVC KI2D KT8D W4TUN	1442 EA1AZ K3VPZ K4NC KO4PY KP4N NN6L SP7UWL WA8RCK WT1L	1435 A92IO JH1DSF K0HB K1WO KM4VI VE3FRR W3WH W4GF	1426 9H1EJ K0YL K1XE SM4GVR WA5KBH	1418 W5GJ WA7HR
1449 DM5EM IW5EIJ KP4DS KQ5M	1441 DL2VFR	1434 BA7NQ CU3BL JH8WXF OZ6EI WC2C	1425 DL6NW IZ5EKW JA3BKP JH3PRR K0XR KI9A N0TR W2EQ	1417 DL4ZAB NX9T PY3SB W8HB
1448 NR0T	1440 CT1DSV HB9FAI JA8BOV JA9KRO NE5S	1433 JA6SRB K1OYQ K3MM K7ORK W4HOG W6OPO	1424 A61BK G3PSM JA6NQT	1416 AA9D W2CQ
1447 AF3X JA1PVX K9KDS KC2STA KO4PRE WA3GM WM4AA	1439 AD7L DL1VDL KJ6Y KN7D	1432 K4NTO NN5E PS8ACL WX3P	1423 K7CTV N3FG N4NQ W5AP	1415 DF5DH VK2AAH WD4IKI
1446 DS4NPL IU0ICA		1431 K5OO K8MVZ W4AO	1422 3A2MW DH4JQ I4ACO	1414 JH5RXS W4AXL
				1413 JA5XPD LU3VA N6XT RX3BP WA2VQV

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1412 K7PO LA4JGA WA6URY	1403 9H1AE HP2NG JR1TNE K4MIL N7RVD ON8VM WE8L	1395 JG2TSL JH3HTD JI8XLD K2DH VA3IC W5EC W7KW	1386 DL2VWR JA7JM JI3KHV KE4FW N7TP W0SHL W1GY	1378 JR2BYJ UA1CEI
1411 AI9U K8WHA KB1DMX			1385 8P6SH DJ8KM G3PLP K6VV K8WVA KG4JSZ W6BBS WB8EKG	1377 IK8OZV KC1ERO PV8ABC W4DN W4PRO
1410 JH1CJQ NS4X VU3CAU	1402 5Q2J HL5YI I2KBD UA0SE	1394 PY2DY TF5B W1DAR		1376 EA2BFM GI4OWA JA2LHG N0YO NA2R ND7K ON6ZV RA3CO
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1406 I0EKY N4VN N5TF W6DPD			1381 AE0MO DK3TL JA2LWD KK4XL	
1405 F5IYJ JN4FNZ K6XJ LB5GI N1WON N8HO NF7D WN7S	1398 K0SQ	1389 DL6KWU I5YDO K5LC ON4CCN	1380 KB9LIE NR8Z W4DWS	1373 K1TWF KO6LU N7WI W2PS W4TNX
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XE2B	WA8LOW	K5HTE	1348	WB2GOK
1371	1363	K9SUH	AA7UN	WD9Q
EI5KO	9A3NM	TF3SG	AK3E	1341
JH8LEY	CU3HY	1355	JA1ITJ	CU2AF
K3JWI	DJ8SN	HL3EHK	1347	JS2GFA
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1369	1362	IT9JPS	1346	7L3SQL
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G3VAO	1361	W3DVY	W7XZ	HB9PUE
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SV2DSJ	N0LD	KA1API	IZ3GOO	KP4DKE
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HB9BEM	1360	W1RH	N5KA	KD4OS
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PY2HH	1359	KD5R	WX2CX	IW1PUR
1365	I4UUL	1350	1343	K6DJ
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HB9ODP	WA1NXC	EW4A	AC6DD	AB5YI
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EA1NK	JA1VRY	KK8X	W6HYI	DM1HR
G4ZWY	K4RM	W4ATL	1342	I1SOP
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JA2CGH	1356	EI5JL	HK6P	WY4I
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N3KR	JA7OBO	N3AF	JF1JTQ	JH1OVY
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			W6VNR	

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1330 DL3ANK EA4S JR2ATZ K3LA N2MEE NI3K OH3TY W4WIN	1323 EA7LS WO7V	1316 AB2DP EI7GY GM0VIT JF7NNI K2JK K4IU M0MCV WA2QAU	1309 K1WY K8ARY NJ0F UB3A W1JMM YV5JGO	1301 AA4MM M0OIA OK2RZ
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		1313 AG5CN JA1DCO JH2PWM	1306 AI2S BH4SYG CT1FJK DJ4PT HB9FAX IK8MRD W2FB W5UQ	1298 CT3BD N2SG N9OF UA3GT UT3KW YB1AYO

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1254 EW1LM KE5MMT W2FS	1246 AB6BT DJ9BX I2XIP N0VD N5JEY W1ECS WA8EQP	1239 CE3CT DL5MM N9EAJ SQ8J W4MPY W8YV	1232 JE4RAL JS2KWL K3CWF SM6CGI WB6AXD	1225 AI0Y AK4PR
1253 EA4XT JH8CFZ KR4DA OH1LAR PY5VC	1245 9J2BS K2SZ K6EI KH6XT KQ5U N7RP VA3NXM	1238 4X1VF AD8NQ DL7BO LZ1XL VR2PX	1231 G3YSX IK8PGE JA1PLT	1224 AB4FH JH4ADF K0KV NX4D
1252 AB9KZ K0KO				

OK1UU	NY7T W1MO	1207 DJ3CQ JJ1REU JL1MWI K1QN NS4F	GM4KHE K2GW ND0C/QRP ON6MX	R5AA W9KB
1223 AE9DX EI7JZ JA1CPU JM1CMA K9IA W4DSM	1214 EA4EJP JA0BES JL1JVT K6VVA K7HV N5RZ VE3GYL WB9IWN	1206 ES2IPA K7SO KL2R W4UR W5SV	1199 EI9E JA0TEA KF3N N2ZL N3RR N9XG WE2K	1193 DL9SAD EA5FCW IK5IFH K7QA OH2BC WB3AVD
1222 EA7/LA9DL W5RY YO8PS	1213 AA5H G0OSK JH4GNE JH8JWF JI1BJB N9FH S57TA SM7WVZ VE4GV W4NK	1205 CT1END GM7NZI	1198 IW0AGX JI1FXS KA5VFU PU2POP	1192 AJ4HW DJ0IF IW1CAB JF2QNM K10KN NC6K VK3EUZ
1221 HB9TWU JA1QVR JA3AOP KF8HR OE7FWJ PR7AB	1212 AA2IL DJ0AH F5VML JO1QNO UU2JQ W0MAN W1UU	1204 G3CWW JA0GZZ JR4PMX N6DW OH7LZB SP6MAA ZS6RJ	1197 DS4DBF HB9ACC K4GM K4OP KB7QFE N4TZ NW6V RU0A	1191 DL8OK LU9DO NZ3M OZ9GA W0SA W7VP
1220 HA3OU KJ9B OH2TA WA1HEW ZL3NB	1211 I4FTU IZ3KNK K3XC OH3KAV WX0Y	1203 JF7DZA JH8DBJ KA7CVJ N4WMB ON4AGX SP1NEN	1196 DL1ECG EW3CW GM5YTT JA6WIF JE2RBK JK1BIB W3ATV W4CIR WA8IQF WB4M	1190 DD1JN EA6BB HL2FDW IV3BBR K8ESQ W1BYH YT7T
1219 CU3HN KQ9J WA4TMJ	1210 G0FWX JA4ONP JL4BSE LA1CO N6XG	1202 IK2ULM IW4EII JE7LHT K2RSK N8WD WA4YYM WP4CQ	1195 JA7FSB K6UIP KE2M LA8PDA LU5OM UN8GA W2ZQ	1189 AA9AA AF3K G4YCS K8TS
1218 AD6DK JE6AVT K4VZ SM3OMO	1209 DF7GG EA5BD N6MA OK2FB	1201 5P5Q IS0/YO3RA JR6PGB KV8P PW7T W4GH W6CN W7RN WA1FXK	1194 JF3VEC K2RKJ N6VI N8DC R2ARR	1188 JG6CDH K9XR KO1H N3HYB N9ATF NT9E RW5CW SP3UY
1217 EA5IAG VK7ZE W0VD YB0EIN	1208 KD4EE KN4OK			1187 G3EKJ JF1QQK KL7NW
1216 DF2QC HI3R N2WM W4BH WF4B				
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SP2DW	JA2QPY	1174	NE1RD	F1OBJ
1186	JR1KBJ	F5NNN	NT5O	F6FFR
CT1EPJ	K0AFN	IK6CAC	ZS6NK	K0FD
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AB1QB	N5WNG	W4SKW	IK2GAO	N6TV
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JA9LSZ	1179	1173	K4CSB	RA3LAL
K0XM	EA2RY	DJ3GW	N8IK	S51DD
N5YY	IU4CHE	DJ3XD	NA4CW	1158
N6KJ	KQ5S	GM0NAI	1166	DD9WG
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DL6ZBN	UA3NFI	JF1KIG	F8EZE	JA3AAW
HA8FW	UA6FZ	KB9S	JA8WGX	JA3VUI
JH8BOE	W4GHW	VE3FAC	W5CWQ	JH1BUO
JR6LDE	1178	VU2DED	1165	J11SVY
K4JGR	4F3BZ	1172	CT7AKW	JJ1IRS
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LU2DX	AC6T	JA4BUA	PA5CW	K6SY
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F8AMV	KT5V	W2FDJ	W4DFU	WA7YAZ
IS0EBO	NR0Q	1171	1164	1157
K4RP	WA6QGH	6K5AQY	JA2CKK	A71XX
LA2GCA	1177	AC0DQ	JR1FHP	DH5JG
N2RD	IK6IJF	DG5DBT	OZ9U	DK1AX
N8WXQ	JH1EIG	JA1DIO	1163	F5VMN
VE3VGI	KC3AK	KA3S	EA3HSO	JA5CDL
W7LEA	KI0HA	W4ASE	HL5FEI	JA7GDU
W9FXA	WO5D	WU7X	JA3EUB	JH1BHW
WA9MAG	1176	ZL2LW	N3PV	K6OJ
WI9WI	CT1DIZ	1170	N7FF	K6VHF
YO9FLD	DL0IV	IW2CAM	NI8Z	KS8W
1182	IK2WSO	K3SW	VE3NJC	WD1M
HB9EBM	IZ3XEF	KK5J	W9FF	WU2G
KI5T	JA4DEY	LZ1CY	YO4NA	ZL3REX
N5KUC	OZ1DSD	N2YF	1162	1156
WA3WNT	VE7ON	NS0Q	DL9GOA	AA1BS
WM5H	W4HVV	PA2R	IZ8EYN	F6BLP
1181	W9LQI	WN0L	YO9GJY	K1VSJ
HR5/F2JD	1175	1169	1161	K3WJV
K4RMM	CU7AJ	7N4OBV	AA4OC	KM8V
K9BQL	DL7XU	ES4AW	KN6ZZI	PH7A
N5RN	JH3EQP	JE2VYM	N7GVV	1155
N9IXD	JH8LLE	JS6SCC	UN2G	K6ASK
SM0BSO	LA1J	K2FJ	W7BJN	K7JY
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1180	N8QGC	VE3XB	AG5Z	SP7ASZ
G8APB	NT5A	1168	DM1DK	W4RS
IK6DEN	W6NK	IK4RQJ		WA1NLG
		IZ0GKB		

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1153 EA1WH IT9YOZ IZ0LNP JA1ILA JE3CYW KD8FO N1FOJ VA3YP	1146 DF3VG LA3DV NG3J ON7LX R0SR WA7AVL	1140 DL1DH K1BG N9RE NW8U WQ5C	1134 IK0UUM IK6CGO JF2ERJ K4ODL KO1I N3GS VE3KKB W7VV W9HZ	1128 AK4AO DS5JMG JG8NKJ K7KJ KB8DID NR5O W4MC
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				1066 AC7JM IT9RWB K1TO OK1DO ON6LY

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	K2TTM	LU7HF	JA1CCG	K2RAS
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K3OK	N3JON	W5EW	K6DLB	KB3HHA
N5XUS	N8YQX	W9KM	KB7AZ	KB7PKC
OH1HAQ	RN4AM	WA3KVN	KB8YTD	KD0BQS
W0OVM	VE3MDX	WE3J	KF0QS	KZ5D
WW6G	W9EBO		KG4URP	LA9DL
	WA0GOZ	1003	KO3F	N2YU
1010	WF5W	AE4S	KW1X	N4GRC
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K4EZY	JK1OTP	LA4HC	VA2KI	NA9J
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9M8DEN	RW4NJ	1002		RM6LW
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R3TKM	GI4SJQ	KB9REV	DB9CR	W5GOL
WD9FLI	JN3XEZ	KJ7KOJ	DL1DV	W7GF
WM5DX	K5FO	KX7L	E25KAE	W8GJK
	KR9A	N1AH	EA3AGY	WF5I
1008	N3EEN	N2UO	EA3HPX	WI2E
9A1CZZ	N6MM	N4WOT	EA4EQD	YB2TJV
EI2IP	NJ6K	N4XC	HB9ARK	YO5QAW
HB9MZI	PA3AIN	N8KOJ	HB9CAT	
JG4GZK	UA9AM	SV3AGT	HI3I	
K9CHP	UT9LC	VK4ZP	HS8KAY	
RA9SAS	W6DOE	W6JH	IK6TOT	
SM0DGW		W9CY	IK8NIM	
W3GP	1004	WX4B	JA0RWF	
W3LJ	CX9AU	YB1MIG	JA1VZO	
W6LJS	DL5FAC		JA1WIO	
W9VOB	GM0SCA	1001	JA2KAK	
WB5KSD	JQ2NBX	DB2WD	JA7LOT	
WX2K	K0AIZ	DG9NAJ	JA9KA	
XE1V	K4LD	DH2ID	JE2DOD	
	K7UW	EA1BP	JF3KOA	
	K8JRM	HB9GZE	JG1EBU	