

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 13 Apr 2026, 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.

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| 3304 EA8AK | 3224 OH2BU | 3203 UT5UGR | 3184 W9ZR | 3162 JH4UYB | 3147 OE3GCU |
| 3299 HA0DU | 3223 OZ1LO | 3202 DJ6RX IK1GPG K8MFO | 3183 I4EWH IK4DRY | 3161 CT1EKY JA4LKB S58T | 3146 K4CIA |
| 3264 LZ2DF | 3222 DJ9KG | 3199 DL4MCF | 3181 SM3GSK | 3160 PY2XB | 3145 UR0MC |
| 3262 CT1EEB | 3221 IK4WMA OH3SR | 3197 EA6SX F6BKI GM3POI UX0UN | 3180 JA4DND | 3158 JR3IIR PA3FQA SP3EPK | 3144 GM3YTS |
| 3258 SP5EWY | 3220 PE5T | 3192 OH1XX W3UR | 3178 W3LPL WB9Z | 3157 9A2AA | 3143 K2TQC |
| 3254 4X4DK | 3215 N1DG | 3191 W1NG | 3172 SV8CS | 3156 9A7V | 3142 DL7VEE EY8MM I2AOX |
| 3251 S50A | 3212 KJ9I | 3189 K5UR | 3169 OG2M | 3155 HB9BGV SV1FJA | 3141 N0TB |
| 3250 JA1BK | 3210 I4AVG | 3188 CT1APE K5RK OE6IMD | 3168 NN4T | 3154 SP3E | 3140 N4CC |
| 3249 UT7QF | 3207 G4BWP | 3187 W1JR | 3167 K5NA* SM6CVX | 3152 G3KMA JA5AUC | 3138 DJ2BW* OZ1BTE |
| 3246 DF3CB | 3206 G0JHC N4WW | 3185 JH4IFF | 3166 JA5EXW | 3150 OH1ND | 3135 WD5COV |
| 3239 I4EAT* | 3205 YU1FW | | 3165 N3XX | | 3134 IK4GME |
| 3229 K4PI | 3204 IK4MGP W4DR | | 3163 SM0AJU | 3148 IZ0AEG JA3FYC | 3133 I5NPH NJ6P |

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| SM3EVR | 3113 OH1MA SP7VC | 3091 K3UA | 3070 YO9HP | 3051 JR7VHZ OE6MDF | W4PK |
| 3131 DF3GY IK6DLK JQ3DUE | 3112 F6AOJ | 3090 SV1RK YO5BRZ | 3068 N0XA W8UVZ | 3050 EI7BA K2FF VE1YX | 3036 AA6YQ IK2YCW JA0DAI JA2FBY W9RPM |
| 3130 SM3NRY VE3EJ | 3111 GM3GAV ON4IQ SM5CEU SP2FAX SP9DWT | 3089 HB9BIN N4BAA | 3067 K4XP N4RJ | 3049 OH1LEU | 3035 KY7M |
| 3129 IK5HHA UT3UA | 3109 ON4AOI | 3088 KD5M | 3066 JH2FXK NR1R S51DI | 3048 HB9AMO | 3034 9A8A I4LCK |
| 3128 F6GCP JA2JPA JE6KYA | 3108 K9QVB* | 3087 IK6FWJ KF2O | 3063 N4JJ* | 3047 G4PWA JG1ULJ | 3033 JA5AQC K4SO N2LT UB7K |
| 3126 SM6CMU | 3105 IZ1ANU JG3QZN | 3086 OE2VEL UT9FJ | 3062 K4MQG K9CT | 3046 HA5WA JA2WYN UT7UJ | 3032 SP8NR UY5ZZ |
| 3125 IK8HJC JF2MBF | 3104 JH1GZE | 3085 DK5PR | 3061 G0DQS N8RR SM5KNV SP1S | 3045 N5KD | 3031 G3TXF JR3GWZ N2TK SP3CFM |
| 3124 EA3A | 3103 G3XTT | 3084 OE1WEU SP5CJQ | 3060 G3ZSS K1CP | 3044 DL1AMQ | 3030 F5UKW |
| 3123 G4CCZ W4DXX | 3102 N9IW S59Z SM5AQD | 3081 9A2EU SP6CIK VK4MA | 3057 DK5WL F5II | 3043 JA5MHD | 3029 OH2BCK W4TO |
| 3120 JA4LXY VA3DX W3YX | 3100 IK4CIE | 3080 9A1CCY | 3056 UX0FF | 3042 JA1UQP K5XI | 3028 JA7QVI SM6CCO T77C |
| 3119 OK3GU | 3099 AA1V LY2IJ | 3078 N3SL | 3055 US5WE W2YC | 3041 F6EXV HA8IE OE2LCM W5OZI | 3027 KW9A |
| 3118 AA7A N8DX | 3097 W5ZN | 3077 DF4PL | 3054 JA1HGY K0KX K8PT N6AR OH5KW | 3040 AG9S DJ2YA SP5DIR | 3026 I5KKW |
| 3117 I0WDX N2QT PA0WRS | 3095 JA2VPO W0BV | 3075 K4DY SP9FKQ* | 3074 UX1UA | 3039 WK3N | 3025 N4CH N7NR |
| 3114 EA5BM | 3093 W7UT YO3APJ | 3071 SL0ZG | 3053 JR6EZE | 3038 AA1QD | |

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| 3024 DL5DSM F6BEE JF3KON LA5IIA SM5DJZ* | 3012 N5DG UA4CC | 3000 5B4AGN DJ4AX EU7A JA7MSQ JH4ADV K1ZZ K9EL MD0CCE OK6DJ SP3DV | N4KG* | UR5WA | 2955 JH1TWT JH2UVL |
| 3023 KX4R | 3011 DJ8NK IZ1LBG | 3008 IZ4BEZ* | 2983 JA1XEC W1GL | 2967 W0VTT | 2954 JL1SAM N8PR SP8AJK |
| 3022 DL2OE OE5KE | 3010 F5NBU K8SIX | 2999 N2NL WP4U | 2982 K5KC | 2966 AD5A JA0CRI | 2953 I8IGS K9RX |
| 3021 CT1IUA | 3008 JA2JW RW2A | 2998 K4UTE | 2981 JA0EOK | 2965 DK1FW K3FN K4SV | 2952 K5BG |
| 3020 R7LV W3CC | 3007 SP2GJV W4UM | 2997 DJ5FI KV7K | 2980 JJ2LPV N4XM | 2964 DJ0MDR | 2950 PY5EW |
| 3019 9A2NO JJ3PRT N0AT S53R | 3006 UT7UW | 2996 VE3XN W4VQ | 2979 N2WK | 2963 IK5MEN | 2949 K0EU N7RT NK1K OK1MP* W1TSP |
| 3018 IV3ODE JA3EMU | 3005 AA4V* | 2995 NI0G | 2977 IK6SNR IZ8FWN JA0FSB K5ESW | 2962 K4MWB NO8D OZ1AXG YV1DIG | 2948 HB9BZA SP3RBG* |
| 3017 F6DAY SP7GAQ | 3004 EA1DR IV3JVJ JH0INP | 2994 JH1HGC K0IEA | 2976 DK2LO EA5RM IK4DRR | 2961 OH3BU W7AO WA7NB | 2947 K0SR K1UO W3GH* YU3AA |
| 3016 R4GM W1YY | 3003 9A5CY PY2BW | 2992 DL7MAE EA3GP K1HTV | 2974 CT4NH OZ3PZ | 2960 K2UO | 2946 IK6GPZ RA3DX |
| 3015 G4OBK N3NT | 3002 JA0UUA JA6BZI K5EJ | 2991 JA2JNA | 2973 N5ZM WX4G | 2959 EA6VQ K4IQJ UA3AKO W3KX | 2944 K1ST |
| 3014 EA6NB K5DU UA4HBW UT5JAJ | 3001 FK8CP G3SJX JF1PUW KA9CFD N4II N6JV US4EX UT1UY VE2TZT | 2989 W3LL | 2972 JH1IFS | 2958 JA1SYY JA9CHI N4HU | 2943 JA2DPC WB6RSE |
| 3013 IW1ARB SM6DHF W3DF | 2988 DF2UU N4MM RA3CQ | 2986 HA5AGS K4QL | 2971 IZ8FFA JA2IVK UA6A W9IXX | 2957 9A3SM | 2941 K8FL N4JF |
| | | | 2970 K4XO UX1AA | 2956 AB3CV RZ3AM | 2940 JF8QNF |
| | | | 2969 K5EK | | |

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|---|---|--|--|---|--|
| OZ4O | 2923 K2UU N9US OE5NNN | 2911 CT1ILT JO7WXN | 2900 9A2F IK0XBX IV3YYK JA1ADT JA2ZL JR3VXR OK1CF SP9JZU W4DKS | N8JV RA4CC | 2874 JI4POR |
| 2938 HB9RG N8TR OZ8BZ UA3AB W6XA | 2922 JA2NDQ K1AR SP3IBS | 2910 AA1ON K3UL | | 2887 JH4JNG W9RN | 2873 E72A JA9FPI W1ECT |
| 2937 AC4G | 2921 K9ZO W5XX | 2909 JA0GJJ | | 2886 K6ND SP3CGK | 2872 IZ5DKJ JA8EAT K8ZTT |
| 2935 K9NW R3OK | 2920 W8AV | 2908 9A1HBC HA1RW JE2LUN RW5C SP9ODY | 2899 K4UEE* LA7HJA | 2885 W1RM | 2871 JA2BDR JA9LJS |
| 2932 EA1DFP | 2919 DL1DUL K9NU LZ2JE | 2907 DL1EJA OH3JR R5AJ | 2897 OZ1CTK | 2884 JE8BKW NE1B R7AA | 2870 EA1YO ZS4TX |
| 2931 F2JD JA3PIS | 2918 K4CN | 2906 CT1FMX EA3JL UA3TCJ W6UB | 2896 KG7H | 2883 EA7TV | 2869 JA2LCP JA2XYO JI2KXK JN7FAH SP6HEQ VE3FF |
| 2930 N4QS OH1TV OH5VT VE3LYC | 2917 IZ1BII JL1RUC | | 2895 RV3LO | 2882 JA7JWF SM3VAC UX4UA* | |
| 2929 EA4KD HK3W | 2916 RU3FM | 2905 I1JQJ IK0MHR K5MC PY5HOT WB4OSS W18A | 2894 RJ3AA RW0LT | 2881 N5TY* | 2868 AB4IQ JF2XGF N8BM* |
| 2928 DJ4PI IK5ACO JA2FJP RA7A | 2915 K9YY N4PQX | | 2893 PY5EG | 2880 K0KT SV1CNS | 2867 JA3RAR |
| 2926 DM5EE UA4CR | 2914 OM3DX RK4FD W2IRT | 2904 W3NO | 2892 K3WW LA7JO N4NX | 2879 G3LZQ JA5IU KG4W LA5HE NQ1K SP6CZ | 2866 KN4F |
| 2925 G0OIL I3BUI JA6LCJ N5AW S54E | 2913 EA5BY I1EIS OE8RT ON4CD SM6CNN | 2903 JA1ANR JF4VZT K2PLF* RY9C | 2891 W4FC YO7LCB | 2877 JR3OEH | 2865 K4ZYU N4DB UA3DPM |
| 2924 JH1RFR K4HB | 2912 JH1ECG W1CU | 2902 K3KO* | 2890 K1DG RZ1OA | 2876 IK5DNF SM6CTQ | 2864 A45XR OH2BLD |
| | | 2901 JL1UXH LA4GHA W0MHK | 2889 EA1N JR4OZR K3WC SM5CZQ | 2875 JA9APS | 2863 4Z5CX DJ5AV JA8DNV |
| | | | 2888 EA7R K4HGX | | |

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| K10A | JR2LJO RY7G | 2837 DL6ATM VE1DX W9OP | 2824 AB6QM IK1WGX JA4MRL JE2URF RZ3DX W2SM | WP4G | 2800 IK0PEA JA2VQF JA6VQA JA9PPC OH6RX RU3QR W5XC |
| 2862 IK0FVC R3AW | 2848 JR7BDQ N5UR | 2835 EA6ET SP1MGM UA1OIZ UT2UB | 2823 AI9L | 2812 9A4T HA0UZ K7ZV | 2799 I7CSB |
| 2860 IT9JNR LB8DC SM6DHU UW5ZM | 2847 JA1SJV N2TU* | 2834 R7FK* R7NW SM3NXS VE3EXY | 2822 IK0FUX LA3MHA W6OAT | 2810 DK3DG JA4PXC JA9TWN N4DW WB9CIF | 2798 HB9DHK SP7HOV SV1JG |
| 2859 HL3IUA JA1EOD | 2846 DK2NG IK1YED IW0HEX JN1BMX K3WA KF0QR R7DX | 2833 9A2JK K5KLA W9AJ | 2821 IU7QBB JO1WKO N4AH SP6DNZ UA0ZC | 2809 AG4W DL6KR | 2796 K6FG |
| 2858 9A2NA ON4GG | 2845 R9FM WA4FFW | 2832 DL4CF K5ZK N0AV | 2820 4Z5MU I4MKN | 2808 F6HDH WE9R | 2794 IK4PLW |
| 2857 JA4FKX UA6MF | 2844 JA9RRH SM4EMO UA4LY | 2830 I1FQH K9EU UA3AP | 2819 N9AU* SV1AVD | 2807 JS3CTQ W9XY | 2793 RA3DA |
| 2856 HB9DDO JF2UPM SM2OAN | 2843 G4IRN JE1SYN JF1WPB K9US LA7AFA W8GC | 2829 DJ9HX IZ8VYU N5OK W7DO | 2818 I6FLD | 2806 G3SNN JA1DUH JS2LHI NM6V W2LO | 2792 JH3CUL SM0CCM |
| 2855 AJ6T NY0V OE1ZL UR5EDX | 2840 KC7V | 2828 IK2QPR WA5VGI | 2817 DL5AN JH1NYM RU6B S52F SP3QDM | 2805 5B4MF HA9PP K6TA* | 2791 K1GG VE7IG* |
| 2854 JR1XIS | 2839 K0DEQ K2VV OK2ZU | 2827 DF2RG | 2815 9H1SP HB9ALO IT9DSZ RL9F SV1DPI | 2804 VA5DX | 2789 F5PAC HA1RB IK4HLU VE3DZ |
| 2852 HB9HFN JE2LPC W5TCX | 2838 AA5AM KC6AWX* SP3FAR W1DIG W8OI | 2826 AA4HP W0UO WA2VYA | 2814 JA5XAE | 2803 EA3WD IK4ADE SP3CJS | 2788 AB9V N5ORT |
| 2851 F4BKV | | 2825 K5XX | 2813 DL5WW | | 2787 HB0CC KN5O VE3BW W9MU |
| 2850 DF6PB DK6WA W1TC | | | | 2802 K7NN KA9FOX MM0EAX UA3LAR | 2785 K0JGH |
| 2849 IK7NXM | | | | | |

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| 2784 K3PA K5AQ K9XD W7KNT | 2771 K2CL PA3C RU3DX UA3AGW UR5MID | 2756 RV3FT UN7JX | 2745 JR1BAS W2LK | 2732 NA5C UT8IO W7OM | NS4C |
| 2783 G0BLB N5FG | 2766 G0BNR HA7TM PY7DJ WA2WSX | 2755 SP6CES | 2744 JR6FC K8AC RA3XDX | 2731 DJ9ON EA8JF | 2721 DL9GFB JF7XKY W9XX |
| 2782 G4IYY N5XZ SM6BZV | 2765 W1YM | 2754 JA1SVP JH3VWN K9MK RA1QY | 2742 DL5ME K1BD | 2730 K1NU SM5JE* SP9RCL | 2720 CT3MD ON4IZ UX3IW |
| 2781 DK0PM R5DT RN3QN | 2764 AI0O JA4DLP JA4OK JA9NLE K2RW | 2753 F6FXU | 2741 AD1C CU2DX JA1KQX K7BG US0KW W5ADD | 2729 DK2JX K5UO SP2BMX WB4TDH | 2719 F5CQ N7RO PY4OY |
| 2780 CT1GFK N7US PA3EWP | 2763 DF3UB K3RA RA0FF | 2752 CT1BOL N2BJ R3VA SM4DDE | 2740 G4PTJ | 2728 G5LP JJ3HGJ | 2718 JE1LFX N9FN OE6DK WX2S |
| 2779 K5RT NI6T W6SR | 2762 DJ9VA | 2751 JG0CQK RD3K UA4HAU | 2738 HB9DDZ WX1S | 2727 EA2IA EI6FR JA3AZD OZ1ADL WB3AVN | 2717 SP5IWA W5AJ |
| 2778 JA6CRP NN4X | 2761 I4KDJ JA4EPE | 2750 AJ9C CT1FCX DL6MRS HB9TKS JA5NLN JH7RXU K6XT N8DJX | 2737 JA3GN UT7UV | 2726 LA5LJA RX4HZ | 2716 DL7BA JA1XCZ K7PI UA9FAR UN6T W8HW |
| 2777 DK5AD JE1FQV W0YG W1FJ | 2760 KZ2I NV9L UN5J | 2749 K5GKC | 2736 K4WA PE1L W8HC | 2725 CU2AP EA8AKN JA3ENN JF0EHX ZS1LS | 2715 IK2OVC SP6TRX |
| 2776 JK1EXO K8GG | 2759 AA8CH ZS6EZ | 2748 JF1UVJ VA2WA W6RLL | 2735 AA5C HB9AUS K8NVR KB8VAO W0DJC WT8C | 2724 JA3FGJ JA5WIZ PY2YP | 2714 JA6WJL JE3ENP JI8DGO JR7WFC NX7U RA3QK W0FLS |
| 2775 JA7KY | 2758 PY2SP SV1BTK | 2747 E72U KB0EO N6ET | 2734 G4GIR S52DD W6YI | 2723 SM5FUG W1MK | 2713 JA8RJE OK2QA UA0CW |
| 2774 JH3VNC | 2757 KK2I SV2AEL | 2746 KP2A UY5AA | 2733 JA2KVD | 2722 AH7C | |
| 2772 K6KLY | | | | | |

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| 2711 IZ3ENH JE3GRQ K3JGJ | JE2EHP | 2689 W2KKZ W6VX | W9NGA | 2659 K8BCK KZ4V LA9AJA | IV3IZU WB8BPU |
| 2710 EA3BS F5HNQ | 2701 HB9SLO JN1RQV OE3EVA R6AF | 2688 9K2OD JA0DIN JA0IXW OH2FT | 2672 G3VKW K4TT | 2658 DF2GH IV3RAV JA2ATE ON4ON UW2ZM W4QN | 2650 N1NK RA3S |
| 2709 JH1QAX R9TO W8TN WB0TEV WN6W | 2700 DJ9ZB K0BBC N9LB RA9CMO YS1RR | 2687 W3AP | 2671 I0DJV* JE7JDL WA3C | 2657 N3MN NN4R | 2649 AD5Q N5LZ |
| 2708 9A5X CT1BH G4OWT JH4ALY SP9UPH | 2699 IZ8XQC K8WK UT4MF YU1CC | 2686 4Z4DX KD6WW RM0F | 2670 DL3ZA JA5FBZ K6RO R8TX YL2MU | 2656 DL5CW K0JY NS6C WA9PIE | 2648 OE3SGU WA0MHJ |
| 2707 DM2DXA G4WFQ JA1WSK JH1HHC | 2698 DL1DUO K8GI | 2684 EC3A W5CIA | 2667 GM3PPE JR2UBS K9MM | 2647 KS1J RN3OG | 2646 JN1GTG K6SIK |
| 2706 JH7XRG JI1LET RW3RN | 2697 JH0GHZ K1KD KJ3L | 2681 IK3XJP | 2665 WA8WV | 2655 HB9LCW JH8RZJ N4RWG UA3TT | 2645 K0TT W3JX |
| 2705 9A2X BA4RF IW0SAF OE5RLM WA2HZO | 2696 W2PK YB5QZ | 2679 EW2A JE1BMJ N7KA RA1QD | 2664 K4SE W4TV | 2654 DL4SZB LA7GIA SM0NJO SM6NOC W8DCH | 2644 JJ1DWT K5VIP LA3WAA N1IBM SM6CUK |
| 2704 IK8YTA K0JUH | 2695 W5FKX | 2678 DF2IS K6AM | 2663 I5ZGQ IZ3GOG OE4PWW | 2653 JA3APL JA5FDJ N1SV | 2643 LU3CQ |
| 2703 DL1YD K8EUR KA1R SP6M | 2694 OH4SS | 2677 IK4BHO K0KVR W4BP | 2662 JA9CHJ JE2OVG | 2652 AF9H K1USA K4XD LA8PT SK3PY UT5EL W5LT | 2642 N7XR OE5FIN W9BF |
| 2702 JE2DZC | 2693 W0AW | 2676 IZ0RVI K9IR | 2661 JE6TSP JG3IWL W9ILY | 2641 CT1FPQ K8TL OE1WHC PA1CW W2YJ | 2640 DK2GZ DL6ZXG JA2AHH |
| | 2691 WE7K | 2675 K2EP KE9ET | 2660 DJ4XA JA7MFL RW4NN | | |
| | 2690 KG9N OE1AZS SP7ITB VE6WQ W1SKU | 2674 W7CT | 2673 N4TL | | |

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| 2638 CX6VM JA2CXF RW3XZ SV3DCX W2JU | N8LJ NT0V* | 2618 DL6CNG K7BV* W2QO | JA2EPW KI5BLU VK3QI | 2598 JM1XCW K5WK N1RR | JH4GJR K6EME K8ROX W3RJW |
| 2637 G3SVD UA0FZ UN7LZ | 2629 HL2WA W4OX WO2T | 2617 JH0BQX K4JJW K4WS S52OT | 2607 JA1IOA KU0A | 2597 JA2TBS JA7BWT JI1DHY | 2585 OM4EX |
| 2636 EA5GPQ K1LPS K8VFN N8KOL ON6AA WJ4T* | 2628 IT9ELD K2SHZ KF8UN PY2XU RD3AW WA1JMP | 2616 G3ZQH KE8UN | 2606 HB9CZR LA9VFA | 2596 IK0HFO K8IU | 2584 JM1CYJ K4ZO |
| 2635 JA1IZZ | 2627 G3WPH RW4C | 2615 KD0Q | 2605 9A4W IK5MDF JA4ITW JK1GOK PY2KP | 2595 JA3APU NX0I W3GQ | 2583 N4QQ |
| 2634 EI2GLB I5HOR JA7IC JA7LGE K1DT K4EM N7IR S57AC WC5N | 2625 JH1BZJ | 2614 DL1DA JA1WSX SP6EQZ WS9V | 2604 DK9KX DS1JFY JA1GHH JE1PNX W3OA | 2594 AA4R EA1CP IT9PKO | 2582 G3NDC JR4DSM |
| 2633 HB9CQK JH1AGU K6GXO N8OC NU8Z W6XK | 2624 DF9ZW JG4AKL KM1D | 2613 DL2FAG IK8GYS KK9DX | 2603 I8JIT K4XI W7BEM W8KEN | 2593 K1RO W6RW | 2581 IZ5JMZ K8YTO N8PW VE3MWX W9YSX |
| 2632 K5LJ | 2623 N9RS | 2612 N5GH RL3FA | 2602 DL2KQ JA7JI KE4YD KG8P | 2592 JK1OPL | 2580 IZ4AIK JA2XCR JA9CWJ |
| 2631 9A1CAL JK1KSB K0CA* RX3AGD | 2622 RA3ZH RZ4FO W4FQT | 2611 DL3OH K2LS K7WP KM4H OH9MDV W1KSZ WB5JID | 2601 AA6AA JA1GRM K7XB | 2590 9A4WY KQ8M RW7M W5VY | 2579 JA2FGL UA0SR |
| 2630 HB9CEX | 2621 DF9KF JH6QFJ JM1FHL SV5DKL W4WM | 2610 K6YUI NF9V W8TWA | 2600 IK5PWQ IT9XTP RC9F W7WM WX0V | 2589 IK0LNN JQ6RUP JR1GJP K1LD RW0CF | 2578 W6NWS |
| | 2620 AA5AU AJ3K JA9FAI S52D | | 2599 CT1EAV W9FR | 2588 N2TN NC9T | 2577 AA5AT IK5BAF IZ8DFO JA3RQ JA5BEN WA3AFS WB8ZRL |
| | 2619 JA1VSL N6ED ND0N | 2609 JH4HMG WD8JJA | | 2587 DK8MCT EI9JF IW0HQE JA7MA | 2576 JF6WTY SP9QMP* W0EWM* XE1KK |

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| 2575 JR9OPJ N3KK | W4CK W5BPT | 2555 CT3HF JA1WPX JR7FRW OZ1HX | 2544 IZ5EKV LU8EKC | 2533 CT1APN | N3RC W2GG |
| 2573 JH3AIU SP8FNA | 2563 9K2HN UA6EX | 2554 IT9DAA W3BW WW3S | 2543 JH1BNC JI4WAO K3FRK K7ZA | 2532 IZ2AMW N5KO N6RV | 2524 JA1RTX JH1EEB OH1XT XE2CQ |
| 2572 SK0TM W2XI | 2562 JA9AGN PY2NQ R9AB | 2553 9K2GR W1YW | 2542 K2KA OH6JD W7LR | 2531 JA1ELY UA6YW | 2523 G8DX UN7TW |
| 2571 DL5EBE | 2561 EA1EAU G3KWK IK0AGU JA1NWD K6FW W1YIF W9OL | 2552 EA5CRC OE8HIK SP3SLA | 2541 JF1KKV SP3PLD W3DRY | 2530 AA4SC K5VWW K5WAF W7AL | 2522 K1HT VK3HJ |
| 2570 EA3NP JA1CLW K6EID N5AO W6PJ | 2560 K1ZN K3JT | 2551 JH1OAI LA5YJ UA9FGR | 2540 EI9FBB JA4DEN JN7DOS W7YAAQ | 2529 JR2PMT K8QM RA3WDK UA1OMS WO2N | 2521 WQ3X |
| 2569 F3SG HB9RYZ NN4SS RU6L YO2RR | 2559 LA3BO | 2550 OH2IS | 2538 JM2RUV K2NV N9RD SV1LK | 2528 IK5CBE JA0VSH JA1FQI K3XA K9JF N4LR W6ENZ W8RLS | 2520 K4MS KQ4AV N4HB RA4CA |
| 2568 KI0KB | 2558 DL9MRF HL3GOB JA1QOA SM6BGG WB9EEE | 2549 DL5CF PC3T SK7AX W6QUV | 2537 AD6W JH0INE UW8SM WO7R | 2519 N4GN RG5A RZ6BS | 2518 W4WT |
| 2567 JF1NZW OH1NX PY5CC SV2BFN | 2557 DK3WW JA8EJO K0BJ KD0PO KD3CQ S55DX UY5BC WA2BCK | 2548 EA1AF OH2ZZ SP1JRF | 2536 K0RS | 2517 K9MBQ N9RC W1AIM W1OX | 2516 CT1CJJ EA3E IK2SGB YV5NWG |
| 2566 JA2VMU JG3LGD RN9N W0VX | 2556 DL1KUR IW2FND LA0FA PA5TT W4VIC | 2547 JA0DET YV5JBI | 2535 KB1EFS KM4HI LA2PA N9ISN OH1ZK WA6YEE | 2515 JA0EIJ JA3KGF K3NK SP6A VA3LX W0LS | |
| 2565 DL5XJ HK4SAN IK5RUN JA9NFO | | 2546 JF2WGN VE3RA W7MO | 2534 DL2CHN IV3GOW SM4AZQ | 2527 4Z5AV IT9CVO IZ4GWE JA1ALT JA6BJV KA8SYV | |
| 2564 ER3DX VE3CFK | | 2545 EA3BT I0JBL | | 2526 IK2OHG JA1LSP N6VR | |
| | | | | 2525 I8SAT JG8FWH JH1QDB K2PK | |

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| WB8ZRV | 2507 HB9FMN N1LN RU6M W6BJH | KT8X RV1CC SP9WZS W5ZG | JA7LMZ RZ3FW S51U | JR6LLN VU2NKS | 2467 W0GJ |
| 2514 AE5E G3TTJ KM3T R9OK R9SA SV3FUP | 2506 DL1SMA JA2HYD K5FUV N6RW RA1AOB W5ODD WD5K | 2501 CT1BWU EA3CJ G0EHO IK7EOT JA1TMG JG4BLW JH1OBS K8OM OH4UI OZ8SW SV1GYG W6JRY | 2496 DL1TRK K4MK | 2480 WA1S | 2466 CT3FT SV9COL US0YA |
| 2513 WT8V | 2505 DF2TT JH1AJT* JH7IAJ K1CA K2TE K5PI K7EG LA2QM OH2OT PY2VA UN9L W1VT XE2X | 2500 4Z1UF 5B4AHJ DL1HRN EA5BRE I2MQP* IZ7FLP IZ8IEV K2UR K8RRT LA9GX N1EN N4EFS N4QV N5ZC N9BX OE6VIE RA3SS SQ1X W1OPD W3UA W7FN WA4LOX WD4LBR | 2495 JA7AUM | 2479 IK4AUY W4RFZ | 2464 IK2VUC JA1VLK JF3LOP OH3NHF W6SZN |
| 2512 IK8EPC JA5SUD OH8LXT RV9CX UA0CA UT7UU | 2511 EV1R JA0AOO JA4BXL KR4F W6TC | 2493 NW7E W1BR WS6X | 2494 JA1IXY K2FU W9XT | 2477 IZ8EDJ JJ1SKG SV1VS | 2463 DJ9RR K6KO |
| 2510 DK5AI JR1DUP K7SP LY1G N4PY VK3GA | 2504 EU1KY IK7XLU JE2HCJ LU2NI | 2492 JA6TMU LB2TB | 2490 JE2RDO WS5W | 2476 DF5AU DL6JZ OK1DWC W6TMD | 2462 JA9GPG KA2D |
| 2509 DK1WB I2EOW JR1BLX NQ7R US3LR | 2503 DJ3AA JH3GCN RN8W SP8HKT SV1QN SV2DGH W1ZT | 2489 G3OAG N6PF | 2487 EA1RT | 2475 JF2ICB OZ2PBS | 2461 K1KA K9IL* W4SO |
| 2508 HB9CXZ JF1KMC K7GEX K8FH N2JJ NA5DX OE8SPW ON5UE | 2502 DF3IS DS5USH F5LVL G4IUF JA8JTH JH0MXV K9SM | 2486 S52RZ | 2485 ZL3JT | 2473 K5YCM S57AT | 2460 JA8BNP W8LGJ |
| | | 2488 IV3VBM K8BL | 2481 IZ5RVG JA2AH JH1SJN | 2472 IK4IYC OH1JP SM5GMZ SP7TF SV1IW | 2459 K2AZ |
| | | 2498 K4JAF | | 2471 JA1HRQ JR8AMF | 2458 JA1ADN N0KV |
| | | 2497 HB9BUN | | 2470 N6PSE | 2457 JA1JAT JA3BXF JA3DY* N5KM |
| | | | | 2469 G4BUE HL4CJG WD9DZV | 2456 JG1WSC N5JB N9CK W8DX |
| | | | | 2468 DL8ZAW N6DX N8SNM | 2455 K9NR |

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| N5MOA | HB9IQB | 2430 | 2417 | WA0RVK | K2TWI |
| 2454 | N4GG | AF4HX | JA6BEE | | WT4Q |
| LA9VDA | NE9U | KT1J | SM3PZG | 2405 | 2396 |
| N6TA | 2441 | WL7E | | DJ4GJ | KJ9C |
| W2OO | AA8OY | YO2CMI | 2416 | IV3KFB | N7TY |
| 2453 | K0QC | 2428 | SV1ACK | JH4ADK | PA3CSR |
| JA8KSF | W5IF | DJ8ES | WQ5W | K6PJ | |
| K8DV | W8MJ | IV3HYD | 2415 | OE2BZL | 2395 |
| SV8CKM | 2440 | 2427 | AA7G | | WB7B |
| 2452 | EA5AT | K9FN | JR5JAQ | 2404 | 2393 |
| ZS2DL | K5PS | LX2A | W7MEM | JA1SKE | JA2CEJ |
| 2451 | SM5CLE | 2426 | 2414 | KS3F | JR4LNG |
| KJ6P | W5PF | EA3GHZ | I4ENO | PY2DS | |
| UA0BA | 2439 | I2YDX | J11NJC | SV9AHZ | 2392 |
| 2450 | F3AT | K7HP | KG6I | 2403 | N2WB |
| GM3YOR | HB9ICC | YB1UUN | 2413 | JG3SKK | PA7TWO |
| JF1IRW | 2438 | 2425 | KA8ZPE | OE2GEN | W4HG |
| 2448 | DL9TJ | HB9AZZ | N5TJ | R0FA | YL2KF |
| JA1GHR | JA2FBC | ZS6WB* | 2412 | WA3OFR | 2391 |
| K3VAT | JH7BKN | 2424 | I5OYY | 2402 | JA8DKJ |
| K7GM | 2437 | K0TPP | KJ0M | N9JV | JE1DXC |
| ON4CAS | W9OA | W2OIB | WA0I | W8MET | 2390 |
| WA6F | 2436 | 2423 | 2410 | 2401 | HB9BAT |
| 2447 | DL9FCY | DL2VPO | I0YQV | HA7UW | HB9DHG |
| RA3DNC | K4RG | KB1JZU | IK4MSV | N2NS | JA1TAA |
| 2446 | W9OO | W1EBI | IK8VRH | SM3LGO | K9RS |
| IZ4MJP | 2435 | 2422 | 2409 | 2400 | KA7T |
| JK1TCV | K9ZM | 4X6ZK | HA5AO | IZ2FOS | 2389 |
| K5KV | N3CZ | 2421 | 2408 | N5BO | JA1BPA |
| OZ1LCG | W7ZJ | E70T | PY2MC | SP6JIU | PA7RA |
| W0AWL | 2434 | 2420 | 2407 | W2GW | 2388 |
| W4UCK | CT1DKS | DJ5JH | 9A5N | W8CZN | G3VPW |
| 2444 | JE8TGI | VE6LB | JA3MHV | W8WEJ | KR0P |
| IZ4DPV | SM5CZK | WD0DAN | JH1IED | 2399 | LU4FPZ |
| N7BT | WA9CVK | 2419 | JH6PFY | F5PBM | 2387 |
| 2443 | 2432 | IK2EGL | UR5FEO | HP2AT | K9YC |
| A65BR | K4TEA | JA1FNO | W6UC | LA8HGA | |
| G4DJX | 2431 | KF7PG | ZL1BYZ | N5UL | 2386 |
| KS0DX | IU0HDC | 2418 | 2406 | 2398 | JF1RYU |
| W9DC | JA7EPO | KM3V | K1LT | AA3B | K4YMQ |
| 2442 | JE8CLT | W4MAY | K1UU | HA5VZ | W1EQ |
| DL4CW | JF2WXS | 2417 | N6HC | K2SX | 2385 |
| | | SV1FJP | W2AY | 2397 | DL8LE |
| | | W2AY | | IZ5BAM | W2NO |
| | | | | JA1DOF | |

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| 2384 G4XEE K8YSE KQ3F W8UV | 2373 9K2GS I2VGW JA4VLK K7ZD W2LE | JH2SON NA5Q S55SL | K5KPE K7UA | JE1AEX JH1CHU K8AJS OK1FED SP8FB | K1LI WA1SXX |
| 2383 AB5EB OE7FMH RK3QY | 2371 GM0AXY JG1OGM K8UT OH1NPW | 2361 CT3KN W5VQ | 2347 AC0A IZ3ETU PY2IQ | 2337 JA2BQX JF0CSK JH1LPF JK3GHE K0GD VE3CRG W6RS W8JRK | 2327 AB5A EA1SA LB6KC N2LM S52TJ SM5ARL WF2S |
| 2382 LB5WB | 2370 DL2UH IK6QOP N9UA | 2360 N6MZ | 2346 G3NKC JA9AA K0MN* KE6FV | | 2326 K4PB |
| 2381 JL2JVX | | 2359 F6ECI K9GA OZ1IKY W4DC | 2345 K7LJ SM4CTI WA2NPD | | 2325 BH4QYX JA2IYJ JH8SLS WA4JQS |
| 2380 K1ESE KG9Z ON4ATW SM7IUN W3IP | 2369 W6DR | 2358 N0RN WF4U | 2344 EA1AUS JA7PL K5JC RZ3DJ | 2336 EW4M K0VXU K4XR W5GAI W9DX | |
| 2379 JR3UIC K1IT OH1NDA VE3YF | 2368 JP1IOF | 2357 KD9HL W9HBH | | | 2324 IK1SOW JA2FSM JR9LKE N3UA PZ5RA VE6AX |
| 2378 F5IL K1NTR N2DPF ZS1A | 2367 HS1NGR | 2356 K1KO N1GC N6QQ | 2343 W0TT W1SRD | 2335 DF7EE DL5XAT | |
| 2377 AA8R | 2366 BA4DW K9FD* | 2355 9K2NO JA8FHM NA9RB | 2342 HL2IFR IK8JVG JA3XNH | 2334 HB9BYQ W0GG W2YE | 2323 JH4BTI K0CS |
| 2376 HB9AAQ IK0HBN N6UK NE3F | 2365 K8YC W3FOX W9JA | 2354 IT9RYJ K0XB | 2341 DL6UAA HL2CFY SM2GCQ VE3EK W7HPW | 2333 HA0HW W0HBH | 2322 IV3XNF |
| 2375 7K1PTT WB8K ZL4TT | 2364 AA8LL AD4ES IW1QN | 2352 HK1MW OH5LLR | 2340 4L1MA DK7YY OE5BWN W0RX | 2332 JE2UFF K6UM XE1MEX | 2321 JA4ZA JH3FHQ S57XX W9JJB |
| 2374 RN3RQ | 2363 EA6EE JA3EOP N8BJQ RA5BM VE3VHB | 2350 DL3OI JF2VAX N7DC W9EWZ | | | 2320 I8QJU VU2PTT W9BEA |
| | 2362 I5MPN IZ8DBJ JA7QFU JA8UIV | 2348 DJ5JK DL8SCG HI8R | 2339 K3TN SM3DMP | 2331 EI2CN G3UHU IK6OIN WB8CQV | |
| | | | 2338 FG5FR | 2330 9A1AD IK2RPE | 2319 JA9GLW K7MTR UA3ECJ W5FI |

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| 2318 JK1UNZ KK1W | K4CMS N4TJ ZL2IFB | 2298 HK3X JA3BSL | 2285 W3ICM | 2274 HL3AMO VO1HP | 2264 N4MHQ UR3EO W1OW |
| 2317 K1ZZI K2XF | 2307 HI3T K0VSH | 2297 W3YY | 2284 E21EIC JA1PTJ OE2KHM W8OP | 2273 K0AZ K8BN N7NG | 2263 JK1BSM N4QWF NT5V |
| 2316 EA1JO JA6CBG K0GY W5GZ | 2306 BA4MY LA6UL N4RF | 2295 EW1BA K7TM | 2283 JA4FM N4JQQ | 2272 EA3AKY JH1BAM KE1F N4XP | 2262 LU6ETB OK1DH W8GNM |
| 2315 JA8FFM | 2305 AA1AC K6ZZ K8CW NE8P VK3BDX W7AH | 2294 AB1OC N6HY PY2RO RU3ZX WS7L | 2282 AA5JF AB0X IZ8GGF | 2271 IK8UHA K9RR W0SZ W8LRO WA3F WB6EWM | 2261 F9XL IZ8EEL JR6IKD KL0S S51NM |
| 2314 AI2N JA6OXT NF1O VU2CPL | 2304 OK5TK | 2293 DS5TOS EA3HRE JA1BOQ N2WLG | 2281 I1NVU | | |
| 2313 JA4HAW JA7BVH K5DHY | 2303 JA3NHL JJ1BMB JO4CFV W5ZPA | 2292 IZ0BVU KA1J RZ3DW | 2280 K6YRA | 2270 EA3XP IZ8FDH JH8SIT KG2KJ UA4AZ | 2260 JM1HJG OZ7FOC W5PJR |
| 2312 JA2KNW N0RB N5DD | 2302 AC9EM JA7CVL W2WG | 2291 JH1RGG SP3XR | 2279 W5SL | 2269 G0FUV JJ1TKN W2/CT1GIF | 2259 NF4A UA6FJ UT3UZ W3RW |
| 2311 K8ME PP1CZ R3ST SM5CRV WC5M | 2301 JP1NWZ W5JAY | 2290 JA3FHL SQ2GXO W7CA | 2278 EA4EER JH2IEE JR3REX K4WNW NK0S OZ5HP W5WT | | |
| 2310 JA5BGA JF1LMB SV1FKZ | 2300 JA1MLY JA8NFV K0LUZ NF1G OE3HWC | 2289 JA9IFF N9AW | 2277 DL1WM IK1PMR SP5ES | 2268 K3SEW K9OW | 2258 DF2NS I0OSI K6DT W3MR |
| 2309 HB9BOI HB9BXE | 2299 I5CRL KA2MGE SV9GPV W9FI | 2288 W8IW | 2276 HC1BI JA4FCV RU1AB RU3SD VE1JBC W1YRC | 2267 IZ1GLT LA7XK NE6I YO9FNP | 2257 IK2SND JH4FEB K4NNX K8NKQ |
| 2308 HL3DE IK7FPV JA7ZP | | 2287 KA1ERL PA0ZH | 2275 DL2HYH LA4PM SP1DSZ | 2266 JH1APK OH6NIO | 2256 KA4RRU |
| | | 2286 JG3FEA | | 2265 IK0DWN K3EA | 2255 EA7SG JN3SAC |

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| 2254 HA5PT KE9L W9PZT | 2243 K8NK LA6OP SM7GIB | K5JZ | JA1OVD K1NJ K7BTW VE7BV W8KL | 2216 SV1HEP | SM5ENX US1CT W5DAW |
| 2253 JH1DGQ JH1UBK | 2242 7M2PDT NY2NY W8KA | 2234 DS5ACV JA2JRG | 2225 IW1FGY K0DD WA8MCD | 2215 LA9FFA RA4FEA SM7CQY SV2BOH | 2206 PA3ABH W2OR YL2TW |
| 2252 OZ1LWT S59ZZ TZ4AM | 2241 JR1WCT NA2M* OH1TX UA1ACG | 2233 JA0KJE RX3APM SM7NDX | 2224 CU3EQ KD6UO | 2214 JA1DM* JH6EJG K1EFI K4FJ RN1ON SM5SWA | 2205 JA0UH |
| 2251 N4TV W5ZO WA4CEM | 2240 9A2TN HB9EFK K4MM K6SRZ OH3NAQ WV4TN* | 2232 9M6YBG JF4EQJ W8ZF | 2223 K1NY WA9YYY | 2213 HL2EIZ JA0LFV JA8EOT K1YR SV1MO | 2204 4Z5LX DM5GG KZ5DX W4JS |
| 2250 DL1SP EA8BYR IZ2DLV JE2JMV JH1XUM | 2239 4O3A JA0DWY N1EVK W4ABW | 2231 DL4DZL OM2DX R9SG W8IQ | 2222 HB9G IW0HOU UN3GX W2TB | 2211 N4HID UX5UO W0YVA W3ABT | 2203 G0VXE IK2ANI JA0GCI JA1KPH JR7GBL N7WS SA0AQT |
| 2249 AB5C DL9GTB JH1VUO KX2A N2VW WP4EJH | 2238 JA1CMD K5FZ W0QQ | 2230 JG5RVQ JH3FUK JR1NHD K2SY K9MIE KJ6NZ KR2Q PA0JSE W3XY | 2221 EA5RD JA2DXD K4VIG K9OT | 2210 JA0EKI PY2GM | 2202 I5MXX JA8JO UA0FO UN2E UR8UQ W4LSC* WA5LFD |
| 2248 XE1RBV | 2237 F5BOY HB9MFM K2EQ | 2229 K2TK N4JT N8MR SM3CBR W5DNT ZL4AS | 2220 AB4SF EA9IE IK8GJR K9DR | 2209 AG1A DL1SVI UN7ECA W4BUW W6RFL W7YA | 2201 DL8FBD G3TQZ JH1ACA K6MI RM3DA RU0SN |
| 2247 K4HMB N6PE | 2236 AB0CT DH0GSU JA0PE K2FW KT8Y | 2228 HS0ZEE JA8IUB JE1GWO K4NA N3VA | 2219 DJ5EJ KH2L N9SF VK4CAG | 2208 DM5BB IK3SWB JA7HRM KI4DLS UN7FW WA1FCN | 2200 CT1AGS JA6GPR K2SN N4UFO VE3NI W2YR W9YE WE9V |
| 2246 PY7RP W8UN | 2235 9A9CW EA3EQT IK6BSN | 2227 JJ2WOC | 2218 EU1U JA1AFR JH4CBM WC2K | 2207 I5KG JH2PWY | |
| 2245 FG8OJ NW4V OZ4VW VE1HQ | 2244 JH1IAQ JH4DYP | 2226 IK7YZG | 2217 IU0LFQ W0HT | | |

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|---|--|--|--|---|--|
| 2199 WB8B | 2189 AI6Z IK1ADH JA8CJY JH6WDG N4AL N8NN W2CG | 2180 IV3TDM JA8BAR JA8LRG RW3QM UN3G W5RQ | 2171 JA2KVB UT3UY | 2161 JH1WJR NJ3K W0JM | 2151 SP1MWW W6KK |
| 2198 JA2VHO JA3LDH | | | 2170 JH1VHU JH3GFA KX4TT N7UN SV3AQR | 2160 I5REA IK1CJO IK4HPU JF3PNQ K1PL | 2150 EI8IU KU4XO SM5FWW YB0COU |
| 2197 SM5CBM SP6MAA | 2188 N4ZH RD3A | 2179 DK0UB IV3YIB JF1RPZ WA1PMA | | | 2149 IZ0NRG JG4NNS K0GW RW9QA VE2BR |
| 2196 JE1VTZ N8HRZ W2FV | 2187 JA3OOK JR1MLU RW4CY W0AIH* W8BBQ W8MHW WE1P | 2178 JH1DGJ K1GE KF2DT | 2169 G8AJM JA3MF | 2159 HB9KNY JA7QVK N1RJ VK3NX | |
| 2195 DF2NU EW1KP HL2KV IK8BQE JA0CGJ JA5NPV JK1AJX K2CBI LY3W W1SSN W6AEA | 2186 JM1GHT ZS2EZ | 2177 JA1MZL N3EN NW6S | 2168 F5UJK JH2XQY UT4EK | 2158 K4RO SM4OLL YO3FRI | 2148 CT1GPQ DL7UPN K4YYL K5GH |
| 2194 AA4FL CT1DOF N2WKS WB3JFS Z31RQ | 2185 DH2PC JA8ZO YO3CD | 2176 DJ2SL DK9HN DS3HWS K4ZIN | 2167 DL1NKS IK6HRB OH3OJ W7HR | 2157 K0KG W6CYX | 2147 N3QE |
| 2193 K2RD VA3MO | 2184 G3KMQ JR1UFN N6PM OH7TV | 2175 AD8P* DL3KZA DL9OBY JA4DHN K2BLA WW2DX | 2166 LA2XPA W2RQ W8FIB | 2156 G3UAS JN1NBU N5PHT* TA1CM | 2146 9A5TW EA8MT KV1J |
| 2192 N3BNA SP6AEG | 2183 4X6KA JA3UCO JJ0DRC PA1H | 2174 K5TT | 2165 I0MWI JJ1LBJ N4PJ N5ET S54A | 2154 KO8SCA SP3V | 2145 DF5WA EC1A JH0NEC RQ3A RU6FZ |
| 2191 EA8TH IK2DZN JJ6DGP PY1KN | 2182 JH1SOD K3SX | 2173 4F2KWT G0DBE K2AU KR6C LU5FF OE2SCM | 2164 NY9H S55ZZ | 2153 EA3GHQ JE2VLG JH0RVY K2BA K4KAY OH2BF S50R W3FI | 2144 DK2OY VE3UZ W4IS |
| 2190 N4SC | 2181 IV3TMM JP1TRJ W6SL | 2172 HI3Y KK0M | 2163 N4UOZ UA1AIR | 2152 EA3EQS N4IQ UA3O W6IGK | 2143 JA1CZI JA3VPA JF3SUL K4KGG W9RC |
| | | | 2162 F6HLC N6KZ N7IP RZ0AF W7AV | | 2142 CT3DL JE8LWZ |

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| K4JC K8KWT | 2132 K7UT W3TN | 2122 K1ZE K9TF LA5SJA | 2114 IZ5NFD KA2NDX KE8KMX SM7BHH W4SK | 2105 W8LMG | HA1DAE JA1QWT K9JU W2JLK W5WP |
| 2141 DL2AYK DL9RCF JA8OW N1RK N6IE | 2131 JA3WLN JH1BSJ K1RV N2SQW ND4X RN3CT W7QDM | 2121 A65CA IK2ILH KD4S KM6HB W8JV WQ6Q | 2113 JA1OVF K9SG KB9DAK | 2104 G3SBP HB9BHY* JA3KNN UR7QC | 2095 IK1IYU K1UI KE4UW ON4RU |
| 2140 CT4GO IW0GBU JA6QHQ JL1CNY JS6TWW W5RF | 2130 EA8AXT IK0OPS K0DEW W6YOO | 2120 JA1WTI JH2VVH K5DC OH3NDH W1WC W6RKC | 2112 AE0P EA8DOX | 2103 F5VHQ JK1ODA KK2M W3BG | 2094 IK2CHZ K1MAA* SV1FJF |
| 2139 JA0RCK JA1XPQ JF0JYR K8BZ | 2129 N2AJ XE1H | 2119 JA7XBG K6NR NU1B W2KA WB3LHD WI8R | 2111 7M4AOE JA4FJL JH0MHR K3PP K3STX SM4DDS | 2102 CT1FUH DM2RM JH7IMX PA0GMM | 2093 KA9UVY VE3ZZ |
| 2138 W9MJ | 2128 KE9I RW4PU UN6P WA2USA | 2118 JR6SVM K2HAT OM5FM R3QW | 2110 F2NH HB9CRV JA1WWO JA8XQI KF9UG NA5Z RA1OD | 2101 EA6AJ JH7DFZ K1DC K7KB K8KS W8JH | 2092 K5NZ N5AQ R1MA ZL2AL |
| 2137 K1SM K9GWH KB2FCV NZ3O | 2127 HB9AAL K7ACZ W9VNE | 2117 ER5DX OM8FR W0CP | 2109 CT1BWW HB9MEJ JA2QXP UR5WCW | 2100 DS4AOW EC1AIJ K4OY K6BV NH6T/W4 W8MK | 2091 EB3CW G4XRV W1TO W2ZI W4RDX WB0O |
| 2136 G3IFB IW3GJF IZ7AUH K7LV N1IX | 2125 HB9JOE JA1EMQ JH3SIF K2AX | 2116 F6DBX JA3QOS K3OX SM7HCW W5WTX WB2GAI | 2108 JA1AML KW4V NA9Q | 2099 EA8RR N4JR NP4G | 2089 IK0XEZ IT9RTA SM0MPV WV9L |
| 2135 AA4M IZ8EEI JA7BEW | 2124 CU3AA JA0LXP K5CD OZ5NJ W4GIW W5LO | 2115 DL8TV EA1KY RK9A | 2107 G4DJJ IK0UTM K3PU K9AU | 2098 IS0AFM JH6RFT KI1U | 2087 JA1CJO JF2DND KF0LA R3CR |
| 2134 IZ2EWR WB5TUF | 2123 AB4I KZ8Y | | 2106 JE3GUG KS4S | 2097 IZ5MOQ JG3RWX | 2086 K1FEV K1OR WC3W |
| 2133 AJ4A JA2FCZ RA3LO | | | | 2096 F5NBX | |

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|---|---|--|--|--|---|
| 2085 DL5XL PA3GCV | 2077 XE1J* | 2067 JA1NCZ JH8GEU N6PEQ NK4L | 2058 IK2PZC JA1FJJ JJ2KDZ PY5IP W0FK W1ZK | K8NS NT2A | LA7WCA N7QT |
| 2084 JF1LZQ K6IPM WE4S | 2076 DL3LBM OZ0J | 2066 DL4LAM JH1EDD KD2T | 2057 JH1ILX PY2FN W0TM | 2047 JL2PQV JP7EIP K2AJY K9OR N4AA* NU1O | 2039 DK9CG I8OCA VE3KI W7IB WA3PTF |
| 2083 IT9ODQ JA1JPM JL1OEC UR5ECW | 2075 JA8DSO KI4GE RA3FH | 2065 G3LUW IK0OER JL1ARF K4ST | 2056 KU5B RN3D | 2046 F5INJ IT9ZZO NU4E WA3I | 2038 K9WX WA5IPS |
| 2082 AF5CC K2RU N4OA N7DED SV1CQN YO3ND | 2074 DL8PG IU8FRE | 2064 DL3BRE EA3NY HL4GAV JH1MFN N4QWZ YB2DX | 2055 JA1DDZ JA1UII PY2WC | 2045 RK2FWA W2PP | 2037 DK2CC JA3MHA JH7CUO K2EK K8YYY W7IU W7NN |
| 2081 KK4OK NA4EA PY2GG | 2073 DJ0MCH K9RT ND4V W5DM W5THT | 2063 K3BR PT7ZT | 2053 DS5DNO JA4IXI K4YJ ZS1J | 2044 JM1SZY JR1VAY UN7JID | 2036 BG2QMO N7GR N9PGG UA3FF |
| 2080 JH1ORA JJ2RCJ KC6X N0AH NV4B W5LE W5QM | 2072 JL3JRY R9SC SM4BZH | 2062 I0LYO W2YK | 2052 JE1CSW JE2PCY K5TA KK0DX OM7CA RA3TT SM0HEV W7SX | 2043 I8DVJ K2UFM K6MKF NA9A W4ZYT | 2035 AA4VV JA7KE KM1C NA2AA WC4H |
| 2079 JA0KJD JA1GVM JR1IZM K8AV KN4KL N1IW VE3JV W6DE | 2071 KF6HI N0ABA N7ZO N9JR PA0INA W3GG WV6E | 2061 AA4NC JH1FSB JL3LSF K1TZQ W1AO W1ITU | 2051 KJ7TEA PY2DV | 2042 IK5BOH/2 K1RI* KA6BIM LZ2ZG N9YB NE0U | 2034 AA3LX K3VN SM5FQQ |
| 2078 GW4BKG N3KN N8EHW YO2DFA | 2070 AA9LC ND5S UN7G | 2060 CS8ABF DJ7ZG G4FKA PA0TCA | 2050 AC9S K2TER K4JLD KK9H WB8FSV WD8ANZ | 2041 AB4UF HB9TOC IT9GSF JN3TRK OR7K SP6AXW SV8DOU W4GE | 2033 GM4FDM K3SV V51B |
| | 2068 AA9RR N4NW R3LA | 2059 DL6LIM N0IJ WD8PKF | 2048 I5JFG JL1OXH | 2040 K1DJ | 2032 HB9DOT IK2RZP IK5PWN KI6CG LZ2HN W7VY |

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| WB4YDL | 2024 GI4DOH HB9FMT N1JP RT0F WC6DX | W1OP WA6SCW | 2008 6K5YIA DG7RO K4EA LZ2XF | JE1PHH K2QPN K5FNQ KD8RQE N3NR N4CQ NR2C OH1HB SV3FUO VE4EAR | OH1TSM OH2CLX R5QA RC2A RD4A SQ5NRY VK5GR W0IZ W3BNN W4KA W5VX W8LKG W8QZA/QRP W9ZCL WV8DX YB2TX |
| 2031 N2ZA W7IV | | 2015 DK3GG K3WWT K9MMS RK7T VU24DX YB1AR | 2007 DK3UA DK5DC* JP1HDK KV1E N6OJ | | |
| 2030 N3JT N6PAT NY3C UA6AUA W5GA | 2023 JR1EYB KB6CIO N0ODK | 2014 EA8DIB IZ1DFG K2AT N7TT | 2006 DM3AZ JA0CIU JA3EJG JE0ART KB4MRX WA6JA | 2001 BH4IGO DJ6HR DL6OCM HB9DQV JE4NAN K6KZM N1QY N4XYZ N9TF N9XX OE3KLU VE6TL VR2XMT YO4DW | |
| 2029 GW3SFC N4IG RA1OHX WD8NVN | 2022 JA8EJZ SV2HXX | | | | 1999 IK0CHU LA9OI |
| 2028 DJ0UT F1ICS JA4QAD SM5AOG W3ACO YB1TJ | 2021 IV3IXN JF2OZH JH1OGT JH4RUF M0CSD W3BJ | 2013 G0MTN JA1QXC JT1BV RA3QUA SQ7NSN W6AER | 2005 DK5RL HA5BSW JH1NYN JL3MCM NJ7G SM6CKU | | 1998 AC4TO KN6KI RX4HW W4RBO |
| 2027 F5OVQ IU8FRF JA1DOT JE7ETY N4HN NI3P | 2020 AH0U EI2HY | 2012 JE0VJV N6MB VE3MV W5KI | 2004 DM1TT EA1DLU JA1IAZ JH0OXS RA3ANL SP3QYQ | 2000 AD8RL CT2FEY DL2RUM DL2SWN FG4NO I1WXY IT9AAI IU2ANW IW3SSA IW7DOL JH0AWC JH0NOS JH1ERJ JK7LXU JN1XNI JQ1TIV JQ1YIW JR7ILA K1RH K6TAR KS4YT KV4T LA1K NG7M OE5TXF | 1997 AF2C W2NRA |
| 2026 9A5F JA1PCM JF6XQJ K3NQ N3ND RT5A W7JY* XE2D | 2019 JA2MOG JI6IHG K1BZ K1JIU N1KDO SM5BMB WB4VAM | 2011 4Z5SG NS4P | | | 1995 IK2DUW KZ1W |
| 2025 7K1CPT AC4VM EA5OX JH6DUL JL2KEQ K9RE NO4J | 2018 JK1VXE K0EEO ON7TK | 2010 DF1ZN DK8MM JA1NRH K2BB RA3BL SP6NIN VA7RY VE3SKX WB3D | 2003 F1RAF GU0SUP IU8HEP KD5QHV KE3D KH6M UA4PCM YO7NE | | 1994 PA3GRM |
| | 2017 JA4EVN | | | | 1993 K4AV K5SM |
| | 2016 HL5BMX JE3MDQ JI1WLL N4TOL NA2U RU9UC VA7CRZ | 2009 9A4SS AA0MZ JG6NGS R3DG SP5APW TI5CDA | 2002 HB9AWS HB9CIC HB9DVZ HK4L JA6IVR | | 1991 HA5GN JE1HRC SV2DCD |
| | | | | | 1990 IZ5NSH |
| | | | | | 1989 SP2MEF |

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|--|---|---|---|--|---|
| 1988 OM3IM | 1976 DL5OCE KY6R W9LN WB2BIN | 1964 EI3IO SV8BHN | 1954 DM2TO K8VC | 1942 CU3EJ IK0EFR UA4SKW W2CVW | 1931 JF1IXE JH7VTE WA9GON |
| 1987 DK3WG | | 1963 EA5B JA1BNW NE1F W9SN WB8ART | 1953 K2BX K4WZ N3KV N9KW W9IL | 1941 K2CIB ND8L ON4ANN W8FN | 1930 G0BBB IK8CNT K9FZ* |
| 1986 K1ACL N1UK N6NO W0SR | 1975 I1YDT JF1WLK JO1LVZ K5QX ON4UN* W0PSY | 1962 CU3AN DF2UA HA5CW VE3CV* | 1952 W2NK | 1940 DL7UVO IV3AZZ K4MY K5IB WC4X | 1929 JA1OND JA7FWR RL3AA |
| 1985 K6MM | 1974 K8FC | 1961 DK1WU EA7QW K5RJ K9ALP | 1951 IZ0BTV JG1HVC | 1939 AC6DX JH8NBJ KU8X N2NW SM0BYD UA9CGL VE7TK W5JMW | 1928 K5OA K6MW N5WA N6RK W5KK |
| 1984 DJ9WH JE3EDJ JI1CQA JR7MAZ N2FF N9ZI | 1973 DL2NOM HB9DVO JA4XH JH8UQJ WS1L | 1960 JA1CFZ | 1950 N1ZZ N5UW WA4DOU | 1938 IZ0CKJ KE1VT NA2P | 1927 DM2HK EW1P I4JEE JE1OHL S58J |
| 1983 DF2PI KK4OW | 1972 DL3JPN | 1959 JR6CSY K9JN SM0DSF SM5CAK | 1949 JA1XRA W1AW W4DAO | 1937 K4MF | 1926 JA4CZM JM1VRW RD3BD UA3FX W3SB |
| 1982 DL1RWN JA1SGU KE8UM RA4WE | 1971 DF9PG | 1958 K5ZQ N5TW | 1948 K3NF YV5OIE | 1936 WB0N | 1925 G3WW K1JD K5TN W1NA |
| 1981 IK7WPC WA0ROI | 1969 I0GOD JP1LRT WB6CJT | 1957 EA2AFV K1VW* N2RJ | 1947 AA4DD DL6XK N4ENE | 1935 N1KC N6NU | 1923 IZ1JMN KF7F |
| 1980 G3LDI IZ4DIW LB2HG VA7ZT | 1968 G4NXG OZ4AAL | 1956 AA6RR CT2GLO K4WES SP5MXZ WA1YTW | 1946 K5WBM KL7HBK | 1934 DK4TP NA6L | 1922 DL4RCK LY3UM YO2KHK |
| 1979 AA9GR I8LWL JE6HGL | 1967 DL9IU JA0NZR JA4HWX JG3WCZ JM1TWR | 1955 K3FM SP6EY W1CSM | 1945 DJ8NT ND3L WW5G | 1933 CU3AK JA8AZN WN6K | 1921 AB2E |
| 1978 IW0BCF IZ8EJB | 1965 JA3HBC KB9VF N7WO NU4Y | | 1944 DM2FX NE8Z | | |
| | | | 1943 K9SE W8TE | | |

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|---|--|--|--|--|--|
| HB9FBG JA2KSP WY1G | NC4RB | N7ELL | 1889 N2ZZ W8NGA YO3JF | 1879 RD9M | 1868 SV1OZ UA1ORK |
| 1920 K9AW | 1909 EA1KP IK3ITX JR0PJR W7WZ | 1901 F5JSD | 1888 IQ2VA MM0BQN N7UVH W4YCH | 1878 K5AB K5KG K9UQN | 1867 JH8KFE LZ1MS RA4P RO1B |
| 1919 AA4LR JA3MVI NR9J W0FS | 1908 JA1GUC KD4W SP5TT | 1900 JA7BSD JG1LBN JH7WQX W2CDO W3US | 1887 DF6TC K9DT KM3J SP3AU | 1877 JR7XOD | 1866 5B4XF K1JB K9CS RA0BA RT3M |
| 1917 7J1ADJ DJ3AS K2XB* K6UFO N4PYI SP5JXK | 1907 AK5X DL4NBE DL5MHQ DL5NO SV3ICK W9MO | 1899 JH7QLR | 1886 KC9K WB2WPM | 1876 AA4AK HL2VA WO2X | 1865 AC9O K3PT KB1HY N4GU SK3BG SP6IEQ W4DEE |
| 1916 AD5MN DL4FAP W8HMK | 1906 HB9IIO I4JED JA1HOM KI4WCQ KQ4EE KV4AA KV4FZ* N3KS OE1SZW | 1898 DF3EC DL8OH UN1L | 1885 DK6OR OZ3SK* | 1875 IZ8AJU K0LB | 1864 MU0FAL W8OM WQ5R |
| 1915 W2WC | 1905 JA6JEW KW4MM SM1TDE | 1897 G3XLF JR0QFA K4XU | 1884 G3YQA KZ9DX SM7EH* W1KDA | 1874 JA7VEI K6IPV W1SLF WB6JJJ | 1863 JA1PAH LA4YGA WO9S |
| 1914 DL1HBT N6AX N6ZN VR2CH W5GO | 1904 DL1DAW G4FAL K8EAB YO4AUL | 1896 IK2UJS JA2EWE W9VG WB5AAA | 1883 IW0BYL JJ1QUV VE3YV W2PA | 1873 AG5W W8BLA WA4VA | 1862 DJ5IO JR3XUH WD4OIN |
| 1913 IV3ARJ NY6C RK9UN | 1903 F4GVO IK0WRB KD8F NQ3A | 1894 JA0AXV W4HZ | 1882 DL6KO EA5RU | 1872 JA4GXS JG1DUZ K4JWA SM6CLU W3TI | 1861 N1AC W1EL |
| 1912 DL2RTL IK6GRT JA2ITK K4WM | 1902 AK5Q JA4KDT JQ1ALQ | 1893 K4JKB LZ3CB | 1881 KN4PPD | 1871 K4EU | 1860 DL5KUA LA5FJA |
| 1911 JH1RFM UT7KF | | 1892 CT2IUK K8QKY N3OC | 1880 AA6PW JA0EVI OZ1HPS UR4QFP WB2KSK WV2I WX0B | 1870 DF1KG N6QI | 1859 IK5FKE |
| 1910 IK1UGX | | 1891 K2RET K6XN LA9TY SP7ICE | | | |
| | | 1890 W8QID | | | |

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|--|---|--|---|--|---|
| 1858 EU1M I4JBJ JI3CJP K4MV N5QS NL7S SP3F | 1850 EA4DEI IT9BLB JA2KTP JA7JPZ N3XM | EI6IZ HL2ZN JA7FAS K2MP N8AYY W0KCJ W5UE YE9BJM | VK3FM | 1820 BV1EK JA3EY K8ZM UB3A WA7BNG | IZ3BJK N8NA OH2RI |
| 1857 AA4U JM1LPN PA0JNH | 1849 IZ8MBW W0UC ZS6NJ | 1839 JH1FVE JI3BFC | 1829 KD1F | 1819 JA5DBE JA7MAD K3DFL K5UZ W1UK | 1810 DL1DWT JA6AVT NM5Z NU7J |
| 1856 JA4SSM JE2EBT VU2DCC | 1848 PA3BWD W1WLW W6WF | 1838 DJ1TO EI7CC | 1828 JA1QIW W3ML WX6V | 1818 K0THN K3AJ W5BK YO9BXE | 1809 NX8Y |
| 1855 HB9BOU JA1VRU JJ1PFC JL1GYZ JT1CO K5CWR | 1847 AJ8MH KE1R VE1OP WB4QOC YB1TQL | 1837 CX2CC DF8FT EI2JD K1ZJA LY9Y | 1827 HB9DDM JG1SWM N1IA UA9FFV | 1817 WA4BIM | 1808 JA4MMO JH5HDA JH9AUB N3RW W0MU W3UM WB2NPY YL2CA YL3DQ |
| 1854 N8PCN W1EG WA5POK | 1846 HB9HVG JA2XW | 1836 HB9HBZ K0SD | 1826 G3YBO K5VR N4RZ YO3DDZ | 1816 4X1VE K8KI OK4YL S52FW | 1807 JA9ESZ W2DXE |
| 1853 LU4FW N7MQ RN3TT W2RIJ | 1845 HB9DQL WY6N | 1835 JA6HQT K0MD K7GS NA6MG W0ZD | 1825 W1LE | 1815 JH8OCV W1PX W3KB | 1806 JA1PPW JA6JNF JR6IQI PA0MBD |
| 1852 DL1TS HB9EBM W0QC W5UQ | 1844 N2KI N8SHZ | 1834 JF7ELG N6MXU | 1824 AH2O DL7APK JJ1KZZ W1DYG | 1814 4X4MF 7L1CYC IZ0GYP | 1805 CT1BXX KZ7N W6BK WX2U |
| 1851 EA5DFV JA1UTZ JA7GYP N6GP WA4QMQ WB8BZK | 1843 DL1USB KK4CB N1API N1MD | 1833 LU8ADX N5FF W8CD | 1823 F6KOP NI5F SQ9OH W6JZ | 1813 AF2D JI1LAT VK6LC WC7Q | 1804 SP8LBK |
| | 1842 HB9VAB NE9Z | 1832 AG7N JA1XEL | 1822 EA6LP KE4KY WB0TVY | 1812 JA2OLJ K3MSB NY1V W7CD | 1803 JH2KMK VE6KC |
| | 1841 DJ8OG W0DD WB2AQC | 1831 AB4GE K5OT KM4NS SM3PHM | 1821 K2IXQ K3GT KL7TC YV5LI | 1811 HB9IJC | 1802 K2MK KE5PO* WK8A |
| | 1840 DK5JI | | | | |

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|--|--|---|---|---|--|
| 1801 AA4UC KW1DX N5PR NK7C SM5BS | JR6GIM K4GO XE1FAS | 1783 IW7DVM IZ0CBB K4SX R9MJ | I8YAV N3MK WA2UBK | 1766 KC2SST N2KX SP5ELW | JS1NDM SV1NJW W4MA WA4MIT |
| 1800 JA9RBZ JH2HHJ K3GGN VE3YXO | 1791 HA2NA N6WM W3DM | 1782 DG5LAC K8EB KW9U SM0XBI | 1774 K4QE | 1765 K7XC SP5LKJ | 1756 K5CR NE9R W9NIO* |
| 1799 JE1IBI JE2KSM JJ1CZR K1DW | 1789 IK2ZJN | 1781 DL1FKA IZ6CST JP7FSO K0IL W6TK | 1773 AJ7G JH1XEF K5ALQ OZ7DN PY2SEX | 1764 DS5RNM HB9ZS UR4IOR UW7UA WP3R | 1755 G7SSE K5TR |
| 1798 DL7KL EA3ELW K1IFJ KC5LK S59DKR WC0W | 1788 JA3HBF K0ARS K4WY KE0A KT2C LA1U N4TD | 1780 EA2AAZ IV3KCB JH1FNU N2GZ S50B W6OD | 1772 4X1SK K9PG UW2ZO WA0SXV WB4GLI WI7P | 1763 IK4THK IK7YTT W9ZJ | 1754 VK2CA W8RV WB7BBQ |
| 1797 EI9FVB | 1787 JI2KUJ K1OT KF2TI KM7R ON8GT | 1779 JA6GIJ K5AV WB4KTF ZS2Y | 1771 JA7NLW N7BD TF3DC ZL3RJ | 1762 JH2AJY K6ZP KF2T N9MR* S53MJ | 1753 RD8X SM5ACQ |
| 1796 JF3DRI PB2A | 1786 AA7XT G4AFJ IK4DKO N2CG | 1778 AA8SW JR3QHJ VE7SZ | 1770 EA4DL G8BCG K5DB SM5YOC WY0V | 1761 NA4MM VU2CDP W9HP | 1752 AL7R JF2HPA W3NS |
| 1795 JR1DQK K5ZD KA9OKH W6DX WC4B | 1785 EI5GSB JI8PDC JL1BYZ K7NK K9QFR R5DU | 1777 EA5AR JA7DYJ JG1IEF | 1769 OZ1RE SE2T WC7N XE1VIC | 1760 DK0EE HB9TMW JH2AQI JR1EFG | 1751 K1AJ LA5XGA W6WA |
| 1794 I2YWR PA0VLY | 1784 EA2AGV I1PLX I2TZK JJ2ONH LA8AW W3MF | 1776 DL8SDC HK3PJ JR4LZX K8YE W8GEX YE4FNN | 1768 K7LAZ VU2MSA W6FL | 1759 KA1DJ W0VHF | 1750 AL7TC JM1JZN N9AOL W4CCS W8NN |
| 1793 G4ZOY G7VJR | | 1775 BA4TB | 1767 K0QQ VE1SK VE3VC WK4Y* | 1758 JA1PBV K2PF* KE4S SM5GLC | 1749 JA3UNA K2JL N1NU N6BM OZ1ACB |
| 1792 DL3EA HB9HIT JH4RLY | | | | 1757 JE3GNN JH4JLV JI2FBG | 1748 DF7AP DL2TOS KW4CQ NA6O RM6B |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| W3ZQI | EA3WL | N2RR | 1723 | 1714 | OZ3SM |
| 1747 | K4EB | W9GXR | JA8EIA | JR3VMJ | UT6UA |
| JA1ETN | K6RG | WA9JWL | VU2IBI | K8JE | W9BP |
| K4LM* | N4NR | | | N4PL | WA6G |
| LB7ZG | OE1ALW | 1730 | 1722 | N7KO | 1705 |
| NN4Q/QRP | UN1O | JA6ENL | IK2GPQ | | K7GQ |
| OH1WR | 1738 | JR7HAN | K2SD | 1713 | K8AO |
| PT7YV | F5RQQ | K5TIA | KG8CW | HA7LW | K8SMC* |
| | N0STL | W3UL | M0IKW | KB1W | KF2OG |
| 1746 | N3PS | 1729 | N1WQ | N4FN | |
| KK9T | | DK4PE | W6PBI* | W2GDJ | 1704 |
| SM2DMU | 1737 | I7PXV | | ZS6UT | JJ1JMZ |
| | DL9EO | JA2PTQ | 1721 | | KF4ZZ |
| 1745 | JM1ESG | LA2GH | AA6NP | 1712 | N6KK |
| JA3AVO | K1DX | XE1L | DM3ZF | K8SIA | N7FU |
| SM5ELV | R1QA | | EA2J | OM2RA | W7FP |
| | | 1728 | K9QJ | | |
| 1744 | 1736 | D2UY | W0PR | 1711 | 1703 |
| AA0N | JH6WHN | JL3OUW | | W1KMA | JA1FUI |
| IZ1JLG | N7MB | | 1719 | W5UHQ | KO6KD |
| K8SL | VA7KO | 1727 | AA6RE | WA0WWW | NA2X |
| N7JP | | AB1J | AE4CW | | VE4YH |
| RX6DX | 1735 | AG4Q | JP1GUW | 1710 | W9ROG |
| | F4WDL | IZ0MYH | N1LID | JE1HPM | |
| 1743 | GW4TSG | JA1KXT | W6SFK | JG3KCX | 1702 |
| K0HD | JR1TCY | JE4CIL | WA2MBP | K0SRL | JA0JPD |
| OH2LHE | K7FL | JH9OSX | | KG4CUY | JG3HBO |
| WA5NFC | RN9CM | K4AR | 1718 | KS0M | JK1SQI |
| WB5NHL | RU6K | KQ5M | K6CF | W4GP | KM9E |
| WF8R | W3FJ | KR8T | ND3F | | |
| | XE1EE | N3ME* | NX2X | 1709 | 1701 |
| 1742 | | N7HN | WA6TLA | HB9BNQ | CT3CD |
| DL6NDW | 1734 | NA6JD | | JA7BME | EA5HM |
| DL7JRD | 5B4ALJ | NJ1H | 1717 | KD3HN | JF1OSL |
| N5PG | W7JET | | K8ZZU | | NO0B |
| VU2LBW | ZL1HD | 1726 | SP7CVW | 1708 | |
| | | HB9CQL | SV1GRE | JA1SHE | 1700 |
| 1741 | 1733 | IK3DVY | WD8KND | JH1SBE | JA0ED |
| N0UN | IW9HII | K4VNY | | KE6V | KE5TD |
| WA9BZW | JQ2QHQ | N9IO | 1716 | N8VV | KN7Y |
| | K2CYE | TF4M | 9A1CKH | 1707 | N7VPN |
| 1740 | | 1725 | DK1EI | AB2RF | N9DR |
| DK5QK | 1732 | N6EE | K7WE | AF4Z | VR2MY |
| JA9NUN | EU4A | V31MA | N3RD | SM5CSS | W0MS |
| N5EPA | IK6EIW | | NO9E | SV1CIB | WB2RAJ |
| OT1A | IZ5FSA | 1724 | | VE1JS | WB4CW |
| VK7CW | JA5JUG | F5JY | 1715 | | WB8IZM |
| W3HKK | N4DWK | JA3CSZ | JA7MYQ | 1706 | |
| | | N2ZN | JI0VIF | AC6HY | 1699 |
| 1739 | 1731 | YO3AIS | KK5OQ | AL7LO | DL7UIO |
| AD6ZJ | DL5CL | | N1CGP | JA1XUY | JH1IZR |
| CT1IZW | KR4W | | OZ8X | K4JPD | N4BAF |

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|--|--|---|---|---|--|
| W6GRV | 1691 JF1AGB JG1BKX JK1WSH KE5FXE NS3L | N9LJX W8UQ | 1675 IV3AVQ K3SF | W5HD W8NJR W9KVR WA1ZIC | LA4WJ ZP5YW |
| 1698 HL4CCM K5PC KF7NN SM5API* W8SAX WA6EZV | 1690 DJ6NI G4FTC W2CQ W5MO W6RFF WD4IXD | 1683 K0PX W1JA W4JVN WA2UUK | 1674 HL1WP JA1BNL KF1C KL7TS ON6YH W1JQ | 1667 4X6UU EC5A K1VI W9RXJ | 1659 AJ8B JH2BNL KC6JAM |
| 1697 9A1R AC5AA AD5WB XE1R | 1689 K9ARZ W4GMY | 1682 DL4MM K4MIJ SP5IXS WR2K | 1673 AD7L EA7DUD HB9GWJ JR2PZX K3LR NU4I WA6POZ WT3Q | 1666 EA4UV F5CT JA1TD JA7OVC K7AWB W7IUO | 1658 DL2JIM I2EAY JJ2VLY VR2KW |
| 1696 HB0WR IZ5YHD KK8MM N0YY N4AOE RA0R W9GG WW8W | 1688 AA0ZP K5MT | 1681 AE5B JA1JYE JJ0NSL K9MUF OK1DX RL3AW W4UEF WB6L WF1H YO3FGO YP3A | 1672 IT9IPQ K4WW N5PA W1FA WS9W ZS1C | 1665 JR4CZM KC8RP SM2EJE UA0SC WA4MME | 1657 AG7HY JA7SFD NW7US SM6AOU |
| 1695 JH3HGH KF4VTT LX1DA | 1687 DL8DWL EC6AAE N2LQ N3TR R6FFB | 1680 W1MR | 1671 AC0X SP7QHR W7QHE | 1664 AD3C IK1MEG KK9M WE2N | 1656 DK3QM JR0AMD N2CQ UY2IZ W0KEU |
| 1694 4X6GP JH7HIQ K0FLY K4KEW UA1ANA | 1686 AG3V F6DAM IK4DCW JO4JDU K6LRN LZ2HM N4SV NA4M | 1679 JA4IYL K9SO WB4DNL | 1670 F6DHI K0PC LA7EIA OE1PMU | 1663 HB9ERU IK0XIH JI1MNT K1FT KX8G N0OK | 1655 GW4MVA JA1HSF N7GCO NF3R UA3AKI W0BBI W0JMP |
| 1693 7L2QAD K3MD W2GS | 1685 4Z5IW F5BEG K0VM K3XO VK6OZ W1OG | 1678 9K2BM | 1677 DJ3XG EA7BJ JN4FNZ VK8DR | 1662 DL6UNF JR0EQQ K3WGR N8NB NZ5O | 1654 JE7RJS N7NF RK2M RN3OA SM4CTT |
| 1692 CT1ELF JA3KZV K0KP K8OD N4WE W0AD W1UE W4LIA | 1684 EW4C JA2HNP K9GS KU2C | 1676 K2RR KU4BP PA9M PY2RN PY6HD VE1VOX XE1YD | 1669 HL5OC W8VI WA5NOM | 1661 K7FEL RL2A | 1653 K8ZT/QRP |
| | | | 1668 7K3QPL HA5LQ JF3LGC JL6USD K2DC NE3H | 1660 AD4AA | 1652 GM3WIL IK0ZIO K3WI N3ZOM N4FY N4ZR |

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| SP9GFY VA2IG | 1644 EA4DB JL1WQO KG5UZ NM1G OH6JKW W0BM W9OSI WA3FRP | 1635 AA4A JA1DCK | VE1RGB W2RA W8PI | VE1JF W7YW | 1612 DH3KM JE1CTA SV2CLJ YL2TD |
| 1651 JA1FVE K7GA VE6SH | | 1634 CT1BOY F4FLF JL3DGI JM1JIV K5HTE N7RD US8UA | 1627 EA4EPY G4NBS K0NV N6DHZ N8AGU W0ZS WA4NUF | 1619 AA5TL DL5AVJ JH7IQQ K9AQ ND7J W0SD | 1611 IV3TMV JK1JAS JN1NOP K4CGY K6LPO W2NY W2UDT |
| 1650 CT1AHU NU2Q | 1643 F5NTV K4FX | | | 1618 AD4Z K4OCE KF4MH N9CO UA0FDX W8WVM YO9CEB | |
| 1649 NU0C W0JW | 1642 DL1EK LA2IR W1HEO | 1633 KI6X RA6AAW RW9SG VE3IQ W7JW | 1626 W4AG | | 1610 IU8IYE JA1GVT W2GFF |
| 1648 IK1ZOF JA1NLX JA6BZA K9EXY KT4AC N5MT | 1641 DJ7JC I5XFD JA4HXF | 1632 AA3TH DL2CC JA1PVX S51MA WF4G | 1625 JH8CXW W3OOU W4QK WB1DX | 1617 JG3KLF K0CF KM8AM VA3OKG WB2HJV | 1609 JA1CCO JH1XFR JH3KAI W6ZQ WJ2R |
| 1647 DL4UCS JA5QAH K2QB N7TM YV5KTM | 1640 K4QD K6XM N4XMX | 1631 K6UNE K7CMR PT7DX SM5BNK SP5UAF | 1624 AD5MD JL4CVG JR1WYW K3VAR K5HK N8WRL UA9CNX W5SJ | 1616 HK1X HK4EI I5FLN K3GW N4ZY* W6OUL | 1608 AA4FU EA5K I0KDF JA2CUS JA2LWD JF1MTV R3IS W5ZE WA6HBR |
| 1646 HL1AV IZ5EBL JO3WHB N0AMI NY4I ON6KE YO3VU | 1639 AH6HY DL5EBS JH2GZY LA3PK WX0Z | 1630 JR1CAD K7HC KM7DX W6KGP Z32ZM | 1623 IK2QEI W1OK W5SUM W7CP | 1615 JI1HNC W0FG | 1607 JF3SFU N9AKR ON6NR SM3DXC WB1EAZ WB6BFG |
| 1645 AC0W GM0VRP IK4HLO IW7EBE JR1JGA KP4AA N1BCL* R7HF R9JX VE3MM W9MR | 1638 KM2E KR4BD LU1FAM N9TK | 1629 KW3W | 1622 KF4NEF NW7M | 1614 IK7HDY K1EO LX1CW OK2ZA UA4PK W5WLA | |
| | 1637 DK3BK JA9RT NA3F YO8CRU | 1628 DL6GBM KD4SN KW4J N4MEC N8GP NW4M SV1BYI SV2BXA | 1621 W4KK W6CUA WB2CLL | | 1606 G4AYU IK8YFU K3KY W7VS |
| | 1636 K1LEC RN6AJ | | 1620 9A6ST I7LGM KC9FFV SM5OJH SP9IZV | | |

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| 1605 NP3CW SP5GQ V51YJ WF5E | W3OU W5RYA WX0E XE2MX | WA4FLZ* WB7QXU | 1582 JQ1PCX LU2BA N0KK NZ6E W4UFO | K7LFY UR4CWQ | 1567 IS0MVE WB2AA |
| 1604 AA8KY JK1NIU K5QR N4MI NU1T WB5STU | 1596 AF4CD CT1ESO DK8IZ N8DUY N9JCS W2DEN YO9FQT | 1589 AA3AZ E70A EA4D F6FYD IZ4AIB KE9U WA2BOT WB9PNU | 1581 JR4VMS K2WJ KJ9X VE1ZZ* XE2YWH | 1574 AB0RX G3LAS* JF2JRD NM9P PT2ADM RU3A W7/DL1UF WD5BJT YV4DYJ | 1566 E77S K0IS N1KX |
| 1603 W5NUT WA9DU WT2P | 1595 DK5HZ K4WFM | 1588 DL7UGO ER0FEO FM5CD K4SAF KE3X W4PGM | 1580 AE4M F5LIW OE6CLD | 1573 DL2HRT EA5ZR KB5HC PP7LL WA3GNW | 1565 JA3IWB KE1B TF3JB YB2TS |
| 1602 KM4HQE VR2XYL W0PE | 1594 E74A JG2TSL JJ6WZS KD0AA SK0QO UR5WIF | 1587 G1VDP JG1OWV RO7T W3IZ | 1579 DL4DW K2ZD K4IE NA1DX W4WN W9BS | 1572 JM3GXU | 1564 IK4TVP N6RFM |
| 1601 KY9KYO SP4K | 1593 HB9AAA I0WTD JA0FLL JA3EEM NK7Z W1ASB | 1586 EA2AA IZ8EKL JR3ADB K4GK N5OHL SV8LMQ W5DM* W7TSQ | 1578 JE3FOR JH1AQN K7LY ZS1DX | 1571 DK3PZ G4DYC HL5FBT IW5EIJ JJ3FRB N5VR | 1563 IV3BSF K5RKS NC2Y W4AEJ W4NBS W8BI W9QO |
| 1600 JR5VHU K4AB KB2XJ N1EK N9DD W6BCQ WA1EHK YB1RKT | 1592 DL5RDI KU2A VE7CV VR2XLN | 1585 CE3BT JR0RBY KE4SCY KN4JX | 1577 JA4ICR JA7MNF JL1ELQ JM2QWQ K8DE W6HDG YV5AM | 1570 DM5JBN K1KI | 1562 IK5QPS NZ3M PY2OP YB0NFL |
| 1598 CT1ELC IV3FFI IZ0ADG KB5UNX KI8L N4XX W7TUS | 1591 JA8ECS JF1WQC UT5URW W5VU | 1584 JF1KML KS4V N6WT N7JB | 1576 EA1T JE2DJC K5AC K7CU W5WI | 1569 CT1HHP DL5CT EI1DG K6BZS KC4HN RL3BZ UA1TAN WA0PFZ WB0ULX | 1561 E73W JF3GFH JL1VAL K9CJM N6VNI W8JA |
| 1597 AB9M I8MTQ K3IE K6EGF SM6TKG | 1590 JR3TOE K0BX* K4KL NN9X SM5HJZ W8MIL | 1583 IN3EQZ KJ5PQ N5EE | 1575 DD3KF IZ0FUW JA1NQU | 1560 KG6D ND1Y UA1CKC | 1559 JG1LFR JH0AHI ON4ACG VU2YYF |

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| 1558 KI4TZ N6VS N8IL | JH8JYV MOVAA NE0DX RA9SC WN7J WQ7B ZL3TE | G7IRN I2DMI JJ1OKK JK1DDG K3HW K8DP | 1539 HL4CBX HL4XM K6ME KB7V KF9AF N5ID PY2CP VE2BWL | 1532 HK3CW JE3PCP K8ROK OK1FMX UT2AB | 1525 CT7AUK EW2DZ KE8G NU4B UT3UX WX2CX |
| 1557 7M4CLF OH3PYY VK3KE W1JGS YV5KAJ | 1551 DL6DCD JA0NPQ JA6GXP KD4POJ RD9U WA7HQD | 1544 7L4VYK IZ6ERS JA2ACI KC4HW KS4XQ M0HIH N4ST N6NR | 1538 JA4RED N8BK PY8WW | 1531 JK1EBA N3AIU VE7XT W5SWV WS4C | 1524 DJ7WG DL5KUT JA7DPC JE4FNC K6FM KM5VI LY3BY M0URX N6DNU N9LEO NV4A RK9UM W3KHZ W8WM WR7Q |
| 1556 JA6GMC K8TB R3DL RA3M WJ3A WW0E | 1550 JA8RRF N6EM WA4USA | 1543 CU7AA J68HZ KI6MQX N5CQ RZ6DX UA6J VE6BMX | 1537 JG2LGM JH1RVQ KE7W N7TR RZ3EM VE3OTL W4OV W6DCK WW1V | 1530 5T5PA I0NUM IZ7EVZ JA1DFK K7CMZ W3WST W7BEB WA8LRW | |
| 1555 HB9TKB JA3UOQ KA6A KK7YC N3ZP VK3TC W4DTA WT9U ZL3PAH | 1549 AC6BW DL3NSM IK0TUM IK7AGT K1CBK K8LO PY4AZ W8AKS W9WO | 1542 DL2RPN JD1AMA JP3OIK MW0CBC W2GB WA9PWP | 1536 DL5ZB EA5GHD IK4FNF K4AU K4MQM W5FPT | 1529 EA1P I1CMA JA9IWR N1PEB S59SV VA7DX W1HS W5RZ | 1523 EA3ESZ RV6LX |
| 1554 AA6K CT1ZW* KE9S TF3VS W5IP WC2L | 1548 JG2CNZ W7FI | 1541 DL1MEV DM6MA HA5KFV IK2RGT IK4YCQ JA1XPH JG1ULT SV1XV W4NE | 1535 HB9PUE JE1GGI W4UDH | 1528 DS3EXX JL1JVT SP9TPZ ZL3AL | 1522 CT7AUP DL2RD DL8DXF JA7GAP K4ZRJ K7STO KB8DRK KP3AH NR0P SP3WKW UA9LAO WB2ZAB |
| 1553 HL3ERJ I8KHC IW2BZY JA9APM JP1SRG JR1AIB KE4BKL SV3KH W4CSW W7BQ | 1547 IW2ETR JH2AYB K6QU N7OJ WA3GFM | 1540 F4BDG K8LY OZ1BXG WA8A WB0OQV | 1534 DF2WF DJ2VO DS4NPL EA1WH JH1CML K2OP VA2LM | 1527 JS6QOM N3AO R7LP | 1521 EI8KN JA1UWB SM6VR WA5UA |
| 1552 AC2G | 1545 EA4DUT | | 1533 9A0W JH2KXN K2CS KI7AO | 1526 DS2BGV G4DXW IK5ZUK K8JJC UA9AGX | 1520 4X1UF/M AC6ZM G4RGK |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| GU4YOX | W2PD | N2YBB | 1503 | AE4AN | WB1ASL |
| KN9P | WB1AEL | OZ9XU | IK0PCJ | DL5KW | |
| KY5I | | WN9O | IW9DNI | EA4TX | 1496 |
| N6WIN | 1514 | | JQ1EST | EI3CTB | E73M |
| SP3EPG | IW8CGX | 1509 | K8MN | I4KYO | IK6ZDC |
| WA3WZR | JA1PLL | JA0HWF | KB2ZPB | JA4DNC | JA8FKO |
| | JJ2NWI | K0KL* | NC1M | JF2SQB | JH1LAH |
| 1519 | KJ4R | KB8GAE | ON4LG | K2HT | SM2OTU |
| F4DSE | M0TTB | KG5VK | SQ7FPH | K4RDU | |
| G0THF | VE3TKI | KI9A | UT7EC | K5EWS | 1495 |
| K4TXJ | | LA2DS | YB0DJ | K7CTV | AK1N* |
| K7DSE | 1513 | R3BM | | KD1AB | JA7HGA |
| KS9J | AE0MO | UA9MC | 1502 | KM4VJW | JH8FIH |
| ND4DX | AG1I | W1MJB | 7N4SQJ | N1BZ | JR1LZK |
| UY2UZ | JA7BAL | W4REX | 9M8DEN | N5VYS | ON7DR |
| WA8CDU | KA5V | WA5YNB | DL6WT | N5XJ | |
| WB4SON | NN5E | YU3MAY | K6JJ | N6VH | 1494 |
| YO9BLY | R7IA | | K9LCR | N7QU | G3VAO |
| | UA3DK | 1508 | KB9AIT | N9LF | G4AFU |
| 1518 | VE4EA | DL0WW | KN7K | OH3FVP | KI4TWA |
| HK6K | VE7UF | IK4DCX | N2PK | OK2MDC | N4KM |
| IK1DFH | WQ1H | NN6K | NK5B | OK8DD | W1DAR |
| J11VVB | | WV4V | NN2D | R5AK | |
| JK1UVP | 1512 | YL2EC | WA9JOQ | UT2VC | 1493 |
| K4HQB | AA5TA | | YB4IR | VA7QI | JA3CMD |
| NJ0U | EI8GS | 1507 | | W4HY | JG1WNO |
| | GM4KHE | EA7DAP | 1501 | W9PDS | LA4JGA |
| 1517 | HB9FBM | K3GO | HB9AGO | WA0JZK | |
| AD0K | JA1SZN | N0VVV | HL2DBP | WJ0T | 1492 |
| JG1JPE | JH6WMJ | W0ELT | JA6NEJ | WO5I | IZ0COK |
| K1FE | K0HB | | JJ1DJW | WW7Q | JA2QVP |
| K4PKM | K2CYS | 1506 | JR1SLU | WY7FD | K5NOF |
| N4MIK | NV1Q | CE3FZ | K2SHA | YB1RUS | N4PGL* |
| N9CDX | RA9LT | I2YPY | K7PT | YB4CHP | WW8RT |
| W0ANZ | UW2XW | K5DV | KB1YNT | YL2BR | |
| | VE7VF | N9AZZ | KJ4YLO | | 1491 |
| 1516 | W1ZS | W2XX | KM2O | 1499 | I8NHJ |
| DJ6TF | W5FL | WR2G | KU1T | IW4CIL | K0JN |
| K0AU | W6GJB | ZL2CC | N5XE | K5LY | WD4IKI |
| K0GSV* | W6ZO | | ON5GQ | KF6A | XE1ILI |
| KC5PL | W7VAS | 1505 | R0QA | N7ZA | |
| VE1DUN | WA2MCR | JH3PAS | R2DO | SM5APS | 1490 |
| | | W2SKI | UA1OM | VA7DXX | AJ4F |
| 1515 | 1511 | WK9U | W5AAJ | W8LR | JA6HUG |
| 9A3MA | DK8UH | | W5DXQ | | JE1NVD |
| CU7MD | JA5JGY | 1504 | W8SP | 1498 | VE3QAA |
| DL1MDZ | N1PM | DL9DRA | WA5CMI* | KA2CYN | W4PG |
| JA6NQT | SV2SIF | JA3PRM | WF7T | VE3UTT | |
| JF7RJM | UU7JM | JK3NQV | WR7T | W1GF | 1489 |
| JG6MQI | W4ID* | K7CO | YB0MWM | | F9CI |
| KP3V | | KF0NYM | | 1497 | JH1XXB |
| N1ZJ | 1510 | W4UAT | 1500 | JR2IMJ | JR2BJE |
| W1XV | DM3PYA | WB1S | AA4US | K5YG | K1EDG |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| N6YEU | 1482 | LX1KC | KO4PRE | 1455 | 1446 |
| N8OQ | DL3IAC | NX4TT | N9OY | AK6A | JA8ANQ |
| W1LY | I0GKP | W9NJY | UA7T | ES1FB | KH6U |
| 1488 | K1XE | 1472 | W3DQS | K2KIB | YO9IKW |
| CU2CE | NG0G | AK7O | 1465 | N9MB | 1445 |
| K8AJR | 1481 | CT1BOH | K5YU | UT5IP | DG1NPM |
| KC4GL | DL4FCJ | JH1APZ | K7VC | 1454 | EA1PP |
| W6JTI | SM0NUE | KV7N | N4UFP | JA1UPT | KJ4UZU |
| YO2LLL | W2TX | LU2DSL | YB2MM | K0TI | NJ5N |
| YO8RSL | 1480 | N6AWD | 1464 | K4IA | 1444 |
| 1487 | AA1M | W4WG | W5LUA | 1453 | JA0BOV |
| LA8WG | AA5SH | YO3GJC | 1463 | KD2SC | JR4ABB |
| N5UE | K0XN | 1471 | IW0AFS | W5QP* | K1KNJ |
| N6IG | K8ZH | 4X4JU | IZ0FYW | WA4TII | N3AE |
| W4PGC | KX1A* | EI4BZ | N3WD | 1452 | W4QG |
| 1486 | N9HF | N6FS | 1462 | EC7B | W5FK |
| DF7FC | W4UW | 1470 | DJ1OJ | KB4CRT | W6SIY |
| HL1VAU | 1479 | IZ8DUD | IK8OZV | 1451 | 1443 |
| N0LD | AB5GU | JA4MEM | JG1LRE | JA2XLV | JA1ERB |
| N8XI | JE4RAL | JH6RTO | KI4R | KU9S | K0LU |
| W7HUY | JJ1KXB | K8GT | VA3HP | OV5O | N5DT |
| 1485 | VA3AYA | KF0RQ | WB3BFC | 1450 | PV8DX |
| DF9HI | W0YK | WS1F | 1461 | DJ5DT | TF3Y |
| DM9EE | WA3SKQ | YO3IPR | JA6JSY | EA8TK | W8TM |
| HP3TA | YL2CZ | 1469 | JJ1DMH | IC8SQS | 1442 |
| IK2WPO | 1478 | HB9CYV | K6KR | JA2BUR | EA1AZ |
| IZ0GKB | A71AM | K8AJK | 1459 | K2QMF | K3VPZ |
| JA2JID | IK3GBG | K9DY | HA5UK | K5OVC | K4NC |
| K1ROA | K7QBO | KE5BR | IK0WMJ | KI2D | K6VV |
| 1484 | 1477 | SM6WET | K8JRK | KT8D | KO4PY |
| DL4FDM | K0BRO | XE1MW | S50U | W4TUN | KP4N |
| IK2RLS | W0IKD | 1468 | 1458 | 1449 | NN6L |
| IK7YCE | 1476 | DC8TS | IU0ICA | DM5EM | SP7UWL |
| JA7QQQ | JA1BON | DL2MIH | K8CQ* | KP4DS | WA8RCK |
| K0MFI | N1RP | DL6RA | 1457 | W1WV | WT1L |
| KM4VI | N2BI | N9LQ | IK5EKB | 1448 | 1441 |
| LA9VBA | W7IAN* | W1FC | PY3VB | K1IED* | AG5CN |
| W4ATL | 1475 | W6FEL | 1456 | NR0T | DL2VFR |
| 1483 | G0SYP | WD6T | LU2AH | 1447 | K7PT* |
| 4X1RU | JF2TJJ | 1467 | PB9FN | AF3X | 1440 |
| JA3WMS | JJ1UHZ | DL1QQ | W1EBM | G4PVM | CT1DSV |
| JE2VFX | LX2SM | K8LN | W5MF | K9KDS | HB9FAI |
| RU3UN | 1473 | 1466 | W5RDW | KC2STA | JA8BOV |
| S57UX | DL0AVH | EI4CF | 1445 | WA3GM | JA9KRO |
| W0OGH | KT8O | JA3MIO | WM4AA | WA3GM | JH2NWP |
| W4GHW | | K4RW | | WM4AA | NE5S |

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|---|--|---|--|---|---|
| 1439 7N3IJT DL1VDL IK2GAO IZ5EKW JA4FKO KJ6Y KN7D LA6FI N2XQM | 1432 K4NTO N0TK PS8ACL UN7BY WX3P | 1424 A61BK G3PSM JA4OIJ JH1CJQ K4GHS | 1416 AA9D KG4USN LU3VA OH3KAV | 1407 K3ATO KB0V S59DJK | 1400 JF1MUI K7RAN OE1HHB W7NP |
| 1438 DF1IR K1TKL | 1431 K5OO K8MVZ W4AO | 1423 N3FG N4NQ W5AP W7XE | 1415 DF5DH JA5MOO VK2AAH WX4F | 1406 I0EKY N4VN N5TF VK2HV W6DPD | 1399 F5AQB JH2MYN JR4VEV N2ED N4UA NA8W ON4EB WH7W WZ8P |
| 1437 VE3BZ W0ZR ZS6KR* | 1430 N1SZ W4AXL W4DWS | 1422 3A2MW DH4JQ I4ACO JH8JBX KB4CL W9SE | 1414 JH5RXS | 1405 F5IYJ JK1NPH K5DCW K6XJ LB5GI N1WON N6AD N8HO NF7D WN7S | 1398 K0SQ |
| 1436 K0YL K7JH KK4CLY KT4O NY4G | 1429 AA4ZK EA7AN JJ1LID OZ2ABI TA1L W4HGW W4WJ | 1421 CT1ETE CT1IW DJ4KW EA3HDZ HB9DQD JA3AYU K0IO K5TU | 1413 JA5XPD N6XT RX3BP TF5B WA2VQV WB5ZAM | | 1397 HB9BMY JR2PAU N4QM N9BVA SV2JU W7QC* WG9L WI4T |
| 1435 A92IO JH1DSF K1WO N7WI VE3FRR W3WH W4GF | 1428 DL9MEN N3HBX N7UJJ OE6VHF | 1420 KM2L ON4CN TG9AJR | 1412 I4UUL K7PO WA6URY WB9W | 1404 AB6CF DD0VE HK3J JA4EZA JH8KIY KB7AK RN3QO VE3NJC | 1396 DJ8WD JR2HRR KF8PD NG6R YO6HOY |
| 1434 BA7NQ CU3BL JE6AVT JH8WXF OZ6EI WC2C | 1427 ES2IPA JF2SKV KA5JSM W9UM WC1M | 1419 A92AA JR6DM LA9PJA N7KDT W6SHY | 1411 AI9U K8WHA KB1DMX WQ5T | 1403 9H1AE HP2NG JR1TNE K4MIL N7RVD ON8VM WE8L | 1395 JA6HOZ JH3HTD JI8XLD K2DH OE1TKW VA3IC W5EC W7KW |
| 1433 JA6SRB K1OYQ K3MM K7ORK W4HOG W6OPO | 1426 9H1EJ SM4GVR WA5KBH | 1418 W5GJ WA7HR | 1410 DG8YFM KN6VTC NS4X VU3CAU | | |
| | 1425 DL6NW JA3BKP JH3PRR K0XR N0TR W2EQ | 1417 DL4ZAB NX9T PY3SB W8HB | 1409 JH1HLC KC2THY W1PR W3DIY W5KFT | 1402 5Q2J HL5YI I2KBD UA0SE | |
| | | | 1408 G3VQO JA6XE N4GBK | 1401 JA1DXA W4LEW WJ1X | 1394 IW4EII K6EI PY2DY |

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|--|--|---|--|---|---|
| 1393 NB3R YB0AZ ZL1ANH | 1385 8P6SH AK9B DJ8KM G3PLP K8WVA KG4JSZ W6BBS WB8EKG | 1377 KC1ERO KQ5S PV8ABC W4DN W4PRO | N2DXJ SM2LKW WB8EJN | K1LTJ N3KR W7PAQ W9GE WA8LOW | 1356 IZ2USP JA6ATL JA7OBO K9SUH TF3SG |
| 1392 EA1BLA KA1CRP N7TP NT9F VE3CX WQ8T XE2B YB3MM ZS6IR | 1384 JK1LUY RW3SU SV1IXK UN7BK | 1376 EA2BFM GI4OWA JA2LHG N0YO NA2R ND7K ON6ZV RA3CO YV4DNN | 1370 LA6ZFA NA5YO | 1363 9A3NM CU3HY DJ8SN JA9CGW NX1P TA1AL | 1355 AK4PR HL3EHK K8EJ KI7HO WB2KSP |
| 1391 IV3DXW K7VV NI5G SP5GQX VK2GR W7AJ WB8FIW WX8C | 1383 F5EOT IK2GOQ K4DET OE1JIS OZ7AM | 1375 EA3NG IZ7GXB JH8XVT JS1MRA KD2GC NI4Y | 1369 7L3SQL JH3MHI K8ZR N5FEE | 1362 JA1TOU K3SUI K6JAT* NI0K PT7CB R3BB UR9IDX W4RQ | 1354 F5MZE IT9JPS IZ2EIH JS6SCC KS8W W4DCY W4QNW W4WX W8SET WA5TXY |
| 1390 DM3CW JL1BDI K4TR N8II | 1382 E73D HB9ESS NR4M VA3CW W0RXL | 1374 AA2DT DJ9SO NI7F W0MS* W9VQ | 1367 G4VMX K0FF N4XU* SV2DSJ W6ZPL W7AAD | 1361 AB2DP JA4ONP KM4A N8TFD TA6N | 1353 HB9EXQ IK2GAJ OH1ECQ W3DVY |
| 1389 DL6KWU I5YDO K5LC KN6ZZI ON4CCN | 1381 DK3TL G4DDL KK4XL | 1373 AF6PK K1TWF KO6LU W2PS W4TNX | 1366 HB9BEM JA2KQE K8GWU N5JEY PY2HH VR2VAZ | 1360 JA6FEG JI1QIO RU3UR | 1352 K2CDJ K6DJ KA1API KA3CRC NC4AA NZ9Z* S57AL W1RH WS4H |
| 1388 CT7ANG | 1380 KB9LIE NC6RJ NG9J NR8Z | 1372 AB6Z AC4BT N7NW W4AFB | 1365 G3KAF HA5OLA HB9ODP KC9WPS N2FY OE7FMJ | 1359 K8MRT OD5YA WA1NXC | |
| 1387 JJ1BDX | 1379 I5GKS JA8EKU K6UXO N0IW N5HC | | 1358 AE5FM WX5L | | |
| 1386 DL2VWR JA7JM JI3KHV KE4FW OH6OK W0SHL W1GY | 1378 4X6KJ JR2BYJ K9JE* UA1CEI | 1371 EA7LS EI5KO JH8LEY JK4JMO K3JWI K6JW | 1357 IK6RFQ JA1VRY K4RM K5CQT W9ZT | | 1351 JA2HIJ KD5R |
| | | | 1364 AE4WG EA1NK G4ZWY JA1UOA JA2CGH | | 1350 AG6HE EU7X EW4A IK2HDF JA0NFP |

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| J11CYX K0QB KA9J KK8X | AC6DD JK3GWT W6HYI WW1L | IW1PUR | 1330 DL3ANK EA4S HI8CJ JR2ATZ K3LA N2MEE NI3K OH3TY W4WIN | 1323 OH1LR WO7V | EA1KE JA3AOP JH1CTV K7WK SM0W VE6SV |
| 1349 EI5JL JA1TGO K2QL N3AF | 1342 7M2VAP AA8M DK8FS EI7GY HK6P IK0PRG JF1JTQ K9BO VA3VET W6VNR WB2GOK WD9Q | 1336 AB5YI JN1RKE KP3V* W8VK | 1329 K1APJ KE4WI W6HGF | 1322 DL6KVA G6NHU IK8WCA IT9CMU IT9DDS IZ4VSD JA1BWA JA9FO JG1BOK J11QZQ K2OO SP3FYX VK3OT W4DVG W5JE | 1316 EI3ISB GM0VIT JF7NNI K2JK KR4DA M0MVCV NC6R WA2QAU |
| 1348 AA7UN AK3E JA1ITJ JA8LHN KE4KMG RU0A | 1341 CU2AF JS2GFA N0RC N0RR R9HBF W4UT W8PAT WD8LTM | 1334 JH1OVY J11EIX K7RR S50N SM7DXQ W5TFW W5WS | 1328 KJ5Y SP3CMA W1NR | 1321 DJ5EY HK3CQ IK2ULM K4LQ K4NST K7EKD R3QX | 1315 K2OGD K4JUJ N2BT WB7VNY |
| 1347 GW0ANA JR7COH K3BZ K8VD | 1340 GM4YMM HB9JNM IK5LSQ KB0EL W0GN W4TE | 1333 IZ0GVZ K5GM KY4G ND6S S57A WB8TGY YO3HOT | 1327 9A5VS BX5AA JA1PUK JH1EVD N1HO UA0APV W0IJN WR5Y | 1320 JA1FVS JA2DLM JG3KMT K3JM W1RG | 1314 G4IDL N4DJ VK5CE W2FCR W5WZ W8AF |
| 1346 JA6JPS JG1AID N9MW VU2ABS WA1LAD WA6KHK | 1339 EA1K IK1NLZ KP4DKE | 1332 DJ6BN JA5ICH JG3WJN JH1HRJ JL8IPF K4KAL KA3GWD NA5S | 1326 DF7GG JE7JZT N1QAE W3TC | 1319 9A6T DL3ZH EA1EA RN5AA VE7VV ZS2I | 1313 JA1DCO JH2PWW K4ZA KP3R TF8GX |
| 1345 R7FF SP5DL W7XZ ZL2AO | 1338 9A9L* HA7GN K5MO KD4OS N6TR SM2HWG W3ATV | 1331 JA3KWZ JL1BTJ KL7NW RA3SD RW4WD WZ4RC | 1325 EI5GM G6AD JH6IMI LB2EG SM1NJC SM5AKS W3NRJ | | 1312 AD0TR K9UWY N0ACH NC7B W4PV |
| 1344 IZ3GOO JA3BG JJ2PIK K4IU K9HQM LU2JCW N5KA PY2ADR VE3TM WA8VSJ | 1337 IK0CNA | | 1324 J11JPJ KI7M KR4U SM7BHM SP6OUQ W3KN | 1318 IZ4IRO K0HQW WA2OTC | 1311 AI0Y VA7XX W2GR W4HM W6DVS YU9MBA |
| 1343 AA4EA | | | | 1317 AA5H AD7XG | |

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|--|---|--|---|---|--|
| 1310 IK0PRP JR6GHN N5OP OH5XB SM7WVZ SP6DVP VA6JV | CU7AJ DL5JS IZ8DEO JA3DAY KI3O WG0G YB0MZI | YB1AYO | KB8KIM W8FAX W9MAK | N6DVR Z34K | N3ER W2HDI |
| 1309 K1WY K8ARY N2TC NJ0F W1JMM YV5JGO | 1303 DL1SDH IK1BQD JA1IHD K0ABC K6GFJ KT0P PA7MM W4IDX W9RB | 1297 AB6L DK3HV JA7JND JA9BEK K9JDP N9XG TA2RC UN7TX W7CQQ WB2UFF | 1290 BG8PA K9JP UA1CGS | 1283 EA1AUO K8DJC N7TW W1DXH W2OL | 1276 DL4HRM F5TMJ I2LXA IK4SBR NZ0O OH2ID VE7ON WB8RFB |
| 1308 DL1SVA HB9TJG HC8N HL1MKT N3HYB N4HGZ N9RV | 1302 A65D JA1AKL K2MHE KC2LSD LA5LT N9AVY W4CIR W5HMK | 1296 CE3EEA IK1ZNM JE3OUW JK1PEC N0SL OE7SEL PT2ND W3KHQ | 1289 AC8L JA7FSB JI1BJB JS2KWL KN9N NN1SS OZ7QB | 1282 A71EM JL1IHE K0KV K5GZR K9MX W2OSR WW4LL WX2K | 1275 JP1EWY K1WNT UA4PT ZS5LEE |
| 1307 N1BY VA2LC W9JOE WA9IVH | 1301 AA4MM M0OIA OK2RZ | 1295 G3GAF G4SGX N4KEB PA3FWV WB9DLC | 1288 HB9FAZ I5SDG IZ2CSX K6RC N0ATQ W8MSP* WA5SOG | 1281 DJ9CW KB5IY KC9G N4WD OH7LZB W9GM | 1274 GM1BSG K1BZM W2UB |
| 1306 AI2S BH4SYG CT1FJK DJ2UU DJ4PT HB9FAX IK8MRD KD0S OH5LQ W2FB | 1300 9A2GA JE6UWU JH8MZF KJ7NO WU4B | 1294 DK3FB JH7RTQ KN6H PF7M W1PY WB9TFH | 1287 CT3BX DS4DRE EA6AZ JH3GRO KC4AA | 1280 JA3MNP K5DNL W1NT W7GA | 1273 IW1CAB JA0AVS OK1MBW PU2POP RZ0L |
| 1305 AA6PI K0TV N6DW N8OCN WD0EVR | 1299 CT1AUO HB9ECS W1MRH | 1293 JA1XQC JE7BUH SM2YIP | 1286 DJ2RB K2DF N5TU W3/NH7C W8QXR | 1279 DJ4JZ JA4VUQ K2HJB K4GN K9KEU WA2ALY ZS1EL | 1272 DK1KW EA5GXI HB9DRS JE4WOK JR0GXA K4FDP KB3LIX NA5NN RX3X SM5BFJ |
| 1304 4Z5GV | 1298 CT3BD K8RCT N2SG N9OF UA3GT UT3KW | 1292 K3RWN N9NM | 1285 7Z1SJ K8LBT KG6B N4ANV N4IDH W4CMM | 1278 F5DBT JA7KQC K6LD KC2WUF WF4W | 1271 DL7ACN ND6G W5GVP |
| | | 1291 AC8TO AE6Y I6KIU K9ZG | 1284 K1PTF K5FXB K5VG | 1277 K7EV K7MY | 1270 DL2AMD I0YR JA6JYM K7MO |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| KZ7Y | WO4D | 1256 | R4FAN | IK2LOL | K6UIP |
| R3QJ | | NN4EE | SM3CZS | IZ4ORF | KR0O |
| RU3OW | 1263 | VE3PJ | WB9ZNZ | JL1QDO | N3TTT |
| SP2DW | HB9FAN | | | K4EQ | N8RF |
| WM9Q | R6MO | 1255 | 1249 | SM6CGI | PY2AB |
| YB1BML | YO2BS | JH1SWD | JA4CSJ | WA7RLL | VA6SZ |
| ZP6CW | | JH4VDP | KK6T | | |
| | 1262 | N9GKE | | 1242 | 1236 |
| 1269 | 7J1ABD | NE5W | 1248 | G6GA | DS3EXT |
| RN0C | JE1CPB | W3HER | EI7JZ | JA8DBU | JA1UBZ |
| W0ZT | JF1CPH | W9AP | K5SES | JK2VOC | JA6MWW |
| | M3DFW | | NZ0T | KD9TAW | JM1CMA |
| 1268 | W0UVC | 1254 | SV3RKM | N2CJ | LU7HN |
| EA5XV | | EW1LM | W8MRL | NR0Q | N8KU |
| F1JKJ | 1261 | KE5MMT | | VE3FAC | OM0AST |
| I8PND | IK5BSC | LA7NO | 1247 | VE4GV | R2AB |
| LB2TG | K3TLP | W2FS | AA0FT | W4AVY | |
| PY2XAT | WA5YOM | | IK4GRF | W9XQ* | 1235 |
| ZP9MCE | WB8YTZ | 1253 | JA3KKE | WA8Y | EW7A |
| | | EA4XT | JN1OXN | | JI2EMF |
| 1267 | 1260 | JH8CFZ | N6ORB | 1241 | K9AAN |
| JA4HDO | JG1IIF | OH1LAR | SQ8J | JL3JTD | N9ATF |
| JH0CLK | JH4CPC | PY5VC | UA6XT | K1JX | W6IZT |
| K0GEO | K8OS | XE2W | | K5NV* | |
| K3TRM | K9GY | | 1246 | VE7VZ | 1234 |
| K4ZMV | W2NWU | 1252 | AB6BT | W8YV | IK0OZD |
| OK1ADM | WC6Y | AB9KZ | DJ9BX | | IU4BJC |
| W5IO | | K0KO | I2XIP | 1240 | JH0LME |
| YU1FJK | 1259 | K2RNY | N0VD | JA1ILA | JH7NVJ |
| | DF3FJ | K4FK | W1ECS | K2FL* | K4LRX |
| 1266 | G3HSR | KB4KBS | WA8EQP | KC3AK | K6RR |
| K1TU | JA6SQR | LU5FCI | | KX6C | N2WM |
| K4ZNC | K0RAR | MU0GSY | 1245 | | W4NDX |
| KB2S | UZ1WW | SM4BNZ | 9J2BS | 1239 | |
| NG4C | | | K2SZ | CE3CT | 1233 |
| RU3U | 1258 | 1251 | KH6XT | DL5MM | JH0LQD |
| US5CB | F4CPF | EA1WX | KQ5U | N9EAJ | JR3MTO |
| | F5NNN | HL4RBR | N7RP | NC7M | SA3CAT |
| 1265 | JA2CPD | K2GLS | VA3NXM | W4MPY | |
| F1OBJ | W4NF | K9UO | W0CK | | 1232 |
| JH8NQV | | S51AD | W4ARK | 1238 | K3CWF |
| KD3UY | 1257 | UA2CZ | | 4X1VF | WB6AXD |
| TA1PB* | 4Z5FL | VE3VV | 1244 | AD8NQ | |
| W4EJG | IK5SRF | W8LIG | A65BD | DL7BO | 1231 |
| | IK8TEM | XE2AU | AA5B | LZ1XL | G3YSX |
| 1264 | IT9VDQ | | AA7X | VR2PX | IK8PGE |
| DL7AA | JA7DOT | 1250 | IZ2MHT | VU2TMP | IW2CAM |
| HB9HHH | K1GND | AA6XV | N6GR | W6PG | JA1PLT |
| HB9Q | KC4PX | CT1END | NN7X | WC4V | LB8OH |
| K0UU | S51DV | JG1GJH | WU7X | | W2FKF |
| K8CR | W4ER | JH0AKV | | 1237 | |
| W2EJG | WB9B | KB8U | 1243 | EA3ATM | 1230 |
| W4ASE | | N8IK | F4GTB | EU4T | DJ4DN |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| JA1QOQ | NX4D | 1216 | JL4BSE | ON4AGX | JK1BIB |
| JA4OPW | OK1UU | AC9A | LA1CO | SP1NEN | K4GM |
| K0ZR | | DF2QC | N6XG | | K4OP |
| KX9X | 1223 | HI3R | | 1202 | N4TZ |
| N9QQK | AE9DX | JE1AZZ | 1209 | AB0S | NW6V |
| SP7MOC | JA1CPU | SP8GK | EA5BD | JE7LHT | W4HVV |
| VE3AJ | K9IA | WF4B | N6MA | K2RSK | |
| W2IZN | N9MT | | NB2P | N8WD | 1196 |
| WA2C | VK1AX | 1215 | OK2FB | OH2BC | DL1ECG |
| | W4DSM | CT3DZ | | WA4YYM | EW3CW |
| 1229 | | JA1JMF | 1208 | WP4CQ | GM5YTT |
| EA1AHA | 1222 | NY7T | KD4EE | | JA6WIF |
| JA1IFD | EA7/LA9DL | W1MO | KJ2U | 1201 | JE2RBK |
| K3PH | N5UM | | KN4OK | 5P5Q | PJ4/NA2AA |
| K4MQ | W5RY | 1214 | NS0Q | CT3EE* | WA8IQF |
| LA7QI | YO8PS | EA4EJP | | IS0/YO3RA | WB4M |
| N0FCD | | EI2IP | 1207 | JF2QNM | |
| N7TK | 1221 | JA0BES | DJ3CQ | JH7AQH | 1195 |
| W3JXP | HB9TWU | K6VVA | EA6BB | JR6PGB | AC0DQ |
| WA3IIA | JA1QVR | K7HV | JJ1REU | KV8P | LA8PDA |
| | KF8HR | KB2KBC | K1QN | PW7T | LU5OM |
| 1228 | OE7FWJ | KK5J | N8DC | W4GH | N2CR |
| AB4FH | PR7AB | N5RZ | NS4F | W6CN | UN8GA |
| JA3BLN | WQ9N | N9BD | | W7RN | W2ZQ |
| JF1QQK | WU1U | VE3GYL | 1206 | WA1FXK | |
| JF3VEC | | WB9IWN | K7SO | | 1194 |
| JH8WGT | 1220 | | KL2R | 1200 | 4F3BZ |
| OH1XFE | HA3OU | 1213 | W1WSF | DD0VU | IK5IFH |
| UR7CQ | JG7AMD | G0OSK | W4UR | JA8WGX | K2RKJ |
| W2KNG | KJ9B | JH4GNE | W5SV | K2GW | N6VI |
| W7YED | OH2TA | JH8JWF | | ND0C/QRP | R2ARR |
| | WA1HEW | N9FH | 1205 | ON6MX | R5AA |
| 1227 | ZL3NB | S57TA | GM7NZI | | W5CJF |
| JA9EEH | | W4NK | HI8O | 1199 | W9KB |
| KF5WCP | 1219 | | K8YAH* | EI9E | |
| KI0HA | CU3HN | 1212 | LA9L | JA0TEA | 1193 |
| WA0BZA | KQ9J | AA2IL | WY9V | KF3N | DL9SAD |
| | N5RN | DJ0AH | | KO9V | EA5FCW |
| 1226 | WA4TMJ | F5VML | 1204 | N2ZL | K7QA |
| DL3BUE | | JO1QNO | G3CWW | N3RR | WB3AVD |
| EA7AZH | 1218 | UU2JQ | JA0GZZ | NT9E | |
| HA5FA | AD6DK | W0MAN | JR1KAG | WE2K | 1192 |
| HB9DLE | K4VZ | W1UU | JR4PMX | ZS6C* | AJ4HW |
| K1PT | KI0KN | | K0SON | | DJ0IF |
| PJ4LS | SM3OMO | 1211 | N8JS | 1198 | NC6K |
| | | I4FTU | ZS6RJ | IW0AGX | VK3EUZ |
| 1225 | 1217 | IZ3KNK | | JI1FXS | |
| JL1MWI | EA5IAG | K3XC | 1203 | KA5VFU | 1191 |
| W4BH | KB7QFE | WX0Y | JF7DZA | W2FDM | DL8OK |
| | VK7ZE | | JH8DBJ | | LU9DO |
| 1224 | W0VD | 1210 | KA1BQP | 1197 | N1GFV |
| JH4ADF | YB0EIN | DL8GAM | KA7CVJ | DS4DBF | OZ9GA |
| JR1HYA | | G0FWX | N4WMB | HB9ACC | SP5AMN |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| W0SA | K7YZO | IU4CHE | JF1KIG | K4CSB | K6GCN |
| W7VP | LU2DX | N9MSG | VU2DED | KL7RA* | KB8ZUN |
| YB2IQ | WF8Z | UA3NFI | | N2BSA | VE2NGH |
| | | UA6FZ | 1172 | NA4CW | |
| 1190 | 1183 | | DJ9FK | | 1159 |
| DD1JN | IS0EBO | 1178 | IK6WEZ | 1166 | N6TV |
| HL2FDW | K4RP | AA9WO | JA4BUA | DJ6TK | NT6AA |
| IV3BBR | LA2GCA | AC6T | N2GM | F8EZE | RA3LAL |
| K8ESQ | N2RD | K1IB | W1FZ | W5CWQ | S51DD |
| W1BYH | N8WXQ | KT5V | W2FDJ | | WA0GUD* |
| YT7T | NR3Z | W7BJN | YO4CPO | 1165 | |
| | VE3VGI | WA6QGH | | CT7AKW | 1158 |
| 1189 | W7LEA | | 1171 | JT1CS | DD9WG |
| AA9AA | W9FXA | 1177 | 6K5AQY | PA5CW | JA2AXB |
| AF3K | WA9MAG | IK6JF | DG5DBT | W4DFU | JA3AAW |
| G4YCS | WI9WI | JH1EIG | HK3VHZ | | JA3VUI |
| K8TS | YO9FLD | WO5D | JA1DIO | 1164 | JH1BUO |
| | | | K7BWC | JA2CKK | JH2CCT |
| 1188 | 1182 | 1176 | KA3S | JR1FHP | JI1SVY |
| I2DJX | JE3CYW | CT1DIZ | ZL2LW | OZ9U | JJ1IRS |
| JG6CDH | KI5T | DL0IV | | | K1YT |
| K9XR | N5KUC | IK2WSO | 1170 | 1163 | K6SY |
| KO1H | UA9OR | IZ3XEF | HB9BWE | AA2VG | W6IS |
| RW5CW | W0NBC | JA4DEY | K3SW | EA3HSO | WA7YAZ |
| SP3UY | WA3WNT | OZ1DSD | KI2Y | HL5FEI | |
| | WM5H | W9LQI | LZ1CY | JA3EUB | 1157 |
| 1187 | | | N2YF | N3PV | A71XX |
| F8AMV | 1181 | 1175 | PA2R | N7FF | DH5JG |
| G3EKJ | HR5/F2JD | DL7XU | VE3XO* | NI8Z | DK1AX |
| TF2LL | JR3PQA | JH3EQP | W2BCC | NZ6N | F5VMN |
| | K4RMM | JH8LLE | W4WV | PY2RF | JA5CDL |
| 1186 | K9BQL | KB9S | WN0L | W9FF | JA7GDU |
| CT1EPJ | KC4DM | LA1J | | YO4NA | JH1BHW |
| IW4EGX | N9IXD | LB7Q | 1169 | | K6OJ |
| KS0JD | OE6BME | N8QGC | 7N4OBV | 1162 | K6VHF |
| R6AA | SM0BSO | NT5A | ES4AW | DL9GOA | TF1A |
| ZS6NK | W5XU | W6NK | K2FJ | IZ8EYN | WD1M |
| | | | SV1HAK | W3MS | WS7I |
| 1185 | 1180 | 1174 | VE3XB | YO9GJY | WU2G |
| AB1QB | G8APB | IK6CAC | | | ZL1BBW |
| JA1EYN | IK6DEN | JA2AYH | 1168 | 1161 | ZL3REX |
| JA9LSZ | JA2QPY | K6AWR | IK4RQJ | AA4OC | |
| JO1ABS | JR1KBJ | N4LSJ | IK5ZAJ | F6BLP | 1156 |
| K0XM | K0AFN | W4SKW | KY6AA | J11DCW | AA1BS |
| N5YY | K2SG | WE9A | NE1RD | N7GVV | JE2DOD |
| N6KJ | K3HPA | | NT5O | UN2G | K1VSJ |
| | KD9ZR | 1173 | | | K3WJV |
| 1184 | N5EKO | DJ3GW | 1167 | 1160 | KA5M |
| DL6ZBN | N5WNG | DJ3XD | 9A4BL | AG5Z | KM8V |
| HA8FW | WO3Z | GM0NAI | EI4KX | DM1DK | PH7A |
| JH8BOE | | JA6CM | I1FBJ | F6FFR | W6KAP |
| JR6LDE | 1179 | JE2FJI | IW0ECV | JA5SEY | WB0RUR |
| K4JGR | EA2RY | JE2VYM | K1RM | K0FD | |

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| 1155 AA6IO DJ2TG K6ASK K7JY KD2BS SP7ASZ W4RS WA1NLG | 1149 JI1CHH N8AID SP5NON 1148 OM2AGN W4GHD WB4KTC WJ1B 1147 IZ1JIZ JA1SHC K0UBR K4ZXV K5WQG KA5SYP N0AB SV7CUD UX7VA V31CQ W1RCR 1146 DF3VG IK6CGO LA3DV NG3J ON7LX R0SR W8AAX* WA7AVL WB9MSM 1145 DH5MM JA5BZL K4HEB K9QA KN8F YU1JF | WA1W 1143 EA5BZS ER1LW K5XM R8IA UA9AEU W6MYN 1142 JH1HGI KD4CM KS4WA OH2DW VU2NXM W1ES 1141 JA7MWC KZ1X OM3CND 1140 DL1DH K1BG N1BRL N9RE NW8U WQ5C 1139 AI4QQ IU8GNY JE1COB JP7SOZ K9YZ KB0XY PY5JO SP9PRO W5MJ WA9LEY | 1137 K7VL KE7BMG KZ2R N1RM N2MFT NN5G RA0LQ 1136 AD4EB CP6XE IZ0JNY K8CC LZ1MDU RN3A SP5ZCC VR2IL 1135 DJ3ZF EA7LL HB9FUX HC1HN JA8KAW N2WN RN7G VA2MM WA3YZD 1134 IK0UUM JF2ERJ K4ODL KO1I N3GS VE3KKB W7VV W9HZ 1133 AD4RE SV3EXP VE9VIC WA4AFE 1132 JH1GNU KB4EE KK4MA N2WPT UA9JLL | 1131 IZ5GST JA0HXV KX7L NN2L SV1IZY YO5OEF 1130 F6FNA IK2CMN KG2GL KJ6MBW NJ1Q NR5R NZ7Q PF1MO W3XX W4CC W8TOM 1129 AK6I BD4SX DF2UH DH8GV HL4GHT JA2THS JH7XPW N3OUC N5BA UA3LIU W7AM WM1G 1128 AK4AO DS5JMG JG8NKJ K5WE K7KJ KB8DID NF6P NR5O W4MC 1127 DL7LX EA4OR G3YFE 1126 DL8WEM | KO6UW W4KVS W5HY 1125 7N2JZT F8GB JP1GVC JR1FCS K7AP N2IC SK5PZ W6LZ 1124 EA8TZ IW7EDZ K0MP N1AAM VE7NY W0ZX W1ATV W6AYC W8WRP WB4PWZ 1123 AC7ZG G4VWI I1LGR IN3KLQ JE2SOY K4VAC OG1R PY2FZ 1122 DD0ZN E20YLM K0FG KD3TB N5QZ SV1AOZ UA4ARL YB9AY 1121 IK0XKP JA4DLF W8WV YO9FFX |
|---|---|---|--|--|--|

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| 1120 DL1DCT JH1LZU W0UY W1RZF YO4CSL | KA4H KE1IU KK4BZ | AJ4IM DL3NM JG1XBM N1CC* W3UTD | IK5XLB IZ7XUQ NC4RY NM4SH | 1098 CT1EGW DJ3EJ E72AD K2UT K4OTV K5YAA KA8YYZ N6BDX PA1MVL SP8MVC SV4FFL W1USN | EI6AL I0BJV JH7WNV K2IRM NJ6K SV1JSN W7QF WA9IVU |
| 1119 AB4H HC1HC IV3NVB K4TMG N8KOM OH8JK SP6BXZ WN1M | 1113 DK4MX DU1KT HB9CAT JA7PPK LU1HLH PA0QRB UA4CX W4PJW W5TUF WF7B | 1107 CX2CN DK2GP EA1AA JF3AHI K1KU* K6IRA KE3ZT VE7ACN | 1102 DS4CNB F8DZY K3NW PA5O* VK4OQ W3UNX WE3J | 1097 AD6KQ AG8L K0YY K5TDA N1UZ N9EN R3LO VE3SMA | 1092 G0UII HB9AJY IK8TWW KD2OV KS4Q ON4VT W6RA |
| 1118 DL1MAJ HB9HFM JA1CC JM3XZC KC3RKW N1DC N4VAN | 1112 DL6DH JL7BRH JM7TKK JR4DHK K4SBZ KN4FO N6RVI W5SG WB8QZM | 1106 G3PMR K0KM K2UF K7IA K8CJY LA9KY PA2TMS RT0Q W0QD W3MRL | 1101 9A2WJ* AB5RM IT9RDG IZ3DBA IZ6ELF JH1URT K3UT N2SU W1XK | 1096 AD9DX JA0EBV RG7G WW5L XE1RCS | 1091 G3XVF JA4XHF JA7LMU JH6JMN K4YL W1MI |
| 1117 AA2WC AB9YC | 1111 K0MLD K2IE K3BQ W4CZ W7JWM | 1105 DJ3AK FM5FJ IK7MXB IW7DHC JE4KCN JN1RFY LB8CA N0MR UN7ED VR2ZXP W9VA WB5TOI | 1100 DO4DXA EA3CWK I0ZUT IK8IPL IV3IYH K1TO K4IJQ K7PTC KG4OJT KG8V KH6DX N4DE VO1NA XE3E YO8DHA | 1095 A35RK HA1AC K3UW TA2AD W0QL W8EOG W9KX | 1090 CT3FN DU1IVT EI6JK K3IXD K4WJ KM4GZI KX5U UN6TA |
| 1116 DJ7AO F5JGA IT9ABN IZ4COT JA8ALB JG2KKG K9KU RJ6J US3IZ | 1110 DL1CF EI4GNB JA4GCF JH2QMT JR1KEI PT7NK W7KKC | 1104 AA9VI K7MH N7EO OZ6TL W0HBK W9BB | 1099 IZ7GIT JH1FRW KK4ODQ LA3SG N0RQ SP6FX YO4PX YS1RS | 1094 8P6ET IK1AAS IZ0HTW KC2NJ LU1FM N5RP W0CO W0YBS YO8OY | 1089 JA8AWR JI2UDK JM1GAW JR1QLM KK4TKJ N1GNB N9AI UR6QA W2GGY |
| 1115 EI4HH IZ5BYJ KG6WIK LA7MFA VE2EBK VE3EDY WO6T | 1109 F5VHJ K3FT RT2O RW6MBC W9LU | | | | 1088 AA5VU* EA7OH GOHSA JA1DJO K0OB |
| 1114 4F1OZ G6MXL | 1108 AB7RW AD4XV | 1103 AK1P DJ5KL | | 1093 DK1MM | |

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| K4AVU | DL9ABM | SM7CZL | JF2UEE | N6AA | IK4RQF |
| KS4L | HG6IA | YB1IQE | JG1TFC | UA0LDW | KN4WOJ |
| KW4BY | SP2LLP | | K2TA | | W1WEF |
| MM1PTT | UX7IN | 1077 | NE3K | 1067 | W4BR |
| 1087 | 1082 | JA1CCH | RA6WF | JA7EU | W4KCM |
| JA1GFD | 4Z4OQ | JA2HOL | W1DDD | K2CJ | W8ZR |
| JA3DBD | CP6UA | JA8BZL | | K9WZB | |
| K4AEN | DL9QJ | JA9LX | 1072 | KS0T | 1061 |
| KB3IFH | JE1WBA | JF1CZQ | DL3NCR | LU4DXU | EI6GF |
| KI4YY | KD8MQY | JN7DIY | IZ8BRI | N9JF | F8DQL |
| N0AKC | N4QK | K4BBH | KF8N* | SM5AFU | G0MMI |
| N3NO | OR4K | K5MMH | LZ1JZ | W1TYQ | JH0NBN |
| N7LAN | UA4HAD | N6ER | RV3DB | W4MBD | KA4LBD |
| NK4R | UA4HDB | W1JFK | YE4LWU | W9JJ | KD6X |
| SM3DTR | W6MVW | W4WNT | ZS2ACP | | KK7L |
| TA3J | W9BWR | W7IMU | | 1066 | LA9SN |
| | W9GFB | WD4EGF | 1071 | AC7JM | N4BRF |
| 1086 | WB8YJF | 1076 | DL1AN | DS4OMS | NH6L |
| AA4QE | | AG4TO | KJ4FZ | IT9RWB | NZ5F |
| ER2RM | 1081 | HA2ESM | LA2RZ | OK1DO | |
| JA8DRK | KM4CQG | JK7IKU | M0NGN | ON6LY | 1060 |
| JG1EIQ | MM0BQI | KB5CSQ | M0VCB | | EI9HX |
| KD2ZIU | SM5CCT | OZ3ABU | ND9M | 1065 | G4GEE |
| KE9UA | WW1WW | W1ZZ | NK9O | DL1ZBO | IK4PKL |
| LZ2TWY | | WJ8Y | VK3MB | EA4BHK | IZ1EPM |
| RA3FY | 1080 | XE1AE* | WA2DNI | K8YFM | W9IM |
| W0LGQ | EI9CN | | WI4R | N2IFA | |
| W4JDS | HB9FBA | 1075 | 1070 | N4DJT | 1059 |
| W5TMC | JI5RPT | AC4CA | JA7GZM | N4UW | DK4SR |
| W7WRJ | JK3NSD | DL5SDB | KC3D | NF4J | DL0UM |
| | K6EV | JA5XWB | N3PPH | NK9R | JA5VMQ |
| 1085 | KG7CW | JH3LIB | NJ9C | W4MOT | K5AX |
| AI7W | N6JM | JJ2SEE | OZ7BQ | | KI0G |
| JA7LOT | NR2D | JK8VMB | ZL3HAM | 1064 | LA1FH |
| K8FB | PA1NHZ | K1TN | | DS5WQT | R2OB |
| LA2LI | W7PC | K9MQ | 1069 | ES2BL | SV1PIZ |
| N8PE | | NN4DF | HB9FPR | JA1DHY | YL2CB |
| NN8L | 1079 | PA5KT | N0HJZ | N6XI | |
| W4OWY | AD7KG | VE8EV | PY2BT | VE3NKS | 1058 |
| | IK6IHN | | PY2LSM | VK2DAG | 9A5MI |
| 1084 | JL3RNZ | 1074 | UA9UX | W7GSV | F5BZB |
| K3DQB | K3ORC | JA5ALE | W4GV | WU8T | JA2BL |
| KB4FB | KV2S | JE0EHE | W4HPW | | K0WK |
| KJ7WY | LU7DW | KC2ATK | YU1NR | 1063 | K8TE |
| KX4I | VA1SEA | M0IFT | | AK0MR | N6JOJ |
| VE2OWL | W0RI* | N7PIB | 1068 | EA3LX | SP5UFK |
| W5PD | W7NX | W1WN | BW2/JP1RIW | JF7PHE | SP6QM |
| W5QZ | | WA4VJK | CP4BT | KB3MXK | W6QO |
| W9MDB | 1078 | WB6RAB | JA3EGE | VE6PL | WM4D |
| | DL4KUG | | KB8NTY | WN9Q | |
| 1083 | EI4DQ | 1073 | N1BKB | 1062 | 1057 |
| DL1ASA | JA2SEQ | G3VSO | N5DI | HB9ARK | JA5IBP |
| | | | | | LA2XNA |

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|-------------|-------------|-------------|-------------|-------------|-------------|
| OL1HQ | 1050 | W6INO | N7WR | NA9L | JA6COW |
| W5MT | AA3R | | | NN5O | K6VVK |
| W6PH | JA1JYS | 1045 | 1040 | UN5GM | K7WA |
| | J11SAI | AC2AC | 8P5A | UY0MM | LA6VQ |
| 1056 | JR2BNF | IZ1UKF | AA0BH | WB3LGC | N6MG |
| K0GK | K0MB | JA1JQM | AE4VJ | | NU0Q |
| KC4LZN | KX2B | JK2IZR | JE6PJP | 1035 | SV1DVX |
| LA2RR | NJ4V | NK3V | K0ARM | AI6P | |
| N0PFE | NO3U | | K3MI* | IN3TWX | 1029 |
| N5JC | W4IEE | 1044 | K4LCP | IU8LMC | AB4BJ |
| ZS4JAN | W8RHM | DL1TPY | NC8I | JA8DIV | CQ0ODX |
| | | HA8UT | UT4ZX | JE1TNL | DL6SAK |
| 1055 | 1049 | JL1OZI | W0ZA | KA9JCP | DL7UCX |
| I8NLC | K5UN | K4ZW | W2RDS | KR0I | DL9ZAL |
| K1FUG | N3COB | M0AQM | W8RES | RI1FJ | EI8JX |
| K7YMG | W3EP* | UA3EAY | | W3TA | IK7XNA |
| LA4URA | WV1X | WD5IYT | 1039 | W6VIO | IZ6IOC |
| OH3GGQ | YO8WW | WF5I | 3W3B | | JR3RIU |
| SP5BMU | | | 9A3QO | 1034 | KH2X |
| UU5WW | 1048 | 1043 | CT7ABD | DL2DCX | OH8NW |
| WB4OMM* | EI8IQ | DF1TJ | K9IO | K9AAA | VE3ZN |
| WD4NGB | G8CRB | G4WGE | KX5M | WA1HXH | W2GHD |
| | IZ1POF | HL1XP | NF8J | | W2LPL |
| 1054 | JG4GZK | JA1HQG | NQ4A | 1033 | W6HB |
| JA0CRG | JK2XJE | JH4EIJ | PT2BW | 9A1CZZ | |
| JA4EII | KH6CQH/W7 | K1GW | W7GES | AA2T | 1028 |
| K2KN | SM7GXR | K1XH | | EI2II | EI2FG |
| KB3KJ | W4ZV | K5DXR | 1038 | JA1VDJ | IK1RKN |
| N4NM | | N6ZM | KT1V | K4FW | W4SW |
| SQ6SZ* | 1047 | NT4K | ON8PHD | K5JF* | WA6APQ |
| WA1F | DM2DXG | SK6QA | R3QF | KC4ES | YB3OSE |
| ZL1AIX* | K0GVT | VK4CC | VA1CHP | KU4A | ZS6X |
| | K3ZK | W1CDC | VU2SWS | M0RTP | |
| 1053 | KD5RBU | | W1HQ | W9COS | 1027 |
| K6OHM | KF6E | 1042 | YE1AR | | 4K9W |
| V47JA | M0PCB | AB4ZT | | 1032 | DJ9HQ |
| | N4UC | AG2J | 1037 | 9A1A | KG4VPC |
| 1052 | N6IBP | JA8GWA | JA1MOH | F5ELL | LZ1QN |
| HB9MXY | OH2ECG | K1RI | JA7JAA | G4DYA | NT5EE |
| IC8XIL | V31MD | N4NT | N4CO | LA8ZAA | W5XG |
| IK2QPO | VE3GFN | S52R | N5PD | | WD4OHD |
| K9WMS | WA4WR | W7BC | NE6V | 1031 | |
| KC4EZN | | YL/RG5A | W0TG | 4O7CC | 1026 |
| W3PT | 1046 | | W4GKR | JH1OCC | DS2GOO |
| W3ZL* | AB4EJ | 1041 | WA6MRK | JO3MXH | JA5OP |
| YB2BOB | DL2MWB | A92BE | YU1LD | JR3PKO | KA5OWI |
| | JA6SUJ | DG1SGW | | K1JE | N3DV |
| 1051 | K1IG | GM0DEQ | 1036 | ND4K | UA4Q |
| G3VXJ | KE6XL | HB9MZI | DL2UR | NX7K | UX4UM |
| IK8NIM | KU4GC | JA1WWB | IZ2IPF | OZ1NF | VE2WY |
| K9JJR | N8JK | JE0HUR | JP1LVI | | W2WGK |
| K9NS | R6AZ | JG2NLN | K2QE | 1030 | W6WRT |
| KB0FHP | W4ALF | N7VZ | KU9Z | AI4EY | WX4W |

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| 1025 AC1O DS5BRE G0KRL RL8C RV6ARZ YB9WZJ YV6BTF | K6SS KC0V SP5AKI W2YWC YB2BNN | JA3ALY JL1EEI K6VWE KT6AA NN4NT RA3AOS VE7IRU W9TO WA6VZN WW4N | 1013 AF6O HB9RE JK1DDQ JN1SUT K5HX KA5IAU KW6AA NA6XX OE9DGV PY2YW R7KW VR2CC | K5WL N0SFF N1XL R3TKM WD9FLI WM5DX | NH6Y OH4KRN PV8RR RW4NJ W7RJR WB3LTT |
| 1024 CT2GZE DK6WL IZ8DDP JA2LMY JP1QDH JP7WJA K3LL K5PLH K6PBF N4GOA N7GHZ W3OP | 1020 E70X JH3FCF K2KNB K2WR K4BNF N2MN N5SIX S53X VE2ACP WA8JBG | 1016 AB4BA DH1UK DS4AKP EW4DX F4GDI HB9DPO JQ2MPJ K2KQ K9OHI K9RZ KD2NF KL7XO N5ZY W2PSU WQ5N | 1012 HB9WDF JA1UXV JH1KIM K7LAY KJ4EX RA3AA RD3BZ UU1JA VU2OT | 1008 9A2DM JA9KKD JG2NXV K9CHP RA9SAS SM0DGW W3GP W3LJ W6LJS W9VOB WA8UEG WB5KSD XE1V | 1005 AE4S DJ3CJ DL8XDA GI4SJQ JN3XEZ K5FO KK6TBN KR9A N3EEN N6MM* NE5TX PA3AIN UA9AM UT9LC W6DOE |
| 1023 4X1EL AC2RL F6FFA IU4AZC JA1MZM JA1QDB KI6PG N7YQ RA3T TF3T | 1019 DK6BT G3AKU G3WKL G4PUQ I2ZGC I8DKR JH8UGL JJ0PJD JL2ULM KB1AWM NX3A P40P SP9MAV | 1015 JA2QCX JG1RYQ K4NI KB1OIQ KI4FSI N6TW VE3VEE W7CB WA1DD | 1011 JH4NYG JR3DXJ K3OK N5XUS OH1HAQ W0OVM WW6G | 1007 7Z1CQ JH4GXE K1UM K2TTM K4RWP KA2F KR7RK N3JON N8YQX RN4AM VE3MDX W4VG W9EBO WA0GOZ WF5W XE1SAX | 1004 CX9AU DL5FAC GM0SCA JF2OHQ JQ2NBX K4LD K7UW K8JRM K9IJ K9MRD LU7HF N2JT RA5CM S53BB VU2AE W5EW W9KM WA3KVN |
| 1022 EW3MM G4CWD G8GNI I0LTX JH1PZD K4BYN KF1P M0LUX N9AVC UT1FT W6OZI | 1018 DK1NAL EA3CR K4HR K8UHL KM4AF KO4IBL N3BK N3GTG N7HCJ NL8F OZ4RT R3LC VR2CO W4LLP | 1014 DK6CQ DL6LZM EA9LZ HL1PET IT9KSS K1NOX K4CNF KG4Q KG5EG NW8F PT2CSM W7SMW WB2MKX | 1010 CT1CQK EA9AM HZ1GW JA6CMQ K1QQ K4EZY K7UPJ KA9JAC KO7T N2BEG N5EI WI0E | 1006 AC8TN DB4RG DJ9KV G3YBY JK1OTP K0AIZ K3WTT K5AR KB5WWW KC1UYZ KF5BA N5KDV | 1003 DF5BX E29TGW EU1TT IK1RLI JH9VLZ KA1CTL KG5NP LA4HC |
| 1021 DL1SWN DL7VSN F5TJC K4VX | 1017 AC9GK IZ0COI JA1GLE | | 1009 IZ7QSS JE4MHL JL1KBS K4DXA | | |

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|-------------|-------------|--------|
| NC3O | LA8IB | KF7PBM |
| NJ8G | N3AS | KF9LI |
| NK2H | N3DD | KM6WXB |
| RA0AM | N9ATD | KZ5D |
| W0ADL | R6TY | LA9DL |
| W5GFM | VA2KI | N2YU |
| W6ELI | VE3FK | N3CAL |
| WA8COB | W2/F2YS | N4GRC |
| | W7GTF | N4LS |
| 1002 | W9LWO | N4PAJ |
| 7L1UVF | W9MB | N7MGW |
| AK0A | WM6Q | N7OR |
| HB9FKK | WV8EDU | N8YO |
| I0ZYA | YE4FSB | N9APK |
| IN3FCK | YL2CP | N9NFT |
| JE4XCQ | | NA9J |
| JH1JNJ | 1000 | NG4DX |
| JJ1HLL | 7L3JAR | NS0D |
| KB9REV | AA4IB | NT4TN |
| KJ7KOJ | AB9BH | OH7HM |
| N1AH | AD5ZA | ON5UJ |
| N2UO | AI1W | PA5X |
| N4WOT | AJ6X | PP6ZZ |
| N4XC | DB9CR | PV8AAS |
| N4YHC | DL1DV | RA5C |
| N8KOJ | E25KAE | RM6LW |
| SP2BMW | EA3AGY | RT3I |
| SV3AGT | EA3HPX | TA7AZC |
| VK4ZP | EA4EQD | UA3DUJ |
| W6JH | HI3I | VA2EBI |
| W9CY | HS8KAY | VA3EJN |
| WX4B | IK6TOT | VE3MSC |
| YB1MIG | JA0RWF | VK7AP |
| | JA1VZO | VR2VGM |
| 1001 | JA1WIO | VU2MB |
| DB2WD | JA2KAK | W3ENM |
| DG9NAJ | JA2KPW | W5GOL |
| DH2ID | JA9KA | W7GF |
| EA1BP | JF3KOA | W8GJK |
| HB9GZE | JG1EBU | WI2E |
| HS8HEX | JH4MJO | WM4W |
| IX1CLD | JS2IMR | WW6W |
| JA1ASO | K0AL | YB2TJV |
| JA1CCG | K2RAS | YO5QAW |
| JA5RVN | K5KEW | |
| JE6OVK | K7LOL | |
| K6DLB | K9DUR | |
| KB7AZ | KA6RWL | |
| KB8YTD | KB3HHA | |
| KF0QS | KB4DSL | |
| KG4URP | KB7PKC | |
| KO3F | KD0BQS | |
| KW1X | KE8NOA | |