

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 21 Jan 2019, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

3264 EA8AK	3170 IK4WMA K8MFO	3143 OH1XX	3112 W3YX	UR0MC
3241 HA0DU	3168 PE5T	3139 IK1GPG	3111 SM5CEU	3087 NN4T
3233 I4EAT SP5EWY	3164 F6BKI	3138 DJ2BW OZ1BTE	3110 K4CIA	3085 DK5PR
3219 OZ1LO	3163 K4PI K5UR	3136 SM6CVX	3109 JH4IFF	3082 JA3FYC
3212 LZ2DF	3162 SM0AJU W1NG	3133 I4AVG	3108 K9QVB	3081 SP3E VA3DX
3210 DF3CB	3162 OH2BU S50A	3131 IK4GME	3104 N3XX	3080 PY2XB
3202 DJ6RX	3160 W1JR	3128 IK4DRY IK4MGP JR2KDN	3103 N1DG	3078 SM6CMU
3198 CT1EEB	3159 OH3SR	3126 G0JHC K5NA SM3GSK	3102 JA4DND K5RK SP2FAX	3077 I0WDX
3197 UX0UN	3157 JA1BK YU1FW	3125 W3LPL	3100 N4CC PA3FQA WB9Z	3076 VE3EJ
3184 4X4DK DJ9KG	3147 DL4MCF G3KMA	3117 I4EWH OK7GU	3094 SM3EVR	3075 9A2AA W7UT
3183 W4DR	3146 KJ9I	3115 OE6IMD	3093 JR3IIR	3072 DF3GY JA5EXW PA0WRS
3179 UT7QF	3145 W9ZR	3114 G4BWP	3090 JA4LKB	3071 JF2MBF K4DY SL0ZG
3171 N4WW	3144 W3UR		3089 9A7V	

3069 GM3YTS JH4UYB	3046 G4CCZ	3024 DL5DSM SM5DJZ*	SP8NR	2972 DL2OE G0DQS
3068 N0XA* W8UVZ	3043 N3SL	3023 I4LCK	2998 K4UTE	2971 W5ZN
3067 KF2O	3042 W2YC	3022 WK3N	2997 K3UA	2970 K4QL SM4DHF
3066 DF4PL	3041 IK5HHA	3019 HB9BGV	2995 I5NPH	2969 JA1UQP
3065 GM3POI JA5AUC UT3UA	3040 NR1R SP5CJQ	3018 JA3EMU S58T SV1FJA	2994 W4VQ	2967 IK6FWJ NJ6P
3064 K2TQC SP3EPK	3039 HB9BIN UT5UGR W0BV	3017 F6BEE W9RPM	2992 DL7MAE JR6EZE	2965 K3FN K4XP
3063 N2QT N4JJ* OE3GCU	3038 G3XTT ON4IQ	3016 AA7A WD5COV	2990 JH1GZE UA4CC	2988 JH2FXK
3061 IK8HJC SM3NRY	3037 G4PWA K4MQG W5OZI	3014 UA4HBW	2986 N4KG*	2964 OE1WEU
3060 S59Z	3036 EA5BM W4PK	3009 SP7VC	2985 EA6NB G3TXF	2963 JA2FBY N0TB
3059 LY2IJ	3034 SP9FKQ	3008 AA6YQ IK4CIE JA2JW	2980 SV8CS	2959 K9CT SM5KNV
3057 I2AOX	3033 CT1APE N2LT	3004 EA1DR R7LV T77C	2979 IZ4BEZ	2956 UT5JAJ
3052 JQ3DUE SM5AQD	3032 9A2EU	3003 9A5CY DK5WL OE5KE	2977 N4MM UX1UA	2955 UA3AKO
3051 EY8MM	3031 JA2VPO N2TK	3001 DJ2YA JG3QZN	2976 N4XM	2954 N8PR
3050 VE1YX	3029 W4TO	3000 F6AOJ GM0GAV HA8IE NN1N SP6CIK	2975 JA1HGY YO9HP	2953 PY2BW SP7GAQ
3049 N8DX	3027 N9IW		2974 AG9S OZ3PZ	2952 DL1AMQ ON4AOI
3048 CT1EKY DL7VEE	3025 N4CH UY5ZZ		2973 DJ4AX	2951 AA1V
				2950 IV3JVJ JA2JPA N8RR

RG4F	RA7A US4EX	2909 IZ1ANU K1HTV	2887 N4NX S51DI	2867 IK5MEN S54E
2949 N7RT	2927 W2MF W3CC	2906 UA3TCJ UT9FJ	2886 K1ST RJ3AA	2866 IK2YCW K4HGX N8BM
2948 N0AT	2926 RA3CQ RZ3AM	2905 K5BG	2882 IK4DRR K5ESW	2865 JH2UVL N5ZM UA3DPM
2947 W3GH*	2925 G3ZSS HA5AGS	2904 ON4CD SM6CNN W5XX	2881 N6AR OZ1CTK	2864 SM6CTQ
2946 K1CP	2924 IK6DLK	2902 DL1EJA K3KO* K5DU UA3AB	2880 HB9BZA W6UB	2861 SP3DV
2944 K8SIX	2923 N9US	2901 RA3DX	2879 G3LZQ	2860 9A2F JH0INP YO7LCB
2943 JA2DPC	2922 HA5WA SM6CCO	2900 EU7A	2877 IK5ACO N5TY NO8D YU3AA	2858 DJ5AV
2942 JA5AQC	2919 AA4V DL1DUL JA5MHD	2898 EA4KD VE3XN	2874 G3SJX K4SV RU3FM UT7UJ	2857 KG7H SP6HEQ WI8A
2941 N4JF RW2A	2918 IZ0AEG OZ8BZ	2897 K0EU	2873 K5EK N6JV	2855 5B4AGN K2PLF
2940 N2WK	2916 WX4G	2896 W1GL	2872 F2JD	2853 EA3GP HL3IUA K8PT
2938 HB9RG SP8AJK UA6A W6XA	2915 DJ0MDR G4OBK SP1S UT7UW	2895 K5KC	2871 JA5IU K4MWB R3OK SP3CFM W0MHK	2852 K0IEA W8AV
2937 OK1MP	2914 N5AW	2894 HB9AMO	2869 OE5NNN SP5DIR	2850 WB6RSE
2935 JJ2LPV YV1DIG	2913 DJ8NK W3DF	2892 JA2FJP K4UEE	2868 W9IXX	2848 HA1RW N5UR
2933 YO5BRZ	2911 UA4CR	2890 OE8RT	2867 W9IXX	2847 OE1ZL
2932 EI7BA K4IQJ KD5M SV1RK	2910 K4XO N4RJ	2889 K2UO		
2929 YO3APJ		2888 N8JV		
2928 DJ4PI				

2846 R7DX SM6DHU	2830 K4HB	2815 9H1SP KY7M SV1DPI	2799 DL4CF N3NT W1RM	2782 9A8A W9MU
2845 JF3KON	2828 VE3EXY	2814 JE2URF	2796 RW0LT	2781 R5AJ
2844 UA4LY W7AO	2827 AA1QD AD5A LA5HE NI0G	2813 JA1EOD	2795 I8IGS UX4UA	2780 OZ4O
2843 K0SR	2826 AA4HP JA8EAT K2VV N5DG RV3LO	2812 I6FLD JA7QVI	2793 RA3DA	2779 NI6T
2842 I5KKW K1ZZ	2825 CT1IUA K5XX	2811 I3BUI JH1TWT RY7G	2792 JA2XYO PY5EW SM0CCM	2777 AB6QM W0YG
2840 N4DB W8GC	2824 JA0FSB JJ3PRT	2810 JR3GWZ	2791 VE7IG*	2776 R9FM
2839 SP3RBG W3NO	2823 UA6MF	2809 UA3AP	2790 UA0ZC	2774 JH3VNC
2838 EA5BY RY9C W1DIG	2822 JA4MRL	2807 AI9L KN4F	2789 N2TU	2773 W2IRT
2837 DL6ATM VE1DX W9OP WA4FFW	2821 JO1WKO N4AH N5KD SM4EMO	2806 9A2NO JS2LHI	2788 JS3CTQ K8ZTT N5ORT	2772 DJ9HX IK6SNR
2835 JA7MSQ K2FF MD0CCE	2820 CT4NH K9EU SM5CZQ	2805 5B4MF K6TA SM3VAC	2787 IZ5DKJ JI4POR KN5O W5TCX	2771 JA4FKX K2CL UA3AGW
2834 R7FK VE2TZT W1TSP	2819 JA1ANR VE3FF W4UM	2804 VA5DX W0VTT	2786 SM3NXS	2770 K5EJ K8GG SM6BZV
2833 K2UU K9NU	2818 OK6DJ	2803 JR7VHZ PY5HOT	2785 W2SM W4DKS WA2VYA	2769 W6SR
2832 K5ZK	2817 OZ1AXG	2801 F5NBU K4ZYU W1CU	2784 K5AQ	2767 DK1FW DK5AD K8FL
2831 JA0UUA	2816 FK8CP	2800 DK2LO RW5C	2783 JA2WYN N5FG SV1JG	2765 EA5RM

2763 HB9DDO K5KLA	W6RLL	2729 K5UO LA7AFA	2713 UA0CW	2696 JF1WPB W6OAT
2762 W2LO	2746 KP2A N7US	2728 JJ3HGJ	2712 JF1PUW	2695 JA2KVD N4QS W5FKX
2761 WB4OSS	2744 IV3ODE JA2IVK	2727 JA3AZD K3WW	2711 KF0QR	2694 JI8DGO W1MK
2760 F6EXV K9NW	2742 DK3DG	2726 IK2QPR RX4HZ ZS4TX	2710 JG1ULJ LA5IIA	2693 W0AW
2759 K3WA	2741 I4MKN JA1KQX JA6BZI N5OK	2725 OE2LCM R3VA	2709 JA8RJE R9TO	2692 DK2JX N4PQX
2758 W7KNT	2739 AI0O	2724 AA1ON	2708 CT1BH KC6AWX	2691 IV3YYK N8DJX
2757 ZS6EZ	2738 EA1DFP K4CN	2723 G4PTJ R7AA	2706 K6FG	2690 K0JUH SP7ITB SV1AVD
2756 OH2BLD OH3BU	2737 JA2JNA OK1CF WP4U	2722 R3AW	2704 4Z5CX K5MC	2689 AB4IQ W2KKZ
2755 JH1HGC	2736 IK4HLU JL1SAM	2721 DL9GFB JA0EOK JA3GN W1FJ W5XC	2703 DL1YD KA1R WA5VGI	2688 KX4R
2754 KG4W N4DW	2735 WT8C	2719 F5CQ KV7K	2702 UT2UB W4FC	2687 W3AP W6VX
2753 VE3LYC W9RN	2734 DL5WW	2718 HA9PP K0DEQ OE6DK	2701 JH4ADV R6AF RA4CC	2686 JA0CRI UX0FF
2752 PY2SP SM4DDE W8OI	2733 IK1WGX UY5AA	2716 K7NN PY2YP	2700 IK4PLW KA9CFD RA3XDX RA9CMO SP3CGK	2685 JA9LJS
2751 UA4HAU	2732 W7OM	2715 JA7KY US5WE	2699 K8WK	2683 N9AU
2750 JA9APS UX1AA	2731 DK6WA K6XT	2714 K7ZV	2697 G3SNN K1AR W3LL	2680 JA1ADT UT8IO
2749 JA1SJV KC9ARR	2730 9A3SM LA7JO SM5JE*			2679 AD1C DJ9ZB
2747 F5II N6ET				

K3UL OE1AZS	KC7V OE4PWW	2642 EA1EVR HA7TM OE5FIN	2628 9A2JK S52F	2615 KF8UN
2678 DF2IS K6AM	2662 UN5J W3KX	2640 DF6PB DL6ZXG	2627 JN7FAH K6KLY UA3TT YU1CC	2614 DL1DA N7KA N7RO
2677 JE2LUN RA3QK W4BP	2660 DJ4XA G5LP IZ1BII	2639 WA2HZO	2626 YL2MU	2613 KK9DX SP6CES
2676 K1OA	2659 K8BCK KZ4V	2638 JA2CXF PY4OY RW3XZ WE7K	2625 WA8WV	2612 JA1WSX JF7XKY JO7WXN N5GH
2675 F6HDH JA5WIZ	2658 ON4ON UW2ZM W6YI	2637 JA3APL UA0FZ	2624 DF9ZW DM5EE	2611 9A1CAL G3SVD HB9LCW OH9MDV
2674 W2LK	2657 N4II	2636 EA5GPQ K0JY K1LPS K8VFN N8KOL WJ4T	2623 G3VKW JA2ZL N9RS SM6CUK	2610 UA9FAR W7DO
2673 W9NGA	2655 DL5AN IK0MHR WB3AVN	2635 DL5ME HB9DDZ IV3KVC	2622 EA7TV W4FQT	2609 K1BD
2672 HB9AUS PA3C	2654 OE3EVA W8DCH	2634 KS1J S57AC	2621 K0CA K8TL KD6WW	2608 DJ5FI JA2EPW OM3DX SP7HOV
2671 DK2NG I0DJV* JA9RRH JE7JDL WB9CIF	2653 K3PA WA2WSX	2633 K6GXO	2620 AA5AU AJ3K EW2A NY0V	2607 CT1ILT
2670 DL3ZA JA1XEC K8EUR RN3QN W0DJC	2652 AF9H LA8PT W1ECT W4JAM	2632 AD5Q	2619 K2SHZ K4SE N6ED	2606 HB9DHK NT0V VK3QI
2668 K8AC SP1MGM	2648 RD3K	2631 IK0PEA IK6GPZ JE2OVG RX3AGD	2618 W1YM W4WM	2605 JA4ITW KU0A OE2VEL W4QN
2666 PY5EG	2647 WB4TDH	2630 NK1K	2617 S52OT SM5FUG	2604 JA1GHH K6YUI
2665 JH1IFS	2646 JA1DUH JF8QNF	2629 DL7BA JE1LFX	2616 I5HOR IF9ZWA	2603 IW0SAF
2663 A45XR DK0PM JA2BDR	2645 DJ9VA W5LT			

K4XI	2587 JA7MA RA0FF	2570 JA1CLW	2554 9A4W VE6WQ W9YSX	2539 JI2KXK
2602 DL2KQ JA7JI K9ZO PA3EWP	2586 RM0F RW4NN	2569 JA2AHH W0FLS	2553 N4NN	2538 NS4C
2601 IZ8FFA	2585 I5ZGQ OM4EX W0UO	2567 NU8Z RZ3DX SK0TM W2YJ	2552 EA2IA N1IBM OE8HIK W2QO WB8ZRL	2537 K5GKC W3DRY W7CT
2599 HB9HFN	2584 JF2XGF K0JGH RZ4FO	2566 WB5JID	2551 JA1WPX	2536 EA1YO
2598 DF2RG	2583 EA3WD K6ND	2564 K2LS	2550 F3SG	2535 LA2PA SP1JRF
2597 JI1DHY K1NU KB0EO	2582 G3NDC G4GIR ON4GG	2562 DL5XJ JN1BMX SK3PY SV3DCX	2549 DL5CF DM2DXA	2534 DL2CHN EI9FBB R8TX
2596 AG4W K8IU OE1WHC	2581 WA1JMP	2561 G3KWK JA1NWD W1YIF W9OL	2548 K2EP	2533 F6DAY LA4GHA
2595 JA1SYY JA3APU SM0NJO SV1BTK	2580 IK4BHO JA2TBS	2560 F6FXU N0AV W4TV	2547 KQ8M SK7AX	2532 JA8DNV K5LJ WC5N
2594 W8HW	2579 DL6KR	2559 EA6VQ K9IR KZ2I	2546 AA5AM AC4G W7MO	2531 DL5EBE K9RX
2593 JA3PIS JL1UXH UA3LAR	2576 JF6WTY NF9V S53R SP9QMP W0EWM	2558 SM6BGG WB9EEE	2545 N2NL RV3FT	2529 ND0N VE3MWX
2592 JK1OPL ON4IZ	2575 JF2UPM N3KK	2557 JE1SYN W9XX	2543 OH2ZZ	2528 JA6LCJ WA6YEE
2591 DF2UU	2574 4Z5MU	2556 RU3QR YO2RR	2542 IK5BAF PA5TT W7LR	2527 JA6BJV KM1D
2589 I1EIS JA7IC JR1GJP	2572 K5WK N5XZ	2555 PY2NQ	2541 IK4ADE JF1KKV	2526 EA7AJR JA1LSP W1SKU
2588 DJ9ON K1LD N2TN	2571 K8YTO		2540 N1SV	2525 GM3PPE I1FQH I8SAT

W5BPT	2511 EV1R JA3FGJ JH3CUL W6TC	HK3W I2MQP* IK0FUX JA2FGL JH1EEB K0KVR K6SIK K7PI RA3SS UA6YW VE3RA YV5JBI	2490 EA3KU	2470 K6EID
2523 K7ZA LA5LJA RW4C	2510 JE8BKW		2489 G3OAG K2TE K9MM	2469 JA0DIN JA1HRQ
2522 IT9DAA JA8EJO K7WP	2509 I2EOW UT4MF		2486 JA7MFL K9US S51U	2468 DL3OH JA1ELY JA1FGB N6DX
2521 I4KDJ JH1NYM	2508 K7GEX OE8SPW	2499 AA4SC AA5AT IV3RAV W1LW	2485 N4GN	2466 CT3FT DL4SZB JA2ATE
2520 SP6M	2507 W6BJH		2482 JF1UVJ WO2N	2464 DL1DUO N1NK N8PW W6SZN
2519 NS6C WE9R	2506 JH8RZJ OZ1ADL RA1AOB RA1QD W5ODD	2498 K4JAF	2481 5B4AHJ JA2AH	
2518 AH7C JA3RAR K2PK K4XD	2505 AB3CV LA2QM PA1CW W1YW W6XK	2497 JA7LMZ RZ3FW	2480 OK2QA	2463 K6KO
2517 K1UO RW3RN UN6T W0VX W1OX	2504 4Z4DX	2496 IT9PKO JM2RUV N2BJ	2479 K5WAF W4RFZ	2462 JA1VLK JH4JNG
2516 K9JF W2JU	2503 DL5CW JN1GTG JR1BLX K8QM RN8W	2495 G4IRN K3JT K7BG	2478 9A2NA G0EHO NX0I	2460 JA8BNP W8LGJ
2515 W9XY WB8ZRV		2494 DK2GZ K2FU KG8P N4QQ	2477 K4TT UN7TW	2459 W1KSZ
2514 AE5E G3TTJ R9SA W3BW	2502 AD6W W3GQ	2493 AJ6T JA1GRM W1BR W6QUV	2476 K0KT	2458 CT1FMX JA1ADN KG9N
2513 WA7NB	2501 G4IUF JF0EHX JQ6RUP K4WS LY1G	2492 JA6TMU K1HT	2474 JA6WJL JR6FC W2PK W8TWA	2457 IK5RUN JA3DY*
2512 IK8EPC RV9CX UT7UU	2500 DK8MCT	2491 IK5DNF K1DT K2NV	2472 W6PJ	2454 W2OO
			2471 R9AB WD4LBR	2453 HB0CC K8BL
				2452

2451 K4SO NN4R	N4HU NE1B SM5CZK W2GG WA6F WA9CVK	IT9DSZ 2417 JA6BEE UA0BA	HB9CZR HB9SLO K2UR ZL1BYZ	LU2NI PA3CSR W3UA XE1KK
2450 JF1IRW SP9UPH		2416 K8OM SV1ACK	2406 US0KW W2AY	2395 N5KM
2449 K8GI N8LJ	2433 N5LZ		2405 IV3KFB JA2VQF K6PJ R5DT RL3FA SV1GYG	2394 CT3HF JG4AKL
2447 W9ILY	2431 K3NK KB8VAO	2415 IK1YED IZ5JMZ JA1IZZ WQ5W		2392 N2WB N9JV W6ENZ YV5NWX
2446 UR5WA VE3BW	2430 KB1EFS W8DX WD9DZV	2414 I4ENO IK5PWQ KG6I KJ3L SV1IW	2404 JA4FHE KR4F	2391 W1AIM
2445 JA4EPE W7BEM	2429 IW2FND JH1HHC K7BV KT8X		2403 R0FA	2389 F5PAC JA1TAA K5XI
2444 LA9VDA	2427 UA9FGR W1YY	2413 JA4LXY JM1FHL KA8ZPE N8TR OH2FT	2402 DK9KX	2388 7M4HXF GM3YOR SV9AHZ
2441 G0BNR WD5K	2426 EA3GHZ	2412 RL9F	2401 HA7UW LB8DC N1LN N2NS W9DC	2387 DL6CNG RV1CC
2440 EA5AT IZ5EKV SM5CLE W1ZT	2425 JE6TSP	2411 JR3OEH K7EG RU6L W5AJ	2400 HB9CEX JA2FBC KT1J N9LB	2386 K4YMQ
2439 F3AT JA6VQA JJ1SKG	2423 I7CSB JG1WSC RA3ZH VE3CFK W1EBI	2410 HA1RB JA3RQ KJ0M PY2XU	2399 IK0LNN	2385 DL8LE JA7BWT KM4H
2438 DL9TJ PY5CC UA6EX	2422 JH7XRG LA3WAA W7AL	2409 N7IR VE3DZ	2398 DJ4GJ K2SX	2384 JE1FQV N9BX W5IF
2437 W9OA	2420 DJ5JH NW7E VE6LB W6JRY WA4LOX ZS6WB		2397 4Z1UF IZ5BAM JA1DOF N5JB PY2VA	2383 9A2X WB8BPU
2436 IK7NXM RU6M W6NWS		2408 K9MBQ NQ1K NQ7R	2396 K3XA K4JJW	2382 G0BLB JA4OK N5UL
2434 AA4R DF3IS	2419 G4DJX	2407 CT1BOL DJ9RR		

2381 JL2JVX WL7E	2366 BA4DW PA7RA	2352 CT1CJJ IK4AUY OH1TV	2340 HP2AT N6VR	N2LM SM5ARL WA0MHJ WD8JJA
2380 JR2UBS ON4ATW	2365 DS5USH	2351 CT1DKS E73Y K2AZ	2339 N1GC SM3DMP	2326 HA5AO K4PB LU3CQ SP6EQZ SV1CNS
2379 JG3LGD	2364 AA8LL K9EL	2350 N7DC OE2BZL W9FR	2338 FG5FR OK1FED	
2378 9A1HBC F5IL JA1XCZ JH6QFJ K1RO	2363 K9IL K9YY N9FN	2349 UA0CA	2337 I1JQJ JA2BQX K0XB K3VAT N0KV UR5EDX VE3CRG	2325 F5LVL NN4SS W8RLS
2377 JE8TGI K8YSE ON4CAS	2362 AA5C IZ1LBG JK1KSB K5RT	2348 AA8OY DJ5JK KE8UN		2323 K0CS K5VIP K8AJS
2375 HK4SAN JA1IOA W4OX	2361 IZ3ENH IZ8XQC	2347 JM1CYJ KA7T W4HG	2336 AB9V K7LJ W5GAI	2322 JA1BPA
2374 IW1ARB RN3RQ	2360 N6MZ RW7M SP8HKT VA2WA W8MJ	2346 G3NKC JA9AA K0MN	2335 N8BJQ SM5GMZ ZL3JT	2321 JA4ZA W0GG
2373 JA9TWN	2359 JR6LLN	2345 IZ4GWE WA2NPD	2334 W2YE	2320 I8QJU
2372 JA1SVP JR4LNG KA9FOX	2358 K1NTR	2344 9A4WY EA1AUS OH3JR RZ3DJ W3OA	2333 HA0HW JA7PL RU6B W0HBH	2319 DK7YY JA8JTH K0KX UA0SR W5FI
2371 IK2EGL	2357 DL6MRS	2343 SM4CTI	2331 G4OWT IK7XLU JA7LGE	2318 VE3VHB
2370 K7ZD KQ3F	2356 K1KO SP8FNA		2330 SP6DNZ	2317 K2XF KE9ET LA8HGA
2369 HB9AAQ	2355 W2LE	2342 K6FW ON5UE SP3SLA	2329 UN7LZ	2315 IZ8FWN K0BJ
2368 KM4HI W5ADD	2354 IZ5RVG N5MOA	2341 DL2VPO LA5YJ OZ8SW	2328 JH1CHU K1LI	2313 DL2FAG HB9ICC N4GG W1EQ
2367 UT7UV	2353 IK8YTA IV3HYD S57AT		2327 AB5A	

2312 K0GY	2296 JA9AGN K3JGJ	2279 DL1SMA RA4CA W4DC W5SL	2263 IK2OHG N4XP SM2GCQ	2251 F5PBM HB9IQB SV3FUP
2311 IK4MSV K8ME W2GW WC5M	2295 BA4RF EW1BA JA9CWJ K6UM W5GZ	2276 K6YRA	2262 JH8SLS OK1DH	2250 DL1SP EA8BYR JR2PMT K4CMS UA1OMS W4VIC
2310 EI6FR JA5BGA UA3ECJ W9BEA	2294 IZ2AMW RU3ZX	2273 JG3SKK K8BN K8UT KJ6P	2261 F9XL IZ8EEL ZS2DL	2249 AB5C N2VW SQ1X
2309 KB1JZU W2NO	2293 IZ8DBJ K1ESE	2272 G4IIV	2260 K8YC SV9COL W5PJR	2248 K5KPE WA0I
2308 JR1DUP N4TJ SM4AZQ	2292 K1ZZI	2271 K8FH WA3F	2259 N7BT UA6FJ	2247 K4HMB K6RO
2307 W0AWL W0TT W8MET WQ3X	2290 W7CA XE2CQ	2270 EA3XP EA5CRC	2258 K6DT YB5QZ	2246 PY7RP
2306 N3CZ	2288 IK0HBN K7UA	2269 JA6CRP K1DG LZ2JE W9JA	2257 JH4FEB K8NKQ VU2NKS W3YY W7Yaq	2245 JA7QFU
2305 K8CW KA2D KJ9C	2287 GM0AXY	2268 K3SEW LU8EKC N4TL	2256 JR9LKE ZL4TT	2244 DF2TT JA0IXW
2303 JA7BVH JH4BTI	2285 N6HY	2267 JA7ZP JH3GCN SP3QDM W1VT ZS1LS	2255 E72U SP6A W2GPS W9AJ	2243 PZ5RA
2302 ER3DX W2WG	2284 K5KV WO2T	2266 JA1TMG	2254 IK2SND IZ4MJP K7SP SM3LGO W9PZT	2242 JA6CBG NI0C
2301 I2VGW	2283 HB9BYQ JA4FM	2265 DL2UH JA1IXY JA2FSM W9BF WA3AFS	2253 JH1DGQ	2241 AA9A JH1BZJ JP1IOF NA2M UA1ACG
2300 IK0XBX K7XB WS9V	2282 IZ8GGF K9YC	2264 N4MHQ ZL2IFB	2252 JA8NFV RN9N	2240 9A2TN W2OIB
2299 I5CRL R9OK	2281 JL1RUC K0VXU N1RR			2239 A65BR IW0HEX
	2280 N6HC			

JA0DET JA0DWY	2225 JH0INE KK2I N7NG	2213 K1YR K4MK K8NVR W8HC	2195 EW1KP JA5NPV K2CBI KE1F SM3PZG	2182 JA2JRG JH1RGG K4WA RA3WDK W5ZPA
2238 JA1CMD K1GG	2223 DF2NS JH1LPF KE9L WF2S	2212 IK8JVG K0AZ PP1CZ	2194 JJ1DWT K5JZ RA3DNC	2181 W6SL
2237 WA1S	2222 DF9KF IW0HOU W5ZO	2210 I8JIT	2192 JI1NJC	2180 AI6Z IV3TDM JA8BAR N8MR WA1FCN
2236 AB0CT K2FW W5PF	2221 IK1SOW JA2DXD	2209 AA3B VA3LX	2191 KA4RRU	2179 AB5EB K9FN
2235 JH1IAQ	2220 9A4T EA9IE IV3GOW JE3GRQ N3RC S52DD VE3EK W8IQ	2208 N0RB W5WT	2190 DL4CW JA1PTJ N4SC	2177 KG2KJ N3EN NW6S
2234 I5OYY	2219 DJ5EJ NW4V	2207 DL4DZL	2189 WO7R	2176 DJ2SL OK1DWC
2233 JE2RDO	2218 EU1U JH4CBM LB6KC W7WM	2206 JA8EOT PA3ABH	2188 IK2DZN N4ZH RD3A	2175 AD8P*
2232 9M6YBG N8OC W1OW	2217 AF4HX KD6UO W0HT	2204 N6QQ NA5DX RN3OG W4CK	2187 IK0HFO JR1MLU RW4CY SM3CBR W0AIH* W8MHW	2174 KD0Q W8BBQ
2231 KS3F LB2TB R9SG	2216 W4ABW	2202 JA8JO W4LSC* W8UV	2186 HB9DHG JE2HCJ S55SL UX5UO	2173 K1EFI LU5FF
2230 JH1SJN K9MIE PA0JSE WT4Q	2215 JK1EXO SM7CQY	2201 AC0A	2185 K7MTR KH2L	2172 K2RD UT3UZ
2229 K2TK K5PS N4JT WA2BCK	2214 JA1DM N4PY RN1ON SM5SWA	2200 KA1ERL WE9V	2184 JK1BSM	2171 IK0FVC SM5CRV UT3UY
2228 CU2DX EA5CI JE1GWO		2199 DK5AI JA1RTX PY2RO WB8B	2183 4X6KA RA4FEA SP2BMX	2170 HL2WA JH1VHU K9OW
2227 9K2HN IZ3ETU		2198 W8TN		2169 JA1JAT
2226 K9RS				

JA3MF K3TN	2155 I0MWI VE6AX	2144 DK2OY K5GH W4IS WA5LFD	2130 W6YOO WX2S	2118 EA8MT JR6SVM K4NNX OM5FM YO2CMI
2168 EA7SG	2154 DF5AU I5KG N9CK SM7NDX	2143 JF3SUL W9RC	2129 JH7RXU JP1NWZ K2BA N2AJ	2117 ER5DX IK1ADH PY7DJ W6RFL W8OP
2167 DL1NKS WA3C	2153 AB0X DL6JZ EA3GHQ SM2OAN	2142 CT3DL K8KWT N6UK	2128 HL3DE IV3IZU KE9I UA4AZ UN6P	2116 F6DBX HB9BOI IT9ELD JA9IFF OE2SCM SM7HCW W9XT
2166 W2RQ	2152 JR7BDQ W6IGK	2141 DL2AYK EA8AKN KJ6NZ N1RK	2127 KI0KB	2116 F6DBX HB9BOI IT9ELD JA9IFF OE2SCM SM7HCW W9XT
2165 N4PJ N5ET N6TA S54A	2151 BA7IO JA0CGJ JH1XUM N2WKS SP1MWK	2140 DL9RCF	2125 HS1NGR JE1PNX KF7PG VK4MA YO3CD	2115 EA1KY
2164 S55ZZ	2150 K4MM LU4FPZ	2139 K8BZ	2124 AA8CH K0KG OH2OT W4GIW	2114 KA2NDX SM7BHH
2163 DF3UB	2149 JF3PNQ JL1XMN OE5BWN	2138 K4MS N4HB	2123 DL1TRK PA7TWO	2113 EA5BRE EW4M NA5Q WB8K
2162 I0YQV RZ0AF	2148 CT1GPQ JA3LDH K4YYL LY3W W6RS	2137 HB9BXE JG3IWL NZ3O	2122 JA1CZI	2112 K2KA SP3V
2161 G3ZQH JE2EHP JH1WJR W8JRK	2147 DL8SCG RW3FR SV1LK	2136 G3IFB K7LV	2121 A65CA SP3PLD W5DNT	2111 RA1QY WS7L
2160 I5REA IZ8FDH	2146 IV3TMM	2135 JA0GJJ JR7WFC	2120 JA1WTI JR7FRW W6CYX	2110 F2NH IZ0RVI RA1OD
2159 K4FJ N4AL N6RV	2145 DF5WA EA1AST JA1KPH KK0M RU6FZ	2134 K4XR K4ZIN	2119 G3VPW HS0ZEE JA7XBG K6SRZ WI8R YO3FRI	2109 CT1BWW W5DAW
2158 JA1BOQ K1GE K4RO SM4OLL		2133 CT4GO RA3LO		2108 N0RN W8KEN
2157 SV3AQR W8LRO		2131 K9MK RN3CT		
2156 K9RR LA9FFA				

2107 EA3DW K3PU	2093 KW4V OE2GEN VE3ZZ	N1IW N7UN	2064 JH0GHZ	2051 K5TT
2104 DL8ZAW HB9BHY JA3KNN KU4XO UR5FEO W5RQ	2092 R1MA ZL2AL	2078 AA4FL N4RWG OE3SGU WB2GAI	2063 K8ROX PY1KN WB2REM	2050 K1SM N5PHT WB8FSV
2103 DL1SVI IZ8VYU W7QDM	2091 IV3YIB JR1BAS W4RDX	2077 W8UN	2062 IZ7FLP K7GM K9RT	2048 K3PP N6KZ RQ3A W7AV
2102 AA1AC AA8R JH1QDB	2090 JA4DHN JN3SAC	2076 G3UAS K1UI	2061 AA4NC N6PF	2047 N4AA* PA0GMM W2FV
2101 JF1NZW KS0DX WA4JQS	2089 S57XX	2075 JA8DSO RA3FH	2060 9K2GS CU2AP JA2VMU	2046 K2AJY
2100 W6RKC W9VNE	2087 JA1CJO JH1OAI KF0LA	2074 JH3SIF N4TV W8JV	2059 N0IJ	2045 PY2IQ RK2FWA
2099 K9OT	2085 PA3GCV UN7JX	2072 JA0UH JA7MOL K6ZZ R9SC SM4BZH W2JLK ZS2EZ	2058 K0TPP K6MI W1ZK	2044 I5JFG JA9FAI W9YE
2098 RU0SN UA1AIR W3RJW W3TN	2084 EA8RR IK0DWN JA1FNO WX1S	2071 PA0INA	2057 G3LUW IV3VBM JH0MHR NK0S PY2FN PY2MC W0TM	2043 K2UFM NY2NY SM5FWW
2097 EA3BT	2083 JA0LXP OZ1HX	2070 JA5BEN ND5S	2056 K8NK N4HID RN3D	2042 G4BUE K1PL ON4RU
2096 HA1DAE K0DEW W5WP W8KA	2082 AE0P DL1HRN HK1MW K1MAA	2068 N4NW VK3HJ	2055 PY2WC	2041 IK0OER IK4HPU JN3TRK WD0DAN
2095 F5UJK IK1MDF	2081 JH1OBS N9RC	2066 CT1EAV W3GG	2054 K1USA N1RJ WA1PMA WS6X	2040 JH1BAM
2094 7K1PTT EA1RT JA2VHO	2080 KC6X N0AH W5QM	2065 G4XRV JL1ARF KD3CQ OK5TK W2ZI	2052 OM7CA RA3TT	2039 KK4OK OE4VIE
	2079 K8AV			2038 JA0GCI KD0PO

SP8FB WA5IPS	2025 EA5OX VE1JBC WW3S	N8SNM RA3QUA	2002 DF7ZS F4BKV JA6IVR JA9GLW KD8RQE UT5EL	1991 SP3IBS
2037 JA3MHA	2024 K7BTW W6RW	2012 IK5PWN JE0VJV JN1RQV K1LT VE3MV		1989 I2YDX
2036 HB9AAL JF1LZQ K2AU	2023 CT1FUH W1WC	2011 4Z5SG SP3XR SP6JIU	2001 DL6OCM DL8PG K1ZN N9UA	1988 JR3VXR
2035 JA8LRG KM1C N9SF RC9F W2XI YO9FNP	2022 JA9GPG JE8CLT JK1ODA W5CIA	2010 W3FI	2000 AB1OC DL2RUM DL2SWN DL9MRF IW3SSA JA2XCR JH1IED K4VIG N3QE OZ1LCG RD4A W1AO W2YR YB0COU	1987 N4UOZ
2034 K1DC OZ2PBS	2021 4Z5AV JH4DYP N3UA N7XR NA9A US3LR	2009 9A4SS EA1CP RK4FD		1986 JA1ALT JA1GHR K1ACL N1UK UR3EO W0SR
2033 JA1VSL WN6W		2008 NI3P W5ZG		1985 CU3AA G0DBE SV9GPV W1ITU
2032 W3MR	2020 JA2HYD	2007 JF4VZT KV1E W7HPW		1984 F5INJ G4WFG JI1CQA
2031 KI6CG PY2KP	2018 N7IP RU1AB	2006 N8NN SM5CBM	1999 9A1CCY K2BLA	1983 IK2PZC KE3D
2030 DL1KUR NT2A	2017 IK8BQE	2005 JA2MOG SM6CKU ZL4AS	1998 S59ZZ W4RBO	1982 JA1SGU
2029 JE2DZC JH3FUK N0ABA N4IG	2016 4L1MA SM5BMB W4SK WX0V	2004 DJ0UT DM1TT HA5VZ K4JLD K4WNW N1EN RA3ANL SP3QYQ WD8PKF	1997 AF2C DK5DC JO4CFV K9OR W3BG	1981 RT0F
2028 KX2A	2015 DK3GG G3KMQ RK7T YB1AR		1995 KR6C N6OJ W2NRA W5VY	1980 IZ4DIW JA3EJG M0CSD
2027 JA1OVF JA7CVL US0YA	2014 IZ1DFG K2AT N6RW N7TT	2003 EB3CW G4DJJ K9TF		1979 AA9GR SV2DCD
2026 9A5F HB9DOT RT5A XE2D	2013 K1RV		1993 K5SM	1978 EA4EER IZ8EJB
			1992 KN6KI	1977 DK9CG HB9CRV

IK2RPE JH4GJR WA0ROI	1963 CT3KN	1950 N5UW	1935 JH8NBJ K1NJ N1KC	1923 IZ4DPV JA9FPI JF2WGN JM1HJG K4NA KI1U
1976 DL5OCE W4BUW	1962 HA5CW JA7BEW N2FF RZ6BS	1949 CX6VM JA1AML JA8ZO	1934 4O3A UA4SKW	
1975 DJ0MCH HA5GN K5QX ON4UN W7MEM	1961 IK6HRB K5RJ K9ALP N6NO	1948 HB9TKS YV5OIE	1933 HL2KV	1922 DL4RCK LY3UM
1974 KY6R W1TO	1960 DS5ACV G0OIL N4JQQ	1947 DL6XK N4ENE NE0U OH6NIO	1932 W7SX W7VY WA6JA	1921 JA2KSP W2CVW W3BJ
1973 DL2NOM JA4XH	1959 JA3VPA K1KD SM5CAK	1946 K1ZE W9MJ	1931 JH8GEU N5AQ	1920 WB0TEV
1972 N6PEQ SM5ENX XE1H	1958 N1JP N5TW XE1J	1945 DL2HYH	1930 HL2CFY K9FZ UA1OIZ	1919 K9ZM W8QZA
1970 F5HNQ	1957 JA1BNW K1VW SP5ES W0CP	1944 RU9UC	1929 G3UHU JA1OND JA7FWR K4WES RL3AA	1917 K2XB*
1969 K7UT W5VX WB3JFS	1956 AA6RR JG3FEA WA1YTW	1943 DK0UB NU1O	1928 IK5CBE JI1LET W5KK	1916 K8VC
1967 HB9JOE JM1TWR	1955 W1CSM XE1RBV	1942 CU3EJ IK0XEZ S51NM	1927 IK8CNT JE1OHL N3KV	1915 VE7BV W2WC
1966 KK2M W7JY WB3LHD	1954 HL2IFR K1JIU	1941 SA0AQT	1926 DL6UAA JM1VRW RD3BD UA3FX	1914 HB9AZZ JA8CJY W5GO W8WEJ
1965 DS4AOW KA1J KF2DT N7WO NA5C	1953 K4WZ WA9YYY	1940 JH1AGU N3KN UA9CGL	1925 DL1RWN ND4V	1913 S50R
1964 EI3IO JH1APK SV1VS	1952 K9NR	1939 NA2P	1924 9A5N HA5BSW IZ5MOQ	1912 W8IW
		1938 NA2P		1911 K2BX N8EHW WD8ANZ
		1937 K4MF KB9VF KM6HB W4KA		1910 NC4RB WN6K
		1936 PA0TCA		1909 EA1KP

K9GA N4LR UN3GX	1894 JA0AXV SP3FAR	1882 EA5RU KS4S	1869 JA3ENN NA6L RU1AO W4DAO WK7E	1858 K3OX K5FZ OZ5NJ SP3F WA4DOU
1908 JH2SON W0LS	1893 SV1CQN	1881 UR5MID		
1907 DL4NBE DL5MHQ JA1DDZ N4UFO SM0MPV	1892 K9FD	1880 AC6DX K2TWI K5VWW WB2KSK	1868 IW1QN SV1OZ UA1ORK	1857 JE2VLG PA0JNH W2OR
1906 N3KS	1891 LA9TY N4JR	1878 K9AU	1867 JH8KFE RO1B	1856 DL3KZA HB9FMN
1905 JR1NHD	1890 DJ3AS JR9OPJ KF6HI W8QID	1877 JR4DSM	1866 HB9MFM HL3GOB K9CS RA0BA	1855 JA2NDQ JT1CO K5CWR
1904 DK4TP DL1DAW LA1K	1889 VO1HP	1876 AA4AK KW4MM R3QW	1865 K3PT OE7FMH SP6IEQ	1854 EI2GLB EU1M WA5POK
1902 N4QWF	1888 KI4DLS MM0BQN W3SB W4YCH	1875 UN7ECA	1864 MU0FAL W6KK	1853 N7MQ W2RIJ W9VG WV6E
1901 F5JSD KD4W	1887 DF6TC KM3J	1874 K9UQN KK4OW NE8Z SP7IWA	1863 JQ1ALQ W8HMK WA9PIE	1851 NA4EA WA4QMQ
1900 JA7BSD JA8FHM JE2PCY K8DV LA9OI ND8L RD3AW W9IL	1886 4F2KWT	1873 JA5FBZ JF2WXS N4OA WA4VA	1862 AF5CC DJ5IO HI3T JA1HOM OE2KHM	1850 W8FN
1899 F5OVQ S58J	1885 OZ3SK V51B W4HZ W4ZYT	1872 EA8JF SM6CLU WT8V	1861 JA3WLN KE8UM N1AC ON7TK	1848 JF3LOP JH2IEE OZ1IKY WO9S YO4AUL
1898 DL8OH K9MMS W7IV	1884 IZ8EEI JA1WSK SM7EH*	1871 DJ8NT IZ8EDJ VE3KI W7IU	1860 N9ZI	1847 CT3MD N5ZC VE1OP W1WLW
1896 JA0EKI JA2EWE K4JC NJ3K	1883 HB9CXZ JE8LWZ JF2OZH SM5AOG VE2BR W4SO W8TE	1870 JO7KMB K5DC N6QI W0GJ	1859 AA0MZ ZS1A	1846 JA2XW N1ZZ

1845 IZ7AUH W7AH	SM3PHM VE3CV VK3FM	1819 IK2DUW JR1UFN SM0DSF	1806 PA0MBD VA7ZT	1793 N1IA
1844 N8SHZ	1830 JA2CEJ NF1O WS1L	1818 K0THN SP1DSZ W0FS	1805 5B4XF CT1BXX N2JJ NE3F	1792 DL3EA JH4RLY JR6GIM
1843 IK2VUC JA3UCO KK4CB MM0EAX	1829 JA2ITK JH1ECG KD1F LA0FA WA3I	1817 JA7VEI JF0JYR JH7IAJ SP6EII WA4BIM	1804 JA1QWT	1791 DL5XAT W3DM
1842 NE9Z			1803 DF2PI VE6KC	1790 F1ICS JH1AJT WW2DX
1841 GW3SFC K5DHY SV1QN WB2AQC	1828 JA1QIW JF2DND OZ4VW	1816 IZ8IEV JA8FFM W8LKG	1802 JT1BV KE5PO N2SQW W5LE	1789 JH4ALY JI3BFC
1840 EI6IZ W0KJCJ	1827 HB9DDM I0JBL IV3AZZ JJ0DRC K2MP NA5Z	1815 JA1MZL UA3O W1PX	1801 4X6ZK N5PR VU2PTT W7NN XE2X	1788 K0ARS KT2C LA1U
1838 DJ1TO ON4ANN	1826 VE3YV W0SZ	1814 NR9J NV9L	1800 AJ9C EA1AF K2EK K6IPV	1787 DK6OR IZ8AJU KM7R ON8GT VE7TK
1837 DJ3AA		1813 JI1LAT K0LUZ		1786 AA7XT NM5Z
1836 DF2NU DK3WW K0SD K5AB	1824 IK2RZP K2AX	1812 DS3HWS	1799 JE1IBI W0YVA	1785 JI8PDC JL1BYZ K9QFR R5DU
1835 JA6HQT NT5V	1823 NI5F	1811 IZ3BJK OH2RI	1798 S59DKR	
1834 W9SN	1822 JA7KE JH1RFM K6XN WB0TVY	1810 DL1DWT KV4FZ	1796 K0RS W1AW	1784 K5FUV W3MF
1833 LU8ADX W2NK W8CD	1821 JE1AEX	1809 DJ8ES JA1EMQ OH1XT	1795 AB4I K4EU K8YYY KA9OKH WC4B	1783 EI7CC IK0OPS IZ0CBB JJ1KZZ R9MJ
1832 W2CG	1820 JA3EY K8ZM KG9Z N6PE R3LA	1808 YO3DDZ	1794 I2YWR K5KG	1782 HL3AMO JA7GYP
1831 IW0HQE JE2LPC		1807 IS0AFM WY6N		

JQ1TIV SM0XBI	SM5YOC W0ZD	1756 K7ACZ NE9R W5VQ W9NIO*	1744 NQ3A RX6DX W9HBH	1733 JA1QXC LZ2HN
1781 DL1FKA W6TK WB2WPM	1769 KI4WCQ WC7N XE1VIC	1755 DK0EE WF4U	1743 HB9CIC K5CR	1732 IK6EIW JA5JUG JR1WCT N5FF W9ZCL
1780 N2GZ W6OD	1768 JH1OGT K7LAZ	1754 K2IXQ VK2CA W5WTX W8RV	1742 JA3EOP K9SG	1731 DL2RTL KR4W N2RR N6NU SP7ICE W9GXR WA5NFC
1779 DM3AZ JA6GIJ UA0FO	1767 JK1TCV VE3VC WK4Y*	1752 AL7R G3WW JF2HPA LA2XPA RW3QM W3NS	1741 JH2AJY WX0B	1730 JS1NDM KE6FV S52TJ UN2E YO2KHK
1778 JR3QHQ K0OK	1766 EI2JD EU1KY JM1LPN N2KX	1751 LA5XGA NA2U	1740 DK5QK K3GGN N3ND VK7CW	1729 LA2GH RW9QA
1777 JA7DYJ K4EM	1765 KK1W	1750 AA6PW N1MD RA3BL WS5W	1739 AD6ZJ CT1IZW EA3WL G3LDI K4EB K6IPM K6RG SV8RX W6AEA W9ZJ	1728 DL5XL K7NK
1776 YB1UUN	1764 DS5RNM	1749 JJ1CZR N6BM	1738 AA3LX G0VXE HB9TMW N6RK	1727 JE4CIL K4AR N3BNA N3ME N7HN W3ACO
1775 EW1P I8YAV	EA1JO HB9ZS JA1FQI JA1PAH UR4IOR UW7UA	1748 K8NS OZ1ACB R6JZ W2TB	1737 K1DX K8QKY W5GA	1726 I5MXX K4VNY
1774 K8RRT LA9VFA WC6DX	1763 DL3DTH N1QY	1747 K4LM*	1736 IK7WPC	1725 JA3HBC
1773 AJ7G OZ7DN VK6LC W9OO WB4YDL YV5LI	1762 CT1GFK DF9PG	1746 SM2DMU	1735 RN9CM RU6K W1YRC	1724 JA3CSZ
1772 K9PG N6MB R3DG UW2ZO WA0SXV	1760 JF1RYU JR1EFG	1745 IK2ZJN IK6GRT SP9RCL YO2DFA	1734 K1NY	1723 K1IFJ
1771 AI2N	1759 N7WS			
1770 N9ISN	1758 K2PF W6BK			
	1757 AG5W WB2NPY			

1722 CU3AN JA8DKJ K7FL M0IKW N1WQ W6PBI	1711 S52FW	KK5OQ N8VV	1689 K8SIA W4GMY	1676 PA3GRM W9FI
	1710 KG4CUY RA4P W4GP	1698 K4WY K5PC SM5API* W8SAX	1688 K0BBC K5MT KC5LK N2DPF W2DXE	1674 K1JD K4MIJ K9XD
1721 G4NXG JA5SUD JR3UIC RT3M W5THT	1709 G7VJR JA7BME YL2KF	1697 DF3EC KK9T W6TMD W8NN YL2TW	1687 LA8AW LA9AJA N2LQ	1673 EA7DUD
1720 N3RW N4XYZ W0RX	1708 DL7UPN JA1SHE JJ2RCJ W5UHQ	1696 IK1PMR K6MM N4AOE W9GG	1686 CT1ELF F6DAM K6LRN LZ2HM NX2X	1672 9K2NO KL7HBK W7ZJ
1718 K6CF	1707 DS5DNO SM5CSS	1695 HL4CJG JA2IYJ JH3HGH KF4VTT SP6AXW	1685 W1OG W2CDO W8CZN WE1P	1671 AC0X K6MKF SP6TRX
1717 JO1LVZ SP7CVW SV1GRE	1706 KS0M W9BP	1694 AK5X DL1HBT UA1ANA	1684 IK0EFR N7TY	1670 JA1BNL JA2OLJ JH4JLV
1716 DK1EI K4ST N3RD NO9E S53MJ ZS6NJ	1705 K8SMC	1693 K2MK K5NZ	1683 WA2UUK YO3JF	1669 K5ZQ N2RJ SV8BHN W6SFK WB7B
1715 EI8IU K0QQ K2CYE K7KB SP9WZS W7WZ	1704 N7FU N9KW W7FP W8FIB	1692 AC6HY JA3KZV K0KP N1NU W4LIA	1682 AG3V K1XV VE3JV	1668 JK1UNZ K2DC NA6MG WA1ZIC YO3FGO
1714 JG8FWH K8JE N7KO	1703 KX4TT W6DE	1691 KE5FXE SM7GIB WA2UBK	1681 K9MUF OK1DX WB6L ZS6P	1667 4X6UU IK4THK JA0KJE JE2UFF W9RXJ
1713 RM3DA ZS6UT	1702 HB9IIO JG3HBO	1690 DJ6NI JL1OXH K5TA N9XX W6RFF	1680 PY5IP W1MR	1666 F5CT
1712 JF1KMC	1701 K8BKM		1677 AA0ZP SV3FUO	1665 JA1WWO VR2XMT WA4MME
	1700 JA1UTZ K3GT K4TEA N6ZN OE1SZW WB2RAJ			
	1699 K3SV			

1664 JH1ILX KV1J	LA7WCA N1IX N2NW PY2DS RN3OA SM4CTT W3RW	1641 IK2ANI K4RG W7QHE	1630 JA1FUI K7HC WA3FRP	NA9RB
1663 HA5LQ IK0XIH JF1IXE K7AWB NU7J PY2SEX	1653 N9AW	1640 JA1TD K6XM K7GS N4XMX	1629 EA5DFV G4ZOY KW3W XE1MEX	1618 DG7RO JM1JIV K1DW KF4MH UA0FDX UT7KF W8WVM
1662 DJ3XG DL6UNF JA0CIU JH1BSJ	1652 DL5KUA N4FY N5EPA	1639 JA9NFO	1628 N8GP NW4M SV1BYI VE1RGB	1617 K0CF ON6AA WB2HJV
1661 EU4A K7FEL RL2A	1651 JA3UNA	1638 IK2GPQ K3MSB N9TK SV2DGH W3ABT	1627 IK1MEG N8AGU	1616 I5FLN N4ZY
1660 LA4WJ W6GRV ZP5YW	1650 I2TZK RZ3DW	1637 JG1SWM WD4OIN	1625 K7XC RV4LC W3OOU	1615 HB9MEJ JA8XQI
1659 DL6KO	1649 AA4DD IK6QOP OH3OJ	1636 JH1IZR RN6AJ	1624 CU3EQ JH1UBK UA9CNX	1614 OK2ZA UA4PK W5WLA
1658 DL2JIM JA1JPM JA1JYE JA4IYL JF2VAX	1648 NE3H TF3DC WA6TLA	1635 AA4A K4QE KA6BIM	1623 K4JKB W1OK W8OM	1613 GM3WIL JA1UII K5EWJ W7LGG
1657 DK1WU IT9BLB RA3S SM6AOU	1646 HL1AV K5OT K5UZ N0AMI W0KEU W1JA	1633 K0TT N4GU N6EE RA6AAW RW9SG VE3IQ VE4EAR	1622 KF4NEF WC7Q	1612 F5JY JE1CTA W1EG
1656 DK3QM N2CQ SP5ELW	1645 N1BCL* R7HF W4CCS W5GDX	1632 AA3TH JR0EQQ K1FEV S51MA WF4G	1621 N4DWK W6CUA	1611 EA5AR IV3TMV K5FNQ KE4UW KU4BP W2UDT
1655 JA1HSF K5JC WB5AAA	1644 GI4DOH JL1WQO KG5UZ SP6AEG	1631 JA9RT K6UNE KA1DJ PT7ZT SM5BNK W4GE	1620 I7LGM JA3BSL JA8EIA SM5OJH VA2IG W7YW WA2USA	1610 IZ1JMN NA2X W2GFF
1654 G3SBP JA6JNF	1642 DL1EK SM2EJE W1HEO		1619 7K3QPL JH9AUB K4SX	1609 AB4SF

1608 I0KDF JA2CUS R3IS UN7FW	I8MTQ VE3UZ VE3YF W5RYA XE2MX	K3WI N3ZOM	1578 LZ1MS NX7U	1569 JA2KNW K3LR K6BZS SP5LKJ UA1TAN
1607 N9AKR ON6NR SM3DXC WB6BFG WE2N	1596 JE1DXC JE1HPM JF1RPZ N8DUY	1587 JE1HRC LZ2ZG	1577 DL7KL K8DE W8UQ WB8ART YV5AM	1568 BA4TB DL6DQW JA1CCO
1606 K2CIB K3KY W7VS	1595 OM3IM W3UL	1586 AE5B IZ8EKL K4GK LA6OP W5DM W7TSQ	1576 JA3EEM OZ5HP	1567 AC5AA IS0MVE JH1AQN NA4M WX6V
1605 OM8FR S52D	1594 E74A EA3NP JJ6WZS KD0AA NA2AA SM0BYD	1585 KE4SCY	1575 AC9S CT1FCX DL7JRD K0MD K7LFY W0MU W2/CT1GIF	1566 E77S JH0NOS VE1JF
1604 DS1JFY W5ZE WB5STU	1593 HB9AAA JN1NOP	1584 VR2MY	1574 G3LAS JA4FJL JG1OWV RA3AUU YV4DYJ	1565 BV1EK K5OA KE1B N6WM OE6CLD
1603 JA1PPW JA6BZA W5NUT	1592 AB2RF CT1DOF KU2A N5PA OH1MA VR2XLN	1583 IW9HII KJ5PQ KR2Q N6GP N9TF VE7CV WA8MCD	1573 DL2HRT DL3LBM JE3EDJ JH0RVY JR2LJO NU4I W7IUO WA3GNW	1564 EA5GMB OH6JD UT6UA
1601 9A1R JA2MNB KA8SYV SP4K W6OUL	1591 AD5MN DF1ZN UT5URW W5VU W6WF	1582 AJ4A AJ8MH DL4FAP N0KK UN9L W4UFO	1572 IZ8MBW JM3GXU LX1CW	1563 IV3BSF N4IQ W0ZS W9QO
1600 K8ZZU KB2XJ UN8GU W0DD W6BCQ WA1EHK	1590 K0BX N8NA RX9JX SM5HJZ WA4FLZ	1581 AD4AA CT1AHU JA1CFZ JR4VMS K6UFO KE4KY VE1ZZ*	1571 HL5FBT JJ3FRB K4OCE KE3X	1562 KW9U YB0NFL
1599 DJ7JC HB9FBG	1589 F6FYD KE9U WP4G	1580 K9GS W1FA	1570 VU2CPL W9HP	1561 E73W K4FX
1598 CT1ELC N4XX	1588 FM5CD	1579 JH1VUO LU1FAM OE1ALW W4AG	1560 EA7QW K8KS K9DT KG6D N4BAF ND1Y	
1597 I5XFD				

UA1CKC	1550 DL5CL JA8OW N2CG N6EM N8AYY WA4USA Z31RQ	1540 EA5RD I8DVJ WR2K	OZ0J	1523 IK0CHU
1559 IT9RTA JR1DQK ON4ACG WB1EAZ			1531 EI9FVB KM2E WS4C	1522 DL2RD DL8DXF KI7AO KP3AH UA9LAO W3WST
1558 NF4A NM6V	1549 JL3LSF K1CBK K5AC WA6G	1539 FG4NO HL4XM N5ID VE2BWL	1530 DL7UIO IZ4AIB JA1DFK JH4RUF K7CMZ W7BEB	1521 KF2TI
1557 W1JGS		1538 K3SX W1KDA		1520 DK4PE N6WIN SP3EPG
1556 R3DL WA6EZV WJ3A	1548 IZ0GYP W2GS	1537 IK8GYS IZ0ADG JF1LMB JH1RVQ RZ3EM W4OV W6DCK WF5E WW1V	1529 CT1BOY I1CMA JA1ETN JE2JMV K4WFM K6NR	1519 AA4FU IT9XTP JA3QOS JH2BNL KI6X WA5UA
1555 F6ECI JA2HNP K7LY K9CJM KA6A VK3TC	1547 JH2AYB KK9H N7OJ SP5TT WA3GFM		1528 K3BR KE6V UA3FF VA7CRZ	
1554 AA6K CT1ZW KE9S KL0S R5QA W7TUS	1546 JE1LPZ OZ2RH	1536 DL5ZB EA5GHD IK4FNF JG3WCZ K4JWA LB5WB	1526 DS2BGV EA3CAZ G4DXW HL3ERJ HL4CBX JI1MNT K8JJC NA4MM UA9AGX	1518 G3YQA JI1VVB K1BZ W8NJR
1553 JP1SRG JR1AIB NE6I SV3KH W4CSW YL3DQ Z32ZM	1545 AA4U W5JAY	1535 K3STX K7CU KE0A NU1B		1517 JA1NRH JA4BXL N7ZO W0ANZ W2DEN
1552 JH8JYV KW4CQ RA9SC WQ7B	1544 7L4VYK JA2ACI SE2T	1534 DJ2VO K2OP KD8F S55DX VA2LM WW8W	1525 E21EIC EW2DZ JJ2VLY JR5VHU K4OY KE8G UT3UX	1516 EA5KA K0GSV* K7CMR VE1DUN
1551 G4AFJ JA0CVC K4KAY N6VS W4WT	1543 K8LO UA6JFG	1533 JH2KXN JR0PJR N4QWZ		1515 CU7MD DL1MDZ JA1XEL JG6MQI N1ZJ
	1542 HL5BMX JD1AMA W6WA	1532 EA8AXT N3VA N4HN	1524 K2CS K6FM LY3BY W3KHZ W8WM	1514 M0TTB N7RD OH5VT

1513 AB1J AG1I K3GW K8FC KA5V R7IA SP7QHR VE7UF	1507 9A6ST JG1LFR JH1CML N6RFM W8NGA	SQ9OH SV1MO SV8DOU UA1OM VK4CAG WA5CMI* YB0MWM	1493 JA3CMD K4AB LX1DA	S57UX
1512 HB9FBM JH6WMJ JR6IKD K5WBM N3AO N4RF NV1Q RA9LT UW2XW VE1JS VE7VF W1ZS W5FL W6ZO WA4CEM	1506 CE3FZ DL6DCD JH0BQX K5DV N6VNI WR2G	1500 AA4US DF2GH EA2AAZ EA7BJ FG8OJ JA2QXP K1KI K1UU K3VN KD2T KO8SCA N5VYS N6PAT OE3HWC OK8DD UT2VC W4QK W8MIL WO5I	1492 CT3CD DL3NSM N4PGL	1482 DL3IAC I0GKP I4JEE KC6JAM KQ4EE UN1O W9JJB
1511 DK8UH EA2HW JH2AQI JH4ADK K3IE N1PM UU7JM W0SD W4ID	1505 EA3IAA JH3PAS K4QD W4REX	1499 NE0DX SM5APS VE6TL	1491 K0JN XE1ILI	1481 AE4CW K5ALQ W2TX
1510 CT1AGS	1504 I1WXY JA1XRA JM2QWQ W4UAT	1498 EC1AIJ KA2CYN NO4J	1490 JA6AVT K2HAT KZ9DX VE3QAA	1480 AB2E K0XN KX1A
1509 DL1WM K0KL K2BB K8AO N2YBB R3BM UA9MC	1503 DK3UA IK3DVY IZ5EBL JF2ICB K8MN SQ7FPH UT7EC W5UE	1497 I2EAY K4YJ K5YG	1489 F9CI JR2BJE SM5ELV	1479 HB9CQL JH8SIT JJ1KXB JL1ELQ JR0AMD VA3AYA VE3UTT W0YK WT3Q
1508 IK4DCX N3TR NN6K WA8A YO4DW	1502 AB0RX JG6NGS K9LCR KN7K N4TOL	1496 E73M KY9KYO	1488 K8AJR LA6UL W6JTI	1477 KI4TZ W0IKD
	1501 DK5HZ F5UKW HB9AGO JA7EPO JA9NLE K2SHA K6MW KU1T ON5GQ R0QA R2DO RU9MX	1495 AL7TC K4CGY VE1HQ	1487 LA8WG N6IG W4PGC	1476 I8NHJ N2BI W7IAN*
		1494 K4AU	1486 CU2CE NA1DX W4PG W7HUY WB4DNL	1475 G0SYP JI1UHZ N1API
			1485 DM9EE GU0SUP HP3TA N8XI W8JA	1474 PA9RX
			1484 IK7YCE JI1WLL	1473 F5LIW LA7GIA LX1KC UN1L
			1483 DL4UCS JA1FJJ RU3UN	1472 CT1BOH

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1471 4X4JU AB4UF JA5DBE K8EAB	1458 EA2AFV K8CQ*	1448 JJ6DGP K1IED* VA7KO W7BQ	1439 DL5RDI JA7NLW N2XQM W1KMA	1428 F6HLC N3HBX OE1PMU SM6WET WA0WWW
1470 NU4B OZ1HPS WS1F	1457 AH0U JL3DGI	1447 JA3MVI KF6A N7BD VU2CDP	1438 K1TKL	1427 IW7EBE JF2SKV OH2BCK
1469 HB9CYV K8AJK	1456 JR7MAZ K3VAR NY4I S50U W1EBM	1446 YO9IKW	1437 VE3BZ W4UW	1426 9H1EJ SM4GVR W0QQ WA5KBH
1468 DC8TS	1455 DL4LAM ES1FB K2KIB UT5IP	1445 EA1PP JH9DRL KJ4UZU WA2MBP	1436 EA3ESZ KK4CLY VE7SZ	1425 DL6NW ER0FEO JA3BKP JH3PRR ZS1C
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1466 EI4CF JA3MIO N0YY	1453 IZ8DFO K2EQ W5QP WA4TII YU3MAY	1443 AK1N JA2KTP K0MFI N7MB V51YJ	1434 JH8WXF W3WH	1423 GM0VRP K0XR M0URX W5RDW
1465 JH2XQY K5YU K7VC	1452 KB4CRT	1442 EA1AZ GM4FDM K3VPZ KO4PY ND4X NN6L ON7DR SP7UWL WA8RCK	1433 K7ORK N8PCN WC2C	1422 HK1X I4ACO N6MXU W4MA W7/DL1UF W9SE
1464 N8NB	1451 AB4GE N8WRL TF4M W0JM	1441 K7PT N5PG	1432 PS8ACL YO3AIS	1421 JA3AYU K0IO
1463 HB9DVZ K1AJ N0VVV	1450 DJ5DT JA2BUR K5OVC N7TR W4TUN	1440 EA5MB IZ5FSA	1431 JH5HDA K7DSE K8MVZ KE4S W4AO WB3D	1420 JH0OXS UA3AKI
1462 DJ1OJ WB3BFC XE1R	1449 DM5EM		1430 K3WC W1UE ZS6KR	
1461 AA9RR JA4GXS			1429 AA4ZK JR3TOE KP4N	
1460 JL6USD K4WW W4DEE				

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1418 K4IE	1408 JA6XE W8JH	1396 DJ8WD JA1GVT K2RU NG6R WZ8P YO6HOY	1388 KC8RP W7KW YL2CA	1378 K9JE* KB5UNX N0TK SV1XV W4MAY
1417 9A0W DL9MEN IK1IYU KB4CL OZ6EI	1407 JH1FNU N1CGP WC3W	1395 JA9CHJ JE1BMJ JH3HTD VA3IC WA2VQV	1387 JE3GUG W5FPT	1377 JR2IMJ KF7NN W4DN W4PRO W4UDH
1416 DL4FDM	1406 I0EKY N4VN	1394 JH1QAX N5DD W6ZQ WA3GM	1386 E70T IV3AVQ NP3CW R7LP W0SHL W6OPO	1376 JA2LHG ND7K VA3MO W8HB
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1413 7M4AOE JA5XPD N6XT PY2RN RX3BP WB5ZAM	1403 G3VQO JR1TNE NX9T WA4NUF	1391 W7AJ W8TM WB8FIW WD5BJT	1383 F5EOT OE1JIS	
1412 AG7N KF0RQ KY5I	1402 JA0ED KK7YC UA0SE	1390 IV3ARJ K4TR K7QBO N8II UA3DK W4WJ	1382 I5YDO RL3AW W0RXL	1373 EA1DLU IK1UGX JA0NPQ K5NOF KK4XL N6NR W2PS W4TNX
1411 AI9U	1401 JA1DXA JM1JZN K1RI W2GB WS9W		1381 DK3TL K4MY K6EME W3FOX	
1410 HB9DQD JA6HUG	1400 IW0AFS JJ1LID		1380 KV4T N4WE	1372 5Q2J AC4BT K1OT KF7F N5CQ NX8Y WB1ASL
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1369 G4DYC W6HDG	1358 N3AIU SM4DDS	1348 AK3E KN7Y		1331 JA2FCZ JA3KWZ
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1367 F6GCP IV3FFI K0FF N4XU* N7ZA W6ZPL WA8CDU WA9JWL	1356 AA1M K9SUH SK0QO	1346 EA3NY JA6JPS K5LY	1338 9A9L JA8ANQ K6JAT KF1C SM2HWG W7PAQ	1329 4Z5LX W1GF
1366 JM1SZY K8GWU N2WLG	1355 IK7YZG K8EJ KD4S KI7HO W2PA W4NBS	1345 G3WPH JG1IEF R7FF W0BBI	1337 7K1CPT JH1XFR K5DCW PY2GG	1328 GM4YMM JA8AZN JE4FNC N5BO
1365 K3ATO N2FY SV1IXK	1354 DK1WB RO7T W4DCY W4WX W8SET	1344 IZ3GOO K3WGR K9HQM LU2JCW N5KA PY2ADR W0FG WA8VSJ	1336 AB5YI	1327 JA1PUK LA4PM UA0APV W0IJN WR5Y WZ4RC
1364 JA2CGH K4RDU KK0DX N3KR W9GE WA8LOW	1352 DJ9WH K2CDJ KA3CRC NC4AA NZ9Z WS4H	1343 IW0GBU NW4DX	1335 DL8SDC G4XEE IW2ETR JA3AVO NC4MM SV1CIB	1326 AF3X JE7JZT
1363 9A3NM NX1P WC1M	1351 AA3AZ IK4HLO K2SN NY3C WB5TUF	1342 AA8M DK8FS EA2AA IK0PRG W6VNR WB2GOK	1334 HB9BMY JA7BAL JH1OVY K4IA KT8D SM7DXQ W5TFW	1325 SM1NJC SM5AKS
1362 IZ5NFD KB1DMX PT7CB	1350 IK2HDF JI1CYX W6KGP WC0W	1341 KT8Y SM7IUN W1GQ W4UT WD8LTM	1333 G4VMX IK2RGT ND6S	1324 SP6OUQ
1360 4Z5IW RU3UR			1332 DJ6BN KA3GWD	1323 WB0O
				1322 9K2OD DL6KVA JA9FO JI1QZQ N9HF RU3DX W4DVG
				1321 DJ5EY JA1BWA K4LQ K5CD KG4JSZ

1320 DH4JQ DL2CC HB9ESS JA2DLM W3IZ W5JE W6BBS WQ5R	JJ2ONH K2QB K3SF KJ6Y WQ8T YB1TJ	JA1UOA JH1ACA K1VI KI3O R3QX	W7QC	JH3GRO K5HK KC4AA KU9S
1319 AJ8B DL3ZH EA1EA IZ7GXB ND3F RN5AA VE7VV ZS2I	1311 G3PSM GW4TSG K7PO VA7XX W2GR W4HM W4PV WB7QXU	1303 DL1SDH DM3CW JA2XLV JR6GHN K4GHS W9RB	1295 G3GAF G4SGX PA3FWV RX4HW W2NY	1286 K2WJ RL3BZ RN3QO
1318 DL9DRA G4ZWY HI3Y K0HQW OT1A S57AL	1310 EI8GS JH3KAI N7QU VA6JV	1302 IK6OIN K0ABC K2MHE KB7V LA5LT N1BY N9RD	1294 DK3FB KN6H PF7M	1285 7Z1SJ KG6B KK8MM W1PR W1SLF W4CMM
1317 DL5NO JP1HDK SM0W	1309 K8ARY W1JMM W6DX YV5JGO	1301 AA4MM AC9EM IT9JPS JA3HBF N7GR N9AVY VK3GA	1293 IK2WPO W7CD	1284 HA7GN N0OK PT7DX
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1315 K2OGD K4JUJ N8IL	1307 JM1GHT K4ZA VA2LC YL2CZ	1299 CT1AUO DJ4KW DL2MIH I2YPY KM4A N2ZN W6FL	1291 AE6Y JA1PCM K2RET K9ZG ON4LG W8FAX W9MAK WP4EJH	1282 A71EM IK6BSN K9MX NN4X W1RG W4QNW
1314 G4IDL NS3L W2FCR WB7VNY	1306 BH4SYG CT1FJK DJ4PT N9CO W2FB	1298 CT3BD GW4MVA NI5G UA3GT WB0ULX	1290 DJ2UU I8LWL WB2KSP	1281 DJ9CW G8AJM JH7QLR KC9G WV4V
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1312 EI1DG	1304 4Z5GV DL5JS IZ8DEO		1288 JA1XQC K5GM NJ5N	1279 K4GN N3FG ZS1EL
			1287 CT3BX EA6AZ IK0TUM	1278 GW0ANA I5SDG JA1GVM

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1277 JA1BON JH1SOD K7EV	1268 EA5XV I8PND K5AV PY2XAT YL2TD	1257 4Z5FL K5PI S51DV	1250 K8LN NV4B SM3CZS	1242 AC6DD G6GA IC8SQS JA8DBU K8SL NG0G W4AVY W9XQ WA8Y
1276 I2LXA K0LU N5QS NY6C US8UA W2EQ W6GJB	1267 G3PLP N4ANV XE1MW	1256 IK7EOT W9MO	1249 CT1HHP DS4DRE JH7CUO KK6T N7VPN PA7MM	1241 JH4CPC JL3JTD NH6T/W4 NJ0F WO2X
1275 N0STL UA4PT	1266 US5CB WK8A	1255 IT9GSF JH1SWD JH4VDP NE5W ON6KE W3HER	1248 G1VDP GI4OWA IK8YFU K8MRT SV3RKM	1240 K2FL KF9AF KX6C
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1273 W3HKK	1264 DL7AA	1253 DS5TOS JH8CFZ KM2L SV3ICK TF3JB W3KHQ	1246 DJ9BX K9GWH KG5VK N0VD VA3VET W1ECS	1238 DF1IR KD5QHV LZ1XL VR2PX W5LUA WC4V
1272 G4RGK HB9DRS K7VV KB3LIX SM5BFJ VK3KE WK9U XE2B	1263 EA7AN JK1LUY KN4JX W2EJG YO2BS	1252 4X1RU AA9D JA9NUN K2RNY KD9HL LU5FCI MU0GSY R3QJ SM4BNZ WA3WZR	1245 DL3ANK K2SZ KB8GAE KQ5U N7RP W0CK WD8NVN	1237 CT2IUK DL1QQ IZ0BTV JA5JGY JH3GFA KH6XT KR0O N8RF
1271 EA1AR KM4NS ND6G SV1FJF W3FJ W5GVP	1262 JA9CGW	1251 7J1ABD AK7O HL4RBR I2DMI IV3KCB K0KO K7GQ	1244 A65BD NN7X	1236 JA6MWW N8KU OM0AST UR9IDX W6PG
1270 AJ4F DL2AMD I0YR JK1UVP N7TM ZP6CW	1261 K3TLP KP4RV WB4SON WB8YTZ		1243 JA4CSJ	
	1260 W7JW			
	1259 DF3FJ G3HSR K5FXB OK1MBW W1GY			

1235 DH0GSU JI2EMF RA3M W6IZT	N4UFP UR7CQ	LA9PJA VE3FRR	W0MAN	1204 G3CWW IK5BOH/2 IU8FRE JH2NWP JR4PMX ZS6RJ
1234 K4LRX KD0S NS7K	1227 8P6SH K4DET W6HYI WA0BZA WA2C	1218 AD6DK IZ1JLG K4JPD K4VZ KJ7NO LU2DSL N1LID RA3CO	1211 AC4VM IZ3KNK JA6GPR K3XC KR4BD WX0Y	1203 JF7DZA K7JH KU5B ON4AGX WA5NOM
1233 GM1BSG I2XIP IZ7EVZ JR3MTO KF2T N9MW	1226 DL3BUE HA5FA HB9DLE K1PT PJ4LS	1217 JQ2QHJ KA1API VK7ZE W0VD ZL2AO	1210 HB9AWS JL4BSE	1202 IT9CMU JL3MCM N8WD NL7S VA7RY
1232 AA6XV N8NH NM1G W8GNM WB6AXD	1225 K6TAR	1216 AB9KZ DF2QC DM3ZF IZ0COK JP1TRJ W0IZ W3TC	1209 EA5BD EW4C JH0EQN N6MA OK2FB VA3HP	1201 CT3EE DL2TOS EI7GY EW7DK G7SSE IS0/YO3RA JA0GZZ JA2CPD JR6PGB K4MIL KB9AIT W4GH W6CN
1231 W0ZR W2FKF WB8RFB	1224 AB4FH JH4ADF NR4M OZ8X SP5APW WA6KHK	1215 CT3DZ JA1JMF JH0LME NY7T W1MO	1208 4X6KJ K9JU OE7SEL	1200 EA1KE JA1SKE K2RSK KD5R VA3NXM W7HR WM9Q
1230 F6DHI JA1QOQ JA4OPW KX9X SP7MOC W2IZN W6FEL YB3MM	1223 JA0PE JA1CPU K3NF K7TM	1214 BX5AA N5RZ N6VH N9QQK	1207 DJ3CQ DL2VWR IK4TVP JL1MWI K6GFJ KC4GL N9MR NM9P WA0JZK WB4ROA	1199 JA1VRU JK2VOC KF3N N3RR SV2DSJ WE2K
1229 IK5EKB KF4ZZ LA7QI N0FCD N7TK W3JXP WA3IIA WB0N	1222 JA3BG KB5HC VE3TM W5HMK W5RY	1213 IK0OZD JH4GNE K6VVA LU3VA N9FH W0UVC W4NK W6AER	1206 G4FAL JH1FSB K0AU K4KL K7SO W4UR XE1EE	1198 F5NBX JI1FXS
1228 F5VHQ IZ0CKJ JA1XPQ K1LTJ KB1HY	1221 JA1QVR K5ZD KF8HR NX4D PA3BWD UA0SC	1212 DJ0AH IK8MRD N5MT UU2JQ	1205 AA6RE I4FTU K8YAH* N0ACH N0TR N1KDO N9OF	
	1220 OE1TKW VE6SV W8PI WY7FD			
	1219 KI7M			

K4HQB KA5VFU	F4GTB JF1JTQ	IK6DEN JH1SBE	1172 K3AJ K3TRM	1164 AA7UN JR1FHP WV2I
1197 DS4DBF IZ6ERS K4OP WA6URY	1188 IK6RFQ N3HYB N5OHL NZ0O SP3UY	1179 IU4CHE JR6LDE TA1AL UA6FZ	1171 6K5AQY DG5DBT JA1DIO KA3S LU9DO	1163 HL1VAU JA3EUB JA9LSZ JE2RBK N7FF NI8Z RU3U YO4NA
1196 DL1ECG EW3CW K2JK KN9P TA1L	1187 G3EKJ KR0P	1178 AA9WO AC6T ND0C	1170 HK3CW JH1EVD LZ1CY PA2R VE3XO WA9GON	1162 DF7GG DL9GOA YO9GJY
1195 LA8PDA N0ODK N9NM UN8GA VU2LBW WA8IQF	1186 IT9CVO	1177 JH1EIG JI1HNC K1IB WM4AA WO5D	1169 7N4OBV KM2O VE3XB W1SSN	1161 AA4OC JA4RED ON4EB
1194 I8OCA JA1SZN JR5JAQ	1185 HA3OU JA1EYN N5YY VU2ABS W1DYJ WD9Q	1176 CT1DIZ EI4BZ HB0WR IK2WSO IZ3XEF K9IA N6KJ	1168 K2SY NT5O PV8DX	1160 DH2PC F6FFR W7BJN
1193 W7NP WB3AVD	1184 HA8FW JH8BOE K4JGR K7YZO W6DVS	1175 DL7XU JH8LLE LA1J LB7Q N2ZL R5AA W4TE ZL1ANH	1167 9A4BL DL5CT G0FWX K1RM K4CSB K8KI KL7RA NA4CW OZ1LWT UT4EK	1159 DM5JBN JA3BLN WA0GUD WF4B
1192 DJ0IF IZ0NRG	1183 IS0EBO JA2ODB K4RP N3OC VE3VGI W9FXA WA9MAG YO9FLD	1174 K2DF K6AWR K7MO W4SKW WE9A	1166 F8EZE JA3OOK RA3SD W5CWQ YT7T	1158 DL4ZAB JA3AAW JA3VUI JH1BUO JJ1IRS N9IO PB9FN W6IS
1191 DL8OK LU5OM N7NR W0SA W1SRD ZL3NB	1182 AB2DP EA7LS JH1BNC KI5T	1173 DJ3GW DJ3XD EI7JZ JA6CM JF1KIG K2SG K5QR K9BQL	1165 JE4WOK JL1IHE N6ORB VK5CE W7LEA WU4B	1157 DH5JG DK1AX JA5CDL JA7GDU KB9S N7NW ND7J WA1HEW WU2G ZL3REX
1190 AB6Z EA4DUT HL2FDW IV3BBR N4TD W0GN W1BYH W4DTA	1181 AB5GU N9IXD PW7T SM0EUI W5XU			
1189 AA9AA	1180 G8APB			

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1155 K0GEO K6ASK K7JY N2CJ SP7ASZ W4RS	1146 A71AM K1VSJ NY9H ON7LX R0SR W8AAX*	1139 K3PH SP9PRO	1131 CT1ETE JA0BES N9JR W8GU WA0RVK YO5OEF	1123 AC7ZG I1LGR JG0CQK WP4CQ WW4LL
1154 I0KRP JG2TSL JI1QIO KE4FW WB9WHQ	1145 K0UBR K9QA N5VR	1138 EA1IO JH8NQV K8POM LA4RT	1130 K0UU KJ6MBW N5TF N9CDX VE2NGH W4CC	1122 E20YLM M0VAA SQ8J SV1AOZ UA4ARL W1DXH
1153 EA1WH F5MZE K1YT N1FOJ WY0V	1144 EA5DKU F6IMB JE7BUH JR1KAG NA9Q ZS5LEE	1137 IK5IFH K7VL KZ2R N8QGC NN5G RA0LQ	1129 DF2UH HB9G HL4GHT JA2THS JH1FVE JH8CXW N4HGZ UA3LIU UN7BY	1121 IK1NLZ IK1ZOF PB2A PY5VC SP5MXZ WA4YYM
1152 IK0FUR KP4P N4QV VK4BUI WA4MIT	1143 EA5BZS ER1LW KC2STA N6TR R8IA VK3OT W6MYN	1136 AG6HE CP6XE EA4UV K1FT K8CC LZ1MDU RN3A SP5ZCC	1128 DS5JMG K7KJ	1120 KD4SN N3YZ W1RZF
1151 AA4LR DK7VW G4DDL HL3EHK K8CR NW6V SP5JXK	1142 OH2DW PA5CW SP3FYX W7RN	1135 EA7LL JK3GWT K5RKS N2WN OE3JAG RN7G WN0L	1127 WA7HQD	1119 AB4H K5TN KI8L RK3QY S59SV WN1M
1150 N9LF R4FAN	1141 KZ1X OM3CND	1134 AI2S DL9GTB EA1NK IK0UUM VE3KKB W7VV	1126 AD4EB AK6I K4KGG N2MEE W5HY	1118 DL1MAJ JA1CC JE3ENP K9WX N4VAN WB8CQV
1149 DJ8SN JQ1YIW N8AID UA1CGS WB9IWN	1140 DL1DH HB9PUE JA9APM JI6IHG K1BG N9RE	1133 AD4RE JR1EYB SP9ODY WA4AFE	1125 G4FKA JI8XLD N2IC PT2ADM SK5PZ WA7BNG	1117 AA2WC G4YCS IK7HDY VE1SK W9ROG WB5NHL
1148 K1TU WB4KTC		1132 F5NTV LU6ETB SM5FQQ	1124 CT1DSV F8GB K0MP K3SW TF5B	

1116 DJ7AO F5JGA IT9ABN IZ4COT JA4OIJ JA8ALB RJ6J US3IZ W3DIY	K3FT RW6MBC	PA5O VK4OQ	1095 7N2JZT EA4EPY K3UW TA2AD W4EJG W9KX	W5MJ
1115 IZ5BYJ K8DJC LA7MFA WO6T YB2DX	1108 AJ4IM CT7ANG KD3HN N1CC OH2IS SM0NUE W3UTD	1101 9A2WJ AB5RM IZ3DBA IZ6ELF K2UF	1094 3A2MW DG5LAC GM0NAI IZ0HTW LU1FM TZ4AM W0YBS W4DSM	1088 AA5VU DM1DK EA7OH G0HSA JA1DJO JN4FNZ K4AVU W8MSP WB8IZM WO3Z
1114 CU2AF K3JWI KA4H	1107 DK2GP EA1AA K1KU K6IRA K9KU	1100 I0ZUT IK6CGO IK8IPL IZ5GST JA5BZL JR2PAU KH6DX	1093 IK5ZUK JA2AXB N5XE UN3G W1UK	1087 EW1LM N3NO NC6K
1113 DK4MX DU1KT JA1FVS N2ZZ UA4CX	1106 DL3NM G3PMR K0KM K7IA KN4FO N3GS NE1RD RT0Q W0QD W5AP W9OSI	1099 IZ7GIT JH1HGI N0RQ YO4PX	1092 AC6BW EI5GM KD2OV N4WD NE1F	1086 JA0KJD JA8DRK JG1DUZ JG1EIQ
1112 DL6DH JH1DSF JL7BRH JM7TKK N1EVK N9EAJ W4HOG W5SG	1105 AI4QQ IK7MXB K7EKD K8WHA W9VA	1098 CT1EGW DJ3EJ E72AD EA5HM IN3EQZ JJ0NSL K4OTV K5YAA KA8YYZ SV4FFL	1091 A35RK EA1AHA JH6JMN K4YL KR4DA W1MI	1085 AI7W IK0CNA N4NR W4OWY W9GM
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1109 DM5BB	1102 DS4CNB F8DZY IZ4ORF K3NW			1082 4Z4OQ JA4XHF JF2QNM KD8MQY W6MVV WB8YJF
				1081 JJ2PIK

MM0BQI	N7PIB	LU4DXU	1060	1053
NA2R	RK9UN	ON4VT	EI9HX	F8AMV
SM5CCT	VE6BMX	SM5AFU	G4GEE	JA3RAZ
W8VI	W1WN	VO1NA	K1TN	JT1CS
1080	W5RF	W1TYQ	W4MOT	K6OHM
IZ6CST	1073	W4MBD	W9IM	KG4USN
N6JM	JH1ERJ	1066	WB6EWM	V47JA
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NR2D	RA6WF	DH5MM	JA3AOP	1052
WA9IVU	VE3NI	IT9RWB	K0YY	IC8XIL
1079	W1DDD	ON6LY	K4ZNC	K9WMS
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KV2S	PA0ZH	1065	WA6POZ	G3VXJ
LU7DW	RV3DB	HB9BOU	YL2CB	K9JJR
W0RI	ZS2ACP	K4XU	1058	K9NS
XE2AU	1071	WB2UFF	JA2BL	KJ7M
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SM7CZL	N9LEO	ES2BL	1057	AD7KG
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JF1CZQ	SM3DTR	JO1ABS	K0GW	K0MB
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W4ASE	1070	N9LJX	N6TV	N4NM
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W5MF	JR1JGA	1063	W5MT	1049
W7IMU	1069	AK5Q	W6PH	K5UN
WA7AVL	DL6NDW	JR3ADB	1056	W3EP
1076	IK8OZV	VE6PL	JG2KKG	WV1X
AG4TO	JG8NKJ	W1LY	K0GK	1048
HA2ESM	SV2CLJ	W4KK	N0PFE	IZ1POF
JA8EJZ	UA9UX	1062	N5JC	K2HT
JL1GYZ	W4GV	AB1QB	N7EO	KH6CQH/W7
K0OB	W4HPW	I8DPP	RZ6DX	VA1SEA
KB5CSQ	W9FF	IV3NVB	W1MSW	W4PJW
N4MEC	W9ZT	JE2SOY	W8AF	1047
PP5VB	WD1M	KS4Q	WB6RAB	DM2DXG
1075	YU1NR	OZ7BQ	1055	IW9DNI
AB6BT	1068	W1WEF	DL5KUT	JA1IFD
G3XVF	9H1AE	W3MRL	I8NLC	K0GVT
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KE4WI	N5DI	WN9Q	UU5WW	N6IBP
PA5KT	UA0LDW	1061	1054	V31MD
W1ZZ	1067	EA3EQT	JA0CRG	1046
1074	JA7EU	G0MMI	JA1SHC	DL2MWB
JE0EHE	K9WZB	JH0NBN	K4MQM	F6BLP
K3CWF	KJ9X	KA4LBD	KB3KJ	KU4GC
KG6WIK	KS0T	LA9SN	SQ6SZ	N8JK
		W4AEJ	ZL1AIX	

R6AZ W3OU W4ZV	1039 AE9DX DK8IZ K1ROA K2QL N4EFS N4FN NF8J	1032 9A1A K9JN W5/NH7C WF1H	N3DV N6WT UX4UM VE2WY W2WGK W6WRT	1020 IK6CAC S53X W5SUM WA8JBG ZL1HD
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1040 8P5A JE2VYM K0IL K3MI K4LCP KA5M UN6TA WB4PWZ	1033 AA0BH AG5Z HB9EFK JA1VDJ K5JF* NR0T VE6SH W3US	1026 DL7UCX DS2GOO IZ2MHT JA8BZL KE7W		1014 DK1MM DK6CQ K2KQ KG5EG KK9M
				1013 HB9RE IZ0GKB

R7KW	XE1V YB2TX	KG7CW LU7HF NW7M S53BB W5EW WA2ALY WA3KVN	N5HC
1012 IK2OVC JH1KIM K7LAY N6XG RA3AA RD3BZ UU1JA	1007 7Z1CQ DD1JN G3XLF K1UM K2TTM K4RWP K6QU KA2F KR7RK N3JON RN4AM WA0GOZ WF5W XE2YWH	1003 4X1SK AF4Z DF5BX DM2RM EU1TT IK1RLI JA1PVX JL1BDI K7HP KF6E LA4HC NK2H RU3OW SP5DL W3JX YB4IR	1000 CT1BWU DF1KG EA3HPX EA4EQD IK6TOT IW0BCF JA0HXV JH1AWJ JN1RFY JR7ILA K0JJR K1JE KO6KD KZ5D N4ST NA9J PP6ZZ RA5C RT3I SQ5NRY TG9AJR W3ENM W8VK WB4OMM WI2E WJ0T WU1U WX4F YB0DJ YB2TJV YO3HOT YO5QAW
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1009 HL2DBP JE4MHL JF2ERJ K4DXA W1RH WD9FLI WM5DX			
1008 9A2GA KP4JRS N6DHZ RA9SAS SM0DGW SM1TDE UA9FFV W6LJS W8TOM W07V	1004 5B4ALJ CX9AU EW7A F5VHJ IW0AGX JA0LFV JA7JND JQ2NBX K4EQ K9IJ		