

## 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 Nov 2024, 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.

|                                |                                       |   |                                |  |
|--------------------------------|---------------------------------------|---|--------------------------------|--|
| <b>3301</b><br>EA8AK           | <b>3205</b><br>OH2BU                  | <b>3182</b><br>K5UR                       | <b>3157</b><br>9A2AA<br>JA4LKB | <b>3138</b><br>K4CIA<br>OZ1BTE         |
| <b>3277</b><br>HA0DU           | <b>3204</b><br>W4DR                   | <b>3180</b><br>W1JR                       | <b>3156</b><br>9A7V<br>JA5EXW  | <b>3136</b><br>PY2XB                   |
| <b>3255</b><br>LZ2DF           | <b>3202</b><br>DJ6RX                  | <b>3176</b><br>W9ZR                       | <b>3155</b><br>K5RK            | <b>3135</b><br>N4CC                    |
| <b>3248</b><br>JA1BK<br>SP5EWY | <b>3199</b><br>OH3SR<br>PE5T          | <b>3172</b><br>W3LPL                      | <b>3154</b><br>JH4UYB          | <b>3134</b><br>CT1EKY                  |
| <b>3240</b><br>CT1EEB          | <b>3198</b><br>KJ9I                   | <b>3171</b><br>GM3POI<br>IK1GPG<br>JH4IFF | <b>3152</b><br>CT1APE          | <b>3133</b><br>IK4GME<br>S58T<br>SV8CS |
| <b>3236</b><br>DF3CB           | <b>3197</b><br>N4WW<br>UX0UN          | <b>3169</b><br>JA4DND<br>OH1XX            | <b>3150</b><br>WB9Z            | <b>3125</b><br>IK8HJC<br>JF2MBF        |
| <b>3230</b><br>UT7QF           | <b>3191</b><br>K8MFO<br>N1DG<br>W1NG  | <b>3166</b><br>IK4DRY<br>OE6IMD<br>SM3GSK | <b>3149</b><br>G3KMA<br>NN4T   | <b>3121</b><br>EY8MM<br>VE3EJ          |
| <b>3228</b><br>4X4DK           | <b>3189</b><br>IK4MGP                 | <b>3165</b><br>I4EWH                      | <b>3148</b><br>PA3FQA          | <b>3120</b><br>W3YX                    |
| <b>3223</b><br>OZ1LO           | <b>3188</b><br>EA6SX<br>YU1FW         | <b>3164</b><br>N3XX                       | <b>3145</b><br>UR0MC           | <b>3119</b><br>HB9BGV<br>OK3GU         |
| <b>3221</b><br>JR2KDN<br>S50A  | <b>3186</b><br>G4BWP<br>I4AVG         | <b>3163</b><br>SM0AJU                     | <b>3144</b><br>JA3FYC          | <b>3118</b><br>GM3YTS<br>N8DX          |
| <b>3214</b><br>DJ9KG           | <b>3183</b><br>F6BKI<br>G0JHC<br>W3UR | <b>3162</b><br>SM6CVX                     | <b>3142</b><br>SP3E            | <b>3117</b><br>I0WDX<br>SM3EVR         |
| <b>3211</b><br>K4PI            |                                       | <b>3158</b><br>DL4MCF<br>UT5UGR           | <b>3141</b><br>JA5AUC<br>K2TQC |  |
| <b>3206</b><br>IK4WMA          |                                       |   | <b>3139</b><br>SP3EPK          |  |

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| <b>3115</b><br>IZ0AEG<br>OG2M           | JR3IIR<br>W7UT                         | <b>3072</b><br>AA1V                    | N8RR<br>UX1UA                            | <b>3029</b><br>W4TO   |
| <b>3113</b><br>JQ3DUE<br>SV1FJA         | <b>3092</b><br>JG3QZN                  | <b>3071</b><br>SL0ZG                   | <b>3047</b><br>G0DQS<br>G4PWA            | <b>3028</b><br>AG9S<br>DL1AMQ<br>G3TXF<br>I4LCK<br>T77C             |
| <b>3112</b><br>VA3DX                    | <b>3091</b><br>W4DXX                   | <b>3070</b><br>SP9DWT                  | <b>3046</b><br>JH2FXK<br>OE2VEL<br>UT7UJ | <b>3027</b><br>OH5KW  |
| <b>3111</b><br>N0TB<br>OH1MA<br>SM5CEU  | <b>3090</b><br>EA3A<br>JH1GZE<br>SP7VC | <b>3068</b><br>N0XA<br>W8UVZ<br>WD5COV | <b>3044</b><br>K4XP<br>N9IW              | <b>3025</b><br>N4CH   |
| <b>3110</b><br>DL7VEE<br>OH1ND          | <b>3088</b><br>AA7A<br>IZ1ANU          | <b>3067</b><br>IK6FWJ<br>K3UA          | <b>3043</b><br>DK5WL                     | <b>3024</b><br>DL5DSM<br>F6BEE<br>JA2FBY<br>N6AR<br>SP8NR           |
| <b>3109</b><br>SM3NRY<br>SM6CMU         | <b>3086</b><br>EA5BM                   | <b>3066</b><br>JA2VPO                  | <b>3042</b><br>JA1UQP<br>YO9HP           | <b>3023</b><br>VK4MA  |
| <b>3108</b><br>I5NPH                    | <b>3085</b><br>DK5PR                   | <b>3065</b><br>KD5M                    | <b>3041</b><br>SP1S<br>W5OZI             | <b>3022</b><br>AA6YQ<br>DL2OE<br>JA5AQC<br>JA5MHD<br>N4RJ<br>OE5KE  |
| <b>3106</b><br>N2QT<br>UT3UA            | <b>3084</b><br>F6AOJ                   | <b>3063</b><br>NR1R                    | <b>3040</b><br>DJ2YA<br>K1CP<br>K9CT     | <b>3020</b><br>JA0DAI<br>JR7VHZ<br>W3CC                             |
| <b>3104</b><br>OE3GCU                   | <b>3083</b><br>IK6DLK                  | <b>3062</b><br>YO5BRZ                  | <b>3039</b><br>WK3N                      | <b>3019</b><br>N7NR<br>UT9FJ  |
| <b>3102</b><br>PA0WRS<br>S59Z<br>SP2FAX | <b>3081</b><br>9A2EU                   | <b>3061</b><br>SP6CIK<br>YO3APJ        | <b>3038</b><br>W4PK                      | <b>3018</b><br>JA3EMU   |
| <b>3101</b><br>DF3GY<br>JE6KYA          | <b>3080</b><br>9A1CCY<br>KF2O<br>W0BV  | <b>3059</b><br>K4MQG                   | <b>3037</b><br>N4BAA                     | <b>3017</b><br>KW9A<br>OH1LEU                                       |
| <b>3099</b><br>G4CCZ<br>LY2IJ           | <b>3079</b><br>SM5AQD                  | <b>3058</b><br>GM0GAV<br>SP5CJQ        | <b>3036</b><br>SM5KNV                    | <b>3014</b><br>EA6NB<br>HB9AMO<br>K5DU<br>S51DI<br>UA4HBW<br>UT5JAJ |
| <b>3098</b><br>NJ6P                     | <b>3078</b><br>N3SL                    | <b>3054</b><br>W2YC<br>W5ZN            | <b>3033</b><br>N2LT<br>UB7K              |   |
| <b>3094</b><br>IK5HHA<br>ON4IQ          | <b>3077</b><br>DF4PL                   | <b>3053</b><br>JR6EZE                  | <b>3032</b><br>UY5ZZ                     |   |
| <b>3093</b><br>G3XTT<br>JA2JPA          | <b>3075</b><br>IK4CIE<br>K4DY          | <b>3051</b><br>OE6MDF<br>SV1RK         | <b>3031</b><br>N2TK<br>W9RPM             |   |
|   | <b>3074</b><br>HB9BIN                  | <b>3050</b><br>VE1YX                   | <b>3030</b><br>G3ZSS                     |   |
|   | <b>3073</b><br>ON4AOI                  | <b>3048</b><br>JA1HGY                  |  |   |

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| <b>3013</b><br>R7LV<br>SM6CCO                            | SP7GAQ<br>US4EX  | <b>2980</b><br>JG1ULJ<br>JJ2LPV<br>N4XM               | YV1DIG  | <b>2940</b><br>W1GL                                    |
| <b>3012</b><br>K8PT                                      | <b>3000</b><br>5B4AGN<br>F5II<br>HA8IE<br>I5KKW<br>JH4ADV<br>K2FF<br>KX4R<br>OK6DJ<br>PY2BW<br>SP5DIR<br>US5WE | <b>2979</b><br>JJ3PRT<br>N6JV                         | <b>2961</b><br>F6DAY<br>JH1HGC<br>MD0CCE      | <b>2938</b><br>HB9RG<br>K0EU<br>OZ8BZ<br>W6XA          |
| <b>3011</b><br>JR3GWZ                                    |  |   | <b>2960</b><br>S53R                           | <b>2937</b><br>JA2IVK<br>W3KX                          |
| <b>3010</b><br>EI7BA<br>OE1WEU                           |  | <b>2977</b><br>K5ESW<br>W4UM                          | <b>2959</b><br>K4IQJ<br>UA3AKO<br>W9IXX       | <b>2935</b><br>R3OK<br>YU3AA                           |
| <b>3009</b><br>F6EXV<br>N0AT<br>SM4DHF                   | <b>2998</b><br>K4UTE   | <b>2975</b><br>K0IEA<br>KY7M                          | <b>2958</b><br>JA1SYY                         | <b>2934</b><br>JA0EOK<br>OH3BU                         |
| <b>3008</b><br>JA2JW<br>JA2WYN<br>RW2A                   | <b>2996</b><br>W4VQ  | <b>2974</b><br>OZ3PZ                                  | <b>2955</b><br>JH2UVL<br>NO8D<br>W3LL         | <b>2933</b><br>CT4NH<br>DK2LO<br>I8IGS                 |
| <b>3007</b><br>K0KX<br>SP2GJV                            | <b>2995</b><br>K4SO<br>UA4CC<br>W3DF   | <b>2973</b><br>WX4G                                   | <b>2954</b><br>JH1IFS<br>N8PR<br>SP8AJK       | <b>2932</b><br>HB9BZA<br>JA1XEC<br>RA3DX<br>W1TSP      |
| <b>3006</b><br>UT7UW                                     | <b>2994</b><br>LA5IIA  | <b>2972</b><br>K1HTV<br>N2WK                          | <b>2951</b><br>K1ZZ                           | <b>2931</b><br>JA3PIS<br>K5BG<br>N5ZM<br>UA3AB<br>W7AO |
| <b>3005</b><br>HA5WA<br>K8SIX<br>R4GM                    | <b>2992</b><br>AA4V<br>DJ4AX<br>DL7MAE<br>W1YY   | <b>2971</b><br>JA2JNA                                 | <b>2949</b><br>DJ5FI<br>K5EK<br>N7RT<br>OK1MP | <b>2930</b><br>K4MWB                                   |
| <b>3004</b><br>DJ8NK<br>EA1DR<br>IV3JVJ                  | <b>2990</b><br>G4OBK   | <b>2970</b><br>JH0INP<br>K9EL                         | <b>2948</b><br>K5EJ                           | <b>2929</b><br>K9RX                                    |
| <b>3003</b><br>9A5CY<br>OE2LCM<br>OH2BCK                 | <b>2988</b><br>CT1IUA<br>VE3XN   | <b>2969</b><br>JA6BZI<br>UA6A                         | <b>2947</b><br>AA1QD<br>FK8CP                 | <b>2928</b><br>DJ4PI<br>JA2FJP<br>RA7A<br>W0VTT        |
| <b>3002</b><br>IK2YCW<br>JA0UUA<br>UX0FF                 | <b>2987</b><br>N4MM  | <b>2968</b><br>F5NBU                                  | <b>2945</b><br>K2UO<br>RZ3AM                  | <b>2926</b><br>K0SR<br>RA3CQ<br>UA4CR                  |
| <b>3001</b><br>G3SJX<br>JA7QVI<br>JF3KON<br>N5DG<br>N5KD | <b>2985</b><br>VE2TZT  | <b>2966</b><br>N3NT                                   | <b>2944</b><br>DJ0MDR                         |  |
|  | <b>2984</b><br>JA7MSQ<br>K4QL  | <b>2965</b><br>JA0FSB<br>K3FN<br>K4SV<br>N4II<br>NI0G | <b>2943</b><br>JA2DPC<br>SP3CFM               |  |
|  | <b>2982</b><br>K5KC<br>K5XI  | <b>2964</b><br>IK4DRR<br>SP3DV                        | <b>2941</b><br>N4JF                           |  |

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| <b>2925</b><br>HA5AGS<br>IK6SNR<br>JA9CHI<br>N5AW | <b>2910</b><br>JH1TWT<br>JL1SAM<br>K4XO       | <b>2895</b><br>N4QS                                | UX1AA   | <b>2864</b><br>A45XR                            |
|   | <b>2909</b><br>F2JD<br>JA0GJJ                 | <b>2894</b><br>RJ3AA<br>W2IRT                      | <b>2876</b><br>JE2LUN<br>SM6CTQ                             | <b>2863</b><br>DJ5AV<br>WB4OSS                  |
| <b>2923</b><br>IK5MEN<br>IV3ODE<br>N9US<br>OE5NNN | <b>2908</b><br>HA1RW<br>K8FL<br>RW5C          | <b>2893</b><br>W0MHK                               | <b>2875</b><br>AC4G   | <b>2862</b><br>AA1ON<br>K3WW<br>N4HU<br>R3AW    |
| <b>2922</b><br>DK1FW                              | <b>2907</b><br>DL1EJA<br>SM6CNN               | <b>2892</b><br>N4NX                                | <b>2874</b><br>OH3JR<br>RU3FM<br>SM5CZQ                     | <b>2861</b><br>K6ND                             |
| <b>2921</b><br>EA4KD                              | <b>2906</b><br>OZ4O<br>UA3TCJ<br>WB6RSE       | <b>2890</b><br>OZ1AXG                              | <b>2873</b><br>K3UL   | <b>2860</b><br>IT9JNR<br>YO7LCB                 |
| <b>2920</b><br>EA6VQ<br>IK5ACO<br>K1ST            | <b>2905</b><br>PY5HOT<br>WI8A                 | <b>2889</b><br>AB3CV<br>JR4OZR<br>K3WC             | <b>2872</b><br>JA8EAT<br>K4HGX                              | <b>2859</b><br>HL3IUA<br>JA1EOD                 |
| <b>2919</b><br>DL1DUL<br>K1AR<br>K9NU             | <b>2904</b><br>K2UU<br>PY5EW                  | <b>2888</b><br>N8JV                                | <b>2871</b><br>JA7JWF<br>N2NL                               | <b>2858</b><br>HK3W<br>SM6DHU                   |
| <b>2918</b><br>KA9CFD                             | <b>2903</b><br>K9ZO<br>W8AV                   | <b>2887</b><br>I3BUI<br>IK6GPZ<br>JA6LCJ<br>JF1PUW | <b>2870</b><br>W1RM<br>ZS4TX                                | <b>2857</b><br>N4DB<br>OH1TV<br>R5AJ<br>UA6MF   |
| <b>2917</b><br>9A2NO<br>IZ1BII                    | <b>2901</b><br>IW1ARB<br>JF8QNF               | <b>2886</b><br>OH5VT                               | <b>2869</b><br>EA3JL<br>EA5BY<br>JA2XYO<br>JN7FAH<br>SP6HEQ | <b>2856</b><br>K9NW<br>N4PQX<br>RA4CC           |
| <b>2916</b><br>EA3GP                              | <b>2900</b><br>9A2F<br>EU7A<br>IZ1LBG<br>W6UB | <b>2884</b><br>NK1K<br>OK1CF                       | <b>2868</b><br>AB4IQ<br>N8BM                                | <b>2855</b><br>OE1ZL                            |
| <b>2915</b><br>JA0CRI<br>W5XX                     | <b>2899</b><br>IZ8FFA<br>W1CU                 | <b>2882</b><br>RZ1OA                               | <b>2867</b><br>DM5EE<br>K4CN<br>LZ2JE<br>S54E<br>WA7NB      | <b>2854</b><br>JI4POR<br>KG4W<br>LA7JO<br>RV3LO |
| <b>2914</b><br>OM3DX                              | <b>2897</b><br>OZ1CTK                         | <b>2881</b><br>N5TY                                | <b>2866</b><br>KN4F<br>RY9C                                 | <b>2852</b><br>IK0MHR<br>K4ZYU<br>W4FC          |
| <b>2913</b><br>OE8RT<br>ON4CD                     | <b>2896</b><br>9A3SM<br>KG7H                  | <b>2879</b><br>G3LZQ<br>JA5IU<br>LA5HE<br>W4DKS    | <b>2865</b><br>AD5A<br>JA1ANR<br>UA3DPM                     | <b>2851</b><br>W3NO                             |
| <b>2912</b><br>K4HB                               |   | <b>2878</b><br>IV3YYK<br>N8TR<br>RW0LT             |   |   |
| <b>2911</b><br>CT1ILT<br>K1UO                     |   | <b>2877</b><br>SM3VAC<br>UR5WA                     |   |   |

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| <b>2850</b><br>SP3CGK                              | <b>2835</b><br>K9YY<br>UA1OIZ  | NY0V   | <b>2807</b><br>DK6WA<br>W1TC                               | SM0CCM<br>UT2UB  |
| <b>2849</b><br>IK7NXM<br>RY7G<br>W9RN              | <b>2834</b><br>LA4GHA<br>R7NW<br>SM3NXS                                    | <b>2822</b><br>LA7AFA                            | <b>2806</b><br>G3SNN<br>JS2LHI<br>K1OA<br>N9AU             | <b>2790</b><br>SV1AVD                                    |
| <b>2848</b><br>N5UR<br>VE3LYC                      | <b>2832</b><br>JA1ADT<br>K5ZK  | <b>2821</b><br>JF1WPB<br>JO1WKO<br>N4AH<br>UA0ZC | <b>2805</b><br>5B4MF<br>JF4VZT<br>JH4JNG<br>JI2KXK<br>WP4U | <b>2789</b><br>IK4HLU<br>VE3DZ                           |
| <b>2847</b><br>N2TU                                | <b>2831</b><br>CT1FMX<br>JA9LJS  | <b>2818</b><br>I6FLD<br>JE2URF                   | <b>2804</b><br>DL5WW<br>VA5DX                              | <b>2788</b><br>JA8DNV<br>JA9RRH<br>N5ORT                 |
| <b>2846</b><br>IK1YED<br>KF0QR<br>R7DX             | <b>2830</b><br>4Z5CX<br>K9EU<br>UA3AP<br>VE3EXY<br>W5TCX                   | <b>2817</b><br>AI9L<br>JR3OEH<br>LA7HJA<br>S52F  | <b>2803</b><br>EA3WD<br>HB9DDO                             | <b>2787</b><br>IZ5DKJ<br>JA3RAR<br>KN5O<br>VE3BW<br>W9MU |
| <b>2845</b><br>OH2BLD<br>R9FM<br>WA4FFW            | <b>2829</b><br>DJ9HX<br>W8OI   | <b>2816</b><br>IK5DNF                            | <b>2802</b><br>EA1YO<br>IK0XBX                             | <b>2786</b><br>K6FG                                      |
| <b>2844</b><br>I1EIS<br>JO7WXN<br>K8ZTT<br>UA4LY   | <b>2828</b><br>OK2ZU   | <b>2815</b><br>9H1SP<br>E72A<br>RL9F<br>SV1DPI   | <b>2801</b><br>DK2NG<br>JE1SYN                             | <b>2785</b><br>JH1NYM<br>WB9CIF                          |
| <b>2843</b><br>W8GC                                | <b>2827</b><br>JA1SJV<br>KV7K<br>N5OK                                      | <b>2814</b><br>K5KLA<br>KC7V                     | <b>2800</b><br>JF2UPM<br>NE1B                              | <b>2784</b><br>K5AQ<br>W7KNT                             |
| <b>2842</b><br>JA2BDR<br>JA4FKX<br>JA9APS<br>PY5EG | <b>2826</b><br>AA4HP<br>W1ECT  | <b>2812</b><br>9A4T<br>9A8A<br>K7ZV<br>SP1MGM    | <b>2799</b><br>W6OAT                                       | <b>2783</b><br>N5FG                                      |
| <b>2840</b><br>EA1DFP                              | <b>2825</b><br>DL4CF<br>JH1ECG<br>JL1UXH<br>K5XX                           | <b>2811</b><br>JR3VXR<br>W7DO                    | <b>2798</b><br>SP7HOV<br>SV1JG<br>WA5VGI                   | <b>2782</b><br>IK0PEA<br>SM6BZV                          |
| <b>2839</b><br>K2VV<br>K3WA                        | <b>2824</b><br>AB6QM<br>EA1N<br>IK1WGX<br>JA4MRL<br>K0DEQ<br>RZ3DX<br>W2SM | <b>2810</b><br>DK3DG<br>N4DW<br>SV1CNS           | <b>2796</b><br>JS3CTQ                                      | <b>2781</b><br>9A2JK<br>AJ6T<br>RN3QN                    |
| <b>2838</b><br>SM4EMO<br>W1DIG                     | <b>2809</b><br>DL6KR<br>WA2VYA   | <b>2809</b><br>DL6KR<br>WA2VYA                   | <b>2794</b><br>IK4PLW<br>W2LO                              | <b>2780</b><br>K7NN<br>N7US                              |
| <b>2837</b><br>DL6ATM<br>VE1DX<br>VE3FF<br>W9OP    | <b>2823</b><br>JA2ZL   | <b>2808</b><br>I4MKN<br>IK2QPR<br>LB8DC          | <b>2793</b><br>RA3DA                                       | <b>2779</b><br>HB9HFN<br>NI6T<br>W6SR                    |
|  |  |  | <b>2792</b><br>AA5AM                                       | <b>2777</b><br>DK5AD<br>JR1XIS                           |

|   |   |   |   |   |
|---|---|---|---|---|
| W0YG  | <b>2760</b><br>JA1DUH<br>SM2OAN<br>UN5J | UY5AA   | <b>2730</b><br>IK4ADE<br>JA2VQF<br>UR5EDX                         | <b>2719</b><br>F5CQ<br>W6YI                                       |
| <b>2776</b><br>K8GG   |   | <b>2745</b><br>W2LK                                     |   | <b>2718</b><br>DF2UU<br>DJ9ON<br>HA9PP<br>KZ2I<br>OE6DK<br>SP2BMX |
| <b>2775</b><br>JA7KY<br>K1DG                                      | <b>2759</b><br>IW0HEX<br>ZS6EZ          | <b>2744</b><br>K6KLY<br>ON4GG<br>RA3DXD                 | <b>2729</b><br>DK2JX<br>G4PTJ<br>JA1SVP<br>JA2KVD<br>K5UO<br>W0UO |   |
| <b>2774</b><br>HB9DHK<br>JH3VNC<br>W5XC                           | <b>2758</b><br>JE8BKW<br>PY2SP          | <b>2742</b><br>4Z5MU<br>DL5ME<br>KB0EO<br>RU3QR<br>WE9R | <b>2728</b><br>JA9TWN<br>JJ3HGJ                                   | <b>2717</b><br>NQ1K   |
| <b>2771</b><br>JR2LJO<br>K2CL<br>PA3C<br>UA3AGW<br>UR5MID<br>W9XY | <b>2757</b><br>UA3LAR                   | <b>2741</b><br>DF6PB<br>JA1KQX                          | <b>2727</b><br>IU7QBB<br>JA3AZD                                   | <b>2716</b><br>UA9FAR   |
| <b>2770</b><br>HB9ALO<br>JF2XGF<br>N0AV                           | <b>2755</b><br>DL5AN<br>SP6CES          | <b>2740</b><br>I1FQH<br>JE1FQV                          | <b>2726</b><br>RX4HZ  | <b>2715</b><br>LA3MHA<br>NN4X                                     |
| <b>2769</b><br>EA6ET<br>F4BKV                                     | <b>2754</b><br>KC9ARR                   | <b>2739</b><br>SP3IBS                                   | <b>2725</b><br>HB0CC<br>JF0EHX<br>R3VA<br>WB4TDH                  | <b>2714</b><br>JI8DGO<br>JR7WFC<br>K0KT<br>RA3QK<br>W0DJC         |
| <b>2768</b><br>G0OIL<br>JA4PXC                                    | <b>2753</b><br>W9AJ                     | <b>2738</b><br>EA7R<br>JR7BDQ                           | <b>2724</b><br>I7CSB<br>JA3FGJ<br>PA3EWP<br>PY2YP                 | <b>2713</b><br>HB9DDZ<br>JA5WIZ<br>K1NU<br>UA0CW                  |
| <b>2766</b><br>HA7TM<br>IK0FUX<br>WA2WSX                          | <b>2752</b><br>AG4W<br>SM4DDE           | <b>2737</b><br>JA3GN<br>UT7UV                           | <b>2723</b><br>MM0EAX<br>R7AA<br>W1YM                             | <b>2712</b><br>F6HDH<br>JR6FC<br>W8HW                             |
| <b>2764</b><br>AI0O<br>JA4DLP<br>JA9FPI<br>K2RW                   | <b>2751</b><br>UA4HAU                   | <b>2736</b><br>N5XZ                                     | <b>2722</b><br>NS4C   | <b>2711</b><br>DL7BA<br>SV1BTK                                    |
| <b>2763</b><br>F5PAC  | <b>2750</b><br>JA6VQA<br>K6XT<br>N8DJX  | <b>2735</b><br>DK0PM<br>K8NVR<br>WT8C                   | <b>2721</b><br>AD1C<br>DL9GFB                                     | <b>2710</b><br>JA4OK<br>JA6WJL<br>K5MC<br>KK2I                    |
| <b>2762</b><br>9A1HBC<br>DJ9VA                                    | <b>2749</b><br>K0JGH                    | <b>2734</b><br>RD3K                                     | <b>2720</b><br>AB9V<br>F6FXU<br>K3PA<br>ON4IZ<br>US0KW<br>UX3IW   | <b>2709</b><br>HB9AUS<br>JA8RJE<br>R9TO                           |
| <b>2761</b><br>I4KDJ<br>JL1RUC                                    | <b>2748</b><br>JN1BMX<br>W6RLL          | <b>2733</b><br>CU2DX                                    |   | <b>2708</b><br>CT1BH  |
|   | <b>2747</b><br>G4IRN<br>N6ET<br>VA2WA   | <b>2732</b><br>JA6CRP<br>K1BD<br>UT8IO<br>W7OM          |   |   |
|   | <b>2746</b><br>KP2A                     |   |   |   |

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|---|---|--|--|---|
| JE2LPC<br>K3RA<br>OZ1ADL  | <b>2695</b><br>W5FKX  | DF2IS<br>K6AM  | W8TN   | SK3PY<br>UT5EL<br>W5LT                          |
| <b>2707</b><br>DM2DXA<br>G0BLB<br>R5DT  | <b>2694</b><br>N7RO<br>PY4OY  | <b>2677</b><br>W4BP                                      | <b>2663</b><br>I5ZGQ<br>JH3VWN<br>OE4PWW         | <b>2650</b><br>JH1HHC<br>W5AJ<br>W8HC           |
| <b>2706</b><br>K5RT<br>W1MK   | <b>2693</b><br>SP6M<br>W0AW   | <b>2676</b><br>UN6T                                      | <b>2662</b><br>JE2OVG<br>K7BG<br>UW5ZM           | <b>2649</b><br>AD5Q<br>IK8YTA                   |
| <b>2705</b><br>G5LP<br>JA5XAE   | <b>2692</b><br>EA7TV  | <b>2675</b><br>9A2NA<br>AA5C<br>JH7XRG                   | <b>2661</b><br>W9ILY                             | <b>2647</b><br>JA1XCZ<br>JE3GRQ<br>KS1J         |
| <b>2704</b><br>K0JUH  | <b>2691</b><br>WE7K   | <b>2674</b><br>AH7C<br>G4IY                              | <b>2660</b><br>DJ4XA<br>RM0F<br>RW4NN<br>SP3QDM  | <b>2646</b><br>JF1UVJ                           |
| <b>2703</b><br>DL1YD<br>IK0FVC<br>K8EUR<br>KA1R<br>W0FLS                      | <b>2690</b><br>OE1AZS<br>SP7ITB<br>W1SKU                                  | <b>2673</b><br>IW0SAF<br>K1GG<br>W5ADD<br>W9NGA<br>YS1RR | <b>2659</b><br>IT9DSZ<br>K8BCK<br>KZ4V<br>LA9AJA | <b>2645</b><br>JK1EXO<br>JR2UBS<br>SM5FUG       |
| <b>2702</b><br>JA2LCP<br>JF7XKY   | <b>2689</b><br>EA2IA<br>HA1RB<br>JE1LFX<br>K5GKC<br>K8AC<br>W2KKZ<br>W6VX | <b>2672</b><br>G3VKW                                     | <b>2658</b><br>ON4ON<br>UW2ZM<br>W4QN            | <b>2644</b><br>4Z4DX<br>DF3UB<br>KE9ET<br>VE6WQ |
| <b>2701</b><br>OE3EVA<br>R6AF   | <b>2688</b><br>JA0DIN   | <b>2670</b><br>DL3ZA<br>RW3RN<br>SP9ODY<br>YL2MU         | <b>2657</b><br>IK4BHO<br>N3MN<br>SV2AEL          | <b>2643</b><br>WX2S                             |
| <b>2700</b><br>DJ9ZB<br>DL6MRS<br>G4GIR<br>JA9PPC<br>N9LB<br>RA9CMO<br>WA2HZO | <b>2687</b><br>W3AP   | <b>2669</b><br>WB3AVN                                    | <b>2656</b><br>K0JY<br>LA5LJA                    | <b>2642</b><br>AA9A<br>OE5FIN<br>SP9RCL         |
| <b>2699</b><br>IZ8XQC<br>K8WK<br>RA0FF<br>UT4MF<br>YU1CC                      | <b>2685</b><br>JR1BAS   | <b>2668</b><br>JA7MOL<br>W9XX                            | <b>2655</b><br>HB9LCW<br>UA3TT                   | <b>2641</b><br>JG0CQK<br>K8TL<br>OE1WHC<br>WN6W |
| <b>2698</b><br>K9MK<br>SP9JZU   | <b>2683</b><br>PY7DJ  | <b>2667</b><br>KB8VAO                                    | <b>2654</b><br>K9US<br>SP6DNZ<br>W8DCH           | <b>2640</b><br>DL6ZXG<br>IV3RAV                 |
| <b>2697</b><br>KJ3L   | <b>2682</b><br>KA9FOX<br>N9FN   | <b>2666</b><br>CT1BOL<br>N7KA                            | <b>2653</b><br>JA3APL<br>S52DD                   | <b>2639</b><br>K9IR                             |
|   | <b>2679</b><br>EW2A<br>K7PI   | <b>2665</b><br>N2BJ<br>WA8WV                             | <b>2652</b><br>AF9H<br>LA8PT                     | <b>2638</b><br>CX6VM<br>JA2CXF<br>RW3XZ         |

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|--|---|--|---|--|
| SV3DCX   | IZ8VYU<br>WA1JMP  | KG9N<br>SP5IWA   | JA1GHH<br>K7BV<br>YB5QZ   | N7IR   |
| <b>2637</b><br>JH8RZJ<br>UA0FZ   | <b>2625</b><br>G3SVD<br>K2EP                                      | <b>2614</b><br>DL1DA<br>JA1WSX                         | <b>2603</b><br>K4XI   | <b>2592</b><br>JK1OPL<br>K5LJ                                      |
| <b>2636</b><br>EA5GPQ<br>F5HNQ<br>K1LPS<br>K3JGJ<br>K8VJV<br>N8KOL<br>SM6CUK | <b>2624</b><br>DF9ZW<br>G4OWT<br>HB9SLO<br>JH1QAX<br>W2PK<br>W7CT | <b>2613</b><br>EI6FR<br>KK9DX<br>N1NK                  | <b>2602</b><br>DL2KQ<br>JA7JI<br>W8TWA  | <b>2591</b><br>DK9KX<br>DL4SZB<br>WA0MHJ                           |
| <b>2635</b><br>SM0NJO  | <b>2623</b><br>GM3PPE<br>N1IBM<br>N9RS                            | <b>2612</b><br>DL1DUO<br>K4TT<br>N5GH<br>RL3FA         | <b>2601</b><br>HA0UZ<br>JA0IXW<br>JG3IWL<br>JH7RXU<br>K7WP<br>PA1CW<br>WB8BPU | <b>2590</b><br>EA8JF<br>RW7M                                       |
| <b>2634</b><br>I5HOR<br>S57AC  | <b>2622</b><br>K0KVR<br>RA3ZH<br>RZ4FO<br>W4FQT                   | <b>2611</b><br>K2LS<br>OH9MDV<br>SP3CJS<br>W2JU        | <b>2600</b><br>JH4ALY<br>W4OX<br>W7WM<br>WX0V                                 | <b>2589</b><br>EA8AKN<br>JQ6RUP<br>JR1GJP<br>K1LD<br>NX0I<br>RW0CF |
| <b>2633</b><br>K6GXO<br>NS6C<br>NU8Z<br>W6XK                                 | <b>2621</b><br>EC3A<br>KD6WW<br>W4WM                              | <b>2610</b><br>K6YUI<br>LA3WAA<br>N1SV<br>NF9V<br>NX7U | <b>2599</b><br>JA1IZZ   | <b>2588</b><br>N2TN  |
| <b>2632</b><br>RA1QD   | <b>2620</b><br>AA5AU<br>AJ3K                                      | <b>2609</b><br>JM1FHL<br>K1KD<br>K4WA<br>WD8JJA        | <b>2598</b><br>G4WFQ<br>JA7MFL<br>JM1XCW<br>K5WK<br>N1RR                      | <b>2587</b><br>DK8MCT<br>JA7MA<br>WC5N<br>ZS1LS                    |
| <b>2631</b><br>9A1CAL<br>JA7IC<br>K9XD<br>NV9L<br>RX3AGD                     | <b>2619</b><br>JA2ATE<br>JH6QFJ<br>N6ED<br>ND0N                   | <b>2608</b><br>E73Y<br>JA2EPW<br>VK3QI                 | <b>2597</b><br>JA2TBS<br>JI1DHY<br>NM6V                                       | <b>2586</b><br>CU2AP   |
| <b>2630</b><br>K8GI  | <b>2618</b><br>W2QO<br>W4TV                                       | <b>2607</b><br>JK1KSB<br>KE8UN<br>KU0A                 | <b>2596</b><br>K8IU<br>WA3C   | <b>2585</b><br>OM4EX<br>RK4FD                                      |
| <b>2629</b><br>JA2AHH<br>OH6RX   | <b>2617</b><br>N5LZ<br>S52OT                                      | <b>2606</b><br>PE1L                                    | <b>2595</b><br>JA3APU<br>W2YJ<br>W3GQ   | <b>2584</b><br>JA3ENN  |
| <b>2628</b><br>IT9ELD<br>JN1GTG<br>K2SHZ<br>KF8UN<br>PY2XU                   | <b>2616</b><br>EA3BS<br>G3ZQH<br>K4WS<br>K9MM                     | <b>2605</b><br>9A4W<br>JA4ITW<br>N4TL                  | <b>2594</b><br>IT9PKO   | <b>2583</b><br>G0BNR<br>K1USA<br>WB5JID                            |
| <b>2627</b><br>G3WPH   | <b>2615</b><br>DL5CW  | <b>2604</b><br>HB9TKS                                  | <b>2593</b><br>K1RO<br>K4XD   | <b>2582</b><br>G3NDC<br>IV3IZU<br>IZ0RVI<br>JG4AKL<br>W7BEM        |
| <b>2626</b><br>IZ3ENH  |   |  |   | <b>2581</b><br>JA7LGE<br>JE2EHP                                    |



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|--|---|--|---|--|
| K8YTO<br>W9YSX   | <b>2569</b><br>K0BBC<br>NN4SS<br>RU6L                                   | JA9AGN   | SP1JRF  | WA6YEE   |
| <b>2580</b><br>DK2GZ<br>JA1GRM<br>JA1VSL                             | <b>2568</b><br>RD3AW  | <b>2558</b><br>DL9MRF<br>SM6BGG<br>WB9EEE                        | <b>2547</b><br>IK0HFO<br>K7XB<br>YV5JBI                   | <b>2534</b><br>DL2CHN<br>N8PW<br>R8TX                      |
| <b>2579</b><br>I8JIT<br>K6SIK<br>KG8P<br>KM1D                        | <b>2567</b><br>N4RWG<br>N8OC<br>PY5CC<br>SV2BFN                         | <b>2557</b><br>DK3WW<br>JA8EJO<br>S55DX                          | <b>2546</b><br>IK5PWQ<br>JA4LXY<br>SP6TRX<br>W7MO<br>WO2T | <b>2533</b><br>JA4DEN<br>JN1RQV                            |
| <b>2578</b><br>SP9UPH<br>W6NWS                                       | <b>2566</b><br>DL3OH<br>JA1IOA<br>JA2VMU<br>NC9T<br>OE3SGU<br>YO2RR     | <b>2556</b><br>DL1KUR<br>PA5TT<br>W0VX                           | <b>2545</b><br>DF9KF<br>EA3BT<br>UY5BC<br>W9BF            | <b>2532</b><br>W3JX  |
| <b>2577</b><br>IK5BAF<br>IZ8DFO<br>N7XR<br>VE3MWX<br>W1KSZ<br>WB8ZRL | <b>2565</b><br>DL5EBE<br>F3SG<br>N4QQ                                   | <b>2555</b><br>CT3HF<br>IK5RUN<br>JA1WPX<br>OZ1HX                | <b>2544</b><br>HB9CEX<br>IZ5EKV                           | <b>2531</b><br>UA6YW                                       |
| <b>2576</b><br>JF6WTY<br>SV5DKL                                      | <b>2564</b><br>I1JQJ<br>JA7BWT<br>JI1LET<br>VE3CFK<br>W5BPT             | <b>2554</b><br>AA5AT<br>IT9DAA<br>JA3RQ<br>K0BJ<br>W3BW<br>XE1KK | <b>2543</b><br>K6FW<br>K7ZA                               | <b>2530</b><br>AA4SC<br>IZ5JMZ                             |
| <b>2575</b><br>CT1GFK<br>JA2FGL<br>N3KK<br>RU6B                      | <b>2563</b><br>EI9JF<br>UA6EX   | <b>2553</b><br>RW4C<br>W1YW                                      | <b>2542</b><br>JA9CHJ<br>JE3ENP<br>W7LR<br>WP4G           | <b>2529</b><br>DF2GH<br>HK4SAN<br>K8QM<br>RA3WDK<br>UA1OMS |
| <b>2573</b><br>JA9NLE<br>SP8FNA                                      | <b>2562</b><br>DL5XJ<br>PY2NQ   | <b>2552</b><br>OE8HIK  | <b>2541</b><br>JF1KKV<br>W3DRY                            | <b>2528</b><br>AD6W<br>JM1CYJ<br>LA5YJ                     |
| <b>2572</b><br>K5VIP<br>KD0Q<br>SK0TM                                | <b>2561</b><br>AA4R<br>G3KWK<br>JA1NWD<br>NA5C<br>NN4R<br>W1YIF<br>W9OL | <b>2551</b><br>KM4H<br>SP3SLA                                    | <b>2540</b><br>EI9FBB<br>KE4YD<br>W6QUV                   | <b>2527</b><br>IZ4GWE<br>JA6BJV<br>K9JF<br>W9FR<br>WS9V    |
| <b>2571</b><br>DL6CNG<br>N8LJ  | <b>2560</b><br>K3JT<br>KQ8M   | <b>2550</b><br>HL2WA<br>K1DT<br>W3OA<br>WB0TEV                   | <b>2538</b><br>JA9FAI<br>SV1LK                            | <b>2526</b><br>IK2OHG<br>JA1LSP                            |
| <b>2570</b><br>CT3MD<br>JA1CLW<br>OK2QA<br>RA1QY<br>W6PJ             | <b>2559</b><br>JA1WSK   | <b>2549</b><br>DL5CF<br>SK7AX                                    | <b>2537</b><br>UW8SM                                      | <b>2525</b><br>I8SAT<br>JH1AGU<br>K2PK                     |
|  |   | <b>2548</b><br>9K2OD<br>IW2FND<br>K4JJW<br>OH2ZZ                 | <b>2536</b><br>K0RS<br>K6EID<br>UN7LZ                     | <b>2524</b><br>HB9CZR<br>JA1RTX<br>JH1EEB<br>K0TT          |
|  |   |  | <b>2535</b><br>LA2PA                                      | <b>2523</b><br>G8DX  |

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|--|---|--|--|--|
| JH4HMG<br>UN7TW<br>W6ENZ<br>WA2BCK                       | JE1PNX<br>KB1EFS<br>WT8V  | W1VT   | <b>2499</b><br>W1LW                                    | <b>2482</b><br>XE2CQ                                 |
| <b>2522</b><br>K1HT                                      | <b>2512</b><br>IK8EPC<br>JA0DET<br>RV9CX<br>UA0CA<br>UT7UU                  | <b>2504</b><br>E72U<br>EU1KY<br>IK7XLU<br>K9MBQ<br>LU2NI   | <b>2498</b><br>K4JAF                                   | <b>2481</b><br>IZ5RVG<br>JA2AH<br>JR6LLN             |
| <b>2521</b><br>KM4HI                                     |   | <b>2503</b><br>CT1EAV<br>DJ3AA<br>EA5CRC<br>K3NK<br>RN8W<br>SP6EQZ<br>SP8HKT<br>W1ZT   | <b>2497</b><br>JA7LMZ<br>RZ3FW<br>S51U                 | <b>2480</b><br>JR9OPJ                                |
| <b>2520</b><br>IT9XTP<br>JA5BEN<br>RA4CA                 | <b>2511</b><br>EV1R<br>KR4F<br>W6TC   |  | <b>2496</b><br>JM2RUV<br>N6VR                          | <b>2479</b><br>K2KA<br>K4MK<br>W4CK<br>W4RFZ<br>W6RW |
| <b>2519</b><br>N4GN<br>PY2KP<br>R9AB<br>RG5A<br>RZ6BS    | <b>2510</b><br>DK5AI<br>LY1G<br>N4PY<br>W8KEN                               | <b>2502</b><br>G4IUF<br>JH1OAI<br>KT8X<br>RV1CC<br>UN7JX<br>W5ZG   | <b>2494</b><br>K2FU                                    |  |
| <b>2518</b><br>HL3GOB<br>JA9CWJ<br>JG3LGD<br>VK3HJ       | <b>2509</b><br>I2EOW<br>JH0INE<br>JR1BLX<br>KI0KB<br>NQ7R<br>US3LR<br>W4VIC |  | <b>2493</b><br>K8ROX<br>NW7E<br>W1BR<br>WS6X           | <b>2477</b><br>JJ1SKG<br>SV1VS                       |
| <b>2517</b><br>RN3OG<br>W1OX<br>W7AL                     | <b>2508</b><br>K7GEX<br>OE8SPW<br>W8RLS                                     | <b>2501</b><br>EA3CJ<br>G0EHO<br>IV3GOW<br>IZ3GOG<br>JA1TMG<br>K8OM<br>W5VY<br>W6JRY<br>WA9PIE   | <b>2492</b><br>JA1FGB<br>JA6TMU                        | <b>2476</b><br>9A4WY<br>DS5USH                       |
| <b>2516</b><br>CT1CJJ<br>K4EM<br>K5WAF<br>WO7R<br>YV5NWG | <b>2507</b><br>RU6M<br>SM6NOC<br>W6BJH                                      |  | <b>2491</b><br>WA3AFS                                  | <b>2475</b><br>OZ2PBS<br>RA3S<br>ZL3JT               |
| <b>2515</b><br>K2NV<br>VA3LX<br>W0LS<br>WB8ZRV<br>WO2N   | <b>2506</b><br>DL1SMA<br>K8FH<br>N6RW<br>RA1AOB<br>UA9FGR<br>W5ODD<br>WD5K  | <b>2500</b><br>4Z1UF<br>5B4AHJ<br>EA5BRE<br>IZ7FLP<br>IZ8FWN<br>IZ8IEV<br>JE2DZC<br>JJ1DWT<br>K1ZN<br>K2UR<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR | <b>2489</b><br>G3OAG<br>K6RO<br>W3RJW                  | <b>2474</b><br>JA2XCR<br>JA4EPE                      |
| <b>2514</b><br>AE5E<br>G3TTJ<br>R9OK<br>R9SA<br>SV3FUP   | <b>2505</b><br>DF2TT<br>JH7IAJ<br>JR4DSM<br>K2TE<br>K7EG<br>LA2QM           |  | <b>2488</b><br>AA6AA                                   | <b>2473</b><br>DF3IS<br>EA1AF                        |
| <b>2513</b><br>9A2X                                      |   |  | <b>2486</b><br>W1AIM<br>W2GG                           | <b>2472</b><br>K9SM<br>SP7TF                         |
|  |   |  | <b>2485</b><br>JR1DUP                                  | <b>2471</b><br>JA1HRQ                                |
|  |   |  | <b>2484</b><br>EI2GLB                                  | <b>2470</b><br>I0JBL<br>IK0AGU                       |
|  |   |  | <b>2483</b><br>JA1ELY<br>K3XA<br>K8BL<br>LU3CQ<br>N1LN | <b>2469</b><br>G4BUE<br>N6RV                         |
|  |   |  |  | <b>2468</b><br>N6DX<br>OZ8SW                         |

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|---|--|---|--|--|
| <b>2467</b><br>UA0SR<br>W0GJ                                | <b>2454</b><br>K7SP<br>LA9VDA<br>N2JJ<br>SM5GMZ<br>VK3GA<br>W2OO | S52RZ<br>SM5CLE<br>W5PF                           | W9DC   | <b>2412</b><br>9K2HN<br>A65BR<br>PC3T                              |
| <b>2466</b><br>CT3FT<br>KD3CQ<br>SV9COL                     | <b>2453</b><br>JA8KSF<br>K4MS<br>SV1GYG                          | <b>2439</b><br>F3AT<br>IK5CBE<br>JR2PMT           | <b>2425</b><br>DJ9RR<br>JA2FBC<br>JE6TSP<br>K5VWW<br>ZS6WB | <b>2411</b><br>JA2NDQ<br>SM4AZQ                                    |
| <b>2465</b><br>OH1XT  | <b>2452</b><br>F5LVL<br>JA1FQI<br>KD0PO<br>RC9F                  | <b>2438</b><br>DL9TJ                              | <b>2424</b><br>WQ3X  | <b>2410</b><br>I0YQV<br>IK4MSV<br>JA5SUD<br>KJ0M                   |
| <b>2464</b><br>IZ2AMW<br>JA1IXY<br>JA1VLK<br>PY2VA<br>W6SZN | <b>2451</b><br>UA0BA   | <b>2437</b><br>DS1JFY<br>W9OA<br>WB2REM           | <b>2423</b><br>DL2VPO<br>OH8LXT<br>W1EBI                   | <b>2409</b><br>HA5AO   |
| <b>2463</b><br>JA9NFO<br>K6KO                               | <b>2450</b><br>IK0LNN<br>JF1IRW<br>OH2FT                         | <b>2436</b><br>SP6A                               | <b>2422</b><br>WL7E  | <b>2408</b><br>JA1JAT<br>KB1JZU                                    |
| <b>2462</b><br>JF2WGN                                       | <b>2449</b><br>W7YAAQ  | <b>2435</b><br>JH4GJR<br>N3CZ                     | <b>2421</b><br>AA8OY                                       | <b>2407</b><br>CT1DKS<br>OH6JD<br>ZL1BYZ                           |
| <b>2460</b><br>JA5FBZ<br>JA8BNP<br>JH1QDB<br>W8LGJ          | <b>2448</b><br>JA1GHR<br>K3VAT                                   | <b>2434</b><br>JE8TGI<br>SM5CZK<br>WA9CVK         | <b>2420</b><br>DJ5JH<br>GM3YOR<br>VE6LB                    | <b>2406</b><br>HB9CQK<br>K1LT<br>N6HC<br>W2AY                      |
| <b>2459</b><br>K2AZ   | <b>2447</b><br>WA6F  | <b>2433</b><br>DL6JZ<br>IK4AUY<br>LB2TB<br>N3RC   | <b>2419</b><br>IK2EGL<br>JA1FNO                            | <b>2405</b><br>IV3KFB<br>K6PJ<br>OE2BZL                            |
| <b>2458</b><br>EA1CP<br>JA1ADN<br>JF3LOP<br>JH1BZJ<br>N0KV  | <b>2445</b><br>W2XI  | <b>2432</b><br>KA2D<br>KI5BLU<br>ON4CAS           | <b>2418</b><br>N9ISN<br>SV1IW                              | <b>2404</b><br>IK2VUC<br>JA4FHE<br>K5KV<br>PY2DS<br>SV9AHZ<br>WA0I |
| <b>2457</b><br>N5KM   | <b>2444</b><br>JK1GOK  | <b>2431</b><br>BA4RF                              | <b>2417</b><br>JA6BEE                                      | <b>2403</b><br>JA1QOA<br>JG3SKK<br>R0FA                            |
| <b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                       | <b>2443</b><br>G4DJX   | <b>2430</b><br>AF4HX<br>KT1J                      | <b>2416</b><br>CT1FPQ<br>IV3HYD<br>N7BT<br>SV1ACK          | <b>2402</b><br>N9JV  |
| <b>2455</b><br>JA7AUM<br>K9NR<br>N5MOA<br>WD9DZV            | <b>2442</b><br>DL4CW<br>ON6AA                                    | <b>2427</b><br>IV3VBM<br>JH1SJM<br>JH3GCN<br>LX2A | <b>2415</b><br>WQ5W  | <b>2401</b><br>HA7UW<br>N2NS                                       |
|   | <b>2441</b><br>K5FUV<br>W5IF<br>W8MJ                             | <b>2426</b><br>EA3GHZ<br>N4GG<br>S57AT            | <b>2414</b><br>I4ENO<br>JI1NJC<br>KG6I                     |  |
|   | <b>2440</b><br>EA5AT   |   | <b>2413</b><br>CT1FCX<br>DK1WB<br>KA8ZPE                   |  |

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| <b>2400</b><br>IZ2FOS<br>JA1ALT<br>LA0FA<br>LA7GIA<br>NA5DX | JF1RYU<br>K4YMQ                                    | <b>2373</b><br>JE1DXC<br>K7ZD<br>W2LE                           | <b>2360</b><br>N6MZ<br>W8MET                              | N9CK  |
| <b>2399</b><br>N5UL   | <b>2385</b><br>DL8LE<br>W2NO                       | <b>2372</b><br>K1NTR<br>OH1NX                                   | <b>2359</b><br>K9YC<br>W4DC                               | <b>2347</b><br>IW0HQE<br>IZ3ETU<br>PY2IQ                                    |
| <b>2398</b><br>AA3B<br>DJ4GJ<br>DL2FAG<br>K2SX              | <b>2384</b><br>IT9CVO<br>K8YSE<br>KQ3F<br>W8UV     | <b>2371</b><br>HB9BAT<br>K5PS<br>K8UT                           | <b>2358</b><br>W0AWL<br>WF4U                              | <b>2346</b><br>G3NKC<br>JA9AA<br>K1ESE<br>KS0DX                             |
| <b>2397</b><br>IZ5BAM<br>JA1DOF<br>OK1DWC                   | <b>2383</b><br>LA9VFA<br>LU8EKC<br>RK3QY           | <b>2370</b><br>DL2UH<br>IK6QOP<br>LA8HGA<br>W6TMD               | <b>2357</b><br>KF7PG<br>UN9L                              | <b>2345</b><br>K7LJ<br>SM4CTI<br>WA2NPD                                     |
| <b>2396</b><br>HB9ICC<br>OE6VIE<br>PA3CSR                   | <b>2382</b><br>EA1EAU<br>IK2OVC<br>PA7RA<br>W2GW   | <b>2368</b><br>JP1IOF   | <b>2356</b><br>K1KO<br>K9ZM<br>N1GC<br>US0YA              | <b>2344</b><br>EA1AUS<br>JA7PL<br>RZ3DJ                                     |
| <b>2395</b><br>KJ6P<br>W9XT                                 | <b>2381</b><br>IK5MDF<br>JL2JVX<br>K8RRT<br>KJ9C   | <b>2367</b><br>F5PBM<br>HS1NGR<br>RA3DNC                        | <b>2355</b><br>9K2NO<br>JA8FHM<br>N6UK<br>OH1ZK           | <b>2343</b><br>DF5AU<br>W0TT  |
| <b>2393</b><br>JR4LNG                                       | <b>2380</b><br>EA1RT<br>JA4BXL<br>JA9GPG<br>ON4ATW | <b>2366</b><br>4Z5AV<br>BA4DW<br>HB9IQB<br>I5OYY                | <b>2354</b><br>K0XB<br>N6TA                               | <b>2342</b><br>DL8ZAW<br>IK8JVG<br>ON5UE                                    |
| <b>2392</b><br>N2WB<br>PA7TWO<br>W4HG                       | <b>2378</b><br>F5IL<br>JA8JTH                      | <b>2365</b><br>EA3NP<br>PY2MC                                   | <b>2353</b><br>JR7FRW<br>N6QQ                             | <b>2341</b><br>SM2GCQ   |
| <b>2391</b><br>N6PF   | <b>2377</b><br>HL4CJG<br>IZ4MJP<br>ZS2DL           | <b>2364</b><br>AA8LL<br>K9FN                                    | <b>2352</b><br>N1EN                                       | <b>2340</b><br>DK7YY<br>K8YC<br>XE2X  |
| <b>2390</b><br>HB9CXZ<br>JA1TAA<br>K9RS<br>KS3F             | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>NE3F            | <b>2363</b><br>K4ZO<br>N8BJQ<br>RA5BM<br>VE3VHB<br>W1EQ<br>W7ZJ | <b>2351</b><br>OE5RLM<br>W1OPD                            | <b>2339</b><br>JI4WAO<br>SM3DMP   |
| <b>2389</b><br>SV1QN<br>SV2DGH                              | <b>2375</b><br>JA0A00                              | <b>2362</b><br>IZ8DBJ<br>JA7QFU<br>W2OIB<br>WA1S                | <b>2350</b><br>DL3OI<br>IK2SGB<br>N7DC<br>VU2NKS<br>W9EWZ | <b>2338</b><br>FG5FR<br>JH1CHU<br>K8AJS<br>OK1FED<br>SP3PLD<br>W7FN<br>WW3S |
| <b>2387</b><br>HP2AT  | <b>2374</b><br>KA7T<br>RN3RQ                       |   | <b>2349</b><br>GM0AXY                                     | <b>2337</b><br>JA2BQX<br>JH1LPF<br>VE3CRG                                   |
| <b>2386</b><br>JA1BPA<br>JE8CLT                             |  |   | <b>2348</b><br>DJ5JK<br>DL8SCG<br>K7UA                    |   |

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| <b>2336</b><br>EW4M<br>JA2HYD<br>JE1AEX<br>K0VXU<br>KQ4AV<br>W5GAI | JH8SLS  | <b>2313</b><br>JA7BVH   | N0RB<br>OH2OT<br>W6RS<br>W8JRK  | <b>2288</b><br>HB9BUN<br>PY2RO                   |
| <b>2335</b><br>DF7EE<br>JR8AMF                                     | <b>2324</b><br>AA7G<br>IK1SOW<br>JA2FSM<br>JL1XMN<br>N3UA<br>PZ5RA<br>VE6AX | <b>2311</b><br>HK1MW<br>K8ME<br>PP1CZ<br>SM5CRV<br>WC5M           | <b>2300</b><br>CT1BWU<br>DL9FCY<br>JA8NFV<br>LU4FPZ<br>W7HPW<br>W8WEJ | <b>2287</b><br>K0VSH<br>PA0ZH                    |
| <b>2334</b><br>HB9BYQ<br>W0RX<br>W2YE                              | <b>2323</b><br>JH4BTI<br>JR9LKE<br>K0CS                                     | <b>2310</b><br>JA5BGA<br>OE2GEN                                   | <b>2299</b><br>I5CRL<br>JA6CBG  | <b>2284</b><br>JA1PTJ<br>N6PSE<br>OE2KHM         |
| <b>2333</b><br>DL1TRK<br>G3VPW<br>HA0HW<br>N4HB<br>W0HBH           | <b>2322</b><br>JG8FWH   | <b>2309</b><br>HB9BXE<br>N5KO                                     | <b>2298</b><br>LB6KC<br>NA5Q<br>W9OO                                  | <b>2283</b><br>AA8R<br>JA4FM                     |
| <b>2332</b><br>HA5VZ<br>K6EME<br>K6UM<br>OZ1LCG<br>W7MEM           | <b>2321</b><br>JA4ZA<br>WB7B  | <b>2308</b><br>IZ4DPV<br>JA7ZP<br>K4CMS<br>N4TJ<br>ZL2IFB         | <b>2297</b><br>AC0A<br>W3YY   | <b>2282</b><br>AB0X<br>IZ8GGF<br>K5KPE           |
| <b>2330</b><br>9A1AD<br>IK2RPE<br>K1KA<br>N8SNM                    | <b>2320</b><br>CT1APN<br>HB9AZZ<br>HB9DHG<br>I8QJU<br>W9BEA                 | <b>2307</b><br>DL6UAA<br>JA3EOP<br>K8DV<br>SP3FAR                 | <b>2295</b><br>EW1BA<br>K7HP  | <b>2281</b><br>I1NVU                             |
| <b>2329</b><br>DJ8ES   | <b>2319</b><br>9K2GS<br>JA7EPO<br>N4LR<br>UA3ECJ<br>W5FI<br>YO2CMI          | <b>2305</b><br>K8CW<br>W7AH                                       | <b>2294</b><br>N6HY<br>RU3ZX  | <b>2279</b><br>W5SL                              |
| <b>2328</b><br>K1LI  | <b>2318</b><br>JE2RDO<br>JH3AIU<br>S55SL                                    | <b>2304</b><br>OH2IS<br>OK5TK<br>WB8K                             | <b>2293</b><br>I2YDX<br>K7MTR<br>W4MAY                                | <b>2278</b><br>K4WNW<br>K6YRA<br>N9RC            |
| <b>2327</b><br>AB5A<br>N2LM<br>N7TY<br>S52TJ<br>SM5ARL<br>W0GG     | <b>2317</b><br>K2XF<br>WF2S   | <b>2303</b><br>JH4ADK<br>SM3LGO                                   | <b>2292</b><br>K3TN<br>RZ3DW  | <b>2277</b><br>DL1WM<br>HB9BOI                   |
| <b>2326</b><br>K4PB  | <b>2316</b><br>HB9FMN<br>K0GY<br>VE3EK<br>W5GZ                              | <b>2302</b><br>ER3DX<br>I2VGW<br>JG4BLW<br>K3FRK<br>K4TEA<br>W2WG | <b>2291</b><br>JH1RGG<br>K2TWI<br>SP3XR                               | <b>2276</b><br>HL3DE<br>KA8SYV<br>RU1AB<br>RU3SD |
| <b>2325</b><br>BH4QYX<br>JE2HCJ                                    | <b>2314</b><br>AI2N<br>K0GD<br>K1ZZI  | <b>2301</b><br>JA2CEJ<br>JH0MXV<br>JP1NWZ<br>K4XR                 | <b>2290</b><br>7K1PTT<br>AA8CH<br>JA7CVL<br>W7CA                      | <b>2275</b><br>IZ4AIK<br>JA9GLW                  |
|  |   |   | <b>2289</b><br>AB5EB<br>N9AW  | <b>2273</b><br>K0AZ<br>K8BN<br>N7NG              |
|  |   |   |   | <b>2272</b><br>DL1HRN<br>KE1F<br>N4XP            |

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| <b>2271</b><br>K9RR<br>W0SZ<br>W8LRO<br>WA3F  | <b>2262</b><br>OK1DH<br>WA4JQS                            | W5ZO<br>WB8CQV   | <b>2239</b><br>JA0DWY<br>W4ABW   | <b>2227</b><br>JA2KNW<br>JG5RVQ                         |
| <b>2270</b><br>EA3XP<br>IZ8FDH<br>KG2KJ<br>UA4AZ<br>W5WT                              | <b>2261</b><br>F9XL<br>IZ8EEL<br>JK1TCV<br>W4UCK          | <b>2250</b><br>DL1SP<br>EA8BYR<br>IZ2DLV<br>JH1XUM<br>JR3UIC | <b>2238</b><br>JA1CMD<br>N4JQQ<br>WD0DAN                                   | <b>2226</b><br>JA4HAW<br>K7BTW<br>NA9RB<br>W3IP<br>W9FI |
| <b>2269</b><br>IW1QN<br>JH0GHZ<br>OH1JP<br>W9JA                                       | <b>2260</b><br>G3UHU<br>IZ8EDJ<br>N9UA<br>SM7IUN<br>W5PJR | <b>2249</b><br>AB5C<br>JH1VUO<br>KE9L<br>N2VW<br>WP4EJH      | <b>2237</b><br>JO4CFV<br>NK0S  | <b>2225</b><br>IW1FGY<br>R3ST<br>SP6JIU<br>W8IQ         |
| <b>2268</b><br>4L1MA<br>HL2IFR<br>JA1BOQ<br>K3SEW<br>K9OW                             | <b>2259</b><br>N0RN<br>UA6FJ<br>UT3UZ                     | <b>2248</b><br>K0TPP   | <b>2236</b><br>AB0CT<br>HB9RYZ<br>JH1IED<br>K2FW                           | <b>2224</b><br>AB1OC<br>K1IT<br>K6SRZ<br>KD6UO<br>N2DPF |
| <b>2267</b><br>9A5N<br>IZ1GLT<br>YO9FNP   | <b>2258</b><br>CT3KN<br>DF2NS<br>K6DT                     | <b>2247</b><br>HL2CFY<br>K4HMB                               | <b>2235</b><br>I0OSI<br>IK6BSN<br>JH1IAQ<br>K5JZ<br>WA0RVK                 | <b>2223</b><br>SM3PZG                                   |
| <b>2266</b><br>OH6NIO   | <b>2257</b><br>IK2SND<br>JH4FEB<br>K8NKQ                  | <b>2246</b><br>JH1BAM<br>K1UU<br>PY7RP<br>W8UN               | <b>2233</b><br>SM7NDX  | <b>2222</b><br>AA1AC<br>IW0HOU<br>UN3GX                 |
| <b>2265</b><br>4X6ZK<br>IK0DWN<br>K1CA<br>WS5W  | <b>2256</b><br>KA4RRU                                     | <b>2245</b><br>EA1JO   | <b>2232</b><br>9M6YBG<br>KG9Z<br>W1YRC                                     | <b>2221</b><br>JA2DXD<br>K9OT                           |
| <b>2264</b><br>IK8GYS<br>JH1BNC<br>N4MHQ<br>UR3EO<br>UR5FEO<br>VE3YF<br>W1OW<br>W5ZPA | <b>2255</b><br>EA7SG<br>JF2WXS<br>K9GA<br>OE5BWN          | <b>2244</b><br>BA7IO<br>OH4UI                                | <b>2231</b><br>DL4DZL<br>R9SG  | <b>2220</b><br>EA9IE<br>JA9IFF                          |
| <b>2263</b><br>JK1BSM<br>KA1ERL<br>ZL4TT<br>ZS1A                                      | <b>2254</b><br>JA2IYJ<br>W9PZT<br>YB1UUN<br>YL2KF         | <b>2243</b><br>K0LUZ<br>K8NK                                 | <b>2230</b><br>JH3FUK<br>K7GM<br>K9MIE<br>KJ6NZ<br>PA0JSE<br>W8CZN<br>WT4Q | <b>2219</b><br>DJ5EJ<br>JA8UIV<br>K4VIG<br>KH2L<br>NW4V |
|   | <b>2253</b><br>JH1DGQ                                     | <b>2242</b><br>FG8OJ<br>JA3KGF<br>NY2NY                      | <b>2229</b><br>K2TK<br>N4JT<br>SM3CBR<br>W5DNT                             | <b>2218</b><br>EU1U<br>JH4CBM<br>W6DR                   |
|   | <b>2252</b><br>K5DHY<br>RN9N<br>WS7L                      | <b>2241</b><br>N4EFS<br>NA2M<br>OH1TX<br>UA1ACG              | <b>2228</b><br>JA0E1Y<br>JE1GWO  | <b>2217</b><br>S51NM<br>W0HT<br>W3MR<br>WX1S            |
|   | <b>2251</b><br>N4TV                                       | <b>2240</b><br>9A2TN<br>JH2IEE<br>K4MM                       |  |   |

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|--|---|--|---|--|
| <b>2215</b><br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH                | <b>2205</b><br>JA0UH<br>JA8FFM<br>LA6UL<br>VE7BV                          | <b>2194</b><br>K2EQ<br>K5PI<br>N2WKS<br>NE9U<br>WB3JFS<br>Z31RQ                        | W4BUW   | <b>2172</b><br>HC1BI<br>KK0M   |
| <b>2214</b><br>HK3X<br>JA1DM<br>K4FJ<br>RN1ON<br>SM5SWA            | <b>2204</b><br>K6ZZ<br>N4HID  | <b>2193</b><br>K2RD  | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC                            | <b>2171</b><br>UT3UY   |
| <b>2213</b><br>JA8EOT<br>K1YR<br>W3RW                              | <b>2203</b><br>G0VXE<br>JA0GCI<br>ZL4AS                                   | <b>2192</b><br>N3BNA   | <b>2182</b><br>IK1PMR<br>JA0CGJ<br>JH1SOD                           | <b>2170</b><br>JH1VHU<br>SV3AQR                                      |
| <b>2212</b><br>N4RF<br>VU2CPL                                      | <b>2202</b><br>JA8JO<br>UA0FO<br>VU2PTT                                   | <b>2191</b><br>EA6EE<br>EA8TH<br>IK2DZN<br>XE1MEX                                      | <b>2181</b><br>IV3TMM<br>W6SL                                       | <b>2169</b><br>JA3MF<br>SP1DSZ                                       |
| <b>2211</b><br>UX5UO<br>VO1HP<br>W8IW                              | <b>2201</b><br>G3TQZ<br>HI3T<br>IU0HDC<br>JA6OXT<br>RM3DA<br>RU0SN        | <b>2190</b><br>JG1OGM<br>JH1OBS<br>K1EFI<br>N4SC                                       | <b>2180</b><br>IV3TDM<br>JA8BAR<br>OH1NDA<br>PY1KN<br>RW3QM<br>W5RQ | <b>2168</b><br>F5UJK<br>UT4EK  |
| <b>2210</b><br>JA8DKJ<br>NF1O<br>SV1FJP<br>VE1JBC<br>W5JAY<br>W8OP | <b>2200</b><br>CT1AGS<br>JH1APK<br>N5BO<br>W9YE<br>WE9V                   | <b>2189</b><br>AI6Z<br>IK1ADH<br>N4AL<br>N8NN  | <b>2179</b><br>IV3YIB<br>JF1LMB                                     | <b>2167</b><br>DL1NKS<br>IK6HRB<br>JA2KVB<br>N6PE<br>S57XX<br>WA4CEM |
| <b>2209</b><br>DL1SVI<br>KM3T<br>KX2A<br>N8MR<br>UN7ECA<br>W6RFL   | <b>2199</b><br>WB8B   | <b>2188</b><br>N4ZH<br>RD3A  | <b>2178</b><br>JA1KPH<br>K1GE                                       | <b>2166</b><br>LA2XPA<br>W2RQ  |
| <b>2208</b><br>DM5BB<br>IK3SWB<br>KI4DLS<br>WA1FCN                 | <b>2198</b><br>JH4DYP   | <b>2187</b><br>IK4IYC<br>IT9RYJ<br>JA3BSL<br>JR1MLU<br>RW4CY<br>W5VQ<br>W8BBQ<br>W8MHW | <b>2177</b><br>EA4EER<br>N3EN<br>NW6S                               | <b>2165</b><br>I0MWI<br>N4PJ<br>N5ET<br>S54A                         |
| <b>2207</b><br>I5KG  | <b>2197</b><br>AC9EM<br>SM5CBM  | <b>2186</b><br>ZS2EZ   | <b>2176</b><br>DJ2SL<br>K4ZIN<br>W5DAW                              | <b>2164</b><br>S55ZZ   |
| <b>2206</b><br>KM3V<br>PA3ABH<br>XE1RBV                            | <b>2196</b><br>JN3SAC<br>W9JJB  | <b>2185</b><br>JH7BKN<br>YO3CD   | <b>2175</b><br>JA4DHN<br>N5DD                                       | <b>2163</b><br>K5JC<br>N2WLG<br>UA1AIR<br>W2TB                       |
| <b>2207</b><br>I5KG  | <b>2195</b><br>EW1KP<br>IK8BQE<br>K2CBI<br>LY3W<br>W1SSN<br>W6AEA<br>W8KA | <b>2184</b><br>JA2JRG<br>N5AO<br>W2YR  | <b>2174</b><br>K5TT<br>W2OR   | <b>2162</b><br>RZ0AF<br>S59ZZ<br>W7AV                                |
| <b>2206</b><br>KM3V<br>PA3ABH<br>XE1RBV                            |   |  | <b>2173</b><br>G0DBE<br>K2AU<br>LU5FF<br>NF1G<br>OE2SCM             | <b>2161</b><br>JA4VLK<br>JF1RPZ<br>JH1WJR                            |

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| <b>2160</b><br>HS0ZEE<br>I5REA<br>IK1CJO<br>IK4HPU<br>JN7DOS             | <b>2150</b><br>JR1WCT<br>KU4XO<br>SM5FWW<br>YB0COU         | N1RK<br>N6IE  | K0DEW<br>PA1H<br>W6YOO  | <b>2120</b><br>HL3AMO<br>JA1WTI<br>LA4PM<br>SP8FB<br>W1WC<br>W2/CT1GIF<br>W6RKC |
| <b>2159</b><br>K1NY<br>N1RJ  | <b>2149</b><br>AA4FL<br>JA5NPV<br>JA8ZO                    | <b>2140</b><br>DL2HYH<br>JE2JMV<br>KT8Y                       | <b>2129</b><br>G3KMQ<br>JE2UFF<br>N2AJ<br>WB6EWM<br>XE1H            | <b>2119</b><br>JA7XBG<br>JA8LRG<br>K6MI<br>KR6C<br>WI8R<br>YO3FRI               |
| <b>2158</b><br>JF3PNQ<br>K4RO<br>SM4OLL                                  | <b>2148</b><br>CT1GPQ<br>DL7UPN<br>JA3LDH<br>K4YYL<br>K5GH | <b>2139</b><br>CT4GO<br>JF0JYR<br>K8BZ                        | <b>2128</b><br>IW0GBU<br>KE9I<br>OZ1IKY<br>OZ4VW<br>UN6P            | <b>2118</b><br>JR6SVM<br>OM5FM<br>R3QW  |
| <b>2157</b><br>DL5XAT<br>JR1NHD<br>K0KG<br>W6CYX                         | <b>2147</b><br>K1NJ<br>N3QE                                | <b>2137</b><br>K5FZ<br>NZ3O                                   | <b>2127</b><br>HB9AAL<br>JH1ACA<br>OZ5HP<br>W3ABT<br>W9HBH<br>W9VNE | <b>2117</b><br>ER5DX<br>G0FUV<br>IW3GJF<br>K1SM<br>LB5WB<br>OM8FR<br>SM7GIB     |
| <b>2156</b><br>N5PHT<br>NT5V<br>TA1CM                                    | <b>2146</b><br>EA5RD<br>EA8MT<br>K1PL                      | <b>2136</b><br>4O3A<br>G3IFB<br>IZ7AUH<br>K7LV<br>N1IX        | <b>2126</b><br>JF2VAX<br>K7ACZ<br>W0QQ                              | <b>2116</b><br>F6DBX<br>K3OX<br>KE6FV<br>SM7HCW<br>W5WTX<br>WB2GAI              |
| <b>2155</b><br>DF2NU<br>OZ7FOC<br>WA5LFD                                 | <b>2145</b><br>DF5WA<br>EC1A<br>RQ3A<br>RU6FZ              | <b>2135</b><br>K4NNX  | <b>2125</b><br>4F2KWT<br>IV3XNF<br>JH0BQX<br>JH3SIF                 | <b>2115</b><br>DL3KZA<br>EA1KY<br>KA2MGE  |
| <b>2154</b><br>JG3FEA<br>SP3V  | <b>2144</b><br>DK2OY<br>N4UOZ<br>W4IS                      | <b>2134</b><br>W3FI<br>WB5TUF                                 | <b>2124</b><br>OZ5NJ<br>W4GIW                                       | <b>2114</b><br>G3UAS<br>IZ5NFD<br>JA2VHO<br>KA2NDX<br>SM7BHH<br>W4SK<br>WB3LHD  |
| <b>2153</b><br>EA3GHQ<br>JH0RVY<br>K2BA<br>NF4A<br>OH2BF<br>S50R<br>W4JS | <b>2143</b><br>JA1CZI<br>JF3SUL<br>JK3GHE<br>K4NA<br>W9RC  | <b>2133</b><br>AJ4A<br>N6KZ<br>RA3LO                          | <b>2123</b><br>HL2KV<br>IK7EOT<br>KZ8Y                              | <b>2113</b><br>JA1OVF<br>JH2XQY   |
| <b>2152</b><br>UA3O<br>W6IGK<br>WA1PMA                                   | <b>2142</b><br>CT3DL<br>JA0PE<br>K8KWT<br>KK1W<br>W8KL     | <b>2132</b><br>JA1MZL<br>JR1UFN<br>K7UT<br>W3TN               | <b>2122</b><br>K1ZE   |   |
| <b>2151</b><br>AB4SF<br>JA3BXF<br>N4QWF<br>N7IP<br>SP1MWK<br>WA8MCD      | <b>2141</b><br>DL2AYK<br>DL9RCF<br>EA3EQT<br>I5MXX         | <b>2131</b><br>JA0EKI<br>K1RV<br>RN3CT<br>W7QDM               | <b>2121</b><br>A65CA<br>IK2ILH<br>JA0LXP<br>JH2SON<br>W8JV          |   |
|  |  | <b>2130</b><br>EA8AXT<br>IK0OPS<br>IK8UHA<br>JA3OOK<br>JH3FHQ |   |   |



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| <b>2112</b><br>AE0P<br>UN2E   | W2FV<br>W9DX<br>WA9YYY  | <b>2091</b><br>EB3CW<br>G4XRV<br>HB9JOE<br>W1TO<br>W2ZI<br>W4RDX         | <b>2078</b><br>K4KAY<br>K9DR                            | <b>2066</b><br>E70T<br>N3KN<br>W6KK                       |
| <b>2111</b><br>JA4FJL<br>JH0MHR<br>K3PP   | <b>2102</b><br>DM2RM<br>JE2VLG  |  | <b>2077</b><br>XE1J                                     | <b>2065</b><br>G3LUW<br>JL1ARF<br>K4ST                    |
| <b>2110</b><br>DK0UB<br>F2NH<br>HB9CRV<br>JA3XNH<br>JH1UBK<br>JK1AJX<br>RA1OD           | <b>2101</b><br>EA6AJ<br>JA3VPA<br>JH7DFZ<br>JK1UNZ<br>K1DC<br>K7KB<br>WA3OFR<br>YL2TW | <b>2089</b><br>IK0XEZ<br>KV1J<br>SM0MPV<br>SV1MO                         | <b>2076</b><br>JH1DGJ<br>OZ0J                           | <b>2064</b><br>DL3BRE<br>JH9DRL<br>N4JR                   |
| <b>2109</b><br>CT1BWW<br>UN7FW  | <b>2100</b><br>DS3HWS<br>DS5ACV   | <b>2088</b><br>F6ECI<br>K3EA   | <b>2075</b><br>JA8DSO<br>KI4GE<br>RA3FH<br>SP9WZS       | <b>2061</b><br>AA4NC<br>N8EHW<br>W1AO                     |
| <b>2108</b><br>9K2GR<br>E21EIC<br>JA1AML<br>JA1OVD<br>JA3NHL<br>JA3WLN<br>KW4V<br>WW2DX | <b>2099</b><br>EA8RR<br>WA1SXX  | <b>2087</b><br>JA1CJO<br>KF0LA<br>W1SRD                                  | <b>2074</b><br>DL8PG<br>JA4FCV<br>N2SQW                 | <b>2060</b><br>CS8ABF<br>JF1LZQ<br>JR1IZM<br>PA0TCA       |
| <b>2107</b><br>EA3DW<br>G4DJJ<br>K3PU<br>W8GNM  | <b>2097</b><br>IZ5MOQ<br>RW9QA  | <b>2085</b><br>DL5XL<br>HA5PT<br>KI1U<br>KR2Q<br>PA3GCV                  | <b>2073</b><br>DJ0MCH<br>K9RT<br>ND4V                   | <b>2059</b><br>4Z5LX<br>HI8RD<br>JE8LWZ<br>N0IJ<br>WD8PKF |
| <b>2106</b><br>JE3GUG<br>KX4TT<br>LA6OP<br>VE2BR  | <b>2096</b><br>CT1FUH<br>F5NBX<br>HA1DAE<br>JA1QWT<br>W2JLK<br>W5WP                   | <b>2082</b><br>JM1GHT<br>N7DED<br>SV1CQN<br>YO3ND                        | <b>2072</b><br>JA8CJY<br>K4JC<br>R9SC<br>SM4BZH<br>W3BG | <b>2058</b><br>IK2PZC<br>W1ZK                             |
| <b>2105</b><br>DS5TOS<br>K7TM<br>N4UFO<br>SM5ENX  | <b>2095</b><br>K1UI<br>KE4UW<br>ON4RU   | <b>2081</b><br>KS4S<br>NA4EA   | <b>2071</b><br>K2HAT<br>KF6HI<br>PA0INA<br>W0CP<br>W3GG | <b>2057</b><br>K5DC<br>NK4L<br>PY2FN<br>W0TM              |
| <b>2104</b><br>DM5GG<br>JA3KNN<br>W2CG  | <b>2094</b><br>IK2CHZ<br>KL0S<br>SV1FJF   | <b>2080</b><br>JH1ORA<br>KC6X<br>N0AH<br>W5LE<br>W5QM                    | <b>2070</b><br>CU3EQ<br>JA6GPR<br>ND5S                  | <b>2056</b><br>JA1EMQ<br>N6PEQ<br>RN3D<br>W3XY            |
| <b>2103</b><br>JK1ODA   | <b>2093</b><br>JR7GBL<br>VE3ZZ  | <b>2079</b><br>JA1GVM<br>K8AV<br>KN4KL<br>N1IW<br>N5TJ<br>N7UN<br>PA0GMM | <b>2068</b><br>KK4OK<br>N4NW<br>R3LA                    | <b>2055</b><br>F5BOY<br>PY2WC                             |
|   | <b>2092</b><br>K3SX<br>N5AQ<br>R1MA<br>ZL2AL  |  | <b>2067</b><br>JA1NCZ<br>K2AX<br>N0ABA<br>NE6I          | <b>2054</b><br>DS4AOW<br>OH3OJ                            |

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| <b>2053</b><br>EA3HRE<br>EI8IU   | K2UFM<br>K6MKF<br>K9TF<br>NA9A  | <b>2034</b><br>AA3LX<br>JA2QXP  | <b>2022</b><br>JA0KJE<br>JR3REX<br>SV2HXX                             | <b>2012</b><br>IK7YZG<br>JE0VJV<br>VE3MV<br>WA3I  |
| <b>2052</b><br>HL2EIZ<br>K5TA<br>OM7CA<br>RA3TT                                | <b>2042</b><br>IK5BOH/2<br>K1RI<br>KA6BIM<br>NE0U   | <b>2033</b><br>JA1XPQ   | <b>2021</b><br>M0CSD  | <b>2011</b><br>4Z5SG<br>JA3FHL<br>K3VN  |
| <b>2050</b><br>JJ1BMB<br>JM1HJG<br>K4JLD<br>N4IQ<br>WB8FSV                     | <b>2041</b><br>DK9HN<br>IK0OER<br>IT9GSF<br>JN3TRK<br>LA7XK<br>SP6AXW<br>SV9GPV<br>W4GE<br>W7SX<br>WE1P | <b>2032</b><br>HB9DOT<br>IK2RZP<br>IK5PWN<br>JA1AFR<br>KI6CG<br>LZ2HN<br>W2KA<br>W7VY | <b>2020</b><br>CU3AA<br>JF2DND  | <b>2010</b><br>7M4AOE<br>JA2MNB<br>JH6EJG<br>K2BB<br>K2SN<br>LU6ETB<br>RA3BL<br>UA3FF<br>WB3D |
| <b>2049</b><br>IK8VRH<br>JH2PWY  | <b>2040</b><br>JA1DDZ<br>JL1OXH<br>K1DJ<br>LA7WCA<br>N7QT<br>W8MK                                       | <b>2031</b><br>W7IV   | <b>2019</b><br>JA2MOG<br>JI6IHG<br>K1JIU<br>SM5BMB<br>W1ITU<br>WA2USA | <b>2009</b><br>9A4SS<br>AF5CC<br>G8AJM<br>R3DG  |
| <b>2048</b><br>I5JFG<br>K8NS<br>NT2A<br>SP5ES                                  | <b>2039</b><br>DK9CG<br>UN3G<br>VE3KI   | <b>2030</b><br>N6PAT<br>UA6AUA<br>VE3JV   | <b>2018</b><br>JA7BEW<br>ON7TK<br>SA0AQT<br>W3ICM                     | <b>2008</b><br>K4RG   |
| <b>2047</b><br>IZ0BVU<br>JA0VSH<br>JA1FJJ<br>JL2PQV<br>JP7EIP<br>K2AJY<br>K9OR | <b>2038</b><br>JJ6DGP<br>KK2M<br>WA5IPS   | <b>2029</b><br>N4IG<br>SV1HEP<br>WV4TN  | <b>2017</b><br>KB2FCV<br>N4OA   | <b>2007</b><br>DK3UA<br>KV1E<br>N6OJ<br>NA2AA<br>VA3MO  |
| <b>2046</b><br>EC1AIJ<br>F5INJ<br>I5MPN<br>KM6HB<br>ND4X                       | <b>2037</b><br>DK2CC<br>JA3MHA<br>K2EK<br>W7IU  | <b>2028</b><br>DJ0UT<br>JE1VTZ<br>K8KS<br>KD9HL<br>SM5AOG                             | <b>2016</b><br>JA0LFV<br>JP1TRJ<br>RU9UC                              | <b>2006</b><br>DG7RO<br>DM3AZ<br>HI3Y<br>IK2ANI<br>JA3EJG<br>KB4MRX<br>W8JH<br>WB0O           |
| <b>2045</b><br>IK6OIN<br>JA1WWO<br>RK2FWA                                      | <b>2036</b><br>KD4S   | <b>2027</b><br>F5OVQ<br>NI3P  | <b>2015</b><br>DK3GG<br>IU0LFQ<br>K9MMS<br>RK7T<br>VE3UZ<br>YB1AR     | <b>2005</b><br>DK5RL<br>JH1NYN<br>NU1O<br>SM6CKU<br>VE3NI                                     |
| <b>2044</b><br>JH0NEC<br>JH8GEU  | <b>2035</b><br>AA4VV<br>JA7KE<br>KF2DT<br>KM1C<br>N9SF<br>YB2DX   | <b>2026</b><br>9A5F<br>RT5A<br>XE2D   | <b>2014</b><br>AB4UF<br>IZ1DFG<br>JH1BSJ<br>K0DD<br>K2AT<br>N7TT      | <b>2004</b><br>DM1TT  |
| <b>2043</b><br>HB9G<br>IK0UTM<br>JA3QOS<br>JH6WDG                              |   | <b>2025</b><br>EA5OX<br>JH6DUL<br>JL2KEQ<br>S52D<br>W9MJ                              | <b>2013</b><br>JT1BV<br>RA3QUA<br>SQ7NSN<br>W7HR                      |   |
|  |   | <b>2024</b><br>N1JP<br>RT0F<br>UR5ECW   |   |   |

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| EA1DLU<br>JH4RUF<br>RA3ANL<br>SP3QYQ<br>SP5APW<br>W4SO   | VK3BDX<br>VK4CAG<br>W0IZ<br>W4KA<br>W5VX<br>W6DE<br>W9ZCL<br>WV6E<br>YB2TX                  | <b>1987</b><br>TZ4AM<br>WC4H                      | <b>1973</b><br>DL2NOM<br>JA4XH<br>OP4K                         | <b>1961</b><br>K5RJ<br>K9ALP<br>ZS1J                       |
| <b>2003</b><br>AA5JF<br>JF4EQJ<br>KE3D<br>NA5Z<br>OH3NHF<br>UA4PCM<br>W4ZYT<br>YO7NE   | <b>1999</b><br>DL4LAM<br>LA9OI  | <b>1986</b><br>K1ACL<br>N1UK<br>SV1FKZ<br>W0SR    | <b>1972</b><br>AB4I<br>DL3JPN                                  | <b>1960</b><br>JA1CFZ<br>K3BR<br>NY9H                      |
| <b>2002</b><br>JA6IVR<br>K5FNQ<br>KD8RQE<br>N1EVK<br>NJ3K<br>SV3FUO<br>VE4EAR<br>W3FOX   | <b>1998</b><br>AC4TO<br>HA5BSW<br>K6NR<br>KD2T<br>KN6KI<br>SV8CKM<br>W3BJ<br>W4RBO<br>WA6JA | <b>1985</b><br>JA1JPM<br>K6MM                     | <b>1971</b><br>K2SY<br>KB9DAK                                  | <b>1959</b><br>JR6CSY<br>K5NZ<br>NO4J<br>SM0DSF<br>SM5CAK  |
| <b>2001</b><br>BH4IGO<br>DL6OCM<br>IU8FRE<br>JA8XQI<br>JL3LSF<br>K2BLA<br>N9TF<br>VR2XMT<br>W0YVA<br>YO4DW   | <b>1997</b><br>AF2C<br>NA2U<br>W2NRA  | <b>1984</b><br>J11CQA<br>JR7MAZ<br>K8YYY<br>N2FF  | <b>1970</b><br>JA1QXC<br>W0JM<br>WS1L                          | <b>1958</b><br>KE8UM<br>N5TW                               |
| <b>2000</b><br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>JA7HRM<br>JH0AWC<br>JH0NOS<br>JQ1TIV<br>KJ7M<br>LA1K<br>N6PM<br>OE3HWC<br>R5QA<br>RD4A<br>SQ5NRY<br>UN7G | <b>1996</b><br>GW3SFC<br>OH1NPW<br>WC6DX  | <b>1983</b><br>DF2PI<br>HB9EFK                    | <b>1969</b><br>SM4DDS  | <b>1957</b><br>IT9RTA<br>N2RJ                              |
|  | <b>1995</b><br>IK1IYU<br>JA1SKE<br>K6IPM<br>K9SG  | <b>1982</b><br>DL1RWN<br>JA1SGU<br>W8LMG          | <b>1968</b><br>OZ4AAL  | <b>1956</b><br>AA6RR<br>JF6XQJ<br>N1QY<br>SP5MXZ<br>WA1YTW |
|  | <b>1994</b><br>WD8ANZ   | <b>1981</b><br>AA0MZ<br>IZ4DIW                    | <b>1967</b><br>F1ICS<br>JM1TWR<br>N4QWZ<br>V51B                | <b>1955</b><br>K3FM<br>SP6EY<br>W1CSM                      |
|  | <b>1993</b><br>K5SM   | <b>1980</b><br>AA9GR<br>I8LWL<br>IK7FPV<br>SV2DCD | <b>1966</b><br>HB9CIC  | <b>1954</b><br>DM2TO<br>IS0AFM<br>K8VC<br>KK9H             |
|  | <b>1992</b><br>HA5GN  | <b>1979</b><br>IZ8EJB                             | <b>1965</b><br>JA3HBC<br>KA1J<br>KB9VF<br>N6NO<br>N7WO<br>NP4G | <b>1953</b><br>K2BX<br>K4WZ<br>N3KV                        |
|  | <b>1991</b><br>N6MB<br>NH6T/W4  | <b>1978</b><br>WA0ROI                             | <b>1964</b><br>EI3IO<br>W5THT                                  | <b>1952</b><br>W2NK  |
|  | <b>1990</b><br>OM3IM<br>RX4HW   | <b>1977</b><br>DL5OCE<br>JJ2RCJ<br>KY6R           | <b>1963</b><br>DH0GSU<br>I8DVJ<br>JA1BNW<br>OZ1LWT<br>W9SN     | <b>1951</b><br>IZ0BTV                                      |
|  | <b>1988</b>   | <b>1976</b><br>DH2PC<br>JO1LVZ<br>K5QX            | <b>1962</b><br>HA5CW<br>WC3W                                   | <b>1950</b><br>JA2FCZ<br>K4OY                              |

|  |  |   |  |   |
|--|--|---|--|---|
| N1ZZ<br>N5UW<br>WA4DOU                                     | <b>1937</b><br>K4MF  | W3SB  | <b>1913</b><br>IV3IXN<br>K9FD  | <b>1903</b><br>NQ3A   |
| <b>1949</b><br>G3LDI<br>JA1XRA<br>W4DAO                    | <b>1936</b><br>K2RU<br>N9ZI  | <b>1925</b><br>KS4YT<br>KV4T<br>W1NA<br>W9IL                                    | <b>1912</b><br>DL2RTL<br>F6HLC<br>HB9KNY<br>JA2ITK<br>JH3GFA<br>W8FN                 | <b>1902</b><br>IU2ANW<br>JA4KDT<br>JQ1ALQ   |
| <b>1948</b><br>YV5OIE                                      | <b>1935</b><br>N1KC  | <b>1923</b><br>IZ1JMN   |  | <b>1901</b><br>F5JSD<br>S58J<br>W8FIB   |
| <b>1947</b><br>DL6LIM<br>DL6XK<br>DS5DNO<br>K9WX<br>N4ENE  | <b>1934</b><br>9A9CW<br>DK4TP<br>NA6L                                  | <b>1922</b><br>DL4RCK<br>JE2PCY<br>LY3UM<br>N9KW                                | <b>1911</b><br>JH1RFM<br>K6BV<br>UT7KF   | <b>1900</b><br>FG4NO<br>JA7BSD<br>JH7CUO<br>K9JN<br>N6NU<br>PT7ZT<br>W1AW<br>W5KI<br>WE4S |
| <b>1946</b><br>DF9PG<br>K5WBM                              | <b>1933</b><br>CU3AK<br>CU3AN<br>JN1NBU<br>KK4OW<br>WN6K               | <b>1921</b><br>JA2KSP   | <b>1910</b><br>NC4RB   |   |
| <b>1945</b><br>DJ8NT                                       | <b>1932</b><br>DJ7ZG<br>K9GWH  | <b>1920</b><br>JA8OW<br>K9AW<br>OH3NDH  | <b>1909</b><br>EA1KP<br>NU1B   |   |
| <b>1944</b><br>NE8Z  | <b>1931</b><br>JF1IXE<br>N7WS<br>WA9GON                                | <b>1919</b><br>DJ9WH<br>HB9DQV<br>JA0CIU<br>JF2OZH<br>N7ZO<br>NR9J<br>W8QZA/QRP | <b>1908</b><br>AG1A<br>K5YCM<br>KD4W<br>KL7HBK<br>SP5TT<br>W6UC                      | <b>1898</b><br>DL8OH<br>PY5IP<br>UN1L   |
| <b>1943</b><br>W7NN<br>W8TE                                | <b>1929</b><br>DL7UVO<br>IK8CNT<br>IU8HEP<br>JA1OND<br>JA7FWR<br>RL3AA |   | <b>1907</b><br>DL4NBE<br>DL5MHQ  | <b>1897</b><br>GU0SUP<br>KI4WCQ<br>KW4MM<br>WB8ART<br>YO2DFA                              |
| <b>1942</b><br>CU3EJ<br>G4NXG<br>JH1EDD<br>UA4SKW<br>W2CVW | <b>1928</b><br>K6MW<br>N5WA<br>N6RK<br>W5KK                            | <b>1917</b><br>DJ3AS<br>HL5BMX<br>K9JU  | <b>1906</b><br>AC6DX<br>GM4FDM<br>IK7WPC<br>JA1HOM<br>K1BZ<br>N3KS<br>OE1SZW<br>W2YK | <b>1896</b><br>JA2EWE<br>N3VA<br>WB5AAA   |
| <b>1941</b><br>ON4ANN                                      |  | <b>1916</b><br>AD5MN<br>JR1VAY<br>W5GA<br>W8HMK                                 |  | <b>1895</b><br>DF1ZN<br>LA5SJA<br>SP6AEG<br>W3ACO   |
| <b>1940</b><br>K4WES<br>K4YJ<br>ND8L                       | <b>1927</b><br>EW1P<br>I2AOX<br>JE1OHL                                 | <b>1915</b><br>6K5YIA<br>G4XEE<br>JH1ERJ<br>NY3C<br>PA3GRM<br>W2WC<br>W5RF      | <b>1905</b><br>JA6JEW<br>JJ2WOC<br>OE3KLU<br>OH5LLR                                  | <b>1894</b><br>JA0AXV<br>K5OA<br>W4HZ   |
| <b>1939</b><br>JH8NBJ<br>K1FEV<br>SV8BHN<br>UA9CGL         | <b>1926</b><br>HL4GAV<br>IK2DUW<br>JE1HRC<br>JM1VRW<br>RD3BD<br>UA3FX  | <b>1914</b><br>IZ0NRG<br>W5GO   | <b>1904</b><br>DL1DAW<br>K8EAB   | <b>1893</b><br>K4JKB<br>NG7M  |
| <b>1938</b><br>KE1VT<br>NA2P                               |  |   |  |   |

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|---|--|--|---|---|
| <b>1892</b><br>K8QKY                                    | <b>1879</b><br>DL3LBM<br>RD9M                                  | <b>1868</b><br>G3SBP<br>SV1OZ<br>UA1ORK                                    | <b>1857</b><br>AA4U<br>JH1OGT<br>PA0JNH<br>W7WZ                       | JA2XW<br>W4PNY<br>ZS6NJ                               |
| <b>1891</b><br>DK1WU<br>K6XN<br>LA9TY<br>W6AER          | <b>1878</b><br>K5AB<br>K5KG<br>K9AU<br>K9UQN<br>N2NW<br>YO2KHK | <b>1867</b><br>JH8KFE<br>N3ND<br>RA4P<br>RO1B                              | <b>1856</b><br>K4EA   | <b>1845</b><br>WY6N                                   |
| <b>1890</b><br>EA3EQS<br>W8QID<br>WB2BIN                | <b>1877</b><br>EA7QW<br>N4HN<br>OH7TV<br>W0FS                  | <b>1866</b><br>HB9MFM<br>JE1BMJ<br>K1JB<br>K1JD<br>K9CS<br>RA0BA<br>RT3M   | <b>1855</b><br>JT1CO<br>K5CWR<br>PY2GM                                | <b>1844</b><br>I0GOD<br>KZ1W<br>N8SHZ                 |
| <b>1889</b><br>IK6GRT<br>JH0OXS                         | <b>1876</b><br>AA4AK   | <b>1865</b><br>K3PT<br>SK3BG<br>SP6IEQ<br>W0FK                             | <b>1854</b><br>KJ7TEA<br>W1EG<br>WA5POK                               | <b>1843</b><br>KK4CB<br>N1MD<br>N4TOL                 |
| <b>1888</b><br>MM0BQN<br>W4YCH                          | <b>1875</b><br>AH0U<br>IZ8AJU<br>VE7TK                         | <b>1864</b><br>MU0FAL<br>N0ODK<br>NV4B<br>WQ5R                             | <b>1853</b><br>K3WWT<br>N2ZZ<br>N7MQ<br>W2RIJ                         | <b>1842</b><br>HB9FMT<br>NE9Z<br>VA7ZT                |
| <b>1887</b><br>DF6TC<br>F5VHQ<br>JA0KJD<br>K9DT<br>KM3J | <b>1874</b><br>DF3EC<br>JA7VEI<br>K6IPV                        | <b>1863</b><br>JA1PAH<br>WO9S  | <b>1852</b><br>AK5X<br>EA5B<br>JA4EVN                                 | <b>1841</b><br>AB2E<br>NA9Q<br>NS4P<br>W8ZF<br>WB2AQC |
| <b>1886</b><br>WB2WPM                                   | <b>1873</b><br>IT9ODQ<br>K5TN<br>WA4VA                         | <b>1862</b><br>DJ5IO<br>JA1GUC<br>K2CIB                                    | <b>1851</b><br>JA7GYP<br>N6GP<br>N6ZN<br>WA4QMQ                       | <b>1840</b><br>E16IZ<br>K2MP<br>W0KCY<br>W5UE         |
| <b>1884</b><br>IV3AZZ<br>IZ8EEI<br>KZ9DX<br>US1CT       | <b>1872</b><br>AC4VM<br>K9SE<br>SM6CLU                         | <b>1861</b><br>N1AC<br>VE3YV<br>WV2I                                       | <b>1850</b><br>DL6KO<br>I0LYO<br>IT9AAI<br>JA2KTP<br>JA4QAD<br>JA7JPZ | <b>1839</b><br>DJ8OG                                  |
| <b>1883</b><br>IW0BYL<br>WQ6Q                           | <b>1871</b><br>DK6OR<br>K4EU<br>W9VG                           | <b>1860</b><br>DL5KUA  | <b>1849</b><br>IZ8MBW<br>JA4CZM<br>WO2X                               | <b>1838</b><br>DJ1TO<br>EI7CC<br>N3XM                 |
| <b>1882</b><br>EA5RU<br>JA3MVI<br>JI1WLL                | <b>1870</b><br>DF1KG<br>JH8SIT<br>N6QI<br>YO3JF                | <b>1858</b><br>EU1M<br>GI4DOH<br>I4JBJ<br>JH1FSB<br>NL7S<br>SP3F<br>SV8DOU | <b>1847</b><br>N5ZC<br>VE1OP<br>W1WLW<br>WB4QOC                       | <b>1837</b><br>CX2CC<br>EI2JD<br>HB9IIO<br>LY9Y       |
| <b>1881</b><br>JM1SZY<br>W1OP                           | <b>1869</b><br>JH0EQN<br>JJ1TKN<br>RU1AO<br>WK7E               |  | <b>1846</b><br>G4FKA  | <b>1836</b><br>5B4XF<br>K0SD<br>N3OC<br>WA6SCW        |
| <b>1880</b><br>W7YA<br>WB2KSK<br>WX0B<br>YO4AUL         |  |  |   | <b>1835</b><br>JA6HQT                                 |

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| PY2GG<br>W0ZD<br>W1KDA   | W6WF<br>W8OM   | <b>1813</b><br>EA8DIB<br>JI1LAT<br>K4JWA<br>KB6CIO<br>VK6LC | N6MXU<br>WC2K  | <b>1792</b><br>DL3EA<br>JH4RLY<br>JR6GIM<br>K6TAR  |
| <b>1834</b><br>AG5W  | <b>1823</b><br>LZ2ZG<br>NI5F<br>SQ9OH                    |   | <b>1801</b><br>KF7F<br>N5PR  |  |
| <b>1833</b><br>K5ZQ<br>LU8ADX<br>W7IB<br>W8CD                          | <b>1822</b><br>HL2ZN<br>WB0TVY                           | <b>1812</b><br>I4JEE<br>IV3ARJ<br>K3MSB<br>KU8X<br>W7CD     | <b>1800</b><br>DL4FAP<br>K3GGN   | <b>1791</b><br>JA2OLJ<br>W3DM  |
| <b>1832</b><br>JA1XEL<br>JF7ELG<br>JS6TWW<br>W0DD                      | <b>1821</b><br>K3GT<br>W0PSY<br>YV5LI                    | <b>1811</b><br>IZ3BJK<br>N8NA<br>OH2RI                      | <b>1799</b><br>JE1IBI<br>K0MD<br>K7GS<br>W9MO<br>WC7Q                                | <b>1790</b><br>JI3CJP<br>SV8RX<br>W9CSX  |
| <b>1831</b><br>KD5QHV<br>SM3PHM<br>VK3FM                               | <b>1820</b><br>JA3EY<br>K8ZM<br>KQ4EE<br>W1DYJ           | <b>1810</b><br>DL1DWT<br>NM5Z<br>NU7J<br>VA7CRZ             | <b>1798</b><br>DL7KL<br>GW4BKG<br>K1IFJ<br>KC5LK<br>N7ELL<br>S59DKR                  | <b>1789</b><br>IK2ZJN<br>JI3BFC<br>JK1VXE  |
| <b>1830</b><br>DL8FBD<br>IT9BLB<br>K0OK                                | <b>1819</b><br>AA4DD<br>K5UZ<br>SP7ICE<br>WB0N           | <b>1809</b><br>CT1DOF<br>VK5GR                              | <b>1797</b><br>KH6M  | <b>1788</b><br>HB9TOC<br>JA3HBF<br>JA4HWX<br>JG6NGS<br>K0ARS<br>K1XV<br>K4WM<br>KT2C<br>LA1U<br>N5FF<br>NU4Y<br>WB6JJJ |
| <b>1829</b><br>JA1UTZ<br>KD1F  | <b>1818</b><br>7K1CPT<br>K0THN<br>K3AJ                   | <b>1808</b><br>EA2AFV<br>N3RW<br>W0MU<br>WB2NPY             | <b>1796</b><br>K2IXQ   |  |
| <b>1828</b><br>JA1QIW<br>JL3MCM  | <b>1817</b><br>W8LKG<br>WA4BIM                           | <b>1807</b><br>K3NF   | <b>1795</b><br>JR1DQK<br>K5ZD<br>KA9OKH<br>RC3FL<br>SV3ICK<br>VK3NX<br>W5JMW<br>WC4B | <b>1787</b><br>AA9RR<br>KM7R<br>ON8GT  |
| <b>1827</b><br>HB9DDM<br>JG1SWM<br>N1IA                                | <b>1816</b><br>G3WW<br>K5OT<br>S52FW                     | <b>1806</b><br>DF2UA<br>JR6IQI<br>PA0MBD                    | <b>1794</b><br>I2YWR<br>I8OCA<br>IK3ITX<br>PA0VLY<br>SM0BYD                          | <b>1786</b><br>AA7XT<br>G3YQA<br>G4AFJ<br>N2CG   |
| <b>1826</b><br>K3STX<br>N6AX<br>YO3DDZ                                 | <b>1815</b><br>DL9IU<br>IW0BCF<br>W1PX<br>W3KB<br>WD4OIN | <b>1805</b><br>CT1BXX<br>JH8UQJ<br>W6BK                     |  | <b>1785</b><br>AA6PW<br>JI8PDC<br>JJ1CZR<br>JL1BYZ<br>K9QFR<br>R5DU<br>W2DXE<br>W3UM                                   |
| <b>1825</b><br>W2CDO   |  | <b>1804</b><br>I1YDT  | <b>1793</b><br>DL1TS<br>G4ZOY<br>G7VJR<br>JA0EVI<br>RA4WE<br>WY1G                    | <b>1784</b><br>EA5DFV  |
| <b>1824</b><br>DL1HBT<br>DL7APK<br>IK0EFR<br>IU8FRF<br>JJ1KZZ<br>W4DEE | <b>1814</b><br>4X4MF<br>AA9LC<br>HB9FBG<br>K4XU          | <b>1803</b><br>VE6KC  |  |  |
|  |  | <b>1802</b><br>JH7QLR<br>KE5PO                              |  |  |

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| I2TZK<br>JA1IAZ<br>JJ2ONH<br>JM1LPN<br>LA8AW<br>W3MF                             | <b>1774</b><br>JH1FVE  | <b>1765</b><br>K7XC   | <b>1754</b><br>K2TER<br>N9XX<br>OZ1HPS<br>VK2CA<br>W8RV                           | WA5NFC   |
| <b>1783</b><br>IZ0CBB<br>K4SX<br>R9MJ<br>UN7JID                                  | <b>1773</b><br>AJ7G<br>JH1XEF<br>K0EEO<br>OZ7DN<br>PY2SEX<br>WB4YDL<br>WD8NVN                        | <b>1764</b><br>DS5RNM<br>HB9ZS<br>UR4IOR<br>UW7UA<br>VA7RY        | <b>1752</b><br>AL7R<br>JF2HPA<br>N8HRZ<br>W3NS                                    | <b>1742</b><br>DL7JRD<br>KE8KMX  |
| <b>1782</b><br>SM0XBI<br>W1UK  | <b>1772</b><br>AJ8MH<br>K9PG<br>UW2ZO<br>WA0SXV<br>WB4GLI  | <b>1763</b><br>IK4THK<br>JA1PPW<br>W9ZJ                           | <b>1751</b><br>KR0P<br>LA5XGA   | <b>1741</b><br>K1RH<br>N0UN<br>ND3L  |
| <b>1781</b><br>DL1FKA<br>JP7FSO<br>K1DW<br>W6TK                                  | <b>1771</b><br>K2MK<br>K3SV<br>N7BD  | <b>1762</b><br>JH2AJY<br>N1API<br>S53MJ<br>TI5CDA                 | <b>1750</b><br>AB4GE<br>AL7TC<br>JH6PFY<br>N9AOL<br>W3US<br>W4CCS<br>W5DM<br>W8NN | <b>1740</b><br>CT2GLO<br>DK5QK<br>N1KDO<br>RC2A<br>VK7CW                                 |
| <b>1780</b><br>EA2AAZ<br>IV3KCB<br>K0GW<br>K5CD<br>K7NK<br>N2GZ<br>N4PYI<br>W6OD | <b>1770</b><br>EA4DL<br>JA1UII<br>R3CR<br>SM5YOC   | <b>1761</b><br>HB9BOU<br>RX3APM                                   | <b>1749</b><br>N6BM   | <b>1739</b><br>AD6ZJ<br>CT1IZW<br>EA3WL<br>IZ2EWR<br>K4EB<br>K6RG<br>OE1ALW<br>UN1O      |
| <b>1779</b><br>JA6GIJ<br>K5AV  | <b>1769</b><br>7J1ADJ<br>WC7N<br>XE1VIC  | <b>1760</b><br>DK0EE<br>HB9TMW<br>JA8IUB<br>JR1EFG<br>K4WY        | <b>1748</b><br>DF7AP<br>DL5NO<br>DM2HK<br>JG4NNS<br>K2RET<br>OZ1ACB<br>RM6B       | <b>1738</b><br>F5RQQ<br>N0STL<br>N3MK<br>N4GU<br>NA6O                                    |
| <b>1778</b><br>HB9AWS<br>JF1WLK<br>JG1LBN<br>JH1ILX<br>JR3QHJ<br>K6UFO<br>S50B   | <b>1768</b><br>K7LAZ<br>NE1F   | <b>1759</b><br>JA0NZR<br>JA0RCK<br>JE4NAN                         | <b>1747</b><br>JA1ETN   | <b>1737</b><br>DL9EO<br>K1DX<br>SV1NJW<br>W3ML   |
| <b>1777</b><br>JA7DYJ<br>JL1CNY  | <b>1767</b><br>K0QQ<br>VE3VC<br>W1SLF  | <b>1758</b><br>KE4S<br>SM5GLC                                     | <b>1746</b><br>N9JR<br>SM2DMU   | <b>1736</b><br>KB1HY<br>N7MB<br>N7UVH  |
| <b>1776</b><br>W8GEX   | <b>1766</b><br>JG1DUZ<br>JG1HVC<br>LB2HG<br>LZ1MS<br>N2KX<br>N5QS<br>SP5ELW<br>TF3DC<br>W6DX<br>WC4X | <b>1757</b><br>JH4JLV<br>J12FBG<br>JS1NDM                         | <b>1745</b><br>SM5ELV   | <b>1735</b><br>JA1DOT<br>K3NQ<br>K7FL<br>KW9U<br>N4CQ<br>RN9CM<br>RU6K<br>W3FJ<br>WA2UBK |
| <b>1775</b><br>BA4TB<br>I8YAV  |  | <b>1756</b><br>F6KOP<br>JP1LRT<br>K5CR<br>NE9R<br>SM1TDE<br>YL3DQ | <b>1744</b><br>EA4DEI<br>IZ0GYP<br>K8SL<br>RX6DX                                  |  |
|  |  | <b>1755</b><br>JH9AUB   | <b>1743</b><br>K0HD   |  |

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|--|---|---|--|--|
| <b>1734</b><br>5B4ALJ<br>JJ1QUV  | JP1HDK<br>K4KGG<br>K4QE<br>K4VNY                                | <b>1716</b><br>9A1CKH<br>AA4M<br>DK1EI<br>N3RD<br>NO9E                        | <b>1706</b><br>AC6HY<br>IK4DKO<br>PA3BWD<br>W9BP                     | JH1IZR<br>KK9T   |
| <b>1733</b><br>JA5DBE<br>N6WM  | <b>1725</b><br>JH1FNU<br>N6EE<br>V31MA                          | <b>1715</b><br>JG3WCZ<br>K2CYE<br>KK5OQ<br>N1CGP<br>N4TD<br>OZ8X              | <b>1705</b><br>K7GQ<br>N2ZA<br>WY0V                                  | <b>1696</b><br>HB0WR<br>N4AOE<br>NA6MG<br>RA0R<br>W9GG                                       |
| <b>1732</b><br>DL8TV<br>IK6EIW<br>JA5JUG<br>KA1DJ<br>KW4CQ<br>N4DWK                | <b>1724</b><br>F5JY<br>JA3CSZ<br>VE3SKX<br>YB1TJ<br>YO3AIS      | <b>1714</b><br>DL5CL<br>K8JE<br>N7KO  | <b>1704</b><br>JL1GYZ<br>KF4ZZ<br>LB7ZG<br>N7FU<br>W7FP              | <b>1695</b><br>JH3HGH<br>KF4VTT<br>LX1DA   |
| <b>1731</b><br>JA0MRW<br>KE4KY<br>KR4W<br>N2RR<br>N5EPA<br>W6WA<br>W9GXR<br>WA9JWL | <b>1723</b><br>DL9OBY<br>JA8EIA                                 | <b>1713</b><br>HA7LW<br>K5ALQ<br>ZS6UT  | <b>1703</b><br>HK4L<br>JE6HGL<br>NA2X<br>W9ROG                       | <b>1694</b><br>4X6GP<br>K4KEW<br>N9DR<br>UA1ANA  |
| <b>1730</b><br>AA4LR<br>AG7N<br>JA6JNF<br>JE3EDJ<br>K5TIA<br>WX6V                  | <b>1722</b><br>IK2GPQ<br>JA3UNA<br>M0IKW<br>N1WQ                | <b>1712</b><br>K8SIA  | <b>1702</b><br>JG3HBO<br>JH1MFN<br>JH5HDA<br>KM9E<br>N9PGG           | <b>1693</b><br>EI9FVB<br>R1QA<br>W2GS  |
| <b>1729</b><br>DK4PE<br>I7PXV<br>LA2GH<br>W8NGA<br>XE1FAS<br>XE1L                  | <b>1721</b><br>DM3ZF<br>EA2J<br>LA9GX                           | <b>1711</b><br>W1KMA  | <b>1701</b><br>CT3CD<br>JA7FAS<br>JH7IMX<br>ZL3RJ                    | <b>1692</b><br>4X1SK<br>BV1EK<br>CT1ELF<br>JA1FUI<br>JA3KZV<br>K0KP<br>W0AD<br>W1UE<br>W4LIA |
| <b>1728</b><br>JA8AZN<br>OH1HB   | <b>1720</b><br>HK3PJ<br>KK0DX<br>N4XYZ                          | <b>1710</b><br>EU4A<br>JE1HPM<br>JG3KCX<br>KG4CUY<br>KS0M<br>N8AYY<br>W4GP    | <b>1700</b><br>IZ5FSA<br>JA0ED<br>JH2VVH<br>KE5TD<br>NA4MM<br>WB2RAJ | <b>1691</b><br>JR0PJR<br>K5TR<br>KE5FXE<br>N6KK<br>NS3L<br>NX8Y<br>WV9L                      |
| <b>1727</b><br>JE4CIL<br>JR5JAQ<br>K4AR<br>KR8T<br>N1NU<br>N7HN                    | <b>1719</b><br>AE4CW<br>G0BBB<br>W6SFK<br>YL2CA                 | <b>1709</b><br>JA7BME   | <b>1699</b><br>CT2IUK  | <b>1690</b><br>DJ6NI<br>IK0WRB<br>W6RFF<br>WB5NHL  |
| <b>1726</b><br>DL9GTB<br>IK3DVY  | <b>1718</b><br>IZ1JLG<br>K6CF<br>ND3F<br>NX2X<br>W0PR<br>WA6TLA | <b>1708</b><br>HL2VA<br>IT9ZZO<br>JA1SHE<br>JA4IXI<br>JH1SBE<br>N8VV<br>W5UHQ | <b>1698</b><br>HL4CCM<br>K5PC<br>KF7NN<br>W8SAX                      | <b>1689</b><br>JE2EBT<br>K8KI<br>KF2TI<br>KL7TC  |



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| W4GMY<br>WA6G   | WB6L<br>WC0W<br>WF1H<br>YO3FGO                                   | <b>1669</b><br>JH2AQI  | W1EL<br>WA7BNG  | <b>1649</b><br>N5PA  |
| <b>1688</b><br>AA0ZP<br>IK1UGX<br>K5MT                                      | <b>1680</b><br>K8ZZU<br>W1MR                                     | <b>1668</b><br>7K3QPL<br>HA5LQ<br>K2DC<br>NE3H<br>VA7KO<br>W8NJR<br>WA1ZIC   | <b>1660</b><br>AD4AA<br>IZ6CST<br>LA4WJ<br>ZP5YW                          | <b>1648</b><br>JA6BZA<br>K9EXY<br>N5MT                                   |
| <b>1687</b><br>EC6AAE<br>HB9CQL<br>KU5B<br>N2LQ<br>N3TR<br>R6FFB<br>W6GRV   | <b>1679</b><br>7L1CYC<br>JA4IYL<br>JK7LXU<br>K9SO<br>W3UL        | <b>1667</b><br>4X6UU<br>AE5B<br>EC5A<br>W9RXJ<br>WW8W                        | <b>1659</b><br>AJ8B<br>JA4GXS   | <b>1647</b><br>DL4UCS<br>JA5QAH<br>YV5KTM                                |
| <b>1686</b><br>AG3V<br>F6DAM<br>JA1NRH<br>JA6AVT<br>K6LRN<br>LZ2HM<br>NA4M  | <b>1678</b><br>9K2BM   | <b>1666</b><br>EA4UV<br>F5CT<br>JA1TD<br>JR2PZX<br>K7AWB                     | <b>1658</b><br>DL2JIM<br>VE1JS<br>VR2KW<br>W6FL                           | <b>1646</b><br>HL1AV<br>IZ5EBL<br>N0AMI<br>YO3VU                         |
| <b>1685</b><br>JE2KSM<br>K3XO<br>KE0A<br>KV4AA<br>W1OG                      | <b>1677</b><br>DJ3XG<br>EA7BJ<br>KM4NS                           | <b>1665</b><br>JF3LGC<br>JR4CZM<br>K3MD<br>K9GS<br>SM2EJE<br>UA0SC<br>WA4MME | <b>1657</b><br>SM6AOU   | <b>1645</b><br>IK4HLO<br>R7HF<br>R9JX<br>W9MR                            |
| <b>1684</b><br>N9LJX  | <b>1676</b><br>JE1PHH<br>K2RR<br>PA9M<br>VE1VOX                  | <b>1664</b><br>AD3C<br>DL8SDC<br>IK1MEG<br>WE2N                              | <b>1656</b><br>DK3QM<br>F5BEG<br>N2CQ<br>W0KEU<br>W8BLA                   | <b>1644</b><br>EA4DB<br>JL1WQO<br>KD8F<br>KG5UZ<br>N9YB<br>VE3MM<br>W2PP |
| <b>1683</b><br>N3NR<br>SM5BS<br>VE7SZ<br>W1JA<br>W4JVN<br>WA2UUK            | <b>1675</b><br>IV3AVQ  | <b>1663</b><br>GW4TSG<br>IK0XIH<br>J11MNT<br>K8AO                            | <b>1655</b><br>GW4MVA<br>HB9MEJ<br>JA1HSF<br>NF3R<br>PB2A<br>UA3AKI       | <b>1643</b><br>K4FX<br>KO6KD<br>PY2DV<br>WA4MIT                          |
| <b>1682</b><br>AG4Q<br>K4MIJ<br>WR2K  | <b>1674</b><br>JA1BNL<br>JA7NLW<br>KB1W<br>W1JQ                  | <b>1662</b><br>DL6UNF<br>IK7YTT<br>JR0EQQ<br>N8NB                            | <b>1654</b><br>JE7RJS<br>RN3OA<br>SM4CTT                                  | <b>1642</b><br>DL1EK<br>W1HEO  |
| <b>1681</b><br>JA1JYE<br>JJ0NSL<br>K9MUF<br>N5PG<br>OK1DX<br>RL3AW<br>W4UEF | <b>1673</b><br>EA7DUD<br>HB9DQL<br>N8PCN<br>NU4I<br>W8UQ<br>WT3Q | <b>1661</b><br>K7FEL<br>KF2T<br>RL2A   | <b>1653</b><br>K8ZT/QRP<br>SE2T   | <b>1641</b><br>DJ7JC<br>JA4HXF<br>JA9NUN<br>KC6JAM                       |
|   | <b>1672</b><br>DG5LAC<br>K4WW                                    |  | <b>1652</b><br>GM3WIL<br>JA3AVO<br>K3WI<br>KU4BP<br>N4FY<br>N4ZR<br>VA2IG | <b>1640</b><br>IZ5YHD<br>JA1VRU<br>K6XM<br>N4XXM<br>WA3FRP               |
|   | <b>1671</b><br>AC0X<br>W7QHE                                     |  | <b>1650</b><br>CT1AHU   |  |

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|---|---|---|--|---|
| <b>1639</b><br>JH2GZY<br>JQ1YIW<br>N4FN<br>WA2MBP                           | <b>1630</b><br>JR1CAD<br>K7HC<br>NK7C<br>SP5JXK<br>W5BK   | <b>1622</b><br>EA3ELW<br>JH2BNL<br>KF4NEF<br>NW7M                                       | <b>1613</b><br>JA2ODB<br>K5EWJ<br>K8OD<br>NZ5O<br>W6OUL<br>W7LGG     | <b>1605</b><br>V51YJ<br>WF5E  |
| <b>1638</b><br>KR4BD<br>LU1FAM<br>N9TK                                      | <b>1629</b><br>DL7UIO<br>KW3W<br>OT1A   | <b>1621</b><br>K2SD<br>W6CUA<br>WX2U  | <b>1612</b><br>DH3KM<br>G4FAL<br>JE1CTA<br>KM2E<br>SV2CLJ<br>ZL1HD   | <b>1604</b><br>AA8SW<br>KC8RP<br>N9IO<br>WB5STU                             |
| <b>1637</b><br>AH2O<br>DK3BK<br>JA9RT<br>NA3F                               | <b>1628</b><br>N4MEC<br>N8GP<br>NW4M<br>SV1BYI<br>VE1RGB  | <b>1620</b><br>9A6ST<br>I7LGM<br>KC9FFV<br>SM5OJH<br>VE1JF<br>W7YW<br>WB4DNL            | <b>1611</b><br>EA5AR<br>G4FTC<br>IV3TMV<br>JA1PCM<br>JN1NOP<br>W2UDT | <b>1603</b><br>K3WGR<br>K6KZM<br>W5NUT<br>WT2P                              |
| <b>1636</b><br>G3YBO<br>RN6AJ   | <b>1627</b><br>EA4EPY<br>IW9HII<br>K2QB<br>KF9UG<br>N8AGU<br>W0ZS                               | <b>1619</b><br>I4JED<br>ND7J<br>ON6YH<br>W0SD   | <b>1610</b><br>JA1GVT<br>JN1XNI<br>N7VPN<br>OE1PMU<br>W2GFF          | <b>1602</b><br>HB9BNQ<br>K0SRL<br>K1LEC<br>K3VAR<br>K4OCE<br>K5HK<br>VR2XYL |
| <b>1635</b><br>AA4A<br>JA1DCK<br>YP3A                                       | <b>1626</b><br>W2RA<br>W4AG<br>WB8BZK   | <b>1618</b><br>AD4Z<br>KF4MH<br>UA0FDX<br>W5LO<br>W8WVM                                 | <b>1609</b><br>IW5AB<br>JA1CCO<br>WJ2R                               | <b>1601</b><br>JE0ART<br>KY9KYO<br>SP4K<br>W4WT<br>YL2TD                    |
| <b>1634</b><br>CT1BOY<br>F6GCP<br>JA7MYQ<br>JM1JIV<br>K3LR<br>N7RD<br>US8UA | <b>1625</b><br>I2EAY<br>JA4SSM<br>RV4LC<br>W3OOU  | <b>1617</b><br>JG3KLF<br>JR0QFA<br>JR7XOD<br>K0CF<br>KC2SST<br>KM8AM<br>OZ3SM<br>WB2HJV | <b>1608</b><br>EA5K<br>I0KDF<br>JA2CUS<br>KU2C<br>R3IS<br>W5ZE       | <b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>VU2CDP<br>W4QK<br>W6BCQ<br>WA1EHK |
| <b>1633</b><br>KI6X<br>RA6AAW<br>RW9SG<br>VE3IQ<br>W7JW                     | <b>1624</b><br>HB9DVO<br>HB9DVZ<br>JR1WYW<br>K8YE<br>N8WRL<br>TF4M<br>UA9CNX<br>VR2CH<br>WA5NOM | <b>1616</b><br>I5FLN<br>JJ2VLY  |  | <b>1599</b><br>KO8SCA<br>W0QC<br>W4MA                                       |
| <b>1632</b><br>AA3TH<br>K4GO<br>KN7Y<br>S51MA<br>WF4G                       | <b>1623</b><br>AC5AA<br>IK2QEI<br>K1AJ<br>K5IB<br>W1OK<br>W7CP                                  | <b>1615</b><br>J11HNC<br>W7IUO  | <b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAZ<br>WB6BFG          | <b>1598</b><br>CT1ELC<br>IV3FFI<br>K18L<br>N4XX<br>W7TUS                    |
| <b>1631</b><br>I5XFD<br>K6UNE<br>K7CMR<br>N0YY<br>PT7DX<br>SM5BNK<br>SP5UAF |   | <b>1614</b><br>LX1CW<br>OK2ZA<br>UA4PK<br>W5WLA   | <b>1606</b><br>JJ1PFC<br>K3KY<br>VE3YXO<br>W7VS                      | <b>1597</b><br>I8MTQ<br>K3IE<br>W5RYA                                       |

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| XE2MX   | <b>1587</b><br>JA9ESZ<br>JG1OWV<br>JG3RWX<br>NU4E<br>RO7T<br>VE1HQ                           | F5LIW<br>JH8OCV<br>OE6CLD<br>W1FA<br>WA6POZ   | <b>1572</b><br>JM3GXU<br>VU2IBI   | LZ2XF<br>W9QO   |
| <b>1596</b><br>K9ARZ<br>N8DUY<br>N9JCS<br>W6KGP<br>YO9BXE<br>YO9FQT | <b>1586</b><br>IZ8EKL<br>JE7ETY<br>K4GK<br>KK9M<br>W7TSQ                                     | <b>1579</b><br>KE6V<br>NA1DX<br>NP3CW<br>W9BS   | <b>1571</b><br>G4DYC<br>HL5FBT<br>JJ3FRB<br>XE1R                              | <b>1562</b><br>YB0NFL   |
| <b>1595</b><br>DK5HZ<br>WA6EZV                                      | <b>1585</b><br>7M2PDT<br>JF3SFU<br>K9QJ<br>KE4SCY<br>KN4JX<br>WD8KND                         | <b>1578</b><br>JH1AQN<br>K4QD<br>K7LY<br>KB5UNX   | <b>1570</b><br>N7GCO<br>W9HP  | <b>1561</b><br>E73W<br>JL1VAL<br>K9CJM<br>W8JA<br>XE1YD                     |
| <b>1594</b><br>E74A<br>JH7VTE<br>JJ6WZS<br>KD0AA<br>KN4PPD<br>SK0QO | <b>1584</b><br>JR0AMD<br>JR4LZX<br>N6WT<br>VR2MY<br>ZS2Y                                     | <b>1577</b><br>JA4ICR<br>JL1ELQ<br>K8DE<br>W6HDG<br>WS9W<br>YV5AM                         | <b>1569</b><br>AC9O<br>K6BZS<br>SP5LKJ<br>UA1TAN                              | <b>1560</b><br>KG6D<br>ND1Y<br>UA1CKC                                       |
| <b>1593</b><br>HB9AAA<br>K3GW                                       | <b>1583</b><br>JI2KUJ<br>K1OT<br>K4WFM<br>KJ5PQ<br>N6DHZ                                     | <b>1576</b><br>JA8ECS<br>K1FT<br>K2ZD<br>K7CU<br>N1LID<br>W5WI                            | <b>1568</b><br>DL6DQW<br>JA0CVC<br>JR7ILA<br>LA2IR<br>W0BBI<br>W3OU<br>YO3GOD | <b>1559</b><br>JG1LFR<br>N0OK<br>ON4ACG                                     |
| <b>1592</b><br>DL5RDI<br>KU2A<br>VE7CV<br>VR2XLN                    | <b>1582</b><br>F4GVO<br>JA3EEM<br>LU2BA<br>N0KK<br>NY4I<br>SM5FQQ<br>SP3AU<br>W4UFO<br>Z32ZM | <b>1575</b><br>AC9S<br>DD3KF<br>JA1NQU<br>K0PC<br>K7LFY<br>UR4CWQ                         | <b>1567</b><br>DK5JI<br>F6DHI<br>IS0MVE<br>VU2LBW                             | <b>1558</b><br>K1ZJA<br>K2WJ<br>KI4TZ<br>N6VS<br>N8IL                       |
| <b>1591</b><br>JF1WQC<br>UT5URW<br>W5VU                             | <b>1581</b><br>HA2NA<br>JR4VMS<br>KJ9X<br>WF8R   | <b>1574</b><br>AB0RX<br>JA1XUY<br>ON6KE<br>RU3A<br>SV8LMQ<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ | <b>1566</b><br>E77S<br>IK8YFU<br>JL6USD<br>N4MI                               | <b>1557</b><br>7M4CLF<br>VK3KE<br>W1JGS<br>YV5KAJ                           |
| <b>1590</b><br>JR3TOE<br>K4KL<br>SM5HJZ<br>W8MIL<br>WB7QXU          | <b>1588</b><br>ER0FEO<br>FM5CD<br>KE3X<br>N3ZOM<br>N9MR                                      | <b>1573</b><br>DL2HRT<br>WA3GNW   | <b>1565</b><br>JR3XUH<br>KE1B<br>W0FG   | <b>1556</b><br>JJ2KDZ<br>KK8MM<br>N7TM<br>R3DL<br>RA3M<br>WJ3A              |
| <b>1589</b><br>F6FYD<br>IZ4AIB<br>JA2HNP<br>KE9U<br>KZ7N            | <b>1580</b><br>AA3AZ<br>AA6RE  |   | <b>1564</b><br>EA5HM<br>IK4TVP<br>JK1WSH<br>K4MV<br>N6RFM<br>UT6UA            | <b>1555</b><br>EA4D<br>IK7HDY<br>IZ0ADG<br>JL1OEC<br>KA6A<br>KK7YC<br>VK3TC |
| <b>1588</b><br>ER0FEO<br>FM5CD<br>KE3X<br>N3ZOM<br>N9MR             |  |   | <b>1563</b><br>IV3BSF<br>JM2QWQ   | <b>1554</b><br>AA6K<br>DL4MM<br>KE9S  |

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| <b>1553</b><br>AK5Q<br>HB9VAB<br>HL3ERJ<br>I8KHC<br>JP1SRG<br>JR1AIB<br>KE4BKL<br>SV2BXA<br>SV3KH<br>W4CSW | JH2AYB<br>JR1JGA<br>K6QU<br>N7OJ<br>WA3GFM  | W2DEN  | <b>1532</b><br>HB9HBZ<br>HK3CW<br>K8ROK<br>OK1FMX<br>UT2AB                      | W8VI  |
| <b>1552</b><br>JA1MLY<br>JH8JYV<br>M0VAA<br>NE0DX<br>RA9SC<br>WN7J<br>WQ7B<br>ZL3TE                        | <b>1546</b><br>G8BCG<br>JE1LPZ<br>JK1MZT<br>OZ2RH   | <b>1539</b><br>HL4CBX<br>HL4XM<br>N5ID<br>OH1WR<br>OZ1RE<br>PY2RN<br>VE2BWL                | <b>1531</b><br>DL5AVJ<br>VE7XT<br>WS4C  | <b>1524</b><br>DJ7WG<br>DL5KUT<br>K0IL<br>K2CS<br>K6FM<br>LY3BY<br>N9LEO<br>NV4A<br>W3KHZ<br>W8WM<br>WA2BOT<br>WR7Q |
| <b>1551</b><br>JA0NPQ<br>JA6GXP<br>KD4POJ<br>LU4FW<br>RD9U   | <b>1545</b><br>EA4DUT<br>I2DMI<br>NU2Q<br>VE1SK<br>WP3R   | <b>1538</b><br>JA4RED<br>JA6ENL<br>K2JL  | <b>1530</b><br>5T5PA<br>AA4UC<br>JA1DFK<br>K7CMZ<br>W3WST<br>W7BEB<br>W7BQ      | <b>1523</b><br>EA3ESZ<br>HK1X<br>IK0CHU<br>N9DD   |
| <b>1550</b><br>JA8RRF<br>JQ2QHJ<br>N6EM<br>W9LN<br>WA4USA  | <b>1544</b><br>7L4VYK<br>IZ6ERS<br>JA2ACI<br>JR3VMJ<br>KC4HW<br>KD4SN<br>N6NR<br>PY6HD          | <b>1537</b><br>JH1RVQ<br>KD3HN<br>KE7W<br>N7TR<br>RZ3EM<br>VE3OTL<br>W4OV<br>W6DCK<br>WW1V | <b>1529</b><br>EA1P<br>I1CMA<br>J68HZ<br>JL3JRY<br>K4MY<br>S59SV                | <b>1522</b><br>CT7AUP<br>DL2RD<br>DL8DXF<br>G1VDP<br>JH3KAI<br>K0LB<br>KP3AH<br>NR0P<br>UA9LAO<br>W5RZ<br>WB2ZAB    |
| <b>1549</b><br>AC6BW<br>DL3NSM<br>IK7AGT<br>K1CBK<br>K5AC<br>K8LO<br>PY4AZ<br>W9WO                         | <b>1543</b><br>N5CQ<br>RZ6DX<br>SM5ACQ<br>UA6J<br>VE6BMX  | <b>1536</b><br>DL5ZB<br>EA5GHD<br>IK4FNF<br>K4CGY<br>OK4YL<br>W5FPT<br>W9KVR               | <b>1528</b><br>DS3EXX<br>OE3JAG<br>SP9TPZ                                       | <b>1521</b><br>SM6VR<br>WA5UA   |
| <b>1548</b><br>JG2CNZ<br>K0COM<br>K4AV<br>K6ZP<br>N2ZN<br>SP7QHR<br>W5MO                                   | <b>1542</b><br>JD1AMA<br>JL3DGI<br>MW0CBC<br>OH2LHE<br>W2GB                                     | <b>1535</b><br>IZ0CKJ<br>K0IS<br>UR5WIF<br>W4UDH<br>WA8A                                   | <b>1527</b><br>K1EO<br>N3AO<br>R7LP<br>W1ASB<br>WX0Z                            | <b>1520</b><br>DL2CC<br>GU4YOX<br>KY5I<br>N6WIN<br>SP3EPG<br>WA3WZR   |
| <b>1547</b><br>JA9APM  | <b>1541</b><br>IK2RGT<br>IK4YCC<br>JA1XPH<br>JF1MTV<br>JG1ULT<br>K5RKS<br>N6VNI<br>W4NE<br>W8BI | <b>1534</b><br>DF2WF<br>DJ2VO<br>JF1AGB<br>K2OP<br>VA2LM<br>W6JZ                           | <b>1526</b><br>DS2BGV<br>G4DXW<br>JH1CML<br>K8JJC<br>LA7EIA<br>OE5TXF<br>UA9AGX | <b>1519</b><br>AA4FU<br>G4AYU<br>K7DSE<br>ND4DX<br>NZ6E<br>UY2UZ<br>WA8CDU<br>WB4SON<br>YO9BLY                      |
|  | <b>1540</b><br>IW7EBE<br>OZ1BXG   | <b>1533</b><br>9A0W<br>IQ2VA<br>JH2KXN<br>KI7AO<br>KZ5DX                                   | <b>1525</b><br>EW2DZ<br>G7SSE<br>JF2ICB<br>KE8G<br>OM2DX<br>UT3UX               |   |

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|---|---|--|--|---|
| <b>1518</b><br>AA5N<br>HK6K<br>JG1BKX<br>JI1VVB<br>JK1UVP<br>K4HQK<br>RK9UN<br>WA4NUF                               | HB9FBM<br>JH6WMJ<br>NV1Q<br>RA9LT<br>UW2XW<br>VE7VF<br>W1ZS<br>W5FL<br>W6GJB<br>W6ZO<br>W7FI<br>WA2MCR                  | N0VVV<br>SV1XV<br>W0ELT<br>W4NBS<br>WB4KTF   | HB9AGO<br>HL2DBP<br>K2SHA<br>KC9K<br>KJ4YLO<br>KU1T<br>NK5B<br>NR2C<br>ON5GQ<br>R0QA<br>R2DO<br>UA1OM<br>W5DXQ<br>W8PI<br>WA9BZW<br>WB9PNU<br>YB0MWM   | K4IE<br>K5LY<br>KF6A<br>N7ZA<br>SM5APS<br>VE6TL   |
| <b>1517</b><br>JA8EJZ<br>JE3MDQ<br>K4PKM<br>W0ANZ   | <b>1511</b><br>AD4ES<br>DK8UH<br>JA5JGY<br>JA9RBZ<br>JP1GUW<br>KL7TS<br>N1PM<br>UU7JM                                   | <b>1506</b><br>CE3FZ<br>CT1ESO<br>I2YPY<br>K5DV<br>N6DNU<br>W5SUM<br>WR2G                            | <b>1498</b><br>K4AU<br>KA2CYN<br>ON4LG   | <b>1497</b><br>JR2IMJ<br>K5YG<br>K8LY             |
| <b>1516</b><br>DJ6TF<br>EA5KA<br>G4RGK<br>K0AU<br>VE1DUN<br>WB1DX   | <b>1510</b><br>F1RAF<br>N9CO<br>W3TI<br>ZS1DX   | <b>1505</b><br>DM3PYA<br>JH3PAS<br>KF2OG<br>KT4AC<br>WA3PTF<br>WK9U<br>ZS1C                          | <b>1500</b><br>AA4US<br>AE4AN<br>DF8FT<br>IZ0MYH<br>JF2SQB<br>K1KI<br>K1VI<br>K4RDU<br>K5DB<br>K5VR<br>N2KI<br>N5VYS<br>N5XJ<br>N7QU<br>NU0C<br>OH3FVP<br>OK8DD<br>R5AK<br>SM0HEV<br>UT2VC<br>VA7QI<br>VE6SH<br>W0PE<br>W2PA<br>W9PDS<br>WA0JZK<br>WI7P<br>WJ0T<br>WO5I<br>WV8DX<br>WY7FD<br>YB1RUS<br>YB1TQL<br>YL2BR<br>YO8CRU | <b>1496</b><br>E73M<br>JA8FKO<br>JH1LAH<br>SM2OTU |
| <b>1515</b><br>9A3MA<br>CU7MD<br>DL1MDZ<br>IK1DFH<br>JG6MQI<br>N1ZJ<br>W1XV<br>WA0WWW<br>WB1AEL                     | <b>1509</b><br>JE4FNC<br>K0VM<br>KB8GAE<br>KG5VK<br>N2YBB<br>NJ7G<br>R3BM<br>UA9MC<br>W1MJB<br>W4REX<br>YB2TS<br>YU3MAY | <b>1504</b><br>DL9DRA<br>GM0VRP<br>KW4J<br>W3BNN<br>W4UAT<br>W6ZQ                                    | <b>1495</b><br>ON7DR<br>W8LR   | <b>1494</b><br>G4AFU<br>KI4TWA<br>XE2YWH          |
| <b>1514</b><br>HB9ERU<br>KJ4R<br>M0TTB  | <b>1503</b><br>G3XLF<br>JQ1EST<br>K8MN<br>LZ3CB<br>PT2ADM<br>SQ7FPH<br>UT7EC<br>WB0OQV                                  | <b>1502</b><br>JA4MMO<br>JH7IQQ<br>K6JJ<br>K9LCR<br>KB5HC<br>KF1C<br>KN7K<br>VU2DCC<br>WK8A<br>YB4IR | <b>1493</b><br>JA3CMD<br>M0URX<br>W4AEJ  | <b>1492</b><br>JA2QVP<br>K5NOF<br>W1GF<br>WW8RT   |
| <b>1513</b><br>AB1J<br>AG1I<br>DL6DCD<br>JA7BAL<br>K8EB<br>KA5V<br>N9CDX<br>R7IA<br>UA3DK<br>VE4EA<br>VE7UF<br>WQ1H | <b>1508</b><br>DL0WW<br>IK4DCX<br>IU8IYE<br>IW7DVM<br>K5QR<br>N3PS<br>N4NR<br>NN6K<br>WV4V<br>YL2EC                     | <b>1501</b><br>DL7UGO<br>F5UKW   | <b>1491</b><br>DK3PZ<br>I8NHJ<br>JG2LGM<br>K0JN<br>XE1ILI  | <b>1490</b><br>JA6HUG<br>JE1NVD<br>VE3QAA<br>W4PG |
| <b>1512</b><br>CU7AA<br>EI8GS   | <b>1507</b><br>IN3EQZ   |  | <b>1499</b><br>JJ1OKK  |   |

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|---|---|--|---|---|
| <b>1489</b><br>F9CI<br>IZ0COK<br>JR2BJE<br>N5OHL<br>N6YEU<br>PT7YV<br>W0JMP<br>W1LY | <b>1481</b><br>DL4FCJ<br>SM0NUE<br>W2TX<br>WB1ASL<br><br><b>1480</b><br>K0XN<br>K8ZH<br>W4UW<br>ZL3PAH<br><br><b>1479</b><br>EI1DG<br>JJ1KXB<br>VA3AYA<br>VE3UTT<br>W0YK<br>WA3SKQ<br>YL2CZ<br><br><b>1478</b><br>A71AM<br>PY2OP<br><br><b>1477</b><br>W0IKD<br><br><b>1476</b><br>JK1EBA<br>LA4YGA<br>N2BI<br><br><b>1475</b><br>G0SYP<br>JI1UHZ<br>K7QBO<br>LX2SM<br><br><b>1474</b><br>AA5TL<br>IW2ETR<br>KX7DX<br>W2GDJ<br><br><b>1473</b><br>DL0AVH<br>K0BRO<br>KT8O<br>LX1KC<br>NX4TT<br>W9NJY<br><br><b>1472</b><br>CT1BOH<br>JH1APZ<br>LU2DSL | N6AWD<br>W4WG<br><br><b>1471</b><br>4X4JU<br>DL4FDM<br>DM5JBN<br>EI4BZ<br>WB4VAM<br><br><b>1470</b><br>IZ8DUD<br>K8GT<br>KF0RQ<br>NU4B<br>W1LE<br>WS1F<br><br><b>1469</b><br>HB9CYV<br>JM1ESG<br>K8AJK<br>K9DY<br>KE5BR<br>SM6WET<br>XE1MW<br><br><b>1468</b><br>DC8TS<br>DL5CT<br>N9LQ<br>W4DTA<br>WA7HQD<br>WD6T<br><br><b>1467</b><br>K8LN<br><br><b>1466</b><br>EI4CF<br>JA3MIO<br>N9OY<br>UA7T<br><br><b>1465</b><br>AB9M<br>K5YU<br>K7VC<br>KC4HN<br>N4UFP<br>N4WE<br>YB2MM<br><br><b>1463</b><br>IW0AFS<br>W1FC<br>WB0ULX | <b>1462</b><br>AL7LO<br>DJ1OJ<br>JG1LRE<br>NG0G<br>VA3HP<br>WB3BFC<br><br><b>1461</b><br>IZ0FUW<br>JA7GAP<br>K6KR<br>KN9P<br><br><b>1459</b><br>HA5UK<br>K8JRK<br>N4MIK<br>S50U<br>W0VHF<br><br><b>1457</b><br>HB9HVG<br>IK5EKB<br>PY3VB<br><br><b>1456</b><br>LU2AH<br>PB9FN<br>W1EBM<br>W5MF<br>W5RDW<br>W7VAS<br><br><b>1455</b><br>AK6A<br>ES1FB<br>JH1XXB<br>K2KIB<br>UT5IP<br>YO3GJC<br><br><b>1454</b><br>JA1NLX<br>JA1UPT<br>W3IZ<br><br><b>1453</b><br>D2UY<br>G0MTN<br>KD2SC<br>WA4TII<br><br><b>1452</b><br>EC7B<br>KB4CRT<br>KB7V | W2SKI<br><br><b>1451</b><br>AK7O<br>JA2XLV<br>JR3ADB<br>K4IA<br>KU9S<br>LA3PK<br><br><b>1450</b><br>DJ5DT<br>JA2BUR<br>K2QMF<br>K5OVC<br>KI2D<br>KT8D<br>W4TUN<br>W6FEL<br><br><b>1449</b><br>DM5EM<br>KP4DS<br>KQ5M<br><br><b>1448</b><br>HB9GWJ<br><br><b>1447</b><br>AF3X<br>IK0WMJ<br>JA1PVX<br>K9KDS<br>W5SWV<br>WA3GM<br>WM4AA<br><br><b>1446</b><br>DS4NPL<br>JA1BON<br>JA8ANQ<br>K0QC<br>K3SF<br>KH6U<br>N9HF<br>YO9IKW<br><br><b>1445</b><br>EA1PP<br>KJ4UZU<br>NJ5N<br>OZ9XU<br><br><b>1444</b><br>DL2MIH<br>JA0BOV<br>JR4ABB |
|---|---|--|---|---|

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| K1KNJ       | KT4O        | WT9U        | JH6WHN      | JA6XE       |
| K3DFL       | NY4G        |             | JR6DM       | JH7WQX      |
| KW1DX       |             | <b>1426</b> | LA9PJA      | W5SJ        |
| N3AE        | <b>1435</b> | 9H1EJ       | N7KDT       |             |
| W4QG        | A92IO       | JH1XFR      | W6SHY       | <b>1407</b> |
| W6SIY       | IK5ZUK      | M0HIH       |             | K3ATO       |
|             | JK1JAS      | SM4GVR      | <b>1418</b> | N3WD        |
| <b>1443</b> | K1WO        | WA5KBH      | TG9AJR      |             |
| N5DT        | VE3FRR      |             | W5GJ        | <b>1406</b> |
| PV8DX       | W3WH        | <b>1425</b> |             | I0EKY       |
| W8TM        | W4GF        | DL6NW       | <b>1417</b> | KB0V        |
|             |             | HK4EI       | DL4ZAB      | KN7D        |
| <b>1442</b> | <b>1434</b> | JA3BKP      | NX9T        | N4VN        |
| EA1AZ       | CU3BL       | JH3PRR      | PY3SB       | N5TF        |
| K3VPZ       | JH8WXF      | JO3WHB      | W8HB        | NO0B        |
| K4NC        | KE1R        | K0XR        |             | W6DPD       |
| KO4PY       | N4ST        | UA9FFV      | <b>1416</b> |             |
| KP4N        | OZ6EI       | W2EQ        | AA9D        | <b>1405</b> |
| NN6L        | TF3JB       |             | JL3OUW      | AF4CD       |
| SP7UWL      | WC2C        | <b>1424</b> | JM1JZN      | F5IYJ       |
| WA8RCK      |             | A61BK       |             | K6XJ        |
| WT1L        | <b>1433</b> | G3PSM       | <b>1415</b> | LB5GI       |
|             | JA6SRB      | JA1ERB      | AC2G        | N1WON       |
| <b>1441</b> | K1OYQ       | N9LF        | VK2AAH      |             |
| DL2VFR      | K3MM        | <b>1423</b> |             | <b>1404</b> |
| K3HW        | K7ORK       | AA1M        | <b>1414</b> | AB6CF       |
| NC2Y        | W4HOG       | IK0ZIO      | JH5RXS      | JH8KIY      |
| UR4QFP      | W6OPO       | K4MQM       | W4AXL       | RN3QO       |
|             |             | N1BZ        |             |             |
| <b>1440</b> | <b>1432</b> | N3FG        | <b>1413</b> | <b>1403</b> |
| CT1DSV      | PS8ACL      | N4NQ        | DL6NDW      | 9H1AE       |
| JA8BOV      |             | W5AP        | IK0TUM      | AJ4F        |
| NE5S        | <b>1431</b> |             | JA5XPD      | DL5KW       |
|             | K5OO        | <b>1422</b> | LU3VA       | JR1TNE      |
| <b>1439</b> | K8MVZ       | I4ACO       | N6XT        |             |
| DL1VDL      | W4AO        | KB4CL       | RX3BP       | <b>1402</b> |
| JE3PCP      |             | KM2O        | WA2VQV      | 5Q2J        |
| KJ6Y        | <b>1429</b> | W9SE        | WB5ZAM      | IZ5EKW      |
| N2XQM       | AA4ZK       |             |             | NY1V        |
| W5LUA       | CT7AUK      | <b>1421</b> | <b>1412</b> | UA0SE       |
| XE1EE       | EA7AN       | CT1ETE      | K7PO        | W5FK        |
|             | JJ1LID      | CT1IW       | WN9O        |             |
| <b>1438</b> | OZ2ABI      | DJ4KW       |             | <b>1401</b> |
| DF1IR       | TA1L        | DL1USB      | <b>1411</b> | JA1DXA      |
| JA3IWB      | W4HGW       | HB9DQD      | AI9U        | JP3OIK      |
| K1TKL       | W4WJ        | JA3AYU      |             | K0LU        |
| WW5G        |             | K0IO        | <b>1410</b> | W4LEW       |
|             | <b>1428</b> | N0TK        | VU3CAU      |             |
| <b>1437</b> | DL9MEN      |             |             | <b>1400</b> |
| AD7L        | N3HBX       | <b>1420</b> | <b>1409</b> | KM7DX       |
| G4PVM       |             | KM2L        | K4SAF       | KP4AA       |
| TF3Y        | <b>1427</b> | ON4CN       | W1PR        | OE1HHB      |
| VE3BZ       | EA2AA       | UN7BY       | W5KFT       | W7NP        |
| W0ZR        | JF2SKV      |             |             |             |
|             | KF9AF       | <b>1419</b> | <b>1408</b> | <b>1399</b> |
| <b>1436</b> | W9UM        | A92AA       | EA2AGV      | F5AQB       |
| KK4CLY      | WC1M        |             | G3VQO       | JR4VEV      |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| N2ED        | K2HT        | JA2JID      | OV5O        | <b>1366</b> |
| N4UA        | K7VV        | K4DET       |             | HB9BEM      |
| N9RD        | N1EK        | N7TP        | <b>1374</b> | JA2KQE      |
| NA8W        | N15G        | NU1T        | AA2DT       | K8GWU       |
| ON4EB       | SP5GQX      | OE1JIS      | DJ9SO       | PY2HH       |
| WH7W        | VK2GR       | OZ7AM       | NI7F        |             |
| WZ8P        | W7AJ        |             | W0MS        | <b>1365</b> |
| <b>1398</b> | WB8FIW      | <b>1382</b> |             | G3KAF       |
| HL1VAU      | WX8C        | E73D        | <b>1373</b> | HA5OLA      |
| K0SQ        | <b>1390</b> | NR4M        | K1TWF       | HB9ODP      |
| KC2STA      | DM3CW       | ON8VM       | W2PS        | N2FY        |
| NW7US       | JL1BDI      | W0RXL       | W4TNX       |             |
| <b>1397</b> | K4TR        | <b>1381</b> | <b>1372</b> | <b>1364</b> |
| HB9BMY      | N8II        | DK3TL       | AC4BT       | DL1QQ       |
| JR2PAU      | WB1S        | F4WDL       | OE6VHF      | G4ZWY       |
| WI4T        | <b>1389</b> | K7WE        | WB8IZM      | JA1UOA      |
|             | DL6KWU      | KK4XL       | XE2B        | JA2CGH      |
| <b>1396</b> | I5YDO       | <b>1380</b> | <b>1371</b> | K1LTJ       |
| DJ8WD       | K5LC        | KB9LIE      | E70A        | N3KR        |
| IK1ZOF      | K7JH        | N5XE        | EI5KO       | W7PAQ       |
| NG6R        | N0TR        |             | HB9ESS      | W9GE        |
| YO6HOY      | PP7LL       | <b>1379</b> | JH8LEY      | WA8LOW      |
|             | <b>1388</b> | I5GKS       | JJ1BDX      | <b>1363</b> |
| <b>1395</b> | CT7ANG      | JA1PBV      | K3JWI       | 9A3NM       |
| IU0ICA      | <b>1387</b> | JA8EKU      | K4JPD       | K6EGF       |
| JG2TSL      | JF1KML      | K6UXO       | K4RW        | NX1P        |
| JH3HTD      | W5EC        | N0IW        | K6JW        | TA1AL       |
| JI8XLD      | <b>1386</b> | N5HC        | K8WHA       | <b>1362</b> |
| K2DH        | DL2VWR      | ZL2CC       | N2DXJ       | DL2TOS      |
| KS4V        | JI3KHV      | <b>1378</b> | SM2LKW      | JA1TOU      |
| VA3IC       | KE4FW       | UA1CEI      | VE3TKI      | K3SUI       |
| W7KW        | W0SHL       | <b>1377</b> | WB8EJN      | PT7CB       |
| <b>1394</b> | W1GY        | EA4TX       | <b>1370</b> | R3BB        |
| PY2DY       | <b>1385</b> | PV8ABC      | KP3V        | UR9IDX      |
| W1DAR       | 8P6SH       | PY2CP       | <b>1369</b> | W4RQ        |
| WW7Q        | JH1DSF      | S59DJK      | I0NUM       | <b>1361</b> |
| <b>1393</b> | K8WVA       | W4DN        | IW5EIJ      | KM4A        |
| KC5PL       | KG4JSZ      | W4PRO       | K1ROA       | TA6N        |
| NB3R        | N4QM        | <b>1376</b> | W4PGM       | <b>1360</b> |
| RL3BZ       | WB4CW       | EA2BFM      | <b>1368</b> | 4Z5IW       |
| <b>1392</b> | <b>1384</b> | GI4OWA      | N4LV        | HB9HIT      |
| EA1BLA      | IK6ZDC      | JA2LHG      | NM1G        | JA6FEG      |
| KA1CRP      | JK1LUY      | N0YO        | PA5A        | JI1QIO      |
| KB1DMX      | KM4HQE      | NA2R        | SM0EUI      | RU3UR       |
| VE3CX       | RW3SU       | ND7K        | W1GQ        | <b>1359</b> |
| WQ8T        | SV1IXK      | ON6ZV       | <b>1367</b> | OD5YA       |
| YB3MM       | UN7BK       | RA3CO       | G3VAO       | WA1NXC      |
| ZS6IR       | <b>1383</b> | <b>1375</b> | K0FF        | <b>1358</b> |
| <b>1391</b> | F5EOT       | IZ7GXB      | KB9AIT      | EA8TK       |
| IW9DNI      |             | JA7SFD      | SV2DSJ      |             |
| JA4FKO      |             | KD2GC       | W6ZPL       |             |



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| <b>1357</b><br>AB6Z<br>CE3BT<br>IK6RFQ<br>JA1VRY<br>K5CQT<br>KC4GL<br>W9ZT                              | K0QB<br>K5EWS<br>W4ATL  | <b>1342</b><br>AA8M<br>DK8FS<br>HK6P<br>IK0PRG<br>JA0JPD<br>JF1JTQ<br>VA3VET<br>VK2HV<br>W6VNR<br>WB2GOK<br>WD9Q | <b>1335</b><br>DM1HR<br>NC4MM<br>OH6OK<br>SV1CIB<br>WY4I   | <b>1328</b><br>F5NTV<br>SP3CMA  |
| <b>1356</b><br>IK3GBG<br>K5HTE<br>K9SUH   | <b>1349</b><br>EI5JL<br>K2QL<br>N3AF<br>W4QNW   | <b>1341</b><br>CU2AF<br>I2KBD<br>JA7QQQ<br>JS2GFA<br>R9HBF<br>W4UT<br>WD8LTM                                     | <b>1334</b><br>JH1OVY<br>K7RR<br>SM7DXQ<br>W5TFW<br>W5WS<br>YB0DJ  | <b>1327</b><br>BX5AA<br>DG1NPM<br>JA1PUK<br>K8MRT<br>N7UJJ<br>UA0APV<br>W0IJN<br>WR5Y |
| <b>1355</b><br>HA5KFV<br>HL3EHK<br>K8EJ<br>KI7HO<br>WA6URY<br>WB2KSP                                    | <b>1348</b><br>AA7UN<br>AK3E<br>JA1ITJ  | <b>1340</b><br>GM4YMM<br>HB9JNM<br>IK5LSQ<br>JJ2PIK<br>KB0EL<br>N6VH   | <b>1333</b><br>IZ0GVZ<br>K5GM<br>KY4G<br>ND6S<br>S57A<br>YO3HOT  | <b>1326</b><br>JE7JZT<br>N0RR<br>NN5E<br>W3TC   |
| <b>1354</b><br>AA8KY<br>DJ8SN<br>F5MZE<br>I1PLX<br>IT9JPS<br>IZ2EIH<br>W4DCY<br>W4WX<br>W8SET<br>WA5TXY | <b>1347</b><br>GW0ANA<br>IK2GOQ<br>JR0RBY<br>K3BZ<br>K6ME<br>K7CO<br>K8VD             | <b>1339</b><br>HB9PUE<br>IK1NLZ<br>K1OR<br>KM5VI<br>KP4DKE   | <b>1332</b><br>DJ6BN<br>JG3WJN<br>JH1HRJ<br>K4KAL<br>KA3GWD<br>NA5S<br>W8PAT                                       | <b>1325</b><br>OE1TKW<br>SM1NJC<br>SM5AKS<br>W3NRJ                                    |
| <b>1353</b><br>3A2MW<br>HB9EXQ<br>HB9IJC<br>JQ1PCX<br>KG8CW<br>W3DVY                                    | <b>1346</b><br>EA3NY<br>JA6JPS<br>K5DCW<br>VU2ABS                                     | <b>1338</b><br>HA7GN<br>IT9IPQ<br>SM2HWG<br>WE8L   | <b>1331</b><br>AC0B<br>G4DDL<br>JA3KWZ<br>JL1BTJ<br>RA3SD<br>RW4WD<br>WZ4RC<br>YB0AZ                               | <b>1324</b><br>K4MIL<br>KI7M<br>SM7BHM<br>SP6OUQ<br>W4WN<br>WW1L                      |
| <b>1352</b><br>JI0VIF<br>K2CDJ<br>KA3CRC<br>NC4AA<br>S57AL<br>WS4H                                      | <b>1345</b><br>JG1IEF<br>R7FF<br>SP5DL<br>W7XZ<br>ZL2AO                               | <b>1337</b><br>G4NBS<br>IK0CNA<br>K6DJ<br>KD4OS<br>KF8PD<br>KG4USN   | <b>1330</b><br>DL3ANK<br>EA4S<br>JR2ATZ<br>K3LA<br>OH3TY<br>WA9JOQ   | <b>1323</b><br>IW4CIL   |
| <b>1350</b><br>AG6HE<br>EI2HY<br>EW4A<br>IK2HDF<br>JA0NFP<br>JI1CYX                                     | <b>1344</b><br>IZ3GOO<br>JA3BG<br>K9HQM<br>LU2JCW<br>N5KA<br>N5VR<br>PY2ADR<br>WA8VSJ | <b>1336</b><br>AB5YI<br>VU3WEW<br>W3DQS<br>W8VK  | <b>1322</b><br>DL6KVA<br>G6NHU<br>IT9CMU<br>IZ4VSD<br>JA1BWA<br>JA9FO<br>JG1BOK<br>JI1QZQ<br>NR0T<br>W4DVG<br>W5JE | <b>1321</b><br>DJ5EY<br>HB9FAI<br>K4LQ<br>K4NST<br>K7EKD<br>K7PT                      |

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|---|---|--|--|---|
| KE4KMG<br>R3QX  | <b>1313</b><br>AG5CN<br>JA1DCO<br>K4ZA<br>KP3R<br>NF7D<br>TF8GX                               | K1TZQ<br>W2FB<br>W5UQ  | <b>1298</b><br>CT3BD<br>K2CYS<br>N2SG<br>N9OF<br>UA3GT<br>YB1AYO                       | W9MAK<br>WA7HR  |
| <b>1320</b><br>AF6PK<br>DH4JQ<br>JA1FVS<br>JA2DLM<br>JG1JPE<br>K3JM<br>PY8WW<br>W1RG<br>W6BBS | <b>1312</b><br>AD0TR<br>NS7K<br>W4PV  | <b>1305</b><br>AA6PI<br>K0TV<br>K5TU<br>W0GN<br>WD0EVR   | <b>1297</b><br>AB6L<br>JA7JND<br>JA9BEK<br>N8TFD<br>TA2RC<br>UN7TX<br>WA6KHK<br>ZL1ANH | <b>1290</b><br>BG8PA<br>DJ2UU<br>EA3NG<br>EI3ISB<br>N9MW<br>UA1CGS<br>VR2VAZ      |
| <b>1319</b><br>9A6T<br>DL3ZH<br>EA1EA<br>IZ7EVZ<br>RN5AA<br>VE7VV<br>ZS2I                     | <b>1311</b><br>KI9A<br>VA7XX<br>W2GR<br>W4HM  | <b>1304</b><br>4Z5GV<br>DL5JS<br>HI8CJ<br>IZ8DEO<br>JA3DAY<br>JK1DDG<br>KI3O<br>WG0G<br>YB0MZI | <b>1296</b><br>CE3EEA<br>N0ACH<br>NE8P<br>OE7SEL<br>W3KHQ<br>WX4F                      | <b>1289</b><br>KN9N<br>OZ7QB  |
| <b>1318</b><br>K0HQW  | <b>1310</b><br>IK0PRP<br>JR6GHN<br>VA6JV<br>WB7BBQ  | <b>1303</b><br>4X6KJ<br>DL1SDH<br>JH2NWP<br>K0ABC<br>K6GFJ<br>W9RB<br>WX3P                     | <b>1295</b><br>G3GAF<br>G4SGX<br>PA3FWV<br>W2NY<br>WB9DLC<br>WR7T                      | <b>1288</b><br>HB9FAZ<br>I5SDG<br>K6RC<br>K9JP<br>KC2THY                          |
| <b>1317</b><br>EA1KE<br>JH1CTV<br>K7WK<br>KR4U<br>N1SZ<br>SM0W<br>VE6SV                       | <b>1309</b><br>JA3PRM<br>JH2PWM<br>K1WY<br>K8ARY<br>NJ0F<br>OH1ECQ<br>UB3A<br>W1JMM<br>YV5JGO | <b>1302</b><br>JE1CSW<br>JH8XVT<br>K2MHE<br>LA5LT<br>N9AVY<br>W5HNC                            | <b>1294</b><br>AE4M<br>DK3FB<br>KN6H<br>PF7M<br>W1PY                                   | <b>1287</b><br>CT3BX<br>DS4DRE<br>EA6AZ<br>JH3GRO<br>KC4AA<br>WX5L                |
| <b>1316</b><br>F4FLF<br>GM0VIT<br>JF7NNI<br>K2JK<br>W2CQ<br>WA2QAU                            | <b>1308</b><br>DL1SVA<br>HC8N<br>JI1DMH<br>N4HGZ<br>N9RV<br>WD4IXD                            | <b>1301</b><br>AA4MM<br>JE3FOR<br>JN4FNZ<br>M0OIA<br>NA6JD<br>OK2RZ                            | <b>1293</b><br>IK2WPO<br>JA1XQC<br>SM2YIP<br>YO2LLL                                    | <b>1286</b><br>DJ2RB<br>K2DF<br>K6VV<br>K9JDP<br>N5TU<br>VU2MSA<br>W3/NH7C        |
| <b>1315</b><br>K2OGD<br>K4JUJ<br>N2BT<br>VE3TM<br>WB7VNY                                      | <b>1307</b><br>JH3LCU<br>N1BY<br>N9BVA<br>VA2LC   | <b>1300</b><br>EI7GY<br>JE6UWU<br>KJ7NO<br>WU4B  | <b>1292</b><br>F4DSE<br>N9NM   | <b>1285</b><br>7Z1SJ<br>K0NV<br>K8LBT<br>KG6B<br>N4ANV<br>W4CMM                   |
| <b>1314</b><br>EI3CTB<br>G4IDL<br>K8ZR<br>VK5CE<br>W2FCR<br>W8AF                              | <b>1306</b><br>AI2S<br>BH4SYG<br>CT1FJK<br>DJ4PT<br>HB9FAX<br>IK8MRD                          | <b>1299</b><br>CT1AUO<br>N1KX  | <b>1291</b><br>AE6Y<br>JH1EVD<br>K3GO<br>K9ZG<br>W8FAX                                 | <b>1284</b><br>JA1TGO<br>K0YL<br>K1PTF<br>K5FXB<br>N6DVR<br>NN1SS<br>WX0E<br>Z34K |

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|---|--|--|--|---|
| <b>1283</b><br>EA1AUO<br>K8DJC<br>W2OL  | NY6C<br>WB8RFB   | W0ZT<br>W5WZ<br>WA9PWP   | M3DFW<br>W0UVC   | <b>1253</b><br>DL8DWL<br>EA1NK<br>JH8CFZ<br>OH1LAR<br>PY5VC   |
| <b>1282</b><br>A71EM<br>AD5MD<br>JL1IHE<br>JR2BYJ<br>JR7COH<br>K9MX<br>N4SV<br>VE4YH<br>WW4LL | <b>1275</b><br>JA3UOQ<br>OH1LR<br>UA4PT<br>ZS5LEE  | <b>1268</b><br>EA5XV<br>F1JKJ<br>I8PND<br>LB2TG<br>PY2XAT<br>W4DWS<br>WF7T<br>ZP9MCE             | <b>1261</b><br>IK5BSC<br>K3TLP<br>VK3OT<br>WB8YTZ                              | <b>1252</b><br>AB9KZ<br>K0KO<br>K2RNY<br>K5DNL<br>KB4KBS<br>LU5FCI<br>MU0GSY<br>SM4BNZ                |
| <b>1281</b><br>DJ9CW<br>KB2ZPB<br>KB5IY<br>KC9G<br>KM4VI<br>W0BM                              | <b>1273</b><br>DL6RA<br>F4BDG<br>JS6QOM<br>OH3PYY<br>W3HKK   | <b>1267</b><br>G3PLP<br>JA4HDO<br>JH0CLK<br>K3TRM<br>K4ZMV<br>KC1ERO<br>OK1ADM<br>W2XX<br>YU1FJK | <b>1259</b><br>DF3FJ<br>G3HSR<br>LA4JGA<br>LA6ZFA<br>OK1MBW<br>SP3FYX<br>UZ1WW | <b>1251</b><br>EA1WX<br>HL4RBR<br>JA7DPC<br>K8OS<br>K9BO<br>S51AD<br>UA2CZ<br>VE3VV<br>W8LIG<br>XE2AU |
| <b>1280</b><br>JA3MNP<br>LB2EG<br>NT9F<br>W7GA<br>WB2UFF                                      | <b>1272</b><br>EA5GX1<br>HB9DRS<br>JE4WOK<br>K4FDP<br>KB3LIX<br>NA5NN<br>SM5BFJ                                | <b>1266</b><br>GM1BSG<br>K1TU<br>K4ZNC<br>KB2S<br>NG4C<br>RU3U<br>US5CB                          | <b>1258</b><br>F4CPF<br>I4UUL<br>JA2CPD<br>JF7RJM<br>K1XE                      | <b>1250</b><br>AA6XV<br>JA0HWF<br>KB8U<br>R4FAN<br>SM3CZS<br>UR5WCW<br>W4TE                           |
| <b>1279</b><br>EA7LS<br>IK0PCJ<br>JA4VUQ<br>K4GN<br>K9KEU<br>WA2ALY<br>ZS1EL                  | <b>1271</b><br>DL7ACN<br>ND6G<br>NS4X<br>W5GVP   | <b>1265</b><br>9A2GA<br>JH8NQV<br>N2MEE  | <b>1257</b><br>4Z5FL<br>IK8TEM<br>IT9VDQ<br>JA7DOT<br>S51DV                    |   |
| <b>1278</b><br>G0THF<br>HK3CQ<br>JA7KQC<br>K6LD<br>PA7MM<br>W9OSI                             | <b>1270</b><br>AA5SH<br>AB2DP<br>DL2AMD<br>I0YR<br>I4KYO<br>JA6JYM<br>R3QJ<br>RU3OW<br>WM9Q<br>YB1BML<br>ZP6CW | <b>1264</b><br>DL7AA<br>HB9Q<br>K8CR<br>W2EJG<br>WG9L  | <b>1256</b><br>JE1CPB<br>K1WNT<br>VE3PJ<br>W8SP                                | <b>1249</b><br>CT1HHP<br>EU7X<br>JA4CSJ<br>KK6T<br>RZ1OK  |
| <b>1277</b><br>K7EV<br>K7MY<br>N3ER<br>W6DVS  | <b>1269</b><br>AF8C<br>I1SOP<br>JA9IWR<br>RN0C<br>TF3VS  | <b>1263</b><br>HB9FAN<br>IW7DOL<br>R6MO<br>YO2BS   | <b>1255</b><br>JA7MAD<br>JH1SWD<br>JH4VDP<br>NE5W<br>W3HER                     | <b>1248</b><br>NZ0T<br>SV3RKM<br>W8MRL  |
| <b>1276</b><br>F5TMJ<br>I2LXA   |  | <b>1262</b><br>7J1ABD<br>JA9CGW<br>K1FE<br>K7RAN   | <b>1254</b><br>EW1LM<br>K0UU<br>W2FS<br>WC2L<br>WQ5T                           | <b>1247</b><br>AA0FT<br>JP1EWY<br>N6ORB<br>UA6XT<br>W1DXH   |

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| <b>1246</b><br>AB6BT<br>DJ9BX<br>I2XIP<br>N0VD<br>W1ECS   | DL5MM<br>N9EAJ<br>W4MPY   | NA5YO<br>SA3CAT  | <b>1226</b><br>DL3BUE<br>HA5FA<br>HB9DLE<br>HP2NG<br>K1GND<br>K1PT<br>PJ4LS | <b>1217</b><br>EA5IAG<br>VK7ZE<br>W0VD<br>YB0EIN   |
| <b>1245</b><br>9J2BS<br>JJ1JMZ<br>K0GEO<br>K2SZ<br>K6EI<br>KH6XT<br>KQ5U<br>N7RP<br>N7WI<br>VA3NXM<br>W0CK<br>W4ARK | <b>1238</b><br>4X1VF<br>DL7BO<br>JA0AVS<br>KD5R<br>LZ1XL<br>VR2PX<br>W6PG<br>WC4V                             | <b>1232</b><br>JE4RAL<br>JJ1DJW<br>JS2KWL<br>K3CWF<br>N8NH<br>SM6CGI<br>TA1PB<br>WB6AXD              | <b>1225</b><br>DL6WT  | <b>1216</b><br>DF2QC<br>HI3R<br>KF5WCP<br>N2WM<br>WF4B   |
| <b>1244</b><br>A65BD<br>AA5B<br>AA7X<br>IZ2MHT<br>JR1EYB<br>NI4Y<br>NN7X  | <b>1237</b><br>EU4T<br>IK2LOL<br>IZ2USP<br>K7STO<br>KR0O<br>N8RF<br>PY2AB                                     | <b>1231</b><br>IK8PGE<br>JA1PLT<br>K1EDG<br>KJ5Y<br>LB8OH<br>W2FKF                                   | <b>1224</b><br>AB4FH<br>JH4ADF<br>NX4D<br>OK1UU<br>W4EJG                    | <b>1215</b><br>CT3DZ<br>JA1JMF<br>JA7JM<br>NK7Z<br>NY7T<br>W1MO  |
| <b>1243</b><br>WA7RLL   | <b>1236</b><br>EI5GM<br>JA6MWW<br>JA7FVA<br>K5NV<br>N8KU<br>OM0AST<br>R2AB                                    | <b>1230</b><br>DJ4DN<br>JA1QOQ<br>JA4OPW<br>K0ZR<br>KX9X<br>N9QQK<br>SP7MOC<br>W2IZN<br>WA2C         | <b>1223</b><br>AE9DX<br>EI7JZ<br>JA1CPU<br>K4EQ<br>K9IA<br>W4DSM            | <b>1214</b><br>EA4EJP<br>JA0BES<br>JA0FLL<br>JA6SQR<br>N5RZ<br>WB9IWN  |
| <b>1242</b><br>G6GA<br>IC8SQS<br>JA8DBU<br>JK2VOC<br>NR8Z<br>W4AVY<br>WA8Y  | <b>1235</b><br>EW7A<br>JI2EMF<br>K9AAN<br>W6IZT   | <b>1229</b><br>EA1AHA<br>EA1K<br>JA1IFD<br>K3PH<br>K4MQ<br>LA7QI<br>N0FCD<br>N7TK<br>W3JXP<br>WA3IIA | <b>1222</b><br>K4NTO<br>W5RY<br>YO8PS                                       | <b>1213</b><br>AA5H<br>AD0K<br>JH4GNE<br>JH8JWF<br>JI1BJB<br>K6VVA<br>KD1AB<br>N9FH<br>S57TA<br>W4NK<br>WA9IVH |
| <b>1241</b><br>JF3DRI<br>JH4CPC<br>JL3JTD<br>K1JX<br>VE7VZ<br>W1NT  | <b>1234</b><br>AK9B<br>JA4MEM<br>JH0LME<br>K4LRX<br>K5VG<br>K6RR<br>KD0S<br>VA7DXX<br>W1MRH<br>W9GM<br>YO3IPR | <b>1228</b><br>IK0OZD<br>JA3BLN<br>OH1XFE<br>UR7CQ<br>W7YED  | <b>1221</b><br>JA1QVR<br>JA3AOP<br>JA6ATL<br>KF8HR<br>PR7AB                 | <b>1212</b><br>AA2IL<br>DJ0AH<br>F5VML<br>JA1AKL<br>JO1QNO<br>UU2JQ<br>W0MAN<br>W1UU                           |
| <b>1240</b><br>JA1SZN<br>K06LU<br>KX6C  | <b>1233</b><br>DL4HRM<br>JH7HIQ<br>JR3MTO<br>K9UWY<br>KA9UVY  | <b>1227</b><br>JA9EEH<br>JI1JPJ<br>KC4PX<br>NZ0O<br>WA0BZA   | <b>1220</b><br>HA3OU<br>JG1IIF<br>OH2TA<br>ON4CCN<br>WA1HEW<br>ZL3NB        | <b>1219</b><br>CU3HN<br>KQ9J<br>WA4TMJ   |
| <b>1239</b><br>CE3CT  |   |  | <b>1218</b><br>AD6DK<br>JH6IMI<br>K4VZ                                      | <b>1211</b><br>I4FTU<br>IZ3KNK<br>K3XC<br>OH3KAV   |

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| W7JET<br>WX0Y   | ON4AGX<br>SP1NEN  | RU0A   | <b>1189</b><br>AA9AA<br>AF3K<br>F4GTB<br>G4YCS<br>HB9HHH<br>JR1LZK<br>K0PX<br>K8TS                           | YO9FLD   |
| <b>1210</b><br>G0FWX<br>JL4BSE<br>LA1CO<br>N6XG                                       | <b>1202</b><br>IW4EII<br>JE7LHT<br>K1QN<br>K2RSK<br>N8WD<br>WB2CLL<br>WP4CQ                           | <b>1196</b><br>DL1ECG<br>EW3CW<br>JA6WIF<br>JE2RBK<br>SQ8J<br>W3ATV<br>W4CIR<br>WA8IQF | <b>1188</b><br>JG6CDH<br>KO1H<br>N3HYB<br>ON6MX<br>RW5CW<br>SP3UY  | <b>1182</b><br>HB9EBM<br>KD3UY<br>KI5T<br>N5KUC<br>W4HY<br>WM5H  |
| <b>1209</b><br>DF7GG<br>EA5BD<br>EW4C<br>N6MA<br>OK2FB                                | <b>1201</b><br>HL5YI<br>IS0/YO3RA<br>JR6PGB<br>K9AQ<br>PW7T<br>W4GH<br>W6CN<br>W7RN<br>WA4YYM<br>WW0E | <b>1195</b><br>JA7FSB<br>KE2M<br>LA8PDA<br>UN8GA<br>W2OSR                              | <b>1187</b><br>G3EKJ<br>JF1QQK<br>SP2DW  | <b>1181</b><br>4X1UF<br>K4RMM<br>K9BQL<br>N9IXD<br>W4NF<br>W5XU  |
| <b>1208</b><br>KJ9B<br>KN4OK<br>LA6FI<br>N3ZP   | <b>1200</b><br>AB5GU<br>DD0VU<br>JH6RTO<br>ND0C/QRP<br>OH5XB<br>W7AAD<br>W8YV<br>YB4CHP               | <b>1194</b><br>DF5DH<br>K2RKJ<br>N6VI<br>R2ARR<br>R5AA<br>W5IO                         | <b>1186</b><br>CT1EPJ<br>JH2KMK  | <b>1180</b><br>G8APB<br>IK6DEN<br>K0AFN<br>K2SG<br>KD9ZR<br>N5WNG<br>WO3Z  |
| <b>1207</b><br>DJ3CQ<br>JJ1REU<br>JL1JVT<br>JL1MWI<br>K5SES<br>NM9P<br>NS4F<br>WB8EKG | <b>1199</b><br>JA0TEA<br>KF3N<br>N2ZL<br>N3RR<br>WE2K   | <b>1193</b><br>EA5FCW<br>IK5IFH<br>W3DIY<br>WB3AVD                                     | <b>1185</b><br>AB1QB<br>JA1EYN<br>K0XM<br>K8ESQ<br>N5YY<br>N6KJ  | <b>1179</b><br>EA2RY<br>IU4CHE<br>IW0AGX<br>JA2HIJ<br>JR6LDE<br>K4RM<br>UA3NFI<br>UA6FZ<br>VK6OZ<br>W4GHW<br>WX2CX |
| <b>1206</b><br>ES2IPA<br>G3YSX<br>K7SO<br>N0ATQ<br>W4UR<br>W5SV<br>WA8LRW<br>WD4IKI   | <b>1198</b><br>DK3HV<br>JI1FXS<br>K5MO<br>KA5VFU<br>KC9WPS<br>PU2POP<br>SP9IZV                        | <b>1192</b><br>AJ4HW<br>DJ0IF<br>IW1CAB<br>JF1CPH<br>LU5OM<br>NC6K                     | <b>1184</b><br>DL6ZBN<br>HA8FW<br>JA7MNF<br>JH8BOE<br>K4JGR<br>K7YZO<br>LU2DX<br>N4WMB                       | <b>1178</b><br>4F3BZ<br>AA9WO<br>AC6T<br>IK6IJF<br>K1IB<br>KT5V<br>NC7M<br>W2KNG                                   |
| <b>1204</b><br>G3CWW<br>JA0GZZ<br>JR4PMX<br>SP6MAA<br>WA9DU<br>ZS6RJ                  | <b>1197</b><br>DS4DBF<br>HB9ACC<br>K4GM<br>K4OP<br>N4TZ<br>NW6V                                       | <b>1191</b><br>5P5Q<br>DL8OK<br>JH1CJQ<br>K2GLS<br>LU9DO<br>OZ9GA<br>W0SA              | <b>1183</b><br>IS0EBO<br>K4RP<br>K7MO<br>N0LD<br>N2RD<br>N8WXQ<br>VE3VGI<br>W7LEA<br>W9FXA<br>WA9MAG<br>WF4W | <b>1177</b><br>JH1EIG<br>RD8X<br>W1HS<br>WO5D  |
| <b>1203</b><br>JF7DZA<br>JG1AID<br>JH8DBJ<br>KA7CVJ<br>KS4XQ<br>NC7B                  |   | <b>1190</b><br>DD1JN<br>HL2FDW<br>IV3BBR<br>W1BYH<br>YT7T                              |  |  |

|   |  |  |  |  |
|---|--|--|--|--|
| <b>1176</b><br>CT1DIZ<br>IK2WSO<br>IZ3XEF<br>JA4DEY<br>JA9LSZ<br>KB8KIM<br>OZ1DSD<br>VE7ON<br>W9LQI | VE3GYL<br>WN0L   | JA2PTQ<br>YO9GJY   | PH7A<br>SP6DVP   | <b>1148</b><br>JI1EIX<br>OM2AGN<br>WB4KTC  |
| <b>1175</b><br>CU7AJ<br>DL7XU<br>JH8LLE<br>LA1J<br>LB7Q<br>N1RP<br>N8QGC<br>NT5A<br>W6NK<br>WN7S    | <b>1169</b><br>7N4OBV<br>EA7/LA9DL<br>ES4AW<br>JS6SCC<br>K2FJ<br>KB9S<br>VE3XB               | <b>1161</b><br>AA4OC<br>N8DC<br>UN2G<br>W7BJN  | <b>1155</b><br>K6ASK<br>K7JY<br>N2CJ<br>SP7ASZ<br>W4RS<br>WA1NLG                       | <b>1147</b><br>DL4DW<br>IZ1JIZ<br>JG1WNO<br>K0UBR<br>K5WQG<br>N0AB<br>UX7VA                      |
| <b>1174</b><br>IK6CAC<br>JA2AYH<br>K6AWR<br>W4SKW<br>WA0PFZ<br>WE9A                                 | <b>1168</b><br>IK4RQJ<br>NE1RD<br>NT5O<br>WB4M   | <b>1160</b><br>AG5Z<br>DD0VE<br>DM1DK<br>F6FFR<br>K0FD<br>NZ3M<br>VE2NGH   | <b>1154</b><br>G6AD<br>I0KRP<br>JN3ONX<br>K2OO<br>K5CKS<br>NC1M<br>WB9WHQ              | <b>1146</b><br>DF3VG<br>NG3J<br>ON7LX<br>R0SR<br>W3KN<br>WA7AVL                                  |
| <b>1173</b><br>DJ3GW<br>DJ3XD<br>JA6CM<br>JF1KIG<br>JM1CMA<br>VU2DED                                | <b>1167</b><br>9A4BL<br>I1FBJ<br>IK2GAO<br>JF2QNM<br>K1RM<br>K4CSB<br>N7TW<br>N9AZZ<br>NA4CW | <b>1159</b><br>K2HJB<br>M0MCV<br>NT6AA<br>RA3LAL<br>S51DD  | <b>1153</b><br>EA1WH<br>IT9YOZ<br>IZ0LNP<br>KD8FO<br>N1FOJ<br>VA3YP<br>W4BH            | <b>1145</b><br>DH5MM<br>JA5BZL<br>K4HEB<br>K9QA<br>KN8F<br>YE9BJM<br>YU1JF                       |
| <b>1172</b><br>JA4BUA<br>W1FZ   | <b>1166</b><br>DJ6TK<br>F8EZE<br>W5CWQ   | <b>1158</b><br>DD9WG<br>JA2AXB<br>JA3AAW<br>JA3VUI<br>JH1BUO<br>JI1SVY<br>JJ1IRS<br>K1YT<br>K6SY<br>W6IS<br>WA7YAZ               | <b>1152</b><br>GM0NAI<br>IK0FUR<br>KP4JRS<br>KP4P<br>N6FS<br>OH2BC<br>VK4BUI<br>WA8NLX | <b>1144</b><br>EA5DKU<br>F6IMB<br>JA3RAZ<br>JE2FJI<br>JE7BUH<br>JR1KAG<br>N4GBK<br>NA7RH<br>W8GU |
| <b>1171</b><br>6K5AQY<br>DG5DBT<br>JA1DIO<br>KA3S<br>W4ASE<br>ZL2LW                                 | <b>1165</b><br>JT1CS<br>PA5CW<br>WA3WNT  | <b>1157</b><br>A71XX<br>DH5JG<br>DK1AX<br>F5VMN<br>IZ4ORF<br>JA5CDL<br>JA7GDU<br>K6OJ<br>K6VHF<br>N7NW<br>WD1M<br>WU2G<br>ZL3REX | <b>1151</b><br>JH1AWJ<br>KC2LSD<br>N5CR  | <b>1143</b><br>EA5BZS<br>ER1LW<br>F8AMV<br>N6TR<br>R8IA<br>UA9AEU<br>W6MYN<br>WB9B               |
| <b>1170</b><br>IW2CAM<br>K3SW<br>LZ1CY<br>N2YF<br>PA2R  | <b>1164</b><br>JR1FHP<br>OZ9U  | <b>1156</b><br>K1VSJ<br>K3WJV<br>KM8V  | <b>1150</b><br>JH8CXW<br>KK8X<br>N4UP<br>RM4C<br>W7MD                                  | <b>1142</b><br>JH1HGI<br>KA5M<br>OH2DW<br>W1ES   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| WA5YOM      | VA3OKG      | N3OUC       | <b>1122</b> | K0RAR       |
| <b>1141</b> | VR2IL       | N5BA        | DD0ZN       | K9KU        |
| JA1SHC      | W9KB        | UA3LIU      | E20YLM      | RJ6J        |
| JA7MWC      | <b>1135</b> | W7AM        | JG7AMD      | US3IZ       |
| KZ1X        | EA7LL       | WM1G        | JR2HRR      | <b>1115</b> |
| OM3CND      | HB9FUX      | <b>1128</b> | KB4EE       | EI4HH       |
| <b>1140</b> | HC1HN       | AK4AO       | KB7QFE      | IZ5BYJ      |
| DJ4JZ       | N2WN        | DS5JMG      | KI0HA       | JH3EQP      |
| DJ9FK       | RN7G        | JG8NKJ      | KO4PRE      | JI1DCW      |
| DL1DH       | VA2MM       | K7KJ        | SV1AOZ      | KG6WIK      |
| JH8FIH      | WA3YZD      | KB8DID      | UA4ARL      | KI6MQX      |
| K1BG        | <b>1134</b> | W4MC        | YB9AY       | LA7MFA      |
| N9RE        | IK0UUM      | <b>1127</b> | <b>1121</b> | W0ZX        |
| NW8U        | JF2ERJ      | DL7LX       | IK0XKP      | WJ1B        |
| WQ5C        | K4ODL       | G3YFE       | OG1R        | WO6T        |
| <b>1139</b> | N3GS        | N1HO        | YO9FFX      | <b>1114</b> |
| AI4QQ       | VE3KKB      | <b>1126</b> | <b>1120</b> | 4F1OZ       |
| JE2VYM      | W7VV        | W4KVS       | JH1LZU      | JA0HXV      |
| JP7SOZ      | W9HZ        | W5HY        | N3YZ        | JA4DLF      |
| K0JJR       | <b>1133</b> | <b>1125</b> | W0UY        | JG3KMT      |
| K9YZ        | AD4RE       | 7N2JZT      | W1RZF       | KA4H        |
| SP9PRO      | SV3EXP      | F8GB        | <b>1119</b> | KE1IU       |
| SV7CUD      | WA4AFE      | IW2BZY      | AB4H        | KK4BZ       |
| W5MJ        | <b>1132</b> | JH8MZF      | HC1HC       | W9AP        |
| <b>1138</b> | JH1GNU      | JP1GVC      | K9UO        | <b>1113</b> |
| EA1IO       | KK4MA       | K8RCT       | OH8JK       | DK4MX       |
| EA7DAP      | LA3DV       | N2IC        | SP6BXZ      | DU1KT       |
| I8DPP       | UA9JLL      | SK5PZ       | WN1M        | G0OSK       |
| IW1PUR      | <b>1131</b> | W6LZ        | <b>1118</b> | LU1HLH      |
| K8POM       | EA6BB       | <b>1124</b> | DL1MAJ      | NT9E        |
| LA4RT       | SV1IZY      | EA8TZ       | JA1CC       | UA4CX       |
| W4ATM       | YO5OEF      | K0MP        | JR0GXA      | W4PJW       |
| W4HVW       | <b>1130</b> | N1AAM       | N4VAN       | W5TUF       |
| ZS6NK       | F6FNA       | N6DW        | N5EKO       | WF7B        |
| <b>1137</b> | IK2CMN      | VE7NY       | NZ7Q        | <b>1112</b> |
| F6BLP       | K3RWN       | W1ATV       | TF2LL       | DL6DH       |
| JH0AKV      | KG2GL       | W6AYC       | <b>1117</b> | IK5ZAJ      |
| K7VL        | KJ6MBW      | W8WRP       | AA2WC       | JL7BRH      |
| KZ2R        | KS4WA       | WB4PWZ      | AB9YC       | JM7TKK      |
| NN5G        | W3XX        | <b>1123</b> | I2DJX       | KN4FO       |
| RA0LQ       | W4CC        | AC7ZG       | JF3VEC      | N6RVI       |
| <b>1136</b> | W8TOM       | G4VWI       | RX3X        | W5SG        |
| AD4EB       | <b>1129</b> | I1LGR       | SP5AMN      | <b>1111</b> |
| CP6XE       | AK6I        | JE2SOY      | <b>1116</b> | K0MLD       |
| EA1T        | BD4SX       | JO1ABS      | DJ7AO       | K2IE        |
| JK1PEC      | DF2UH       | K4VAC       | F5JGA       | W4CZ        |
| K8CC        | DH8GV       | KK5J        | IT9ABN      | <b>1110</b> |
| LZ1MDU      | HL4GHT      | PY2FZ       | IZ4COT      | DL1CF       |
| N1RM        | JA2THS      | WB2AA       | JA4OIJ      | IK6CGO      |
| RN3A        | JH2MYN      |             | JA8ALB      | JA4GCF      |
| SP5ZCC      |             |             | JG2KKG      | JR1SLU      |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| PT7NK       | W9BB        | <b>1098</b> | EI6AL       | JM1GAW      |
| <b>1109</b> | <b>1103</b> | AC8TO       | I0BJV       | KA1BQP      |
| K3FT        | AK1P        | CT1EGW      | K6UIP       | KI4YY       |
| RT2O        | DJ5KL       | DJ3EJ       | <b>1092</b> | N3NO        |
| RW6MBC      | IK5XLB      | E72AD       | G0UII       | N7LAN       |
| <b>1108</b> | JA8NSF      | IZ2CSX      | KD2OV       | N7RVD       |
| AB7RW       | JL1QDO      | K2UT        | KS4Q        | NB2P        |
| AC8L        | RN3TT       | K4OTV       | N4WD        | PY5JO       |
| AD4XV       | SM6TKG      | K5YAA       | ON4VT       | SM3DTR      |
| AJ4IM       | <b>1102</b> | KA8YYZ      | <b>1091</b> | <b>1086</b> |
| DL3NM       | DS4CNB      | N5RN        | EA5ZR       | ER2RM       |
| VE9VIC      | F8DZY       | PA1MVL      | G3XVF       | JA8DRK      |
| W3UTD       | K3NW        | SP8MVC      | JA4XHF      | JG1EIQ      |
| <b>1107</b> | KO6UW       | SV4FFL      | JA7LMU      | KD3TB       |
| DK2GP       | PA5O        | VE3EDY      | JH6JMN      | LZ2TWY      |
| EA1AA       | VK4OQ       | VE3FAC      | K4YL        | W4JDS       |
| JF3AHI      | <b>1101</b> | <b>1097</b> | KR4DA       | W7WRJ       |
| K6IRA       | AB5RM       | AD6KQ       | W0QL        | <b>1085</b> |
| KE3ZT       | IT9RDG      | AG8L        | W1MI        | AI7W        |
| N4KEB       | IZ3DBA      | HB9ECS      | <b>1090</b> | DL9SAD      |
| N7GVV       | IZ6ELF      | IZ0FYW      | CT3FN       | JA1IHD      |
| VE7ACN      | JH1URT      | JE3CYW      | DJ6HR       | JN1RFY      |
| <b>1106</b> | LU7HN       | JH7XPW      | DU1IVT      | LA2LI       |
| G3PMR       | N2SU        | K0YY        | EI6JK       | NN8L        |
| K0KM        | W1XK        | K5TDA       | K3IXD       | W4OWY       |
| K2UF        | <b>1100</b> | N9EN        | K4WJ        | WA9IVU      |
| K7IA        | EI9E        | R3LO        | SV1JSN      | <b>1084</b> |
| KO1I        | I0ZUT       | <b>1096</b> | UN6TA       | AA4QE       |
| LA9KY       | IK8IPL      | AD9DX       | <b>1089</b> | DO4DXA      |
| PA2TMS      | IV3IYH      | K4CA        | AC6ZM       | IZ4IRO      |
| RT0Q        | IZ5GST      | N5UM        | JA8AWR      | KB4FB       |
| VE4GV       | JA3KKE      | RG7G        | JI2UDK      | KJ7WY       |
| VU2NXM      | K4IJQ       | WW5L        | JR1QLM      | KX4I        |
| W0QD        | K7PTC       | XE1RCS      | N9AI        | VE2OWL      |
| W2ZQ        | K7QA        | <b>1095</b> | OH2ID       | W5QZ        |
| <b>1105</b> | KG8V        | A35RK       | UR6QA       | W9MDB       |
| DJ3AK       | KH6DX       | JH1BHW      | W2GGY       | <b>1083</b> |
| IK7MXB      | N2TC        | K3UW        | W3MS        | DL1ASA      |
| IV3NVB      | VO1NA       | N1DC        | <b>1088</b> | DL9ABM      |
| IW7DHC      | W3MRL       | TA2AD       | AA2VG       | HG6IA       |
| LB8CA       | WA5YNB      | W9KX        | EA7OH       | K0TI        |
| UN7ED       | XE3E        | <b>1094</b> | G0HSA       | UX7IN       |
| VR2ZXP      | YO8DHA      | 8P6ET       | JA1DJO      | W4DFU       |
| W9VA        | <b>1099</b> | IZ0HTW      | K0OB        | <b>1082</b> |
| WB5TOI      | F5VHJ       | LU1FM       | K4AVU       | 4Z4OQ       |
| WO7V        | IZ7GIT      | N5RP        | KS4L        | CP6UA       |
| <b>1104</b> | JH0IEW      | W0CO        | MM1PTT      | JA2QPY      |
| K7MH        | JH1FRW      | W0YBS       | PF1MO       | JE2DJC      |
| N7EO        | K2GW        | YO8OY       | <b>1087</b> | K4FK        |
| OZ6TL       | KK4ODQ      | <b>1093</b> | JA1GFD      | KD8MQY      |
| W0HBK       | N0RQ        | DK1MM       | JA3DBD      | N4QK        |
|             |             | EA3CWK      |             | OR4K        |



|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| UA4HAD      | HA2ESM      | ZS2ACP      | ON6LY       | YL2CB       |
| UA4HDB      | KB5CSQ      |             | W3ZQI       |             |
| W6MVW       | N2BSA       | <b>1071</b> |             | <b>1058</b> |
| W9GFB       | OZ3ABU      | K0KV        | <b>1065</b> | 9A5MI       |
| WB8YJF      | TF1A        | KJ4FZ       | DL1ZBO      | JA2BL       |
|             | W1ZZ        | LA2RZ       | EA4BHK      | JK1BIB      |
| <b>1081</b> |             | M0VCB       | JA8WGX      | K0WK        |
| K0FG        | <b>1075</b> | ND9M        | K8YFM       | K8TE        |
| K8FB        | AC4CA       | NK9O        | LA7NO       | KE9UA       |
| MM0BQI      | DL5SDB      | VK3MB       | N4DJT       | N6JOJ       |
| SM5CCT      | IK5QPS      | WI4R        | N4UW        | SP5UFK      |
| W7JWM       | JA5XWB      |             | W4MOT       | SP6QM       |
| WW1WW       | JJ2SEE      | <b>1070</b> |             | VK2DAG      |
|             | K1TN        | JA7GZM      | <b>1064</b> | W4BR        |
| <b>1080</b> | N5OP        | N3PPH       | DL6GBM      | W6QO        |
| DL1DCT      | N7NF        | NJ9C        | DS5WQT      | W6RA        |
| EI9CN       | NN4DF       | NR0Q        | ES2BL       | WM4D        |
| HB9FBA      | OH3DP       | W9LU        | IK1AAS      |             |
| JK3NSD      | PA5KT       | XE1GLL      | JA1DHY      | <b>1057</b> |
| K6EV        | W1USN       |             | N6XI        | N6TV        |
| KG7CW       | WB9W        | <b>1069</b> |             | OL1HQ       |
| N6JM        | YB2IQ       | JH3LIB      | <b>1063</b> | W5MT        |
| NR2D        |             | N0HJZ       | JF7PHE      | W6PH        |
| W7PC        | <b>1074</b> | SM3OMO      | K7GA        |             |
|             | HK3VHZ      | UA9UX       | KB3MXK      | <b>1056</b> |
| <b>1079</b> | JA5ALE      | W4GV        | VE6PL       | 7L2QAD      |
| AD7KG       | JE0EHE      | W4HPW       | WN9Q        | JE1COB      |
| IC8TEM      | KC2ATK      | YU1NR       |             | JO4JDU      |
| IK6IHN      | M0IFT       |             | <b>1062</b> | K0GK        |
| KV2S        | N7PIB       | <b>1068</b> | JH3MHI      | KC4LZN      |
| LU7DW       | W1WN        | BW2/JP1RIW  | W1WEF       | N0PFE       |
| VA1SEA      | W8EOG       | CP4BT       | W4KCM       | N5JC        |
|             | WA4VJK      | JA3EGE      | W7SYK       | ZS4JAN      |
| <b>1078</b> | WB6RAB      | KB8NTY      | W8ZR        |             |
| DL4KUG      |             | N1BKB       |             | <b>1055</b> |
| EI4DQ       | <b>1073</b> | N5DI        | <b>1061</b> | AJ6V        |
| JA2SEQ      | G3VSQ       | UA0LDW      | F8DQL       | I8NLC       |
| KI0KN       | JA1UWB      |             | G0MMI       | IK2ULM      |
| SM7CZL      | JF3GFH      | <b>1067</b> | JH0NBN      | JA2LWD      |
| YB1IQE      | K2TA        | JA7EU       | KA4LBD      | JG1GJH      |
|             | LA3SG       | K9WZB       | LA9SN       | LA4URA      |
| <b>1077</b> | N2MFT       | KS0T        | NF4J        | PT2ND       |
| AC0DQ       | NE3K        | LU4DXU      |             | UU5WW       |
| JA2HOL      | NG9J        | N9JF        | <b>1060</b> | W7KKC       |
| JF1CZQ      | RA6WF       | OZ7BQ       | EI9HX       | W9BWR       |
| K4BBH       | W1DDD       | SM5AFU      | G4GEE       | WD4NGB      |
| K5MMH       | W4AFB       | W0JW        | IK4PKL      |             |
| N6ER        |             | W1TYQ       | IZ1EPM      | <b>1054</b> |
| W1JFK       | <b>1072</b> | W4MBD       | W5IP        | EA4OR       |
| W4WNT       | DL3NCR      | W8QXR       | W9IM        | JA0CRG      |
| W7IMU       | IZ8BRI      | W8WV        |             | JA4EII      |
| WA6QGH      | K0HB        |             | <b>1059</b> | KB3KJ       |
| WD4EGF      | LZ1JZ       | <b>1066</b> | DL0UM       | N4NM        |
|             | N1UZ        | AK4PR       | K5AX        | NN2D        |
| <b>1076</b> | RV3DB       | IT9RWB      | KI0G        | TA3J        |
| AD7XG       | SP5GQ       | K1TO        | LA1FH       |             |
| AG4TO       | W5PD        | OK1DO       | SV1PIZ      |             |

|   |   |  |   |  |
|---|---|--|---|--|
| <b>1053</b><br>7N3IJT<br>EI5GSB<br>K6OHM<br>KY6AA<br>V47JA  | DM2DXG<br>K0GVT<br>K3ZK<br>KD5RBU<br>KF6E<br>LA2RR<br>M0PCB<br>N4UC<br>N6IBP<br>OH2ECG<br>V31MD<br>VE3GFN             | JF2UEE<br>K1ETA<br>KB8ZUN<br>S52R<br>SV1HAK<br>W7BC<br>YL/RG5A   | JA1MOH<br>JA7JAA<br>N4CO<br>NE6V<br>W4GHD<br>W4GKR<br>YU1LD   | <b>1031</b><br>4O7CC<br>EI4GNB<br>IK3XJP<br>JO3MXH<br>K1JE<br>NX7K<br>OZ1NF                          |
| <b>1052</b><br>IC8XIL<br>IK2QPO<br>IK2RLS<br>K9WMS<br>N4IDH<br>N4LSJ<br>SP6FX<br>W3PT<br>YB2BOB             | <b>1046</b><br>AB4EJ<br>DL2MWB<br>KU4GC<br>N8JK<br>NR5R<br>R6AZ<br>W4ALF<br>W6INO<br>WB9MSM                           | <b>1041</b><br>A92BE<br>AC7JM<br>DJ2TG<br>IU8GNY<br>JG2NLN<br>JM3XZC<br>N7WR<br>NI0K<br>W5HD                                   | <b>1036</b><br>DL2UR<br>JP1LVI<br>K2QE<br>NN5O<br>UN5GM<br>UY0MM<br>VU3NXI<br>W0ZA  | <b>1030</b><br>AC9A<br>F5DBT<br>JA6COW<br>K6VVK<br>K7WA<br>LA6VQ<br>SV1DVX                           |
| <b>1051</b><br>G3VXJ<br>K9JJR<br>K9NS<br>KB0FHP   | <b>1045</b><br>HR5/F2JD<br>IZ1UKF<br>JA1JQM<br>N1GNB<br>WB8TGY  | <b>1040</b><br>8P5A<br>AA0BH<br>AE4VJ<br>DK4SR<br>K4LCP<br>KE5MMT<br>LA9L<br>NC8I<br>NO2C<br>UT4ZX<br>W2RDS                    | <b>1035</b><br>IV3DXW<br>JA6NEJ<br>JA8DIV<br>JE1TNL<br>K4TMG<br>KA9JCP<br>KR0I<br>NC4RY<br>RI1FJ<br>VE3SMA<br>W3TA<br>W6VIO | <b>1029</b><br>CQ0ODX<br>DL6SAK<br>DL7UCX<br>IK7XNA<br>IZ6IOC<br>KH2X<br>W2GHD<br>W6HB               |
| <b>1050</b><br>JA1JYS<br>JI1SAI<br>JR2BNF<br>K0MB<br>K0SON<br>KX2B<br>NJ4V<br>NO3U<br>W8RHM                 | <b>1044</b><br>DL1TPY<br>HA8UT<br>K4ZW<br>M0AQM<br>UA3EAY<br>W2BCC<br>WD5IYT  | <b>1039</b><br>3W3B<br>9A3QO<br>AC0W<br>CT7ABD<br>GM7NZI<br>JK1NPH<br>K9IO<br>KB8DRK<br>KX5M<br>NF8J<br>NQ4A<br>PT2BW<br>W7CQQ | <b>1034</b><br>K9AAA<br>LZ1PM<br>WA1HXH   | <b>1028</b><br>IK1RKN<br>K5WE<br>K6GCN<br>KD4EE<br>W4SW<br>WA6APQ<br>WB9TFH<br>YB3OSE<br>ZS6X        |
| <b>1049</b><br>AA3R<br>K5UN<br>N3COB<br>W3EP<br>WV1X<br>YO8WW   | <b>1043</b><br>DF1TJ<br>G4WGE<br>HL1XP<br>JA1HQG<br>JH4EY<br>K1GW<br>K1XH<br>KC3AK<br>KM4CQG<br>N6ZM<br>NT4K<br>SK6QA | <b>1038</b><br>KT1V<br>R3QF<br>VA1CHP<br>VU2SWS<br>W7GSV<br>YE1AR  | <b>1033</b><br>AA2T<br>AE0MO<br>AE4WG<br>EI2II<br>JA1VDJ<br>JJ2NWI<br>JR4DHK<br>K4FW<br>K5GZR<br>KU4A<br>M0RTP<br>W9COS     | <b>1027</b><br>4K9W<br>DJ9HQ<br>KG4VPC<br>W5XG<br>WD4OHD   |
| <b>1048</b><br>EI8IQ<br>IZ1POF<br>JK2XJE<br>KH6CQH/W7<br>N1GFV<br>NC6RJ<br>NR5O<br>SM7GXR<br>W4ZV<br>WB0RUR | <b>1042</b><br>AB4ZT<br>AG2J  |  | <b>1032</b><br>9A1A<br>G4DYA<br>LA8ZAA<br>N0SL  | <b>1026</b><br>AA3I<br>DS2GOO<br>JA5OP<br>JA8BZL<br>K3DQB<br>N3DV<br>UA4Q<br>UX4UM<br>VE2WY<br>W2WKG |
| <b>1047</b><br>AK0MR  |   | <b>1037</b><br>IK5SRF  |   |  |

|  |  |   |  |  |
|--|--|---|--|--|
| W6WRT<br>WX4W  | F5TJC<br>K4VX<br>K6SS<br>KC0V<br>NA9L<br>OH6JKW<br>W2YWC<br>YB2BNN   | <b>1016</b><br>DS4AKP<br>EW4DX<br>F4GDI<br>HB9DPO<br>K2KQ<br>K9RZ<br>N5ZY<br>N8IK<br>W2PSU                                | VU2OT<br>W5AAJ   | WB5KSD<br>WX2K<br>XE1V   |
| <b>1025</b><br>AC1O<br>AE5FM<br>DS5BRE<br>G0KRL<br>NT5EE<br>RL8C<br>RV6ARZ<br>YB9WZJ<br>YV6BTF                                       | <b>1020</b><br>E70X<br>JE0HUR<br>JH3FCF<br>K2KNB<br>K2WR<br>KB1YNT<br>LA4EI<br>S53X<br>VE2ACP<br>W1CDC<br>W2PD<br>WA8JBG | <b>1015</b><br>JA2QCX<br>K4NI<br>KI4FSI<br>KL7KK<br>N6TW<br>W1RCR<br>W7CB   | <b>1011</b><br>DL2RPN<br>JA1PLL<br>JH4NYG<br>JR3DXJ<br>K3OK<br>N5XUS<br>OH1HAQ<br>W0OVM<br>WW6G  | <b>1007</b><br>7Z1CQ<br>JF2RSF<br>K1UM<br>K2TTM<br>K4RWP<br>K5XM<br>KA2F<br>KR7RK<br>N3JON<br>N8YQX<br>RN4AM<br>VE3MDX<br>WA0GOZ<br>WF5W<br>XE1SAX           |
| <b>1024</b><br>CT2GZE<br>DK6WL<br>HL1MKT<br>IZ8DDP<br>JA2LMY<br>JI5RPT<br>JP1QDH<br>K6PBF<br>KV7N<br>LZ1QN<br>N4GOA<br>N9GKE<br>W3OP | <b>1019</b><br>AA5TA<br>DK6BT<br>G3AKU<br>G3WKL<br>HB9HFM<br>JH8UGL<br>JJ0PJD<br>JL2ULM<br>KB1AWM<br>NX3A<br>P40P        | <b>1014</b><br>DK6CQ<br>DL9QJ<br>EA9LZ<br>K1NOX<br>KG5EG<br>KV8P<br>NW8F<br>PT2CSM<br>UT3KW<br>W2LPL<br>WB2MKX            | <b>1010</b><br>CT1CQK<br>DL9ZAL<br>EA9AM<br>HZ1GW<br>IW8CGX<br>JA6CMQ<br>JA6SUY<br>JK3NQV<br>K1QQ<br>K4EZY<br>K7UPJ<br>N2BEG<br>SV2SIF<br>WI0E<br>WU7X | <b>1006</b><br>DJ9KV<br>DS3EXT<br>G3YBY<br>JK1NIU<br>JK1OTP<br>K4AEN<br>K5AR<br>KB5WWW<br>KF5BA<br>N5KDV<br>NH6Y<br>PV8RR<br>RW4NJ<br>W7RJR                  |
| <b>1023</b><br>4X1EL<br>AC2RL<br>F6FFA<br>IN3TWX<br>IU4AZC<br>JA1MZM<br>JA1QDB<br>KI6PG<br>N7YQ<br>RA3T<br>WI9WI<br>WU1U             | <b>1018</b><br>K4HR<br>K8UHL<br>N3BK<br>N3GTG<br>NL8F<br>OZ4RT<br>R3LC<br>VR2CO<br>W4LLP<br>WB9ZLNZ                      | <b>1013</b><br>AF6O<br>HB9RE<br>IZ0GKB<br>JA1UBZ<br>JK1DDQ<br>K5HX<br>KA5IAU<br>NA6XX<br>PY2YW<br>R7KW<br>SP3WKW<br>VR2CC | <b>1009</b><br>9M8DEN<br>IZ7QSS<br>JE4MHL<br>JL1KBS<br>K4DXA<br>K5WL<br>N1XL<br>N2IFA<br>R3TKM<br>W1RH<br>WD9FLI<br>WM5DX                              | <b>1005</b><br>DJ3CJ<br>DL8XDA<br>GI4SJQ<br>JA1FVE<br>JN3XEZ<br>K5FO<br>KJ2U<br>KR9A<br>N3EEN<br>N4VG<br>NJ6K<br>PA3AIN<br>SM7WVZ<br>UA9AM<br>UT9LC<br>W6DOE |
| <b>1022</b><br>EW3MM<br>G4CWD<br>I0LTX<br>K4BYN<br>KF1P<br>N9AVC<br>OH2BUA<br>V31CQ<br>W6OZI   | <b>1017</b><br>IZ0COI<br>JA1GLE<br>JA3ALY<br>K6VWE<br>KT6AA<br>RA3AOS<br>W9JOE   | <b>1012</b><br>JA1UXV<br>JH1KIM<br>JL3RNZ<br>K0ARM<br>K7LAY<br>KE7BMG<br>RA3AA<br>RD3BZ<br>UU1JA                          | <b>1008</b><br>JA2CKK<br>JG4GZK<br>K4SBZ<br>K9CHP<br>KL7XO<br>RA9SAS<br>SM0DGW<br>W3GP<br>W3LJ<br>W6LJS<br>W9VOB                                       | <b>1004</b><br>CX9AU   |

|             |             |        |
|-------------|-------------|--------|
| GM0SCA      | W9CY        | JA2KAK |
| JQ2NBX      | WX4B        | JA9KA  |
| K0AIZ       | YB1MIG      | JF1MUI |
| K4LD        |             | JF3KOA |
| K7UW        | <b>1001</b> | JG1EBU |
| K8JRM       | DB2WD       | JG1TFC |
| K9IJ        | DH2ID       | JH4MJO |
| K9MRD       | EA1BP       | JR1HYA |
| LU7HF       | EI8JX       | JR3PKO |
| N2JT        | HB9GZE      | JR3RIU |
| OH2CLX      | HS8HEX      | K2RAS  |
| S53BB       | IX1CLD      | K7HV   |
| VU2AE       | JA1ASO      | K7LOL  |
| W5EW        | JA1CCG      | KA5JSM |
| W9KM        | JA5RVN      | KA5SYP |
| WA3KVN      | JN1SUT      | KA6RWL |
|             | K3HPA       | KB3HHA |
| <b>1003</b> | K6DLB       | KB7PKC |
| AF4Z        | KB7AZ       | KC2NJ  |
| DF5BX       | KG4URP      | KC4ES  |
| DJ3ZF       | LA8IB       | KD0BQS |
| E29TGW      | N3AS        | KW1X   |
| EU1TT       | N3DD        | KZ5D   |
| IK1RLI      | N9ATD       | N4LS   |
| JL1EEI      | NJ1Q        | N4PAJ  |
| K8CJY       | OH1TSM      | N8BK   |
| KC3D        | VE3FK       | N8JS   |
| LA4HC       | W2/F2YS     | N8YO   |
| N5FEE       | W2HDI       | N9APK  |
| N7JP        | W7GTF       | N9ATF  |
| NC3O        | W9MB        | N9NFT  |
| NH6L        | WM6Q        | NA9J   |
| NK2H        | WV8EDU      | NS0Q   |
| OK2MDC      | YL2CP       | OH7HM  |
| RA0AM       |             | ON5UJ  |
| W6ELI       | <b>1000</b> | PA5X   |
| WA8COB      | AA4IB       | PP6ZZ  |
| WA9LEY      | AE4S        | PV8AAS |
| WB8QZM      | A11W        | RA5C   |
|             | DB9CR       | RM6LW  |
| <b>1002</b> | DL1DV       | RT3I   |
| 7L1UVF      | DL2DCX      | UA3DUJ |
| AD8RL       | DM6MA       | VA3EJN |
| HB9FKK      | E25KAE      | VU2MB  |
| HB9MXY      | EA3AGY      | W3ENM  |
| I0ZYA       | EA3HPX      | W7GF   |
| IN3FCK      | EA4EQD      | W8GJK  |
| JJ1HLL      | F5ELL       | WI2E   |
| JS1MRA      | HB9ARK      | YB2TJV |
| KX7L        | HB9CAT      | YO5QAW |
| N4WOT       | HB9TKB      |        |
| N4XC        | HI3I        |        |
| N8KOJ       | HS8KAY      |        |
| OH8NW       | IK1ZNM      |        |
| SV3AGT      | IK6TOT      |        |
| VE8EV       | JA0RWF      |        |
| W6JH        | JA1WIO      |        |