

## 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 Dec 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>3204</b><br>W4DR                    | <b>3180</b><br>W1JR                       | UT5UGR<br>WB9Z                 | <b>3139</b><br>SP3EPK                  |
| <b>3277</b><br>HA0DU          | <b>3202</b><br>DJ6RX                   | <b>3178</b><br>W9ZR                       | <b>3157</b><br>9A2AA<br>JA4LKB | <b>3138</b><br>OZ1BTE                  |
| <b>3255</b><br>LZ2DF          | <b>3200</b><br>KJ9I<br>OH3SR<br>PE5T   | <b>3173</b><br>W3LPL                      | <b>3156</b><br>9A7V<br>JA5EXW  | <b>3136</b><br>PY2XB                   |
| <b>3253</b><br>CT1EEB         | <b>3199</b><br>N4WW                    | <b>3171</b><br>GM3POI<br>IK1GPG<br>JH4IFF | <b>3155</b><br>K5RK            | <b>3135</b><br>N4CC                    |
| <b>3249</b><br>JA1BK          | <b>3197</b><br>UX0UN                   | <b>3170</b><br>JA4DND                     | <b>3154</b><br>JH4UYB          | <b>3134</b><br>CT1EKY                  |
| <b>3248</b><br>SP5EWY         | <b>3192</b><br>I4AVG<br>K8MFO          | <b>3169</b><br>OH1XX                      | <b>3149</b><br>G3KMA<br>NN4T   | <b>3133</b><br>IK4GME<br>S58T          |
| <b>3236</b><br>DF3CB          | <b>3191</b><br>G4BWP<br>N1DG<br>W1NG   | <b>3167</b><br>SM6CVX                     | <b>3148</b><br>PA3FQA<br>SV8CS | <b>3132</b><br>JR3IIR                  |
| <b>3230</b><br>4X4DK<br>UT7QF | <b>3189</b><br>IK4MGP                  | <b>3166</b><br>IK4DRY<br>OE6IMD<br>SM3GSK | <b>3145</b><br>UR0MC           | <b>3125</b><br>IK8HJC<br>JF2MBF        |
| <b>3223</b><br>OZ1LO          | <b>3188</b><br>EA6SX<br>G0JHC<br>YU1FW | <b>3165</b><br>I4EWH                      | <b>3144</b><br>JA3FYC          | <b>3124</b><br>EY8MM<br>GM3YTS         |
| <b>3221</b><br>JR2KDN<br>S50A | <b>3187</b><br>W3UR                    | <b>3164</b><br>N3XX                       | <b>3143</b><br>K4CIA           | <b>3121</b><br>IZ0AEG<br>VE3EJ         |
| <b>3214</b><br>DJ9KG<br>K4PI  | <b>3183</b><br>F6BKI                   | <b>3163</b><br>SM0AJU                     | <b>3142</b><br>SP3E            | <b>3120</b><br>W3YX                    |
| <b>3206</b><br>IK4WMA         | <b>3182</b><br>K5UR                    | <b>3160</b><br>CT1APE                     | <b>3141</b><br>JA5AUC<br>K2TQC | <b>3119</b><br>HB9BGV<br>OG2M<br>OK3GU |
| <b>3205</b><br>OH2BU          |  | <b>3158</b><br>DL4MCF                     |                                |  |

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| <b>3118</b><br>N8DX                                | <b>3096</b><br>W4DXX                   | <b>3075</b><br>K4DY<br>SP9DWT   | <b>3050</b><br>VE1YX                             | <b>3031</b><br>JR7VHZ<br>N2TK<br>W9RPM                            |
| <b>3117</b><br>I0WDX<br>SM3EVR                     | <b>3094</b><br>IK5HHA                  | <b>3073</b><br>K3UA             | <b>3048</b><br>JA1HGY<br>N4BAA<br>N8RR<br>UX1UA  | <b>3030</b><br>G3ZSS  |
| <b>3116</b><br>N0TB                                | <b>3093</b><br>G3XTT<br>JA2JPA<br>W7UT | <b>3072</b><br>AA1V             | <b>3047</b><br>G0DQS<br>G4PWA                    | <b>3029</b><br>S51DI<br>W4TO                                      |
| <b>3113</b><br>JQ3DUE<br>SM6CMU<br>SV1FJA<br>VA3DX | <b>3092</b><br>JG3QZN                  | <b>3071</b><br>KD5M<br>SL0ZG    | <b>3046</b><br>JH2FXK<br>OE2VEL<br>SP1S<br>UT7UJ | <b>3028</b><br>AG9S<br>DL1AMQ<br>G3TXF<br>I4LCK<br>JA5AQC<br>T77C |
| <b>3111</b><br>OH1MA<br>SM5CEU<br>SP2FAX           | <b>3091</b><br>F6AOJ                   | <b>3070</b><br>YO5BRZ           | <b>3044</b><br>N9IW                              | <b>3027</b><br>OH5KW  |
| <b>3110</b><br>DL7VEE<br>OH1ND<br>WD5COV           | <b>3090</b><br>EA3A<br>JH1GZE<br>SP7VC | <b>3068</b><br>N0XA<br>W8UVZ    | <b>3043</b><br>DK5WL<br>K1CP                     | <b>3025</b><br>N4CH   |
| <b>3109</b><br>SM3NRY                              | <b>3088</b><br>AA7A<br>IZ1ANU          | <b>3067</b><br>IK6FWJ           | <b>3042</b><br>JA1UQP<br>YO9HP                   | <b>3024</b><br>DL5DSM<br>F6BEE<br>JA2FBY<br>N6AR                  |
| <b>3108</b><br>I5NPH                               | <b>3087</b><br>ON4AOI                  | <b>3066</b><br>JA2VPO           | <b>3041</b><br>HA8IE<br>W5OZI                    | <b>3023</b><br>VK4MA  |
| <b>3106</b><br>N2QT<br>UT3UA                       | <b>3086</b><br>EA5BM                   | <b>3065</b><br>SV1RK            | <b>3040</b><br>DJ2YA<br>K9CT                     | <b>3022</b><br>AA6YQ<br>DL2OE<br>K0KX<br>K8PT<br>N4RJ<br>OE5KE    |
| <b>3105</b><br>ON4IQ                               | <b>3085</b><br>DK5PR                   | <b>3064</b><br>NR1R             | <b>3039</b><br>WK3N                              | <b>3020</b><br>JA0DAI<br>W3CC                                     |
| <b>3104</b><br>OE3GCU                              | <b>3083</b><br>IK4CIE<br>IK6DLK        | <b>3061</b><br>SP6CIK<br>YO3APJ | <b>3038</b><br>W4PK                              | <b>3019</b><br>N7NR<br>UT9FJ                                      |
| <b>3102</b><br>PA0WRS<br>S59Z                      | <b>3081</b><br>9A2EU                   | <b>3060</b><br>K4MQG            | <b>3036</b><br>SM5KNV                            | <b>3018</b><br>JA3EMU   |
| <b>3101</b><br>DF3GY<br>JE6KYA                     | <b>3080</b><br>9A1CCY<br>KF2O<br>W0BV  | <b>3058</b><br>GM0GAV<br>SP5CJQ | <b>3034</b><br>JA5MHD                            | <b>3017</b><br>KW9A<br>OH1LEU                                     |
| <b>3099</b><br>G4CCZ<br>LY2IJ                      | <b>3079</b><br>SM5AQD                  | <b>3054</b><br>W2YC<br>W5ZN     | <b>3033</b><br>N2LT<br>UB7K                      |   |
| <b>3098</b><br>NJ6P                                | <b>3078</b><br>N3SL                    | <b>3053</b><br>JR6EZE           | <b>3032</b><br>SP8NR<br>UY5ZZ                    |   |
|  | <b>3077</b><br>DF4PL<br>HB9BIN         | <b>3052</b><br>K4XP             |  |   |
|  |  | <b>3051</b><br>OE6MDF           |  |   |

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| <b>3014</b><br>EA6NB<br>HB9AMO<br>K5DU<br>UA4HBW<br>UT5JAJ | <b>3001</b><br>G3SJX<br>JA7QVI<br>JF3KON<br>KY7M<br>N5DG<br>N5KD<br>SP7GAQ<br>US4EX                | <b>2982</b><br>K1HTV<br>K5KC<br>K5XI             | <b>2966</b><br>N3NT                                      | <b>2945</b><br>K2UO<br>RZ3AM                  |
| <b>3013</b><br>R7LV<br>SM6CCO                              |  | <b>2981</b><br>F6DAY                             | <b>2965</b><br>JA0FSB<br>K3FN<br>K4SV<br>N4II<br>W3LL    | <b>2943</b><br>JA2DPC<br>W3KX                 |
| <b>3011</b><br>JR3GWZ<br>SP5DIR                            | <b>3000</b><br>5B4AGN<br>AA4V<br>F5II<br>I5KKW<br>JH4ADV<br>K2FF<br>KX4R<br>OK6DJ<br>US5WE<br>W3DF | <b>2980</b><br>AA1QD<br>JG1ULJ<br>JJ2LPV<br>N4XM | <b>2964</b><br>DJ0MDR<br>IK4DRR<br>SP3DV                 | <b>2942</b><br>W0VTT                          |
| <b>3010</b><br>EI7BA<br>OE1WEU                             |  | <b>2979</b><br>JJ3PRT<br>N6JV<br>W4UM            | <b>2962</b><br>YV1DIG                                    | <b>2941</b><br>N4JF<br>N5ZM                   |
| <b>3009</b><br>F6EXV<br>N0AT<br>SM4DHF                     | <b>2998</b><br>K4UTE   | <b>2977</b><br>K5ESW                             | <b>2961</b><br>MD0CCE                                    | <b>2940</b><br>JH1TWT<br>K5BG<br>W1GL         |
| <b>3008</b><br>JA2JW<br>JA2WYN<br>RW2A                     | <b>2996</b><br>W4VQ  | <b>2976</b><br>EA5RM<br>S53R                     | <b>2960</b><br>W9IXX                                     | <b>2939</b><br>IZ8FFA                         |
| <b>3007</b><br>SP2GJV                                      | <b>2995</b><br>K4SO<br>UA4CC   | <b>2975</b><br>K0IEA<br>NI0G                     | <b>2959</b><br>K4IQJ<br>UA3AKO                           | <b>2938</b><br>HB9RG<br>K0EU<br>OZ8BZ<br>W6XA |
| <b>3006</b><br>DJ8NK<br>R4GM<br>SP3CFM<br>UT7UW            | <b>2994</b><br>LA5IIA  | <b>2974</b><br>OZ3PZ                             | <b>2958</b><br>JA1SYY                                    | <b>2937</b><br>JL1SAM<br>W1TSP                |
| <b>3005</b><br>HA5WA<br>K8SIX                              | <b>2992</b><br>DJ4AX<br>DL7MAE<br>W1YY   | <b>2973</b><br>JH0INP<br>WX4G                    | <b>2955</b><br>JH2UVL<br>NO8D                            | <b>2936</b><br>JA0CRI<br>K4MWB                |
| <b>3004</b><br>EA1DR<br>IV3JVJ                             | <b>2990</b><br>G4OBK   | <b>2972</b><br>N2WK                              | <b>2954</b><br>N8PR<br>SP8AJK                            | <b>2935</b><br>R3OK<br>YU3AA                  |
| <b>3003</b><br>9A5CY<br>OE2LCM<br>OH2BCK<br>PY2BW          | <b>2988</b><br>CT1IUA<br>VE3XN   | <b>2971</b><br>JA2JNA<br>UA6A                    | <b>2951</b><br>K1ZZ                                      | <b>2934</b><br>OH3BU                          |
| <b>3002</b><br>IK2YCW<br>JA0UUA<br>UX0FF                   | <b>2987</b><br>N4MM  | <b>2970</b><br>DJ5FI<br>K9EL                     | <b>2950</b><br>IV3ODE                                    | <b>2933</b><br>CT4NH<br>DK2LO<br>I8IGS        |
|  | <b>2985</b><br>VE2TZT  | <b>2969</b><br>JA6BZI<br>JH1IFS                  | <b>2949</b><br>JA0EOK<br>JA2IVK<br>K5EK<br>N7RT<br>OK1MP | <b>2932</b><br>HB9BZA<br>JA1XEC<br>RA3DX      |
|  | <b>2984</b><br>JA7MSQ<br>K4QL  | <b>2968</b><br>F5NBU                             | <b>2948</b><br>K5EJ                                      | <b>2931</b><br>F2JD<br>JA3PIS                 |
|  |  | <b>2967</b><br>JH1HGC                            | <b>2947</b><br>FK8CP                                     |   |

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| UA3AB<br>W7AO                                     | <b>2914</b><br>OM3DX                                     | <b>2899</b><br>W1CU                              | <b>2881</b><br>I1EIS<br>N5TY                       | <b>2867</b><br>DM5EE<br>K4CN<br>LZ2JE<br>S54E                     |
| <b>2929</b><br>K9RX                               | <b>2913</b><br>OE8RT<br>ON4CD<br>SM6CNN                  | <b>2897</b><br>OZ1CTK                            | <b>2879</b><br>G3LZQ<br>JA5IU<br>LA5HE<br>W4DKS    | <b>2866</b><br>KN4F<br>RY9C                                       |
| <b>2928</b><br>DJ4PI<br>IK5ACO<br>JA2FJP<br>RA7A  | <b>2912</b><br>K4HB                                      | <b>2896</b><br>9A3SM<br>KG7H                     | <b>2878</b><br>IV3YYK<br>JA2ZL<br>N8TR<br>RW0LT    | <b>2865</b><br>UA3DPM   |
| <b>2927</b><br>EA6VQ<br>K1ST                      | <b>2911</b><br>CT1ILT<br>K1UO                            | <b>2895</b><br>N4QS                              | <b>2877</b><br>SM3VAC<br>UR5WA<br>UX1AA<br>WA7NB   | <b>2864</b><br>A45XR  |
| <b>2926</b><br>K0SR<br>RA3CQ<br>UA4CR             | <b>2910</b><br>K4XO                                      | <b>2894</b><br>RJ3AA<br>W2IRT                    | <b>2876</b><br>JE2LUN<br>SM6CTQ                    | <b>2863</b><br>DJ5AV<br>WB4OSS                                    |
| <b>2925</b><br>HA5AGS<br>IK6SNR<br>JA9CHI<br>N5AW | <b>2909</b><br>JA0GJJ                                    | <b>2893</b><br>W0MHK                             | <b>2862</b><br>AA1ON<br>K3WW<br>R3AW               | <b>2860</b><br>IT9JNR<br>YO7LCB                                   |
| <b>2923</b><br>IK5MEN<br>N9US<br>OE5NNN           | <b>2908</b><br>HA1RW<br>K8FL<br>RW5C                     | <b>2892</b><br>N4NX                              | <b>2875</b><br>AC4G<br>JA1ANR<br>W1RM              | <b>2859</b><br>HL3IUA<br>JA1EOD<br>LA7JO                          |
| <b>2922</b><br>DK1FW                              | <b>2907</b><br>DL1EJA<br>K2UU                            | <b>2890</b><br>OZ1AXG                            | <b>2874</b><br>OH3JR<br>RU3FM                      | <b>2858</b><br>HK3W<br>LA4GHA<br>SM6DHU                           |
| <b>2921</b><br>EA4KD<br>K9ZO                      | <b>2906</b><br>EA3JL<br>OZ4O<br>UA3TCJ<br>W6UB<br>WB6RSE | <b>2889</b><br>AB3CV<br>JA1ADT<br>JR4OZR<br>K3WC | <b>2872</b><br>JA8EAT<br>K4HGX<br>RA4CC            | <b>2857</b><br>JA4FKX<br>JI4POR<br>N4DB<br>OH1TV<br>R5AJ<br>UA6MF |
| <b>2919</b><br>DL1DUL<br>K1AR<br>K9NU             | <b>2905</b><br>PY5HOT<br>W8AV<br>WI8A                    | <b>2888</b><br>N8JV                              | <b>2871</b><br>JA7JWF<br>N2NL                      | <b>2856</b><br>K9NW<br>N4PQX<br>OH2BLD<br>W9RN                    |
| <b>2918</b><br>KA9CFD                             | <b>2904</b><br>AD5A<br>PY5EW                             | <b>2887</b><br>IK6GPZ<br>JA6LCJ<br>JF1PUW        | <b>2870</b><br>ZS4TX                               | <b>2855</b><br>OE1ZL  |
| <b>2917</b><br>9A2NO<br>IZ1BII                    | <b>2901</b><br>I3BUI<br>IW1ARB<br>JF8QNF                 | <b>2886</b><br>JO7WXN<br>K6ND<br>OH5VT           | <b>2869</b><br>EA5BY<br>JA2XYO<br>JN7FAH<br>SP6HEQ |   |
| <b>2916</b><br>EA3GP                              | <b>2900</b><br>9A2F<br>EU7A                              | <b>2884</b><br>K3UL<br>NK1K<br>OK1CF             | <b>2868</b><br>AB4IQ<br>N8BM                       |   |
| <b>2915</b><br>W5XX                               | <b>2900</b><br>9A2F<br>EU7A<br>IZ1LBG<br>JF4VZT          | <b>2883</b><br>SM5CZQ                            |  |   |
|   |  | <b>2882</b><br>N4HU<br>RZ1OA                     |  |   |

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| <b>2854</b><br>KG4W<br>RV3LO                     | <b>2839</b><br>K2VV  | <b>2824</b><br>AB6QM<br>EA1N                            | 9A8A<br>K7ZV  | WA5VGI   |
| <b>2852</b><br>IK0MHR<br>K4ZYU<br>W4FC           | <b>2838</b><br>SM4EMO<br>W1DIG                                   | IK1WGX<br>JA4MRL<br>K0DEQ<br>RZ3DX<br>W2SM              | <b>2811</b><br>NE1B                                     | <b>2798</b><br>SP7HOV<br>SV1JG                                   |
| <b>2851</b><br>W3NO                              | <b>2837</b><br>DL6ATM<br>KV7K<br>VE1DX<br>VE3FF<br>W5TCX<br>W9OP | <b>2823</b><br>NY0V<br>WP4U                             | <b>2810</b><br>DK3DG<br>N4DW<br>SV1CNS                  | <b>2796</b><br>JS3CTQ  |
| <b>2850</b><br>JH1ECG<br>JR3VXR<br>SP3CGK        | <b>2835</b><br>K9YY<br>UA1OIZ                                    | <b>2822</b><br>LA7AFA                                   | <b>2809</b><br>DL6KR<br>WA2VYA                          | <b>2795</b><br>NQ1K  |
| <b>2849</b><br>IK7NXM<br>RY7G                    | <b>2834</b><br>R7NW<br>SM3NXS<br>VE3EXY                          | <b>2821</b><br>IU7QBB<br>JO1WKO<br>N4AH<br>UA0ZC        | <b>2808</b><br>I4MKN<br>IK2QPR<br>LB8DC                 | <b>2794</b><br>IK4PLW<br>W2LO                                    |
| <b>2848</b><br>N5UR<br>VE3LYC                    | <b>2832</b><br>K5ZK  | <b>2819</b><br>JI2KXK                                   | <b>2807</b><br>DK6WA<br>W1TC                            | <b>2793</b><br>RA3DA   |
| <b>2847</b><br>N2TU                              | <b>2831</b><br>CT1FMX<br>DK2NG<br>JA9LJS                         | <b>2818</b><br>I6FLD<br>JE2URF                          | <b>2806</b><br>G3SNN<br>JS2LHI<br>K1OA<br>N9AU          | <b>2792</b><br>AA5AM<br>SM0CCM<br>UT2UB                          |
| <b>2846</b><br>IK1YED<br>KF0QR<br>R7DX           | <b>2830</b><br>4Z5CX<br>K9EU<br>UA3AP                            | <b>2817</b><br>AI9L<br>JR3OEH<br>LA7HJA<br>RU6B<br>S52F | <b>2805</b><br>5B4MF<br>HA9PP<br>JH4JNG<br>K1DG<br>W9XY | <b>2789</b><br>IK4HLU<br>VE3DZ                                   |
| <b>2845</b><br>JF2UPM<br>K8ZTT<br>R9FM<br>WA4FFW | <b>2829</b><br>DJ9HX<br>W8OI                                     | <b>2816</b><br>IK5DNF<br>SP1MGM                         | <b>2804</b><br>DL5WW<br>VA5DX                           | <b>2788</b><br>JA9RRH<br>N5ORT                                   |
| <b>2844</b><br>UA4LY                             | <b>2828</b><br>OK2ZU   | <b>2815</b><br>9H1SP<br>E72A<br>RL9F<br>SV1DPI<br>W7DO  | <b>2803</b><br>EA3WD<br>HB9DDO<br>JA8DNV                | <b>2787</b><br>IZ5DKJ<br>JA3RAR<br>KN5O<br>VE3BW<br>W5XC<br>W9MU |
| <b>2843</b><br>W1ECT<br>W8GC                     | <b>2827</b><br>JA1SJV<br>N5OK                                    | <b>2814</b><br>JA9FPI<br>K5KLA<br>KC7V                  | <b>2802</b><br>EA1YO<br>IK0XBX<br>UR5EDX                | <b>2785</b><br>JH1NYM<br>WB9CIF                                  |
| <b>2842</b><br>JA2BDR<br>JA9APS<br>PY5EG         | <b>2826</b><br>AA4HP   | <b>2813</b><br>JE1SYN                                   | <b>2800</b><br>RU3QR                                    | <b>2784</b><br>K5AQ<br>W7KNT                                     |
| <b>2841</b><br>JF1WPB<br>K3WA                    | <b>2825</b><br>DL4CF<br>JL1UXH<br>K5XX                           | <b>2812</b><br>9A4T                                     | <b>2799</b><br>JR2LJO<br>W6OAT                          | <b>2783</b><br>N5FG  |
| <b>2840</b><br>EA1DFP                            |  |   |   |  |

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| <b>2782</b><br>IK0PEA<br>MM0EAX<br>SM6BZV       | K9US<br>WA2WSX                                   | <b>2750</b><br>JA6VQA<br>K6XT<br>N8DJX                      | <b>2735</b><br>DK0PM<br>G0BNR<br>K8NVR<br>WT8C                    | <b>2722</b><br>NS4C   |
| <b>2781</b><br>9A2JK<br>AJ6T<br>RN3QN<br>UA3LAR | <b>2764</b><br>AI0O<br>JA4DLP<br>K2RW            | <b>2748</b><br>JN1BMX<br>W6RLL                              | <b>2734</b><br>RD3K   | <b>2721</b><br>AD1C<br>DL9GFB<br>SP2BMX                                     |
| <b>2780</b><br>K7NN<br>N7US                     | <b>2763</b><br>F5PAC                             | <b>2747</b><br>G4IRN<br>N6ET<br>VA2WA                       | <b>2733</b><br>CU2DX  | <b>2720</b><br>AB9V<br>K3PA<br>ON4IZ<br>SV2AEL<br>US0KW<br>UX3IW            |
| <b>2779</b><br>HB9HFN<br>NI6T<br>W6SR           | <b>2762</b><br>9A1HBC<br>DJ9VA                   | <b>2746</b><br>KP2A<br>UY5AA                                | <b>2732</b><br>JA6CRP<br>K1BD<br>UT8IO<br>W7OM                    | <b>2719</b><br>F5CQ<br>W6YI   |
| <b>2777</b><br>DK5AD<br>JR1XIS<br>W0YG          | <b>2761</b><br>I4KDJ<br>JL1RUC                   | <b>2745</b><br>W2LK   | <b>2730</b><br>IK4ADE<br>K1NU                                     | <b>2718</b><br>DF2UU<br>DJ9ON<br>G4GIR<br>KK2I<br>KZ2I<br>OE6DK             |
| <b>2776</b><br>K8GG                             | <b>2760</b><br>JA1DUH<br>RA0FF<br>SM2OAN<br>UN5J | <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>2716</b><br>DL7BA<br>UA9FAR  |
| <b>2775</b><br>9A2NA<br>JA7KY                   | <b>2759</b><br>IW0HEX<br>K0JGH<br>ZS6EZ          | <b>2742</b><br>4Z5MU<br>DL5ME<br>KB0EO<br>WE9R              | <b>2728</b><br>JA9TWN<br>JJ3HGJ                                   | <b>2715</b><br>LA3MHA<br>NN4X   |
| <b>2774</b><br>HB9DHK<br>JH3VNC                 | <b>2758</b><br>JE8BKW<br>PY2SP                   | <b>2741</b><br>DF6PB<br>JA1KQX                              | <b>2727</b><br>JA3AZD   | <b>2714</b><br>JA6WJL<br>JI8DGO<br>JR7WFC<br>K0KT<br>NX7U<br>RA3QK<br>W0DJC |
| <b>2771</b><br>K2CL<br>PA3C<br>UA3AGW<br>UR5MID | <b>2756</b><br>JH3CUL<br>RV3FT<br>W1FJ           | <b>2740</b><br>I1FQH<br>JE1FQV                              | <b>2726</b><br>F6FXU<br>RX4HZ                                     | <b>2713</b><br>JA5WIZ<br>K1GG<br>UA0CW                                      |
| <b>2770</b><br>HB9ALO<br>JF2XGF<br>N0AV         | <b>2755</b><br>DL5AN<br>IK0FVC<br>SP6CES         | <b>2739</b><br>SP3IBS                                       | <b>2725</b><br>JF0EHX<br>R3VA<br>WB4TDH                           | <b>2712</b><br>F6HDH<br>JR6FC<br>W8HW                                       |
| <b>2769</b><br>F4BKV                            | <b>2754</b><br>KC9ARR                            | <b>2738</b><br>EA7R<br>JA2VQF<br>JA5XAE<br>JR7BDQ<br>SP9JZU | <b>2724</b><br>HB9DDZ<br>I7CSB<br>JA3FGJ<br>PA3EWP<br>PY2YP       | <b>2711</b><br>SV1BTK   |
| <b>2768</b><br>G0OIL<br>JA4PXC                  | <b>2753</b><br>W9AJ                              | <b>2737</b><br>JA3GN<br>UT7UV                               | <b>2723</b><br>R7AA<br>W1YM                                       |   |
| <b>2766</b><br>HA7TM<br>IK0FUX                  | <b>2752</b><br>AG4W<br>SM4DDE                    | <b>2736</b><br>N5XZ   |   |   |
|   | <b>2751</b><br>HB0CC<br>UA4HAU                   |   |   |   |

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| <b>2710</b><br>JA4OK<br>K5MC   | WA2HZO  | <b>2686</b><br>W5ADD                    | <b>2668</b><br>JA7MOL<br>W9XX                    | <b>2656</b><br>DL5CW<br>K0JY<br>LA5LJA                           |
| <b>2709</b><br>HB9AUS<br>JA8RJE<br>R9TO                                      | <b>2699</b><br>IZ8XQC<br>K8WK<br>N7RO<br>UT4MF<br>YU1CC                   | <b>2684</b><br>DF2RG<br>JK1EXO<br>W5CIA | <b>2667</b><br>W5AJ                              | <b>2655</b><br>HB9LCW<br>UA3TT                                   |
| <b>2708</b><br>CT1BH<br>JE2LPC<br>K3RA<br>OZ1ADL<br>PY4OY                    | <b>2698</b><br>K8GI<br>K9MK<br>WB3AVN                                     | <b>2683</b><br>PY7DJ                    | <b>2666</b><br>CT1BOL<br>G4WFQ<br>N7KA           | <b>2654</b><br>SP6DNZ<br>W8DCH                                   |
| <b>2707</b><br>DM2DXA<br>G0BLB<br>R5DT                                       | <b>2697</b><br>KJ3L   | <b>2682</b><br>KA9FOX<br>N9FN           | <b>2665</b><br>4Z4DX<br>F5HNP<br>N2BJ<br>WA8WV   | <b>2653</b><br>JA3APL<br>S52DD                                   |
| <b>2706</b><br>K5RT<br>W1MK  | <b>2696</b><br>AJ9C<br>RW3RN  | <b>2678</b><br>DF2IS<br>K6AM            | <b>2664</b><br>K4SE<br>W8TN                      | <b>2652</b><br>AF9H<br>LA8PT<br>SK3PY<br>UT5EL<br>W5LT<br>WB0TEV |
| <b>2705</b><br>G5LP  | <b>2695</b><br>W5FKX  | <b>2677</b><br>W4BP                     | <b>2663</b><br>I5ZGQ<br>JH3VWN<br>OE4PWW         | <b>2651</b><br>AA9A<br>JN1RQV                                    |
| <b>2704</b><br>JR1BAS<br>K0JUH   | <b>2694</b><br>AA5C   | <b>2676</b><br>JA9NLE<br>UN6T           | <b>2662</b><br>JE2OVG<br>K7BG<br>UW5ZM           | <b>2650</b><br>G4OWT<br>JA7MFL<br>JH1HHC<br>W8HC                 |
| <b>2703</b><br>DL1YD<br>K8EUR<br>KA1R<br>NM6V<br>SP6M<br>W0FLS               | <b>2693</b><br>W0AW   | <b>2675</b><br>HB9SLO<br>JH7XRG         | <b>2661</b><br>W9ILY                             | <b>2649</b><br>AD5Q<br>IK8YTA                                    |
| <b>2702</b><br>JA2LCP<br>JF7XKY<br>WP4G                                      | <b>2692</b><br>EA7TV  | <b>2674</b><br>AH7C<br>G4IY             | <b>2660</b><br>DJ4XA<br>RM0F<br>RW4NN<br>SP3QDM  | <b>2647</b><br>JE3GRQ<br>K0KVR<br>KS1J<br>W7CT                   |
| <b>2701</b><br>OE3EVA<br>R6AF  | <b>2691</b><br>WE7K   | <b>2673</b><br>IW0SAF<br>W9NGA<br>YS1RR | <b>2659</b><br>IT9DSZ<br>K8BCK<br>KZ4V<br>LA9AJA | <b>2646</b><br>JF1UVJ  |
| <b>2700</b><br>DJ9ZB<br>DL6MRS<br>JA9PPC<br>JH7RXU<br>K7PI<br>N9LB<br>RA9CMO | <b>2690</b><br>JA1XCZ<br>OE1AZS<br>SP7ITB<br>W1SKU                        | <b>2672</b><br>G3VKW                    | <b>2658</b><br>ON4ON<br>UW2ZM<br>W4QN            | <b>2645</b><br>JR2UBS<br>SM5FUG                                  |
|  | <b>2689</b><br>EA2IA<br>HA1RB<br>JE1LFX<br>K5GKC<br>K8AC<br>W2KKZ<br>W6VX | <b>2671</b><br>JE7JDL                   | <b>2657</b><br>IK4BHO<br>N3MN<br>RA1QD<br>WN6W   | <b>2644</b><br>DF3UB<br>KE9ET<br>VE6WQ                           |
|  | <b>2688</b><br>JA0DIN   | <b>2670</b><br>DL3ZA<br>SP9ODY<br>YL2MU |  |  |
|  | <b>2687</b><br>W3AP   | <b>2669</b><br>KB8VAO<br>WX2S           |  |  |

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| <b>2643</b><br>W2PK   | <b>2630</b><br>NA5C  | W2QO<br>W4TV   | <b>2608</b><br>E73Y<br>JA2EPW<br>VK3QI                     | JI1DHY   |
| <b>2642</b><br>OE5FIN<br>SM0NJO<br>SP9RCL                           | <b>2629</b><br>JA2AHH<br>OH6RX                             | <b>2617</b><br>K4JJW<br>N5LZ<br>S52OT                              | <b>2607</b><br>JK1KSB<br>KE8UN<br>KU0A                     | <b>2596</b><br>K8IU<br>WA3C  |
| <b>2641</b><br>JG0CQK<br>K8TL<br>OE1WHC                             | <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>2606</b><br>PE1L  | <b>2595</b><br>JA3APU<br>W2YJ<br>W3GQ                              |
| <b>2640</b><br>DL6ZXG<br>IV3RAV                                     | <b>2627</b><br>G3WPH                                       | <b>2615</b><br>K6SIK<br>KG9N<br>PA1CW<br>SP5IWA                    | <b>2605</b><br>9A4W<br>JA4ITW                              | <b>2594</b><br>IT9PKO<br>JA5FBZ                                    |
| <b>2639</b><br>K9IR   | <b>2626</b><br>IZ3ENH<br>IZ8VYU<br>WA1JMP                  | <b>2614</b><br>DL1DA<br>JA1WSX                                     | <b>2604</b><br>DK9KX<br>HB9TKS<br>JA1GHH<br>YB5QZ          | <b>2593</b><br>K1RO<br>K4XD<br>N7IR                                |
| <b>2638</b><br>CX6VM<br>JA2CXF<br>N4TL<br>RW3XZ<br>SV3DCX           | <b>2625</b><br>G3SVD<br>K2EP                               | <b>2613</b><br>EI6FR<br>KK9DX<br>N1NK<br>N1SV                      | <b>2603</b><br>K4XI  | <b>2592</b><br>JK1OPL<br>K5LJ                                      |
| <b>2637</b><br>JE2DZC<br>JH8RZJ<br>UA0FZ                            | <b>2624</b><br>DF9ZW<br>JH1QAX                             | <b>2612</b><br>DL1DUO<br>IV3IZU<br>K4TT<br>N5GH<br>RL3FA<br>WB8BPU | <b>2602</b><br>DL2KQ<br>IZ0RVI<br>JA7JI<br>W8TWA           | <b>2591</b><br>DL4SZB<br>WA0MHJ                                    |
| <b>2636</b><br>EA5GPQ<br>K1LPS<br>K3JGJ<br>K8VJV<br>N8KOL<br>SM6CUK | <b>2622</b><br>RA3ZH<br>RZ4FO<br>W4FQT                     | <b>2611</b><br>K2LS<br>K5VIP<br>OH9MDV<br>SP3CJS<br>W2JU           | <b>2601</b><br>HA0UZ<br>JA0IXW<br>JG3IWL<br>JG4AKL<br>K7WP | <b>2590</b><br>EA8JF<br>RW7M                                       |
| <b>2634</b><br>I5HOR<br>S57AC                                       | <b>2621</b><br>EC3A<br>KD6WW<br>W4WM                       | <b>2610</b><br>K6YUI<br>LA3WAA<br>NF9V                             | <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>2620</b><br>AA5AU<br>AJ3K                               | <b>2609</b><br>JM1FHL<br>K1KD<br>K4WA<br>WD8JJA                    | <b>2599</b><br>JA1IZZ                                      | <b>2588</b><br>JA9CHJ<br>N2TN<br>OE3SGU                            |
| <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>2598</b><br>JM1XCW<br>K1USA<br>K5WK<br>N1RR             | <b>2587</b><br>DK8MCT<br>EI9JF<br>JA7MA<br>WC5N<br>ZS1LS           |
|   | <b>2618</b><br>K7BV  |  | <b>2597</b><br>DL6CNG<br>JA2TBS                            | <b>2586</b><br>CU2AP   |
|   |  |  |  | <b>2585</b><br>OM4EX   |



|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| RK4FD       | SK0TM       | EA1EAU      | <b>2550</b> | <b>2538</b> |
| <b>2584</b> | <b>2571</b> | G3KWK       | HL2WA       | JA9FAI      |
| JA3ENN      | N8LJ        | JA1NWD      | K1DT        | SV1LK       |
| <b>2583</b> | <b>2570</b> | NN4R        | W3OA        | <b>2537</b> |
| WB5JID      | CT3MD       | W1YIF       | <b>2549</b> | JF2WGN      |
| <b>2582</b> | JA1CLW      | W9OL        | DL5CF       | UW8SM       |
| G3NDC       | OK2QA       | <b>2560</b> | SK7AX       | <b>2536</b> |
| W7BEM       | RA1QY       | K3JT        | <b>2548</b> | K0RS        |
| <b>2581</b> | W6PJ        | KQ8M        | 9K2OD       | K6EID       |
| JA7LGE      | <b>2569</b> | <b>2559</b> | EA1AF       | UN7LZ       |
| JE2EHP      | K0BBC       | JA1WSK      | IW2FND      | <b>2535</b> |
| K8YTO       | NN4SS       | JA9AGN      | OH2ZZ       | AA6AA       |
| W9YSX       | RU6L        | <b>2558</b> | SP1JRF      | LA2PA       |
| <b>2580</b> | <b>2568</b> | DL9MRF      | <b>2547</b> | WA6YEE      |
| DK2GZ       | RD3AW       | JA1QOA      | YV5JBI      | <b>2534</b> |
| JA1GRM      | <b>2567</b> | SM6BGG      | <b>2546</b> | DL2CHN      |
| JA1VSL      | DL5EBE      | WB9EEE      | IK5PWQ      | IV3GOW      |
| <b>2579</b> | N4RWG       | XE1KK       | JA4LXY      | N8PW        |
| I8JIT       | N8OC        | <b>2557</b> | PC3T        | R8TX        |
| KG8P        | PY5CC       | DK3WW       | SP6TRX      | <b>2533</b> |
| KM1D        | SV2BFN      | JA8EJO      | W7MO        | JA4DEN      |
| UA0SR       | <b>2566</b> | S55DX       | WS9V        | R9AB        |
| <b>2578</b> | DL3OH       | <b>2556</b> | <b>2545</b> | <b>2532</b> |
| SP9UPH      | JA2VMU      | DL1KUR      | DF9KF       | W3JX        |
| W6NWS       | NC9T        | PA5TT       | EA3BT       | W3RJW       |
| <b>2577</b> | YO2RR       | W0VX        | UY5BC       | <b>2531</b> |
| IK5BAF      | <b>2565</b> | <b>2555</b> | W9BF        | JA1ELY      |
| IZ8DFO      | DL5XJ       | CT3HF       | <b>2544</b> | UA6YW       |
| JA1IOA      | F3SG        | IK5RUN      | HB9CEX      | W9FR        |
| N7XR        | N4QQ        | JA1WPX      | IZ5EKV      | <b>2530</b> |
| VE3MWX      | WO2T        | OZ1HX       | <b>2543</b> | AA4SC       |
| W1KSZ       | <b>2564</b> | SP6EQZ      | K6FW        | IZ5JMZ      |
| WB8ZRL      | I1JQJ       | <b>2554</b> | K7ZA        | <b>2529</b> |
| <b>2576</b> | JA7BWT      | IT9DAA      | <b>2542</b> | DF2GH       |
| IK0HFO      | J11LET      | JA3RQ       | JE3ENP      | HK4SAN      |
| JA2FGL      | PY2KP       | K0BJ        | W7LR        | K8QM        |
| JF6WTY      | VE3CFK      | W3BW        | <b>2541</b> | RA3WDK      |
| SV5DKL      | W5BPT       | <b>2553</b> | JF1KKV      | UA1OMS      |
| <b>2575</b> | <b>2563</b> | RW4C        | W3DRY       | <b>2528</b> |
| CT1GFK      | K7XB        | W1YW        | <b>2540</b> | AD6W        |
| N3KK        | UA6EX       | <b>2552</b> | EI9FBB      | JM1CYJ      |
| <b>2573</b> | <b>2562</b> | OE8HIK      | KE4YD       | LA5YJ       |
| SP8FNA      | PY2NQ       | <b>2551</b> | W6QUV       | <b>2527</b> |
| <b>2572</b> | <b>2561</b> | KM4H        | <b>2539</b> | IZ4GWE      |
| KD0Q        | AA4R        | SP3SLA      | RA3S        | JA6BJV      |
|             | AA5AT       |             |             | K9JF        |

|  |   |  |  |  |
|--|---|--|--|--|
| <b>2526</b><br>IK2OHG<br>JA1LSP                                    | WO7R<br>YV5NWG  | <b>2507</b><br>RU6M<br>SM6NOC<br>W6BJH   | W5VY<br>W6JRY<br>WA9PIE  | <b>2491</b><br>N3RC<br>WA3AFS                |
| <b>2525</b><br>I8SAT<br>JH1AGU<br>K2PK                             | <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>DL1HRN<br>EA5BRE<br>IZ7FLP<br>IZ8FWN<br>IZ8IEV<br>JJ1DWT<br>K1ZN<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR | <b>2490</b><br>JG8FWH                        |
| <b>2524</b><br>HB9CZR<br>JA1RTX<br>JH1EEB<br>K0TT<br>N5AO<br>OH1XT | <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<br>W1VT<br>W6RW  | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2489</b><br>G3OAG<br>K6RO<br>N9RD         |
| <b>2523</b><br>G8DX<br>JH4HMG<br>UN7TW<br>W6ENZ<br>WA2BCK          | <b>2513</b><br>9A2X<br>JE1PNX<br>WT8V                               | <b>2504</b><br>E72U<br>EU1KY<br>IK7XLU<br>K9MBQ<br>LU2NI                           | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2488</b><br>I0JBL<br>ON6AA                |
| <b>2522</b><br>K1HT<br>W8RLS                                       | <b>2512</b><br>IK8EPC<br>JA0DET<br>KI0KB<br>RV9CX<br>UA0CA<br>UT7UU | <b>2503</b><br>CT1EAV<br>DJ3AA<br>EA5CRC<br>K3NK<br>RN8W<br>SP8HKT<br>W1ZT<br>W2XI | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2487</b><br>N6RV                          |
| <b>2521</b><br>KM4HI   | <b>2511</b><br>CT1FPQ<br>EV1R<br>JH3AIU<br>KR4F<br>W6TC             | <b>2502</b><br>G4IUF<br>JH1OAI<br>KT8X<br>RV1CC<br>UN7JX<br>W5ZG                   | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2486</b><br>S52RZ<br>W1AIM                |
| <b>2520</b><br>IT9XTP<br>JA5BEN<br>RA4CA                           | <b>2510</b><br>DK5AI<br>LY1G<br>N4PY<br>VK3GA<br>W8KEN              | <b>2501</b><br>EA3CJ<br>G0EHO<br>IZ3GOG<br>JA1TMG<br>K8OM<br>LA9VFA<br>W4WT        | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2485</b><br>JR1DUP<br>K2KA                |
| <b>2519</b><br>KB1EFS<br>N4GN<br>RG5A<br>RZ6BS                     | <b>2509</b><br>I2EOW<br>JH0INE<br>JR1BLX<br>NQ7R<br>US3LR<br>W4VIC  |  | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2484</b><br>EI2GLB<br>JH0BQX              |
| <b>2518</b><br>HL3GOB<br>JA9CWJ<br>JG3LGD<br>VK3HJ                 |   |  | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2483</b><br>K3XA<br>K8BL<br>LU3CQ<br>N1LN |
| <b>2517</b><br>RN3OG<br>W1OX<br>W7AL                               |   |  | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2482</b><br>XE2CQ                         |
| <b>2516</b><br>CT1CJJ<br>K4EM<br>K5WAF                             |   |  | K1ZU<br>K2UR<br>K4MS<br>LA7GIA<br>N4QV<br>N9BX<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR   | <b>2481</b><br>IZ5RVG<br>JA2AH<br>JR6LLN     |

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| <b>2477</b><br>JJ1SKG<br>SV1VS                     | <b>2463</b><br>JA9NFO<br>K6KO  | OH2FT  | JE8TGI<br>SM5CZK<br>WA9CVK                         | VE6LB   |
| <b>2476</b><br>9A4WY<br>DS5USH<br>K9SM             | <b>2460</b><br>JA8BNP<br>W8LGJ                                       | <b>2449</b><br>W7YAQ                           | <b>2433</b><br>DL6JZ<br>IK4AUY<br>LB2TB            | <b>2419</b><br>IK2EGL<br>JA1FNO                   |
| <b>2475</b><br>OZ2PBS<br>ZL3JT                     | <b>2459</b><br>K2AZ  | <b>2448</b><br>JA1GHR<br>K3VAT<br>K7GM<br>WA6F | <b>2432</b><br>KA2D<br>KI5BLU<br>ON4CAS            | <b>2418</b><br>N9ISN<br>SV1IW                     |
| <b>2474</b><br>JA4EPE<br>PY2VA                     | <b>2458</b><br>EA1CP<br>JA1ADN<br>JF3LOP<br>JH1BZJ<br>N0KV<br>WD9DZV | <b>2447</b><br>N6PF                            | <b>2431</b><br>BA4RF                               | <b>2417</b><br>JA6BEE                             |
| <b>2473</b><br>DF3IS                               | <b>2457</b><br>N5KM  | <b>2444</b><br>JK1GOK                          | <b>2430</b><br>AF4HX<br>KT1J                       | <b>2416</b><br>IV3HYD<br>N7BT<br>OE6VIE<br>SV1ACK |
| <b>2472</b><br>SP7TF                               | <b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                                | <b>2443</b><br>G4DJX                           | <b>2427</b><br>IV3VBM<br>JH3GCN<br>LX2A            | <b>2415</b><br>WQ5W                               |
| <b>2471</b><br>JA1HRQ                              | <b>2455</b><br>JA7AUM<br>K9NR<br>N5MOA                               | <b>2442</b><br>DL4CW                           | <b>2426</b><br>EA3GHZ<br>N4GG<br>W9DC              | <b>2414</b><br>I4ENO<br>JI1NJC<br>KG6I            |
| <b>2470</b><br>IK0AGU<br>JH1QDB<br>SV2DGH          | <b>2454</b><br>K7SP<br>LA9VDA<br>N2JJ<br>OH6JD<br>SM5GMZ<br>W2OO     | <b>2441</b><br>K5FUV<br>S57AT<br>W5IF<br>W8MJ  | <b>2425</b><br>DJ9RR<br>JA2FBC<br>JE6TSP<br>ZS6WB  | <b>2413</b><br>DK1WB<br>KA8ZPE                    |
| <b>2469</b><br>CT1FCX<br>G4BUE                     | <b>2453</b><br>JA8KSF<br>SV1GYG                                      | <b>2440</b><br>EA5AT<br>K5PS<br>SM5CLE<br>W5PF | <b>2424</b><br>W2OIB<br>WQ3X                       | <b>2412</b><br>9K2HN<br>A65BR<br>I5OYY            |
| <b>2468</b><br>IK5CBE<br>N6DX<br>OZ8SW             | <b>2452</b><br>F5LVL<br>JA1FQI<br>KD0PO<br>RC9F<br>WB2REM            | <b>2439</b><br>F3AT<br>JR2PMT                  | <b>2423</b><br>DL2VPO<br>OH8LXT<br>W1EBI           | <b>2411</b><br>JA2NDQ<br>SM4AZQ                   |
| <b>2467</b><br>DL1TRK<br>W0GJ                      | <b>2451</b><br>UA0BA   | <b>2438</b><br>DL9TJ                           | <b>2422</b><br>WL7E                                | <b>2410</b><br>I0YQV<br>IK4MSV<br>JA5SUD<br>KJ0M  |
| <b>2466</b><br>CT3FT<br>KD3CQ<br>SV9COL            | <b>2450</b><br>IK0LNN<br>JF1IRW                                      | <b>2437</b><br>DS1JFY<br>W9OA                  | <b>2421</b><br>AA8OY                               | <b>2409</b><br>HA5AO                              |
| <b>2465</b><br>K5VWW                               |  | <b>2436</b><br>SP6A<br>W0AWL                   | <b>2420</b><br>CT1APN<br>DJ5JH<br>GM3YOR<br>JA1JAT | <b>2408</b><br>KB1JZU                             |
| <b>2464</b><br>IZ2AMW<br>JA1IXY<br>JA1VLK<br>W6SZN |  | <b>2435</b><br>JH4GJR<br>K9ZM<br>N3CZ          |  | <b>2407</b><br>CT1DKS<br>ZL1BYZ                   |

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| <b>2406</b><br>HB9CQK<br>JE8CLT<br>K1LT<br>N6HC<br>W2AY                    | JH1BNC<br>PA3CSR                                       | <b>2380</b><br>EA1RT<br>JA4BXL<br>JA9GPG<br>K1ESE<br>ON4ATW | <b>2366</b><br>4Z5AV<br>BA4DW<br>HB9IQB<br>K9FD*                  | <b>2354</b><br>K0XB                                       |
| <b>2405</b><br>IV3KFB<br>K6PJ<br>OE2BZL<br>OH1NX                           | <b>2395</b><br>KJ6P<br>W9XT                            | <b>2378</b><br>F5IL<br>JA8JTH                               | <b>2365</b><br>EA3NP<br>PY2MC                                     | <b>2353</b><br>JR7FRW                                     |
| <b>2404</b><br>IK2VUC<br>JA4FHE<br>K5KV<br>KS3F<br>PY2DS<br>SV9AHZ<br>WA0I | <b>2393</b><br>JR4LNG<br>W2GW                          | <b>2377</b><br>HL4CJG<br>IZ4MJP<br>ZS2DL                    | <b>2364</b><br>AA8LL  | <b>2352</b><br>N1EN                                       |
| <b>2403</b><br>JG3SKK<br>R0FA  | <b>2392</b><br>K6EME<br>K9FN<br>N2WB<br>PA7TWO<br>W4HG | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>NE3F                     | <b>2363</b><br>K4ZO<br>N8BJQ<br>RA5BM<br>VE3VHB<br>W7ZJ           | <b>2351</b><br>OE5RLM<br>W1OPD<br>WD0DAN                  |
| <b>2402</b><br>N9JV  | <b>2390</b><br>JA1TAA<br>K9RS                          | <b>2375</b><br>JA0AOO                                       | <b>2362</b><br>IZ8DBJ<br>JA7QFU<br>WA1S                           | <b>2350</b><br>DL3OI<br>IK2SGB<br>N7DC<br>VU2NKS<br>W9EWZ |
| <b>2401</b><br>HA7UW<br>JI4WAO<br>N2NS                                     | <b>2389</b><br>SV1QN                                   | <b>2374</b><br>KA7T<br>RN3RQ                                | <b>2360</b><br>N6MZ<br>N8SNM<br>W8MET                             | <b>2349</b><br>GM0AXY                                     |
| <b>2400</b><br>IZ2FOS<br>JA1ALT<br>LA0FA<br>NA5DX<br>W8WEJ                 | <b>2387</b><br>HP2AT                                   | <b>2373</b><br>JE1DXC<br>K7ZD<br>W2LE                       | <b>2359</b><br>K9YC<br>W4DC                                       | <b>2348</b><br>DJ5JK<br>DL8SCG<br>K7UA<br>LU4FPZ<br>N9CK  |
| <b>2399</b><br>N5UL  | <b>2386</b><br>JA1BPA<br>JF1RYU<br>K4YMQ               | <b>2372</b><br>K1NTR  | <b>2358</b><br>K3FRK<br>WF4U                                      | <b>2347</b><br>IW0HQE<br>IZ3ETU<br>PY2IQ                  |
| <b>2398</b><br>AA3B<br>DJ4GJ<br>DL2FAG<br>K2SX                             | <b>2385</b><br>DL8LE<br>W2NO                           | <b>2371</b><br>HB9BAT<br>K8UT                               | <b>2357</b><br>KF7PG<br>UN9L                                      | <b>2346</b><br>G3NKC<br>JA9AA<br>KS0DX                    |
| <b>2397</b><br>IZ5BAM<br>JA1DOF<br>OK1DWC                                  | <b>2384</b><br>K7HP<br>K8YSE<br>KQ3F<br>W8UV           | <b>2370</b><br>DL2UH<br>IK6QOP<br>LA8HGA<br>N6TA<br>W6TMD   | <b>2356</b><br>K1KO<br>N1GC<br>N6QQ<br>US0YA                      | <b>2345</b><br>K7LJ<br>SM4CTI<br>WA2NPD                   |
| <b>2396</b><br>HB9ICC  | <b>2383</b><br>LU8EKC<br>RK3QY                         | <b>2368</b><br>JP1IOF<br>W1EQ                               | <b>2355</b><br>9K2NO<br>JA8FHM<br>JH7BKN<br>K8YC<br>N6UK<br>OH1ZK | <b>2344</b><br>EA1AUS<br>JA7PL<br>RZ3DJ                   |
|  | <b>2382</b><br>IK2OVC<br>PA7RA                         | <b>2367</b><br>F5PBM<br>HS1NGR<br>RA3DNC                    |   | <b>2343</b><br>DF5AU<br>OH2IS<br>W0TT                     |

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| <b>2342</b><br>DL8ZAW<br>IK8JVG<br>ON5UE  | <b>2332</b><br>HA5VZ<br>K6UM<br>OZ1LCG<br>W7MEM                             | W9BEA  | ZL2IFB   | <b>2296</b><br>SV1FJP<br>WA0RVK                            |
| <b>2341</b><br>OH2OT<br>SM2GCQ<br>VE3EK   | <b>2330</b><br>9A1AD<br>IK2RPE<br>K1KA<br>N5KO<br>W0GG                      | <b>2319</b><br>9K2GS<br>JA7EPO<br>N4LR<br>NA5Q<br>UA3ECJ<br>W5FI<br>YO2CMI | <b>2307</b><br>DL6UAA<br>K8DV<br>LB6KC<br>SP3FAR                     | <b>2295</b><br>EW1BA<br>OH4UI                              |
| <b>2340</b><br>AA7G<br>DK7YY<br>XE2X  | <b>2329</b><br>DJ8ES  | <b>2318</b><br>JE2RDO<br>S55SL   | <b>2305</b><br>K3TN<br>K8CW<br>N0RN<br>W7AH                          | <b>2294</b><br>N6HY<br>RU3ZX                               |
| <b>2339</b><br>JF2WXS<br>N5ZC<br>SM3DMP   | <b>2328</b><br>JA3EOP<br>K1LI   | <b>2317</b><br>K2XF<br>WF2S  | <b>2304</b><br>OK5TK<br>WB8K   | <b>2293</b><br>I2YDX<br>K7MTR                              |
| <b>2338</b><br>FG5FR<br>JE1AEX<br>JH1CHU<br>K8AJS<br>OK1FED<br>SP3PLD<br>W7FN<br>WW3S | <b>2327</b><br>AB5A<br>N2LM<br>N7TY<br>S52TJ<br>SM5ARL                      | <b>2316</b><br>HB9FMN<br>JH1IED<br>K0GY<br>W5GZ                            | <b>2303</b><br>JA9GLW<br>JH4ADK<br>K4XR<br>SM3LGO                    | <b>2292</b><br>RZ3DW                                       |
| <b>2337</b><br>JA2BQX<br>JH1LPF<br>VE3CRG   | <b>2326</b><br>K4PB   | <b>2314</b><br>AI2N<br>K1ZZI   | <b>2302</b><br>ER3DX<br>I2VGW<br>JG4BLW<br>K4TEA<br>W2WG             | <b>2291</b><br>JH1RGG<br>K2TWI<br>SP3XR                    |
| <b>2336</b><br>EW4M<br>JA2HYD<br>K0VXU<br>KQ4AV<br>W5GAI                              | <b>2325</b><br>BH4QYX<br>JE2HCJ<br>JH8SLS                                   | <b>2313</b><br>JA7BVH  | <b>2301</b><br>JA2CEJ<br>JH0MXV<br>JP1NWZ<br>N0RB<br>SM7IUN<br>W8JRK | <b>2290</b><br>7K1PTT<br>AA8CH<br>HL2IFR<br>JA7CVL<br>W7CA |
| <b>2335</b><br>DF7EE<br>JR8AMF  | <b>2324</b><br>IK1SOW<br>JA2FSM<br>JL1XMN<br>K0GD<br>N3UA<br>PZ5RA<br>VE6AX | <b>2312</b><br>JA6CBG  | <b>2300</b><br>CT1BWU<br>DL9FCY<br>JA8NFV<br>OE5BWN<br>W7HPW         | <b>2289</b><br>AB5EB<br>N9AW                               |
| <b>2334</b><br>HB9BYQ<br>W0RX<br>W2YE   | <b>2323</b><br>JH4BTI<br>JR9LKE<br>K0CS                                     | <b>2311</b><br>HK1MW<br>K8ME<br>PP1CZ<br>SM5CRV<br>WC5M                    | <b>2288</b><br>HB9BUN<br>IZ4AIK<br>PY2RO                             | <b>2287</b><br>HB9BOI<br>K0VSH<br>K5JC<br>PA0ZH<br>VE3YF   |
| <b>2333</b><br>G3VPW<br>HA0HW<br>N4HB<br>W0HBH  | <b>2321</b><br>JA4ZA<br>WB7B  | <b>2310</b><br>AC0A<br>IW1QN<br>JA5BGA<br>OE2GEN                           | <b>2287</b><br>HB9BOI<br>K0VSH<br>K5JC<br>PA0ZH<br>VE3YF             | <b>2284</b><br>HK3X<br>JA1PTJ<br>N6PSE<br>OE2KHM           |
|   | <b>2320</b><br>HB9AZZ<br>HB9DHG<br>I8QJU                                    | <b>2309</b><br>HB9BXE<br>W6RS  | <b>2299</b><br>I5CRL   | <b>2283</b><br>AA8R<br>JA4FM                               |
|   |   | <b>2308</b><br>IZ4DPV<br>JA7ZP<br>K4CMS<br>N4TJ                            | <b>2298</b><br>W9OO  |  |
|   |   |  | <b>2297</b><br>W3YY<br>W4MAY   |  |

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| <b>2282</b><br>AB0X<br>IZ8GGF<br>JA1BOQ<br>K5KPE          | <b>2269</b><br>JH0GHZ<br>OH1JP<br>OH1NDA<br>W9JA                             | <b>2259</b><br>UA6FJ<br>UT3UZ                                      | WP4EJH  | IK6BSN<br>JH1IAQ<br>K5JZ<br>K6SRZ                         |
| <b>2281</b><br>I1NVU                                      | <b>2268</b><br>4L1MA<br>K3SEW<br>K9OW  | <b>2258</b><br>CT3KN<br>DF2NS<br>K6DT                              | <b>2247</b><br>HL2CFY<br>K4HMB<br>W8CZN         | <b>2233</b><br>SM7NDX                                     |
| <b>2279</b><br>W5SL                                       | <b>2267</b><br>9A5N<br>IZ1GLT<br>WS7L<br>YO9FNP                              | <b>2257</b><br>IK2SND<br>JH4FEB<br>K8NKQ                           | <b>2246</b><br>K1UU<br>PY7RP<br>W8UN            | <b>2232</b><br>9M6YBG<br>KG9Z                             |
| <b>2278</b><br>JR3UIC<br>K4WNW<br>K6YRA<br>N9RC<br>VU2CPL | <b>2266</b><br>OH6NIO  | <b>2256</b><br>HB9RYZ<br>KA4RRU                                    | <b>2245</b><br>EA1JO<br>FG8OJ                   | <b>2231</b><br>DL4DZL<br>JA0VSH<br>JF2VAX<br>R9SG         |
| <b>2277</b><br>DL1WM<br>IK1PMR                            | <b>2265</b><br>4X6ZK<br>IK0DWN<br>K1CA<br>WS5W                               | <b>2255</b><br>EA7SG<br>IU0HDC<br>JA4HAW<br>JH1BAM<br>K9GA         | <b>2244</b><br>BA7IO                            | <b>2230</b><br>JH3FUK<br>K9MIE<br>KJ6NZ<br>PA0JSE<br>WT4Q |
| <b>2276</b><br>HL3DE<br>KA8SYV<br>RU1AB<br>RU3SD          | <b>2264</b><br>EA3AKY<br>IK8GYS<br>N4MHQ<br>UR3EO<br>UR5FEO<br>W1OW<br>W5ZPA | <b>2254</b><br>JA2IYJ<br>K0TPP<br>W3IP<br>W9PZT<br>YB1UUN<br>YL2KF | <b>2243</b><br>K0LUZ<br>K8NK<br>NK0S            | <b>2229</b><br>K2TK<br>N4JT<br>SM3CBR<br>W5DNT            |
| <b>2275</b><br>N5BO                                       | <b>2263</b><br>JK1BSM<br>ZL4TT<br>ZS1A                                       | <b>2253</b><br>JH1DGQ<br>W1YRC                                     | <b>2242</b><br>JA3KGF<br>NY2NY                  | <b>2228</b><br>JA0EIJ<br>JE1GWO                           |
| <b>2273</b><br>K0AZ<br>K8BN<br>KA1ERL<br>N7NG             | <b>2262</b><br>OK1DH<br>WA4JQS   | <b>2252</b><br>K5DHY<br>RN9N                                       | <b>2241</b><br>N4EFS<br>NA2M<br>OH1TX<br>UA1ACG | <b>2227</b><br>HI8R<br>JA2KNW<br>JG5RVQ<br>K2EQ           |
| <b>2272</b><br>KE1F<br>N4XP                               | <b>2261</b><br>F9XL<br>IZ8EEL<br>JK1TCV<br>W4UCK                             | <b>2251</b><br>N4TV<br>W5ZO  | <b>2240</b><br>9A2TN<br>JH2IEE<br>K4MM          | <b>2226</b><br>K7BTW<br>NA9RB<br>W9FI                     |
| <b>2271</b><br>K9RR<br>W0SZ<br>W8LRO<br>WA3F<br>WB8CQV    | <b>2260</b><br>G3UHU<br>IZ8EDJ<br>N9UA<br>SP6JIU<br>W5PJR                    | <b>2250</b><br>DL1SP<br>EA8BYR<br>IZ2DLV<br>JE2JMV<br>JH1XUM       | <b>2239</b><br>JA0DWY<br>W4ABW                  | <b>2225</b><br>IW1FGY<br>R3ST<br>W8IQ<br>XE1RBV           |
| <b>2270</b><br>EA3XP<br>IZ8FDH<br>KG2KJ<br>UA4AZ<br>W5WT  |  | <b>2249</b><br>AB5C<br>JH1VUO<br>KE9L<br>N2VW                      | <b>2238</b><br>JA1CMD<br>N4JQQ                  | <b>2224</b><br>AB1OC<br>CU3EQ<br>K1IT<br>KD6UO            |
|   |  |  | <b>2237</b><br>JO4CFV                           |   |
|   |  |  | <b>2236</b><br>AB0CT<br>K2FW<br>S51NM           |   |
|   |  |  | <b>2235</b><br>I0OSI                            |   |

|   |  |   |  |   |
|---|--|---|--|---|
| N2DPF   | <b>2212</b><br>JA4VLK<br>N4RF                                    | <b>2201</b><br>G3TQZ<br>HI3T<br>JA6OXT<br>K6MI<br>RM3DA<br>RU0SN          | XE1MEX   | PY1KN<br>RW3QM<br>W5RQ                                      |
| <b>2223</b><br>SM3PZG                                   | <b>2211</b><br>UX5UO<br>VO1HP<br>W8IW                            | <b>2200</b><br>CT1AGS<br>W2YR<br>W9YE<br>WE9V                             | <b>2190</b><br>JG1OGM<br>JH1OBS<br>K1EFI<br>N4SC                                       | <b>2179</b><br>DK0UB<br>IV3YIB<br>JA0PE<br>JF1LMB<br>WA1PMA |
| <b>2222</b><br>AA1AC<br>IK8UHA<br>IW0HOU<br>UN3GX       | <b>2210</b><br>JA8DKJ<br>JH1APK<br>NF1O<br>VE1JBC<br>W5JAY       | <b>2199</b><br>WB8B   | <b>2189</b><br>AI6Z<br>IK1ADH<br>N4AL<br>N8NN  | <b>2178</b><br>JA1KPH<br>K1GE                               |
| <b>2221</b><br>JA2DXD<br>JA3XNH<br>K9OT                 | <b>2209</b><br>DL1SVI<br>KM3T<br>KX2A<br>N8MR<br>UN7ECA<br>W6RFL | <b>2198</b><br>JH4DYP   | <b>2188</b><br>N4ZH<br>RD3A  | <b>2177</b><br>EA4EER<br>N3EN<br>N6PE<br>NW6S               |
| <b>2220</b><br>EA9IE<br>JA9IFF<br>OZ7FOC                | <b>2208</b><br>DM5BB<br>IK3SWB<br>KI4DLS<br>WA1FCN               | <b>2197</b><br>AC9EM<br>SM5CBM  | <b>2187</b><br>IK4IYC<br>IT9RYJ<br>JA3BSL<br>JR1MLU<br>RW4CY<br>W5VQ<br>W8BBQ<br>W8MHW | <b>2176</b><br>DJ2SL<br>JA3OOK<br>K4ZIN<br>W5DAW            |
| <b>2219</b><br>DJ5EJ<br>JA8UIV<br>K4VIG<br>KH2L<br>NW4V | <b>2207</b><br>I5KG  | <b>2196</b><br>JN3SAC<br>W2FV<br>W9JJB                                    | <b>2186</b><br>OZ4VW<br>ZS2EZ  | <b>2175</b><br>JA4DHN<br>K1NJ                               |
| <b>2218</b><br>EU1U<br>JH4CBM<br>LA6UL<br>W6DR          | <b>2206</b><br>KM3V<br>PA3ABH                                    | <b>2195</b><br>EW1KP<br>IK8BQE<br>K2CBI<br>LY3W<br>W1SSN<br>W6AEA<br>W8KA | <b>2185</b><br>DF2NU<br>YO3CD  | <b>2174</b><br>K5TT<br>W2OR                                 |
| <b>2217</b><br>K4RG<br>W0HT<br>W3MR<br>WX1S             | <b>2205</b><br>JA0UH<br>JA8FFM<br>VE7BV                          | <b>2194</b><br>K5PI<br>N2WKS<br>NE9U<br>WB3JFS<br>Z31RQ                   | <b>2184</b><br>JA2JRG<br>W4BUW   | <b>2173</b><br>G0DBE<br>K2AU<br>LU5FF<br>NF1G<br>OE2SCM     |
| <b>2215</b><br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH     | <b>2204</b><br>K6ZZ<br>N4HID<br>WA4CEM                           | <b>2193</b><br>JA0EKI<br>K2RD<br>N5DD                                     | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC   | <b>2172</b><br>HC1BI<br>KK0M                                |
| <b>2214</b><br>JA1DM<br>K4FJ<br>RN1ON<br>SM5SWA<br>W8OP | <b>2203</b><br>G0VXE<br>JA0GCI<br>ZL4AS                          | <b>2192</b><br>N3BNA  | <b>2182</b><br>JA0CGJ<br>JH1SOD  | <b>2171</b><br>UT3UY  |
| <b>2213</b><br>JA8EOT<br>K1YR<br>W3RW                   | <b>2202</b><br>JA8JO<br>UA0FO<br>VU2PTT                          | <b>2191</b><br>EA6EE<br>EA8TH<br>IK2DZN                                   | <b>2181</b><br>IV3TMM<br>W6SL  | <b>2170</b><br>JH1VHU<br>SV3AQR<br>W8KL                     |
|   |  |   | <b>2180</b><br>IV3TDM<br>JA8BAR<br>JR1NHD  | <b>2169</b><br>EA3EQT<br>JA3MF                              |

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|--|---|---|---|---|
| SP1DSZ   | SM4OLL  | K4YYL<br>K5GH   | NZ3O  | OZ5HP<br>W3ABT<br>W9HBH<br>W9VNE  |
| <b>2168</b><br>F5UJK<br>UT4EK                                | <b>2157</b><br>DL5XAT<br>K0KG<br>W6CYX  | <b>2147</b><br>N3QE<br>RW9QA  | <b>2136</b><br>4O3A<br>G3IFB<br>IZ7AUH<br>K7LV<br>N1IX              | <b>2126</b><br>K7ACZ<br>W0QQ  |
| <b>2167</b><br>DL1NKS<br>IK6HRB<br>JA2KVB<br>S57XX           | <b>2156</b><br>N5PHT<br>NT5V<br>TA1CM   | <b>2146</b><br>EA5RD<br>EA8MT<br>K1PL                               | <b>2135</b><br>JA7BEW<br>K4NNX<br>KR6C                              | <b>2125</b><br>4F2KWT<br>IV3XNF<br>JH3SIF                                       |
| <b>2166</b><br>LA2XPA<br>W2RQ                                | <b>2155</b><br>WA5LFD   | <b>2145</b><br>DF5WA<br>EC1A<br>RQ3A<br>RU6FZ                       | <b>2134</b><br>N6KZ<br>W3FI<br>WB5TUF                               | <b>2124</b><br>OZ5NJ<br>W4GIW   |
| <b>2165</b><br>I0MWI<br>N4PJ<br>N5ET<br>S54A                 | <b>2154</b><br>JA3BXF<br>JG3FEA<br>SP3V   | <b>2144</b><br>DK2OY<br>N4UOZ<br>W4IS                               | <b>2133</b><br>AJ4A<br>RA3LO  | <b>2123</b><br>HL2KV<br>IK7EOT<br>KZ8Y<br>VK3BDX                                |
| <b>2164</b><br>KT8Y<br>S55ZZ                                 | <b>2153</b><br>EA3GHQ<br>JH0RVY<br>K2BA<br>NF4A<br>OH2BF<br>S50R<br>W4JS<br>WW2DX | <b>2143</b><br>JA1CZI<br>JF3SUL<br>JH2SON<br>JK3GHE<br>K4NA<br>W9RC | <b>2132</b><br>JA1MZL<br>JR1UFN<br>K7UT<br>W3TN                     | <b>2122</b><br>K1ZE   |
| <b>2163</b><br>AB4SF<br>N2WLG<br>UA1AIR<br>W2TB              | <b>2152</b><br>UA3O<br>W6IGK  | <b>2142</b><br>CT3DL<br>K8KWT<br>KK1W                               | <b>2131</b><br>K1RV<br>RN3CT<br>W7QDM                               | <b>2121</b><br>A65CA<br>IK2ILH<br>JA0LXP<br>W8JV                                |
| <b>2162</b><br>RZ0AF<br>S59ZZ<br>W7AV                        | <b>2151</b><br>I5MPN<br>N4QWF<br>N7IP<br>SP1MWK<br>WA8MCD                         | <b>2141</b><br>DL2AYK<br>DL9RCF<br>I5MXX<br>N1RK<br>N6IE            | <b>2130</b><br>EA8AXT<br>IK0OPS<br>JH3FHQ<br>K0DEW<br>PA1H<br>W6YOO | <b>2120</b><br>HL3AMO<br>JA1WTI<br>LA4PM<br>SP8FB<br>W1WC<br>W2/CT1GIF<br>W6RKC |
| <b>2161</b><br>AA5JF<br>G3KMQ<br>JF1RPZ<br>JH1WJR            | <b>2150</b><br>JR1WCT<br>KU4XO<br>SM5FWW<br>SM7GIB<br>YB0COU                      | <b>2140</b><br>CT4GO<br>DL2HYH                                      | <b>2129</b><br>JE2UFF<br>N2AJ<br>WB6EWM<br>XE1H                     | <b>2119</b><br>JA7XBG<br>JA8LRG<br>WI8R<br>YO3FRI                               |
| <b>2160</b><br>HS0ZEE<br>I5REA<br>IK1CJO<br>IK4HPU<br>JN7DOS | <b>2149</b><br>AA4FL<br>JA5NPV<br>JA8ZO   | <b>2139</b><br>JF0JYR<br>K8BZ                                       | <b>2128</b><br>IW0GBU<br>KE9I<br>OZ1IKY<br>UN6P                     | <b>2118</b><br>JR6SVM<br>OM5FM<br>R3QW  |
| <b>2159</b><br>K1NY<br>N1RJ                                  | <b>2148</b><br>CT1GPQ<br>DL7UPN<br>JA3LDH   | <b>2138</b><br>JR6IKD   | <b>2127</b><br>HB9AAL<br>JH1ACA                                     | <b>2117</b><br>ER5DX<br>G0FUV<br>IW3GJF   |
| <b>2158</b><br>JF3PNQ<br>K4RO                                |   | <b>2137</b><br>K5FZ<br>K7TM   |   |   |



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|---|---|--|---|---|
| K1SM<br>LB5WB<br>OM8FR  | <b>2108</b><br>9K2GR<br>E21EIC<br>JA1AML<br>JA1OVD<br>JA3NHL<br>JA3WLN<br>KW4V                  | <b>2099</b><br>EA8RR<br>WA1SXX                         | JH1DGJ<br>KF0LA<br>W1SRD  | <b>2074</b><br>DL8PG<br>JA4FCV                          |
| <b>2116</b><br>F6DBX<br>JA3QOS<br>JE8LWZ<br>K3OX<br>KE6FV<br>SM7HCW<br>W5WTX<br>W8GNM<br>WB2GAI | <b>2107</b><br>EA3DW<br>G4DJJ<br>K3PU   | <b>2098</b><br>KI1U                                    | <b>2086</b><br>KS4S   | <b>2073</b><br>DJ0MCH<br>K9RT<br>ND4V<br>W9MJ           |
| <b>2115</b><br>DL3KZA<br>EA1KY<br>KA2MGE  | <b>2106</b><br>JE3GUG<br>KD4S<br>KX4TT<br>LA6OP<br>VE2BR  | <b>2097</b><br>IZ5MOQ                                  | <b>2085</b><br>DL5XL<br>HA5PT<br>KR2Q<br>PA3GCV                           | <b>2072</b><br>JA8CJY<br>K4JC<br>R9SC<br>SM4BZH<br>W3BG |
| <b>2114</b><br>G3UAS<br>IZ5NFD<br>JA2VHO<br>KA2NDX<br>SM7BHH<br>W4SK<br>WB3LHD                  | <b>2105</b><br>DS5TOS<br>K3SX<br>N4UFO<br>SM5ENX  | <b>2095</b><br>K1UI<br>KE4UW<br>ON4RU                  | <b>2082</b><br>JM1GHT<br>N7DED<br>N7UN<br>SV1CQN<br>YO3ND                 | <b>2071</b><br>K2HAT<br>KF6HI<br>PA0INA<br>W0CP<br>W3GG |
| <b>2113</b><br>JA1OVF<br>JH2XQY   | <b>2104</b><br>DM5GG<br>JA3KNN<br>W2CG  | <b>2094</b><br>IK2CHZ<br>KL0S<br>SV1FJF                | <b>2081</b><br>JH0NEC<br>NA4EA  | <b>2070</b><br>N0ABA<br>ND5S                            |
| <b>2112</b><br>4Z5LX<br>AE0P<br>UN2E  | <b>2103</b><br>JA1EMQ<br>JK1ODA<br>W9DX<br>WA9YYY   | <b>2093</b><br>JR7GBL<br>VE3ZZ                         | <b>2080</b><br>JH1ORA<br>KC6X<br>N0AH<br>W5LE<br>W5QM                     | <b>2068</b><br>K2SN<br>KK4OK<br>N4NW<br>R3LA            |
| <b>2111</b><br>JA4FJL<br>JH0MHR<br>K3PP   | <b>2102</b><br>DM2RM<br>JE2VLG  | <b>2092</b><br>JA6GPR<br>N5AQ<br>R1MA<br>ZL2AL         | <b>2079</b><br>JA1GVM<br>K8AV<br>KN4KL<br>N1IW<br>N2SQW<br>N5TJ<br>PA0GMM | <b>2067</b><br>JA1NCZ<br>K2AX<br>NE6I<br>NK4L           |
| <b>2110</b><br>F2NH<br>HB9CRV<br>JA8XQI<br>JH1UBK<br>JJ2WOC<br>JK1AJX<br>RA1OD                  | <b>2101</b><br>EA6AJ<br>HB9JOE<br>JA3VPA<br>JH7DFZ<br>JK1UNZ<br>K1DC<br>K7KB<br>WA3OFR<br>YL2TW | <b>2091</b><br>EB3CW<br>G4XRV<br>W1TO<br>W2ZI<br>W4RDX | <b>2078</b><br>K4KAY<br>K9DR<br>N8EHW                                     | <b>2066</b><br>E70T<br>N3KN<br>W6KK                     |
| <b>2109</b><br>CT1BWW<br>JA2QXP<br>UN7FW  | <b>2100</b><br>DS3HWS<br>DS5ACV<br>N4IQ   | <b>2089</b><br>IK0XEZ<br>KV1J<br>SM0MPV<br>SV1MO       | <b>2077</b><br>XE1J   | <b>2065</b><br>G3LUW<br>JL1ARF<br>K4ST                  |
|   |   | <b>2088</b><br>F6ECI<br>K3EA                           | <b>2076</b><br>OZ0J   | <b>2064</b><br>DL3BRE<br>EA3NY<br>JH9DRL<br>N4JR        |
|   |   | <b>2087</b><br>JA1CJO                                  | <b>2075</b><br>JA8DSO<br>KI4GE<br>RA3FH<br>SP9WZS                         |   |

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| <b>2063</b><br>W7HR  | <b>2050</b><br>AC9S<br>JJ1BMB<br>JM1HJG<br>K4JLD<br>WB8FSV                | IT9GSF<br>JN3TRK<br>KD9HL<br>LA7XK<br>SP6AXW<br>SV9GPV<br>W4GE<br>W7SX<br>WE1P | IK2RZP<br>IK5PWN<br>JA1AFR<br>KI6CG<br>LZ2HN<br>W2KA<br>W7VY<br>WE4S | <b>2022</b><br>JA0KJE<br>JR3REX<br>OH3NDH<br>SV2HXX                                      |
| <b>2062</b><br>DH0GSU  |   |  |  | <b>2021</b><br>JH4RUF<br>M0CSD   |
| <b>2061</b><br>AA4NC<br>W1AO                                 | <b>2049</b><br>IK8VRH<br>JH2PWY   |  | <b>2031</b><br>SV8CKM<br>W7IV  | <b>2020</b><br>CU3AA<br>JF2DND<br>K9SG<br>WB00   |
| <b>2060</b><br>CS8ABF<br>G8AJM<br>JF1LZQ<br>JR1IZM<br>PA0TCA | <b>2048</b><br>I5JFG<br>K8NS<br>NT2A<br>SP5ES                             | <b>2040</b><br>JA1DDZ<br>JL1OXH<br>K1DJ<br>LA7WCA<br>N7QT<br>W8MK<br>WV4TN     | <b>2030</b><br>N6PAT<br>UA6AUA<br>VE3JV                              | <b>2019</b><br>JA2MNB<br>JA2MOG<br>JI6IHG<br>K1JIU<br>OH7TV<br>SM5BMB<br>W1ITU<br>WA2USA |
| <b>2059</b><br>JH1BSJ<br>JL3LSF<br>N0IJ<br>N6PEQ<br>WD8PKF   | <b>2047</b><br>IZ0BVU<br>JL2PQV<br>JP7EIP<br>K2AJY<br>K9OR                | <b>2039</b><br>DK9CG<br>UN3G<br>VE3KI  | <b>2029</b><br>N4IG<br>SV1HEP  |  |
| <b>2058</b><br>IK2PZC<br>JA1FJJ<br>W1ZK                      | <b>2046</b><br>EC1AIJ<br>F5INJ<br>KM6HB<br>ND4X                           | <b>2038</b><br>JH3GFA<br>JJ6DGP<br>KK2M<br>WA5IPS                              | <b>2028</b><br>DJ0UT<br>JE1VTZ<br>K8KS<br>KD2T<br>SM5AOG             | <b>2018</b><br>ON7TK<br>SA0AQT<br>W3ICM  |
| <b>2057</b><br>K5DC<br>PY2FN<br>W0TM                         | <b>2045</b><br>IK6OIN<br>JA1WWO<br>RK2FWA                                 | <b>2037</b><br>DK2CC<br>JA3MHA<br>K2EK<br>UN7G<br>W7IU                         | <b>2027</b><br>F5OVQ<br>JP1TRJ<br>NI3P<br>W6DE                       | <b>2017</b><br>KB2FCV<br>N4OA<br>WV6E  |
| <b>2056</b><br>RN3D<br>W3XY                                  | <b>2044</b><br>JH8GEU   | <b>2036</b><br>WA3I  | <b>2026</b><br>9A5F<br>RT5A<br>XE2D                                  | <b>2016</b><br>JA0LFV<br>RU9UC<br>W1OP   |
| <b>2055</b><br>F5BOY<br>PY2WC                                | <b>2043</b><br>HB9G<br>IK0UTM<br>JH6WDG<br>K2UFM<br>K6MKF<br>K9TF<br>NA9A | <b>2035</b><br>AA4VV<br>JA7KE<br>KF2DT<br>KM1C<br>N9SF<br>YB2DX                | <b>2025</b><br>EA5OX<br>HB9EFK<br>JH6DUL<br>JL2KEQ<br>S52D<br>WD8ANZ | <b>2015</b><br>DK3GG<br>IU0LFQ<br>K9MMS<br>RK7T<br>VE3UZ<br>W8LMG<br>YB1AR               |
| <b>2054</b><br>DS4AOW<br>OH3OJ                               |   |  |  |  |
| <b>2053</b><br>EA3HRE<br>EI8IU                               | <b>2042</b><br>IK5BOH/2<br>K1RI<br>KA6BIM<br>NE0U                         | <b>2034</b><br>AA3LX   | <b>2024</b><br>N1JP<br>RT0F<br>UR5ECW                                | <b>2014</b><br>IZ1DFG<br>K0DD<br>K2AT<br>N7TT  |
| <b>2052</b><br>HL2EIZ<br>K5TA<br>OM7CA<br>RA3TT              | <b>2041</b><br>AB4UF<br>DK9HN<br>IK0OER                                   | <b>2033</b><br>JA1XPQ<br>V51B  | <b>2023</b><br>JR1EYB  |  |
|  |   | <b>2032</b><br>HB9DOT  |  |  |

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|---|--|---|---|--|
| <b>2013</b><br>G0MTN<br>JT1BV<br>RA3QUA<br>SQ7NSN                                   | SM6CKU<br>VE3NI<br>WA6JA   | KJ7M<br>KS4YT<br>KV4T<br>LA1K<br>N6PM<br>OE3HWC<br>R5QA<br>RD4A<br>SQ5NRY<br>VK4CAG<br>W0IZ<br>W3BNN<br>W4KA<br>W5VX<br>W8FIB<br>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | IZ2EWR  | <b>1976</b><br>DL5OCE<br>JJ2RCJ<br>KY6R                        |
| <b>2012</b><br>IK7YZG<br>JE0VJV<br>VE3MV  | <b>2004</b><br>DM1TT<br>EA1DLU<br>RA3ANL<br>SP3QYQ<br>W4SO   |   | <b>1990</b><br>N6MB<br>NH6T/W4<br>OP4K                  | <b>1975</b><br>DH2PC<br>JO1LVZ<br>K5QX                         |
| <b>2011</b><br>4Z5SG<br>JA3FHL<br>K3VN  | <b>2003</b><br>F1RAF<br>IU8HEP<br>JF4EQJ<br>KE3D<br>NA5Z<br>OH3NHF<br>UA4PCM<br>W4ZYT<br>WB4YDL<br>YO7NE                                   |   | <b>1988</b><br>OM3IM                                    | <b>1974</b><br>K8FC  |
| <b>2010</b><br>7M4AOE<br>JH6EJG<br>K2BB<br>LU6ETB<br>RA3BL<br>UA3FF<br>W3BJ<br>WB3D |  |   | <b>1987</b><br>TZ4AM<br>W5THT<br>WC4H                   | <b>1973</b><br>DL2NOM<br>JA4XH<br>WS1L                         |
| <b>2009</b><br>9A4SS<br>AF5CC<br>N1EVK<br>R3DG<br>SP5APW                            | <b>2002</b><br>JA6IVR<br>JF2OZH<br>K5FNQ<br>KD8RQE<br>NJ3K<br>SV3FUO<br>VE4EAR<br>W3FOX  | <b>1999</b><br>DL4LAM<br>IK0CHU<br>LA9OI  | <b>1986</b><br>F1ICS<br>K1ACL<br>N1UK<br>SV1FKZ<br>W0SR | <b>1972</b><br>AB4I<br>DL3JPN                                  |
| <b>2008</b><br>ZS1J   | <b>2001</b><br>BH4IGO<br>DL6OCM<br>IU8FRE<br>K2BLA<br>N9TF<br>VR2XMT<br>W0YVA<br>YO4DW   | <b>1998</b><br>AC4TO<br>HA5BSW<br>K6NR<br>KN6KI<br>RX4HW<br>W4RBO   | <b>1985</b><br>JA1JPM<br>K3BR<br>K6MM                   | <b>1971</b><br>K2SY<br>KB9DAK                                  |
| <b>2007</b><br>DK3UA<br>KV1E<br>N6OJ<br>NA2AA<br>VA3MO                              |  | <b>1997</b><br>AF2C<br>K1FEV<br>NA2U<br>W2NRA   | <b>1984</b><br>JI1CQA<br>JR7MAZ<br>N2FF<br>NG7M         | <b>1970</b><br>JA1QXC  |
| <b>2006</b><br>DG7RO<br>DM3AZ<br>HI3Y<br>IK2ANI<br>JA3EJG<br>KB4MRX<br>W0JM<br>W8JH | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JA7HRM<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY | <b>1996</b><br>GW3SFC<br>OH1NPW<br>WC6DX  | <b>1983</b><br>DF2PI<br>JA0RCK                          | <b>1969</b><br>SM4DDS  |
| <b>2005</b><br>DK5RL<br>JH1NYN<br>NU1O  |  | <b>1995</b><br>IK1IYU<br>JA1SKE<br>K6IPM  | <b>1982</b><br>DL1RWN<br>JA1SGU                         | <b>1968</b><br>JR1VAY<br>K6TAR<br>OZ4AAL                       |
|   |  | <b>1994</b><br>PA3GRM   | <b>1980</b><br>AA0MZ<br>IZ4DIW                          | <b>1967</b><br>JM1TWR<br>N4QWZ                                 |
|   |  | <b>1993</b><br>K5SM   | <b>1979</b><br>AA9GR<br>I8LWL<br>IK7FPV<br>SV2DCD       | <b>1966</b><br>HB9CIC  |
|   |  | <b>1991</b><br>HA5GN  | <b>1978</b><br>IZ8EJB<br>NY9H                           | <b>1965</b><br>JA3HBC<br>KA1J<br>KB9VF<br>N6NO<br>N7WO<br>NP4G |
|   |  |   | <b>1977</b><br>WA0ROI                                   | <b>1964</b><br>DJ7ZG<br>EI3IO<br>N9ZI                          |

|  |  |  |   |   |
|--|--|--|---|---|
| <b>1963</b><br>I8DVJ<br>JA1BNW<br>OZ1LWT<br>W9SN<br>WB8ART           | KK9H<br><br><b>1953</b><br>K2BX<br>K4WZ<br>N3KV                      | UA4SKW<br>W2CVW<br><br><b>1941</b><br>ND8L<br>ON4ANN<br>W3ACO                | F5VHQ<br>IK8CNT<br>JA1OND<br>JA7FWR<br>K3STX<br>RL3AA                       | <b>1917</b><br>7J1ADJ<br>DJ3AS<br>HL5BMX<br><br><b>1916</b><br>AD5MN<br>K6BV<br>W8HMK |
| <b>1962</b><br>HA5CW<br>JH1FSB<br>WC3W                               | <b>1952</b><br>W2NK<br><br><b>1951</b><br>IZ0BTV<br>W5GA             | <b>1940</b><br>K4WES<br>K4YJ<br><br><b>1939</b><br>AC6DX<br>JH8NBJ<br>UA9CGL | <b>1928</b><br>I2AOX<br>K6MW<br>N5WA<br>N6RK<br>W5KK                        | <b>1915</b><br>6K5YIA<br>G4XEE<br>JH1ERJ<br>W2WC<br>W5RF                              |
| <b>1961</b><br>DK1WU<br>K5RJ<br>K9ALP<br>OE3KLU                      | <b>1950</b><br>JA2FCZ<br>K4OY<br>N1ZZ<br>N5UW<br>WA4DOU              | <b>1938</b><br>KE1VT<br>NA2P<br><br><b>1937</b><br>K4MF                      | <b>1927</b><br>EW1P<br>JE1OHL<br>K9JU                                       | <b>1914</b><br>IZ0NRG<br>W5GO   |
| <b>1960</b><br>JA1CFZ  |  | <b>1936</b><br>JE1HRC<br>K2RU  | <b>1926</b><br>AH0U<br>HL4GAV<br>IK2DUW<br>JM1VRW<br>RD3BD<br>UA3FX<br>W3SB | <b>1913</b><br>IV3IXN   |
| <b>1959</b><br>JR6CSY<br>K5NZ<br>K9JN<br>NO4J<br>SM0DSF<br>SM5CAK    | <b>1949</b><br>G3LDI<br>JA1XRA<br>W4DAO<br><br><b>1948</b><br>YV5OIE | <b>1935</b><br>N1KC<br><br><b>1934</b><br>9A9CW<br>DK4TP<br>EA3EQS<br>NA6L   | <b>1925</b><br>W1NA<br>W9IL   | <b>1912</b><br>DL2RTL<br>F6HLC<br>HB9KNY<br>JA2ITK<br>W8FN                            |
| <b>1958</b><br>K4KGG<br>KE8UM<br>N5TW                                | <b>1947</b><br>DL6LIM<br>DL6XK<br>DS5DNO<br>N4ENE                    | <b>1933</b><br>CU3AK<br>CU3AN<br>JN1NBU<br>KK4OW<br>WN6K                     | <b>1923</b><br>IZ1JMN   | <b>1911</b><br>JH1RFM<br>UT7KF  |
| <b>1957</b><br>IT9RTA<br>N2RJ<br>NY3C                                | <b>1946</b><br>DF9PG<br>K5WBM<br>W6UC<br>W7YA                        | <b>1932</b><br>AG1A<br>JA4QAD<br>K9GWH<br>N3VA                               | <b>1922</b><br>DL4RCK<br>JE2PCY<br>LY3UM<br>N9KW                            | <b>1910</b><br>NC4RB  |
| <b>1956</b><br>AA6RR<br>JF6XQJ<br>N1QY<br>SP5MXZ<br>SV8BHN<br>WA1YTW | <b>1945</b><br>DJ8NT<br>JA0CIU<br><br><b>1944</b><br>NE8Z            | <b>1931</b><br>JF1IXE<br>N7WS<br>WA9GON                                      | <b>1921</b><br>JA2KSP   | <b>1909</b><br>EA1KP<br>JM1SZY<br>NU1B  |
| <b>1955</b><br>K3FM<br>SP6EIY<br>W1CSM                               | <b>1943</b><br>W7NN<br>W8TE<br>WQ6Q                                  | <b>1930</b><br>DL7UVO  | <b>1920</b><br>JA8OW<br>K9AW  | <b>1908</b><br>K5YCM<br>KD4W<br>KL7HBK<br>SP5TT                                       |
| <b>1954</b><br>DM2TO<br>IS0AFM<br>K8VC<br>K9WX                       | <b>1942</b><br>CU3EJ<br>G4NXG<br>JH1EDD                              |  | <b>1919</b><br>DJ9WH<br>HB9DQV<br>N7ZO<br>NR9J                              | <b>1907</b><br>DL4NBE<br>DL5MHQ   |
|  |  |  | <b>1918</b><br>N6NU   | <b>1906</b><br>GM4FDM<br>IK7WPC<br>JA1HOM   |

|   |   |   |  |  |
|---|---|---|--|--|
| K1BZ<br>KQ4EE<br>N3KS<br>OE1SZW<br>W2YK   | <b>1896</b><br>JA2EWE<br>WB5AAA                   | <b>1883</b><br>IW0BYL<br>W2PA   | K9SE<br>SM6CLU   | WQ5R   |
| <b>1905</b><br>JA6JEW<br>OH5LLR<br>SM1TDE   | <b>1895</b><br>DF1ZN<br>LA5SJA<br>SP6AEG<br>W0PSY | <b>1882</b><br>EA5RU<br>JA3MVI<br>JI1WLL<br>JS6TWW                      | <b>1871</b><br>DL9IU<br>K4EU<br>W9VG<br>WV2I                                       | <b>1863</b><br>JA1PAH<br>WO9S                                    |
| <b>1904</b><br>DL1DAW<br>K8EAB  | <b>1894</b><br>JA0AXV<br>K5OA<br>W4HZ             | <b>1880</b><br>VE7TK<br>WB2KSK<br>WX0B<br>YO4AUL                        | <b>1870</b><br>DF1KG<br>I8OCA<br>JH8SIT<br>N6QI<br>SM5FQQ                          | <b>1862</b><br>DJ5IO<br>JA1GUC<br>K2CIB                          |
| <b>1903</b><br>KZ1W<br>NQ3A   | <b>1893</b><br>K4JKB                              | <b>1879</b><br>DL3LBM<br>RD9M   | <b>1869</b><br>JH0EQN<br>JJ1TKN<br>N6ZN<br>RU1AO<br>WK7E                           | <b>1861</b><br>JK1VXE<br>N1AC<br>VE3YV                           |
| <b>1902</b><br>IU2ANW<br>JA4KDT<br>JQ1ALQ   | <b>1892</b><br>K8QKY                              | <b>1878</b><br>K5AB<br>K5KG<br>K9AU<br>K9UQN<br>N2NW<br>RA4WE<br>YO2KHK | <b>1868</b><br>DF2UA<br>G3SBP<br>JA8AZN<br>SV1OZ<br>UA1ORK                         | <b>1860</b><br>DL5KUA  |
| <b>1901</b><br>F5JSD<br>JP1HDK<br>S58J  | <b>1891</b><br>K6XN<br>LA9TY<br>W6AER             |   |  | <b>1859</b><br>W5JMW   |
| <b>1900</b><br>FG4NO<br>JA7BSD<br>JH2VVH<br>JH7CUO<br>JH7IMX<br>PT7ZT<br>W1AW<br>W5KI | <b>1890</b><br>W8QID                              | <b>1877</b><br>EA7QW<br>N4HN<br>W0FS<br>YO3JF                           | <b>1867</b><br>JH8KFE<br>N3ND<br>RA4P<br>RO1B                                      | <b>1858</b><br>EU1M<br>GI4DOH<br>I4JBJ<br>NL7S<br>SP3F<br>SV8DOU |
| <b>1899</b><br>N4TOL<br>WB2BIN  | <b>1889</b><br>IK6GRT<br>IU8FRF<br>JH0OXS         | <b>1876</b><br>AA4AK<br>WO2X  | <b>1866</b><br>HB9MFM<br>JA4HWX<br>JE1BMJ<br>K1JB<br>K1JD<br>K9CS<br>RA0BA<br>RT3M | <b>1857</b><br>AA4U<br>EA5B<br>JH1OGT<br>PA0JNH<br>W7WZ          |
| <b>1898</b><br>DL8OH<br>G4FKA<br>PY5IP<br>UN1L  | <b>1888</b><br>MM0BQN<br>W4YCH                    | <b>1875</b><br>IZ8AJU<br>WV9L   |  | <b>1856</b><br>K4EA  |
| <b>1897</b><br>GU0SUP<br>JL3MCM<br>KI4WCQ<br>KW4MM<br>YO2DFA                          | <b>1887</b><br>DF6TC<br>JA0KJD<br>K9DT<br>KM3J    | <b>1874</b><br>DF3EC<br>JA7VEI<br>K6IPV<br>WB6JJJ                       |  | <b>1855</b><br>I0GOD<br>JT1CO<br>K4XU<br>K5CWR<br>PY2GM          |
|   | <b>1886</b><br>WB2WPM                             | <b>1873</b><br>IT9ODQ<br>K5TN<br>WA4VA                                  | <b>1865</b><br>AK5X<br>K3PT<br>SK3BG<br>SP6IEQ<br>W0FK                             | <b>1854</b><br>5B4XF<br>KJ7TEA<br>W1EG<br>WA5POK                 |
|   | <b>1885</b><br>DK6OR                              | <b>1872</b><br>AC4VM<br>JG1DUZ  | <b>1864</b><br>MU0FAL<br>N0ODK<br>NV4B   | <b>1853</b><br>K3WWT<br>N2ZZ<br>N7MQ                             |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| W2RIJ       | W0DD        | SM3PHM      | <b>1819</b> | CT1DOF      |
| <b>1852</b> | W8ZF        | VK3FM       | AA4DD       | VK5GR       |
| JA4EVN      | WB2AQC      | <b>1830</b> | K5UZ        | <b>1808</b> |
| <b>1851</b> | <b>1840</b> | DL8FBD      | SP7ICE      | EA2AFV      |
| JA1UTZ      | EI6IZ       | IT9BLB      | WB0N        | N3RW        |
| JA7GYP      | K2MP        | K0OK        | <b>1818</b> | W0MU        |
| K2TER       | W0KJCJ      | N6AX        | 7K1CPT      | WB2NPY      |
| N6GP        | W5UE        | <b>1829</b> | K0THN       | YL2CA       |
| NS4P        | <b>1839</b> | KD1F        | K3AJ        | <b>1806</b> |
| WA4QMQ      | DJ8OG       | <b>1828</b> | YO9BXE      | JR6IQI      |
| <b>1850</b> | W1KDA       | JA1QIW      | <b>1817</b> | K5CD        |
| DL6KO       | <b>1838</b> | K3NF        | WA4BIM      | PA0MBD      |
| I0LYO       | DJ1TO       | <b>1827</b> | <b>1816</b> | <b>1805</b> |
| IT9AAI      | EI7CC       | HB9DDM      | G3WW        | CT1BXX      |
| JA2KTP      | N9YB        | JG1SWM      | S52FW       | JH7WQX      |
| JA7JPZ      | <b>1837</b> | N1IA        | <b>1815</b> | JH8UQJ      |
| N3XM        | CX2CC       | UA9FFV      | IW0BCF      | W6BK        |
| <b>1849</b> | EI2JD       | WW5G        | W1PX        | <b>1804</b> |
| IZ8MBW      | HB9IIO      | <b>1826</b> | W3KB        | OZ1HPS      |
| JA4CZM      | KU8X        | K5OT        | WD4OIN      | <b>1803</b> |
| ZS6NJ       | LY9Y        | YO3DDZ      | <b>1814</b> | VE6KC       |
| <b>1848</b> | <b>1836</b> | <b>1824</b> | 4X4MF       | <b>1802</b> |
| JE6HGL      | G3YQA       | DL1HBT      | AA9LC       | JH7QLR      |
| <b>1847</b> | K0SD        | DL7APK      | HB9FBG      | JH7VTE      |
| AJ8MH       | N3OC        | IK0EFR      | LB2HG       | K2MK        |
| VE1OP       | WA6SCW      | JJ1KZZ      | <b>1813</b> | KE5PO       |
| W1WLW       | <b>1835</b> | W4DEE       | EA8DIB      | N6MXU       |
| WB4QOC      | JA6HQT      | W6WF        | JI1LAT      | WC2K        |
| <b>1846</b> | PY2GG       | W8OM        | K4JWA       | <b>1801</b> |
| JA2XW       | W0ZD        | <b>1823</b> | KB6CIO      | IK0WRB      |
| W4PNY       | W2CDO       | LZ2ZG       | VK6LC       | N5PR        |
| <b>1845</b> | WC4X        | NI5F        | WC7Q        | <b>1800</b> |
| WY6N        | <b>1834</b> | SQ9OH       | <b>1812</b> | DL4FAP      |
| <b>1844</b> | AG5W        | WY1G        | IV3ARJ      | JA1DOT      |
| N8SHZ       | <b>1833</b> | <b>1822</b> | K3MSB       | K3GGN       |
| <b>1843</b> | K5ZQ        | HL2ZN       | W7CD        | <b>1799</b> |
| KK4CB       | LU8ADX      | I4JEE       | <b>1811</b> | JE1IBI      |
| N1MD        | W5DM        | WB0TVY      | IZ3BJK      | K0MD        |
| <b>1842</b> | W7IB        | <b>1821</b> | N8NA        | K7GS        |
| HB9FMT      | W8CD        | K3GT        | OH2RI       | W9MO        |
| NE9Z        | <b>1832</b> | YV5LI       | <b>1810</b> | <b>1798</b> |
| VA7ZT       | JA1XEL      | <b>1820</b> | DL1DWT      | DL7KL       |
| <b>1841</b> | JF7ELG      | DL1TS       | NM5Z        | GW4BKG      |
| AB2E        | <b>1831</b> | JA3EY       | NU7J        | K1IFJ       |
| NA9Q        | I1YDT       | K8ZM        | VA7CRZ      | KC5LK       |
|             | KD5QHV      | W1DYJ       | <b>1809</b> | KE8KMX      |
|             | KF7F        |             | AA6PW       | KF9UG       |

|   |   |  |   |  |
|---|---|--|---|--|
| N7ELL<br>S59DKR   | LA1U<br>N5FF<br>NU4Y  | N4PYI<br>W6OD  | <b>1769</b><br>KE4KY<br>WC7N<br>XE1VIC                                    | <b>1759</b><br>JA0NZR<br>JE4NAN                                  |
| <b>1797</b><br>KH6M   | <b>1787</b><br>AA9RR<br>KM7R<br>N9JR<br>ON8GT                                       | <b>1779</b><br>JA6GIJ<br>K5AV  | <b>1768</b><br>K7LAZ<br>NE1F  | <b>1758</b><br>KE4S<br>SM5GLC                                    |
| <b>1796</b><br>K2IXQ  |   | <b>1778</b><br>HB9AWS<br>JF1WLK<br>JG1LBN<br>JH1ILX<br>JR3QHJ<br>K6UFO<br>S50B | <b>1767</b><br>JA1PPW<br>K0QQ<br>VE3VC<br>W1SLF                           | <b>1757</b><br>JH4JLV<br>JI2FBG<br>JS1NDM<br>SV1NJW              |
| <b>1795</b><br>JR1DQK<br>K5ZD<br>KA9OKH<br>RC3FL<br>SV3ICK<br>VK3NX<br>WC4B<br>WD8NVN | <b>1786</b><br>AA7XT<br>G4AFJ<br>N2CG   |  | <b>1766</b><br>JG1HVC<br>LZ1MS<br>N2KX<br>N5QS<br>SP5ELW<br>TF3DC<br>W6DX | <b>1756</b><br>F6KOP<br>JP1LRT<br>K5CR<br>NE9R<br>YL3DQ          |
| <b>1794</b><br>I2YWR<br>IK3ITX<br>PA0VLY<br>SM0BYD                                    | <b>1785</b><br>JI8PDC<br>JJ1CZR<br>JL1BYZ<br>K7NK<br>K9QFR<br>R5DU<br>W2DXE<br>W3UM | <b>1777</b><br>JA7DYJ<br>ND3L  |   | <b>1755</b><br>JH9AUB  |
| <b>1793</b><br>G4ZOY<br>G7VJR<br>JA0EVI<br>K1XV                                       | <b>1784</b><br>EA5DFV<br>I2TZK<br>JA1IAZ<br>JJ2ONH<br>JM1LPN<br>LA8AW<br>W3MF       | <b>1776</b><br>SP3AU<br>W8GEX  | <b>1765</b><br>K7XC   | <b>1754</b><br>N9XX<br>VK2CA<br>W8RV                             |
| <b>1792</b><br>DL3EA<br>JH4RLY<br>JR6GIM  |   | <b>1775</b><br>BA4TB<br>I8YAV<br>WA2UBK  | <b>1764</b><br>DS5RNM<br>HB9ZS<br>UR4IOR<br>UW7UA<br>VA7RY                | <b>1753</b><br>RD8X  |
| <b>1791</b><br>JA2OLJ<br>W3DM   | <b>1783</b><br>IZ0CBB<br>K4SX<br>R9MJ<br>UN7JID                                     | <b>1774</b><br>JH1FVE  |   | <b>1752</b><br>AL7R<br>JF2HPA<br>N2ZA<br>N7GR<br>N8HRZ<br>W3NS   |
| <b>1790</b><br>IZ0GYP<br>JI3CJP<br>SV8RX<br>W9CSX                                     | <b>1782</b><br>SM0XBI<br>W1UK<br>W3TI   | <b>1773</b><br>AJ7G<br>JH1XEF<br>K0EOO<br>OZ7DN<br>PY2SEX                      | <b>1763</b><br>IK4THK<br>W9ZJ   | <b>1751</b><br>KR0P<br>LA5XGA                                    |
| <b>1789</b><br>IK2ZJN<br>JI3BFC   | <b>1781</b><br>DL1FKA<br>JP7FSO<br>K1DW<br>W6TK                                     | <b>1772</b><br>K9PG<br>UW2ZO<br>WA0SXV<br>WB4GLI                               | <b>1762</b><br>AB4GE<br>JH2AJY<br>N1API<br>S53MJ<br>TI5CDA                | <b>1750</b><br>AL7TC<br>JH6PFY<br>N9AOL<br>W3US<br>W4CCS<br>W8NN |
| <b>1788</b><br>HB9TOC<br>JA3HBF<br>JG6NGS<br>K0ARS<br>K4WM<br>KT2C                    | <b>1780</b><br>EA2AAZ<br>IV3KCB<br>JA7FAS<br>K0GW<br>N2GZ                           | <b>1771</b><br>K3SV<br>N7BD<br>ZL3RJ   | <b>1761</b><br>HB9BOU<br>RX3APM   | <b>1749</b><br>N6BM  |
|   |   | <b>1770</b><br>EA4DL<br>JA1UII<br>R3CR<br>SM5YOC                               | <b>1760</b><br>DK0EE<br>HB9TMW<br>JA8IUB<br>JR1EFG<br>K4WY                | <b>1748</b><br>DF7AP   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DL5NO       | N0STL       | JA6JNF      | LA9GX       | <b>1711</b> |
| DM2HK       | N3MK        | JE3EDJ      | W0PR        | W1KMA       |
| JG4NNS      | N4GU        | K5TIA       |             |             |
| K2RET       | NA6O        | WX6V        | <b>1720</b> | <b>1710</b> |
| OZ1ACB      |             |             | HK3PJ       | EU4A        |
| RM6B        | <b>1737</b> | <b>1729</b> | KK0DX       | JE1HPM      |
|             | DL9EO       | DK4PE       | N4XYZ       | JG3KCX      |
| <b>1747</b> | K1DX        | I7PXV       |             | KG4CUY      |
| JA1ETN      | W3ML        | LA2GH       | <b>1719</b> | KS0M        |
|             |             | W8NGA       | AE4CW       | N8AYY       |
| <b>1746</b> | <b>1736</b> | XE1FAS      | G0BBB       | NJ7G        |
| SM2DMU      | KB1HY       | XE1L        | W6SFK       | W4GP        |
|             | N7MB        |             | WA2MBP      |             |
| <b>1745</b> | N7UVH       | <b>1728</b> |             | <b>1709</b> |
| SM5ELV      |             | OH1HB       | <b>1718</b> | JA7BME      |
|             | <b>1735</b> |             | IZ1JLG      | JE2EBT      |
| <b>1744</b> | JA5DBE      | <b>1727</b> | K6CF        | K1ZJA       |
| EA4DEI      | K3NQ        | IK7YTT      | ND3F        |             |
| JA7MAD      | K7FL        | JA1KXT      | NX2X        | <b>1708</b> |
| K8SL        | KW9U        | JE4CIL      | WA6TLA      | HL2VA       |
| KL7TC       | N4CQ        | JR5JAQ      |             | IT9ZZO      |
| RX6DX       | RN9CM       | K4AR        | <b>1717</b> | JA1SHE      |
|             | RU6K        | K4QE        | JF1KMC      | JA4IXI      |
| <b>1743</b> | W3FJ        | KR8T        | SP7CVW      | JH1SBE      |
| K0HD        |             | N1NU        | SV1GRE      | N8VV        |
| K1RH        | <b>1734</b> | N7HN        |             | W5UHQ       |
| WA5NFC      | 5B4ALJ      |             | <b>1716</b> |             |
| WB5NHL      | JE0ART      | <b>1726</b> | 9A1CKH      | <b>1707</b> |
|             | JE2KSM      | DL9GTB      | AA4M        | AB2RF       |
| <b>1742</b> | JJ1QUV      | IK3DVY      | DK1EI       | K9RE        |
| DL7JRD      |             | K4VNY       | K7WE        | SM5CSS      |
| K5ALQ       | <b>1733</b> |             | N3RD        |             |
|             | JQ2QHQ      | <b>1725</b> | NO9E        | <b>1706</b> |
| <b>1741</b> | N6WM        | JH1FNU      |             | AC6HY       |
| KW4CQ       |             | N6EE        | <b>1715</b> | IK4DKO      |
| N0UN        | <b>1732</b> | V31MA       | JG3WCZ      | JA4MMO      |
|             | DL8TV       |             | K2CYE       | PA3BWD      |
| <b>1740</b> | IK1UGX      | <b>1724</b> | KK5OQ       | W9BP        |
| CT2GLO      | IK6EIW      | F5JY        | N1CGP       |             |
| DK5QK       | JA5JUG      | JA3CSZ      | N4TD        | <b>1705</b> |
| KD8F        | KA1DJ       | VE3SKX      | OZ8X        | K7GQ        |
| N1KDO       | N4DWK       | YB1TJ       |             | WY0V        |
| RC2A        |             | YO3AIS      | <b>1714</b> |             |
| VK7CW       | <b>1731</b> |             | DL5CL       | <b>1704</b> |
| W3HKK       | JA0MRW      | <b>1723</b> | JA1VRU      | JL1GYZ      |
|             | JA9NUN      | DL9OBY      | JR0PJR      | KF4ZZ       |
| <b>1739</b> | KR4W        | JA8EIA      | K8JE        | N7FU        |
| AD6ZJ       | N2RR        |             | LB7ZG       | SP5JXX      |
| CT1IZW      | N5EPA       | <b>1722</b> | N7KO        | W7FP        |
| EA3WL       | SM5BS       | IK2GPQ      | OE5TXF      |             |
| K4EB        | W6WA        | JA3UNA      |             | <b>1703</b> |
| K6RG        | W9GXR       | M0IKW       | <b>1713</b> | HK4L        |
| OE1ALW      | WA9JWL      | N1WQ        | HA7LW       | NA2X        |
| UN1O        |             |             | ZS6UT       | W9ROG       |
| <b>1738</b> | <b>1730</b> | <b>1721</b> |             | <b>1702</b> |
| F5RQQ       | AA4LR       | DM3ZF       | <b>1712</b> | JG3HBO      |
|             | AG7N        | EA2J        | K8SIA       |             |



|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| JH1MFN      | R1QA        | KV4AA       | IV3AVQ      | K7AWB       |
| JH5HDA      | W2GS        | VK6OZ       | WX2U        | <b>1665</b> |
| JK1SQI      |             | W1OG        |             | JF3LGC      |
| KM9E        | <b>1692</b> |             | <b>1674</b> | JR4CZM      |
| N9PGG       | 4X1SK       | <b>1684</b> | JA1BNL      | K3MD        |
|             | BV1EK       | N9LJX       | JA7NLW      | K9GS        |
| <b>1701</b> | CT1ELF      |             | KB1W        | SM2EJE      |
| CT3CD       | JA3KZV      | <b>1683</b> | ON6YH       | UA0SC       |
|             | K0KP        | VE7SZ       | W1JQ        | WA4MME      |
| <b>1700</b> | W0AD        | W1JA        |             |             |
| IZ5FSA      | W1UE        | W4JVN       | <b>1673</b> |             |
| JA0ED       | W4LIA       | WA2UUK      | EA7DUD      | <b>1664</b> |
| KE5TD       |             |             | HB9DQL      | AD3C        |
| N9DR        | <b>1691</b> |             | N8PCN       | DL8SDC      |
| NA4MM       | K5TR        | <b>1682</b> | NU4I        | IK1MEG      |
| NK7C        | KE5FXE      | AG4Q        | W8UQ        | WE2N        |
| WB2RAJ      | N6KK        | WR2K        | WT3Q        |             |
|             | NS3L        |             |             | <b>1663</b> |
| <b>1699</b> | NX8Y        | <b>1681</b> | <b>1672</b> | GW4TSG      |
| CT2IUK      | W8BLA       | JA1JYE      | DG5LAC      | IK0XIH      |
| K8KI        |             | JA3AVO      | G3YBO       | JI1MNT      |
| WA6G        | <b>1690</b> | JJ0NSL      | K4WW        | K8AO        |
|             | DJ6NI       | K9MUF       | W1FA        |             |
| <b>1698</b> | K8ZZU       | N5PG        | ZL1HD       | <b>1662</b> |
| HL4CCM      | W6RFF       | OK1DX       |             | DL6UNF      |
| K5PC        | WC0W        | RL3AW       |             | JR0EQQ      |
| KF7NN       |             | W4UEF       | <b>1671</b> | N8NB        |
| W8SAX       | <b>1689</b> | WB6L        | AC0X        |             |
|             | HB9CQL      | WF1H        | W7QHE       | <b>1661</b> |
| <b>1697</b> | K9ARZ       | YO3FGO      |             | K7FEL       |
| 9A1R        | N3NR        |             | <b>1670</b> | KF2T        |
| AD5WB       | W4GMY       | <b>1680</b> | N4BAF       | RL2A        |
| JH1IZR      |             | W1MR        |             | W1EL        |
| KK9T        | <b>1688</b> |             | <b>1669</b> | WA7BNG      |
| WA4MIT      | AA0ZP       | <b>1679</b> | JH2AQI      |             |
|             | K5MT        | 7L1CYC      |             | <b>1660</b> |
| <b>1696</b> |             | JA4IYL      | <b>1668</b> | AD4AA       |
| HB0WR       | <b>1687</b> | JK7LXU      | 7K3QPL      | IZ6CST      |
| N4AOE       | EC6AAE      | K9SO        | HA5LQ       | LA4WJ       |
| NA6MG       | KU5B        | W3UL        | HB9BNQ      | ZP5YW       |
| RA0R        | N2LQ        |             | K2DC        |             |
| W9GG        | N3TR        | <b>1678</b> | NE3H        | <b>1659</b> |
|             | R6FFB       | 9K2BM       | VA7KO       | AJ8B        |
| <b>1695</b> | W6GRV       |             | W8NJR       | JA4GXS      |
| JA1FUI      |             | <b>1677</b> | WA1ZIC      |             |
| JH3HGH      | <b>1686</b> | DJ3XG       |             | <b>1658</b> |
| KF4VTT      | AG3V        | EA7BJ       | <b>1667</b> | DL2JIM      |
| LX1DA       | F6DAM       | KM4NS       | 4X6UU       | VE1JS       |
|             | JA1NRH      |             | AE5B        | VR2KW       |
| <b>1694</b> | JA6AVT      | <b>1676</b> | EC5A        | W6FL        |
| 4X6GP       | K6LRN       | JE1PHH      | W9RXJ       |             |
| K4KEW       | LZ2HM       | K2RR        | WW8W        |             |
| UA1ANA      | NA4M        | PA9M        |             | <b>1657</b> |
|             |             | VE1VOX      | <b>1666</b> | SM6AOU      |
| <b>1693</b> | <b>1685</b> |             | EA4UV       |             |
| EI9FVB      | K3XO        | <b>1675</b> | F5CT        | <b>1656</b> |
| KF2TI       | KE0A        | AH2O        | JA1TD       | DK3QM       |
|             |             |             | JR2PZX      | F5BEG       |

|   |  |   |   |   |
|---|--|---|---|---|
| N2CQ<br>W0KEU   | IK4HLO<br>R7HF<br>R9JX<br>W9MR                                     | <b>1634</b><br>CT1BOY<br>F6GCP<br>JA7MYQ<br>JM1JIV<br>N7RD<br>US8UA         | <b>1626</b><br>KF1C<br>W2RA<br>W4AG<br>WB8BZK   | NZ5O<br>W0SD  |
| <b>1655</b><br>GW4MVA<br>HB9MEJ<br>JA1HSF<br>NF3R<br>PB2A<br>UA3AKI               | <b>1644</b><br>EA4DB<br>JL1WQO<br>JR7ILA<br>KG5UZ<br>VE3MM<br>W2PP | <b>1633</b><br>KI6X<br>RA6AAW<br>RW9SG<br>VE3IQ<br>W7JW                     | <b>1625</b><br>I2EAY<br>JA4SSM<br>RV4LC<br>W3OOU  | <b>1618</b><br>AD4Z<br>KE6V<br>KF4MH<br>KU2C<br>UA0FDX<br>W5LO<br>W8WVM                 |
| <b>1654</b><br>JE7RJS<br>RN3OA<br>SM4CTT  | <b>1643</b><br>K4FX<br>KO6KD<br>N4FN<br>PY2DV                      | <b>1632</b><br>AA3TH<br>K4GO<br>KN7Y<br>N4NR<br>S51MA<br>WF4G               | <b>1624</b><br>HB9DVO<br>HB9DVZ<br>JR1WYW<br>K8YE<br>N8WRL<br>TF4M<br>UA9CNX<br>VR2CH<br>WA5NOM | <b>1617</b><br>JG3KLF<br>JR0QFA<br>JR7XOD<br>K0CF<br>KC2SST<br>KM8AM<br>OZ3SM<br>WB2HJV |
| <b>1653</b><br>K8ZT/QRP<br>SE2T   | <b>1642</b><br>DL1EK<br>K2QB<br>W1HEO                              | <b>1631</b><br>I5XFD<br>K6UNE<br>K7CMR<br>N0YY<br>PT7DX<br>SM5BNK<br>SP5UAF | <b>1623</b><br>AC5AA<br>IK2QEI<br>K1AJ<br>K5IB<br>W1OK<br>W7CP                                  | <b>1616</b><br>EA5HM<br>HK1X<br>I5FLN<br>JJ2VLY   |
| <b>1652</b><br>GM3WIL<br>K3WI<br>KC6JAM<br>KU4BP<br>N4FY<br>N4ZR<br>VA2IG<br>ZS2Y | <b>1641</b><br>DJ7JC<br>JA4HXF<br>K3WGR                            | <b>1630</b><br>JR1CAD<br>K7HC<br>W5BK                                       | <b>1622</b><br>AA8SW<br>EA3ELW<br>KF4NEF<br>NW7M  | <b>1615</b><br>JI1HNC<br>W4MA<br>W7IUO  |
| <b>1651</b><br>N7VPN  | <b>1640</b><br>IZ5YHD<br>K6XM<br>N4XMX<br>WA3FRP                   | <b>1629</b><br>DL7UIO<br>JH2BNL<br>KW3W<br>OT1A                             | <b>1621</b><br>K2SD<br>W6CUA<br>WB4VAM  | <b>1614</b><br>IK7HDY<br>LX1CW<br>OK2ZA<br>UA4PK<br>W5WLA                               |
| <b>1650</b><br>CT1AHU   | <b>1639</b><br>JH2GZY<br>JQ1YIW                                    | <b>1628</b><br>N4MEC<br>N8GP<br>NW4M<br>SV1BYI<br>VE1RGB<br>VE1SK           | <b>1620</b><br>9A6ST<br>I7LGM<br>KC9FFV<br>SM5OJH<br>VE1JF<br>W7YW<br>WA4NUF<br>WB4DNL          | <b>1613</b><br>JA2ODB<br>K5EWJ<br>K8OD<br>W6OUL<br>W7LGG                                |
| <b>1649</b><br>N5PA   | <b>1638</b><br>KR4BD<br>LU1FAM<br>N9TK                             | <b>1627</b><br>EA4EPY<br>HA2NA<br>IW9HII<br>N8AGU<br>W0ZS                   | <b>1619</b><br>DL5AVJ<br>I4JED<br>JH7IQQ<br>ND7J  | <b>1612</b><br>DH3KM<br>G4FAL<br>JE1CTA<br>KM2E<br>SV2CLJ                               |
| <b>1648</b><br>JA6BZA<br>K9EXY<br>N5MT  | <b>1637</b><br>DK3BK<br>JA9RT<br>NA3F                              |   |   | <b>1611</b><br>EA5AR<br>G4FTC   |
| <b>1647</b><br>DL4UCS<br>JA5QAH<br>YV5KTM   | <b>1636</b><br>K3LR<br>RN6AJ                                       |   |   |   |
| <b>1646</b><br>HL1AV<br>IZ5EBL<br>N0AMI<br>YO3VU                                  | <b>1635</b><br>AA4A<br>JA1DCK<br>YP3A                              |   |   |   |
| <b>1645</b><br>GM0VRP   |  |   |   |   |

|   |   |   |  |   |
|---|---|---|--|---|
| IV3TMV<br>JA1PCM<br>JN1NOP<br>K0SRL<br>K6LPO<br>W2UDT           | <b>1602</b><br>K1FT<br>K1LEC<br>K3VAR<br>K4OCE<br>K5HK<br>NY4I<br>VR2XYL    | SK0QO   | SV8LMQ<br>W7TSQ  | JH1AQN<br>K4QD<br>K7LY  |
| <b>1610</b><br>JA1GVT<br>JN1XNI<br>OE1PMU<br>W2GFF              | <b>1601</b><br>KY9KYO<br>SP4K<br>YL2TD                                      | <b>1593</b><br>HB9AAA<br>JA3EEM<br>K3GW<br>OH2LHE                           | <b>1585</b><br>7M2PDT<br>JF3SFU<br>K9QJ<br>KE4SCY<br>KN4JX<br>WD8KND | <b>1577</b><br>JA4ICR<br>JL1ELQ<br>K8DE<br>W6HDG<br>WS9W<br>YV5AM                         |
| <b>1609</b><br>IW5AB<br>JA1CCO<br>WJ2R                          | <b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>VU2CDP<br>W4QK<br>W6BCQ<br>WA1EHK | <b>1592</b><br>DL5RDI<br>KU2A<br>VE7CV<br>VR2XLN                            | <b>1584</b><br>I1PLX<br>JR0AMD<br>JR4LZX<br>N6WT<br>VR2MY            | <b>1576</b><br>JA8ECS<br>K2ZD<br>K7CU<br>N1LID<br>W5WI                                    |
| <b>1608</b><br>AA4FU<br>EA5K<br>I0KDF<br>JA2CUS<br>R3IS<br>W5ZE | <b>1599</b><br>K08SCA<br>W0QC   | <b>1591</b><br>JF1WQC<br>UT5URW<br>W5VU                                     | <b>1583</b><br>JI2KUJ<br>K1OT<br>K4WFM<br>KJ5PQ<br>KL7TS<br>N6DHZ    | <b>1575</b><br>DD3KF<br>JA1NQU<br>K0PC<br>K7LFY<br>UR4CWQ                                 |
| <b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAZ<br>WB6BFG     | <b>1598</b><br>CT1ELC<br>IV3FFI<br>IZ0ADG<br>K18L<br>N4XX<br>W7TUS          | <b>1589</b><br>F6FYD<br>IZ4AIB<br>JA2HNP<br>KE9U<br>KZ7N                    | <b>1582</b><br>F4GVO<br>JK1WSH<br>LU2BA<br>N0KK<br>W4UFO<br>Z32ZM    | <b>1574</b><br>AB0RX<br>JA1XUY<br>ON6KE<br>PT2ADM<br>RU3A<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ |
| <b>1606</b><br>JJ1PFC<br>K3KY<br>VE3YXO<br>W7VS                 | <b>1597</b><br>I8MTQ<br>K3IE<br>W5RYA<br>XE2MX                              | <b>1588</b><br>ER0FEO<br>FM5CD<br>JA1PBV<br>KB5UNX<br>KE3X<br>N3ZOM<br>N9MR | <b>1581</b><br>JR4VMS<br>KJ9X<br>LZ3CB<br>WF8R<br>XE2YWH             | <b>1573</b><br>DL2HRT<br>K4AV<br>WA3GNW   |
| <b>1605</b><br>V51YJ<br>WA9BZW<br>WF5E                          | <b>1596</b><br>N8DUY<br>N9JCS<br>W6KGP<br>YO9FQT                            | <b>1587</b><br>JA9ESZ<br>JG1OWV<br>JG3RWX<br>KF2OG<br>NU4E<br>RO7T<br>VE1HQ | <b>1580</b><br>AA3AZ<br>AA6RE<br>F5LIW<br>JH8OCV<br>OE6CLD<br>WA6POZ | <b>1572</b><br>G4AYU<br>JM3GXU<br>VU2IBI  |
| <b>1604</b><br>KC8RP<br>N9IO<br>PY6HD<br>W6ZQ<br>WB5STU         | <b>1595</b><br>DK5HZ<br>WA6EZV  | <b>1586</b><br>IZ8EKL<br>JE7ETY<br>JR1JGA<br>K4GK<br>KK9M                   | <b>1579</b><br>JF1AGB<br>NA1DX<br>NP3CW<br>W9BS                      | <b>1571</b><br>G4DYC<br>HL5FBT<br>JJ3FRB<br>W0BBI<br>XE1R                                 |
| <b>1603</b><br>K6KZM<br>W5NUT<br>WT2P                           | <b>1594</b><br>E74A<br>JJ6WZS<br>KD0AA<br>KN4PPD<br>NU2Q                    |   | <b>1578</b><br>AA4UC   | <b>1570</b><br>N7GCO<br>W9HP  |

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|--|--|--|--|--|
| <b>1569</b><br>AC9O<br>K6BZS<br>RL3BZ<br>SP5LKJ<br>UA1TAN          | ND1Y<br>UA1CKC   | NE0DX<br>RA9SC<br>WN7J<br>WQ7B<br>ZL3TE  | I2DMI<br>JL3OUW<br>WP3R  | <b>1537</b><br>JH1RVQ<br>KD3HN<br>KE7W<br>N7TR<br>RZ3EM<br>VE3OTL<br>W4OV<br>W6DCK<br>WW1V |
| <b>1568</b><br>DL6DQW<br>JA0CVC<br>LA2IR<br>W3OU<br>YO3GOD         | <b>1559</b><br>JG1LFR<br>N0OK<br>ON4ACG  | <b>1551</b><br>JA0NPQ<br>JA6GXP<br>KD4POJ<br>LU4FW<br>RD9U   | <b>1544</b><br>7L4VYK<br>IZ6ERS<br>JA2ACI<br>JR3VMJ<br>KC4HW<br>KW4J<br>N6NR           | <b>1536</b><br>DL5ZB<br>EA5GHD<br>IK4FNF<br>K4CGY<br>OK4YL<br>W5FPT<br>W9KVR               |
| <b>1567</b><br>DK5JI<br>F6DHI<br>IS0MVE<br>VU2LBW                  | <b>1557</b><br>7M4CLF<br>JG1BKX<br>VK3KE<br>W1JGS<br>YV5KAJ  | <b>1550</b><br>JA8RRF<br>N6EM<br>OZ1RE<br>W9LN<br>WA4USA   | <b>1543</b><br>N5CQ<br>RZ6DX<br>SM5ACQ<br>UA6J<br>UR5WCW<br>VE6BMX                     | <b>1535</b><br>AA5N<br>IZ0CKJ<br>K0IS<br>UR5WIF<br>W4UDH<br>WA8A                           |
| <b>1566</b><br>E77S<br>IK8YFU<br>JL6USD<br>N4MI                    | <b>1556</b><br>JJ2KDZ<br>KK8MM<br>N7TM<br>R3DL<br>RA3M<br>WJ3A   | <b>1549</b><br>AC6BW<br>DL3NSM<br>IK7AGT<br>K1CBK<br>K5AC<br>K5RKS<br>K8LO<br>PY4AZ<br>W5SUM<br>W9WO | <b>1542</b><br>JD1AMA<br>JL3DGI<br>MW0CBC<br>W2GB                                      | <b>1534</b><br>DF2WF<br>DJ2VO<br>K2OP<br>VA2LM<br>W6JZ                                     |
| <b>1565</b><br>JR3XUH<br>KE1B<br>W0FG                              | <b>1555</b><br>EA4D<br>JL1OEC<br>KA6A<br>KK7YC<br>VK3TC  | <b>1548</b><br>IN3EQZ<br>JG2CNZ<br>K0COM<br>K6ZP<br>KD4SN<br>N2ZN<br>SP7QHR<br>W5MO                  | <b>1541</b><br>IK2RGT<br>IK4YCQ<br>JA1XPH<br>JF1MTV<br>JG1ULT<br>N6VNI<br>W4NE<br>W8BI | <b>1533</b><br>9A0W<br>IQ2VA<br>JH2KXN<br>K6EGF<br>KI7AO<br>KZ5DX<br>W1LE                  |
| <b>1564</b><br>IK4TVP<br>K4MV<br>N6RFM<br>UT6UA                    | <b>1554</b><br>AA6K<br>DL4MM<br>KE9S   | <b>1547</b><br>JA9APM<br>JH2AYB<br>K6QU<br>N7OJ<br>WA3GFM  | <b>1540</b><br>IW7EBE<br>OZ1BXG<br>WA2BOT  | <b>1532</b><br>HB9HBZ<br>HK3CW<br>K8ROK<br>OK1FMX<br>UT2AB                                 |
| <b>1563</b><br>IV3BSF<br>JM2QWQ<br>LZ2XF<br>W2DEN<br>W4NBS<br>W9QO | <b>1553</b><br>AK5Q<br>HB9VAB<br>HL3ERJ<br>I8KHC<br>JP1SRG<br>JR1AIB<br>KE4BKL<br>SV2BXA<br>SV3KH<br>W4CSW | <b>1546</b><br>G8BCG<br>JE1LPZ<br>JK1MZT<br>OZ2RH  | <b>1539</b><br>HL4CBX<br>HL4XM<br>N5ID<br>OH1WR<br>PY2RN<br>VE2BWL                     | <b>1531</b><br>VE7XT<br>WS4C   |
| <b>1562</b><br>YB0NFL  | <b>1552</b><br>JA1MLY<br>JH8JYV<br>M0VAA   | <b>1545</b><br>EA4DUT  | <b>1538</b><br>CU7AA<br>JA4RED<br>JA6ENL<br>K2JL                                       | <b>1530</b><br>5T5PA   |
| <b>1561</b><br>E73W<br>JL1VAL<br>K9CJM<br>W8JA<br>XE1YD            |  |  |  |  |
| <b>1560</b><br>KG6D  |  |  |  |  |

|   |   |   |   |  |
|---|---|---|---|--|
| JA1DFK<br>K7CMZ<br>W3WST<br>W7BEB<br>W7BQ   | <b>1523</b><br>EA3ESZ<br>JJ1OKK<br>N9DD   | <b>1516</b><br>DJ6TF<br>EA5KA<br>G4RGK<br>K0AU<br>VE1DUN<br>WB1DX   | JA5JGY<br>JA9RBZ<br>JP1GUW<br>N1PM<br>UU7JM   | WK9U<br>ZS1C   |
| <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>JA7GAP<br>JH3KAI<br>K0LB<br>KP3AH<br>NR0P<br>UA9LAO<br>W5RZ<br>WB2ZAB | <b>1515</b><br>9A3MA<br>CU7MD<br>DL1MDZ<br>IK1DFH<br>JG6MQI<br>N1ZJ<br>W1XV<br>WA0WWW<br>WB1AEL                             | <b>1510</b><br>DM3PYA<br>N9CO<br>ZS1DX  | <b>1504</b><br>DL9DRA<br>DM5JBN<br>W4UAT   |
| <b>1528</b><br>DS3EXX<br>G1VDP<br>OE3JAG<br>SP9TPZ<br>ZL3AL   | <b>1521</b><br>SM6VR<br>WA5UA   | <b>1514</b><br>HB9ERU<br>HB9GWJ<br>KJ4R<br>M0TTB  | <b>1509</b><br>JE4FNC<br>K0VM<br>KB8GAE<br>KG5VK<br>N2YBB<br>R3BM<br>UA9MC<br>W1MJB<br>W4REX<br>YB2TS<br>YU3MAY | <b>1503</b><br>G3XLF<br>JQ1EST<br>K8MN<br>SQ7FPH<br>UT7EC<br>WB0OQV<br>YB0DJ   |
| <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>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>W7FI<br>WQ1H | <b>1508</b><br>DL0WW<br>IK4DCX<br>IU8IYE<br>IW7DVM<br>K5QR<br>N3PS<br>NN6K<br>WV4V<br>YL2EC                     | <b>1502</b><br>AD5MD<br>JJ2NWI<br>K6JJ<br>K9LCR<br>KB5HC<br>KN7K<br>VU2DCC<br>WK8A<br>YB4IR  |
| <b>1526</b><br>DS2BGV<br>G4DXW<br>JH1CML<br>K8JJC<br>LA7EIA<br>UA9AGX                                     | <b>1519</b><br>K7DSE<br>ND4DX<br>NZ6E<br>UY2UZ<br>W0PE<br>W8AKS<br>WA8CDU<br>WB4SON<br>YO9BLY                     | <b>1512</b><br>EI8GS<br>HB9FBM<br>JH6WMJ<br>NV1Q<br>RA9LT<br>UW2XW<br>VE7VF<br>W1ZS<br>W5FL<br>W6GJB<br>W6ZO<br>WA2MCR      | <b>1507</b><br>EA7DAP<br>K0NV<br>N0VVV<br>SV1XV<br>W0ELT<br>WB4KTF  | <b>1501</b><br>DL7UGO<br>F5UKW<br>HB9AGO<br>HL2DBP<br>K2SHA<br>KB1YNT<br>KC9K<br>KJ4YLO<br>KU1T<br>NK5B<br>NR2C<br>ON5GQ<br>R0QA<br>R2DO<br>UA1OM<br>W5DXQ<br>W8PI<br>WB9PNU<br>WF7T<br>YB0MWM |
| <b>1525</b><br>EW2DZ<br>G7SSE<br>JF2ICB<br>KE8G<br>OM2DX<br>UT3UX<br>W8VI                                 | <b>1518</b><br>HK6K<br>JI1VVB<br>JK1UVP<br>K4HQK<br>LA3PK<br>RK9UN  | <b>1511</b><br>AD4ES<br>DK8UH   |   |  |
| <b>1524</b><br>DJ7WG<br>DL5KUT<br>K0IL<br>K2CS<br>K6FM<br>LY3BY<br>N9LEO<br>NV4A<br>W3KHZ<br>W8WM<br>WR7Q | <b>1517</b><br>D2UY<br>JA8EJZ<br>JE3MDQ<br>K4PKM<br>W0ANZ   |   |   |  |
|   |   |   | <b>1505</b><br>JH3PAS<br>KT4AC<br>W4WN<br>WA3PTF  | <b>1500</b><br>AA4US<br>AE4AN<br>DF8FT<br>I4KYO<br>IZ0MYH<br>JF2SQB  |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| K1KI        | <b>1494</b> | N8XI        | <b>1477</b> | <b>1468</b> |
| K1VI        | G4AFU       | W7HUY       | K0BRO       | DC8TS       |
| K4RDU       | KI4TWA      |             | W0IKD       | DL5CT       |
| K5DB        |             | <b>1485</b> |             | N4MIK       |
| K5VR        | <b>1493</b> | DF9HI       | <b>1476</b> | N9LQ        |
| N2KI        | JA3CMD      | DM9EE       | JK1EBA      | W1FC        |
| N5VYS       | M0URX       | HP3TA       | LA4YGA      | WD6T        |
| N5XJ        | W4AEJ       |             | N2BI        |             |
| N7QU        |             | <b>1484</b> |             | <b>1467</b> |
| NU0C        | <b>1492</b> | IK7YCE      | <b>1475</b> | K8LN        |
| OH3FVP      | DL6GBM      | K0MFI       | G0SYP       | N1EK        |
| OK8DD       | JA2QVP      | LA9VBA      | J11UHZ      |             |
| R5AK        | K5NOF       |             | K7QBO       | <b>1466</b> |
| SM0HEV      | W0JMP       | <b>1483</b> | LX2SM       | EI4CF       |
| UT2VC       | W1GF        | 4X1RU       |             | JA3MIO      |
| VA7QI       | WW8RT       | JA3WMS      | <b>1474</b> | K3HW        |
| VE6SH       |             | JE2VFX      | AA5TL       | N9OY        |
| W4DTA       | <b>1491</b> | K4TXJ       | IW2ETR      | UA7T        |
| W9PDS       | DK3PZ       | RU3UN       | KX7DX       | W3DQS       |
| WA0JZK      | I8NHJ       | S57UX       | W2GDJ       |             |
| WI7P        | JG2LGM      | W0OGH       |             | <b>1465</b> |
| WJ0T        | K0JN        |             | <b>1473</b> | AB9M        |
| WO5I        | XE1ILI      | <b>1482</b> | DL0AVH      | K5YU        |
| WV8DX       |             | DL3IAC      | KT8O        | K7VC        |
| WY7FD       | <b>1490</b> | I0GKP       | LX1KC       | KC4HN       |
| YB1RUS      | JA6HUG      | NG0G        | NX4TT       | N4UFP       |
| YB1TQL      | JE1NVD      | W4KK        | W9NJY       | N4WE        |
| YL2BR       | VE3QAA      |             |             | YB2MM       |
| YO8CRU      | W4PG        | <b>1481</b> | <b>1472</b> |             |
|             | W5SWV       | DL1USB      | CT1BOH      | <b>1463</b> |
| <b>1499</b> |             | DL4FCJ      | JH1APZ      | IW0AFS      |
| K4IE        | <b>1489</b> | SM0NUE      | LU2DSL      | WB0ULX      |
| K5LY        | F9CI        | W0BM        | N6AWD       |             |
| KF6A        | IZ0COK      | W2TX        | W4WG        | <b>1462</b> |
| N7ZA        | JR2BJE      | WB1ASL      |             | AL7LO       |
| SM5APS      | N6YEU       |             | <b>1471</b> | DJ1OJ       |
| VE6TL       | PT7YV       | <b>1480</b> | 4X4JU       | JG1LRE      |
|             | W1LY        | AA1M        | DL4FDM      | VA3HP       |
| <b>1498</b> |             | K0XN        | EI4BZ       | WB3BFC      |
| K4AU        | <b>1488</b> | K8ZH        | JA7QVK      |             |
| KA2CYN      | CU2CE       | PY2CP       |             | <b>1461</b> |
| ON4LG       | K8AJR       | W4UW        | <b>1470</b> | K6KR        |
|             | W6JTI       | ZL3PAH      | IZ8DUD      | KN9P        |
| <b>1497</b> | WA7HQD      |             | K8GT        | M0HIH       |
| JR2IMJ      | YO8RSL      | <b>1479</b> | KF0RQ       |             |
| K5YG        |             | EI1DG       | NU4B        | <b>1459</b> |
| K8LY        | <b>1487</b> | IZ0FUW      | WS1F        | HA5UK       |
|             | LA8WG       | JJ1KXB      |             | K8JRK       |
| <b>1496</b> | N3AIU       | VA3AYA      | <b>1469</b> | S50U        |
| E73M        | N5UE        | VE3UTT      | HB9CYV      | W0VHF       |
| JA8FKO      | N6IG        | W0YK        | JM1ESG      |             |
| JH1LAH      | W4PGC       | WA3SKQ      | K8AJK       | <b>1458</b> |
| SM2OTU      |             | YL2CZ       | K9DY        | JH7HIQ      |
|             | <b>1486</b> |             | KE5BR       |             |
| <b>1495</b> | DF7FC       | <b>1478</b> | SM6WET      | <b>1457</b> |
| ON7DR       | DK8IZ       | A71AM       | XE1MW       | HB9HVG      |
| W8LR        | N7JB        | PY2OP       |             | IK5EKB      |

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|--|---|--|--|--|
| NC2Y<br>PY3VB  | <b>1448</b><br>NR0T   | UR4QFP   | K3MM<br>K7ORK<br>KM2O<br>W4HOG<br>W6OPO  | <b>1424</b><br>A61BK<br>G3PSM<br>JA1ERB  |
| <b>1456</b><br>AK7O<br>LU2AH<br>PB9FN<br>W1EBM<br>W5MF<br>W5RDW<br>W7VAS           | <b>1447</b><br>AF3X<br>IK0WMJ<br>JA1PVX<br>K9KDS<br>WA3GM<br>WM4AA                                    | <b>1440</b><br>CT1DSV<br>JA8BOV<br>NE5S  | <b>1432</b><br>N9LF<br>PS8ACL  | <b>1423</b><br>IK0ZIO<br>K4MQM<br>N1BZ<br>N3FG<br>N4NQ<br>W5AP                       |
| <b>1455</b><br>AK6A<br>ES1FB<br>JH1XXB<br>K2KIB<br>UT5IP<br>YO3GJC                 | <b>1446</b><br>DS4NPL<br>JA1BON<br>JA8ANQ<br>K0QC<br>K3SF<br>KH6U<br>N9HF<br>YO9IKW                   | <b>1439</b><br>DL1VDL<br>JE3PCP<br>KJ6Y<br>N2XQM<br>W5LUA<br>XE1EE                           | <b>1431</b><br>K5OO<br>K8MVZ<br>W4AO   | <b>1422</b><br>I4ACO<br>KB4CL<br>W9SE  |
| <b>1454</b><br>JA1NLX<br>JA1UPT<br>W3IZ  | <b>1445</b><br>EA1PP<br>KJ4UZU<br>NJ5N<br>OZ9XU   | <b>1438</b><br>DF1IR<br>IK6ZDC<br>JA3IWB<br>JK1DDG<br>K1TKL<br>TF3Y                          | <b>1430</b><br>K4SAF   | <b>1421</b><br>CT1ETE<br>CT1IW<br>DJ4KW<br>HB9DQD<br>JA3AYU<br>K0IO<br>KM7DX<br>N0TK |
| <b>1453</b><br>KD2SC<br>WA4TII   | <b>1444</b><br>DL2MIH<br>JA0BOV<br>JR4ABB<br>K1KNJ<br>K3DFL<br>KW1DX<br>N3AE<br>W4QG<br>W5FK<br>W6SIY | <b>1437</b><br>AD7L<br>G4PVM<br>VE3BZ<br>W0ZR  | <b>1429</b><br>AA4ZK<br>CT7AUK<br>EA7AN<br>JJ1LID<br>OZ2ABI<br>TA1L<br>W4HGW<br>W4WJ |  |
| <b>1452</b><br>EC7B<br>KB4CRT<br>KB7V<br>W2SKI                                     | <b>1443</b><br>N5DT<br>PV8DX<br>W8TM  | <b>1436</b><br>KK4CLY<br>KT4O<br>NY4G  | <b>1428</b><br>DL9MEN<br>EA2AA<br>N3HBX  | <b>1420</b><br>IW9DNI<br>KM2L<br>ON4CN<br>UN7BY                                      |
| <b>1451</b><br>JA2XLV<br>JR3ADB<br>K4IA<br>KU9S                                    | <b>1442</b><br>EA1AZ<br>K3VPZ<br>K4NC<br>KO4PY<br>KP4N<br>NN6L<br>SP7UWL<br>WA8RCK<br>WT1L            | <b>1435</b><br>A92IO<br>IK5ZUK<br>JH1DSF<br>JK1JAS<br>K1WO<br>NM1G<br>VE3FRR<br>W3WH<br>W4GF | <b>1427</b><br>JF2SKV<br>KF9AF<br>NY1V<br>W9UM<br>WC1M<br>WT9U                       | <b>1419</b><br>A92AA<br>JH6WHN<br>JR6DM<br>LA9PJA<br>N7KDT<br>W6SHY                  |
| <b>1450</b><br>DJ5DT<br>JA2BUR<br>K2QMF<br>K5OVC<br>KI2D<br>KT8D<br>W4TUN<br>W6FEL | <b>1441</b><br>DL2VFR   | <b>1434</b><br>CU3BL<br>JH8WXF<br>KE1R<br>N4ST<br>OZ6EI<br>TF3JB<br>WC2C                     | <b>1426</b><br>9H1EJ<br>JH1XFR<br>SM4GVR<br>WA5KBH                                   | <b>1418</b><br>K2HT<br>TG9AJR<br>W5GJ  |
| <b>1449</b><br>DM5EM<br>KP4DS<br>KQ5M  |   | <b>1433</b><br>JA6SRB<br>K1OYQ   | <b>1425</b><br>AC2G<br>DL6NW<br>HK4EI<br>JA3BKP<br>JH3PRR<br>JO3WHB<br>K0XR<br>W2EQ  | <b>1417</b><br>DL4ZAB<br>NX9T<br>PY3SB<br>W8HB                                       |
|  |   |  |  | <b>1416</b><br>AA9D<br>JM1JZN<br>WB1S  |

|   |   |  |  |   |
|---|---|--|--|---|
| <b>1415</b><br>VK2AAH<br>W2CQ   | ZL2CC   | <b>1397</b><br>HB9BMY<br>JR2PAU<br>WI4T  | <b>1389</b><br>DL6KWU<br>I5YDO<br>K5LC<br>K7JH<br>N0TR<br>PP7LL            | <b>1380</b><br>KB9LIE<br>N5XE   |
| <b>1414</b><br>IZ5EKW<br>JH5RXS<br>W4AXL  | <b>1405</b><br>AF4CD<br>F5IYJ<br>K6XJ<br>LB5GI<br>N1WON<br>WN7S                 | <b>1396</b><br>DJ8WD<br>IK1ZOF<br>KF8PD<br>NG6R<br>YO6HOY                                    | <b>1388</b><br>CT7ANG<br>K4RW  | <b>1379</b><br>I5GKS<br>JA8EKU<br>K6UXO<br>N0IW<br>N5HC                             |
| <b>1413</b><br>DL6NDW<br>IK0TUM<br>JA5XPD<br>LU3VA<br>N6XT<br>RX3BP<br>WA2VQV<br>WB5ZAM | <b>1404</b><br>AB6CF<br>HK3J<br>JH8KIY<br>KB1DMX<br>RN3QO                       | <b>1395</b><br>IU0ICA<br>JG2TSL<br>JH3HTD<br>JI8XLD<br>K2DH<br>KS4V<br>VA3IC<br>W5EC<br>W7KW | <b>1387</b><br>JF1KML  | <b>1378</b><br>JJ1BDX<br>UA1CEI   |
| <b>1412</b><br>K7PO<br>WN9O   | <b>1403</b><br>9H1AE<br>AJ4F<br>DL5KW<br>JR1TNE                                 |  | <b>1386</b><br>DL2VWR<br>IW4CIL<br>JI3KHV<br>KE4FW<br>W0SHL<br>W1GY        | <b>1377</b><br>EA4TX<br>PV8ABC<br>S59DJK<br>W4DN<br>W4PRO                           |
| <b>1411</b><br>AI9U<br>JE3FOR   | <b>1402</b><br>5Q2J<br>I2KBD<br>JA0HWF<br>UA0SE                                 | <b>1394</b><br>JH2KMK<br>PY2DY<br>W1DAR<br>WW7Q  | <b>1385</b><br>8P6SH<br>K8WVA<br>KG4JSZ<br>N4QM<br>WB4CW                   | <b>1376</b><br>EA2BFM<br>GI4OWA<br>JA2LHG<br>N0YO<br>NA2R<br>ND7K<br>ON6ZV<br>RA3CO |
| <b>1410</b><br>VU3CAU   | <b>1401</b><br>JA1DXA<br>JP3OIK<br>K0LU<br>K7PT<br>W4LEW                        | <b>1393</b><br>NB3R  | <b>1384</b><br>JK1LUY<br>K8WHA<br>KM4HQE<br>RW3SU<br>SV1IXK<br>UN7BK       | <b>1375</b><br>IZ7GXB<br>JA7SFD<br>KD2GC<br>OV5O                                    |
| <b>1409</b><br>JH1HLC<br>N1RP<br>W1PR<br>W5KFT  | <b>1400</b><br>KP4AA<br>OE1HHB<br>W7NP  | <b>1392</b><br>EA1BLA<br>EI2HY<br>KA1CRP<br>NN2D<br>VE3CX<br>WQ8T<br>YB3MM<br>ZS6IR          | <b>1383</b><br>F5EOT<br>JA2JID<br>K4DET<br>N7TP<br>NU1T<br>OE1JIS<br>OZ7AM | <b>1374</b><br>AA2DT<br>DJ9SO<br>NI7F<br>W0MS<br>W9VQ                               |
| <b>1408</b><br>EA2AGV<br>G3VQO<br>JA6XE<br>W5SJ   | <b>1399</b><br>F5AQB<br>JR4VEV<br>N2ED<br>N4UA<br>NA8W<br>ON4EB<br>WH7W<br>WZ8P | <b>1391</b><br>K7VV<br>NI5G<br>SP5GQX<br>VK2GR<br>W7AJ<br>WB8FIW<br>WX8C                     |  | <b>1373</b><br>K1TWF<br>TF5B<br>W2PS<br>W4TNX                                       |
| <b>1407</b><br>JA4FKO<br>K3ATO<br>KC5PL<br>N3WD   | <b>1398</b><br>HL1VAU<br>K0SQ<br>KC2STA<br>NW7US                                | <b>1390</b><br>DM3CW<br>JL1BDI<br>K4TR<br>N8II   | <b>1382</b><br>E73D<br>NR4M<br>ON8VM<br>W0RXL                              | <b>1372</b><br>AB6Z<br>AC4BT<br>OE6VHF<br>WB8IZM<br>XE2B                            |
| <b>1406</b><br>I0EKY<br>K1ROA<br>KB0V<br>KN7D<br>N4VN<br>N5TF<br>NO0B<br>W6DPD          |   |  | <b>1381</b><br>DK3TL<br>F4WDL<br>KK4XL                                     |   |



|   |  |  |   |   |
|---|--|--|---|---|
| <b>1371</b><br>E70A<br>EI5KO<br>HB9ESS<br>JH8LEY<br>K3JWI<br>K4JPD<br>K6JW<br>N2DXJ<br>SM2LKW<br>VE3TKI<br>WB8EJN | <b>1363</b><br>9A3NM<br>DJ8SN<br>JA9CGW<br>NX1P<br>TA1AL<br>VK2HV            | HL3EHK<br>K8EJ<br>KI7HO<br>WA6URY<br>WB2KSP  | <b>1347</b><br>GW0ANA<br>IK2GOQ<br>JR0RBY<br>JR7COH<br>K3BZ<br>K6ME<br>K7CO<br>K8VD                     | JA7QQQ<br>JS2GFA<br>K2CYS<br>K7CTV<br>R9HBF<br>W4UT<br>WD8LTM                         |
| <b>1370</b><br>KP3V   | <b>1362</b><br>DL2TOS<br>JA1TOU<br>K3SUI<br>PT7CB<br>R3BB<br>UR9IDX<br>W4RQ  | <b>1354</b><br>AA8KY<br>F5MZE<br>IT9JPS<br>IZ2EIH<br>W4DCY<br>W4WX<br>W8SET<br>WA5TXY        | <b>1346</b><br>JA6JPS<br>K5DCW<br>VU2ABS<br>WA6KHK  | <b>1340</b><br>F4BDG<br>GM4YMM<br>HB9JNM<br>IK5LSQ<br>JJ2PIK<br>KB0EL<br>N6VH<br>W4TE |
| <b>1369</b><br>I0NUM<br>IW5EIJ<br>W4PGM   | <b>1361</b><br>KM4A<br>OH6OK<br>TA6N   | <b>1353</b><br>3A2MW<br>HB9EXQ<br>HB9IJC<br>KG8CW<br>W3DVY                                   | <b>1345</b><br>EA3HDZ<br>F4DSE<br>JG1IEF<br>R7FF<br>SP5DL<br>W7XZ<br>ZL2AO                              | <b>1339</b><br>HB9PUE<br>IK1NLZ<br>K1OR<br>KM5VI<br>KP4DKE<br>VK8DR                   |
| <b>1368</b><br>N4LV<br>PA5A<br>SM0EUI<br>W1GQ   | <b>1360</b><br>4Z5IW<br>HB9HIT<br>JA6FEG<br>JI1QIO<br>N7UJJ<br>RU3UR         | <b>1352</b><br>BA7NQ<br>JI0VIF<br>K2CDJ<br>KA3CRC<br>NC4AA<br>S57AL<br>WS4H                  | <b>1344</b><br>IZ3GOO<br>JA3BG<br>K9HQM<br>LU2JCW<br>N5KA<br>N5VR<br>PY2ADR<br>WA8VSJ                   | <b>1338</b><br>HA7GN<br>IT9IPQ<br>K5MO<br>SM2HWG<br>WE8L<br>WX0E                      |
| <b>1367</b><br>G3VAO<br>JQ1PCX<br>K0FF<br>KB9AIT<br>SV2DSJ<br>W6ZPL   | <b>1359</b><br>NN5E<br>OD5YA<br>WA1NXC                                       | <b>1351</b><br>K1XE  |   |   |
| <b>1366</b><br>HB9BEM<br>JA2KQE<br>K8GWU<br>PY2HH   | <b>1358</b><br>EA8TK<br>K7STO  | <b>1350</b><br>AG6HE<br>EU7X<br>EW4A<br>IK2HDF<br>JA0NFP<br>JI1CYX<br>K0QB<br>K5EWS<br>W4ATL | <b>1343</b><br>AA4EA<br>AC6DD<br>G4VMX<br>JK3GWT<br>K4GHS<br>W6HYI                                      | <b>1337</b><br>G4NBS<br>IK0CNA<br>IW1PUR<br>K6DJ<br>KD4OS<br>KG4USN                   |
| <b>1365</b><br>G3KAF<br>HA5OLA<br>HB9ODP<br>N2FY  | <b>1357</b><br>7L2QAD<br>CE3BT<br>IK6RFQ<br>JA1VRY<br>K5CQT<br>KC4GL<br>W9ZT | <b>1349</b><br>EI5JL<br>K2QL<br>N3AF<br>W4QNW  | <b>1342</b><br>AA8M<br>DK8FS<br>HK6P<br>IK0PRG<br>JA0JPD<br>JF1JTQ<br>VA3VET<br>W6VNR<br>WB2GOK<br>WD9Q | <b>1336</b><br>AB5YI<br>VU3WEW<br>W8VK  |
| <b>1364</b><br>DL1QQ<br>G4ZWY<br>JA1UOA<br>JA2CGH<br>K1LTJ<br>N3KR<br>W7PAQ<br>W9GE<br>WA8LOW                     | <b>1356</b><br>IK3GBG<br>JA7OBO<br>K5HTE<br>K9SUH<br>OE1TKW                  | <b>1348</b><br>AA7UN<br>AE4M<br>AK3E<br>JA1ITJ   |   | <b>1335</b><br>DM1HR<br>NC4MM<br>SV1CIB<br>WY4I                                       |
|   | <b>1355</b><br>HA5KFB  |  | <b>1341</b><br>CU2AF  | <b>1334</b><br>JH1OVY<br>K7RR<br>KA1API   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| SM7DXQ      | JA1PUK      | K3JM        | NF7D        | N2MEE       |
| W5TFW       | K8MRT       | KB8DRK      | TF8GX       | W2FB        |
| W5WS        | UA0APV      | PY8WW       | WA7HR       | W5UQ        |
| <b>1333</b> | W0IJN       | W1RG        | <b>1312</b> | <b>1305</b> |
| IZ0GVZ      | WR5Y        | W6BBS       | AD0TR       | AA6PI       |
| K5GM        | <b>1326</b> | <b>1319</b> | N4GBK       | AK9B        |
| KY4G        | JE7JZT      | 4X6KJ       | NS7K        | K0TV        |
| ND6S        | N0RR        | 9A6T        | W4PV        | K5TU        |
| S57A        | W3TC        | DL3ZH       | <b>1311</b> | SP3FYX      |
| YO3HOT      | <b>1325</b> | EA1EA       | I4UUL       | W0GN        |
| <b>1332</b> | AF6PK       | IZ7EVZ      | KI9A        | WD0EVR      |
| DJ6BN       | SM1NJC      | RN5AA       | VA7XX       | <b>1304</b> |
| JG3WJN      | SM5AKS      | VE7VV       | W2GR        | 4Z5GV       |
| JH1HRJ      | W3NRJ       | ZS2I        | W4HM        | DL5JS       |
| K4KAL       | <b>1324</b> | <b>1318</b> | <b>1310</b> | HI8CJ       |
| KA3GWD      | JI1JPJ      | K0HQW       | IK0PRP      | IZ8DEO      |
| NA5S        | K4MIL       | <b>1317</b> | JR6GHN      | JA3DAY      |
| W8PAT       | K6VV        | EA1KE       | VA6JV       | KI3O        |
| <b>1331</b> | KI7M        | JH1CTV      | WB7BBQ      | WG0G        |
| AC0B        | SM7BHM      | K7WK        | <b>1309</b> | YB0MZI      |
| G4DDL       | SP6OUQ      | KR4U        | JA3PRM      | <b>1303</b> |
| HB9TKB      | WW1L        | N1SZ        | JH2PWM      | DL1SDH      |
| JA3KWZ      | <b>1323</b> | SM0W        | K1WY        | JH2NWP      |
| JL1BTJ      | KM4VI       | VE6SV       | K8ARY       | K0ABC       |
| K0YL        | <b>1322</b> | <b>1316</b> | NJ0F        | K6GFJ       |
| RA3SD       | DL6KVA      | F4FLF       | OH1ECQ      | W9RB        |
| RW4WD       | G6NHU       | GM0VIT      | UB3A        | WX3P        |
| WZ4RC       | IT9CMU      | JA2LWD      | W1JMM       | <b>1302</b> |
| YB0AZ       | IZ4VSD      | JF7NNI      | YV5JGO      | JE1CSW      |
| <b>1330</b> | JA1BWA      | K2JK        | <b>1308</b> | JH8XVT      |
| DL3ANK      | JA9FO       | WA2QAU      | DL1SVA      | K2MHE       |
| EA4S        | JG1BOK      | <b>1315</b> | HC8N        | LA5LT       |
| JR2ATZ      | JI1QZQ      | K2OGD       | JI1DMH      | N9AVY       |
| K3LA        | K2OO        | K4JUJ       | N4HGZ       | W5HMK       |
| OH3TY       | W4DVG       | N2BT        | N9RV        | <b>1301</b> |
| WA9JQJ      | W5JE        | VE3TM       | WD4IXD      | AA4MM       |
| <b>1329</b> | <b>1321</b> | WB7VNY      | <b>1307</b> | JA7DPC      |
| K1APJ       | DJ5EY       | <b>1314</b> | EA3NG       | JN4FNZ      |
| KE4WI       | HB9FAI      | EI3CTB      | JH3LCU      | M0OIA       |
| N4KM        | HK3CQ       | G4IDL       | K1TZQ       | NA6JD       |
| OE7FMJ      | K4LQ        | K8ZR        | N1BY        | OK2RZ       |
| W6HGF       | K4NST       | VK5CE       | N9BVA       | <b>1300</b> |
| <b>1328</b> | K7EKD       | W2FCR       | VA2LC       | EI7GY       |
| F5NTV       | KC2THY      | W5WZ        | <b>1306</b> | JE6UWU      |
| KE4KMG      | R3QX        | W8AF        | AI2S        | KJ7NO       |
| N4SV        | <b>1320</b> | <b>1313</b> | BH4SYG      | WU4B        |
| SP3CMA      | DH4JQ       | AG5CN       | CT1FJK      | <b>1299</b> |
| <b>1327</b> | JA1FVS      | JA1DCO      | DJ4PT       | CT1AUO      |
| BX5AA       | JA2DLM      | K4ZA        | HB9FAX      | DL6RA       |
| DG1NPM      | JG1JPE      | KP3R        | IK8MRD      | N1KX        |

|  |  |   |   |   |
|--|--|---|---|---|
| <b>1298</b><br>CT3BD<br>N2SG<br>N9OF<br>UA3GT<br>YB1AYO                      | W9MAK  | <b>1282</b><br>A71EM<br>JL1IHE<br>JR2BYJ<br>K9MX<br>VE4YH<br>WB2UFF<br>WW4LL          | <b>1274</b><br>IK8OZV<br>JL4CVG<br>K1BZM<br>KB7AK<br>W2UB   | JH0CLK<br>K3TRM<br>K4ZMV<br>KC1ERO<br>OK1ADM<br>W2XX<br>YU1FJK                  |
| <b>1297</b><br>AB6L<br>JA7JND<br>JA9BEK<br>N8TFD<br>TA2RC<br>UN7TX<br>ZL1ANH | <b>1290</b><br>BG8PA<br>DJ2UU<br>EI3ISB<br>K9JP<br>N9MW<br>UA1CGS<br>VR2VAZ  | <b>1281</b><br>DJ9CW<br>KB2ZPB<br>KB5IY<br>KC9G                                       | <b>1273</b><br>JS6QOM   | <b>1266</b><br>GM1BSG<br>K1TU<br>K4ZNC<br>KB2S<br>NG4C<br>RU3U<br>US5CB         |
| <b>1296</b><br>CE3EEA<br>JA7FVA<br>N0ACH<br>NE8P<br>OE7SEL<br>W3KHQ<br>WX4F  | <b>1289</b><br>KN9N<br>OZ7QB   | <b>1280</b><br>JA3MNP<br>LB2EG<br>W7GA  | <b>1272</b><br>EA5GXI<br>HB9DRS<br>JE4WOK<br>K4FDP<br>KB3LIX<br>NA5NN<br>SM5BFJ                       | <b>1265</b><br>9A2GA<br>JH8NQV  |
| <b>1295</b><br>G3GAF<br>G4SGX<br>PA3FWV<br>W2NY<br>WB9DLC<br>WR7T            | <b>1288</b><br>HB9FAZ<br>I5SDG<br>K6RC                                       | <b>1279</b><br>DJ4JZ<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>1264</b><br>DL7AA<br>HB9Q<br>JP1EWY<br>K0UU<br>K8CR<br>W2EJG<br>WG9L<br>WO4D |
| <b>1294</b><br>DK3FB<br>KN6H<br>PF7M<br>W1PY                                 | <b>1287</b><br>CT3BX<br>DS4DRE<br>EA6AZ<br>JH3GRO<br>KC4AA<br>WX5L           | <b>1278</b><br>G0THF<br>JA7KQC<br>K6LD<br>PA7MM<br>W9OSI                              | <b>1270</b><br>AA5SH<br>AB2DP<br>DL2AMD<br>I0YR<br>JA6JYM<br>R3QJ<br>RU3OW<br>WM9Q<br>YB1BML<br>ZP6CW | <b>1263</b><br>HB9FAN<br>R6MO<br>YO2BS  |
| <b>1293</b><br>IK2WPO<br>JA1XQC<br>JE7BUH<br>SM2YIP<br>W4DWS<br>YO2LLL       | <b>1286</b><br>DJ2RB<br>K2DF<br>K9JDP<br>N5TU<br>OH3PYY<br>VU2MSA<br>W3/NH7C | <b>1277</b><br>K7EV<br>K7MY<br>K9BO<br>KO4PRE<br>N3ER<br>W6DVS                        | <b>1269</b><br>AF8C<br>I1SOP<br>JA9IWR<br>RN0C<br>TF3VS<br>W0ZT<br>WA9PWP                             | <b>1262</b><br>7J1ABD<br>IC8SQS<br>K1FE<br>K7RAN<br>M3DFW<br>NR8Z<br>W0UVC      |
| <b>1292</b><br>N9NM  | <b>1285</b><br>7Z1SJ<br>K8LBT<br>KG6B<br>N4ANV<br>W4CMM                      | <b>1276</b><br>F5TMJ<br>I2LXA<br>NY6C<br>NZ0O<br>WB8RFB                               | <b>1268</b><br>EA5XV<br>F1JKJ<br>I8PND<br>LB2TG<br>PY2XAT<br>ZP9MCE                                   | <b>1261</b><br>AD0K<br>IK5BSC<br>K3TLP<br>VK3OT<br>WB8YTZ                       |
| <b>1291</b><br>AE6Y<br>JH1EVD<br>K3GO<br>K9ZG<br>NT9F<br>W8FAX               | <b>1284</b><br>JA1TGO<br>K1PTF<br>K5FXB<br>N6DVR<br>NN1SS<br>Z34K            | <b>1275</b><br>JA3UOQ<br>OH1LR<br>UA4PT<br>ZS5LEE                                     | <b>1267</b><br>G3PLP<br>JA4HDO  | <b>1260</b><br>IK2GAJ<br>JE1CPB<br>JK1PEC<br>K4IU                               |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| K8OS        | <b>1252</b> | K2SZ        | W6PG        | <b>1231</b> |
| K9GY        | AB9KZ       | K6EI        | WC4V        | G3YSX       |
| K9UWY       | K0KO        | KH6XT       |             | IK8PGE      |
| W2NWU       | K2RNY       | KQ5U        | <b>1237</b> | IW2BZY      |
| WC6Y        | K5DNL       | N7RP        | EU4T        | JA1PLT      |
| <b>1259</b> | KB4KBS      | N7WI        | IZ2USP      | K1EDG       |
| DF3FJ       | KM4VJW      | VA3NXM      | K5NV        | K4EQ        |
| G3HSR       | LU5FCI      | W0CK        | KC4PX       | KJ5Y        |
| JA6ATL      | MU0GSY      | W4ARK       | KR0O        | LB8OH       |
| LA4JGA      | SM4BNZ      |             | N8RF        | W2FKF       |
| LA6ZFA      | <b>1251</b> | <b>1244</b> | PY2AB       | <b>1230</b> |
| OK1MBW      | EA1WX       | A65BD       | VA3OKG      | DJ4DN       |
| UZ1WW       | HL4RBR      | AA5B        |             | JA1QOQ      |
| XE1GLL      | S51AD       | AA7X        | <b>1236</b> | JA4OPW      |
| <b>1258</b> | UA2CZ       | IZ2MHT      | EI5GM       | K0ZR        |
| EA1K        | VE3VV       | NI4Y        | JA6MWW      | KX9X        |
| F4CPF       | W8LIG       | NN7X        | N8KU        | N9QQK       |
| JA2CPD      | XE2AU       | <b>1243</b> | OM0AST      | SP7MOC      |
| JF7RJM      |             | F4GTB       | R2AB        | W2IZN       |
| <b>1257</b> | <b>1250</b> | IK2LOL      | <b>1235</b> | WA2C        |
| 4Z5FL       | AA6XV       | WA7RLL      | EW7A        | <b>1229</b> |
| IK8TEM      | JH0AKV      |             | J12EMF      | EA1AHA      |
| IT9VDQ      | KB8U        | <b>1242</b> | K9AAN       | JA1IFD      |
| JA7DOT      | R4FAN       | G6GA        | W6IZT       | K3PH        |
| K1GND       | SM3CZS      | JA1AKL      | <b>1234</b> | K4MQ        |
| S51DV       | <b>1249</b> | JA8DBU      | IK0OZD      | LA7QI       |
| <b>1256</b> | CT1HHP      | JK2VOC      | JA4MEM      | N0FCD       |
| K1WNT       | JA4CSJ      | W4AVY       | JH0LME      | N7TK        |
| VE3PJ       | KK6T        | WA8Y        | K4LRX       | W3JXP       |
| W8SP        | RZ1OK       | <b>1241</b> | K5VG        | WA3IIA      |
| <b>1255</b> | <b>1248</b> | JF3DRI      | K6RR        | <b>1228</b> |
| JG1AID      | NZ0T        | JH4CPC      | KD0S        | JA3BLN      |
| JH1SWD      | SV3RKM      | JL3JTD      | VA7DXX      | K0PX        |
| JH4VDP      | W8MRL       | K1JX        | W1MRH       | OH1XFE      |
| NE5W        | <b>1247</b> | VE7VZ       | W9GM        | UR7CQ       |
| W3HER       | AA0FT       | W1NT        | YO3IPR      | W2KNG       |
| WD4IKI      | HB9ECS      | <b>1240</b> | <b>1233</b> | W7YED       |
| <b>1254</b> | N6ORB       | JA1SZN      | DL4HRM      | <b>1227</b> |
| EW1LM       | NA5YO       | KO6LU       | JR3MTO      | JA9EEH      |
| W2FS        | UA6XT       | KX6C        | KA9UVY      | KF5WCP      |
| WC2L        | W1DXH       | <b>1239</b> | KC9WPS      | WA0BZA      |
| WQ5T        | <b>1246</b> | CE3CT       | SA3CAT      | <b>1226</b> |
| <b>1253</b> | AB6BT       | DL5MM       | W4EJG       | DL3BUE      |
| DL8DWL      | DJ9BX       | N9EAJ       | <b>1232</b> | HA5FA       |
| EA1NK       | I2XIP       | W4MPY       | JE4RAL      | HB9DLE      |
| JH8CFZ      | N0VD        | <b>1238</b> | JJ1DJW      | HP2NG       |
| OH1LAR      | W1ECS       | 4X1VF       | JS2KWL      | K1PT        |
| PY5VC       | <b>1245</b> | DL7BO       | K3CWF       | PJ4LS       |
| WA0PFZ      | 9J2BS       | JA0AVS      | N8NH        | <b>1225</b> |
|             | JJ1JMZ      | KD5R        | SM6CGI      | DL6WT       |
|             | K0GEO       | LZ1XL       | TA1PB       | WB2CLL      |
|             |             | VR2PX       | WB6AXD      |             |

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| <b>1224</b><br>AB4FH<br>JH4ADF<br>NX4D<br>OK1UU                              | <b>1215</b><br>CT3DZ<br>JA1JMF<br>JA7JM<br>NK7Z<br>NY7T<br>W1MO  | OK2FB  | IS0/YO3RA<br>JR6PGB<br>K9AQ<br>PW7T<br>W4GH<br>W6CN<br>W7RN<br>WA4YYM                                      | LA8PDA<br>N4WMB<br>UN8GA<br>W2OSR   |
| <b>1223</b><br>AE9DX<br>EI7JZ<br>JA1CPU<br>K9IA<br>W4DSM                     | <b>1214</b><br>EA4EJP<br>JA0BES<br>JA0FLL<br>JA6SQR<br>K6VVA<br>N5RZ<br>WB9IWN                         | <b>1208</b><br>KN4OK<br>LA6FI<br>N3ZP  | <b>1207</b><br>DJ3CQ<br>JJ1REU<br>JL1JVT<br>JL1MWI<br>K5SES<br>NM9P<br>NS4F<br>WB8EKG                      | <b>1194</b><br>DF5DH<br>K2RKJ<br>N6VI<br>R2ARR<br>R5AA<br>W5IO<br>W9KB    |
| <b>1222</b><br>K4NTO<br>W5RY<br>YO8PS  | <b>1213</b><br>AA5H<br>G0OSK<br>JH4GNE<br>JH8JWF<br>JI1BJB<br>KD1AB<br>N9FH<br>S57TA<br>W4NK<br>WA9IVH | <b>1206</b><br>ES2IPA<br>K7SO<br>KL2R<br>N0ATQ<br>W4UR<br>W5SV<br>WA8LRW       | <b>1200</b><br>AB5GU<br>DD0VU<br>JH6RTO<br>ND0C/QRP<br>OH5XB<br>W7AAD<br>YB4CHP                            | <b>1193</b><br>EA5FCW<br>IK5IFH<br>W3DIY<br>WB3AVD                        |
| <b>1221</b><br>JA1QVR<br>JA3AOP<br>KF8HR<br>PR7AB                            | <b>1212</b><br>AA2IL<br>DJ0AH<br>F5VML<br>JO1QNO<br>UU2JQ<br>W0MAN<br>W1UU                             | <b>1205</b><br>WW0E  | <b>1199</b><br>JA0TEA<br>KF3N<br>N2ZL<br>N3RR<br>N7TW<br>WE2K  | <b>1192</b><br>AJ4HW<br>DJ0IF<br>IW1CAB<br>JF1CPH<br>LU5OM<br>NC6K        |
| <b>1220</b><br>HA3OU<br>JG1IIF<br>KJ9B<br>OH2TA<br>ON4CCN<br>WA1HEW<br>ZL3NB | <b>1211</b><br>I4FTU<br>IZ3KNK<br>K3XC<br>OH3KAV<br>W7JET<br>WX0Y                                      | <b>1204</b><br>G3CWW<br>JA0GZZ<br>JR4PMX<br>SP6MAA<br>WA9DU<br>ZS6RJ           | <b>1198</b><br>DK3HV<br>JI1FXS<br>KA5VFU<br>PU2POP<br>SP9IZV   | <b>1191</b><br>5P5Q<br>DL8OK<br>JH1CJQ<br>K2GLS<br>LU9DO<br>OZ9GA<br>W0SA |
| <b>1219</b><br>CU3HN<br>KQ9J<br>W8YV<br>WA4TMJ                               | <b>1210</b><br>G0FWX<br>JL4BSE<br>LA1CO<br>N6XG  | <b>1203</b><br>JF7DZA<br>JH8DBJ<br>KA7CVJ<br>KS4XQ<br>NC7B<br>ON4AGX<br>SP1NEN | <b>1197</b><br>DS4DBF<br>HB9ACC<br>K4GM<br>K4OP<br>N4TZ<br>NW6V<br>RU0A                                    | <b>1190</b><br>DD1JN<br>HL2FDW<br>IV3BBR<br>W1BYH<br>YT7T                 |
| <b>1218</b><br>AD6DK<br>JH6IMI<br>K4VZ                                       | <b>1209</b><br>DF7GG<br>EA5BD<br>EW4C<br>N6MA  | <b>1202</b><br>IW4EII<br>JE7LHT<br>K1QN<br>K2RSK<br>N8WD<br>WB9B<br>WP4CQ      | <b>1196</b><br>DL1ECG<br>EW3CW<br>GM5YTT<br>JA6WIF<br>JE2RBK<br>JK1BIB<br>SQ8J<br>W3ATV<br>W4CIR<br>WA8IQF | <b>1189</b><br>AA9AA<br>AF3K<br>G4YCS<br>HB9HHH<br>JR1LZK<br>K8TS         |
| <b>1217</b><br>EA5IAG<br>VK7ZE<br>W0VD<br>YB0EIN                             |  | <b>1201</b><br>HL5YI   | <b>1195</b><br>JA7FSB<br>KE2M  | <b>1188</b><br>JG6CDH<br>KO1H<br>N3HYB<br>ON6MX                           |

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| RW5CW<br>SP3UY   | K4RMM<br>K9BQL<br>N9IXD<br>SM0BSO<br>W4NF<br>W5XU   | JH8LLE<br>LA1J<br>LB7Q<br>N8QGC<br>NT5A<br>W6NK                                  | NE1RD<br>NT5O<br>WB4M  | DM1DK<br>F5DBT<br>F6FFR<br>K0FD<br>NZ3M<br>VE2NGH  |
| <b>1187</b><br>G3EKJ<br>JF1QQK<br>SP2DW  | <b>1180</b><br>G8APB<br>IK6DEN<br>K0AFN<br>K2SG<br>KD9ZR<br>N5EKO<br>N5WNG<br>WO3Z                        | <b>1174</b><br>EA7/LA9DL<br>IK6CAC<br>JA2AYH<br>K6AWR<br>VE3GYL<br>W4SKW<br>WE9A | <b>1167</b><br>9A4BL<br>I1FBJ<br>IK2GAO<br>K1RM<br>K4CSB<br>N9AZZ<br>NA4CW                             | <b>1159</b><br>JF3VEC<br>K2HJB<br>M0MCV<br>N6TV<br>NT6AA<br>RA3LAL<br>S51DD  |
| <b>1186</b><br>CT1EPJ<br>W4BH  | <b>1179</b><br>EA2RY<br>IU4CHE<br>IW0AGX<br>JA2HIJ<br>JR6LDE<br>K4RM<br>UA3NFI<br>UA6FZ<br>W4GHW<br>WX2CX | <b>1173</b><br>DJ3GW<br>DJ3XD<br>JA6CM<br>JF1KIG<br>JM1CMA<br>VU2DED             | <b>1166</b><br>DJ6TK<br>F8EZE<br>G6AD<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>1185</b><br>AB1QB<br>JA1EYN<br>K0XM<br>K8ESQ<br>N5YY<br>N6KJ  | <b>1178</b><br>4F3BZ<br>AA9WO<br>AC6T<br>IK6IJF<br>K1IB<br>KT5V<br>NC7M                                   | <b>1172</b><br>EI8KN<br>JA4BUA<br>W1FZ   | <b>1165</b><br>JT1CS<br>OH2BC<br>PA5CW   |  |
| <b>1184</b><br>DL6ZBN<br>HA8FW<br>JA7MNF<br>JH8BOE<br>K4JGR<br>K7YZO<br>LU2DX  | <b>1177</b><br>JH1EIG<br>W1HS<br>WO5D   | <b>1171</b><br>6K5AQY<br>DG5DBT<br>JA1DIO<br>KA3S<br>W4ASE<br>WU7X<br>ZL2LW      | <b>1164</b><br>JR1FHP<br>OZ9U  |  |
| <b>1183</b><br>IS0EBO<br>K4RP<br>K7MO<br>K8RCT<br>KL7NW<br>N0LD<br>N2RD<br>N8WXQ<br>VE3VGI<br>W7LEA<br>W9FXA<br>WA9MAG<br>WF4W<br>YO9FLD | <b>1176</b><br>CT1DIZ<br>IK2WSO<br>IZ3XEF<br>JA4DEY<br>JA9LSZ<br>KB8KIM<br>OZ1DSD<br>VE7ON<br>W9LQI       | <b>1170</b><br>IW2CAM<br>K3SW<br>KB9S<br>LZ1CY<br>N0SL<br>N2YF<br>PA2R<br>WN0L   | <b>1163</b><br>EA3HSO<br>HL5FEI<br>JA3EUB<br>JE3OUW<br>N3PV<br>N7FF<br>NI8Z<br>VE3NJC<br>W9FF<br>YO4NA | <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>1182</b><br>HB9EBM<br>KD3UY<br>KI5T<br>N5KUC<br>W4HY<br>WA3WNT<br>WM5H  | <b>1169</b><br>7N4OBV<br>ES4AW<br>JS6SCC<br>K2FJ<br>VE3XB   | <b>1162</b><br>DL9GOA<br>IZ8EYN<br>JA2PTQ<br>N5FEE<br>YO9GJY                     | <b>1161</b><br>AA4OC<br>N7GVV<br>N8DC<br>UN2G<br>W7BJN   | <b>1156</b><br>K1VSJ<br>K3WJV<br>KM8V<br>PH7A<br>SP6DVP  |
| <b>1181</b><br>4X1UF<br>JF2QNM   | <b>1175</b><br>CU7AJ<br>DL7XU   | <b>1160</b><br>AG5Z<br>DD0VE   |  | <b>1155</b><br>K6ASK<br>K7JY<br>KV8P<br>N2CJ<br>SP7ASZ   |

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| W4RS<br>WA1NLG  | IZ1JIZ<br>JG1WNO<br>K0UBR<br>K4ZXV<br>K5WQG<br>N0AB<br>UX7VA                           | KZ1X<br>OM3CND   | N2WN<br>RN7G<br>VA2MM<br>WA3YZD  | <b>1128</b><br>AK4AO<br>DS5JMG<br>JG8NKJ<br>K7KJ<br>KB8DID<br>N8IK<br>W4MC                    |
| <b>1154</b><br>I0KRP<br>JN3ONX<br>K5CKS<br>K9UO<br>NC1M<br>UA9OR<br>WB9WHQ              | <b>1146</b><br>DF3VG<br>LA3DV<br>NG3J<br>ON7LX<br>R0SR<br>W3KN<br>WA7AVL               | <b>1140</b><br>DJ9FK<br>DL1DH<br>JH8FIH<br>K1BG<br>KB7QFE<br>N9RE<br>NW8U<br>WQ5C                    | <b>1134</b><br>GM7NZI<br>IK0UUM<br>JF2ERJ<br>K4ODL<br>N3GS<br>VE3KKB<br>W7VV<br>W9HZ                                   | <b>1127</b><br>DL7LX<br>G3YFE<br>N1HO<br>VE9VIC   |
| <b>1153</b><br>EA1WH<br>IT9YOZ<br>IZ0LNP<br>KD8FO<br>N1FOJ<br>VA3YP                     | <b>1145</b><br>DH5MM<br>JA5BZL<br>K4HEB<br>K9QA<br>KA5M<br>KN8F<br>YE9BJM<br>YU1JF     | <b>1139</b><br>AI4QQ<br>JE2VYM<br>JP7SOZ<br>K9YZ<br>KD4EE<br>SP9PRO<br>SV7CUD<br>W5MJ                | <b>1133</b><br>AD4RE<br>SV3EXP<br>WA4AFE   | <b>1126</b><br>IZ0FYW<br>W4KVS<br>W5HY  |
| <b>1152</b><br>GM0NAI<br>IK0FUR<br>IK5ZAJ<br>KP4JRS<br>KP4P<br>N6FS<br>VK4BUI<br>WA8NLX | <b>1144</b><br>EA5DKU<br>F6IMB<br>JA3RAZ<br>JE2FJI<br>JR1KAG<br>NA7RH<br>W4HVV<br>W8GU | <b>1138</b><br>EA1IO<br>I8DPP<br>K8POM<br>LA4RT<br>N3YZ<br>W4ATM<br>ZS6NK                            | <b>1132</b><br>JH1GNU<br>KK4MA<br>UA9JLL<br>VU2NXM   | <b>1125</b><br>7N2JZT<br>F8GB<br>JH1BHW<br>JH8MZF<br>JP1GVC<br>N2IC<br>SK5PZ<br>W6LZ<br>W8QXR |
| <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             | <b>1137</b><br>F6BLP<br>JH7RTQ<br>K7VL<br>KZ2R<br>N6DW<br>NN5G<br>RA0LQ                              | <b>1131</b><br>EA6BB<br>SV1IZY<br>YO5OEF   | <b>1124</b><br>EA8TZ<br>K0MP<br>N1AAM<br>VE7NY<br>W1ATV<br>W6AYC<br>W8WRP<br>WB4PWZ           |
| <b>1150</b><br>JH8CXW<br>K7QA<br>KK8X<br>N4UP<br>RM4C<br>W7MD                           | <b>1142</b><br>JH1HGI<br>K0JJR<br>KS4WA<br>OH2DW<br>W1ES<br>WA5YOM                     | <b>1136</b><br>AD4EB<br>CP6XE<br>EA1T<br>JO1ABS<br>K8CC<br>LZ1MDU<br>N1RM<br>RN3A<br>SP5ZCC<br>VR2IL | <b>1130</b><br>F6FNA<br>IK2CMN<br>JH2MYN<br>K3RWN<br>KG2GL<br>KJ6MBW<br>W3XX<br>W4CC<br>W8TOM                          | <b>1123</b><br>AC7ZG<br>G4VWI<br>I1LGR<br>JE2SOY<br>K4VAC<br>KK5J<br>PY2FZ<br>W9AP            |
| <b>1149</b><br>IT9DDS<br>N8AID<br>SP5NON<br>VE4GV<br>WB2AA                              | <b>1141</b><br>JA1SHC<br>JA7MWC  | <b>1135</b><br>EA7LL<br>HB9FUX<br>HC1HN  | <b>1129</b><br>AK6I<br>BD4SX<br>DF2UH<br>DH8GV<br>HL4GHT<br>JA2THS<br>KB4EE<br>N3OUC<br>N5BA<br>UA3LIU<br>W7AM<br>WM1G | <b>1122</b><br>DD0ZN<br>E20YLM<br>JG7AMD<br>JR2HRR<br>KI0HA                                   |
| <b>1148</b><br>JI1EIX<br>OM2AGN<br>WB4KTC   |  |  |  |   |
| <b>1147</b><br>DL4DW  |  |  |  |   |

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| SV1AOZ<br>TF2LL<br>UA4ARL<br>YB9AY  | J11DCW<br>KG6WIK<br>KI6MQX<br>KJ2U<br>LA7MFA<br>PY5JO<br>W0ZX<br>WJ1B<br>WO6T              | <b>1108</b><br>AB7RW<br>AC8L<br>AD4XV<br>AJ4IM<br>DL3NM<br>W3UTD   | RN3TT<br>SM6TKG   | IZ2CSX<br>K2UT<br>K4OTV<br>K5YAA<br>KA8YYZ<br>PA1MVL<br>SP8MVC<br>SV4FFL<br>VE3FAC |
| <b>1121</b><br>IK0XKP<br>OG1R<br>YO9FFX   |  | <b>1107</b><br>DK2GP<br>EA1AA<br>JF3AHI<br>K6IRA<br>KE3ZT<br>N4KEB<br>VE7ACN                                       | <b>1102</b><br>DS4CNB<br>F8DZY<br>K3NW<br>KO6UW<br>PA5O<br>VK4OQ  |  |
| <b>1120</b><br>JH1LZU<br>W0UY<br>W1RZF  | <b>1114</b><br>4F1OZ<br>JA0HXV<br>JA4DLF<br>JG3KMT<br>KA4H<br>KE1IU<br>KK4BZ               | <b>1106</b><br>G3PMR<br>K0KM<br>K2UF<br>K7IA<br>K8CJY<br>KO1I<br>LA9KY<br>PA2TMS<br>RT0Q<br>W0QD<br>W2ZQ           | <b>1101</b><br>AB5RM<br>AC0DQ<br>IT9RDG<br>IZ3DBA<br>IZ6ELF<br>JH1URT<br>LU7HN<br>N2SU<br>VE3EDY<br>W1XK  | <b>1097</b><br>AD6KQ<br>AG8L<br>JE3CYW<br>JH7XPW<br>K0YY<br>K5TDA<br>N9EN<br>R3LO  |
| <b>1119</b><br>AB4H<br>HC1HC<br>OH8JK<br>SP6BXZ<br>WN1M   | <b>1113</b><br>DK4MX<br>DU1KT<br>LU1HLH<br>N8JS<br>NT9E<br>UA4CX<br>W4PJW<br>W5TUF<br>WF7B |  |   | <b>1096</b><br>AD9DX<br>K4CA<br>N5UM<br>OH2ID<br>RG7G<br>WW5L<br>XE1RCS            |
| <b>1118</b><br>DL1MAJ<br>JA1CC<br>JM3XZC<br>JR0GXA<br>N4VAN<br>NZ7Q   |  | <b>1105</b><br>DJ3AK<br>IK7MXB<br>IV3NVB<br>IW7DHC<br>JN1RFY<br>LB8CA<br>UN7ED<br>VR2ZXP<br>W9VA<br>WB5TOI<br>WO7V | <b>1100</b><br>EI9E<br>I0ZUT<br>IK8IPL<br>IV3IYH<br>IZ5GST<br>JA3KKE<br>K4IJQ<br>K7PTC<br>KG8V<br>KH6DX<br>N2TC<br>VO1NA<br>W3MRL<br>WA5YNB<br>XE3E<br>YO8DHA | <b>1095</b><br>A35RK<br>K3UW<br>TA2AD<br>W9KX                                      |
| <b>1117</b><br>AA2WC<br>AB9YC<br>I2DJX<br>K3HPA<br>RX3X<br>SP5AMN   | <b>1112</b><br>DL6DH<br>JL7BRH<br>JM7TKK<br>KN4FO<br>N6RVI<br>W5SG                         |  |   | <b>1094</b><br>8P6ET<br>IZ0HTW<br>LU1FM<br>N5RP<br>W0CO<br>W0YBS<br>YO8OY          |
| <b>1116</b><br>DJ7AO<br>F5JGA<br>IT9ABN<br>IZ4COT<br>JA4OIJ<br>JA8ALB<br>JG2KKG<br>K0RAR<br>K9KU<br>RJ6J<br>US3IZ | <b>1111</b><br>K0MLD<br>K2IE<br>K6UIP<br>W4CZ  | <b>1104</b><br>K7MH<br>N7EO<br>OZ6TL<br>W0HBK<br>W9BB  | <b>1099</b><br>F5VHJ<br>IZ7GIT<br>JH0IEW<br>JH1FRW<br>K2GW<br>KK4ODQ<br>KV7N<br>N0RQ<br>PF1MO   | <b>1093</b><br>DK1MM<br>EA3CWK<br>EI6AL<br>I0BJV                                   |
| <b>1115</b><br>EI4HH<br>IK6CGO<br>IZ5BYJ<br>JE1COB<br>JH3EQP  | <b>1110</b><br>DL1CF<br>JA4GCF<br>JR1SLU<br>N1DC<br>PT7NK                                  | <b>1103</b><br>AK1P<br>DJ5KL<br>IK5XLB<br>IK6WEZ<br>JA8NSF<br>JL1QDO   | <b>1098</b><br>AC8TO<br>CT1EGW<br>DJ3EJ<br>E72AD  | <b>1092</b><br>G0UII<br>KD2OV<br>KS4Q<br>N4WD<br>OH3DP<br>ON4VT                    |



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| <b>1091</b><br>EA5ZR<br>G3XVF<br>JA4XHF<br>JA7LMU<br>JH6JMN<br>K4YL<br>KR4DA<br>W0QL<br>W1MI<br>W4IDX                      | <b>1086</b><br>ER2RM<br>JA8DRK<br>JG1EIQ<br>KD3TB<br>LZ2TWY<br>W4JDS<br>W7WRJ  | K8FB<br>MM0BQI<br>PT2ND<br>SM5CCT<br>W7JWM<br>WW1WW  | <b>1075</b><br>AC4CA<br>DL5SDB<br>IK5QPS<br>JA5XWB<br>JJ2SEE<br>K1TN<br>N7NF<br>NN4DF<br>PA5KT<br>VE3SMA<br>WB9W<br>YB2IQ | M0VCB<br>ND9M<br>NK9O<br>VK3MB<br>WI4R  |
| <b>1090</b><br>CT3FN<br>DJ6HR<br>DU1IVT<br>EI6JK<br>K3IXD<br>K4WJ<br>SV1JSN<br>UN6TA                                       | <b>1085</b><br>AI7W<br>DL9SAD<br>JA1IHD<br>LA2LI<br>NN8L<br>TA3J<br>W4OWY<br>WA9IVU  | <b>1080</b><br>DL1DCT<br>EI9CN<br>HB9FBA<br>JK3NSD<br>K6EV<br>KG7CW<br>N6JM<br>NR2D<br>W7PC                                | <b>1074</b><br>HK3VHZ<br>JA5ALE<br>JE0EHE<br>KC2ATK<br>M0IFT<br>N7PIB<br>NO2C<br>W1WN<br>W8EOG<br>WA4VJK<br>WB6RAB        | <b>1070</b><br>JA7GZM<br>N3PPH<br>NJ9C<br>NR0Q<br>OZ7BQ<br>W9LU   |
| <b>1089</b><br>AC6ZM<br>JA8AWR<br>JI2UDK<br>JR1QLM<br>N9AI<br>UR6QA<br>W2GGY<br>W3MS                                       | <b>1084</b><br>AA4QE<br>DO4DXA<br>IZ4IRO<br>K3DQB<br>KB4FB<br>KJ7WY<br>KX4I<br>VE2OWL<br>W5QZ<br>W9MDB                                       | <b>1079</b><br>AD7KG<br>IC8TEM<br>IK6IHN<br>KV2S<br>LU7DW<br>VA1SEA  | <b>1073</b><br>G3VSQ<br>JA1UWB<br>JF2UEE<br>JF3GFH<br>K2TA<br>LA3SG<br>N2MFT<br>NE3K<br>NG9J<br>RA6WF<br>W1DDD<br>W4AFB   | <b>1069</b><br>N0HJZ<br>SM3OMO<br>UA9UX<br>W4GV<br>W4HPW<br>YU1NR   |
| <b>1088</b><br>AA2VG<br>EA7OH<br>G0HSA<br>JA1DJO<br>K0OB<br>K4AVU<br>KS4L<br>MM1PTT  | <b>1083</b><br>DL1ASA<br>DL9ABM<br>HG6IA<br>K0TI<br>UX7IN<br>W4DFU   | <b>1078</b><br>DL4KUG<br>EI4DQ<br>JA2SEQ<br>KI0KN<br>SM7CZL<br>YB1IQE  | <b>1072</b><br>DL3NCR<br>IZ8BRI<br>JH3LIB<br>K0HB<br>LZ1JZ<br>N1UZ<br>RV3DB<br>SP5GQ<br>W5PD<br>ZS2ACP                    | <b>1068</b><br>BW2/JP1RIW<br>CP4BT<br>JA3EGE<br>KB8NTY<br>LA7NO<br>N1BKB<br>N5DI<br>UA0LDW                  |
| <b>1087</b><br>JA1GFD<br>JA3DBD<br>JM1GAW<br>JR1HYA<br>KA1BQP<br>KI4YY<br>N3NO<br>N5OP<br>N7LAN<br>N7RVD<br>NB2P<br>SM3DTR | <b>1082</b><br>4Z4OQ<br>CP6UA<br>JA2QPY<br>JE2DJC<br>K4FK<br>KD8MQY<br>N4QK<br>OR4K<br>UA4HAD<br>UA4HDB<br>W6MVV<br>W9BWR<br>W9GFB<br>WB8YJF | <b>1077</b><br>JA2HOL<br>JF1CZQ<br>K4BBH<br>K5MMH<br>N6ER<br>W1JFK<br>W1USN<br>W4WNT<br>W7IMU<br>WA6QGH<br>WD4EGF<br>YS1RS | <b>1071</b><br>K0KV<br>KJ4FZ<br>LA2RZ   | <b>1067</b><br>JA7EU<br>K9WZB<br>KC3D<br>KS0T<br>LU4DXU<br>N9JF<br>SM5AFU<br>W0JW<br>W1TYQ<br>W4MBD<br>W8WV |
|  | <b>1081</b><br>K0FG  | <b>1076</b><br>AD7XG<br>AG4TO<br>HA2ESM<br>KB5CSQ<br>N2BSA<br>OZ3ABU<br>TF1A<br>W1ZZ                                       |   | <b>1066</b><br>AK4PR<br>IT9RWB<br>K1TO<br>OK1DO<br>ON6LY<br>W3ZQI   |
|  |  |  |   | <b>1065</b><br>DL1ZBO<br>EA4BHK<br>JA8WGX   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| K8YFM       | K0WK        | N4LSJ       | <b>1046</b> | N7WR        |
| N4DJT       | K8TE        | W3PT        | AB4EJ       | NI0K        |
| N4UW        | KE9UA       | YB2BOB      | DL2MWB      | W5HD        |
| W4MOT       | N6JOJ       |             | KL7KK       |             |
| <b>1064</b> | SP5UFK      | <b>1051</b> | KU4GC       | <b>1040</b> |
| DS5WQT      | SP6FXY      | AK0MR       | N8JK        | 8P5A        |
| ES2BL       | SP6QM       | G3VXJ       | NR5R        | AA0BH       |
| IK1AAS      | V31CQ       | K9JJR       | R6AZ        | AE4VJ       |
| JA1DHY      | VK2DAG      | K9NS        | W4ALF       | DK4SR       |
| N6XI        | W4BR        | KB0FHP      | W6INO       | K4LCP       |
|             | W6QO        |             | WB9MSM      | KE5MMT      |
| <b>1063</b> | W6RA        | <b>1050</b> |             | LA9L        |
| AJ6V        | WM4D        | JA1JYS      | <b>1045</b> | NC8I        |
| JF7PHE      |             | J11SAI      | HR5/F2JD    | UT4ZX       |
| K7GA        | <b>1057</b> | JR2BNF      | IZ1UKF      | W2RDS       |
| KB3MXK      | JA5IBP      | K0MB        | JA1JQM      |             |
| VE6PL       | OL1HQ       | K0SON       | N1GNB       | <b>1039</b> |
| W5CJF       | W5MT        | KX2B        | WB8TGY      | 3W3B        |
| W7KKC       | W6PH        | NJ4V        |             | 9A3QO       |
| WN9Q        | <b>1056</b> | NO3U        | <b>1044</b> | AC0W        |
|             | JO4JDU      | W8RHM       | DL1TPY      | CT7ABD      |
| <b>1062</b> | K0GK        |             | HA8UT       | JK1NPH      |
| JH3MHI      | KC4LZN      | <b>1049</b> | K4ZW        | K9IO        |
| W1WEF       | N0PFE       | AA3R        | M0AQM       | KX5M        |
| W4KCM       | N5JC        | K5UN        | UA3EAY      | NF8J        |
| W7SYK       | ZS4JAN      | N3COB       | W2BCC       | NQ4A        |
| W8ZR        |             | PY2BT       | WD5IYT      | PT2BW       |
|             | <b>1055</b> | W3EP        |             | W7CQQ       |
| <b>1061</b> | I8NLC       | WV1X        | <b>1043</b> |             |
| F8DQL       | IK2ULM      | YO8WW       | DF1TJ       | <b>1038</b> |
| G0MMI       | JG1GJH      |             | G4WGE       | KT1V        |
| JH0NBN      | LA4URA      | <b>1048</b> | HL1XP       | R3QF        |
| KA4LBD      | NS0Q        | EI8IQ       | JA1HQG      | VA1CHP      |
| LA9SN       | UU5WW       | IZ1POF      | JH4EIJ      | VU2SWS      |
| NF4J        | WD4NGB      | JK2XJE      | K1GW        | W7GSV       |
| SV1HAK      |             | KH6CQH/W7   | K1XH        | YE1AR       |
|             | <b>1054</b> | N1GFV       | KC3AK       |             |
| <b>1060</b> | EA4OR       | NC6RJ       | KM4CQG      | <b>1037</b> |
| EI9HX       | JA0CRG      | NR5O        | N6ZM        | IK5SRF      |
| G4GEE       | JA4EII      | SM7GXR      | NT4K        | JA1MOH      |
| IK4PKL      | KB3KJ       | VE3AJ       | SK6QA       | JA7JAA      |
| IZ1EPM      | N4NM        | W4ZV        |             | N4CO        |
| W5IP        |             | WB0RUR      | <b>1042</b> | NE6V        |
| W9IM        | <b>1053</b> |             | AB4ZT       | OH7LZB      |
| <b>1059</b> | 7N3IJT      | <b>1047</b> | AG2J        | W4GHD       |
| DL0UM       | EI5GSB      | DM2DXG      | K1ETA       | W4GKR       |
| K5AX        | K6OHM       | K0GVT       | KB8ZUN      | YU1LD       |
| KI0G        | KY6AA       | K3ZK        | S52R        |             |
| LA1FH       | V47JA       | KD5RBU      | W7BC        | <b>1036</b> |
| SV1PIZ      |             | KF6E        | YL/RG5A     | DL2UR       |
| YL2CB       | <b>1052</b> | LA2RR       |             | JP1LVI      |
|             | IC8XIL      | M0PCB       | <b>1041</b> | K2QE        |
| <b>1058</b> | IK2QPO      | N4UC        | A92BE       | NN5O        |
| 9A5MI       | IK2RLS      | N6IBP       | AC7JM       | SV2SIF      |
| JA2BL       | IK9WMS      | OH2ECG      | DJ2TG       | UN5GM       |
|             | N4IDH       | V31MD       | IU8GNY      | UY0MM       |
|             |             | VE3GFN      | JG2NLN      | VU3NXI      |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| W0ZA        | LA6VQ       | DK6WL       | S53X        | KI4FSI      |
| <b>1035</b> | NU0Q        | HL1MKT      | VE2ACP      | N6TW        |
| IU8LMC      | SV1DVX      | IZ8DDP      | W1CDC       | W1RCR       |
| IV3DXW      | <b>1029</b> | JA2LMY      | W2PD        | W7CB        |
| JA6NEJ      | CQ0ODX      | J15RPT      | WA8JBG      | <b>1014</b> |
| JA8DIV      | DL6SAK      | JP1QDH      | <b>1019</b> | DK6CQ       |
| JE1TNL      | DL7UCX      | K6PBF       | AA5TA       | DL9QJ       |
| K4TMG       | IK7XNA      | LZ1QN       | DK6BT       | EA9LZ       |
| KA9JCP      | IZ6IOC      | N4GOA       | G3AKU       | K1NOX       |
| KR0I        | KH2X        | N9GKE       | G3WKL       | KG5EG       |
| NC4RY       | W2GHD       | W3OP        | HB9HFM      | NW8F        |
| RI1FJ       | W6HB        | <b>1023</b> | JE6PJP      | PT2CSM      |
| W3TA        | <b>1028</b> | 4X1EL       | JH8UGL      | UT3KW       |
| W6VIO       | IK1RKN      | AC2RL       | JJ0PJD      | W2LPL       |
| <b>1034</b> | K5WE        | F6FFA       | JL2ULM      | WB2MKX      |
| K9AAA       | K6GCN       | IK4SBR      | KB1AWM      | <b>1013</b> |
| LZ1PM       | W4SW        | IN3TWX      | NX3A        | AF6O        |
| WA1HXH      | WA6APQ      | IU4AZC      | P40P        | HB9RE       |
| <b>1033</b> | WB9TFH      | JA1MZM      | <b>1018</b> | IZ0GKB      |
| AA2T        | YB3OSE      | JA1QDB      | K4HR        | JA1UBZ      |
| AE0MO       | ZS6X        | KI6PG       | K8UHL       | JK1DDQ      |
| AE4WG       | <b>1027</b> | N7YQ        | N3BK        | K5HX        |
| EI2II       | 4K9W        | RA3T        | N3GTG       | KA5IAU      |
| JA1VDJ      | DJ9HQ       | WI9WI       | NL8F        | NA6XX       |
| JR4DHK      | KG4VPC      | WU1U        | OZ4RT       | PY2YW       |
| K4FW        | W5XG        | <b>1022</b> | R3LC        | R7KW        |
| K5GZR       | WD4OHD      | EW3MM       | VR2CO       | SP3WKW      |
| KC4ES       | <b>1026</b> | G4CWD       | W4LLP       | VR2CC       |
| KU4A        | AA3I        | I0LTX       | WB9ZNZ      | <b>1012</b> |
| M0RTP       | DS2GOO      | K4BYN       | <b>1017</b> | HB9WDF      |
| W9COS       | JA5OP       | KF1P        | IZ0COI      | JA1UXV      |
| <b>1032</b> | JA8BZL      | N9AVC       | JA1GLE      | JH1KIM      |
| 9A1A        | N3DV        | OH2BUA      | JA3ALY      | JL3RNZ      |
| G4DYA       | UA4Q        | W6OZI       | K6VWE       | K7LAY       |
| LA8ZAA      | UX4UM       | <b>1021</b> | KT6AA       | KE7BMG      |
| <b>1031</b> | VE2WY       | DL1SWN      | RA3AOS      | RA3AA       |
| 4O7CC       | W2WGK       | DL7VSN      | W9JOE       | RD3BZ       |
| EI4GNB      | W6WRT       | F5TJC       | <b>1016</b> | UU1JA       |
| HB9MXY      | WX4W        | JN1RKE      | DL9ZAL      | VU2OT       |
| IK3XJP      | <b>1025</b> | K4VX        | DS4AKP      | W5AAJ       |
| JO3MXH      | AC1O        | K6SS        | EW4DX       | <b>1011</b> |
| K0ARM       | AE5FM       | KC0V        | F4GDI       | DL2RPN      |
| K1JE        | DS5BRE      | NA9L        | HB9DPO      | JA1PLL      |
| NX7K        | G0KRL       | OH6JKW      | K2KQ        | JH4NYG      |
| OZ1NF       | NT5EE       | W2YWC       | K2QPN       | JR3DXJ      |
| WQ9N        | RL8C        | YB2BNN      | K9RZ        | K3OK        |
| <b>1030</b> | RV6ARZ      | <b>1020</b> | N5ZY        | N5XUS       |
| AC9A        | YB9WZJ      | E70X        | W2PSU       | OH1HAQ      |
| JA6COW      | YV6BTF      | JE0HUR      | <b>1015</b> | W0OVM       |
| K6VVK       | <b>1024</b> | JH3FCF      | JA2QCX      | WW6G        |
| K7WA        | CT2GZE      | K2KNB       | K4NI        | <b>1010</b> |
|             |             | K2WR        | K7BWC       | CT1CQK      |
|             |             | LA4EI       |             |             |

|             |             |             |             |        |
|-------------|-------------|-------------|-------------|--------|
| EA9AM       | WA0GOZ      | <b>1003</b> | N3AS        | KG4OJT |
| HZ1GW       | WF5W        | AF4Z        | N3DD        | KM4GZI |
| IW8CGX      | XE1SAX      | DF5BX       | N9ATD       | KW1X   |
| JA6CMQ      |             | DJ3ZF       | NJ1Q        | KZ5D   |
| JA6SUJ      | <b>1006</b> | E29TGW      | OH1TSM      | LA9DL  |
| JK3NQV      | DJ9KV       | EU1TT       | VE3FK       | N2YU   |
| K1QQ        | DS3EXT      | IK1RLI      | W2/F2YS     | N4LS   |
| K4EZY       | G3YBY       | JL1EEI      | W2HDI       | N4PAJ  |
| K7UPJ       | JK1NIU      | LA4HC       | W7GTF       | N6MM   |
| N2BEG       | JK1OTP      | N7JP        | W9MB        | N8BK   |
| WI0E        | K4AEN       | NC3O        | WM6Q        | N8YO   |
|             | K5AR        | NH6L        | WV8EDU      | N9APK  |
| <b>1009</b> | KB5WWW      | NK2H        | YL2CP       | N9ATF  |
| 9M8DEN      | KF5BA       | OK2MDC      |             | N9NFT  |
| IZ7QSS      | N5KDV       | RA0AM       | <b>1000</b> | NA9J   |
| JE4MHL      | NH6Y        | W6ELI       | AA4IB       | NT4TN  |
| JL1KBS      | PV8RR       | WA8COB      | AB4BJ       | OH7HM  |
| K4BNF       | RW4NJ       | WA9LEY      | AE4S        | ON5UJ  |
| K4DXA       | W7RJR       | WB8QZM      | AI1W        | PA5X   |
| K5WL        |             |             | DB9CR       | PP6ZZ  |
| N1XL        | <b>1005</b> | <b>1002</b> | DL1DV       | PV8AAS |
| N2IFA       | DJ3CJ       | 7L1UVF      | DL2DCX      | RA5C   |
| R3TKM       | DL8XDA      | HB9FKK      | DM6MA       | RM6LW  |
| W1RH        | GI4SJQ      | I0ZYA       | E25KAE      | RT3I   |
| WD9FLI      | JA1FVE      | IN3FCK      | EA3AGY      | UA3DUJ |
| WM5DX       | JN3XEZ      | JJ1HLL      | EA3HPX      | VA3EJN |
|             | K5FO        | JS1MRA      | EA4EQD      | VU2MB  |
| <b>1008</b> | KR9A        | KX7L        | F5ELL       | W3ENM  |
| JA2CKK      | N3EEN       | N4WOT       | HB9ARK      | W5GOL  |
| JG4GZK      | N4VG        | N4XC        | HB9CAT      | W7GF   |
| K4SBZ       | NJ6K        | N8KOJ       | HI3I        | W8GJK  |
| K9CHP       | PA3AIN      | NZ6N        | HS8KAY      | WI2E   |
| KL7XO       | SM7WVZ      | OH8NW       | IK1ZNM      | YB2TJV |
| RA9SAS      | UA9AM       | SV3AGT      | IK6TOT      | YO5QAW |
| SM0DGW      | UT9LC       | VE8EV       | JA0RWF      |        |
| W3GP        | W6DOE       | W6JH        | JA1VZO      |        |
| W3LJ        |             | W6KAP       | JA1WIO      |        |
| W6LJS       | <b>1004</b> | W9CY        | JA2KAK      |        |
| W9VOB       | CX9AU       | WX4B        | JA9KA       |        |
| WB5KSD      | GM0SCA      | YB1MIG      | JF1MUI      |        |
| WX2K        | JQ2NBX      |             | JF3KOA      |        |
| XE1V        | K0AIZ       | <b>1001</b> | JG1EBU      |        |
|             | K4LD        | DB2WD       | JG1TFC      |        |
| <b>1007</b> | K7UW        | DH2ID       | JH4MJO      |        |
| 7Z1CQ       | K8JRM       | EA1BP       | JR3PKO      |        |
| JF2RSF      | K9IJ        | EI8JX       | JR3RIU      |        |
| K1UM        | K9MRD       | HB9GZE      | K2RAS       |        |
| K2TTM       | KE4GFE      | HS8HEX      | K7HV        |        |
| K4RWP       | LU7HF       | IX1CLD      | K7LOL       |        |
| K5XM        | N2JT        | JA1ASO      | K9DUR       |        |
| KA2F        | OH2CLX      | JA1CCG      | KA5JSM      |        |
| KR7RK       | S53BB       | JA5RVN      | KA5SYP      |        |
| N3JON       | VU2AE       | JN1SUT      | KA6RWL      |        |
| N8YQX       | W5EW        | K6DLB       | KB3HHA      |        |
| RN4AM       | W9KM        | KB7AZ       | KB7PKC      |        |
| VE3MDX      | WA3KVN      | KG4URP      | KC2NJ       |        |
| W9EBO       | WE3J        | LA8IB       | KD0BQS      |        |