

## ARRL DXCC - DXCC Challenge

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 21 Jan 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and 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.

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|-------------------------------|--|---------------------------------|---------------------------------|---|
| <b>3304</b><br>EA8AK          | <b>3205</b><br>OH2BU                   | <b>3187</b><br>K5UR             | <b>3161</b><br>WB9Z             | <b>3142</b><br>SP3E                       |
| <b>3277</b><br>HA0DU          | <b>3204</b><br>KJ9I<br>W4DR            | <b>3180</b><br>GM3POI<br>W1JR   | <b>3160</b><br>CT1APE           | <b>3141</b><br>JA5AUC<br>K2TQC            |
| <b>3255</b><br>LZ2DF          | <b>3202</b><br>DJ6RX                   | <b>3178</b><br>W9ZR             | <b>3158</b><br>DL4MCF<br>UT5UGR | <b>3139</b><br>SP3EPK                     |
| <b>3253</b><br>CT1EEB         | <b>3201</b><br>OH3SR                   | <b>3175</b><br>W3LPL            | <b>3157</b><br>9A2AA<br>JA4LKB  | <b>3138</b><br>OZ1BTE                     |
| <b>3249</b><br>JA1BK          | <b>3200</b><br>PE5T                    | <b>3173</b><br>IK4DRY           | <b>3156</b><br>9A7V<br>JA5EXW   | <b>3137</b><br>HB9BGV                     |
| <b>3248</b><br>SP5EWY         | <b>3199</b><br>N4WW                    | <b>3171</b><br>IK1GPG<br>JH4IFF | <b>3155</b><br>K5RK             | <b>3136</b><br>PY2XB                      |
| <b>3244</b><br>UT7QF          | <b>3197</b><br>EA6SX<br>K8MFO<br>UX0UN | <b>3170</b><br>JA4DND           | <b>3154</b><br>JH4UYB           | <b>3135</b><br>N4CC                       |
| <b>3239</b><br>4X4DK          |  | <b>3169</b><br>OH1XX            | <b>3151</b><br>G3KMA            | <b>3134</b><br>CT1EKY                     |
| <b>3236</b><br>DF3CB          | <b>3192</b><br>I4AVG                   | <b>3167</b><br>OE6IMD<br>SM6CVX | <b>3149</b><br>NN4T             | <b>3133</b><br>IK4GME<br>OG2M<br>S58T     |
| <b>3223</b><br>OZ1LO          | <b>3191</b><br>G4BWP<br>N1DG<br>W1NG   | <b>3166</b><br>SM3GSK           | <b>3148</b><br>PA3FQA<br>SV8CS  | <b>3132</b><br>JR3IIR                     |
| <b>3221</b><br>JR2KDN<br>S50A | <b>3189</b><br>IK4MGP<br>W3UR          | <b>3165</b><br>I4EWH            | <b>3145</b><br>UR0MC            | <b>3125</b><br>IK8HJC<br>JF2MBF<br>SM3EVR |
| <b>3214</b><br>DJ9KG<br>K4PI  | <b>3188</b><br>F6BKI<br>G0JHC<br>YU1FW | <b>3164</b><br>N3XX             | <b>3144</b><br>JA3FYC           | <b>3124</b><br>EY8MM<br>GM3YTS<br>JQ3DUE  |
| <b>3206</b><br>IK4WMA         |  | <b>3163</b><br>SM0AJU           | <b>3143</b><br>K4CIA            |   |

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| <b>3121</b><br>IZ0AEG<br>VE3EJ           | <b>3102</b><br>PA0WRS<br>S59Z                             | <b>3079</b><br>YO3APJ           | <b>3053</b><br>JR6EZE                            | <b>3034</b><br>JA5MHD   |
| <b>3120</b><br>W3YX                      | <b>3101</b><br>AA7A<br>DF3GY<br>G4CCZ<br>IZ1ANU<br>JE6KYA | <b>3078</b><br>N3SL             | <b>3052</b><br>K4XP                              | <b>3033</b><br>N2LT<br>UB7K<br>W9RPM                              |
| <b>3119</b><br>OK3GU                     | <b>3099</b><br>LY2IJ                                      | <b>3077</b><br>DF4PL<br>HB9BIN  | <b>3051</b><br>OE6MDF                            | <b>3032</b><br>OH5KW<br>SP8NR<br>UY5ZZ                            |
| <b>3118</b><br>N8DX                      | <b>3098</b><br>NJ6P                                       | <b>3075</b><br>K4DY<br>SP6CIK   | <b>3050</b><br>VE1YX                             | <b>3031</b><br>JR7VHZ<br>N2TK                                     |
| <b>3117</b><br>I0WDX                     | <b>3097</b><br>IK5HHA<br>JH1GZE                           | <b>3073</b><br>K3UA             | <b>3048</b><br>N4BAA<br>N8RR<br>UX1UA            | <b>3029</b><br>S51DI<br>W4TO                                      |
| <b>3116</b><br>N0TB                      | <b>3096</b><br>W4DXX                                      | <b>3072</b><br>AA1V             | <b>3047</b><br>G0DQS<br>G4PWA                    | <b>3028</b><br>AG9S<br>DL1AMQ<br>G3TXF<br>I4LCK<br>JA5AQC<br>T77C |
| <b>3114</b><br>IK6DLK                    | <b>3093</b><br>JA2JPA<br>W7UT                             | <b>3071</b><br>KD5M<br>SL0ZG    | <b>3046</b><br>JH2FXK<br>OE2VEL<br>SP1S<br>UT7UJ | <b>3027</b><br>E17BA<br>IK2YCW                                    |
| <b>3113</b><br>SM6CMU<br>SV1FJA<br>VA3DX | <b>3092</b><br>JG3QZN<br>SM5AQD                           | <b>3068</b><br>N0XA<br>W8UVZ    | <b>3044</b><br>N9IW                              | <b>3025</b><br>KW9A<br>N4CH                                       |
| <b>3111</b><br>OH1MA<br>SM5CEU<br>SP2FAX | <b>3091</b><br>F6AOJ                                      | <b>3067</b><br>IK6FWJ           | <b>3043</b><br>DK5WL<br>K1CP                     | <b>3024</b><br>DL5DSM<br>F6BEE<br>JA2FBY<br>LA5IIA<br>N6AR        |
| <b>3110</b><br>DL7VEE<br>OH1ND<br>WD5COV | <b>3090</b><br>EA3A<br>SP7VC                              | <b>3066</b><br>JA2VPO           | <b>3042</b><br>JA1UQP<br>YO9HP                   | <b>3023</b><br>VK4MA  |
| <b>3109</b><br>SM3NRY                    | <b>3087</b><br>ON4AOI<br>SP9DWT                           | <b>3065</b><br>SV1RK            | <b>3041</b><br>HA8IE<br>W5OZI                    | <b>3022</b><br>AA6YQ<br>DL2OE<br>K0KX<br>K8PT<br>N4RJ<br>OE5KE    |
| <b>3108</b><br>I5NPH                     | <b>3085</b><br>DK5PR                                      | <b>3064</b><br>NR1R<br>W5ZN     | <b>3040</b><br>DJ2YA<br>K9CT                     | <b>3020</b><br>JA0DAI   |
| <b>3106</b><br>N2QT<br>UT3UA             | <b>3083</b><br>IK4CIE                                     | <b>3060</b><br>K4MQG            | <b>3039</b><br>WK3N                              |   |
| <b>3105</b><br>EA5BM<br>ON4IQ            | <b>3081</b><br>9A2EU                                      | <b>3058</b><br>GM0GAV<br>SP5CJQ | <b>3038</b><br>W4PK                              |   |
| <b>3104</b><br>OE3GCU                    | <b>3080</b><br>9A1CCY                                     | <b>3055</b><br>W2YC             | <b>3037</b><br>G3ZSS                             |   |
| <b>3103</b><br>G3XTT                     | <b>KF2O</b><br>W0BV                                       | <b>3054</b><br>JA1HGY           | <b>3036</b><br>SM5KNV                            |   |

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| N5KD<br>W3CC  | UT7UW   | <b>2988</b><br>JG1ULJ<br>VE3XN<br>W4UM  | K9EL  | <b>2951</b><br>JA9CHI<br>K1ZZ                          |
| <b>3019</b><br>JA7QVI<br>N7NR<br>UT9FJ                            | <b>3005</b><br>HA5WA<br>K8SIX   | <b>2987</b><br>K1HTV<br>N4MM            | <b>2969</b><br>JA6BZI<br>JH1IFS                       | <b>2949</b><br>JA0EOK<br>K5EJ<br>K5EK<br>N7RT<br>OK1MP |
| <b>3018</b><br>JA3EMU   | <b>3004</b><br>EA1DR<br>IV3JVJ  | <b>2985</b><br>VE2TZT                   | <b>2968</b><br>JH1HGC                                 |  |
| <b>3017</b><br>OH1LEU   | <b>3003</b><br>9A5CY<br>CT1IUA<br>OE2LCM<br>OH2BCK<br>PY2BW   | <b>2984</b><br>JA7MSQ<br>K4QL           | <b>2967</b><br>N3NT                                   | <b>2947</b><br>FK8CP<br>W0VTT                          |
| <b>3014</b><br>EA6NB<br>HB9AMO<br>K5DU<br>UA4HBW<br>UT5JAJ        | <b>3002</b><br>JA0UUA<br>UX0FF<br>W1YY  | <b>2982</b><br>K5KC<br>K5XI             | <b>2965</b><br>JA0FSB<br>K3FN<br>K4SV<br>N4II<br>W3LL | <b>2946</b><br>K9RX                                    |
| <b>3013</b><br>R7LV<br>SM6CCO                                     | <b>3001</b><br>G3SJX<br>JF3KON<br>KY7M<br>US4EX   | <b>2981</b><br>F6DAY                    | <b>2964</b><br>DJ0MDR<br>SP3DV                        | <b>2943</b><br>JA2DPC<br>W3KX                          |
| <b>3012</b><br>N5DG   |   | <b>2980</b><br>JJ2LPV<br>N4XM           | <b>2963</b><br>JA1XEC                                 | <b>2942</b><br>W1TSP                                   |
| <b>3011</b><br>JR3GWZ<br>SP5DIR                                   | <b>3000</b><br>5B4AGN<br>AA4V<br>F5II<br>F5UKW<br>I5KKW<br>JH4ADV<br>K2FF<br>KX4R<br>OK6DJ<br>US5WE<br>W3DF | <b>2979</b><br>K0IEA<br>N2WK<br>N6JV    | <b>2962</b><br>JA2IVK<br>YV1DIG                       | <b>2941</b><br>N4JF<br>N5ZM                            |
| <b>3010</b><br>F5NBU<br>OE1WEU                                    |   | <b>2977</b><br>IV3ODE<br>K5ESW          | <b>2961</b><br>MD0CCE                                 | <b>2940</b><br>JH1TWT<br>K5BG<br>W1GL                  |
| <b>3009</b><br>AA1QD<br>F6EXV<br>JJ3PRT<br>K4SO<br>N0AT<br>SM4DHF | <b>2998</b><br>K4UTE  | <b>2976</b><br>EA5RM<br>S53R            | <b>2960</b><br>W9IXX                                  | <b>2939</b><br>IZ8FFA                                  |
| <b>3008</b><br>JA2JW<br>JA2WYN<br>RW2A                            | <b>2996</b><br>W4VQ   | <b>2975</b><br>NI0G                     | <b>2959</b><br>K4IQJ<br>UA3AKO                        | <b>2938</b><br>HB9RG<br>K0EU<br>OZ8BZ<br>W6XA          |
| <b>3007</b><br>SP2GJV<br>SP7GAQ                                   | <b>2995</b><br>UA4CC  | <b>2974</b><br>OZ3PZ                    | <b>2958</b><br>JA1SYY                                 | <b>2937</b><br>JL1SAM                                  |
| <b>3006</b><br>DJ8NK<br>R4GM<br>SP3CFM                            | <b>2992</b><br>DJ4AX<br>DL7MAE  | <b>2973</b><br>JH0INP<br>WX4G           | <b>2957</b><br>K2UO                                   | <b>2936</b><br>JA0CRI<br>K4MWB                         |
|   | <b>2990</b><br>G4OBK  | <b>2971</b><br>IK4DRR<br>JA2JNA<br>UA6A | <b>2956</b><br>RZ3AM                                  | <b>2935</b><br>R3OK<br>YU3AA                           |
|   |   | <b>2970</b><br>DJ5FI                    | <b>2955</b><br>JH2UVL<br>NO8D                         | <b>2934</b><br>OH3BU                                   |
|   |   |   | <b>2954</b><br>N8PR<br>SP8AJK                         |  |

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| <b>2933</b><br>CT4NH<br>DK2LO<br>I8IGS                   | <b>2917</b><br>9A2NO<br>IZ1BII<br>K2UU                            | <b>2904</b><br>PY5EW                                    | <b>2886</b><br>JO7WXN<br>K6ND<br>OH5VT           | K4HGX<br>RA4CC                                     |
| <b>2932</b><br>HB9BZA<br>RA3DX                           | <b>2916</b><br>EA3GP  | <b>2901</b><br>I3BUI<br>IW1ARB<br>JF8QNF<br>N8TR        | <b>2885</b><br>IK0MHR<br>KV7K<br>OH1TV           | <b>2871</b><br>JA7JWF<br>N2NL                      |
| <b>2931</b><br>F2JD<br>IK5MEN<br>JA3PIS<br>UA3AB<br>W7AO | <b>2915</b><br>W5XX   | <b>2900</b><br>9A2F<br>EU7A<br>IZ1LBG<br>JF4VZT<br>K3UL | <b>2884</b><br>K4CN                              | <b>2870</b><br>EA1YO<br>ZS4TX                      |
| <b>2928</b><br>DJ4PI<br>IK5ACO<br>JA2FJP<br>RA7A         | <b>2914</b><br>OM3DX<br>RU3FM                                     | <b>2899</b><br>W1CU                                     | <b>2883</b><br>SM5CZQ                            | <b>2869</b><br>EA5BY<br>JA2XYO<br>JN7FAH<br>SP6HEQ |
| <b>2927</b><br>EA6VQ<br>K1ST                             | <b>2913</b><br>OE8RT<br>ON4CD<br>SM6CNN                           | <b>2897</b><br>OZ1CTK                                   | <b>2882</b><br>N4HU<br>RZ1OA                     | <b>2868</b><br>AB4IQ<br>HK3W<br>N8BM<br>W4FC       |
| <b>2926</b><br>K0SR<br>RA3CQ<br>UA4CR                    | <b>2912</b><br>K4HB<br>NK1K<br>W8AV                               | <b>2896</b><br>9A3SM<br>KG7H                            | <b>2881</b><br>I1EIS<br>N5TY                     | <b>2867</b><br>DM5EE<br>JH4JNG<br>LZ2JE<br>S54E    |
| <b>2925</b><br>AD5A<br>HA5AGS<br>IK6SNR<br>N5AW          | <b>2911</b><br>AB3CV<br>CT1ILT<br>K1UO                            | <b>2895</b><br>N4QS                                     | <b>2879</b><br>G3LZQ<br>JA5IU<br>LA5HE<br>W4DKS  | <b>2866</b><br>JL1UXH<br>KN4F<br>RY9C              |
| <b>2923</b><br>N9US<br>OE5NNN                            | <b>2910</b><br>K4XO   | <b>2894</b><br>AC4G<br>RJ3AA                            | <b>2878</b><br>IV3YYK<br>JA2ZL<br>N4PQX<br>RW0LT | <b>2865</b><br>UA3DPM                              |
| <b>2922</b><br>DK1FW<br>K1AR                             | <b>2909</b><br>JA0GJJ   | <b>2893</b><br>IK6GPZ<br>W0MHK                          | <b>2877</b><br>SM3VAC<br>UR5WA<br>UX1AA          | <b>2864</b><br>A45XR                               |
| <b>2921</b><br>EA4KD<br>K9ZO                             | <b>2908</b><br>HA1RW<br>K8FL<br>RW5C                              | <b>2892</b><br>N4NX<br>OZ1AXG                           | <b>2876</b><br>JE2LUN<br>SM6CTQ<br>W1RM          | <b>2863</b><br>DJ5AV<br>JA9APS                     |
| <b>2919</b><br>DL1DUL<br>K9NU                            | <b>2907</b><br>DL1EJA   | <b>2890</b><br>OK1CF<br>R5AJ                            | <b>2875</b><br>JA1ANR                            | <b>2862</b><br>AA1ON<br>K3WW<br>R3AW               |
| <b>2918</b><br>KA9CFD                                    | <b>2906</b><br>EA3JL<br>OZ4O<br>UA3TCJ<br>W2IRT<br>W6UB<br>WB6RSE | <b>2889</b><br>JA1ADT<br>JR4OZR<br>K3WC                 | <b>2874</b><br>OH3JR                             | <b>2860</b><br>IT9JNR<br>YO7LCB                    |
|  | <b>2905</b><br>PY5HOT<br>WA7NB<br>WI8A                            | <b>2888</b><br>N8JV                                     | <b>2873</b><br>WB4OSS                            | <b>2859</b><br>HL3IUA<br>JA1EOD<br>LA7JO           |
|  |   | <b>2887</b><br>JA6LCJ<br>JF1PUW                         | <b>2872</b><br>JA8EAT                            |  |

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| N4DB   | <b>2844</b><br>JA1SJV<br>UA4LY                                   | <b>2830</b><br>4Z5CX<br>K9EU<br>UA3AP                                      | <b>2816</b><br>IK5DNF<br>SP1MGM                | HB9DDO<br>JA8DNV                                  |
| <b>2858</b><br>LA4GHA<br>SM6DHU                  | <b>2843</b><br>W1ECT<br>W8GC<br>WP4U                             | <b>2829</b><br>DJ9HX<br>N5OK<br>W8OI                                       | <b>2815</b><br>9H1SP<br>RL9F<br>SV1DPI<br>W7DO | <b>2802</b><br>IK0XBX<br>UR5EDX                   |
| <b>2857</b><br>JA4FKX<br>JI4POR<br>UA6MF         | <b>2842</b><br>JA2BDR<br>PY5EG                                   | <b>2828</b><br>IK2QPR<br>OK2ZU   | <b>2814</b><br>JA9FPI<br>K5KLA<br>KC7V         | <b>2800</b><br>RU3QR                              |
| <b>2856</b><br>K9NW<br>OH2BLD<br>W9RN            | <b>2841</b><br>JF1WPB<br>K3WA                                    | <b>2827</b><br>9A2JK   | <b>2812</b><br>9A4T<br>9A8A<br>K7ZV            | <b>2799</b><br>JR2LJO<br>W6OAT<br>WA5VGI          |
| <b>2855</b><br>OE1ZL                             | <b>2840</b><br>DK2NG<br>EA1DFP<br>SV1CNS                         | <b>2826</b><br>AA4HP<br>SM2OAN   | <b>2811</b><br>NE1B                            | <b>2798</b><br>SP7HOV<br>SV1JG                    |
| <b>2854</b><br>KG4W<br>RV3LO                     | <b>2839</b><br>K2VV  | <b>2825</b><br>DL4CF<br>K5XX   | <b>2810</b><br>DK3DG<br>IW0HEX<br>N4DW         | <b>2797</b><br>JA1DUH                             |
| <b>2852</b><br>K4ZYU                             | <b>2838</b><br>SM4EMO<br>W1DIG                                   | <b>2824</b><br>AB6QM<br>EA1N<br>IK1WGX<br>JA4MRL<br>K0DEQ<br>RZ3DX<br>W2SM | <b>2809</b><br>DL6KR<br>WA2VYA                 | <b>2796</b><br>JS3CTQ                             |
| <b>2851</b><br>W3NO                              | <b>2837</b><br>DL6ATM<br>NY0V<br>VE1DX<br>VE3FF<br>W5TCX<br>W9OP | <b>2822</b><br>LA7AFA  | <b>2808</b><br>I4MKN<br>LB8DC                  | <b>2795</b><br>NQ1K                               |
| <b>2850</b><br>JH1ECG<br>JR3VXR<br>SP3CGK        | <b>2835</b><br>K9YY<br>UA1OIZ                                    | <b>2821</b><br>IU7QBB<br>JO1WKO<br>N4AH<br>UA0ZC                           | <b>2807</b><br>DK6WA<br>W1TC                   | <b>2794</b><br>IK4PLW<br>ON4GG<br>W2LO            |
| <b>2849</b><br>IK7NXM<br>RY7G                    | <b>2834</b><br>R7NW<br>SM3NXS<br>VE3EXY                          | <b>2819</b><br>JE1SYN<br>JI2KXK  | <b>2806</b><br>G3SNN<br>JS2LHI<br>K1OA<br>N9AU | <b>2793</b><br>RA3DA                              |
| <b>2848</b><br>N5UR<br>VE3LYC                    | <b>2833</b><br>E72A<br>K1DG                                      | <b>2818</b><br>I6FLD<br>JE2URF   | <b>2805</b><br>5B4MF<br>HA9PP<br>W9XY          | <b>2792</b><br>AA5AM<br>SM0CCM<br>UT2UB           |
| <b>2847</b><br>N2TU                              | <b>2832</b><br>K5ZK  | <b>2817</b><br>AI9L<br>JR3OEH<br>LA7HJA<br>RU6B<br>S52F                    | <b>2804</b><br>DL5WW<br>VA5DX                  | <b>2791</b><br>K6FG                               |
| <b>2846</b><br>IK1YED<br>KF0QR<br>R7DX           | <b>2831</b><br>CT1FMX<br>JA9LJS                                  |  | <b>2803</b><br>EA3WD                           | <b>2790</b><br>4Z5MU<br>EA6ET<br>HB9ALO<br>SV1AVD |
| <b>2845</b><br>JF2UPM<br>K8ZTT<br>R9FM<br>WA4FFW |  |  |  | <b>2789</b><br>IK4HLU<br>VE3DZ                    |
|  |  |  |  | <b>2788</b><br>JA9RRH<br>N5ORT                    |

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| <b>2787</b><br>IZ5DKJ<br>JA3RAR<br>KN5O<br>VE3BW<br>W5XC<br>W9MU | <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<br>R5DT                    | <b>2727</b><br>JA3AZD  |
| <b>2785</b><br>JH1NYM<br>WB9CIF                                  | <b>2770</b><br>JF2XGF<br>N0AV                    | <b>2755</b><br>DL5AN<br>SP6CES                  | <b>2739</b><br>SP3IBS                                     | <b>2726</b><br>F6FXU<br>RX4HZ                                    |
| <b>2784</b><br>K5AQ<br>W7KNT                                     | <b>2769</b><br>F4BKV<br>JA2VQF                   | <b>2754</b><br>KC9ARR                           | <b>2738</b><br>EA7R<br>JA5XAE<br>JR7BDQ<br>SP9JZU         | <b>2725</b><br>JF0EHX<br>R3VA<br>WB4TDH                          |
| <b>2783</b><br>N5FG  | <b>2768</b><br>G0OIL<br>JA4PXC                   | <b>2753</b><br>W9AJ                             | <b>2737</b><br>JA3GN<br>UT7UV                             | <b>2724</b><br>HB9DDZ<br>I7CSB<br>JA3FGJ<br>PA3EWP<br>PY2YP      |
| <b>2782</b><br>IK0PEA<br>K7NN<br>MM0EAX<br>SM6BZV                | <b>2766</b><br>HA7TM<br>IK0FUX<br>K9US<br>WA2WSX | <b>2752</b><br>AG4W<br>SM4DDE                   | <b>2736</b><br>N5XZ                                       | <b>2723</b><br>K5GKC<br>R7AA<br>W1YM                             |
| <b>2781</b><br>AJ6T<br>RN3QN<br>UA3LAR                           | <b>2764</b><br>AI0O<br>JA4DLP<br>K2RW            | <b>2751</b><br>HB0CC<br>UA4HAU                  | <b>2735</b><br>DK0PM<br>G0BNR<br>K8NVR<br>WT8C            | <b>2722</b><br>NS4C  |
| <b>2780</b><br>CT1GFK<br>N7US                                    | <b>2763</b><br>F5PAC                             | <b>2750</b><br>JA6VQA<br>K6XT<br>N8DJX          | <b>2734</b><br>JR6FC<br>RD3K<br>W6YI                      | <b>2721</b><br>AD1C<br>DL9GFB<br>SP2BMX                          |
| <b>2779</b><br>HB9HFN<br>NI6T<br>W6SR                            | <b>2762</b><br>9A1HBC<br>DJ9VA                   | <b>2748</b><br>JN1BMX<br>SP6DNZ<br>W6RLL        | <b>2733</b><br>CU2DX<br>W0UO                              | <b>2720</b><br>AB9V<br>K3PA<br>ON4IZ<br>SV2AEL<br>US0KW<br>UX3IW |
| <b>2777</b><br>DK5AD<br>JR1XIS<br>W0YG                           | <b>2761</b><br>I4KDJ<br>JL1RUC<br>K6KLY          | <b>2747</b><br>G4IRN<br>N6ET<br>VA2WA           | <b>2732</b><br>JA6CRP<br>K1BD<br>UT8IO<br>W7OM            | <b>2719</b><br>F5CQ<br>N7RO                                      |
| <b>2776</b><br>K8GG  | <b>2760</b><br>RA0FF<br>UN5J                     | <b>2746</b><br>KP2A<br>UY5AA                    | <b>2730</b><br>K1NU                                       | <b>2718</b><br>DF2UU<br>DJ9ON<br>G4GIR<br>KK2I<br>KZ2I<br>OE6DK  |
| <b>2775</b><br>9A2NA<br>JA7KY                                    | <b>2759</b><br>IK4ADE<br>K0JGH<br>ZS6EZ          | <b>2745</b><br>W2LK                             | <b>2729</b><br>DK2JX<br>G4PTJ<br>JA1SVP<br>JA2KVD<br>K5UO | <b>2717</b><br>JA5WIZ<br>JF1UVJ                                  |
| <b>2774</b><br>HB9DHK<br>JH3VNC                                  | <b>2758</b><br>JE8BKW<br>PY2SP                   | <b>2744</b><br>RA3XDX                           | <b>2728</b><br>JA9TWN<br>JJ3HGJ                           |  |
| <b>2773</b><br>LA3MHA  | <b>2757</b><br>IK0FVC                            | <b>2742</b><br>DL5ME<br>KB0EO<br>SP9ODY<br>WE9R |   |  |
|  |  | <b>2741</b><br>DF6PB<br>JA1KQX                  |   |  |

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|---|--|--|--|--|
| <b>2716</b><br>DL7BA<br>UA9FAR  | W5ADD  | <b>2693</b><br>KB8VAO<br>W0AW  | <b>2677</b><br>IK4BHO<br>W4BP                  | <b>2663</b><br>I5ZGQ<br>JH3VWN<br>OE4PWW                         |
| <b>2715</b><br>NN4X   | <b>2704</b><br>JR1BAS<br>K0JUH   | <b>2692</b><br>EA7TV   | <b>2676</b><br>JA9NLE                          | <b>2662</b><br>JE2OVG<br>K7BG<br>UW5ZM                           |
| <b>2714</b><br>JA6WJL<br>JI8DGO<br>JR7WFC<br>K0KT<br>NV9L<br>NX7U<br>RA3QK<br>W0DJC | <b>2703</b><br>DL1YD<br>K8EUR<br>KA1R<br>NM6V<br>SP6M<br>W0FLS                         | <b>2691</b><br>WE7K  | <b>2675</b><br>HB9SLO<br>JH7XRG                | <b>2661</b><br>W9ILY   |
| <b>2713</b><br>K1GG<br>UA0CW  | <b>2702</b><br>JA2LCP<br>JF7XKY<br>WP4G  | <b>2690</b><br>JA1XCZ<br>OE1AZS<br>SP7ITB<br>W1SKU                       | <b>2674</b><br>AH7C<br>G4IY<br>JH1QAX          | <b>2660</b><br>DJ4XA<br>RW4NN<br>SP3QDM                          |
| <b>2712</b><br>F6HDH<br>W8HW  | <b>2701</b><br>OE3EVA<br>R6AF<br>SP3CJS  | <b>2689</b><br>EI6FR<br>HA1RB<br>JE1LFX<br>K8AC<br>W2KKZ<br>W5AJ<br>W6VX | <b>2673</b><br>IW0SAF<br>W9NGA<br>YS1RR        | <b>2659</b><br>IT9DSZ<br>K0KVR<br>K8BCK<br>KZ4V<br>LA9AJA        |
| <b>2711</b><br>SV1BTK   | <b>2700</b><br>DJ9ZB<br>DL6MRS<br>JA9PPC<br>JH7RXU<br>K7PI<br>N9LB<br>RA9CMO<br>WA2HZO | <b>2688</b><br>JA0DIN  | <b>2672</b><br>G3VKW<br>OH2FT<br>W9XX          | <b>2658</b><br>ON4ON<br>UW2ZM<br>W4QN                            |
| <b>2710</b><br>EA2IA<br>JA4OK<br>K5MC   | <b>2699</b><br>IZ8XQC<br>K8WK<br>UT4MF<br>YU1CC  | <b>2687</b><br>W3AP  | <b>2671</b><br>JE7JDL<br>KD6WW                 | <b>2657</b><br>JE2DZC<br>N3MN<br>RA1QD                           |
| <b>2709</b><br>HB9AUS<br>JA8RJE<br>R9TO   | <b>2698</b><br>K8GI<br>K9MK<br>WB3AVN  | <b>2686</b><br>RM0F  | <b>2670</b><br>DL3ZA<br>JG0CQK<br>YL2MU        | <b>2656</b><br>DL5CW<br>K0JY<br>LA5LJA                           |
| <b>2708</b><br>CT1BH<br>JE2LPC<br>K3RA<br>OZ1ADL<br>PY4OY<br>UN6T                   | <b>2697</b><br>KJ3L  | <b>2685</b><br>JA0IXW  | <b>2669</b><br>WN6W<br>WX2S                    | <b>2655</b><br>HB9LCW<br>UA3TT                                   |
| <b>2707</b><br>DM2DXA<br>G0BLB  | <b>2696</b><br>AJ9C<br>RW3RN   | <b>2684</b><br>DF2RG<br>JK1EXO<br>W5CIA                                  | <b>2668</b><br>JA7MOL                          | <b>2654</b><br>W8DCH   |
| <b>2706</b><br>K5RT<br>S52DD<br>W1MK  | <b>2695</b><br>W5FKX   | <b>2683</b><br>PY7DJ   | <b>2666</b><br>CT1BOL<br>G4WFQ<br>N7KA         | <b>2653</b><br>JA3APL  |
| <b>2705</b><br>G5LP   | <b>2694</b><br>AA5C  | <b>2682</b><br>KA9FOX<br>N9FN  | <b>2665</b><br>4Z4DX<br>F5HNQ<br>N2BJ<br>WA8WV | <b>2652</b><br>AF9H<br>LA8PT<br>SK3PY<br>UT5EL<br>W5LT<br>WB0TEV |

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|---|--|---|--|--|
| <b>2651</b><br>AA9A<br>JN1RQV                             | <b>2637</b><br>JH8RZJ<br>UA0FZ                             | <b>2623</b><br>GM3PPE<br>N9RS                   | <b>2612</b><br>DL1DUO<br>IV3IZU<br>K4TT<br>N5GH<br>RL3FA<br>WB8BPU   | IZ0RVI<br>JA7JI<br>W8TWA                                   |
| <b>2650</b><br>G4OWT<br>JA7MFL<br>JH1HHC<br>W8HC          | <b>2636</b><br>EA5GPQ<br>K1LPS<br>K3JGJ<br>K8VFF<br>N8KOL  | <b>2622</b><br>RA3ZH<br>RZ4FO<br>W2JU<br>W4FQT  | <b>2611</b><br>K2LS<br>K5VIP<br>OH9MDV                               | <b>2601</b><br>HA0UZ<br>JG3IWL<br>JG4AKL<br>K7WP<br>WA0MHJ |
| <b>2649</b><br>AD5Q<br>IK8YTA<br>IZ3ENH                   | <b>2634</b><br>I5HOR<br>S57AC                              | <b>2621</b><br>EC3A<br>W4WWM                    | <b>2610</b><br>K6YUI<br>LA3WAA<br>NF9V                               | <b>2600</b><br>JH4ALY<br>W7WM<br>WX0V                      |
| <b>2647</b><br>JE3ENP<br>JE3GRQ<br>KS1J<br>W7CT           | <b>2633</b><br>JA4LXY<br>K6GXO<br>NS6C<br>NU8Z<br>W6XK     | <b>2620</b><br>AA5AU<br>AJ3K                    | <b>2609</b><br>JA7LGE<br>JM1FHL<br>K1KD<br>K4WA<br>WD8JJA            | <b>2599</b><br>JA1IZZ                                      |
| <b>2645</b><br>JR2UBS<br>SM5FUG                           | <b>2631</b><br>9A1CAL<br>JA7IC<br>K9XD<br>RX3AGD           | <b>2619</b><br>JA2ATE<br>JH6QFJ<br>N6ED<br>ND0N | <b>2608</b><br>E73Y<br>JA2EPW<br>VK3QI                               | <b>2598</b><br>JM1XCW<br>K1USA<br>K5WK<br>N1RR             |
| <b>2644</b><br>DF3UB<br>KE9ET<br>N1IBM<br>SM6CUK<br>VE6WQ | <b>2630</b><br>NA5C  | <b>2618</b><br>K7BV*<br>W2QO<br>W4TV            | <b>2607</b><br>JK1KSB<br>KE8UN<br>KU0A                               | <b>2597</b><br>DL6CNG<br>JA2TBS<br>JI1DHY                  |
| <b>2643</b><br>W2PK                                       | <b>2629</b><br>JA2AHH<br>OH6RX<br>W4OX                     | <b>2617</b><br>K4JJW<br>N5LZ<br>S52OT           | <b>2606</b><br>PE1L  | <b>2596</b><br>K8IU<br>WA3C                                |
| <b>2642</b><br>OE5FIN<br>SM0NJO<br>SP9RCL                 | <b>2628</b><br>IT9ELD<br>JN1GTG<br>K2SHZ<br>KF8UN<br>PY2XU | <b>2616</b><br>EA3BS<br>G3ZQH<br>K4WS<br>K9MM   | <b>2605</b><br>9A4W<br>JA4ITW  | <b>2595</b><br>JA3APU<br>W2YJ<br>W3GQ                      |
| <b>2641</b><br>K8TL<br>OE1WHC                             | <b>2627</b><br>G3WPH                                       | <b>2615</b><br>K6SIK<br>KG9N<br>PA1CW<br>SP5IWA | <b>2604</b><br>DK9KX<br>HB9TKS<br>JA1GHH<br>JA9CHJ<br>K0BBC<br>YB5QZ | <b>2594</b><br>IT9PKO<br>JA5FBZ                            |
| <b>2640</b><br>DL6ZXG<br>IV3RAV                           | <b>2626</b><br>IZ8VYU<br>WA1JMP                            | <b>2614</b><br>DL1DA<br>JA1WSX<br>N8LJ          |  | <b>2593</b><br>DL3OH<br>K1RO<br>K4XD                       |
| <b>2639</b><br>K9IR                                       | <b>2625</b><br>G3SVD<br>K2EP                               | <b>2613</b><br>KK9DX<br>N1NK<br>N1SV            | <b>2603</b><br>K4XI<br>N7IR<br>W8KEN                                 | <b>2592</b><br>JK1OPL<br>K5LJ                              |
| <b>2638</b><br>CX6VM<br>JA2CXF<br>N4TL<br>RW3XZ<br>SV3DCX | <b>2624</b><br>DF9ZW                                       |   | <b>2602</b><br>DL2KQ   | <b>2591</b><br>DL4SZB<br>JA1GRM<br>NX0I                    |



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| <b>2590</b><br>EA8JF<br>RW7M                                    | <b>2578</b><br>SP9UPH<br>W6NWS  | <b>2565</b><br>DL5XJ<br>F3SG<br>LA7GIA<br>N4QQ<br>WO2T                             | <b>2555</b><br>CT3HF<br>IK5RUN<br>JA1WPX<br>OZ1HX<br>SP6EQZ        | W9BF  |
| <b>2589</b><br>EA8AKN<br>JQ6RUP<br>JR1GJP<br>K1LD<br>RW0CF      | <b>2577</b><br>IK5BAF<br>IZ8DFO<br>JA1IOA<br>N7XR<br>PY2KP<br>VE3MWX<br>W1KSZ<br>WB8ZRL | <b>2564</b><br>ER3DX<br>I1JQJ<br>JA7BWT<br>J11LET<br>VE3CFK<br>W5BPT               | <b>2554</b><br>IT9DAA<br>JA3RQ<br>W3BW                             | <b>2544</b><br>HB9CEX<br>IZ5EKV   |
| <b>2588</b><br>N2TN<br>OE3SGU                                   | <b>2576</b><br>IK0HFO<br>JF6WTY<br>SV5DKL   | <b>2563</b><br>K7XB<br>UA6EX   | <b>2553</b><br>JJ1DWT<br>RW4C<br>W1YW                              | <b>2543</b><br>K6FW<br>K7ZA   |
| <b>2587</b><br>DK8MCT<br>EI9JF<br>JA7MA<br>WC5N<br>ZS1LS        | <b>2575</b><br>N3KK   | <b>2562</b><br>PY2NQ   | <b>2552</b><br>OE8HIK<br>W6RW                                      | <b>2542</b><br>W7LR   |
| <b>2586</b><br>CU2AP<br>N8OC                                    | <b>2573</b><br>SP8FNA   | <b>2561</b><br>AA4R<br>AA5AT<br>EA1EAU<br>G3KWK<br>JA1NWD<br>NN4R<br>W1YIF<br>W9OL | <b>2551</b><br>SP3SLA  | <b>2541</b><br>JF1KKV<br>W3DRY  |
| <b>2585</b><br>OM4EX<br>RK4FD                                   | <b>2572</b><br>KD0Q<br>SK0TM  | <b>2560</b><br>K3JT<br>KQ8M  | <b>2550</b><br>HL2WA<br>K1DT<br>W3OA                               | <b>2540</b><br>EI9FBB<br>KE4YD  |
| <b>2584</b><br>JA3ENN   | <b>2570</b><br>CT3MD<br>JA1CLW<br>OK2QA<br>RA1QY<br>W6PJ                                | <b>2559</b><br>JA1WSK<br>JA9AGN  | <b>2549</b><br>DL5CF<br>IK8GYS<br>PC3T<br>SK7AX<br>W6QUV           | <b>2539</b><br>RA3S   |
| <b>2583</b><br>WB5JID   | <b>2569</b><br>NN4SS<br>RU6L  | <b>2558</b><br>DL9MRF<br>JA1QOA<br>SM6BGG<br>WB9EEE<br>XE1KK                       | <b>2548</b><br>9K2OD<br>EA1AF<br>IW2FND<br>OH2ZZ<br>RC9F<br>SP1JRF | <b>2538</b><br>JA9FAI<br>SV1LK  |
| <b>2582</b><br>G3NDC<br>W7BEM                                   | <b>2568</b><br>IK5MDF<br>RD3AW  | <b>2557</b><br>DK3WW<br>JA8EJO<br>K0BJ<br>S55DX                                    | <b>2547</b><br>YV5JBI  | <b>2537</b><br>JF2WGN<br>UW8SM  |
| <b>2581</b><br>JE2EHP<br>K8YTO<br>W9YSX                         | <b>2567</b><br>DL5EBE<br>N4RWG<br>PY5CC<br>SV2BFN                                       | <b>2556</b><br>DL1KUR<br>PA5TT<br>W0VX   | <b>2546</b><br>IK5PWQ<br>SP6TRX<br>W7MO<br>WS9V                    | <b>2536</b><br>K0RS<br>K6EID<br>UN7LZ   |
| <b>2580</b><br>DK2GZ<br>JA1VSL                                  | <b>2566</b><br>JA2VMU<br>KM4H<br>NC9T<br>YO2RR  |  | <b>2545</b><br>DF9KF<br>EA3BT<br>UY5BC                             | <b>2535</b><br>AA6AA<br>LA2PA<br>WA6YEE                                       |
| <b>2579</b><br>I8JIT<br>JA2FGL<br>KG8P<br>KM1D<br>UA0SR<br>W9FR |   |  |  | <b>2534</b><br>DL2CHN<br>HB9CQK<br>HL3GOB<br>IV3GOW<br>JA9CWJ<br>N8PW<br>R8TX |

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| W3RJW  | <b>2521</b><br>KM4HI  | <b>2511</b><br>CT1FPQ<br>EV1R<br>JH3AIU<br>KR4F<br>W6TC                    | <b>2503</b><br>CT1EAV<br>DJ3AA<br>EA5CRC<br>K3NK<br>RN8W<br>SP8HKT<br>W1ZT<br>W2XI  | <b>2498</b><br>K4JAF   |
| <b>2531</b><br>JA1ELY<br>UA6YW                                     | <b>2520</b><br>IT9XTP<br>JA5BEN<br>RA4CA                                      |  |   | <b>2497</b><br>JA2XCR<br>JA7LMZ<br>RZ3FW<br>S51U                       |
| <b>2530</b><br>AA4SC<br>IZ5JMZ                                     | <b>2519</b><br>N4GN<br>RG5A<br>RZ6BS  | <b>2510</b><br>DK5AI<br>K7SP<br>LY1G<br>N4PY<br>VK3GA                      |   | <b>2496</b><br>JM2RUV<br>N6VR  |
| <b>2529</b><br>DF2GH<br>HK4SAN<br>K8QM<br>RA3WDK<br>UA1OMS         | <b>2518</b><br>JG3LGD<br>VK3HJ  | <b>2509</b><br>I2EOW<br>JH0INE<br>JR1BLX<br>NQ7R<br>US3LR<br>W4VIC         | <b>2502</b><br>G4IUF<br>JH1OAI<br>K2KA<br>KT8X<br>RV1CC<br>UN7JX<br>W4CK<br>W5ZG  | <b>2494</b><br>K2FU<br>W9XT  |
| <b>2528</b><br>AD6W<br>JM1CYJ<br>LA5YJ                             | <b>2517</b><br>RN3OG<br>W1OX<br>W7AL  |  |   | <b>2493</b><br>JH1QDB<br>K8ROX<br>N3RC<br>NW7E<br>W1BR<br>W2GG<br>WS6X |
| <b>2527</b><br>IZ4GWE<br>JA6BJV<br>K9JF                            | <b>2516</b><br>CT1CJJ<br>K4EM<br>K5WAF<br>WO7R<br>YV5NWG                      | <b>2508</b><br>HB9CXZ<br>K7GEX<br>OE8SPW                                   | <b>2501</b><br>EA3CJ<br>G0EHO<br>IZ3GOG<br>JA1TMG<br>K8OM<br>LA9VFA<br>W4WT<br>W5VY<br>W6JRY<br>WA9PIE  | <b>2492</b><br>JA1FGB<br>JA6TMU  |
| <b>2526</b><br>IK2OHG<br>JA1LSP                                    | <b>2515</b><br>K2NV<br>VA3LX<br>W0LS<br>WB8ZRV<br>WO2N                        | <b>2507</b><br>RU6M<br>SM6NOC<br>W6BJH                                     |   | <b>2491</b><br>WA3AFS  |
| <b>2525</b><br>I8SAT<br>JH1AGU<br>K2PK<br>KB1EFS                   | <b>2514</b><br>AE5E<br>G3TTJ<br>R9OK<br>R9SA<br>SV3FUP                        | <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>DK1WB<br>DL1HRN<br>EA5BRE<br>IZ7FLP<br>IZ8FWN<br>IZ8IEV<br>K1ZN<br>K2UR<br>K4MS<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>2513</b><br>9A2X<br>JE1PNX<br>WT8V   | <b>2505</b><br>DF2TT<br>JH7IAJ<br>JR4DSM<br>K2TE<br>K7EG<br>LA2QM<br>W1VT  |   | <b>2489</b><br>G3OAG<br>K6RO<br>K9SM<br>N9RD                           |
| <b>2523</b><br>G8DX<br>JH4HMG<br>UN7TW<br>W6ENZ<br>WA2BCK          | <b>2512</b><br>IK8EPC<br>JA0DET<br>JR2PMT<br>KI0KB<br>RV9CX<br>UA0CA<br>UT7UU | <b>2504</b><br>E72U<br>EU1KY<br>IK7XLU<br>K9MBQ<br>LU2NI                   |   | <b>2488</b><br>I0JBL<br>ON6AA  |
| <b>2522</b><br>K1HT<br>W8RLS                                       |   |  |   | <b>2487</b><br>N6RV  |
|  |   |  |   | <b>2486</b><br>S52RZ<br>W1AIM  |
|  |   |  | <b>2499</b><br>W1LW   | <b>2485</b><br>JR1DUP  |

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| <b>2484</b><br>EI2GLB<br>JA1FQI<br>JH0BQX    | <b>2469</b><br>CT1FCX<br>G4BUE                               | <b>2455</b><br>K9NR<br>N5MOA<br>N6PF                     | SM5CLE<br>W5PF                                      | <b>2425</b><br>DJ9RR<br>HB9AZZ<br>JA2FBC<br>JE6TSP<br>K3FRK<br>ZS6WB |
| <b>2483</b><br>K3XA<br>K8BL<br>LU3CQ<br>N1LN | <b>2468</b><br>IK5CBE<br>N6DX<br>OZ8SW                       | <b>2454</b><br>LA9VDA<br>N2JJ<br>OH6JD<br>SM5GMZ<br>W2OO | <b>2439</b><br>F3AT                                 | <b>2424</b><br>W2OIB<br>WQ3X   |
| <b>2482</b><br>JA7AUM<br>XE2CQ               | <b>2467</b><br>DL1TRK<br>W0GJ                                | <b>2453</b><br>JA8KSF<br>SV1GYG                          | <b>2438</b><br>DL9TJ                                | <b>2423</b><br>DL2VPO<br>JA2NDQ<br>W1EBI                             |
| <b>2481</b><br>IZ5RVG<br>JA2AH<br>JR6LLN     | <b>2466</b><br>CT3FT<br>KD3CQ<br>SV9COL                      | <b>2452</b><br>F5LVL<br>KD0PO<br>WB2REM                  | <b>2437</b><br>DS1JFY<br>W9OA                       | <b>2422</b><br>WL7E  |
| <b>2479</b><br>K4MK<br>W4RFZ                 | <b>2465</b><br>K5VWW   | <b>2451</b><br>KA2D<br>UA0BA                             | <b>2436</b><br>SP6A<br>W0AWL                        | <b>2421</b><br>AA8OY   |
| <b>2478</b><br>JH1SJM                        | <b>2464</b><br>IZ2AMW<br>JA1IXY<br>JA1VLK<br>OH8LXT<br>W6SZN | <b>2450</b><br>IK0LNN<br>IK4AUY<br>JF1IRW                | <b>2435</b><br>JH4GJR<br>K9ZM<br>N3CZ               | <b>2420</b><br>CT1APN<br>DF5AU<br>DJ5JH<br>GM3YOR<br>JA1JAT<br>VE6LB |
| <b>2477</b><br>JJ1SKG<br>SV1VS               | <b>2463</b><br>JA9NFO<br>K6KO                                | <b>2449</b><br>W7Yaq                                     | <b>2434</b><br>IT9CVO<br>JE8TGI<br>SM5CZK<br>WA9CVK | <b>2419</b><br>IK2EGL<br>JA1FNO                                      |
| <b>2476</b><br>9A4WY<br>DS5USH               | <b>2462</b><br>JA8BNP<br>K6EME<br>W8LGJ<br>WD9DZV            | <b>2448</b><br>JA1GHR<br>K3VAT<br>K7GM<br>WA6F           | <b>2433</b><br>DL6JZ                                | <b>2418</b><br>N9ISN<br>SV1IW  |
| <b>2475</b><br>OZ2PBS<br>ZL3JT               | <b>2459</b><br>K2AZ  | <b>2444</b><br>JK1GOK<br>S57AT                           | <b>2432</b><br>KI5BLU<br>OH2IS<br>ON4CAS            | <b>2417</b><br>JA6BEE  |
| <b>2474</b><br>JA4EPE<br>PY2VA               | <b>2458</b><br>EA1CP<br>JA1ADN<br>JF3LOP<br>JH1BZJ<br>N0KV   | <b>2443</b><br>G4DJX                                     | <b>2431</b><br>BA4RF<br>N7BT                        | <b>2416</b><br>IV3HYD<br>OE6VIE<br>RA3DNC<br>SV1ACK                  |
| <b>2473</b><br>DF3IS<br>LB2TB                | <b>2457</b><br>N5KM  | <b>2442</b><br>DL4CW                                     | <b>2430</b><br>AF4HX<br>KJ6P<br>KT1J                | <b>2415</b><br>WQ5W  |
| <b>2472</b><br>SP7TF                         | <b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                        | <b>2441</b><br>K5FUV<br>W5IF<br>W8MJ                     | <b>2429</b><br>N5KO                                 | <b>2414</b><br>I4ENO<br>JA0AOO<br>JI1NJC<br>KG6I                     |
| <b>2471</b><br>JA1HRQ                        |  | <b>2440</b><br>EA5AT<br>K5PS                             | <b>2427</b><br>IV3VBM<br>JH3GCN<br>LX2A             |  |
| <b>2470</b><br>IK0AGU<br>SV2DGH<br>WW3S      |  |  | <b>2426</b><br>EA3GHZ<br>N4GG<br>W9DC               |  |

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| <b>2413</b><br>KA8ZPE  | <b>2401</b><br>HA7UW<br>JI4WAO<br>N2NS                                    | <b>2387</b><br>HP2AT<br>N7TY                                | RN3RQ   | N8SNM<br>W1OPD   |
| <b>2412</b><br>9K2HN<br>A65BR<br>HB9BUN<br>I5OYY                                   | <b>2400</b><br>IZ2FOS<br>JA1ALT<br>LA0FA<br>NA5DX<br>W8WEJ                | <b>2386</b><br>HB9RYZ<br>JF1RYU<br>K4YMQ<br>W7FN            | <b>2373</b><br>JE1DXC<br>K7ZD<br>W2LE                     | <b>2359</b><br>F6ECI<br>K9YC<br>W4DC                               |
| <b>2411</b><br>SM4AZQ  |   | <b>2385</b><br>DL8LE<br>W2NO                                | <b>2372</b><br>IZ4DPV<br>K1NTR                            | <b>2358</b><br>WF4U  |
| <b>2410</b><br>I0YQV<br>IK4MSV<br>JA5SUD<br>KJ0M                                   | <b>2399</b><br>N5UL   | <b>2384</b><br>K7HP<br>K8YSE<br>KQ3F<br>W8UV                | <b>2371</b><br>HB9BAT<br>K8UT                             | <b>2357</b><br>KF7PG<br>UN9L                                       |
| <b>2409</b><br>HA5AO   | <b>2398</b><br>AA3B<br>DJ4GJ<br>DL2FAG<br>IK7EOT<br>K2SX<br>K9FN<br>W8MET | <b>2383</b><br>LU8EKC<br>RK3QY                              | <b>2370</b><br>DL2UH<br>IK6QOP<br>LA8HGA<br>N6TA<br>W6TMD | <b>2356</b><br>JR5JQA<br>K1KO<br>N1GC<br>N6QQ<br>US0YA             |
| <b>2408</b><br>KB1JZU  |   |   | <b>2368</b><br>JP1IOF<br>W1EQ                             | <b>2355</b><br>9K2NO<br>JA8FHM<br>JH7BKN<br>K8YC<br>N6UK<br>OH1ZK  |
| <b>2407</b><br>CT1DKS<br>ZL1BYZ  | <b>2397</b><br>IZ5BAM<br>JA1DOF<br>OK1DWC                                 | <b>2382</b><br>IK2OVC<br>PA7RA                              | <b>2367</b><br>F5PBM<br>HS1NGR                            |  |
| <b>2406</b><br>JE8CLT<br>K1LT<br>K1UU<br>N6HC<br>W2AY                              | <b>2396</b><br>HB9ICC<br>JH1BNC<br>PA3CSR                                 | <b>2381</b><br>JL2JVX<br>K8RRT<br>KJ9C                      | <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>AA7G   | <b>2380</b><br>EA1RT<br>JA4BXL<br>JA9GPG<br>K1ESE<br>ON4ATW | <b>2365</b><br>EA3NP<br>PY2MC                             | <b>2353</b><br>JR7FRW  |
| <b>2404</b><br>IK2VUC<br>JA4FHE<br>K1CA<br>K5KV<br>KS3F<br>PY2DS<br>SV9AHZ<br>WA0I | <b>2393</b><br>JR4LNG<br>W2GW   | <b>2378</b><br>F5IL<br>JA8JTH                               | <b>2364</b><br>AA8LL                                      | <b>2352</b><br>N1EN  |
| <b>2403</b><br>JG3SKK<br>R0FA  | <b>2392</b><br>N2WB<br>PA7TWO<br>W4HG                                     | <b>2377</b><br>HL4CJG<br>IZ4MJP<br>ZS2DL                    | <b>2363</b><br>K4ZO<br>N8BJQ<br>RA5BM<br>VE3VHB<br>W7ZJ   | <b>2351</b><br>OE5RLM<br>WD0DAN                                    |
| <b>2402</b><br>N9JV  | <b>2390</b><br>JA1TAA<br>K9RS   | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>NE3F                     | <b>2362</b><br>IZ8DBJ<br>JA7QFU<br>WA1S                   | <b>2350</b><br>DL3OI<br>IK2SGB<br>N6PSE<br>N7DC<br>VU2NKS<br>W9EWZ |
|  | <b>2389</b><br>JA1BPA<br>JK1TCV<br>SV1QN                                  | <b>2374</b><br>I2YDX<br>KA7T                                | <b>2360</b><br>N6MZ                                       | <b>2349</b><br>GM0AXY  |
|  | <b>2388</b><br>G3VPW  |   |   | <b>2348</b><br>DJ5JK<br>DL8SCG                                     |

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| JA2HYD<br>K7UA<br>LU4FPZ<br>N9CK                                      | <b>2337</b><br>JA2BQX<br>JH1LPF<br>K0GD<br>VE3CRG       | <b>2326</b><br>K4PB   | <b>2314</b><br>AI2N<br>K1ZZI                                       | <b>2302</b><br>I2VGW<br>JG4BLW<br>K4TEA<br>W2WG<br>WB8CQV                       |
| <b>2347</b><br>IW0HQE<br>IZ3ETU<br>PY2IQ<br>XE2X                      | <b>2336</b><br>EW4M<br>K0VXU<br>KQ4AV<br>W5GAI          | <b>2325</b><br>BH4QYX<br>JE2HCJ<br>JH8SLS   | <b>2313</b><br>JA7BVH  |   |
| <b>2346</b><br>G3NKC<br>JA9AA<br>KS0DX                                | <b>2335</b><br>DF7EE<br>JR8AMF                          | <b>2324</b><br>IK1SOW<br>JA2FSM<br>JL1XMN<br>N3UA<br>PZ5RA<br>VE6AX                 | <b>2312</b><br>JA6CBG  | <b>2301</b><br>JA2CEJ<br>JH0MXV<br>JP1NWZ<br>JR3UIC<br>N0RB<br>SM7IUN           |
| <b>2345</b><br>K7LJ<br>SM4CTI<br>WA2NPD                               | <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>R3ST<br>SM5CRV<br>WC5M    | <b>2300</b><br>4L1MA<br>CT1BWU<br>DL9FCY<br>IU0HDC<br>JA8NFV<br>OE5BWN<br>W7HPW |
| <b>2344</b><br>EA1AUS<br>JA7PL<br>RZ3DJ                               | <b>2333</b><br>HA0HW<br>N4HB<br>W0HBH                   | <b>2321</b><br>JA4ZA<br>WB7B  | <b>2310</b><br>AC0A<br>JA5BGA<br>OE2GEN                            |   |
| <b>2343</b><br>W0TT   | <b>2332</b><br>HA5VZ<br>K6UM<br>OZ1LCG<br>W7MEM         | <b>2320</b><br>HB9DHG<br>I8QJU<br>W6RS<br>W9BEA                                     | <b>2309</b><br>HB9BXE  | <b>2299</b><br>I5CRL  |
| <b>2342</b><br>DL8ZAW<br>IK8JVG<br>OH1JP<br>ON5UE                     | <b>2331</b><br>K0QC<br>KG9Z                             | <b>2319</b><br>9K2GS<br>JA7EPO<br>K7MTR<br>N4LR<br>NA5Q<br>UA3ECJ<br>W5FI<br>YO2CMI | <b>2308</b><br>IT9RYJ<br>JA7ZP<br>K4CMS<br>N4TJ<br>OH4UI<br>ZL2IFB | <b>2298</b><br>JA3BSL<br>W9OO   |
| <b>2341</b><br>OH2OT<br>SM2GCQ<br>VE3EK                               | <b>2330</b><br>9A1AD<br>IK2RPE<br>IW1QN<br>K1KA<br>W0GG | <b>2318</b><br>JE2RDO<br>S55SL  | <b>2307</b><br>DL6UAA<br>K8DV<br>KD9HL<br>LB6KC<br>SP3FAR          | <b>2297</b><br>SP6JIU<br>W3YY<br>W4MAY  |
| <b>2340</b><br>DK7YY  | <b>2329</b><br>DJ8ES                                    | <b>2317</b><br>K2XF<br>WF2S   | <b>2305</b><br>K3TN<br>K8CW<br>N0RN<br>W7AH                        | <b>2296</b><br>SV1FJP<br>WA0RVK   |
| <b>2339</b><br>JF2WXS<br>N5ZC<br>SM3DMP                               | <b>2328</b><br>JA3EOP<br>K1LI                           | <b>2316</b><br>HB9FMN<br>JH1IED<br>K0GY<br>W5GZ                                     | <b>2304</b><br>OK5TK<br>WB8K                                       | <b>2295</b><br>EW1BA  |
| <b>2338</b><br>FG5FR<br>JE1AEX<br>JH1CHU<br>K8AJS<br>OK1FED<br>SP3PLD | <b>2327</b><br>AB5A<br>N2LM<br>S52TJ<br>SM5ARL          | <b>2315</b><br>W8JRK  | <b>2303</b><br>JA9GLW<br>JH4ADK<br>K4XR<br>SM3LGO                  | <b>2294</b><br>N6HY<br>RU3ZX  |
|   |   |   |  | <b>2292</b><br>RZ3DW  |
|   |   |   |  | <b>2291</b><br>JH1RGG<br>K2TWI<br>SP3XR   |
|   |   |   |  | <b>2290</b><br>7K1PTT   |

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| AA8CH<br>HL2IFR<br>JA7CVL<br>W7CA                        | <b>2275</b><br>JA4VLK<br>N5BO                            | UR5FEO<br>W1OW<br>W5ZPA                                   | <b>2252</b><br>K5DHY<br>N4JQQ<br>RN9N                        | OH1TX<br>UA1ACG   |
| <b>2289</b><br>AB5EB<br>N9AW                             | <b>2273</b><br>K0AZ<br>K8BN<br>N7NG<br>VU2PTT<br>W4UCK   | <b>2263</b><br>JK1BSM<br>ZL4TT<br>ZS1A                    | <b>2251</b><br>N4TV<br>W5ZO                                  | <b>2240</b><br>9A2TN<br>JH2IEE<br>K4MM                    |
| <b>2288</b><br>IZ4AIK<br>PY2RO                           | <b>2272</b><br>KE1F<br>N4XP                              | <b>2262</b><br>OK1DH<br>WA4JQS                            | <b>2250</b><br>DL1SP<br>EA8BYR<br>IZ2DLV<br>JE2JMV<br>JH1XUM | <b>2239</b><br>JA0DWY<br>KE6FV<br>W4ABW                   |
| <b>2287</b><br>HB9BOI<br>K0VSH<br>K5JC<br>PA0ZH<br>VE3YF | <b>2271</b><br>K9RR<br>W0SZ<br>W8LRO<br>WA3F             | <b>2261</b><br>F9XL<br>IZ8EEL                             | <b>2249</b><br>AB5C<br>JH1VUO<br>KE9L<br>N2VW<br>WP4EJH      | <b>2238</b><br>JA1CMD                                     |
| <b>2284</b><br>HK3X<br>JA1PTJ<br>OE2KHM                  | <b>2270</b><br>EA3XP<br>IZ8FDH<br>KG2KJ<br>UA4AZ<br>W5WT | <b>2260</b><br>G3UHU<br>IZ8EDJ<br>N9UA<br>W5PJR<br>XE1MEX | <b>2248</b><br>JF0CSK  | <b>2236</b><br>AB0CT<br>K2FW<br>S51NM                     |
| <b>2283</b><br>AA8R<br>JA4FM                             | <b>2269</b><br>JA2IYJ<br>JH0GHZ<br>OH1NDA<br>W9JA        | <b>2259</b><br>UA6FJ<br>UT3UZ                             | <b>2247</b><br>HL2CFY<br>K4HMB<br>W8CZN                      | <b>2235</b><br>I0OSI<br>IK6BSN<br>JH1IAQ<br>K5JZ<br>K6SRZ |
| <b>2282</b><br>AB0X<br>IZ8GGF<br>JA1BOQ<br>K5KPE         | <b>2268</b><br>K3SEW<br>K9OW                             | <b>2258</b><br>CT3KN<br>DF2NS<br>K6DT                     | <b>2246</b><br>PY7RP<br>W8UN                                 | <b>2233</b><br>SM7NDX                                     |
| <b>2281</b><br>I1NVU                                     | <b>2267</b><br>9A5N<br>IZ1GLT<br>WS7L<br>YO9FNP          | <b>2257</b><br>IK2SND<br>JH4FEB<br>K8NKQ<br>LA6UL         | <b>2245</b><br>EA1JO<br>FG8OJ<br>JO4CFV                      | <b>2232</b><br>9M6YBG                                     |
| <b>2279</b><br>KA1ERL<br>W5SL                            | <b>2266</b><br>OH6NIO                                    | <b>2256</b><br>KA4RRU                                     | <b>2244</b><br>BA7IO<br>VO1HP                                | <b>2231</b><br>DL4DZL<br>JA0VSH<br>JF2VAX<br>R9SG         |
| <b>2278</b><br>K4WNW<br>K6YRA<br>N9RC<br>VU2CPL          | <b>2265</b><br>4X6ZK<br>IK0DWN<br>K0TPP<br>WS5W          | <b>2255</b><br>EA7SG<br>JA4HAW<br>JH1BAM<br>K9GA          | <b>2243</b><br>K0LUZ<br>K8NK<br>NK0S                         | <b>2230</b><br>JH3FUK<br>K9MIE<br>KJ6NZ<br>PA0JSE<br>WT4Q |
| <b>2277</b><br>DL1WM<br>IK1PMR                           | <b>2264</b><br>EA3AKY<br>N4MHQ<br>UR3EO                  | <b>2254</b><br>W3IP<br>W9PZT<br>YB1UUN<br>YL2KF           | <b>2242</b><br>JA3KGF<br>NY2NY                               | <b>2229</b><br>K2TK<br>N4JT<br>SM3CBR<br>W5DNT            |
| <b>2276</b><br>HL3DE<br>KA8SYV<br>RU1AB<br>RU3SD         |  | <b>2253</b><br>JH1DGG<br>W1YRC                            | <b>2241</b><br>N4EFS<br>NA2M<br>NF1G                         | <b>2228</b><br>JA0EIJ<br>JE1GWO                           |

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| <b>2227</b><br>HI8R<br>JA2KNW<br>JG5RVQ<br>K2EQ             | <b>2217</b><br>K4RG<br>W0HT<br>W3MR<br>WX1S                           | <b>2206</b><br>JN3SAC<br>K7TM<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>2226</b><br>K7BTW<br>NA9RB<br>VE7BV<br>W9FI              | <b>2215</b><br>KA2MGE<br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH<br>W9DX | <b>2205</b><br>JA0UH<br>JA8FFM<br>W9HBH                          |   | <b>2184</b><br>JA2JRG<br>W4BUW                                      |
| <b>2225</b><br>IW1FGY<br>W8IQ<br>XE1RBV                     | <b>2214</b><br>JA1DM<br>K4FJ<br>RN1ON<br>SM5SWA<br>W8OP               | <b>2204</b><br>AB4SF<br>K6ZZ<br>N4HID<br>WA4CEM                  | <b>2194</b><br>K5PI<br>N2WKS<br>NE9U<br>WB3JFS<br>Z31RQ                   | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC                            |
| <b>2224</b><br>AB1OC<br>CU3EQ<br>K1IT<br>KD6UO<br>N2DPF     | <b>2213</b><br>JA8EOT<br>K1YR<br>W3RW                                 | <b>2203</b><br>G0VXE<br>JA0GCI<br>ZL4AS                          | <b>2193</b><br>JA0EKI<br>K2RD<br>N5DD                                     | <b>2182</b><br>JA0CGJ<br>JH1SOD                                     |
| <b>2223</b><br>SM3PZG                                       | <b>2212</b><br>N4RF   | <b>2202</b><br>EA3EQT<br>I5MXX<br>JA8JO<br>UA0FO                 | <b>2192</b><br>N3BNA  | <b>2181</b><br>IV3TMM<br>W6SL                                       |
| <b>2222</b><br>AA1AC<br>IK8UHA<br>IW0HOU<br>JK3GHE<br>UN3GX | <b>2211</b><br>UX5UO<br>W8IW  | <b>2201</b><br>G3TQZ<br>HI3T<br>JA6OXT<br>K6MI<br>RM3DA<br>RU0SN | <b>2191</b><br>EA6EE<br>EA8TH<br>IK2DZN                                   | <b>2180</b><br>IV3TDM<br>JA8BAR<br>JR1NHD<br>PY1KN<br>RW3QM<br>W5RQ |
| <b>2221</b><br>JA2DXD<br>JA3XNH<br>K9OT                     | <b>2210</b><br>JH1APK<br>NF1O<br>VE1JBC<br>W5JAY                      | <b>2200</b><br>CT1AGS<br>W2YR<br>W8KL<br>W9YE<br>WE9V            | <b>2190</b><br>JG1OGM<br>JH1OBS<br>K1EFI<br>N4SC<br>W2TB                  | <b>2179</b><br>DK0UB<br>IV3YIB<br>JA0PE<br>JF1LMB<br>WA1PMA         |
| <b>2220</b><br>EA9IE<br>JA9IFF<br>OZ7FOC                    | <b>2209</b><br>DL1SVI<br>KM3T<br>KX2A<br>N8MR<br>UN7ECA<br>W6RFL      | <b>2199</b><br>WB8B  | <b>2189</b><br>AI6Z<br>IK1ADH<br>N4AL<br>N8NN                             | <b>2178</b><br>JA1KPH<br>K1GE                                       |
| <b>2219</b><br>DJ5EJ<br>JA8UIV<br>K4VIG<br>KH2L<br>NW4V     | <b>2208</b><br>DM5BB<br>IK3SWB<br>KI4DLS<br>W9JJB<br>WA1FCN           | <b>2198</b><br>JH4DYP  | <b>2188</b><br>N4ZH<br>RD3A   | <b>2177</b><br>EA4EER<br>N3EN<br>N6PE<br>NW6S                       |
| <b>2218</b><br>EU1U<br>JA8DKJ<br>JH4CBM<br>W6DR             | <b>2207</b><br>I5KG   | <b>2197</b><br>AC9EM<br>SM5CBM                                   | <b>2187</b><br>IK4IYC<br>JR1MLU<br>RW4CY<br>W5VQ<br>W8BBQ<br>W8MHW        | <b>2176</b><br>DJ2SL<br>JA3OOK<br>K4ZIN<br>W5DAW                    |
|   |   | <b>2196</b><br>W2FV  | <b>2186</b><br>OZ4VW<br>ZS2EZ   | <b>2175</b><br>JA4DHN<br>JK1UNZ<br>K1NJ                             |

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| <b>2174</b><br>K5TT<br>W2OR                            | S59ZZ<br>W7AV   | <b>2152</b><br>UA3O<br>W6IGK  | K4NA<br>W9RC  | K7UT<br>W3TN   |
| <b>2173</b><br>G0DBE<br>K2AU<br>LU5FF<br>OE2SCM        | <b>2161</b><br>AA5JF<br>G3KMQ<br>JF1RPZ<br>JH1WJR                                 | <b>2151</b><br>I5MPN<br>N4QWF<br>N7IP<br>SP1MWK<br>WA8MCD             | <b>2142</b><br>CT3DL<br>G3UAS<br>K8KWT<br>KK1W<br>WV4TN | <b>2131</b><br>K1RV<br>LA6OP<br>RN3CT<br>W7QDM             |
| <b>2172</b><br>HC1BI<br>KK0M<br>W3XY                   | <b>2160</b><br>HS0ZEE<br>I5REA<br>IK1CJO<br>IK4HPU<br>JN7DOS<br>K1PL              | <b>2150</b><br>JR1WCT<br>KU4XO<br>N4UFO<br>SM5FWW<br>SM7GIB<br>YB0COU | <b>2141</b><br>DL2AYK<br>DL9RCF<br>N1RK<br>N6IE         | <b>2130</b><br>EA8AXT<br>IK0OPS<br>K0DEW<br>PA1H<br>W6YOO  |
| <b>2171</b><br>UT3UY                                   | <b>2159</b><br>K1NY<br>N1RJ<br>VK3NX  | <b>2149</b><br>4O3A<br>AA4FL<br>JA5NPV<br>JA8ZO<br>RW9QA              | <b>2140</b><br>CT4GO<br>DL2HYH                          | <b>2129</b><br>JE2UFF<br>N2AJ<br>WB6EWM<br>XE1H            |
| <b>2170</b><br>JH1VHU<br>SV3AQR                        | <b>2158</b><br>JF3PNQ<br>K4RO<br>SM4OLL   | <b>2148</b><br>CT1GPQ<br>DL7UPN<br>JA3LDH<br>K4YYL<br>K5GH            | <b>2139</b><br>JF0JYR<br>K8BZ<br>W3FI                   | <b>2128</b><br>IW0GBU<br>KE9I<br>OZ1IKY<br>RW4PU<br>UN6P   |
| <b>2169</b><br>JA3MF<br>SP1DSZ                         | <b>2157</b><br>DL5XAT<br>K0KG<br>W6CYX  | <b>2147</b><br>JH8SIT<br>N3QE   | <b>2138</b><br>JR6IKD                                   | <b>2127</b><br>HB9AAL<br>JH1ACA<br>OZ5HP<br>W3ABT<br>W9VNE |
| <b>2168</b><br>F5UJK<br>UT4EK                          | <b>2156</b><br>N5PHT<br>NT5V<br>TA1CM   | <b>2146</b><br>EA5RD<br>EA8MT   | <b>2137</b><br>K5FZ<br>NZ3O                             | <b>2126</b><br>IK7YZG<br>K7ACZ<br>W0QQ                     |
| <b>2167</b><br>DL1NKS<br>IK6HRB<br>JA2KVB<br>S57XX     | <b>2155</b><br>JJ1BMB<br>WA5LFD   | <b>2145</b><br>DF5WA<br>EC1A<br>RQ3A<br>RU6FZ                         | <b>2136</b><br>G3IFB<br>IZ7AUH<br>K7LV<br>N1IX          | <b>2125</b><br>4F2KWT<br>IV3XNF<br>JH3SIF                  |
| <b>2166</b><br>LA2XPA<br>W2RQ                          | <b>2154</b><br>JA3BXF<br>JG3FEA<br>SP3V   | <b>2144</b><br>DK2OY<br>IZ0NRG<br>N4UOZ<br>W4IS                       | <b>2135</b><br>JA7BEW<br>K4NNX<br>KR6C                  | <b>2124</b><br>JA0LXP<br>OZ5NJ<br>W4GIW                    |
| <b>2165</b><br>I0MWI<br>JH3FHQ<br>N4PJ<br>N5ET<br>S54A | <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                             | <b>2134</b><br>N6KZ<br>N7UN<br>WB5TUF                   | <b>2123</b><br>HL2KV<br>JR7GBL<br>KZ8Y<br>VK3BDX           |
| <b>2164</b><br>KT8Y<br>S55ZZ                           |   |   | <b>2133</b><br>AJ4A<br>RA3LO<br>W6UC                    |  |
| <b>2163</b><br>N2WLG<br>UA1AIR                         |   |   | <b>2132</b><br>HB9EFK<br>JA1MZL<br>JR1UFN               |  |
| <b>2162</b><br>RZ0AF                                   |   |   |   |  |



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| <b>2122</b><br>K1ZE<br>LA5SJA   | SM7BHH<br>W4SK<br>WB3LHD   | <b>2105</b><br>DS5ACV<br>DS5TOS<br>SM5ENX   | <b>2094</b><br>IK2CHZ<br>KL0S<br>SV1FJF                        | <b>2081</b><br>NA4EA   |
| <b>2121</b><br>A65CA<br>IK2ILH<br>K3SX<br>W8JV  | <b>2113</b><br>JA1OVF<br>JH2XQY  | <b>2104</b><br>DM5GG<br>JA3KNN<br>W2CG  | <b>2093</b><br>VE3ZZ   | <b>2080</b><br>JH1ORA<br>KC6X<br>N0AH<br>W5LE<br>W5QM                              |
| <b>2120</b><br>HL3AMO<br>JA1WTI<br>LA4PM<br>SP8FB<br>W1WC<br>W2/CT1GIF<br>W6RKC                 | <b>2112</b><br>4Z5LX<br>AE0P<br>DK9HN<br>UN2E  | <b>2103</b><br>JK1ODA<br>WA9YYY   | <b>2092</b><br>JA6GPR<br>N5AQ<br>R1MA<br>ZL2AL                 | <b>2079</b><br>JA1GVM<br>K8AV<br>KN4KL<br>LA9GX<br>N1IW<br>N2SQW<br>N5TJ<br>PA0GMM |
| <b>2119</b><br>JA7XBG<br>JA8LRG<br>WI8R<br>YO3FRI   | <b>2110</b><br>F2NH<br>HB9CRV<br>JA8XQI<br>JH1UBK<br>JJ2WOC<br>JK1AJX<br>K0DD<br>RA1OD   | <b>2102</b><br>DM2RM<br>JE2VLG  | <b>2091</b><br>EB3CW<br>G4XRV<br>NE6I<br>W1TO<br>W2ZI<br>W4RDX | <b>2078</b><br>K4KAY<br>K9DR<br>N8EHW  |
| <b>2118</b><br>JR6SVM<br>OM5FM<br>R3QW  | <b>2109</b><br>CT1BWW<br>HB9MEJ<br>JA2QXP<br>UN7FW                                       | <b>2101</b><br>EA6AJ<br>HB9JOE<br>JA3VPA<br>JH7DFZ<br>K1DC<br>K7KB<br>WA3OFR<br>YL2TW | <b>2090</b><br>KM6HB   | <b>2077</b><br>XE1J  |
| <b>2117</b><br>ER5DX<br>G0FUV<br>IW3GJF<br>K1SM<br>LB5WB<br>OM8FR                               | <b>2108</b><br>9K2GR<br>E21EIC<br>JA1AML<br>JA1EMQ<br>JA1OVD<br>JA3NHL<br>JA3WLN<br>KW4V | <b>2100</b><br>DS3HWS<br>N4IQ<br>VE3NI  | <b>2089</b><br>IK0XEZ<br>KV1J<br>SM0MPV                        | <b>2076</b><br>OZ0J  |
| <b>2116</b><br>F6DBX<br>JA3QOS<br>JE8LWZ<br>K3OX<br>KF2DT<br>SM7HCW<br>W5WTX<br>W8GNM<br>WB2GAI | <b>2107</b><br>EA3DW<br>G4DJJ<br>K3PU  | <b>2099</b><br>EA8RR<br>WA1SXX  | <b>2088</b><br>K3EA  | <b>2075</b><br>JA8DSO<br>KI4GE<br>RA3FH<br>SP9WZS                                  |
| <b>2115</b><br>DL3KZA<br>EA1KY  | <b>2106</b><br>JE3GUG<br>KD4S<br>KX4TT<br>VE2BR  | <b>2098</b><br>EI8IU<br>KI1U  | <b>2087</b><br>JA1CJO<br>JH1DGJ<br>KF0LA<br>W1SRD              | <b>2074</b><br>DL8PG<br>IU8FRE<br>JA4FCV   |
| <b>2114</b><br>IZ5NFD<br>JA2VHO<br>KA2NDX   |  | <b>2097</b><br>IZ5MOQ<br>SV1MO  | <b>2086</b><br>KS4S  | <b>2073</b><br>DJ0MCH<br>K9RT<br>ND4V<br>W9MJ                                      |
|   |  | <b>2096</b><br>CT1FUH<br>F5NBX<br>HA1DAE<br>JA1QWT<br>W2JLK<br>W5WP                   | <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>2095</b><br>K1UI<br>KE4UW<br>ON4RU   | <b>2084</b><br>JH0NEC  | <b>2071</b><br>K2HAT   |
|   |  |   | <b>2082</b><br>JM1GHT<br>N7DED<br>OH7TV<br>SV1CQN<br>YO3ND     |  |

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| KF6HI<br>PA0INA<br>W0CP<br>W3GG  | JL3LSF<br>N0IJ<br>N6PEQ<br>WD8PKF                                | K8NS<br>NT2A<br>SP5ES  | UN3G<br>VE3KI   | <b>2029</b><br>N4IG<br>SV1HEP   |
| <b>2070</b><br>N0ABA<br>ND5S   | <b>2058</b><br>IK2PZC<br>JA1FJJ<br>W1ZK                          | <b>2047</b><br>IZ0BVU<br>JL2PQV<br>JP7EIP<br>K2AJY<br>K9OR                             | <b>2038</b><br>JH3GFA<br>JJ6DGP<br>KK2M<br>WA5IPS   | <b>2028</b><br>DJ0UT<br>JE1VTZ<br>K8KS<br>KD2T<br>NA2AA<br>SM5AOG<br>WQ6Q |
| <b>2068</b><br>K2SN<br>KK4OK<br>N4NW<br>R3LA                           | <b>2057</b><br>K5DC<br>OH3NDH<br>PY2FN<br>W0TM                   | <b>2046</b><br>EC1AIJ<br>F5INJ<br>ND4X   | <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>2067</b><br>JA1NCZ<br>K2AX<br>NK4L                                  | <b>2056</b><br>RN3D  | <b>2045</b><br>IK6OIN<br>JA1WVO<br>RK2FWA  | <b>2036</b><br>WA3I   |   |
| <b>2066</b><br>E70T<br>N3KN<br>W6KK                                    | <b>2055</b><br>F5BOY<br>JF4EQJ<br>PY2WC                          | <b>2043</b><br>HB9G<br>IK0UTM<br>JH6WDG<br>K1FEV<br>K2UFM<br>K6MKF<br>K9TF<br>NA9A     | <b>2035</b><br>AA4VV<br>JA7KE<br>KM1C<br>N9SF<br>YB2DX  | <b>2026</b><br>9A5F<br>RT5A<br>XE2D                                       |
| <b>2065</b><br>G3LUW<br>JH8GEU<br>JL1ARF<br>K4ST                       | <b>2054</b><br>DS4AOW<br>OH3OJ                                   |  | <b>2034</b><br>AA3LX  | <b>2025</b><br>EA5OX<br>JH6DUL<br>JL2KEQ<br>S52D<br>WD8ANZ                |
| <b>2064</b><br>DL3BRE<br>EA3NY<br>JH9DRL<br>N4JR                       | <b>2052</b><br>HL2EIZ<br>K5TA<br>OM7CA<br>RA3TT                  | <b>2042</b><br>IK5BOH/2<br>K1RI<br>KA6BIM<br>NE0U                                      | <b>2033</b><br>JA1XPQ<br>V51B   | <b>2024</b><br>N1JP<br>RT0F<br>UR5ECW                                     |
| <b>2063</b><br>W7HR  | <b>2051</b><br>JA2MNB<br>LA7XK<br>W8FIB<br>WV6E                  | <b>2041</b><br>AB4UF<br>IK0OER<br>IT9GSF<br>JN3TRK<br>SP6AXW<br>SV9GPV<br>W4GE<br>W7SX | <b>2032</b><br>HB9DOT<br>IK2RZP<br>IK5PWN<br>JA1AFR<br>JF2DND<br>KI6CG<br>LZ2HN<br>W2KA<br>W7VY<br>WA2USA<br>WB0O<br>WE4S | <b>2023</b><br>JR1EYB   |
| <b>2062</b><br>DH0GSU  |  |  |   | <b>2022</b><br>JA0KJE<br>JR3REX<br>K3BR<br>SV2HXX<br>UA3FF                |
| <b>2061</b><br>AA4NC<br>W1AO   | <b>2050</b><br>AC9S<br>JM1HJG<br>K4JLD<br>W8JH<br>WB8FSV<br>WE1P |  |   | <b>2021</b><br>JH4RUF<br>M0CSD  |
| <b>2060</b><br>7M4AOE<br>CS8ABF<br>G8AJM<br>JF1LZQ<br>JR1IZM<br>PA0TCA | <b>2049</b><br>IK8VRH<br>JH2PWY                                  | <b>2040</b><br>JA1DDZ<br>JL1OXH<br>K1DJ<br>LA7WCA<br>N7QT<br>W8MK                      | <b>2031</b><br>K5NZ<br>SV8CKM<br>W7IV   | <b>2020</b><br>CU3AA<br>K9SG  |
| <b>2059</b><br>JH1BSJ  | <b>2048</b><br>I5JFG   | <b>2039</b><br>DK9CG   | <b>2030</b><br>N6PAT<br>UA6AUA<br>VE3JV   | <b>2019</b><br>JA2MOG<br>JI6IHG   |

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| K1JIU<br>SM5BMB<br>W1ITU   | WB3D   | K5FNQ<br>KD8RQE<br>NJ3K<br>SV3FUO<br>VE4EAR<br>W3FOX   | <b>1998</b><br>AC4TO<br>HA5BSW<br>K6NR<br>KN6KI<br>RX4HW<br>W4RBO          | JA1JPM<br>K6MM                                    |
| <b>2018</b><br>K6IPM<br>ON7TK<br>SA0AQT<br>W3ICM                           | <b>2009</b><br>9A4SS<br>AF5CC<br>N1EVK<br>R3DG<br>SP5APW                                       | <b>2001</b><br>BH4IGO<br>DL6OCM<br>JE4NAN<br>K2BLA<br>N9TF<br>N9XX<br>VR2XMT<br>W0YVA<br>YO4DW   | <b>1997</b><br>AF2C<br>NA2U<br>W2NRA                                       | <b>1984</b><br>JI1CQA<br>JR7MAZ<br>N2FF<br>NG7M   |
| <b>2017</b><br>KB2FCV<br>N4OA  | <b>2008</b><br>JA7HRM<br>LZ2XF<br>ZS1J   | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1996</b><br>GW3SFC<br>OH1NPW<br>WC6DX                                   | <b>1983</b><br>DF2PI<br>JA0RCK                    |
| <b>2016</b><br>JA0LFV<br>K4KGG<br>RU9UC<br>W1OP                            | <b>2007</b><br>DK3UA<br>KV1E<br>N6OJ<br>VA3MO  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1995</b><br>IK1IYU<br>JA1SKE  | <b>1982</b><br>DL1RWN<br>JA1SGU                   |
| <b>2015</b><br>DK3GG<br>IU0LFQ<br>K9MMS<br>RK7T<br>VE3UZ<br>W8LMG<br>YB1AR | <b>2006</b><br>DG7RO<br>DM3AZ<br>HI3Y<br>IK2ANI<br>JA3EJG<br>KB4MRX<br>W0JM                    | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1994</b><br>PA3GRM  | <b>1981</b><br>G4XEE                              |
| <b>2014</b><br>EA3EQS<br>IZ1DFG<br>K2AT<br>N7TT                            | <b>2005</b><br>DK5RL<br>JH1NYN<br>NU1O<br>SM6CKU<br>WA6JA                                      | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1993</b><br>K5SM  | <b>1980</b><br>AA0MZ<br>IZ4DIW                    |
| <b>2013</b><br>G0MTN<br>JT1BV<br>RA3QUA<br>SQ7NSN                          | <b>2004</b><br>DM1TT<br>EA1DLU<br>RA3ANL<br>SP3QYQ<br>W4SO                                     | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1991</b><br>HA5GN<br>IZ2EWR<br>K2QPN                                    | <b>1979</b><br>AA9GR<br>I8LWL<br>IK7FPV<br>SV2DCD |
| <b>2012</b><br>JE0VJV<br>VE3MV   | <b>2003</b><br>F1RAF<br>IU8HEP<br>KE3D<br>NA5Z<br>OH3NHF<br>UA4PCM<br>W4ZYT<br>WB4YDL<br>YO7NE | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1990</b><br>N6MB<br>NH6T/W4<br>OP4K                                     | <b>1978</b><br>IZ8EJB<br>NY9H                     |
| <b>2011</b><br>4Z5SG<br>JA3FHL<br>K3VN                                     | <b>2002</b><br>JA6IVR<br>JF2OZH  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1989</b><br>OM3IM   | <b>1977</b><br>WA0ROI                             |
| <b>2010</b><br>JH6EJG<br>K2BB<br>K6BV<br>LU6ETB<br>RA3BL<br>W3BJ           |  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1987</b><br>TZ4AM<br>W5THT<br>WC4H                                      | <b>1976</b><br>DL5OCE<br>JJ2RCJ<br>KY6R           |
|  |  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1986</b><br>F1ICS<br>F5VHQ<br>JH1FSB<br>K1ACL<br>N1UK<br>SV1FKZ<br>W0SR | <b>1975</b><br>DH2PC<br>JO1LVZ<br>K5QX            |
|  |  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX | <b>1985</b><br>HB9CIC  | <b>1974</b><br>K8FC                               |
|  |  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX |  | <b>1973</b><br>DL2NOM<br>JA4XH<br>WS1L            |
|  |  | <b>2000</b><br>AD8RL<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>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>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>YB2TX |  | <b>1972</b><br>AB4I                               |

|  |  |   |  |   |
|--|--|---|--|---|
| DL3JPN   | <b>1959</b><br>JR6CSY<br>K9JN<br>NO4J<br>SM0DSF<br>SM5CAK            | <b>1949</b><br>G3LDI<br>JA1XRA<br>W4DAO           | <b>1937</b><br>GM4FDM<br>K4MF  | <b>1926</b><br>AH0U<br>IK2DUW<br>JM1VRW<br>RD3BD<br>UA3FX<br>W3SB |
| <b>1971</b><br>K2SY<br>KB9DAK  |  | <b>1948</b><br>CT1DOF<br>YV5OIE                   | <b>1936</b><br>K2RU  |   |
| <b>1970</b><br>JA1QXC  | <b>1958</b><br>KE8UM<br>N5TW   | <b>1947</b><br>DL6LIM<br>DL6XK<br>DS5DNO<br>N4ENE | <b>1935</b><br>N1KC  | <b>1925</b><br>W1NA<br>W9IL                                       |
| <b>1969</b><br>SM4DDS  | <b>1957</b><br>IT9RTA<br>N2RJ<br>NY3C                                |   | <b>1934</b><br>9A9CW<br>DK4TP<br>I2AOX<br>NA6L                             | <b>1923</b><br>IZ1JMN   |
| <b>1968</b><br>JR1VAY<br>K6TAR<br>OZ4AAL                                 | <b>1956</b><br>AA6RR<br>JF6XQJ<br>N1QY<br>SP5MXZ<br>SV8BHN<br>WA1YTW | <b>1946</b><br>DF9PG<br>K5WBM<br>W7YA             | <b>1933</b><br>CU3AK<br>CU3AN<br>JH8UQJ<br>JN1NBU<br>KK4OW<br>N7WS<br>WN6K | <b>1922</b><br>DL4RCK<br>JE2PCY<br>LY3UM<br>N9KW                  |
| <b>1967</b><br>AA9RR<br>JH1EDD<br>JM1TWR<br>N4QWZ                        |  | <b>1945</b><br>DJ8NT<br>JA0CIU                    |  | <b>1921</b><br>JA2KSP   |
| <b>1965</b><br>IU8FRF<br>JA3HBC<br>KA1J<br>KB9VF<br>N6NO<br>N7WO<br>NP4G | <b>1955</b><br>K3FM<br>SP6EIY<br>W1CSM                               | <b>1944</b><br>NE8Z                               | <b>1932</b><br>AG1A<br>JA4QAD<br>K9GWH<br>N3VA                             | <b>1920</b><br>JA8OW<br>K9AW                                      |
| <b>1964</b><br>DJ7ZG<br>EI3IO<br>N9ZI                                    | <b>1954</b><br>DM2TO<br>IS0AFM<br>K8VC<br>K9WX<br>KK9H<br>N4CQ       | <b>1943</b><br>W7NN<br>W8TE                       | <b>1931</b><br>JF1IXE<br>WA9GON  | <b>1919</b><br>DJ9WH<br>HB9DQV<br>N7ZO<br>NR9J                    |
| <b>1963</b><br>I8DVJ<br>JA1BNW<br>OZ1LWT<br>W9SN<br>WB8ART               | <b>1953</b><br>K2BX<br>K4WZ<br>N3KV                                  | <b>1942</b><br>CU3EJ<br>G4NXG<br>UA4SKW<br>W2CVW  | <b>1930</b><br>HL4GAV<br>IK8CNT  | <b>1918</b><br>N6NU   |
| <b>1962</b><br>HA5CW<br>WC3W   | <b>1952</b><br>W2NK  | <b>1941</b><br>ND8L<br>ON4ANN<br>W3ACO            | <b>1929</b><br>DL7UVO<br>JA1OND<br>JA7FWR<br>K3STX<br>RL3AA                | <b>1917</b><br>7J1ADJ<br>DJ3AS<br>HL5BMX                          |
| <b>1961</b><br>DK1WU<br>K5RJ<br>K9ALP<br>OE3KLU                          | <b>1951</b><br>IZ0BTV<br>W5GA  | <b>1940</b><br>JE1HRC<br>JM1SZY<br>K4WES<br>K4YJ  | <b>1928</b><br>K6MW<br>N5WA<br>N6RK<br>W5KK                                | <b>1916</b><br>AD5MN<br>IV3AZZ<br>JH7CUO<br>W8HMK                 |
| <b>1960</b><br>JA1CFZ<br>K5CD  | <b>1950</b><br>JA2FCZ<br>K4OY<br>N1ZZ<br>N5UW<br>WA4DOU              | <b>1939</b><br>AC6DX<br>JH8NBJ<br>UA9CGL          | <b>1927</b><br>EW1P<br>JE1OHL  | <b>1915</b><br>6K5YIA<br>JH1ERJ<br>W2WC<br>W5RF                   |
|  |  | <b>1938</b><br>KE1VT<br>NA2P                      |  | <b>1914</b><br>W5GO   |

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|--|---|--|--|--|
| <b>1913</b><br>IV3IXN  | IU2ANW<br>JA4KDT<br>JQ1ALQ  | LA9TY<br>W6AER   | K9UQN<br>N2NW<br>RA4WE<br>YO2KHK                                   | <b>1868</b><br>DF2UA<br>G3SBP<br>JA8AZN<br>N6AX<br>SV1OZ<br>UA1ORK                 |
| <b>1912</b><br>DL2RTL<br>F6HLC<br>HB9KNY<br>JA2ITK<br>W8FN                 | <b>1901</b><br>F5JSD<br>JP1HDK<br>S58J                                      | <b>1890</b><br>W8QID                                       | <b>1877</b><br>EA7QW<br>N4HN<br>W0FS<br>WV2I<br>YO3JF              | <b>1867</b><br>JH8KFE<br>N3ND<br>RA4P<br>RO1B                                      |
| <b>1911</b><br>JH1RFM<br>UT7KF   | <b>1900</b><br>FG4NO<br>JA7BSD<br>JH2VVH<br>JH7IMX<br>PT7ZT<br>W1AW<br>W5KI | <b>1889</b><br>IK6GRT<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>1910</b><br>NC4RB   | <b>1899</b><br>N4TOL<br>WB2BIN  | <b>1888</b><br>IV3ARJ<br>MM0BQN<br>W4YCH                   | <b>1875</b><br>IZ8AJU<br>WV9L                                      | <b>1865</b><br>AK5X<br>K3PT<br>SK3BG<br>SP6IEQ<br>W0FK                             |
| <b>1909</b><br>EA1KP<br>NU1B   | <b>1898</b><br>DL8OH<br>G4FKA<br>PY5IP<br>UN1L                              | <b>1887</b><br>DF6TC<br>JA0KJD<br>K9DT<br>KM3J             | <b>1874</b><br>DF3EC<br>JA7VEI<br>K6IPV<br>WB6JJJ                  | <b>1864</b><br>MU0FAL<br>N0ODK<br>NV4B<br>WQ5R                                     |
| <b>1908</b><br>K5YCM<br>KD4W<br>KL7HBK<br>SP5TT                            | <b>1897</b><br>GU0SUP<br>JL3MCM<br>KI4WCQ<br>KW4MM<br>YO2DFA                | <b>1886</b><br>WB2WPM                                      | <b>1873</b><br>IT9ODQ<br>WA4VA                                     | <b>1863</b><br>JA1PAH<br>WO9S  |
| <b>1907</b><br>DL4NBE<br>DL5MHQ  | <b>1896</b><br>JA2EWE<br>WB5AAA   | <b>1885</b><br>DK6OR                                       | <b>1872</b><br>AC4VM<br>JG1DUZ<br>K9SE<br>SM6CLU                   | <b>1862</b><br>DJ5IO<br>JA1GUC<br>K2CIB<br>W2CDO                                   |
| <b>1906</b><br>IK7WPC<br>JA1HOM<br>K1BZ<br>KQ4EE<br>N3KS<br>OE1SZW<br>W2YK | <b>1895</b><br>DF1ZN<br>SP6AEG<br>W0PSY                                     | <b>1884</b><br>IZ8EEI<br>KZ9DX<br>US1CT                    | <b>1871</b><br>DL9IU<br>K4EU<br>W9VG                               | <b>1861</b><br>JK1VXE<br>N1AC<br>VE3YV   |
| <b>1905</b><br>JA6JEW<br>OH5LLR<br>SM1TDE                                  | <b>1894</b><br>JA0AXV<br>K5OA<br>W4HZ                                       | <b>1883</b><br>IW0BYL<br>W2PA                              | <b>1870</b><br>DF1KG<br>I1YDT<br>I8OCA<br>KU8X<br>N6QI<br>SM5FQQ   | <b>1860</b><br>DL5KUA<br>SP7ICE  |
| <b>1904</b><br>DL1DAW<br>K5TN<br>K8EAB<br>YO4AUL                           | <b>1893</b><br>K4JKB  | <b>1882</b><br>EA5RU<br>JA3MVI<br>J11WLL<br>JS6TWW<br>NU4Y | <b>1869</b><br>JA0MRW<br>JH0EQN<br>JJ1TKN<br>N6ZN<br>RU1AO<br>WK7E |  |
| <b>1903</b><br>KZ1W<br>NQ3A  | <b>1892</b><br>K8QKY  | <b>1880</b><br>N9JR<br>VE7TK<br>WB2KSK<br>WX0B             |  |  |
| <b>1902</b><br>AK5Q  | <b>1891</b><br>K6XN   | <b>1879</b><br>DL3LBM<br>RD9M                              |  |  |
|  |   | <b>1878</b><br>K5AB<br>K5KG<br>K9AU                        |  |  |

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|--|---|---|--|---|
| <b>1859</b><br>IK5FKE<br>KF7F<br>W5JMW                                   | <b>1850</b><br>DL4FAP<br>DL6KO<br>I0LYO<br>IT9AAI<br>JA2KTP<br>JA7JPZ<br>N3XM | <b>1839</b><br>DJ8OG<br>W1KDA                         | <b>1828</b><br>JA1QIW<br>K3NF  | WA4BIM  |
| <b>1858</b><br>EU1M<br>GI4DOH<br>I4JBJ<br>ND3L<br>NL7S<br>SP3F<br>SV8DOU | <b>1849</b><br>IZ8MBW<br>JA4CZM<br>ZS6NJ                                      | <b>1838</b><br>DJ1TO<br>EI7CC<br>JA1DOT<br>N9YB       | <b>1827</b><br>HB9DDM<br>JG1SWM<br>N1IA<br>UA9FFV<br>WW5G            | <b>1816</b><br>G3WW<br>S52FW  |
| <b>1857</b><br>AA4U<br>EA5B<br>JH1OGT<br>PA0JNH<br>W7WZ                  | <b>1848</b><br>JE6HGL   | <b>1837</b><br>CX2CC<br>EI2JD<br>HB9IIO<br>LY9Y       | <b>1826</b><br>K5OT<br>YO3DDZ  | <b>1815</b><br>IW0BCF<br>W1PX<br>W3KB<br>WD4OIN                     |
| <b>1856</b><br>AA6PW<br>K4EA   | <b>1847</b><br>AJ8MH<br>VE1OP<br>W1WLW<br>WB4QOC                              | <b>1836</b><br>G3YQA<br>K0SD<br>N3OC<br>WA6SCW        | <b>1824</b><br>DL1HBT<br>DL7APK<br>IK0EFR<br>JJ1KZZ<br>W4DEE<br>W8OM | <b>1814</b><br>4X4MF<br>AA9LC<br>HB9FBG<br>LB2HG                    |
| <b>1855</b><br>I0GOD<br>I4JEE<br>JT1CO<br>K4XU<br>K5CWR<br>PY2GM         | <b>1846</b><br>JA2XW<br>W4PNY   | <b>1835</b><br>JA6HQT<br>PY2GG<br>W0ZD<br>WC4X        | <b>1823</b><br>LZ2ZG<br>NI5F<br>SQ9OH<br>WY1G                        | <b>1813</b><br>EA8DIB<br>JI1LAT<br>K4JWA<br>KB6CIO<br>VK6LC<br>WC7Q |
| <b>1854</b><br>5B4XF<br>KJ7TEA<br>W1EG<br>WA5POK                         | <b>1845</b><br>WD8NVN<br>WY6N   | <b>1834</b><br>AG5W<br>N6MXU<br>W6WF                  | <b>1822</b><br>HL2ZN<br>WB0TVY<br>WC2K                               | <b>1812</b><br>K3MSB<br>W7CD  |
| <b>1853</b><br>K3WWT<br>N2ZZ<br>N7MQ<br>W2RIJ                            | <b>1844</b><br>N8SHZ  | <b>1833</b><br>K5ZQ<br>LU8ADX<br>W5DM<br>W7IB<br>W8CD | <b>1821</b><br>K3GT<br>YV5LI   | <b>1811</b><br>IZ3BJK<br>N8NA<br>OH2RI                              |
| <b>1852</b><br>JA4EVN  | <b>1843</b><br>KK4CB<br>N1MD  | <b>1832</b><br>JA1XEL<br>JF7ELG                       | <b>1820</b><br>DL1TS<br>JA3EY<br>K8ZM<br>W1DYJ                       | <b>1810</b><br>DL1DWT<br>NM5Z<br>NU7J<br>VA7CRZ                     |
| <b>1851</b><br>JA1UTZ<br>JA7GYP<br>K2TER<br>N6GP<br>NS4P<br>WA4QMQ       | <b>1842</b><br>HB9FMT<br>NE9Z<br>VA7ZT  | <b>1831</b><br>KD5QHV<br>N9PGG<br>SM3PHM<br>VK3FM     | <b>1819</b><br>AA4DD<br>K5UZ<br>WB0N                                 | <b>1809</b><br>VK5GR  |
|  | <b>1841</b><br>AB2E<br>NA9Q<br>W0DD<br>W8ZF<br>WB2AQC                         | <b>1830</b><br>DL8FBD<br>IT9BLB<br>K0OK               | <b>1818</b><br>7K1CPT<br>K0THN<br>K3AJ<br>YO9BXE                     | <b>1808</b><br>EA2AFV<br>JH9AUB<br>N3RW<br>W0MU<br>WB2NPY<br>YL2CA  |
|  | <b>1840</b><br>EI6IZ<br>K2MP<br>N8AYY<br>W0KCJ<br>W5UE                        | <b>1829</b><br>KD1F                                   | <b>1817</b><br>N2ZA  | <b>1807</b><br>JA9ESZ   |
|  |   |   |  | <b>1806</b><br>JR6IQI   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| PA0MBD      | WC4B        | K7NK        | <b>1777</b> | W1SLF       |
| <b>1805</b> | <b>1794</b> | K9QFR       | EA5AR       | <b>1766</b> |
| CT1BXX      | I2YWR       | R5DU        | JA7DYJ      | JG1HVC      |
| JH7WQX      | IK3ITX      | W2DXE       | JA7MAD      | LZ1MS       |
| W6BK        | PA0VLY      | W3UM        | <b>1776</b> | N2KX        |
| <b>1804</b> | SM0BYD      | <b>1784</b> | JR4LZX      | N5QS        |
| K2RET       | <b>1793</b> | EA5DFV      | SP3AU       | SP5ELW      |
| OZ1HPS      | G4ZOY       | I2TZK       | W8GEX       | TF3DC       |
| <b>1803</b> | G7VJR       | JA1IAZ      | <b>1775</b> | W6DX        |
| VE6KC       | JA0EVI      | JJ2ONH      | BA4TB       | <b>1765</b> |
| <b>1802</b> | <b>1792</b> | JM1LPN      | I8YAV       | K7XC        |
| JH7QLR      | DL3EA       | LA8AW       | WA2UBK      | <b>1764</b> |
| JH7VTE      | JH4RLY      | W3MF        | <b>1774</b> | DS5RNM      |
| K2MK        | JR6GIM      | <b>1783</b> | JH1FVE      | HB9ZS       |
| KE5PO       | <b>1791</b> | IZ0CBB      | <b>1773</b> | UR4IOR      |
| <b>1801</b> | JA2OLJ      | JA8IUB      | AJ7G        | UW7UA       |
| IK0WRB      | W3DM        | K4SX        | JH1XEF      | VA7RY       |
| K1XV        | <b>1790</b> | R9MJ        | K0EEO       | <b>1763</b> |
| N5PR        | IZ0GYP      | UN7JID      | K4WY        | IK4THK      |
| <b>1800</b> | JJ3CJP      | <b>1782</b> | OZ7DN       | W9ZJ        |
| K3GGN       | SV8RX       | SM0XBI      | PY2SEX      | <b>1762</b> |
| VE3YXO      | W9CSX       | W1UK        | <b>1772</b> | AB4GE       |
| <b>1799</b> | <b>1789</b> | W3TI        | K9PG        | JH2AJY      |
| JE1IBI      | IK2ZJN      | <b>1781</b> | UW2ZO       | N1API       |
| K0MD        | JJ3BFC      | DL1FKA      | W8NGA       | S53MJ       |
| K7GS        | <b>1788</b> | JP7FSO      | WA0SXV      | TI5CDA      |
| W9MO        | HB9TOC      | K1DW        | WB4GLI      | <b>1761</b> |
| <b>1798</b> | JA3HBF      | W6TK        | <b>1771</b> | HB9BOU      |
| DL7KL       | JA4SSM      | <b>1780</b> | K3SV        | RX3APM      |
| GW4BKG      | JG6NGS      | EA2AAZ      | N7BD        | <b>1760</b> |
| K1IFJ       | K0ARS       | IV3KCB      | ZL3RJ       | DK0EE       |
| KC5LK       | K4WM        | JA1PPW      | <b>1770</b> | HB9TMW      |
| KE8KMX      | KD8F        | JA7FAS      | EA4DL       | JR1EFG      |
| KF9UG       | KT2C        | K0GW        | JA1UII      | <b>1759</b> |
| N7ELL       | LA1U        | N2GZ        | R3CR        | JA0NZR      |
| S59DKR      | N5FF        | N4PYI       | SM5YOC      | <b>1758</b> |
| <b>1797</b> | <b>1787</b> | W6OD        | <b>1769</b> | KE4S        |
| KH6M        | KM7R        | <b>1779</b> | KE4KY       | SM5GLC      |
| <b>1796</b> | ON8GT       | JA6GIJ      | WC7N        | <b>1757</b> |
| K2IXQ       | <b>1786</b> | K5AV        | XE1VIC      | JH4JLV      |
| <b>1795</b> | AA7XT       | <b>1778</b> | <b>1768</b> | JJ2FBG      |
| JR1DQK      | G4AFJ       | HB9AWS      | K7LAZ       | JS1NDM      |
| K5ZD        | N2CG        | JF1WLK      | NE1F        | SV1NJW      |
| KA9OKH      | <b>1785</b> | JG1LBN      | <b>1767</b> | <b>1756</b> |
| RC3FL       | JJ8PDC      | JH1ILX      | K0QQ        | F6KOP       |
| SV3ICK      | JJ1CZR      | JR3QHJ      | KV4AA       | G4FAL       |
|             | JL1BYZ      | K6UFO       | VE3VC       |             |
|             |             | S50B        |             |             |

|  |  |   |   |   |
|--|--|---|---|---|
| JP1LRT<br>K5CR<br>NE9R<br>YL3DQ                                    | J12KUJ<br>K8KI<br>K8SL<br>KL7TC<br>RX6DX   | N7MB<br>N7UVH   | <b>1727</b><br>IK7YTT<br>JA1KXT<br>JE4CIL<br>K4AR<br>K4QE<br>KR8T<br>N7HN | NX2X<br>WA6TLA  |
| <b>1754</b><br>VK2CA<br>W8RV                                       | <b>1743</b><br>K0HD<br>K1RH<br>WA5NFC<br>WB5NHL  | <b>1735</b><br>JA5DBE<br>K7FL<br>KW9U<br>RN9CM<br>RU6K<br>W3FJ            | <b>1726</b><br>DL9GTB<br>IK3DVY<br>K1OT<br>K4VNY                          | <b>1717</b><br>JF1KMC<br>K8ZZU<br>SP7CVW<br>SV1GRE                          |
| <b>1753</b><br>RD8X  | <b>1742</b><br>DL7JRD<br>K5ALQ   | <b>1734</b><br>5B4ALJ<br>JE0ART<br>JE2KSM<br>JJ1QUV                       | <b>1725</b><br>JH1FNU<br>N6EE<br>V31MA                                    | <b>1716</b><br>9A1CKH<br>DK1EI<br>K7WE<br>N3RD<br>NO9E                      |
| <b>1752</b><br>AL7R<br>JF2HPA<br>N7GR<br>N8HRZ<br>W3NS             | <b>1741</b><br>JA6AVT<br>KW4CQ<br>N0UN   | <b>1733</b><br>JQ2QHQ<br>N6WM   | <b>1724</b><br>F5JY<br>JA3CSZ<br>VE3SKX<br>YB1TJ<br>YO3AIS                | <b>1715</b><br>JG3WCZ<br>K2CYE<br>KK5OQ<br>N1CGP<br>N4TD<br>OZ8X            |
| <b>1751</b><br>KR0P<br>LA5XGA                                      | <b>1740</b><br>CT2GLO<br>DK5QK<br>DL8SDC<br>K3NQ<br>N1KDO<br>N5EPA<br>RC2A<br>VK7CW<br>W3HKK<br>WC0W | <b>1732</b><br>DL8TV<br>IK1UGX<br>IK6EIW<br>JA5JUG<br>KA1DJ<br>N4DWK      | <b>1723</b><br>DL9OBY<br>JA8EIA   | <b>1714</b><br>DL5CL<br>JA1VRU<br>JR0PJR<br>K8JE<br>LB7ZG<br>N7KO<br>OE5TXF |
| <b>1750</b><br>AL7TC<br>JH6PFY<br>N9AOL<br>W3US<br>W4CCS<br>W8NN   | <b>1739</b><br>AD6ZJ<br>CT1IZW<br>EA3WL<br>K1ZJA<br>K4EB<br>K6RG<br>OE1ALW<br>UN1O                   | <b>1731</b><br>JA9NUN<br>KR4W<br>N2RR<br>SM5BS<br>W6WA<br>W9GXR<br>WA9JWL | <b>1722</b><br>IK2GPQ<br>JA3UNA<br>KG8CW<br>M0IKW<br>N1WQ                 | <b>1713</b><br>HA7LW<br>ZS6UT   |
| <b>1749</b><br>K2JL<br>N1NU<br>N6BM                                | <b>1738</b><br>F5RQQ<br>N0STL<br>N3MK<br>N4GU<br>NA6O  | <b>1730</b><br>AA4LR<br>AG7N<br>JA6JNF<br>JE3EDJ<br>K5TIA<br>WX6V         | <b>1721</b><br>DM3ZF<br>EA2J<br>W0PR                                      | <b>1712</b><br>K8SIA  |
| <b>1748</b><br>DF7AP<br>DL5NO<br>DM2HK<br>JG4NNS<br>OZ1ACB<br>RM6B | <b>1737</b><br>DL9EO<br>K1DX<br>W3ML   | <b>1729</b><br>DK4PE<br>I7PXV<br>LA2GH<br>XE1FAS<br>XE1L                  | <b>1720</b><br>HK3PJ<br>KK0DX<br>N4XYZ                                    | <b>1711</b><br>W1KMA  |
| <b>1747</b><br>JA1ETN  | <b>1736</b><br>KB1HY   | <b>1728</b><br>AA4M<br>OH1HB<br>PB2A                                      | <b>1719</b><br>AE4CW<br>G0BBB<br>W6SFK<br>WA2MBP                          | <b>1710</b><br>EU4A<br>JE1HPM<br>JG3KCX<br>KG4CUY<br>KS0M<br>NJ7G<br>W4GP   |
| <b>1746</b><br>SM2DMU<br>W1EL                                      |  |   | <b>1718</b><br>K6CF<br>ND3F   | <b>1709</b><br>JA7BME<br>JE2EBT   |
| <b>1745</b><br>SM5ELV  |  |   |   |   |
| <b>1744</b><br>EA4DEI<br>IZ1JLG                                    |  |   |   |   |



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|---|--|---|---|--|
| <b>1708</b><br>HL2VA<br>IT9ZZO<br>JA1SHE<br>JA4IXI<br>JH1SBE<br>N8VV<br>W5UHQ       | <b>1699</b><br>CT2IUK<br>WA6G  | NS3L<br>NX8Y<br>W8BLA   | WR2K  | NU4I<br>WT3Q   |
| <b>1707</b><br>AB2RF<br>K9RE<br>SM5CSS  | <b>1698</b><br>HL4CCM<br>K5PC<br>KF7NN<br>W8SAX                                    | <b>1690</b><br>DJ6NI<br>W6RFF   | <b>1681</b><br>JA1JYE<br>JA3AVO<br>JJ0NSL<br>K9MUF<br>N5PG<br>OK1DX<br>RL3AW<br>W4UEF<br>WB6L<br>WF1H<br>YO3FGO | <b>1672</b><br>G3YBO<br>K4WW<br>W1FA<br>ZL1HD  |
| <b>1706</b><br>AC6HY<br>IK4DKO<br>JA4MMO<br>PA3BWD<br>W9BP                          | <b>1697</b><br>9A1R<br>AD5WB<br>JH1IZR<br>KF2TI<br>KK9T<br>WA4MIT                  | <b>1689</b><br>K9ARZ<br>N3NR<br>W2PP<br>W4GMY                                     |   | <b>1671</b><br>AC0X<br>W7QHE   |
| <b>1705</b><br>K7GQ<br>WY0V   | <b>1696</b><br>HB0WR<br>IZ5YHD<br>N4AOE<br>NA6MG<br>RA0R<br>W9GG                   | <b>1688</b><br>AA0ZP<br>K5MT<br>VU2DCC  | <b>1680</b><br>W1MR   | <b>1670</b><br>N4BAF   |
| <b>1704</b><br>HB9CQL<br>JL1GYZ<br>KF4ZZ<br>N7FU<br>SP5JXK<br>W7FP                  | <b>1695</b><br>JA1FUI<br>JH3HGH<br>KF4VTT<br>LX1DA                                 | <b>1687</b><br>EC6AAE<br>JA7NLW<br>KU5B<br>N2LQ<br>N3TR<br>R6FFB<br>W6FL<br>W6GRV | <b>1679</b><br>7L1CYC<br>JA4IYL<br>JK7LXU<br>K9SO<br>N4FN<br>W3UL   | <b>1669</b><br>JH2AQI  |
| <b>1703</b><br>HK4L<br>NA2X<br>W9ROG  | <b>1694</b><br>4X6GP<br>K4KEW<br>UA1ANA  | <b>1686</b><br>AC5AA<br>AG3V<br>F6DAM<br>JA1NRH<br>K6LRN<br>LZ2HM<br>NA4M         | <b>1678</b><br>9K2BM  | <b>1668</b><br>7K3QPL<br>HA5LQ<br>HB9BNQ<br>K2DC<br>NE3H<br>VA7KO<br>W5HD<br>W8NJR<br>WA1ZIC |
| <b>1702</b><br>JG3HBO<br>JH1MFN<br>JH5HDA<br>JK1SQI<br>KM9E                         | <b>1693</b><br>EI9FVB<br>K4AV<br>R1QA<br>W2GS                                      | <b>1685</b><br>K3XO<br>KE0A<br>VK6OZ<br>W1OG                                      | <b>1677</b><br>DG5LAC<br>DJ3XG<br>EA7BJ<br>KM4NS  | <b>1667</b><br>4X6UU<br>AE5B<br>EC5A<br>K9GS<br>W9RXJ<br>WW8W                                |
| <b>1701</b><br>CT3CD  | <b>1692</b><br>4X1SK<br>BV1EK<br>CT1ELF<br>JA3KZV<br>K0KP<br>W0AD<br>W1UE<br>W4LIA | <b>1684</b><br>N9LJX<br>W8UQ  | <b>1676</b><br>JE1PHH<br>K2RR<br>PA9M<br>VE1VOX   | <b>1666</b><br>EA4UV<br>F5CT<br>JA1TD<br>JR2PZX<br>K7AWB<br>OH2LHE                           |
| <b>1700</b><br>IZ5FSA<br>JA0ED<br>KE5TD<br>N9DR<br>NA4MM<br>NK7C<br>VR2MY<br>WB2RAJ | <b>1691</b><br>K5TR<br>KE5FXE<br>N6KK  | <b>1683</b><br>VE7SZ<br>W1JA<br>W4JVN<br>WA2UUK                                   | <b>1675</b><br>AH2O<br>IV3AVQ<br>WX2U   | <b>1665</b><br>JF3LGC<br>JR4CZM<br>K3MD<br>SM2EJE<br>UA0SC<br>WA4MME                         |
|   |  | <b>1682</b><br>AG4Q<br>K4MIJ  | <b>1674</b><br>JA1BNL<br>KB1W<br>ON6YH<br>VU2LBW<br>W1JQ  | <b>1664</b><br>AD3C<br>IK1MEG  |
|   |  |   | <b>1673</b><br>EA7DUD<br>HB9DQL<br>N8PCN  |  |

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|--|---|---|---|--|
| WE2N   | <b>1653</b><br>K8ZT/QRP<br>SE2T   | <b>1643</b><br>HB9HIT<br>K4FX<br>KO6KD<br>PY2DV                     | RA6AAW<br>RW9SG<br>VE3IQ<br>W7JW                                    | <b>1624</b><br>HB9DVO<br>HB9DVZ<br>JJ1PFC<br>JR1WYW<br>K5HK<br>K8YE<br>N8WRL<br>TF4M<br>UA9CNX<br>WA5NOM |
| <b>1663</b><br>GW4TSG<br>IK0XIH<br>JI1MNT<br>K8AO          | <b>1652</b><br>GM3WIL<br>K3WI<br>KC6JAM<br>KU4BP<br>N4FY<br>N4ZR<br>VA2IG<br>ZS2Y | <b>1642</b><br>DL1EK<br>K2QB<br>KU2C<br>W1HEO                       | <b>1632</b><br>AA3TH<br>K4GO<br>KN7Y<br>N4NR<br>S51MA<br>WF4G       |  |
| <b>1662</b><br>DL6UNF<br>JR0EQQ<br>N8NB                    |   | <b>1641</b><br>DJ7JC<br>JA4HXF<br>K3WGR                             | <b>1631</b><br>K6UNE<br>K7CMR<br>PT7DX<br>SM5BNK<br>SP5UAF          | <b>1623</b><br>IK2QEI<br>K1AJ<br>K5IB<br>W1OK<br>W7CP  |
| <b>1661</b><br>K7FEL<br>KF2T<br>RL2A<br>WA7BNG             | <b>1651</b><br>N7VPN  | <b>1640</b><br>K6XM<br>N4XMX<br>WA3FRP                              |   |  |
| <b>1660</b><br>AD4AA<br>IZ6CST<br>LA4WJ<br>ZP5YW           | <b>1649</b><br>K3LR<br>N5PA   | <b>1639</b><br>I5XFD<br>JH2GZY<br>JQ1YIW<br>W0JMP                   | <b>1630</b><br>JR1CAD<br>K7HC<br>W5BK                               | <b>1622</b><br>AA8SW<br>EA3ELW<br>KF4NEF<br>NW7M   |
| <b>1659</b><br>AA6RE<br>AJ8B<br>JA1PBV<br>JA4GXS           | <b>1648</b><br>JA6BZA<br>K9EXY<br>N5MT  | <b>1638</b><br>JA1NLX<br>KR4BD<br>LU1FAM<br>N9TK                    | <b>1629</b><br>DL7UIO<br>JH2BNL<br>KW3W<br>OT1A                     | <b>1621</b><br>K2SD<br>W6CUA<br>WB4VAM   |
| <b>1658</b><br>DL2JIM<br>VE1JS<br>VR2KW                    | <b>1647</b><br>DL4UCS<br>JA5QAH<br>YV5KTM   |   | <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>WB4DNL                             |
| <b>1657</b><br>SM6AOU                                      | <b>1646</b><br>HL1AV<br>IZ5EBL<br>N0AMI<br>N0YY<br>YO3VU                          | <b>1637</b><br>DK3BK<br>JA9RT<br>NA3F                               |   |  |
| <b>1656</b><br>DK3QM<br>F5BEG<br>N2CQ<br>W0KEU             | <b>1645</b><br>GM0VRP<br>I2EAY<br>IK4HLO<br>R7HF<br>R9JX<br>W9MR                  | <b>1636</b><br>RN6AJ  | <b>1627</b><br>EA4EPY<br>HA2NA<br>IW9HII<br>N8AGU<br>W0ZS<br>WA4NUF | <b>1619</b><br>DL5AVJ<br>I4JED<br>JH7IQQ<br>ND7J<br>NZ5O<br>W0SD   |
| <b>1655</b><br>GW4MVA<br>JA1HSF<br>NF3R<br>UA3AKI<br>W0BBI | <b>1644</b><br>EA4DB<br>EA5HM<br>JL1WQO<br>JR7ILA<br>KG5UZ<br>VE3MM<br>W0BM       | <b>1635</b><br>AA4A<br>JA1DCK<br>YP3A                               |   |  |
| <b>1654</b><br>JE7RJS<br>RN3OA<br>SM4CTT                   |   | <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                       | <b>1618</b><br>AD4Z<br>KE6V<br>KF4MH<br>UA0FDX<br>W5LO<br>W8WVM<br>YO9CEB                                |
|  |   | <b>1633</b><br>KI6X   | <b>1625</b><br>RV4LC<br>VR2CH<br>W3OOU                              |  |

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|---|---|--|--|---|
| <b>1617</b><br>JG3KLF<br>JR0QFA<br>JR7XOD<br>K0CF<br>KC2SST<br>KM8AM<br>OZ3SM<br>WB2HJV | WP3R<br><br><b>1609</b><br>JA1CCO<br>ON6KE<br>WJ2R<br><br><b>1608</b><br>AA4FU<br>EA5K<br>I0KDF<br>JA2CUS<br>R3IS<br>W5ZE<br><br><b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAZ<br>WB6BFG<br><br><b>1606</b><br>K3KY<br>W7VS<br><br><b>1605</b><br>V51YJ<br>WA9BZW<br>WF5E<br><br><b>1604</b><br>JF1MTV<br>KC8RP<br>N9IO<br>PY6HD<br>W6ZQ<br>WB5STU<br><br><b>1603</b><br>K6KZM<br>W5NUT<br>WT2P<br><br><b>1602</b><br>K0COM<br>K1FT<br>K1LEC<br>K3VAR<br>K4OCE<br>NO0B<br>NY4I<br>VR2XYL<br><br><b>1601</b><br>KY9KYO<br>SP4K | WI7P<br>YL2TD<br><br><b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>VU2CDP<br>W4QK<br>W6BCQ<br>WA1EHK<br><br><b>1599</b><br>7M2PDT<br>KO8SCA<br>W0QC<br><br><b>1598</b><br>CT1ELC<br>IV3FFI<br>IZ0ADG<br>KB5UNX<br>KI8L<br>N4XX<br>W7TUS<br><br><b>1597</b><br>I8MTQ<br>K3IE<br>W5RYA<br>XE2MX<br><br><b>1596</b><br>N8DUY<br>N9JCS<br>W6KGP<br>YO9FQT<br><br><b>1595</b><br>DK5HZ<br>WA6EZV<br><br><b>1594</b><br>E74A<br>JJ6WZS<br>KD0AA<br>KN4PPD<br>NU2Q<br>SK0QO<br><br><b>1593</b><br>HB9AAA<br>JA3EEM<br>K3GW<br>W1ASB | <b>1592</b><br>DL5RDI<br>KU2A<br>VE7CV<br>VR2XLN<br><br><b>1591</b><br>JF1WQC<br>UT5URW<br>W5VU<br><br><b>1590</b><br>JR3TOE<br>K4KL<br>SM5HJZ<br>W8MIL<br>WB7QXU<br><br><b>1589</b><br>AA3AZ<br>F6FYD<br>IZ4AIB<br>JA2HNP<br>KE9U<br>KZ7N<br>NK7Z<br><br><b>1588</b><br>DL7UGO<br>ER0FEO<br>FM5CD<br>KE3X<br>N3ZOM<br>N9MR<br><br><b>1587</b><br>JG1OWV<br>JG3RWX<br>KF2OG<br>NU4E<br>RO7T<br>VE1HQ<br><br><b>1586</b><br>IZ8EKL<br>JE7ETY<br>JR1JGA<br>K4GK<br>KK9M<br>SV8LMQ<br>VE6SH<br>W7TSQ<br><br><b>1585</b><br>JF3SFU<br>K9QJ<br>KE4SCY | KN4JX<br>KW4J<br>W8PI<br>WD8KND<br><br><b>1584</b><br>I1PLX<br>JR0AMD<br>N6WT<br><br><b>1583</b><br>JH3KAI<br>K4WFM<br>KJ5PQ<br>KL7TS<br>N6DHZ<br><br><b>1582</b><br>F4GVO<br>JK1WSH<br>LU2BA<br>N0KK<br>NZ6E<br>PT7YV<br>W4UFO<br>Z32ZM<br><br><b>1581</b><br>JR4VMS<br>KJ9X<br>LZ3CB<br>WF8R<br>XE2YWH<br><br><b>1580</b><br>F5LIW<br>JH8OCV<br>OE6CLD<br>WA6POZ<br><br><b>1579</b><br>JF1AGB<br>NA1DX<br>NP3CW<br>W9BS<br><br><b>1578</b><br>AA4UC<br>DL6GBM<br>JH1AQN<br>K4QD<br>K7LY<br>ZS1DX<br><br><b>1577</b><br>JA4ICR<br>JL1ELQ |
|---|---|--|--|---|

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| K2ZD<br>K8DE<br>W6HDX<br>WS9W<br>YV5AM   | <b>1568</b><br>DL6DQW<br>JA0CVC<br>LA2IR<br>W3OU<br>YO3GOD                         | <b>1559</b><br>JG1LFR<br>N0OK<br>ON4ACG  | ZL3TE  | JL3OUW   |
| <b>1576</b><br>JA8ECS<br>K7CU<br>N1LID<br>W5WI   | <b>1567</b><br>DK5JI<br>F6DHI<br>IS0MVE  | <b>1558</b><br>KI4TZ<br>N6VS<br>N8IL   | <b>1551</b><br>IK1ZOF<br>JA0NPQ<br>JA6GXP<br>KD4POJ<br>LU4FW<br>RD9U   | <b>1544</b><br>7L4VYK<br>IZ6ERS<br>JA2ACI<br>JF1OSL<br>JR3VMJ<br>KC4HW<br>N6NR |
| <b>1575</b><br>DD3KF<br>JA1NQU<br>K0PC<br>K7LFY<br>UR4CWQ                                | <b>1566</b><br>E77S<br>IK8YFU<br>JL6USD<br>N4MI                                    | <b>1557</b><br>7M4CLF<br>OE3JAG<br>VK3KE<br>W1JGS<br>YV5KAJ  | <b>1550</b><br>G8BCG<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>1574</b><br>AB0RX<br>JA1XUY<br>NM9P<br>PT2ADM<br>RU3A<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ | <b>1565</b><br>JR3XUH<br>KE1B<br>W0FG  | <b>1556</b><br>JJ2KDZ<br>KK8MM<br>N7TM<br>R3DL<br>RA3M<br>WJ3A                                     | <b>1549</b><br>AC6BW<br>DL3NSM<br>IK0TUM<br>IK7AGT<br>K1CBK<br>K5AC<br>K5RKS<br>K8LO<br>NY1V<br>PY4AZ<br>W5SUM<br>W9WO | <b>1542</b><br>JD1AMA<br>JL3DGI<br>MW0CBC<br>W2GB                              |
| <b>1573</b><br>DL2HRT<br>WA3GNW  | <b>1564</b><br>IK4TVP<br>K4MV<br>N6RFM<br>UT6UA<br>W4KK                            | <b>1555</b><br>EA4D<br>JL1OEC<br>KA6A<br>KK7YC<br>VE4YH<br>VK3TC                                   | <b>1541</b><br>IK2RGT<br>IK4YCQ<br>JA1XPH<br>JG1ULT<br>N6VNI<br>W4NE<br>W8BI   |  |
| <b>1572</b><br>G4AYU<br>JM3GXU<br>VU2IBI   | <b>1563</b><br>IV3BSF<br>JM2QWQ<br>N5EE<br>N9DD<br>W2DEN<br>W4AEJ<br>W4NBS<br>W9QO | <b>1554</b><br>AA6K<br>DL4MM<br>KE9S   | <b>1548</b><br>IN3EQZ<br>JG2CNZ<br>K6ZP<br>KD4SN<br>N2ZN<br>SP7QHR<br>W5MO   | <b>1540</b><br>IW7EBE<br>OZ1BXG<br>WA2BOT                                      |
| <b>1571</b><br>G4DYC<br>HL5FBT<br>JJ3FRB<br>XE1R   | <b>1562</b><br>YB0NFL  | <b>1553</b><br>HB9VAB<br>HL3ERJ<br>I8KHC<br>JP1SRG<br>JR1AIB<br>KE4BKL<br>SV2BXA<br>SV3KH<br>W4CSW | <b>1547</b><br>G1VDP<br>JA9APM<br>JH2AYB<br>K6QU<br>N7OJ<br>WA3GFM   | <b>1539</b><br>HL4CBX<br>HL4XM<br>N5ID<br>PY2RN<br>VE2BWL                      |
| <b>1570</b><br>K2WJ<br>N7GCO<br>W9HP   | <b>1561</b><br>E73W<br>JL1VAL<br>K9CJM<br>W8JA<br>XE1YD                            | <b>1552</b><br>JA1MLY<br>JH8JYV<br>M0VAA<br>NE0DX<br>RA9SC<br>WN7J<br>WQ7B                         | <b>1546</b><br>JE1LPZ<br>JK1MZT<br>OZ2RH   | <b>1538</b><br>CU7AA<br>JA4RED<br>JA6ENL                                       |
| <b>1569</b><br>AC9O<br>K6BZS<br>RL3BZ<br>SP5LKJ<br>UA1TAN                                | <b>1560</b><br>K0NV<br>KG6D<br>ND1Y<br>UA1CKC                                      |  |  | <b>1537</b><br>JH1RVQ<br>KD3HN<br>KE7W<br>N7TR<br>RZ3EM                        |

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|-------------|-------------|-------------|-------------|-------------|
| VE3OTL      | WA8LRW      | <b>1522</b> | VE1DUN      | N1PM        |
| W4OV        |             | CT7AUP      | WB1DX       | UU7JM       |
| W6DCK       | <b>1529</b> | DL2RD       |             |             |
| WW1V        | EA1P        | DL8DXF      | <b>1515</b> | <b>1510</b> |
| <b>1536</b> | I1CMA       | JA7GAP      | 9A3MA       | DM3PYA      |
| DL5ZB       | J68HZ       | K0LB        | CU7MD       | F4WDL       |
| EA5GHD      | JA9IWR      | KP3AH       | DL1MDZ      | N9CO        |
| IK4FNF      | JL3JRY      | KP4AA       | JG6MQI      | PY2OP       |
| K4CGY       | K4MY        | NR0P        | N1ZJ        |             |
| LA4YGA      | S59SV       | UA9LAO      | W1XV        | <b>1509</b> |
| OK4YL       |             | W5RZ        | WA0WWW      | JE4FNC      |
| W5FPT       | <b>1528</b> | WB2ZAB      | WB1AEL      | K0VM        |
| W9KVR       | DS3EXX      |             |             | KB8GAE      |
|             | SP9TPZ      | <b>1521</b> | <b>1514</b> | KG5VK       |
|             | ZL3AL       | SM6VR       | HB9ERU      | N2YBB       |
| <b>1535</b> |             | WA5UA       | HB9GWJ      | R3BM        |
| AA5N        | <b>1527</b> |             | KJ4R        | UA9MC       |
| IZ0CKJ      | K1EO        | <b>1520</b> | M0TTB       | W1MJB       |
| K0IS        | N3AO        | DL2CC       |             | W4REX       |
| UR5WIF      | R7LP        | G4RGK       | <b>1513</b> | YB2TS       |
| W4UDH       | WX0Z        | GU4YOX      | AB1J        | YU3MAY      |
| WA8A        |             | KY5I        | AG1I        |             |
|             | <b>1526</b> | N6WIN       | DL6DCD      | <b>1508</b> |
| <b>1534</b> | DS2BGV      | SP3EPG      | JA7BAL      | DL0WW       |
| DF2WF       | G4DXW       | WA3WZR      | K3DFL       | IK4DCX      |
| DJ2VO       | JH1CML      | WB4KTF      | K5DB        | IU8IYE      |
| K2OP        | K8JJC       |             | K8EB        | IW7DVM      |
| VA2LM       | LA7EIA      | <b>1519</b> | KA5V        | K5QR        |
| W6JZ        | UA9AGX      | K7DSE       | N9CDX       | N3PS        |
|             |             | ND4DX       | R7IA        | NN6K        |
| <b>1533</b> | <b>1525</b> | UY2UZ       | UA3DK       | WV4V        |
| 9A0W        | EW2DZ       | W0PE        | VE4EA       | YL2EC       |
| IQ2VA       | G7SSE       | W8AKS       | VE7UF       |             |
| JH2KXN      | JF2ICB      | WA8CDU      | W7FI        | <b>1507</b> |
| K6EGF       | KE8G        | WB4SON      | WA7HQD      | EA7DAP      |
| KI7AO       | NU4B        | YO9BLY      | WQ1H        | N0VVV       |
| KZ5DX       | OM2DX       |             |             | N5OHL       |
| W1LE        | UT3UX       | <b>1518</b> | <b>1512</b> | SV1XV       |
|             | W8VI        | HK6K        | EI8GS       | W0ELT       |
| <b>1532</b> |             | IK1DFH      | HB9FBM      |             |
| HB9HBZ      | <b>1524</b> | J11VVB      | JH6WMJ      | <b>1506</b> |
| HK3CW       | DJ7WG       | JK1UVP      | NV1Q        | CE3FZ       |
| K8ROK       | DL5KUT      | K4HQB       | RA9LT       | CT1ESO      |
| OK1FMX      | DM5JBN      | LA3PK       | UW2XW       | DL1MEV      |
| UT2AB       | K0IL        | RK9UN       | VE7VF       | I2YPY       |
|             | K2CS        |             | W1ZS        | K5DV        |
| <b>1531</b> | K6FM        | <b>1517</b> | W5FL        | N6DNU       |
| VE7XT       | LY3BY       | D2UY        | W6GJB       | WR2G        |
| WS4C        | N9LEO       | JA8EJZ      | W6ZO        |             |
|             | NV4A        | JE3MDQ      | WA2MCR      | <b>1505</b> |
| <b>1530</b> | W3KHZ       | K4PKM       |             | IZ0FUW      |
| 5T5PA       | W8WM        | W0ANZ       | <b>1511</b> | JH3PAS      |
| JA1DFK      | WR7Q        |             | AD4ES       | KT4AC       |
| K7CMZ       |             | <b>1516</b> | DK8UH       | W4WN        |
| W3WST       | <b>1523</b> | DJ6TF       | JA5JGY      | WA3PTF      |
| W7BEB       | EA3ESZ      | EA5KA       | JA9RBZ      | WK9U        |
| W7BQ        | JJ1OKK      | K0AU        | JP1GUW      | ZS1C        |

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| <b>1504</b><br>DL9DRA<br>W4UAT   | N5XJ<br>N7QU<br>NU0C<br>OH3FVP<br>OK8DD<br>R5AK<br>SM0HEV<br>UT2VC<br>VA7QI<br>W4DTA<br>W9PDS<br>WA0JZK<br>WJ0T<br>WO5I<br>WV8DX<br>WW7Q<br>WY7FD<br>YB1RUS<br>YB1TQL<br>YL2BR<br>YO8CRU | <b>1493</b><br>JA3CMD<br>M0URX  | HP3TA   | <b>1476</b><br>JK1EBA<br>N2BI  |
| <b>1503</b><br>G3XLF<br>JQ1EST<br>K8MN<br>SQ7FPH<br>UT7EC<br>WB0OQV<br>YB0DJ   |  | <b>1492</b><br>JA2QVP<br>K5NOF<br>WW8RT                                     | <b>1484</b><br>DL4FDM<br>IK7YCE<br>K0MFI<br>LA9VBA                            | <b>1475</b><br>G0SYP<br>JI1UHZ<br>K7QBO<br>LX2SM                             |
| <b>1502</b><br>AD5MD<br>JJ2NWI<br>K6JJ<br>K9LCR<br>KB5HC<br>KN7K<br>WK8A<br>YB4IR  |  | <b>1491</b><br>DK3PZ<br>I8NHJ<br>JG2LGM<br>K0JN<br>XE1ILI                   | <b>1483</b><br>4X1RU<br>JA3WMS<br>JE2VFX<br>NW7US<br>RU3UN<br>S57UX<br>W00GH  | <b>1474</b><br>AA5TL<br>IW2ETR<br>KX7DX<br>W2GDJ                             |
| <b>1501</b><br>HB9AGO<br>HL2DBP<br>K2SHA<br>KB1YNT<br>KC9K<br>KJ4YLO<br>KU1T<br>N3ZP<br>NK5B<br>NR2C<br>ON5GQ<br>R0QA<br>R2DO<br>UA1OM<br>W5DXQ<br>WB4CW<br>WB9PNU<br>WF7T<br>YB0MWM | <b>1499</b><br>K4IE<br>K5LY<br>KF6A<br>N7ZA<br>SM5APS<br>VE6TL   | <b>1490</b><br>JA6HUG<br>JE1NVD<br>N4MIK<br>VE3QAA<br>W4PG<br>W5SWV         | <b>1482</b><br>DL3IAC<br>I0GKP<br>NG0G<br>TF3JB                               | <b>1473</b><br>DL0AVH<br>KT8O<br>LX1KC<br>NX4TT<br>W9NJY                     |
| <b>1500</b><br>AA4US<br>AE4AN<br>DF8FT<br>I4KYO<br>IZ0MYH<br>JF2SQB<br>K1KI<br>K1VI<br>K4RDU<br>K5VR<br>N2KI<br>N5VYS  | <b>1497</b><br>K4AU<br>KA2CYN<br>ON4LG   | <b>1489</b><br>F9CI<br>IZ0COK<br>JR2BJE<br>K4SAF<br>N6YEU<br>W1LY<br>WB8IZM | <b>1481</b><br>AC2G<br>DL1USB<br>DL4FCJ<br>SM0NUE<br>W2TX<br>WB1ASL           | <b>1472</b><br>CT1BOH<br>JH1APZ<br>LU2DSL<br>N6AWD<br>W4WG                   |
|  | <b>1496</b><br>E73M<br>JA8FKO<br>JH0AHI<br>JH1LAH<br>K4TXJ<br>SM2OTU   | <b>1488</b><br>CU2CE<br>K8AJR<br>W6JTI<br>YO8RSL                            | <b>1480</b><br>AA1M<br>K0XN<br>K8ZH<br>PY2CP<br>W4UW<br>ZL3PAH                | <b>1471</b><br>4X4JU<br>EI4BZ<br>JA7QVK                                      |
|  | <b>1495</b><br>JR1LZK<br>ON7DR<br>W8LR   | <b>1487</b><br>LA8WG<br>N3AIU<br>N5UE<br>N6IG<br>W4PGC                      | <b>1479</b><br>EI1DG<br>JJ1KXB<br>VA3AYA<br>VE3UTT<br>W0YK<br>WA3SKQ<br>YL2CZ | <b>1470</b><br>IZ8DUD<br>K8GT<br>KF0RQ<br>WS1F                               |
|  | <b>1494</b><br>G4AFU<br>KI4TWA<br>W1GF   | <b>1486</b><br>DF7FC<br>DK8IZ<br>JA6NEJ<br>N7JB<br>N8XI<br>W7HUY            | <b>1478</b><br>A71AM  | <b>1469</b><br>HB9CYV<br>JM1ESG<br>K8AJK<br>K9DY<br>KE5BR<br>SM6WET<br>XE1MW |
|  |  | <b>1485</b><br>DF9HI<br>DM9EE   | <b>1477</b><br>HB9HVG<br>K0BRO<br>W0IKD                                       | <b>1468</b><br>DC8TS<br>DL5CT<br>N9LQ<br>W1FC<br>WD6T                        |

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| <b>1467</b><br>K8LN<br>N1EK  | W1EBM<br>W5MF<br>W5RDW<br>W7VAS  | IK0WMJ<br>JA1PVX<br>K9KDS<br>WA3GM<br>WM4AA  | JA8BOV<br>NE5S   | <b>1432</b><br>N9LF<br>PS8ACL  |
| <b>1466</b><br>EI4CF<br>JA3MIO<br>K3HW<br>N9OY<br>UA7T<br>W3DQS                          | <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>K3SF<br>KH6U<br>N9HF<br>YO9IKW                  | <b>1439</b><br>DL1VDL<br>KJ6Y<br>N2XQM<br>W5LUA<br>XE1EE                           | <b>1431</b><br>K5OO<br>K8MVZ<br>W4AO   |
| <b>1465</b><br>AB9M<br>AK7O<br>JE3PCP<br>K5YU<br>K7VC<br>KC4HN<br>N4UFP<br>N4WE<br>YB2MM | <b>1454</b><br>JA1UPT<br>JQ1PCX<br>W3IZ  | <b>1445</b><br>EA1PP<br>KJ4UZU<br>NJ5N<br>OZ9XU  | <b>1438</b><br>DF1IR<br>IK5ZUK<br>IK6ZDC<br>JA3IWB<br>JK1DDG<br>K1TKL              | <b>1430</b><br>IW4CIL  |
| <b>1463</b><br>IW0AFS<br>WB0ULX  | <b>1453</b><br>KD2SC<br>WA4TII   | <b>1444</b><br>DL2MIH<br>JA0BOV<br>JR4ABB<br>K1KNJ<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>1462</b><br>AL7LO<br>DJ1OJ<br>JG1LRE<br>TF3VS<br>VA3HP<br>WB3BFC                      | <b>1452</b><br>EC7B<br>KB4CRT<br>KB7V<br>W2SKI                                     | <b>1443</b><br>JA1ERB<br>N5DT<br>PV8DX<br>TF3Y<br>W8TM                                       | <b>1436</b><br>KK4CLY<br>KT4O<br>N7JP<br>NY4G                                      | <b>1428</b><br>DL9MEN<br>N3HBX   |
| <b>1461</b><br>K6KR<br>KN9P<br>M0HIH   | <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>JH1DSF<br>JK1JAS<br>K1WO<br>NM1G<br>VE3FRR<br>W3WH<br>W4GF | <b>1427</b><br>JF2SKV<br>KF9AF<br>W9UM<br>WC1M<br>WT9U                               |
| <b>1459</b><br>HA5UK<br>K8JRK<br>S50U<br>W0VHF   | <b>1450</b><br>DJ5DT<br>JA2BUR<br>K2QMF<br>K5OVC<br>KI2D<br>KT8D<br>W4TUN<br>W6FEL | <b>1441</b><br>DL2VFR<br>EA2AA<br>UR4QFP   | <b>1434</b><br>CU3BL<br>JH8WXF<br>KE1R<br>N4ST<br>OZ6EI<br>WC2C                    | <b>1426</b><br>9H1EJ<br>JH1XFR<br>SM4GVR<br>WA5KBH                                   |
| <b>1458</b><br>JH7HIQ  | <b>1449</b><br>DM5EM<br>IW5EIJ<br>KP4DS<br>KQ5M<br>ZL2CC                           | <b>1440</b><br>CT1DSV  | <b>1433</b><br>JA6SRB<br>K1OYQ<br>K3MM<br>K7ORK<br>KM2O<br>W4HOG<br>W6OPO          | <b>1425</b><br>DL6NW<br>HK4EI<br>JA3BKP<br>JH3PRR<br>JO3WHB<br>K0XR<br>W2EQ          |
| <b>1457</b><br>IK5EKB<br>NC2Y<br>PY3VB   | <b>1448</b><br>KM4HQE<br>NR0T  |  |  | <b>1424</b><br>A61BK<br>G3PSM  |
| <b>1456</b><br>LU2AH<br>PB9FN  | <b>1447</b><br>AF3X  |  |  | <b>1423</b><br>IK0ZIO<br>K4MQM<br>N1BZ<br>N3FG                                       |

|  |   |   |  |  |
|--|---|---|--|--|
| N4NQ<br>W5AP   | <b>1413</b><br>DL6NDW<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>1422</b><br>I4ACO<br>KB4CL<br>W9SE  |   |   |  | <b>1386</b><br>DL2VWR<br>JI3KHV<br>KE4FW<br>W0SHL<br>W1GY                  |
| <b>1421</b><br>CT1ETE<br>CT1IW<br>DJ4KW<br>HB9DQD<br>JA3AYU<br>K0IO<br>KM7DX<br>N0TK | <b>1412</b><br>K7PO<br>WN9O   | <b>1403</b><br>9H1AE<br>AJ4F<br>DL5KW<br>JR1TNE                                 |  | <b>1385</b><br>8P6SH<br>K8WVA<br>KG4JSZ<br>N4QM<br>W6BBS                   |
| <b>1420</b><br>IW9DNI<br>KM2L<br>ON4CN<br>UN7BY                                      | <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  |  |
| <b>1419</b><br>A92AA<br>JH6WHN<br>JR6DM<br>LA9PJA<br>N7KDT<br>W6SHY                  | <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>RW3SU<br>SV1IXK<br>UN7BK                 |
| <b>1418</b><br>K2HT<br>TG9AJR<br>W5GJ  | <b>1409</b><br>HB9FAI<br>JH1HLC<br>N1RP<br>W1PR<br>W5KFT                      | <b>1400</b><br>K2CYS<br>OE1HHB<br>W7NP  | <b>1392</b><br>EA1BLA<br>EI2HY<br>KA1CRP<br>NN2D<br>VE3CX<br>VK2HV<br>WQ8T<br>YB3MM<br>ZS6IR | <b>1383</b><br>F5EOT<br>JA2JID<br>K4DET<br>N7TP<br>NU1T<br>OE1JIS<br>OZ7AM |
| <b>1417</b><br>DL4ZAB<br>NX9T<br>PY3SB<br>W8HB                                       | <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>1382</b><br>E73D<br>NR4M<br>ON8VM<br>W0RXL                              |
| <b>1416</b><br>AA9D<br>JM1JZN<br>WB1S  | <b>1407</b><br>JA4FKO<br>K3ATO<br>KC5PL<br>N3WD                               | <b>1398</b><br>HL1VAU<br>K0SQ<br>KC2STA<br>S59DJK                               | <b>1390</b><br>DM3CW<br>JL1BDI<br>K4TR<br>N8II   | <b>1381</b><br>DK3TL<br>KK4XL  |
| <b>1415</b><br>VK2AAH<br>W2CQ  | <b>1406</b><br>I0EKY<br>K1ROA<br>KB0V<br>KN7D<br>N4VN<br>N5TF<br>W6DPD        | <b>1397</b><br>HB9BMY<br>JR2PAU<br>WI4T   | <b>1389</b><br>DL6KWU<br>I5YDO<br>K5LC<br>K7JH<br>N0TR<br>ON4CCN<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>N8HO<br>WN7S       | <b>1396</b><br>DJ8WD<br>KF8PD<br>NG6R<br>YO6HOY                                 |  | <b>1379</b><br>I5GKS<br>JA8EKU<br>K6UXO<br>N0IW<br>N5HC                    |
|  |   |   |  | <b>1378</b><br>JJ1BDX<br>UA1CEI  |



|   |  |  |   |   |
|---|--|--|---|---|
| <b>1377</b><br>EA4TX<br>PV8ABC<br>W4DN<br>W4PRO   | <b>1369</b><br>I0NUM<br>W4PGM  | W4RQ   | W4WX<br>W8SET<br>WA5TXY   | <b>1346</b><br>JA6JPS<br>K5DCW<br>VU2ABS<br>WA6KHK  |
| <b>1376</b><br>EA2BFM<br>GI4OWA<br>JA2LHG<br>N0YO<br>NA2R<br>ND7K<br>ON6ZV<br>RA3CO                               | <b>1368</b><br>N4LV<br>PA5A<br>SM0EUI<br>W1GQ  | <b>1361</b><br>KM4A<br>OH6OK<br>TA6N   | <b>1353</b><br>3A2MW<br>HB9EXQ<br>HB9JC<br>W3DVY  | <b>1345</b><br>EA3HDZ<br>F4DSE<br>JG1IEF<br>R7FF<br>SP5DL<br>W7XZ<br>ZL2AO                              |
| <b>1375</b><br>IZ7GXB<br>JA7SFD<br>KD2GC<br>OV5O  | <b>1367</b><br>G3VAO<br>K0FF<br>KB9AIT<br>SV2DSJ<br>W6ZPL  | <b>1360</b><br>4Z5IW<br>JA6FEG<br>J11QIO<br>N7UJJ<br>RU3UR                   | <b>1352</b><br>BA7NQ<br>JI0VIF<br>K2CDJ<br>KA1API<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<br>WX2CX          |
| <b>1374</b><br>AA2DT<br>DJ9SO<br>NI7F<br>W0MS<br>W9VQ<br>WX0E   | <b>1366</b><br>HB9BEM<br>JA2KQE<br>K8GWU<br>PY2HH  | <b>1359</b><br>NN5E<br>OD5YA<br>WA1NXC                                       | <b>1351</b><br>K1XE   | <b>1343</b><br>AA4EA<br>AC6DD<br>G4VMX<br>JK3GWT<br>K4GHS<br>W6HYI                                      |
| <b>1373</b><br>K1TWF<br>TF5B<br>W2PS<br>W4TNX   | <b>1365</b><br>G3KAF<br>HA5OLA<br>HB9ODP<br>N2FY<br>OE7FMJ   | <b>1358</b><br>EA8TK<br>JH2NWP<br>K7STO<br>WX5L                              | <b>1350</b><br>AG6HE<br>EU7X<br>EW4A<br>IK2HDF<br>JA0NFP<br>JA7JM<br>JI1CYX<br>K0QB<br>K5EWS<br>W4ATL | <b>1342</b><br>AA8M<br>DK8FS<br>HK6P<br>IK0PRG<br>JA0JPD<br>JF1JTQ<br>VA3VET<br>W6VNR<br>WB2GOK<br>WD9Q |
| <b>1372</b><br>AB6Z<br>AC4BT<br>OE6VHF<br>XE2B  | <b>1364</b><br>DL1QQ<br>EA1NK<br>G4ZWY<br>JA1UOA<br>JA2CGH<br>K1LTJ<br>N3KR<br>W7PAQ<br>W9GE<br>WA8LOW | <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>1341</b><br>CU2AF<br>JA7QQQ<br>JS2GFA<br>K7CTV<br>R9HBF<br>W4UT<br>WD8LTM                            |
| <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   | <b>1356</b><br>AD0K<br>IK3GBG<br>JA7OBO<br>K5HTE<br>K9SUH<br>OE1TKW          | <b>1348</b><br>AA7UN<br>AE4M<br>AK3E<br>EA3NG<br>JA1ITJ   | <b>1340</b><br>F4BDG  |
| <b>1370</b><br>KP3V   | <b>1362</b><br>AF6PK<br>DL2TOS<br>JA1TOU<br>K3SUI<br>PT7CB<br>R3BB<br>UR9IDX                           | <b>1355</b><br>HA5KFV<br>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                   |   |
|   |  | <b>1354</b><br>AA8KY<br>F5MZE<br>IT9JPS<br>IZ2EIH<br>KC2THY<br>W4DCY         |   |   |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| GM4YMM      | YO3HOT      | <b>1326</b> | <b>1318</b> | KI9A        |
| HB9JNM      |             | JE7JZT      | K0HQW       | VA7XX       |
| IK5LSQ      | <b>1332</b> | W3TC        |             | W2GR        |
| JJ2PIK      | DJ6BN       |             | <b>1317</b> | W4HM        |
| KB0EL       | JG3WJN      | <b>1325</b> | EA1KE       |             |
| N6VH        | JH1HRJ      | SM1NJC      | JH1CTV      | <b>1310</b> |
| W4TE        | K4KAL       | SM5AKS      | K7WK        | IK0PRP      |
|             | KA3GWD      | W3NRJ       | KD1AB       | JR6GHN      |
| <b>1339</b> | KM4VI       |             | KR4U        | VA6JV       |
| HB9PUE      | NA5S        | <b>1324</b> | N1SZ        | WB7BBQ      |
| IK1NLZ      | W8PAT       | JI1JPJ      | SM0W        |             |
| K1OR        |             | K4MIL       | VE6SV       | <b>1309</b> |
| KM5VI       | <b>1331</b> | K6VV        |             | JA3PRM      |
| KP4DKE      | AC0B        | KI7M        | <b>1316</b> | K1WY        |
| VK8DR       | G4DDL       | SM7BHM      | F4FLF       | K8ARY       |
|             | HB9TKB      | SP6OUQ      | GM0VIT      | NJ0F        |
| <b>1338</b> | JA3KWZ      |             | JA2LWD      | OH1ECQ      |
| HA7GN       | JL1BTJ      | <b>1322</b> | JF7NNI      | UB3A        |
| IT9IPQ      | K0YL        | DL6KVA      | K2JK        | W1JMM       |
| K5MO        | RA3SD       | G6NHU       | K4IU        | YV5JGO      |
| SM2HWG      | RW4WD       | IT9CMU      | WA2QAU      |             |
| WE8L        | WZ4RC       | IZ4VSD      | WB2CLL      | <b>1308</b> |
|             | YB0AZ       | JA1BWA      |             | DL1SVA      |
| <b>1337</b> |             | JA9FO       | <b>1315</b> | HC8N        |
| G4NBS       | <b>1330</b> | JG1BOK      | K2OGD       | JI1DMH      |
| IK0CNA      | DL3ANK      | JI1QZQ      | K4JUJ       | N4HGZ       |
| IW1PUR      | EA4S        | K2OO        | N2BT        | N9RV        |
| K6DJ        | JR2ATZ      | W4DVG       | VE3TM       | WD4IXD      |
| KD4OS       | K3LA        | W5JE        | WB7VNY      |             |
| KG4USN      | N0RR        |             |             | <b>1307</b> |
|             | OH3TY       | <b>1321</b> | <b>1314</b> | JH3LCU      |
| <b>1336</b> | WA9JOQ      | DJ5EY       | EI3CTB      | K1TZQ       |
| AB5YI       | WD4IKI      | HK3CQ       | G4IDL       | N1BY        |
| VU3WEW      |             | K4LQ        | K8ZR        | N9BVA       |
| W8VK        | <b>1329</b> | K4NST       | VK5CE       | VA2LC       |
|             | K1APJ       | K7EKD       | W2FCR       |             |
| <b>1335</b> | KE4WI       | R3QX        | W5WZ        | <b>1306</b> |
| DM1HR       | N4KM        |             | W8AF        | AI2S        |
| NC4MM       | W0GN        | <b>1320</b> |             | BH4SYG      |
| SV1CIB      | W6HGF       | DH4JQ       | <b>1313</b> | CT1FJK      |
| WY4I        |             | JA1FVS      | AG5CN       | DJ4PT       |
| <b>1334</b> | <b>1328</b> | JA2DLM      | JA1DCO      | HB9FAX      |
| 4X6KJ       | F5NTV       | JG1JPE      | JH2PWM      | IK8MRD      |
| G0THF       | KE4KMG      | K3JM        | K4ZA        | N2MEE       |
| JH1OVY      | N4SV        | KB8DRK      | KP3R        | W2FB        |
| K7RR        | SP3CMA      | PY8WW       | NF7D        | W5UQ        |
| SM7DXQ      | WW1L        | W1RG        | TF8GX       |             |
| W5TFW       |             |             | WA7HR       | <b>1305</b> |
| W5WS        | <b>1327</b> | <b>1319</b> |             | AA6PI       |
|             | BX5AA       | 9A6T        | <b>1312</b> | AK9B        |
| <b>1333</b> | DG1NPM      | DL3ZH       | AD0TR       | K0TV        |
| IZ0GVZ      | JA1PUK      | EA1EA       | N4GBK       | K5TU        |
| K5GM        | K8MRT       | IZ7EVZ      | NS7K        | SP3FYX      |
| KY4G        | UA0APV      | RN5AA       | W4PV        | WD0EVR      |
| ND6S        | W0IJN       | VE7VV       |             |             |
| S57A        | WR5Y        | ZS2I        | <b>1311</b> | <b>1304</b> |
|             |             |             | I4UUL       | 4Z5GV       |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| DL5JS       | UN7TX       | <b>1289</b> | KB2ZPB      | HB9DRS      |
| HI8CJ       | ZL1ANH      | KN9N        | KB5IY       | JE4WOK      |
| IZ8DEO      |             | OZ7QB       | KC9G        | K4FDP       |
| JA3DAY      | <b>1296</b> |             | N4WD        | KB3LIX      |
| KI3O        | CE3EEA      | <b>1288</b> |             | NA5NN       |
| WG0G        | JA7FVA      | HB9FAZ      | <b>1280</b> | RX3X        |
| YB0MZI      | N0ACH       | I5SDG       | JA3MNP      | SM5BFJ      |
|             | NE8P        | K6RC        | LB2EG       |             |
| <b>1303</b> | OE7SEL      |             | W7GA        | <b>1271</b> |
| DL1SDH      | W3KHQ       | <b>1287</b> |             | DL7ACN      |
| K0ABC       | WX4F        | CT3BX       | <b>1279</b> | ND6G        |
| K6GFJ       |             | DS4DRE      | DJ4JZ       | NS4X        |
| W9RB        | <b>1295</b> | EA6AZ       | EA7LS       | W5GVP       |
| WX3P        | G3GAF       | JH3GRO      | IK0PCJ      |             |
|             | G4SGX       | KC4AA       | JA4VUQ      | <b>1270</b> |
| <b>1302</b> | PA3FWV      |             | K4GN        | AA5SH       |
| JE1CSW      | SP6DVP      | <b>1286</b> | K9KEU       | AB2DP       |
| JH8XVT      | W2NY        | DJ2RB       | WA2ALY      | DL2AMD      |
| K2MHE       | WB9DLC      | JE3OUW      | ZS1EL       | I0YR        |
| LA5LT       | WR7T        | K2DF        |             | JA6JYM      |
| N9AVY       |             | N5TU        | <b>1278</b> | R3QJ        |
| W5HMK       | <b>1294</b> | OH3PYY      | JA7KQC      | RU3OW       |
|             | DK3FB       | VU2MSA      | K6LD        | WM9Q        |
| <b>1301</b> | KN6H        | W3/NH7C     | PA7MM       | YB1BML      |
| AA4MM       | PF7M        |             | W9OSI       | ZP6CW       |
| JA7DPC      | W1PY        | <b>1285</b> | WF4W        |             |
| JN4FNZ      |             | 7Z1SJ       |             | <b>1269</b> |
| M0OIA       | <b>1293</b> | K8LBT       | <b>1277</b> | AF8C        |
| NA6JD       | IK2WPO      | KG6B        | JS6QOM      | I1SOP       |
| OK2RZ       | JA1XQC      | N4ANV       | K7EV        | RN0C        |
|             | JE7BUH      | W4CMM       | K7MY        | W0ZT        |
| <b>1300</b> | SM2YIP      |             | K9BO        | WA9PWP      |
| EI7GY       | W4DWS       | <b>1284</b> | KO4PRE      |             |
| JE6UWU      | YO2LLL      | JA1TGO      | N3ER        | <b>1268</b> |
| KJ7NO       |             | K1PTF       | W6DVS       | EA5XV       |
| WU4B        | <b>1292</b> | K5FXB       |             | F1JKJ       |
|             | N9NM        | N6DVR       | <b>1276</b> | I8PND       |
| <b>1299</b> |             | NN1SS       | F5TMJ       | LB2TG       |
| CT1AUO      | <b>1291</b> | RZ1OK       | I2LXA       | PY2XAT      |
| DL6RA       | AE6Y        | Z34K        | NY6C        | ZP9MCE      |
| N1KX        | JH1EVD      |             | NZ0O        |             |
|             | K3GO        | <b>1283</b> | WB8RFB      | <b>1267</b> |
| <b>1298</b> | K9ZG        | EA1AUO      |             | G3PLP       |
| CT3BD       | NT9F        | K8DJC       | <b>1275</b> | JA4HDO      |
| N2SG        | W8FAX       | W1DXH       | JA3UOQ      | JH0CLK      |
| N9OF        | W9MAK       | W2OL        | UA4PT       | K0GEO       |
| OH1LR       |             |             | ZS5LEE      | K3TRM       |
| UA3GT       | <b>1290</b> | <b>1282</b> |             | K4ZMV       |
| YB1AYO      | BG8PA       | A71EM       | <b>1274</b> | KC1ERO      |
|             | DJ2UU       | JL1IHE      | IK8OZV      | OK1ADM      |
| <b>1297</b> | EI3ISB      | JR2BYJ      | JL4CVG      | W2XX        |
| AB6L        | K9JP        | K9MX        | K1BZM       | YU1FJK      |
| JA7JND      | N9MW        | WB2UFF      | KB7AK       |             |
| JA9BEK      | UA1CGS      | WW4LL       | W2UB        | <b>1266</b> |
| K9JDP       | VR2VAZ      |             |             | GM1BSG      |
| N8TFD       |             | <b>1281</b> | <b>1272</b> | K1TU        |
| TA2RC       |             | DJ9CW       | EA5GXI      | K4ZNC       |

|   |  |   |   |   |
|---|--|---|---|---|
| KB2S<br>NG4C<br>RU3U<br>US5CB   | LA4JGA<br>LA6ZFA<br>OK1MBW<br>UZ1WW<br>XE1GLL  | <b>1251</b><br>EA1WX<br>HL4RBR<br>K2GLS<br>S51AD<br>UA2CZ<br>VE3VV<br>W8LIG<br>XE2AU                                | AA5B<br>AA7X<br>IZ2MHT<br>NI4Y<br>NN7X  | <b>1236</b><br>EI5GM<br>JA6MWW<br>N8KU<br>OM0AST<br>R2AB  |
| <b>1265</b><br>9A2GA<br>JH8NQV<br>NN9X<br>W3DIY                                     | <b>1258</b><br>EA1K<br>F4CPF<br>JA2CPD<br>JF7RJM   | <b>1250</b><br>AA6XV<br>JH0AKV<br>KB8U<br>R4FAN<br>SM3CZS   | <b>1243</b><br>F4GTB<br>IK2LOL<br>WA7RLL  | <b>1235</b><br>EW7A<br>JI2EMF<br>K9AAN<br>W6IZT   |
| <b>1264</b><br>DL7AA<br>HB9Q<br>JP1EWY<br>K0UU<br>K8CR<br>W2EJG<br>WG9L<br>WO4D     | <b>1257</b><br>4Z5FL<br>IK8TEM<br>IT9VDQ<br>JA7DOT<br>K1GND<br>S51DV                             | <b>1249</b><br>CT1HHP<br>JA4CSJ<br>KK6T   | <b>1242</b><br>G6GA<br>JA1AKL<br>JA8DBU<br>JK2VOC<br>W4AVY<br>WA8Y                | <b>1234</b><br>IK0OZD<br>IZ0FYW<br>JA4MEM<br>JH0LME<br>K4LRX<br>K5VG<br>K6RR<br>KD0S<br>VA7DXX<br>W1MRH<br>W9GM<br>YO3IPR |
| <b>1263</b><br>HB9FAN<br>JR2HRR<br>R6MO<br>YO2BS                                    | <b>1256</b><br>K1WNT<br>VE3PJ<br>W8SP  | <b>1248</b><br>NZ0T<br>SV3RKM<br>W8MRL  | <b>1241</b><br>JF3DRI<br>JH4CPC<br>JL3JTD<br>K1JX<br>VE7VZ<br>W1NT                |   |
| <b>1262</b><br>7J1ABD<br>IC8SQS<br>K1FE<br>K7RAN<br>M3DFW<br>NR8Z<br>W0UVC          | <b>1255</b><br>JG1AID<br>JH1SWD<br>JH4VDP<br>NE5W<br>W3HER                                       | <b>1247</b><br>AA0FT<br>HB9ECS<br>N6ORB<br>NA5YO<br>UA6XT   | <b>1240</b><br>JA1SZN<br>KO6LU<br>KX6C  | <b>1233</b><br>DL4HRM<br>JR3MTO<br>KA9UVY<br>KC9WPS<br>SA3CAT   |
| <b>1261</b><br>IK5BSC<br>K3TLP<br>VK3OT<br>WB8YTZ                                   | <b>1254</b><br>EW1LM<br>KE5MMT<br>W2FS<br>WC2L<br>WQ5T   | <b>1246</b><br>AB6BT<br>DJ9BX<br>I2XIP<br>N0VD<br>W1ECS   | <b>1239</b><br>CE3CT<br>DL5MM<br>N9EAJ<br>W4MPY                                   | <b>1232</b><br>JE4RAL<br>JJ1DJW<br>JS2KWL<br>K3CWF<br>N8NH<br>SM6CGI<br>TA1PB<br>WB6AXD                                   |
| <b>1260</b><br>IK2GAJ<br>JE1CPB<br>JK1PEC<br>K8OS<br>K9GY<br>K9UWY<br>W2NWU<br>WC6Y | <b>1253</b><br>DL8DWL<br>EA4XT<br>JH8CFZ<br>OH1LAR<br>PY5VC<br>WA0PFZ                            | <b>1245</b><br>9J2BS<br>JJ1JMZ<br>K2SZ<br>K6EI<br>KH6XT<br>KQ5U<br>N7RP<br>N7WI<br>VA3NXM<br>W0CK<br>W4ARK<br>W4EJG | <b>1238</b><br>4X1VF<br>DL7BO<br>JA0AVS<br>KD5R<br>LZ1XL<br>VR2PX<br>W6PG<br>WC4V | <b>1231</b><br>G3YSX<br>IK8PGE<br>IW2BZY<br>JA1PLT<br>K1EDG<br>K4EQ<br>KJ5Y<br>LB8OH<br>W2FKF                             |
| <b>1259</b><br>DF3FJ<br>G3HSR<br>JA6ATL<br>JA6SQR                                   | <b>1252</b><br>AB9KZ<br>K0KO<br>K2RNY<br>K5DNL<br>KB4KBS<br>KM4VJW<br>LU5FCI<br>MU0GSY<br>SM4BNZ | <b>1244</b><br>A65BD  | <b>1237</b><br>EU4T<br>IZ2USP<br>K5NV<br>KC4PX<br>KR0O<br>N8RF<br>PY2AB<br>VA3OKG | <b>1230</b><br>DJ4DN  |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| JA1QOQ      | JM1CMA      | JA0FLL      | <b>1206</b> | YB4CHP      |
| JA4OPW      | K9IA        | K6VVA       | ES2IPA      |             |
| K0ZR        | W4DSM       | N5RZ        | K7SO        | <b>1199</b> |
| KX9X        |             | WB9IWN      | KL2R        | JA0TEA      |
| N9QQK       | <b>1222</b> |             | N0ATQ       | KF3N        |
| SP7MOC      | K4NTO       | <b>1213</b> | W4UR        | N2ZL        |
| W2IZN       | K5SES       | AA5H        | W5SV        | N3RR        |
| WA2C        | W5RY        | G0OSK       |             | WE2K        |
|             | YO8PS       | JH4GNE      | <b>1205</b> |             |
| <b>1229</b> |             | JH8JWF      | GM7NZI      | <b>1198</b> |
| EA1AHA      | <b>1221</b> | J11BJB      | WW0E        | DK3HV       |
| JA1IFD      | JA1QVR      | N9FH        |             | IW0AGX      |
| K3PH        | JA3AOP      | S57TA       | <b>1204</b> | J11FXS      |
| K4MQ        | KF8HR       | W4NK        | G3CWW       | KA5VFU      |
| LA7QI       | PR7AB       | WA9IVH      | JA0GZZ      | PU2POP      |
| N0FCD       | W8YV        |             | JR4PMX      | SP9IZV      |
| N7TK        |             | <b>1212</b> | SP6MAA      |             |
| W3JXP       | <b>1220</b> | AA2IL       | WA9DU       | <b>1197</b> |
| WA3IIA      | HA3OU       | DJ0AH       | ZS6RJ       | DS4DBF      |
|             | JG1IIF      | F5VML       |             | HB9ACC      |
| <b>1228</b> | KJ9B        | JO1QNO      | <b>1203</b> | K4GM        |
| JA3BLN      | OH2TA       | UU2JQ       | JF7DZA      | K4OP        |
| K0PX        | WA1HEW      | W0MAN       | JH8DBJ      | N4TZ        |
| OH1XFE      | ZL3NB       | W1UU        | KA7CVJ      | NW6V        |
| UR7CQ       |             |             | KS4XQ       | RU0A        |
| W2KNG       | <b>1219</b> | <b>1211</b> | NC7B        | W2OSR       |
| W7YED       | CU3HN       | I4FTU       | ON4AGX      |             |
|             | KQ9J        | IZ3KNK      | SP1NEN      | <b>1196</b> |
| <b>1227</b> | WA4TMJ      | K3XC        |             | DL1ECG      |
| G6AD        |             | OH3KAV      | <b>1202</b> | EW3CW       |
| JA9EEH      | <b>1218</b> | W7JET       | IW4EII      | GM5YTT      |
| KF5WCP      | AD6DK       | WX0Y        | JE7LHT      | JA6WIF      |
| WA0BZA      | JH6IMI      |             | K1QN        | JE2RBK      |
|             | K4VZ        | <b>1210</b> | K2RSK       | JK1BIB      |
| <b>1226</b> |             | G0FWX       | N8WD        | SQ8J        |
| DL3BUE      | <b>1217</b> | JL4BSE      | WB9B        | W3ATV       |
| EA7AZH      | EA5IAG      | LA1CO       | WP4CQ       | W4CIR       |
| HA5FA       | VK7ZE       | N6XG        |             | WA8IQF      |
| HB9DLE      | W0VD        |             | <b>1201</b> |             |
| HP2NG       | YB0EIN      | <b>1209</b> | 5P5Q        | <b>1195</b> |
| K1PT        |             | DF7GG       | HL5YI       | JA7FSB      |
| N7TW        | <b>1216</b> | EA5BD       | IS0/YO3RA   | KE2M        |
| PJ4LS       | DF2QC       | EW4C        | JR6PGB      | LA8PDA      |
|             | H13R        | N6MA        | K9AQ        | N4WMB       |
| <b>1225</b> | N2WM        | OK2FB       | PW7T        | UN8GA       |
| DL6WT       | WF4B        |             | W4GH        |             |
|             |             | <b>1208</b> | W6CN        | <b>1194</b> |
| <b>1224</b> | <b>1215</b> | KN4OK       | W7RN        | DF5DH       |
| AB4FH       | CT3DZ       | LA6FI       | WA4YYM      | K2RKJ       |
| JH4ADF      | JA1JMF      |             |             | N6VI        |
| NX4D        | NY7T        | <b>1207</b> | <b>1200</b> | R2ARR       |
| OK1UU       | W1MO        | DJ3CQ       | AB5GU       | R5AA        |
|             |             | JJ1REU      | DD0VU       | W5IO        |
| <b>1223</b> | <b>1214</b> | JL1JVT      | JH6RTO      | W9KB        |
| AE9DX       | AD7XG       | JL1MWI      | ND0C/QRP    |             |
| EI7JZ       | EA4EJP      | NS4F        | OH5XB       | <b>1193</b> |
| JA1CPU      | JA0BES      | WB8EKG      | W7AAD       | EA5FCW      |

|  |  |   |   |  |
|--|--|---|---|--|
| IK5IFH<br>WB3AVD   | <b>1184</b><br>DL6ZBN<br>HA8FW<br>JA7MNF<br>JH8BOE<br>K4JGR<br>K7YZO<br>LU2DX<br>N6DW  | <b>1179</b><br>EA2RY<br>IU4CHE<br>JA2HIJ<br>JR6LDE<br>K4RM<br>UA3NFI<br>UA6FZ<br>W4GHW              | <b>1173</b><br>DJ3GW<br>DJ3XD<br>JA6CM<br>JF1KIG<br>VU2DED                              | F8EZE<br>W5CWQ   |
| <b>1192</b><br>AJ4HW<br>DJ0IF<br>IW1CAB<br>JF1CPH<br>LU5OM<br>NC6K |  |   |   | <b>1165</b><br>JT1CS<br>K10KN<br>OH2BC<br>PA5CW<br>W4DFU                                     |
| <b>1191</b><br>DL8OK<br>JH1CJQ<br>LU9DO<br>OZ9GA<br>W0SA           | <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>YO9FLD | <b>1178</b><br>4F3BZ<br>AA9WO<br>AC6T<br>IK6JF<br>K1IB<br>KT5V<br>NC7M<br>WA6QGH                    | <b>1172</b><br>EI8KN<br>JA4BUA<br>W1FZ  | <b>1164</b><br>JR1FHP<br>OZ9U  |
| <b>1190</b><br>DD1JN<br>HL2FDW<br>IV3BBR<br>W1BYH<br>YT7T          |  |   | <b>1171</b><br>6K5AQY<br>DG5DBT<br>JA1DIO<br>KA3S<br>W4ASE<br>WU7X<br>ZL2LW             | <b>1163</b><br>EA3HSO<br>HL5FEI<br>JA3EUB<br>N3PV<br>N7FF<br>NI8Z<br>VE3NJC<br>W9FF<br>YO4NA |
| <b>1189</b><br>AA9AA<br>AF3K<br>G4YCS<br>HB9HHH<br>K8TS            | <b>1182</b><br>HB9EBM<br>KD3UY<br>KI5T<br>N5KUC<br>W4HY<br>WA3WNT<br>WM5H  | <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>EA6BB<br>IW2CAM<br>K3SW<br>KB9S<br>LZ1CY<br>N0SL<br>N2YF<br>PA2R<br>WN0L | <b>1162</b><br>DL9GOA<br>IZ8EYN<br>JA2PTQ<br>N5FEE<br>YO9GJY                                 |
| <b>1188</b><br>JG6CDH<br>KO1H<br>N3HYB<br>ON6MX<br>RW5CW<br>SP3UY  | <b>1181</b><br>4X1UF<br>JF2QNM<br>K4RMM<br>K9BQL<br>KD4EE<br>N9IXD<br>SM0BSO<br>W4NF<br>W5XU                                     | <b>1175</b><br>CU7AJ<br>DL7XU<br>JH8LLE<br>LA1J<br>LB7Q<br>N8QGC<br>NT5A<br>W6NK                    | <b>1169</b><br>7N4OBV<br>ES4AW<br>JS6SCC<br>K2FJ<br>VE3XB<br>W4HVV                      | <b>1161</b><br>AA4OC<br>N7GVV<br>N8DC<br>UN2G<br>W7BJN                                       |
| <b>1187</b><br>G3EKJ<br>JF1QQK<br>SP2DW                            |  |   | <b>1168</b><br>IK4RQJ<br>NE1RD<br>NT5O<br>WB4M  | <b>1160</b><br>AG5Z<br>DD0VE<br>DM1DK<br>F5DBT<br>F6FFR<br>K0FD<br>N5OP<br>NZ3M<br>VE2NGH    |
| <b>1186</b><br>CT1EPJ<br>OH1TSM<br>W4BH                            | <b>1180</b><br>G8APB<br>IK6DEN<br>JA2QPY<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>N4LSJ<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                           |
| <b>1185</b><br>AB1QB<br>JA1EYN<br>K0XM<br>K8ESQ<br>N5YY<br>N6KJ    |  |   | <b>1166</b><br>DJ6TK  |  |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| S51DD       | IT9YOZ      | NG3J        | WQ5C        | W9HZ        |
| <b>1158</b> | IZ0LNP      | ON7LX       | <b>1139</b> | <b>1133</b> |
| DD9WG       | KD8FO       | R0SR        | AI4QQ       | AD4RE       |
| JA2AXB      | N1FOJ       | W3KN        | JE2VYM      | SV3EXP      |
| JA3AAW      | VA3YP       | WA7AVL      | JP7SOZ      | WA4AFE      |
| JA3VUI      | <b>1152</b> | <b>1145</b> | K9YZ        | <b>1132</b> |
| JH1BUO      | GM0NAI      | DH5MM       | SP9PRO      | JH1GNU      |
| JI1SVY      | IK0FUR      | JA5BZL      | SV7CUD      | KK4MA       |
| JJ1IRS      | IK5ZAJ      | K4HEB       | W5MJ        | UA9JLL      |
| K1YT        | KP4JRS      | K9QA        | <b>1138</b> | VU2NXM      |
| K6SY        | KP4P        | KA5M        | EA1IO       | <b>1131</b> |
| W6IS        | N6FS        | KN8F        | I8DPP       | IZ5GST      |
| WA7YAZ      | VK4BUI      | N5RN        | K8POM       | SV1IZY      |
| <b>1157</b> | WA8NLX      | YU1JF       | LA4RT       | YO5OEF      |
| A71XX       | <b>1151</b> | <b>1144</b> | N3YZ        | <b>1130</b> |
| DH5JG       | JH1AWJ      | EA5DKU      | N5UM        | F6FNA       |
| DK1AX       | KC2LSD      | F6IMB       | W4ATM       | IK2CMN      |
| F5VMN       | N5CR        | JA3RAZ      | ZS6NK       | IK6CGO      |
| IZ4ORF      | <b>1150</b> | JE2FJI      | <b>1137</b> | JG3KMT      |
| JA5CDL      | JH8CXW      | JR1KAG      | F6BLP       | JH2MYN      |
| JA7GDU      | K7QA        | NA7RH       | JH7RTQ      | K3RWN       |
| K6OJ        | KK8X        | W8GU        | K7VL        | KG2GL       |
| K6VHF       | N4UP        | <b>1143</b> | KZ2R        | KJ6MBW      |
| N7NW        | RM4C        | EA5BZS      | NN5G        | W3XX        |
| WD1M        | W7MD        | ER1LW       | RA0LQ       | W4CC        |
| WU2G        | <b>1149</b> | F8AMV       | <b>1136</b> | W8TOM       |
| ZL3REX      | AC9A        | N6TR        | AD4EB       | <b>1129</b> |
| <b>1156</b> | IT9DDS      | R8IA        | CP6XE       | AK6I        |
| K1VSJ       | N8AID       | UA9AEU      | EA1T        | BD4SX       |
| K3WJV       | SP5AMN      | W6MYN       | JO1ABS      | DF2UH       |
| KM8V        | SP5NON      | <b>1142</b> | K8CC        | DH8GV       |
| PH7A        | VE4GV       | JH1HGI      | LZ1MDU      | HL4GHT      |
| YE9BJM      | WB2AA       | K0JJR       | N1RM        | JA2THS      |
| <b>1155</b> | <b>1148</b> | KS4WA       | RN3A        | KB4EE       |
| K6ASK       | JI1EIX      | OH2DW       | SP5ZCC      | N3OUC       |
| K7JY        | OM2AGN      | W1ES        | VR2IL       | N5BA        |
| KV8P        | WB4KTC      | WA5YOM      | <b>1135</b> | UA3LIU      |
| N2CJ        | <b>1147</b> | <b>1141</b> | EA7LL       | W7AM        |
| SP7ASZ      | DL4DW       | JA1SHC      | HB9FUX      | WM1G        |
| W4RS        | IZ1JIZ      | JA7MWC      | HC1HN       | <b>1128</b> |
| WA1NLG      | JG1WNO      | KZ1X        | N2WN        | AK4AO       |
| <b>1154</b> | K0UBR       | OM3CND      | RN7G        | DS5JMG      |
| I0KRP       | K4ZXV       | <b>1140</b> | VA2MM       | JG8NKJ      |
| JN3ONX      | K5WQG       | DJ9FK       | WA3YZD      | K7KJ        |
| K5CKS       | KA5SYP      | DL1DH       | <b>1134</b> | KB8DID      |
| K9UO        | N0AB        | JH8FIH      | IK0UUM      | N8IK        |
| NC1M        | UX7VA       | K1BG        | JF2ERJ      | W4MC        |
| UA9OR       | <b>1146</b> | K6UIP       | K4ODL       | <b>1127</b> |
| WB9WHQ      | DF3VG       | KB7QFE      | N3GS        | DL7LX       |
| <b>1153</b> | LA3DV       | N9RE        | VE3KKB      | DS3EXT      |
| EA1WH       |             | NW8U        | W7VV        |             |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| G3YFE       | YO9FFX      | <b>1114</b> | JF1MUI      | <b>1101</b> |
| N1HO        |             | 4F1OZ       | JF3AHI      | AB5RM       |
| N9ATF       | <b>1120</b> | JA0HXV      | K6IRA       | AC0DQ       |
| VE9VIC      | JH1LZU      | JA4DLF      | KE3ZT       | IT9RDG      |
| <b>1126</b> | W0UY        | KA4H        | N4KEB       | IZ3DBA      |
| JR1HYA      | W1RZF       | KE1IU       | VE7ACN      | IZ6ELF      |
| KO6UW       | <b>1119</b> | KK4BZ       |             | JH1URT      |
| W4KVS       | AB4H        | <b>1113</b> | <b>1106</b> | LU7HN       |
| W5HY        | HC1HC       | DK4MX       | G3PMR       | N2SU        |
| <b>1125</b> | OH8JK       | DU1KT       | K0KM        | VE3EDY      |
| 7N2JZT      | SP6BXZ      | JA7PPK      | K2UF        | W1XK        |
| F8GB        | WN1M        | LU1HLH      | K7IA        | <b>1100</b> |
| JH1BHW      | <b>1118</b> | N8JS        | K8CJY       | DL1DCT      |
| JH8MZP      | DL1MAJ      | NT9E        | KO1I        | EI9E        |
| JP1GVC      | JA1CC       | UA4CX       | LA9KY       | I0ZUT       |
| N2IC        | JM3XZC      | W4PJW       | PA2TMS      | IK8IPL      |
| NZ7Q        | JR0GXA      | W5TUF       | RT0Q        | IV3IYH      |
| SK5PZ       | N4VAN       | WF7B        | W0QD        | JA3KKE      |
| W6LZ        | <b>1117</b> | <b>1112</b> | W2ZQ        | K4IJQ       |
| W8QXR       | AA2WC       | DL6DH       | <b>1105</b> | K7PTC       |
| <b>1124</b> | AB9YC       | JL7BRH      | DJ3AK       | KG8V        |
| EA8TZ       | I2DJX       | JM7TKK      | IK7MXB      | KH6DX       |
| K0MP        | K3HPA       | KN4FO       | IV3NVB      | VO1NA       |
| N1AAM       | <b>1116</b> | N6RVI       | IW7DHC      | W3MRL       |
| VE7NY       | DJ7AO       | W5SG        | JN1RFY      | WA5YNB      |
| W1ATV       | F5JGA       | <b>1111</b> | LB8CA       | XE3E        |
| W6AYC       | IT9ABN      | K0MLD       | UN7ED       | YO8DHA      |
| W8WRP       | IZ4COT      | K2IE        | VR2ZXP      | <b>1099</b> |
| WB4PWZ      | JA4OIJ      | W4CZ        | W9VA        | F5VHJ       |
| <b>1123</b> | JA8ALB      | <b>1110</b> | WB5TOI      | IZ7GIT      |
| AC7ZG       | JG2KKG      | DL1CF       | WO7V        | JH0IEW      |
| G4VWI       | K0RAR       | JA4GCF      | <b>1104</b> | JH1FRW      |
| I1LGR       | K9KU        | JR1SLU      | K7MH        | K2GW        |
| JE2SOY      | RJ6J        | N1DC        | N7EO        | KK4ODQ      |
| K4VAC       | US3IZ       | NB2P        | OZ6TL       | KV7N        |
| KK5J        | <b>1115</b> | PT7NK       | W0HBK       | N0RQ        |
| PY2FZ       | EI4HH       | <b>1109</b> | W9BB        | PF1MO       |
| W9AP        | IZ5BYJ      | K3FT        | <b>1103</b> | <b>1098</b> |
| <b>1122</b> | JE1COB      | RT2O        | AK1P        | AC8TO       |
| DD0ZN       | JH3EQP      | RW6MBC      | DJ5KL       | CT1EGW      |
| E20YLM      | JI1DCW      | <b>1108</b> | IK5XLB      | DJ3EJ       |
| JG7AMD      | KG6WIK      | AB7RW       | IK6WEZ      | E72AD       |
| KI0HA       | KI6MQX      | AC8L        | JA8NSF      | IZ2CSX      |
| N2TC        | KJ2U        | AD4XV       | JL1QDO      | K2UT        |
| SV1AOZ      | LA7MFA      | AJ4IM       | RN3TT       | K40TV       |
| TF2LL       | NR5O        | DL3NM       | SM6TKG      | K5YAA       |
| UA4ARL      | PY5JO       | W3UTD       | <b>1102</b> | KA8YYZ      |
| YB9AY       | W0ZX        | <b>1107</b> | DS4CNB      | N2MFT       |
| <b>1121</b> | WJ1B        | DK2GP       | F8DZY       | PA1MVL      |
| IK0XKP      | WO6T        | EA1AA       | K3NW        | SP8MVC      |
| OG1R        |             |             | PA5O        | SV4FFL      |
|             |             |             | VK4OQ       | VE3FAC      |



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|---|---|---|---|---|
| <b>1097</b><br>AD6KQ<br>AG8L<br>JE3CYW<br>JH7XPW<br>K0YY<br>K5TDA<br>N1UZ<br>N9EN<br>R3LO | KR4DA<br>W0QL<br>W1MI<br>W4IDX<br><br><b>1090</b><br>AA2VG<br>CT3FN<br>DJ6HR<br>DU1IVT<br>EI6JK<br>K3IXD<br>K4WJ<br>KM4GZI<br>UN6TA<br><br><b>1089</b><br>AC6ZM<br>JA8AWR<br>JI2UDK<br>JR1QLM<br>N9AI<br>NG9J<br>NO2C<br>UR6QA<br>W2GGY<br>W3MS<br><br><b>1088</b><br>EA7OH<br>G0HSA<br>JA1DJO<br>K0OB<br>K4AVU<br>KS4L<br>MM1PTT<br><br><b>1087</b><br>JA1GFD<br>JA3DBD<br>JM1GAW<br>KA1BQP<br>KI4YY<br>N3NO<br>N7LAN<br>N7RVD<br>SM3DTR<br><br><b>1086</b><br>AA4QE<br>ER2RM<br>JA8DRK<br>JG1EIQ<br>KD3TB<br>LZ2TWY<br>RA3FY<br>W4JDS | W7WRJ<br><br><b>1085</b><br>AI7W<br>DL9SAD<br>JA1IHD<br>LA2LI<br>NN8L<br>TA3J<br>W4OWY<br>WA9IVU<br><br><b>1084</b><br>DO4DXA<br>IZ4IRO<br>K3DQB<br>KB4FB<br>KJ7WY<br>KX4I<br>VE2OWL<br>W5QZ<br>W9MDB<br><br><b>1083</b><br>DL1ASA<br>DL9ABM<br>HG6IA<br>K0TI<br>UX7IN<br><br><b>1082</b><br>4Z4OQ<br>CP6UA<br>JE2DJC<br>K4FK<br>KD8MQY<br>N4QK<br>OR4K<br>UA4HAD<br>UA4HDB<br>W6MVV<br>W9BWR<br>W9GFB<br>WB8YJF<br><br><b>1081</b><br>K0FG<br>K8FB<br>MM0BQI<br>PT2ND<br>SM5CCT<br>W7JWM<br>W7KKC<br>WW1WW<br><br><b>1080</b><br>EI9CN | HB9FBA<br>JK3NSD<br>K6EV<br>KG7CW<br>N6JM<br>NR2D<br>W7PC<br><br><b>1079</b><br>AD7KG<br>IC8TEM<br>IK6IHN<br>KV2S<br>LU7DW<br>VA1SEA<br><br><b>1078</b><br>DL4KUG<br>EI4DQ<br>IK4DCW<br>JA2SEQ<br>SM7CZL<br>YB1IQE<br><br><b>1077</b><br>JA2HOL<br>JF1CZQ<br>K4BBH<br>K5MMH<br>N6ER<br>W1JFK<br>W1USN<br>W4WNT<br>W7IMU<br>WD4EGF<br>YS1RS<br><br><b>1076</b><br>AG4TO<br>HA2ESM<br>KB5CSQ<br>N2BSA<br>OZ3ABU<br>TF1A<br>W1ZZ<br><br><b>1075</b><br>AC4CA<br>DL5SDB<br>IK5QPS<br>JA5XWB<br>JJ2SEE<br>K1TN<br>N7NF<br>NN4DF<br>PA5KT<br>VE3SMA | WB9W<br>YB2IQ<br><br><b>1074</b><br>HK3VHZ<br>JA5ALE<br>JE0EHE<br>KC2ATK<br>M0IFT<br>N7PIB<br>W1WN<br>W8EOG<br>WA4VJK<br>WB6RAB<br><br><b>1073</b><br>G3VSQ<br>JA1UWB<br>JF2UEE<br>JF3GFH<br>K2TA<br>LA3SG<br>NE3K<br>RA6WF<br>W1DDD<br>W4AFB<br><br><b>1072</b><br>DL3NCR<br>IZ8BRI<br>JH3LIB<br>K0HB<br>LZ1JZ<br>RV3DB<br>SP5GQ<br>W5PD<br>ZS2ACP<br><br><b>1071</b><br>K0KV<br>KJ4FZ<br>LA2RZ<br>M0VCB<br>ND9M<br>NK9O<br>VK3MB<br>WI4R<br><br><b>1070</b><br>JA7GZM<br>N3PPH<br>NJ9C<br>NR0Q<br>OZ7BQ<br>W9LU |
|---|---|---|---|---|

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|---|---|---|--|--|
| <b>1069</b><br>N0HJZ<br>SM3OMO<br>UA9UX<br>W4GV<br>W4HPW<br>YU1NR   | <b>1063</b><br>JF7PHE<br>K7GA<br>KB3MXK<br>NR3Z<br>VE6PL<br>W5CJF<br>WN9Q   | WM4D  | <b>1050</b><br>JA1JYS<br>JI1SAI<br>JR2BNF<br>K0MB<br>K0SON<br>KX2B<br>NJ4V<br>NO3U<br>W8RHM                              | WB9MSM   |
| <b>1068</b><br>BW2/JP1RIW<br>CP4BT<br>JA3EGE<br>KB8NTY<br>LA7NO<br>N1BKB<br>N5DI<br>UA0LDW                  | <b>1062</b><br>JH3MHI<br>W1WEF<br>W4KCM<br>W7SYK<br>W8ZR  | <b>1056</b><br>JO4JDU<br>K0GK<br>KC4LZN<br>N0PFE<br>N5JC<br>ZS4JAN                      | <b>1049</b><br>AA3R<br>K5UN<br>N3COB<br>PY2BT<br>W3EP<br>WV1X<br>YO8WW   | <b>1045</b><br>HR5/F2JD<br>IZ1UKF<br>JA1JQM<br>N1GNB<br>WB8TGY   |
| <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>1061</b><br>F8DQL<br>G0MMI<br>JH0NBN<br>KA4LBD<br>LA9SN<br>NF4J<br>SV1HAK  | <b>1055</b><br>I8NLC<br>IK2ULM<br>JG1GJH<br>LA4URA<br>NS0Q<br>UU5WW<br>WD4NGB           | <b>1048</b><br>EI4GNB<br>EI8IQ<br>IZ1POF<br>JK2XJE<br>KH6CQH/W7<br>N1GFV<br>NC6RJ<br>SM7GXR<br>VE3AJ<br>W4ZV<br>WB0RUR   | <b>1044</b><br>DL1TPY<br>HA8UT<br>K4ZW<br>M0AQM<br>UA3EAY<br>W2BCC<br>WD5IYT   |
| <b>1066</b><br>AC7JM<br>AK4PR<br>IT9RWB<br>K1TO<br>N4VG<br>OK1DO<br>ON6LY<br>W3ZQI                          | <b>1060</b><br>EI9HX<br>G4GEE<br>IK4PKL<br>IZ1EPM<br>W5IP<br>W9IM   | <b>1054</b><br>EA4OR<br>JA0CRG<br>JA4EII<br>KB3KJ<br>N4NM                               |  | <b>1043</b><br>DF1TJ<br>G4WGE<br>HL1XP<br>JA1HQG<br>JH4EII<br>K1GW<br>K1XH<br>KC3AK<br>KM4CQG<br>N6ZM<br>NT4K<br>SK6QA |
| <b>1065</b><br>DL1ZBO<br>EA4BHK<br>JA8WGX<br>K8YFM<br>N4DJT<br>N4UW<br>NK9R<br>W4MOT                        | <b>1059</b><br>DL0UM<br>K5AX<br>KI0G<br>LA1FH<br>SV1PIZ<br>YL2CB  | <b>1053</b><br>7N3IJT<br>EI5GSB<br>K6OHM<br>KY6AA<br>V47JA                              | <b>1047</b><br>DM2DXG<br>K0GVT<br>K3ZK<br>KD5RBU<br>KF6E<br>LA2RR<br>M0PCB<br>N4UC<br>N6IBP<br>OH2ECG<br>V31MD<br>VE3GFN | <b>1042</b><br>AB4ZT<br>AG2J<br>K1ETA<br>KB8ZUN<br>S52R<br>W7BC<br>YL/RG5A   |
| <b>1064</b><br>DS5WQT<br>ES2BL<br>IK1AAS<br>JA1DHY<br>N6XI  | <b>1058</b><br>9A5MI<br>JA2BL<br>JF2RSF<br>K0WK<br>K8TE<br>KE9UA<br>N6JOJ<br>SP5UFK<br>SP6FXY<br>SP6QM<br>V31CQ<br>VK2DAG<br>W4BR<br>W6QO<br>W6RA | <b>1052</b><br>IC8XIL<br>IK2QPO<br>IK2RLS<br>K9WMS<br>KC4EZN<br>N4IDH<br>W3PT<br>YB2BOB | <b>1046</b><br>AB4EJ<br>DL2MWB<br>KL7KK<br>KU4GC<br>N8JK<br>NR5R<br>R6AZ<br>W4ALF<br>W6INO                               | <b>1041</b><br>A92BE<br>DJ2TG<br>IU8GNY<br>JG2NLN<br>N7WR<br>NI0K  |
|   |   | <b>1051</b><br>AK0MR<br>G3VXJ<br>K9JJR<br>K9NS<br>KB0FHP                                |  | <b>1040</b><br>8P5A<br>AA0BH<br>AE4VJ<br>DK4SR<br>K4LCP<br>LA9L<br>NC8I  |

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| UT4ZX<br>W2RDS   | W3TA<br>W6VIO  | <b>1028</b><br>IK1RKN<br>K5WE<br>K6GCN<br>W4SW<br>WA6APQ<br>WB9TFH<br>YB3OSE<br>ZS6X   | <b>1023</b><br>4X1EL<br>AC2RL<br>F6FFA<br>IK4SBR<br>IN3TWX<br>IU4AZC<br>JA1MZM<br>JA1QDB<br>KI6PG<br>N7YQ<br>RA3T<br>WI9WI<br>WU1U | G3WKL<br>HB9HFM<br>JE6PJP<br>JH8UGL<br>JJ0PJD<br>JL2ULM<br>KB1AWM<br>NX3A<br>P40P                  |
| <b>1039</b><br>3W3B<br>9A3QO<br>AC0W<br>CT7ABD<br>JK1NPH<br>K9IO<br>KX5M<br>NF8J<br>NQ4A<br>PT2BW<br>W7CQQ | <b>1034</b><br>DL2DCX<br>K9AAA<br>LZ1PM<br>WA1HXH  | <b>1027</b><br>4K9W<br>DJ9HQ<br>KG4VPC<br>W5XG<br>WD4OHD   | <b>1022</b><br>EW3MM<br>G4CWD<br>I0LTX<br>K4BYN<br>KF1P<br>N9AVC<br>OH2BUA<br>W6OZI  | <b>1018</b><br>K4HR<br>K8UHL<br>N3BK<br>N3GTG<br>NL8F<br>OZ4RT<br>R3LC<br>VR2CO<br>W4LLP<br>WB9ZNZ |
| <b>1038</b><br>KT1V<br>R3QF<br>VA1CHP<br>VU2SWS<br>W7GSV<br>YE1AR  | <b>1033</b><br>AA2T<br>AE0MO<br>AE4WG<br>EI2II<br>JA1VDJ<br>JR4DHK<br>K4FW<br>K5GZR<br>KC4ES<br>KU4A<br>M0RTP<br>W9COS | <b>1026</b><br>AA3I<br>DS2GOO<br>JA5OP<br>JA8BZL<br>JA9LX<br>N3DV<br>UA4Q<br>UX4UM<br>VE2WY<br>W2WGK<br>W6WRT<br>WX4W        | <b>1021</b><br>DL1SWN<br>DL7VSN<br>DL9ZAL<br>F5TJC<br>JN1RKE<br>K4VX<br>K6SS<br>KC0V<br>NA9L<br>OH6JKW<br>W2YWC<br>YB2BNN          | <b>1017</b><br>IZ0COI<br>JA1GLE<br>JA3ALY<br>K6VWE<br>KT6AA<br>N2GM<br>RA3AOS<br>W9JOE             |
| <b>1037</b><br>IK5SRF<br>JA1MOH<br>JA7JAA<br>N4CO<br>NE6V<br>OH7LZB<br>W4GHD<br>W4GKR<br>YU1LD             | <b>1032</b><br>9A1A<br>G4DYA<br>LA8ZAA   | <b>1025</b><br>AC1O<br>AE5FM<br>DS5BRE<br>G0KRL<br>NT5EE<br>RL8C<br>RV6ARZ<br>YB9WZJ<br>YV6BTF                               | <b>1020</b><br>E70X<br>JE0HUR<br>JH3FCF<br>K2KNB<br>K2WR<br>KE7BMG<br>LA4EI<br>S53X<br>VE2ACP<br>W1CDC<br>W2PD<br>WA8JBG           | <b>1016</b><br>DS4AKP<br>EW4DX<br>F4GDI<br>HB9DPO<br>K2KQ<br>K9RZ<br>N5ZY<br>W2PSU                 |
| <b>1036</b><br>DL2UR<br>JP1LVI<br>K2QE<br>NN5O<br>SV2SIF<br>UN5GM<br>UY0MM<br>VU3NXI<br>W0ZA<br>WB3LGC     | <b>1031</b><br>4O7CC<br>HB9MXY<br>IK3XJP<br>JO3MXH<br>K0ARM<br>K1JE<br>NX7K<br>OZ1NF<br>WQ9N                           | <b>1024</b><br>CT2GZE<br>DK6WL<br>HL1MKT<br>IZ8DDP<br>JA2LMY<br>JI5RPT<br>JP1QDH<br>K6PBF<br>LZ1QN<br>N4GOA<br>N9GKE<br>W3OP |  | <b>1015</b><br>JA2QCX<br>K4NI<br>K7BWC<br>KI4FSI<br>N6TW<br>VE3VEE<br>W1RCR<br>W7CB                |
| <b>1035</b><br>IU8LMC<br>IV3DXW<br>JA8DIV<br>JE1TNL<br>K4TMG<br>KA9JCP<br>KR0I<br>NC4RY<br>RI1FJ           | <b>1030</b><br>JA6COW<br>K6VVK<br>K7WA<br>LA6VQ<br>NU0Q<br>SV1DVX  |  |  | <b>1014</b><br>DK6CQ<br>DL9QJ<br>EA9LZ<br>K1NOX  |
|  | <b>1029</b><br>CQ0ODX<br>DL6SAK<br>DL7UCX<br>IK7XNA<br>IZ6IOC<br>KH2X<br>W2GHD<br>W6HB                                 |  |  |  |

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| KG5EG       | K4EZY       | JK1NIU      | LA4HC       | W9MB        |
| NW8F        | K7UPJ       | JK1OTP      | NC3O        | WM6Q        |
| PT2CSM      | N2BEG       | K4AEN       | NK2H        | WV8EDU      |
| UT3KW       | WI0E        | K5AR        | OK2MDC      | YL2CP       |
| W2FDM       | <b>1009</b> | KB5WWW      | RA0AM       | <b>1000</b> |
| W2LPL       | 9M8DEN      | KF5BA       | W6ELI       | AA4IB       |
| WB2MKX      | IZ7QSS      | N5KDV       | WA8COB      | AB4BJ       |
| <b>1013</b> | JE4MHL      | NH6Y        | WA9LEY      | AE4S        |
| AF6O        | JL1KBS      | PV8RR       | WB8QZM      | A11W        |
| HB9RE       | K4BNF       | RW4NJ       | <b>1002</b> | DB9CR       |
| IZ0GKB      | K4DXA       | W7RJR       | 7L1UVF      | DL1DV       |
| JA1UBZ      | K5WL        | <b>1005</b> | HB9FKK      | DM6MA       |
| JE4KCN      | N1XL        | DJ3CJ       | I0ZYA       | E25KAE      |
| JK1DDQ      | N2IFA       | DL8XDA      | IN3FCK      | EA3AGY      |
| K5HX        | R3TKM       | GI4SJQ      | JJ1HLL      | EA3HPX      |
| KA5IAU      | W1RH        | JA1FVE      | JS1MRA      | EA4EQD      |
| NA6XX       | WD9FLI      | JN3XEZ      | KX7L        | HB9ARK      |
| NH6L        | WM5DX       | K5FO        | N2UO        | HB9CAT      |
| PY2YW       | <b>1008</b> | KR9A        | N4WOT       | HI3I        |
| R7KW        | 9A1CZZ      | N3EEN       | N4XC        | HS8KAY      |
| SP3WKW      | JA2CKK      | NJ6K        | N8KOJ       | IK1ZNM      |
| VR2CC       | JA2GZK      | PA3AIN      | NZ6N        | IK6TOT      |
| <b>1012</b> | JG4GZK      | SM7WVZ      | OH8NW       | JA0RWF      |
| HB9WDF      | K4SBZ       | UA9AM       | SV3AGT      | JA1VZO      |
| JA1UXV      | K9CHP       | UT9LC       | VE8EV       | JA1WIO      |
| JH1KIM      | KL7XO       | W6DOE       | W6JH        | JA2KAK      |
| JL3RNZ      | RA9SAS      | <b>1004</b> | W6KAP       | JA9KA       |
| K7LAY       | SM0DGW      | CX9AU       | W9CY        | JF3KOA      |
| RA3AA       | W3GP        | GM0SCA      | WX4B        | JG1EBU      |
| RD3BZ       | W3LJ        | JQ2NBX      | YB1MIG      | JG1TFC      |
| UU1JA       | W6LJS       | K0AIZ       | <b>1001</b> | JH4MJO      |
| VU2OT       | W9VOB       | K4LD        | DB2WD       | JR3PKO      |
| W5AAJ       | WB5KSD      | K7UW        | DH2ID       | JR3RIU      |
| <b>1011</b> | WX2K        | K8JRM       | EA1BP       | K2RAS       |
| DL2RPN      | XE1V        | K9IJ        | EI8JX       | K7HV        |
| F5ELL       | <b>1007</b> | K9MRD       | HB9GZE      | K7LOL       |
| JA1PLL      | 7Z1CQ       | KE4GFE      | HS8HEX      | K9DUR       |
| JH4NYG      | K1UM        | LU7HF       | IX1CLD      | KA5JSM      |
| JR3DXJ      | K2TTM       | N2JT        | JA1ASO      | KA6RWL      |
| K3OK        | K4RWP       | OH2CLX      | JA1CCG      | KB3HHA      |
| N5XUS       | K5XM        | S53BB       | JA5RVN      | KB7PKC      |
| OH1HAQ      | KA2F        | VU2AE       | JN1SUT      | KC2NJ       |
| W0OVM       | KR7RK       | W5EW        | K6DLB       | KD0BQS      |
| WW6G        | N3JON       | W9KM        | KB7AZ       | KG4OJT      |
| <b>1010</b> | N8YQX       | WA3KVN      | KG4URP      | KW1X        |
| CT1CQK      | RN4AM       | WE3J        | LA8IB       | KZ5D        |
| EA9AM       | VE3MDX      | <b>1003</b> | N3AS        | LA9DL       |
| HZ1GW       | W9EBO       | AF4Z        | N3DD        | N2YU        |
| IW8CGX      | WA0GOZ      | DF5BX       | N9ATD       | N4LS        |
| JA6CMQ      | WF5W        | DJ3ZF       | NJ1Q        | N4PAJ       |
| JA6SUJ      | XE1SAX      | E29TGW      | PY2RF       | N6MM        |
| JK3NQV      | <b>1006</b> | EU1TT       | VE3FK       | N8BK        |
| K1QQ        | DJ9KV       | IK1RLI      | W2/F2YS     | N8YO        |
|             | G3YBY       | JL1EEI      | W2HDI       | N9APK       |
|             |             |             | W7GTF       | N9NFT       |
|             |             |             |             | NA9J        |

NG4DX  
NT4TN  
OH7HM  
ON5UJ  
PA5X  
PP6ZZ  
PV8AAS  
RA5C  
RM6LW  
RT3I  
UA3DUJ  
VA3EJN  
VU2MB  
W3ENM  
W5GOL  
W7GF  
W8GJK  
WI2E  
YB2TJV  
YO5QAW