

## 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 02 Sep 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 Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

|                               |                                |                                                    |                                 |                                |                                                           |
|-------------------------------|--------------------------------|----------------------------------------------------|---------------------------------|--------------------------------|-----------------------------------------------------------|
| <b>3304</b><br>EA8AK          | <b>3220</b><br>OH2BU           | UX0UN                                              | <b>3174</b><br>SM3GSK<br>WB9Z   | OG2M<br>SP3EPK<br>SV8CS        | <b>3139</b><br>I2AOX                                      |
| <b>3294</b><br>HA0DU          | <b>3216</b><br>OH3SR           | <b>3195</b><br>GM3POI                              | <b>3171</b><br>IK1GPG           | <b>3154</b><br>PA3FQA<br>S58T  | <b>3138</b><br>OH1ND<br>OZ1BTE                            |
| <b>3264</b><br>LZ2DF          | <b>3214</b><br>IK4WMA          | <b>3193</b><br>F6BKI                               | <b>3169</b><br>OH1XX            | <b>3152</b><br>G3KMA<br>JA5AUC | <b>3136</b><br>IZ0AEG<br>N4CC                             |
| <b>3256</b><br>CT1EEB         | <b>3213</b><br>PE5T            | <b>3192</b><br>W3UR                                | <b>3167</b><br>SM6CVX           | <b>3150</b><br>PY2XB<br>SP3E   | <b>3134</b><br>IK4GME                                     |
| <b>3255</b><br>SP5EWY         | <b>3210</b><br>KJ9I            | <b>3191</b><br>W1NG                                | <b>3166</b><br>JA5EXW           | <b>3149</b><br>HB9BGV          | <b>3131</b><br>DF3GY<br>I5NPH<br>WD5COV                   |
| <b>3250</b><br>JA1BK          | <b>3207</b><br>N1DG            | <b>3188</b><br>YU1FW                               | <b>3164</b><br>N3XX<br>NN4T     | <b>3148</b><br>JA3FYC          | <b>3130</b><br>VE3EJ                                      |
| <b>3249</b><br>UT7QF          | <b>3205</b><br>I4AVG           | <b>3187</b><br>K5UR<br>W1JR                        | <b>3163</b><br>SM0AJU           | <b>3147</b><br>OE3GCU          | <b>3129</b><br>EY8MM<br>N0TB<br>SM3EVR<br>SV1FJA<br>UT3UA |
| <b>3246</b><br>4X4DK<br>DF3CB | <b>3204</b><br>N4WW<br>W4DR    | <b>3182</b><br>K5RK<br>W9ZR                        | <b>3162</b><br>JH4UYB           | <b>3145</b><br>UR0MC           | <b>3127</b><br>JE6KYA                                     |
| <b>3235</b><br>S50A           | <b>3203</b><br>G4BWP<br>UT5UGR | <b>3181</b><br>I4EWH                               | <b>3161</b><br>CT1EKY<br>JA4LKB | <b>3143</b><br>K2TQC           | <b>3125</b><br>IK8HJC<br>JF2MBF                           |
| <b>3223</b><br>OZ1LO          | <b>3202</b><br>DJ6RX<br>G0JHC  | <b>3179</b><br>IK4DRY<br>OE6IMD                    | <b>3158</b><br>DL4MCF<br>JR3IIR | <b>3142</b><br>DL7VEE          | <b>3124</b><br>EA3A<br>JQ3DUE                             |
| <b>3222</b><br>DJ9KG          | <b>3201</b><br>IK4MGP<br>K8MFO | <b>3178</b><br>CT1APE<br>JA4DND<br>JH4IFF<br>W3LPL | <b>3157</b><br>9A2AA            |                                |                                                           |
| <b>3221</b><br>JR2KDN<br>K4PI | <b>3197</b><br>EA6SX           |                                                    | <b>3156</b><br>9A7V             |                                |                                                           |

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|-----------------------------------------------------------|-------------------------------------------------|-------------------------------|-----------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------|
| SM6CMU                                                    | <b>3101</b><br>AA7A                             | <b>3078</b><br>N3SL<br>OE2VEL | N8RR                                          | US5WE<br>W5OZI                                                      | JA7QVI<br>SM6CCO<br>T77C                                 |
| <b>3123</b><br>NJ6P                                       | <b>3100</b><br>JH1GZE<br>SP7VC                  | <b>3077</b><br>DF4PL<br>N4BAA | <b>3055</b><br>SM5KNV<br>W2YC                 | <b>3040</b><br>DJ2YA                                                | <b>3026</b><br>I5KKW                                     |
| <b>3120</b><br>JA4LXY<br>W3YX                             | <b>3099</b><br>AA1V<br>LY2IJ                    | <b>3076</b><br>W5ZN           | <b>3054</b><br>JA1HGY<br>K9CT                 | <b>3039</b><br>HB9AMO<br>WK3N                                       | <b>3025</b><br>KW9A<br>N4CH<br>N7NR                      |
| <b>3119</b><br>OK3GU<br>VA3DX                             | <b>3097</b><br>SP9DWT                           | <b>3075</b><br>K4DY<br>SP6CIK | <b>3053</b><br>JR6EZE                         | <b>3038</b><br>DL1AMQ<br>W4PK                                       | <b>3024</b><br>DL5DSM<br>F6BEE<br>LA5IIA                 |
| <b>3118</b><br>G4CCZ<br>IK5HHA<br>N8DX                    | <b>3095</b><br>JA2VPO<br>W0BV                   | <b>3073</b><br>SP5CJQ         | <b>3051</b><br>OE6MDF                         | <b>3037</b><br>F6EXV<br>JA2WYN                                      | <b>3022</b><br>DL2OE<br>OE5KE                            |
| <b>3117</b><br>I0WDX<br>JA2JPA<br>N2QT<br>PA0WRS<br>W4DXX | <b>3093</b><br>W7UT                             | <b>3071</b><br>SL0ZG          | <b>3050</b><br>OH5KW<br>VE1YX                 | <b>3036</b><br>JG1ULJ<br>W9RPM                                      | <b>3021</b><br>CT1IUA<br>JF3KON<br>K4SO                  |
| <b>3114</b><br>IK6DLK                                     | <b>3090</b><br>YO3APJ                           | <b>3070</b><br>YO9HP          | <b>3049</b><br>N4RJ<br>OH1LEU                 | <b>3034</b><br>I4LCK<br>K2FF                                        | <b>3020</b><br>JA0DAI<br>KX4R<br>SP5DIR<br>W3CC          |
| <b>3111</b><br>OH1MA<br>SM5CEU<br>SP2FAX                  | <b>3089</b><br>K3UA                             | <b>3068</b><br>N0XA<br>W8UVZ  | <b>3047</b><br>G4PWA                          | <b>3033</b><br>JA2FBY<br>JA5AQC<br>N2LT<br>UB7K                     | <b>3019</b><br>JJ3PRT<br>N0AT                            |
| <b>3109</b><br>EA5BM<br>SM3NRY                            | <b>3087</b><br>ON4AOI<br>YO5BRZ                 | <b>3067</b><br>IK6FWJ         | <b>3046</b><br>HA5WA<br>K8PT<br>SP1S<br>UT7UJ | <b>3032</b><br>SP8NR<br>UY5ZZ                                       | <b>3018</b><br>JA3EMU                                    |
| <b>3106</b><br>ON4IQ                                      | <b>3086</b><br>UT9FJ                            | <b>3066</b><br>JH2FXK         | <b>3045</b><br>N5KD                           | <b>3031</b><br>AA6YQ<br>G3TXF<br>JR3GWZ<br>JR7VHZ<br>N2TK<br>SP3CFM | <b>3017</b><br>F6DAY<br>R7LV<br>SP7GAQ                   |
| <b>3105</b><br>GM0GAV<br>IZ1ANU                           | <b>3085</b><br>DK5PR<br>IK4CIE                  | <b>3065</b><br>SV1RK          | <b>3044</b><br>K0KX<br>N9IW<br>S51DI          | <b>3030</b><br>IK2YCW                                               | <b>3016</b><br>W1YY                                      |
| <b>3103</b><br>F6AOJ<br>G3XTT                             | <b>3084</b><br>OE1WEU                           | <b>3064</b><br>K4XP<br>NR1R   | <b>3043</b><br>DK5WL<br>JA5MHD<br>N6AR        | <b>3029</b><br>OH2BCK<br>W4TO                                       | <b>3014</b><br>EA6NB<br>K5DU<br>KY7M<br>UA4HBW<br>UT5JAJ |
| <b>3102</b><br>JG3QZN<br>S59Z<br>SM5AQD                   | <b>3082</b><br>KD5M                             | <b>3062</b><br>K4MQG          | <b>3042</b><br>EI7BA<br>F5II<br>JA1UQP        | <b>3028</b><br>AG9S                                                 |                                                          |
|                                                           | <b>3081</b><br>9A2EU<br>HB9BIN<br>KF2O<br>VK4MA | <b>3061</b><br>G0DQS<br>UX1UA | <b>3041</b><br>HA8IE                          |                                                                     |                                                          |
|                                                           | <b>3080</b><br>9A1CCY                           | <b>3060</b><br>G3ZSS          |                                               |                                                                     |                                                          |
|                                                           |                                                 | <b>3056</b><br>K1CP           |                                               |                                                                     |                                                          |

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|----------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|---------------------------------------|--------------------------------------------------------------------|
| <b>3013</b><br>SM6DHF                              | <b>3001</b><br>FK8CP<br>G3SJX<br>N3NT<br>US4EX<br>VE2TZT<br>W4UM                      | RA3CQ<br>W3LL                            | <b>2968</b><br>N4II                          | <b>2953</b><br>K9RX                   | K0EU<br>OZ1AXG<br>OZ8BZ<br>UA3AB<br>UR5WA<br>W6XA                  |
| <b>3012</b><br>K5XI<br>N5DG<br>W3DF                |                                                                                       | <b>2984</b><br>MD0CCE                    | <b>2966</b><br>AD5A                          | <b>2952</b><br>IK6SNR<br>K5BG<br>KV7K |                                                                    |
| <b>3011</b><br>DJ8NK                               | <b>3000</b><br>5B4AGN<br>DJ4AX<br>F5UKW<br>JA7MSQ<br>JH4ADV<br>K9EL<br>OK6DJ<br>SP3DV | <b>2982</b><br>K5KC                      | <b>2965</b><br>DK1FW<br>K3FN<br>K4SV<br>W1GL | <b>2951</b><br>JA9CHI<br>K1ZZ         | <b>2937</b><br>JL1SAM<br>RA3DX<br>WB6RSE                           |
| <b>3010</b><br>F5NBU<br>G4OBK<br>K8SIX             |                                                                                       | <b>2980</b><br>JJ2LPV<br>N4XM            |                                              |                                       |                                                                    |
| <b>3009</b><br>AA1QD<br>R4GM                       | <b>2998</b><br>K4UTE                                                                  | <b>2979</b><br>N2WK<br>N6JV              | <b>2964</b><br>CT4NH<br>DJ0MDR<br>JA2IVK     | <b>2950</b><br>K4MWB                  | <b>2936</b><br>K1ST                                                |
| <b>3008</b><br>JA2JW<br>RW2A<br>S53R               | <b>2997</b><br>DJ5FI                                                                  | <b>2978</b><br>N2NL                      | <b>2963</b><br>JA1XEC                        | <b>2949</b><br>N7RT<br>NK1K<br>OK1MP* | <b>2935</b><br>K9NW<br>R3OK                                        |
| <b>3007</b><br>SP2GJV                              | <b>2996</b><br>VE3XN<br>W4VQ                                                          | <b>2977</b><br>JA0FSB<br>K5ESW           | <b>2962</b><br>YV1DIG                        | <b>2947</b><br>K1UO<br>W1TSP<br>YU3AA | <b>2933</b><br>9A3SM                                               |
| <b>3006</b><br>UT7UW                               | <b>2995</b><br>UA4CC                                                                  | <b>2976</b><br>EA5RM                     | <b>2961</b><br>N5ZM<br>W0VTT                 | <b>2946</b><br>HB9BZA                 | <b>2932</b><br>EA1DFP                                              |
| <b>3005</b><br>AA4V*<br>IW1ARB                     | <b>2994</b><br>K0IEA                                                                  | <b>2975</b><br>JF1PUW<br>K5EJ<br>WP4U    | <b>2960</b><br>DK2LO<br>OH3BU                | <b>2945</b><br>W7AO                   | <b>2931</b><br>F2JD<br>IK5MEN<br>JA3PIS                            |
| <b>3004</b><br>EA1DR<br>IV3JVJ<br>IV3ODE<br>JH0INP | <b>2992</b><br>DL7MAE<br>K1HTV                                                        | <b>2974</b><br>JA0EOK<br>KA9CFD<br>OZ3PZ | <b>2959</b><br>EA6VQ<br>K4IQJ<br>UA3AKO      | <b>2944</b><br>WA7NB                  | <b>2930</b><br>IZ8FWN<br>OH5VT                                     |
| <b>3003</b><br>9A5CY<br>IZ1LBG<br>OE2LCM<br>PY2BW  | <b>2991</b><br>JA2JNA                                                                 | <b>2973</b><br>WX4G                      | <b>2958</b><br>JA1SYY<br>W3KX                | <b>2943</b><br>I8IGS<br>JA2DPC        | <b>2929</b><br>AB3CV<br>JF8QNF                                     |
| <b>3002</b><br>JA0UUA<br>JA6BZI<br>UX0FF           | <b>2990</b><br>NI0G                                                                   | <b>2972</b><br>IK4DRR<br>JH1IFS          | <b>2957</b><br>K2UO                          | <b>2942</b><br>K0SR                   | <b>2928</b><br>AC4G<br>DJ4PI<br>IK5ACO<br>IK6GPZ<br>JA2FJP<br>RA7A |
|                                                    | <b>2989</b><br>JH1HGC                                                                 | <b>2971</b><br>UA6A<br>W9IXX             | <b>2956</b><br>NO8D<br>RZ3AM                 | <b>2941</b><br>N4JF                   |                                                                    |
|                                                    | <b>2988</b><br>DF2UU<br>N4MM                                                          | <b>2970</b><br>UX1AA                     | <b>2955</b><br>JH2UVL                        | <b>2940</b><br>JA0CRI<br>JH1TWT       | <b>2927</b><br>EA4KD<br>OZ4O                                       |
|                                                    | <b>2986</b><br>K4QL                                                                   | <b>2969</b><br>K5EK                      | <b>2954</b><br>N8PR<br>SP8AJK                | <b>2939</b><br>IZ8FFA                 | <b>2926</b><br>DM5EE<br>N8TR                                       |

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| UA4CR                                                                     | <b>2912</b><br>K4HB<br>W1CU                                        | <b>2897</b><br>OZ1CTK                                     | <b>2883</b><br>EA7TV<br>PY5EG                                       | <b>2869</b><br>JA2XYO<br>J12KXK<br>JN7FAH<br>LA7HJA<br>SP6HEQ | <b>2857</b><br>JA4FKX<br>UA6MF<br>VE3FF            |
| <b>2925</b><br>HA5AGS<br>I3BUI<br>N5AW<br>S54E                            | <b>2911</b><br>CT1ILT<br>JO7WXN                                    | <b>2896</b><br>JA1ANR<br>KG7H                             | <b>2882</b><br>JA7JWF                                               |                                                               | <b>2856</b><br>JF2UPM<br>SM2OAN<br>W1ECT           |
| <b>2923</b><br>K2UU<br>N9US<br>OE5NNN                                     | <b>2910</b><br>K3UL                                                | <b>2895</b><br>AA1ON                                      | <b>2881</b><br>N5TY*<br>W9RN                                        | <b>2868</b><br>AB4IQ<br>IZ5DKJ<br>N8BM*                       | <b>2855</b><br>JR3OEH<br>OE1ZL<br>SP3IBS<br>UR5EDX |
| <b>2922</b><br>K1AR                                                       | <b>2909</b><br>JA0GJJ                                              | <b>2894</b><br>RJ3AA                                      | <b>2879</b><br>G3LZQ<br>JA2NDQ<br>JA5IU<br>JH1RFR<br>LA5HE<br>SP6CZ | <b>2867</b><br>JA3RAR<br>JH4JNG<br>JL1UXH<br>K1DG<br>NQ1K     | <b>2854</b><br>KG4W<br>RV3LO                       |
| <b>2921</b><br>K9ZO<br>W5XX                                               | <b>2908</b><br>HA1RW<br>JE2LUN<br>K8FL<br>RW5C                     | <b>2892</b><br>N4NX<br>WB4OSS                             | <b>2878</b><br>JA2ZL<br>LA4GHA<br>N4PQX<br>RW0LT<br>W1RM            | <b>2866</b><br>KN4F                                           | <b>2852</b><br>W5TCX                               |
| <b>2920</b><br>N4QS<br>OH1TV                                              | <b>2907</b><br>DL1EJA                                              | <b>2891</b><br>CT1FMX                                     | <b>2865</b><br>G0OIL<br>UA3DPM                                      |                                                               | <b>2851</b><br>F4BKV<br>NY0V                       |
| <b>2919</b><br>DL1DUL<br>K9NU<br>LZ2JE                                    | <b>2906</b><br>EA3JL<br>OH3JR<br>UA3TCJ<br>W6UB                    | <b>2890</b><br>JH1ECG<br>OK1CF<br>R5AJ<br>RZ1OA<br>W3NO   | <b>2877</b><br>SM3VAC<br>SP9JZU                                     | <b>2864</b><br>A45XR<br>OH2BLD                                | <b>2850</b><br>JR3VXR<br>SP3CGK<br>W1TC            |
| <b>2917</b><br>9A2NO<br>IZ1BII                                            | <b>2905</b><br>PY5HOT<br>W18A                                      | <b>2889</b><br>EA1N<br>IK0MHR<br>JR4OZR<br>K3WC<br>SM5CZQ | <b>2876</b><br>LA7JO<br>SM6CTQ                                      | <b>2863</b><br>4Z5CX<br>DJ5AV<br>N4DB                         | <b>2849</b><br>IK7NXM<br>JA2LCP<br>RY7G            |
| <b>2916</b><br>EA3GP<br>RU3FM                                             | <b>2904</b><br>PY5EW                                               |                                                           | <b>2875</b><br>W4FC                                                 | <b>2862</b><br>E72A<br>K3WW<br>R3AW                           | <b>2848</b><br>N5UR<br>VE3LYC                      |
| <b>2915</b><br>W8AV                                                       | <b>2903</b><br>HK3W<br>RY9C                                        | <b>2888</b><br>EA7R<br>K4HGX<br>N8JV                      | <b>2872</b><br>JA8EAT<br>JA9APS<br>K5MC<br>K8ZTT<br>RA4CC           | <b>2860</b><br>IT9JNR<br>NE1B<br>UW5ZM<br>YO7LCB              | <b>2847</b><br>N2TU*                               |
| <b>2914</b><br>OM3DX<br>RK4FD<br>W2IRT                                    | <b>2901</b><br>K4CN<br>W0MHK                                       | <b>2887</b><br>JA6LCJ                                     | <b>2871</b><br>JA2BDR<br>JA9LJS<br>J14POR<br>JL1RUC                 |                                                               | <b>2846</b><br>IK1YED<br>JA9FPI<br>KF0QR<br>R7DX   |
| <b>2913</b><br>EA5BY<br>I1EIS<br>K4XO<br>N4HU<br>OE8RT<br>ON4CD<br>SM6CNN | <b>2900</b><br>9A2F<br>EU7A<br>IV3YYK<br>JA1ADT<br>JF4VZT<br>W4DKS | <b>2886</b><br>K6ND                                       | <b>2870</b><br>EA1YO<br>ZS4TX                                       | <b>2859</b><br>HL3IUA<br>JA1EOD<br>K4ZYU                      | <b>2845</b><br>R9FM<br>WA4FFW                      |
|                                                                           |                                                                    | <b>2884</b><br>JE8BKW<br>R7AA                             |                                                                     | <b>2858</b><br>SM6DHU                                         |                                                    |

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| <b>2844</b><br>JA1SJV<br>K3WA<br>UA4LY                                       | VE3EXY<br><br><b>2833</b><br>K0DEQ      | JA9RRH<br>JO1WKO<br>N4AH<br>SP6DNZ<br>UA0ZC                | WB9CIF<br><br><b>2809</b><br>AG4W<br>DL6KR                  | <b>2796</b><br>JS3CTQ<br><br><b>2795</b><br>K6FG | UA3LAR<br><br><b>2780</b><br>CT1GFK<br>N7US              |
| <b>2843</b><br>JE1SYN<br>W8GC                                                | <b>2832</b><br>DL4CF<br>K5ZK<br>N0AV    | <b>2820</b><br>I4MKN<br>JR7BDQ                             | <b>2808</b><br>LB8DC                                        | <b>2794</b><br>IK4PLW                            | <b>2779</b><br>K0JGH<br>NI6T<br>W6SR                     |
| <b>2842</b><br>SM4EMO                                                        | <b>2830</b><br>K9EU<br>SP1MGM<br>UA3AP  | <b>2819</b><br>N9AU*<br>SV1AVD                             | <b>2807</b><br>DK6WA<br>K1OA                                | <b>2793</b><br>RA3DA                             | <b>2778</b><br>JA6CRP<br>NN4X                            |
| <b>2841</b><br>DF6PB<br>JF1WPB<br>K0KT                                       | <b>2829</b><br>DJ9HX<br>N5OK<br>W7DO    | <b>2818</b><br>I6FLD                                       | <b>2806</b><br>G3SNN<br>JA1DUH<br>JS2LHI<br>LA3MHA<br>W9XY  | <b>2792</b><br>JH3CUL<br>SM0CCM                  | <b>2777</b><br>DK5AD<br>JA9PPC<br>JE1FQV<br>W0YG<br>W1FJ |
| <b>2840</b><br>DK2NG<br>KC7V<br>SV1CNS                                       | <b>2828</b><br>IK2QPR<br>K5KLA<br>OK2ZU | <b>2817</b><br>JH1NYM<br>RU6B<br>S52F<br>WA5VGI            | <b>2805</b><br>5B4MF<br>F6HDH<br>HA9PP                      | <b>2790</b><br>4Z5MU<br>W0UO                     | <b>2776</b><br>JA6VQA<br>K8GG                            |
| <b>2839</b><br>K2VV<br>LA7AFA                                                | <b>2827</b><br>9A2JK<br>DF2RG           | <b>2816</b><br>IK5DNF<br>K9US                              | <b>2804</b><br>VA5DX<br>W9AJ                                | <b>2789</b><br>F5PAC<br>I1FQH<br>IK4HLU<br>VE3DZ | <b>2775</b><br>9A2NA<br>JA7KY                            |
| <b>2838</b><br>JR2LJO<br>W1DIG<br>W8OI                                       | <b>2826</b><br>AA4HP<br>ON4GG<br>WA2VYA | <b>2815</b><br>9H1SP<br>RL9F<br>SV1DPI                     | <b>2803</b><br>EA3WD                                        | <b>2788</b><br>N5ORT                             | <b>2774</b><br>JH3VNC<br>N5XZ                            |
| <b>2837</b><br>DL6ATM<br>G4IRN<br>VE1DX<br>W9OP                              | <b>2825</b><br>K5XX                     | <b>2814</b><br>IW0HEX<br>JA5XAE                            | <b>2802</b><br>HB9ALO<br>IK0XBX<br>K7NN<br>KA9FOX<br>MM0EAX | <b>2787</b><br>KN5O<br>VE3BW<br>W9MU             | <b>2773</b><br>HB0CC<br>K3PA                             |
| <b>2836</b><br>HB9DDO                                                        | <b>2824</b><br>AB6QM<br>IK1WGX          | <b>2813</b><br>9A8A<br>DL5WW                               | <b>2800</b><br>IK0FUX<br>RU3QR<br>W5XC                      | <b>2784</b><br>K5AQ<br>W7KNT<br>WE9R             | <b>2772</b><br>IZ8VYU                                    |
| <b>2835</b><br>EA6ET<br>UA1OIZ<br>UT2UB                                      | JA4MRL<br>JE2URF<br>RZ3DX<br>W2SM       | <b>2812</b><br>9A4T<br>K7ZV                                | <b>2799</b><br>W2LO                                         | <b>2783</b><br>G0BLB<br>N5FG                     | <b>2771</b><br>K2CL<br>PA3C<br>RU3DX<br>UA3AGW<br>UR5MID |
| <b>2834</b><br>AA5AM<br>AJ6T<br>IK0FVC<br>JA8DNV<br>JR1XIS<br>R7NW<br>SM3NXS | <b>2823</b><br>AI9L                     | <b>2811</b><br>JE2LPC                                      | <b>2798</b><br>SP7HOV<br>SV1JG                              | <b>2782</b><br>SM6BZV                            | <b>2770</b><br>JF2XGF                                    |
|                                                                              | <b>2822</b><br>W6OAT                    | <b>2810</b><br>DK3DG<br>HB9HFN<br>JA4PXC<br>JA9TWN<br>N4DW | <b>2797</b><br>IK0PEA                                       | <b>2781</b><br>DK0PM<br>RN3QN                    | <b>2768</b><br>HA1RB                                     |

|                                                  |                                                 |                                                                            |                                                            |                                                                   |                                                                               |
|--------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>2767</b><br>K5RT                              | <b>2754</b><br>JA1SVP                           | <b>2741</b><br>JA1KQX<br>SV1BTK                                            | K1NU<br>SP9RCL                                             | <b>2719</b><br>F5CQ<br>N7RO                                       | CT1BH<br>K7PI<br>PY4OY<br>SP9UPH<br>UN6T                                      |
| <b>2766</b><br>G0BNR<br>HA7TM<br>WA2WSX          | <b>2753</b><br>AB9V<br>K9MK                     | <b>2740</b><br>R5DT                                                        | <b>2729</b><br>DK2JX<br>G4PTJ<br>JA2KVD<br>K5UO<br>WB4TDH  | <b>2718</b><br>JE1LFX<br>N9FN<br>OE6DK                            | <b>2707</b><br>DM2DXA<br>G4WFQ<br>JH1HHC<br>SP3FAR                            |
| <b>2765</b><br>W1YM                              | <b>2752</b><br>CT1BOL<br>N2BJ<br>SM4DDE         | <b>2739</b><br>F6FXU<br>IT9DSZ                                             | <b>2728</b><br>JJ3HGJ                                      | <b>2717</b><br>AA5C<br>JA5WIZ<br>JF1UVJ                           | <b>2706</b><br>JH7XRG<br>J11LET                                               |
| <b>2764</b><br>AI0O<br>JA4DLP<br>JA9NLE<br>K2RW  | <b>2751</b><br>UA4HAU                           | <b>2738</b><br>HB9DDZ<br>WX1S                                              | <b>2727</b><br>EI6FR<br>JA3AZD<br>OZ1ADL<br>SP2BMX         | <b>2716</b><br>DL7BA<br>UA9FAR<br>W8HC<br>W8HW                    | <b>2705</b><br>EA3BS<br>G5LP                                                  |
| <b>2763</b><br>K3RA<br>RA0FF                     | <b>2750</b><br>K6XT<br>N8DJX                    | <b>2737</b><br>G4IYY<br>JA3GN<br>OH6RX<br>UT7UV                            | <b>2726</b><br>K5GKC<br>LA5LJA<br>RX4HZ                    | <b>2714</b><br>JA6WJL<br>J18DGO<br>JR7WFC<br>NX7U<br>RA3QK        | <b>2704</b><br>JF7XKY<br>K0JUH                                                |
| <b>2762</b><br>9A1HBC<br>DJ9VA                   | <b>2748</b><br>JN1BMX<br>KK2I<br>VA2WA<br>W6RLL | <b>2736</b><br>K4WA                                                        | <b>2725</b><br>DL6MRS<br>EA8AKN<br>JF0EHX<br>R3VA<br>ZS1LS | <b>2713</b><br>HB9TKS<br>JA8RJE<br>OK2QA<br>UA0CW<br>W1MK<br>W5AJ | <b>2703</b><br>DL1YD<br>K8EUR<br>KA1R<br>NM6V<br>SP6M<br>W0FLS                |
| <b>2761</b><br>I4KDJ<br>JA4EPE<br>K6KLY          | <b>2747</b><br>E72U<br>KZ2I<br>N6ET             | <b>2735</b><br>AD1C<br>JA4OK<br>JR1BAS<br>K8NVR<br>KB8VAO<br>W0DJC<br>WT8C | <b>2724</b><br>I7CSB<br>JA3FGJ<br>PY2YP                    | <b>2712</b><br>JG0CQK<br>JH3VWN<br>WB3AVN                         | <b>2702</b><br>AH7C<br>JE2DZC<br>JE2EHP<br>WP4G                               |
| <b>2760</b><br>NV9L<br>UN5J                      | <b>2746</b><br>KP2A<br>UY5AA                    | <b>2734</b><br>AJ9C<br>G4GIR<br>S52DD<br>W6YI                              | <b>2723</b><br>SM5FUG                                      | <b>2711</b><br>JE3GRQ                                             | <b>2701</b><br>HB9SLO<br>K7BG<br>OE3EVA<br>R6AF<br>SP3CJS                     |
| <b>2759</b><br>IK4ADE<br>ZS6EZ                   | <b>2745</b><br>W2LK                             | <b>2733</b><br>CU2DX<br>K8AC                                               | <b>2722</b><br>NS4C<br>W5ADD                               | <b>2710</b><br>EA2IA                                              | <b>2700</b><br>AA8CH<br>DJ9ZB<br>JH4ALY<br>JH7RXU<br>N9LB<br>RA9CMO<br>WA2HZO |
| <b>2758</b><br>PY2SP                             | <b>2744</b><br>JR6FC<br>RA3XDX                  | <b>2732</b><br>JA5NLN<br>UT8IO<br>W7OM                                     | <b>2721</b><br>DL9GFB<br>W9XX                              | <b>2709</b><br>HB9AUS<br>R9TO<br>W8TN                             |                                                                               |
| <b>2757</b><br>SV2AEL                            | <b>2743</b><br>RD3K                             | <b>2731</b><br>DJ9ON                                                       | <b>2720</b><br>CT3MD<br>ON4IZ<br>US0KW<br>UX3IW            | <b>2708</b><br>9A5X                                               |                                                                               |
| <b>2756</b><br>RV3FT<br>UN7JX                    | <b>2742</b><br>DL5ME<br>K1BD<br>KB0EO<br>SP9ODY | <b>2730</b><br>JK1EXO                                                      |                                                            |                                                                   |                                                                               |
| <b>2755</b><br>DL5AN<br>K1GG<br>PA3EWP<br>SP6CES |                                                 |                                                                            |                                                            |                                                                   |                                                                               |

|                                                           |                                                         |                                                   |                                                                   |                                                           |                                                                      |
|-----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------|
| <b>2699</b><br>IZ8XQC<br>K8WK<br>UT4MF<br>WB0TEV<br>YU1CC | <b>2686</b><br>KD6WW<br>RM0F                            | <b>2672</b><br>G3VKW                              | <b>2658</b><br>9K2OD<br>DF3UB<br>JA2ATE<br>ON4ON<br>UW2ZM<br>W4QN | KS1J                                                      | JA7LGE<br>K1DT<br>K4XD<br>N1NK<br>S57AC<br>WC5N                      |
| <b>2698</b><br>K8GI<br>RW3RN                              | <b>2684</b><br>G4OWT<br>W5CIA                           | <b>2671</b><br>JE7JDL<br>K1KD                     |                                                                   | <b>2646</b><br>JN1GTG                                     |                                                                      |
| <b>2697</b><br>KJ3L<br>YS1RR                              | <b>2682</b><br>CT1FCX<br>IK8YTA<br>IZ3ENH<br>VE6WQ      | <b>2670</b><br>DL3ZA<br>JA5FBZ<br>R8TX<br>YL2MU   | <b>2657</b><br>N3MN<br>RA1QD                                      | <b>2645</b><br>W3JX<br>W4TV                               | <b>2633</b><br>K6GXO<br>NU8Z<br>W6XK                                 |
| <b>2695</b><br>W5FKX                                      | <b>2681</b><br>EA8JF<br>IK3XJP                          | <b>2668</b><br>JA7MOL                             | <b>2656</b><br>DL5CW<br>K0JY<br>NS6C                              | <b>2644</b><br>LA3WAA<br>N1IBM<br>N1SV<br>SM6CUK          | <b>2631</b><br>9A1CAL<br>IV3IZU<br>JA7IC<br>K9XD<br>OE3SGU<br>RX3AGD |
| <b>2694</b><br>JA1WSK                                     | <b>2679</b><br>EW2A<br>JA3ENN<br>JE1BMJ<br>N7KA<br>WX2S | <b>2665</b><br>WA8WV                              | <b>2655</b><br>HB9LCW<br>JH8RZJ<br>UA3TT                          | <b>2642</b><br>OE5FIN<br>W9BF                             |                                                                      |
| <b>2693</b><br>W0AW                                       |                                                         | <b>2664</b><br>K4SE<br>W7CT                       | <b>2654</b><br>DL4SZB<br>K0BBC<br>SM6NOC<br>W8DCH                 | <b>2641</b><br>K8TL<br>OE1WHC<br>W2YJ                     | <b>2630</b><br>JJ1DWT                                                |
| <b>2692</b><br>K3JGJ<br>PE1L                              | <b>2678</b><br>DF2IS<br>JE3ENP<br>K6AM                  | <b>2663</b><br>I5ZGQ<br>OE4PWW<br>OE5RLM          | <b>2653</b><br>JA3APL<br>NN4R                                     | <b>2640</b><br>DL6ZXG<br>IV3RAV<br>JA2AHH<br>WA3C         | <b>2629</b><br>JK1KSB<br>W4OX                                        |
| <b>2691</b><br>CU2AP<br>F5HNQ<br>WE7K                     | <b>2677</b><br>IK4BHO<br>K0KVR<br>NA5C<br>W4BP          | <b>2662</b><br>JA9CHJ<br>JE2OVG<br>K9MM           | <b>2652</b><br>AF9H<br>IZ0RVI<br>LA8PT<br>SK3PY<br>UT5EL<br>W5LT  | <b>2638</b><br>CX6VM<br>JA2CXF<br>RW3XZ<br>SV3DCX<br>W2JU | <b>2628</b><br>IT9ELD<br>K2SHZ<br>KF8UN<br>PY2XU<br>WA0MHJ           |
| <b>2690</b><br>JA1XCZ<br>OE1AZS<br>SP7ITB<br>W1SKU        | <b>2676</b><br>4Z4DX<br>EC3A<br>K9IR<br>W2PK<br>YB5QZ   | <b>2661</b><br>JE6TSP<br>JG3IWL<br>W9ILY          | <b>2651</b><br>AA9A<br>EA5KA<br>JN1RQV<br>SM0NJO<br>WB8BPU        | <b>2637</b><br>UA0FZ<br>UN7LZ                             | <b>2627</b><br>G3WPH<br>N7IR<br>RW4C                                 |
| <b>2689</b><br>W2KKZ<br>W6VX                              |                                                         | <b>2660</b><br>DJ4XA<br>JA7MFL<br>RW4NN<br>SP3QDM |                                                                   | <b>2636</b><br>EA5GPQ<br>K1LPS<br>K8VFX<br>N8KOL          | <b>2626</b><br>K1USA<br>WA1JMP                                       |
| <b>2688</b><br>JA0DIN<br>JA0IXW<br>OH2FT                  | <b>2675</b><br>KE9ET                                    |                                                   | <b>2649</b><br>AD5Q<br>N5LZ                                       | <b>2635</b><br>G3SVD                                      | <b>2625</b><br>GM3PPE<br>JH1BZJ<br>WA9PIE                            |
| <b>2687</b><br>W3AP<br>WN6W                               | <b>2674</b><br>JH1QAX                                   | <b>2659</b><br>K8BCK<br>KZ4V<br>LA9AJA            | <b>2647</b><br>K2EP                                               | <b>2634</b><br>EI2GLB<br>I5HOR                            | <b>2624</b><br>DF9ZW<br>JA1IZZ<br>JH1AGU<br>KM1D                     |

|                                                                   |                                                                   |                                                          |                                                            |                                                                       |                                                                             |
|-------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------|
| LA7GIA                                                            | N8LJ                                                              | W3OA                                                     | W6RW                                                       | DK2GZ                                                                 | <b>2569</b><br>F3SG<br>NN4SS<br>RD3AW<br>RU6L                               |
| <b>2623</b><br>N9RS                                               | <b>2613</b><br>KK9DX                                              | <b>2603</b><br>K4XI<br>W8KEN                             | <b>2592</b><br>JK1OPL                                      | <b>2579</b><br>I8JIT<br>JA2FGL<br>UA0SR<br>W9FR                       | <b>2568</b><br>KI0KB<br>YO2RR                                               |
| <b>2622</b><br>K0TT<br>RA3ZH<br>RZ4FO<br>W4FQT                    | <b>2612</b><br>DL1DUO<br>JG4AKL<br>K4TT<br>N5GH<br>RL3FA          | <b>2602</b><br>DL2KQ<br>JA7JI<br>KG8P                    | <b>2591</b><br>IK0HFO<br>N4RWG                             | <b>2578</b><br>DS1JFY<br>W6NWS                                        | <b>2567</b><br>JA3RQ<br>PY5CC<br>SV2BFN                                     |
| <b>2621</b><br>JH6QFJ<br>JM1FHL<br>W4WM                           | <b>2611</b><br>K2LS<br>K5VIP<br>KM4H<br>OH9MDV<br>W1KSZ<br>WB5JID | <b>2601</b><br>HA0UZ<br>JA1GRM<br>K7WP<br>K7XB           | <b>2590</b><br>9A4WY<br>AA4R<br>RW7M                       | <b>2577</b><br>IK5BAF<br>IZ8DFO<br>JA5BEN<br>N7XR<br>VE3MWX<br>WB8ZRL | <b>2566</b><br>AA6AA<br>JA2VMU<br>JG3LGD<br>NC9T                            |
| <b>2620</b><br>AA5AU<br>AJ3K<br>JA9FAI                            | <b>2610</b><br>JA1VSL<br>K6YUI<br>NF9V                            | <b>2600</b><br>IT9XTP<br>W7WM<br>WX0V                    | <b>2589</b><br>HB9CQK<br>JQ6RUP<br>JR1GJP<br>K1LD<br>RW0CF | <b>2576</b><br>IK5PWQ<br>JF6WTY<br>W5VY<br>XE1KK                      | <b>2565</b><br>DL5XJ<br>HK4SAN<br>IK5RUN<br>JA9NFO<br>N4QQ                  |
| <b>2619</b><br>N6ED<br>ND0N                                       | <b>2609</b><br>CT1FPQ<br>WD8JJA                                   | <b>2599</b><br>CT1EAV                                    | <b>2588</b><br>IK2OVC<br>N2TN                              | <b>2575</b><br>JK1GOK<br>N3KK                                         | <b>2564</b><br>ER3DX<br>I1JQJ<br>JM1CYJ<br>VE3CFK<br>W5BPT                  |
| <b>2618</b><br>DF2GH<br>K7BV*<br>W2QO                             | <b>2608</b><br>E73Y<br>JA2EPW<br>VK3QI<br>WO2T                    | <b>2598</b><br>JM1XCW<br>K5WK<br>N1RR                    | <b>2587</b><br>DK8MCT<br>EI9JF<br>JA7MA<br>JH4GJR          | <b>2573</b><br>AA5AT<br>JH3AIU<br>SP8FNA                              | <b>2563</b><br>9K2HN<br>UA6EX<br>W0VX                                       |
| <b>2617</b><br>DF9KF<br>JH0BQX<br>K4JJW<br>K4WS<br>K5LJ<br>S52OT  | <b>2607</b><br>KE8UN<br>KU0A                                      | <b>2597</b><br>DL6CNG<br>JA2TBS<br>JA7BWT<br>JI1DHY      | <b>2586</b><br>N8OC                                        | <b>2572</b><br>HB9CZR<br>K4EM<br>SK0TM                                | <b>2562</b><br>PY2NQ<br>WA3AFS                                              |
| <b>2616</b><br>G3ZQH<br>SV5DKL                                    | <b>2606</b><br>RN3OG                                              | <b>2596</b><br>JA1IOA<br>K8IU                            | <b>2585</b><br>OM4EX                                       | <b>2571</b><br>DL5EBE<br>N8PW<br>W3RJW                                | <b>2561</b><br>EA1EAU<br>G3KWK<br>IK0AGU<br>JA1NWD<br>KQ8M<br>W1YIF<br>W9OL |
| <b>2615</b><br>IZ3GOG<br>K6SIK<br>KD0Q<br>KG9N<br>PA1CW<br>SP5IWA | <b>2605</b><br>9A4W<br>IK5MDF<br>JA4ITW<br>PY2KP<br>W8TWA         | <b>2595</b><br>HB9CEX<br>JA3APU<br>NX0I<br>W3GQ<br>W7BEM | <b>2584</b><br>K4ZO                                        | <b>2582</b><br>G3NDC<br>JR4DSM                                        |                                                                             |
| <b>2614</b><br>DL1DA<br>JA1WSX                                    | <b>2604</b><br>DK9KX<br>HL2WA<br>JA1GHH                           | <b>2594</b><br>IT9PKO                                    | <b>2581</b><br>K8YTO<br>W9YSX                              | <b>2580</b><br>BA4RF                                                  |                                                                             |

|                                                                      |                                                                   |                                                                            |                                                            |                                                                              |                                                                                                |
|----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>2560</b><br>K1ZN<br>K3JT                                          | <b>2549</b><br>DL5CF<br>IK8GYS<br>OH1NX<br>PC3T<br>SK7AX<br>W6QUV | <b>2538</b><br>JM2RUV<br>SV1LK                                             | RA3WDK<br>UA1OMS                                           | <b>2519</b><br>N4GN<br>RG5A<br>RZ6BS                                         | JR1DUP<br>K7SP<br>LY1G<br>N3RC<br>N4PY<br>VK3GA                                                |
| <b>2559</b><br>JA9AGN                                                |                                                                   | <b>2537</b><br>AD6W<br>JA2XCR<br>JF2WGN<br>JH0INE<br>UW8SM<br>W4CK<br>WO7R | <b>2528</b><br>K3XA<br>K9JF<br>N4LR<br>W6ENZ<br>W8RLS      | <b>2517</b><br>W1OX                                                          |                                                                                                |
| <b>2558</b><br>DL9MRF<br>JA1QOA<br>SM6BG<br>W2XI<br>WB9EEE           | <b>2548</b><br>EA1AF<br>IW2FND<br>OH2ZZ<br>RC9F<br>SP1JRF         |                                                                            | <b>2527</b><br>IZ4GWE<br>JA1ALT<br>JA6BJV<br>KA8SYV        | <b>2516</b><br>CT1CJJ<br>YV5NWG                                              | <b>2509</b><br>DK1WB<br>I2EOW<br>JR1BLX<br>NQ7R<br>US3LR                                       |
| <b>2557</b><br>DK3WW<br>JA8EJO<br>K0BJ<br>S55DX<br>WA2BCK            | <b>2547</b><br>JA0DET<br>YV5JBI                                   | <b>2536</b><br>K0RS<br>KI5BLU                                              |                                                            | <b>2515</b><br>K2NV<br>K3NK<br>SP6A<br>VA3LX<br>W0LS<br>WB8ZRV               | <b>2508</b><br>HB9CXZ<br>JF1KMC<br>K7GEX<br>K8FH<br>OE8SPW                                     |
| <b>2556</b><br>DL1KUR<br>IZ5JMZ<br>PA5TT<br>W4VIC                    | <b>2546</b><br>KD0PO<br>SP6TRX<br>W7MO                            | <b>2535</b><br>EA1CP<br>KM4HI<br>LA2PA<br>N9ISN<br>WA6YEE                  | <b>2526</b><br>IK2OHG<br>JA1LSP<br>N6VR                    |                                                                              |                                                                                                |
|                                                                      | <b>2545</b><br>EA3BT<br>JR9OPJ<br>UY5BC                           | <b>2534</b><br>DL2CHN<br>HL3GOB<br>IV3GOW<br>SM4AZQ                        | <b>2525</b><br>I8SAT<br>JG8FWH<br>K2PK<br>N9RD<br>UA9FGR   | <b>2514</b><br>AE5E<br>G3TTJ<br>R9OK<br>R9SA<br>SV3FUP                       | <b>2507</b><br>HB9RYZ<br>I0JBL<br>RU6M<br>W6BJH                                                |
| <b>2555</b><br>CT3HF<br>JA1WPX<br>JR7FRW<br>K8ROX<br>OZ1HX<br>SP6EQZ | <b>2544</b><br>IZ5EKV<br>LA9VFA<br>LU8EKC                         | <b>2533</b><br>JA4DEN<br>JH4HMG<br>R9AB                                    | <b>2524</b><br>4Z5AV<br>JA1RTX<br>JH1EEB<br>OH1XT<br>XE2CQ | <b>2513</b><br>9A2X<br>JA1FQI<br>JE1PNX<br>JH1QDB<br>K9MBQ<br>WT8V           | <b>2506</b><br>DL1SMA<br>JA2HYD<br>JI4WAO<br>K5FUV<br>N6RW<br>RA1AOB<br>W5ODD<br>W7YAQ<br>WD5K |
| <b>2554</b><br>IT9DAA<br>JA9CWJ<br>W3BW<br>WW3S                      | <b>2543</b><br>K6FW<br>K7ZA                                       | <b>2532</b><br>IZ2AMW                                                      | <b>2523</b><br>G8DX<br>K2KA<br>UN7TW                       | <b>2512</b><br>IK8EPC<br>JA5SUD<br>JR2PMT<br>N6RV<br>RV9CX<br>UA0CA<br>UT7UU | <b>2505</b><br>DF2TT<br>JH7IAJ<br>K2TE<br>K7EG<br>LA2QM<br>OH2OT<br>W1VT                       |
| <b>2553</b><br>K6EME<br>W1YW                                         | <b>2542</b><br>OH6JD<br>W7LR                                      | <b>2531</b><br>JA1ELY<br>UA6YW                                             | <b>2522</b><br>IZ4AIK<br>K1HT<br>K6RO<br>VK3HJ<br>WO2N     |                                                                              |                                                                                                |
| <b>2552</b><br>OE8HIK                                                | <b>2541</b><br>JF1KKV<br>W3DRY                                    | <b>2530</b><br>AA4SC<br>K5WAF<br>KB1EFS<br>KD3CQ<br>ON6AA<br>W7AL          | <b>2520</b><br>K4MS<br>N4HB<br>RA4CA                       | <b>2511</b><br>EV1R<br>JA0AOO<br>KR4F<br>W2GG<br>W6TC                        | <b>2504</b><br>EU1KY<br>IK7XLU<br>LU2NI                                                        |
| <b>2551</b><br>LA5YJ<br>SP3SLA                                       | <b>2540</b><br>EI9FBB<br>JN7DOS<br>KE4YD                          | <b>2529</b><br>IW0HQE<br>K8QM                                              |                                                            | <b>2510</b><br>DK5AI                                                         |                                                                                                |
|                                                                      | <b>2539</b><br>RA3S                                               |                                                                            |                                                            |                                                                              |                                                                                                |

|                                                                                                                                                                                                           |                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2503</b><br>DJ3AA<br>EA5CRC<br>JH3GCN<br>RN8W<br>SP8HKT<br>SV1QN<br>SV2DGH<br>W1ZT                                                                                                                     | WA4LOX<br>WD4LBR<br><br><b>2499</b><br>W1LW<br><br><b>2498</b><br>K4JAF<br><br><b>2497</b><br>JA7LMZ<br>RZ3FW<br>S51U<br><br><b>2496</b><br>IK2SGB<br>K4MK<br><br><b>2495</b><br>JA7AUM | <b>2483</b><br>K8BL<br>LU3CQ<br>N1LN<br><br><b>2482</b><br>WB2REM<br><br><b>2481</b><br>IZ5RVG<br>JA0VSH<br>JA2AH<br>JH1SJJ<br>JR6LLN<br>VU2NKS<br><br><b>2480</b><br>LA0FA<br><br><b>2479</b><br>LA3BO<br>W4RFZ<br><br><b>2477</b><br>JJ1SKG<br>SV1VS<br><br><b>2476</b><br>DL6JZ<br><br><b>2475</b><br>OZ2PBS<br>WA1S<br><br><b>2474</b><br>PY2VA<br><br><b>2473</b><br>DF3IS<br>K5YCM<br><br><b>2472</b><br>DL1TRK<br>IK4IYC<br>SM5GMZ<br>SP7TF<br>SV1IW<br><br><b>2471</b><br>JA1HRQ<br><br><b>2469</b><br>G4BUE | <b>2468</b><br>DL8ZAW<br>IK4AUY<br>N6DX<br>OZ8SW<br><br><b>2467</b><br>W0GJ<br><br><b>2466</b><br>CT3FT<br>ON5UE<br>S57AT<br>SV9COL<br><br><b>2464</b><br>IK2VUC<br>JA1VLK<br>UN9L<br>W6SZN<br><br><b>2463</b><br>K6KO<br>WD9DZV<br><br><b>2462</b><br>W6TMD<br><br><b>2461</b><br>K1KA<br>W4SO<br><br><b>2460</b><br>JA8BNP<br>W8LGJ<br><br><b>2459</b><br>K2AZ<br><br><b>2458</b><br>JA1ADN<br>JF3LOP<br>N0KV<br><br><b>2457</b><br>IV3VBM<br>JH1BNC<br>N5KM<br><br><b>2456</b><br>JG1WSC<br>N5JB<br>W8DX | <b>2455</b><br>K9NR<br>N5MOA<br>N6PF<br>W1OPD<br><br><b>2454</b><br>F5LVL<br>KA2D<br>LA9VDA<br>N2JJ<br>NA5DX<br>W2OO<br><br><b>2453</b><br>JA8KSF<br>SV1GYG<br><br><b>2452</b><br><br><b>2451</b><br>UA0BA<br><br><b>2450</b><br>IK0LNN<br>JF1IRW<br><br><b>2449</b><br>IK7EOT<br><br><b>2448</b><br>9K2GR<br>JA1GHR<br>JA1JAT<br>K3VAT<br>K7GM<br>WA6F<br><br><b>2447</b><br>GM3YOR<br>JA4BXL<br><br><b>2446</b><br>OH1ZK<br>OK1DWC<br>OZ1LCG<br>W0AWL<br><br><b>2444</b><br>JA9GPG<br><br><b>2443</b><br>G4DJX | KS0DX<br><br><b>2442</b><br>DL4CW<br>NE9U<br><br><b>2441</b><br>W5IF<br>W8MJ<br><br><b>2440</b><br>EA5AT<br>K5PS<br>OH1JP<br>SM5CLE<br>W5PF<br><br><b>2439</b><br>F3AT<br>SP3PLD<br><br><b>2438</b><br>DL2FAG<br>DL9TJ<br>KQ4AV<br>OH4UI<br><br><b>2437</b><br>ON4CAS<br>W9OA<br><br><b>2436</b><br>W9OO<br><br><b>2435</b><br>K9ZM<br>N3CZ<br><br><b>2434</b><br>CT1DKS<br>HB9BUN<br>JE8TGI<br>N5KO<br>N9CK<br>SM5CZK<br>W9DC<br>WA9CVK<br><br><b>2431</b><br>JE8CLT<br>N7BT |
| <b>2502</b><br>DS5USH<br>G4IUF<br>JA8JTH<br>JH0MXV<br>JH1OAI<br>K9SM<br>KT8X<br>RV1CC<br>W5ZG                                                                                                             | JA7LMZ<br>RZ3FW<br>S51U<br><br><b>2496</b><br>IK2SGB<br>K4MK<br><br><b>2495</b><br>JA7AUM                                                                                               | JA0VSH<br>JA2AH<br>JH1SJJ<br>JR6LLN<br>VU2NKS<br><br><b>2480</b><br>LA0FA<br><br><b>2479</b><br>LA3BO<br>W4RFZ<br><br><b>2477</b><br>JJ1SKG<br>SV1VS<br><br><b>2476</b><br>DL6JZ<br><br><b>2475</b><br>OZ2PBS<br>WA1S<br><br><b>2474</b><br>PY2VA<br><br><b>2473</b><br>DF3IS<br>K5YCM<br><br><b>2472</b><br>DL1TRK<br>IK4IYC<br>SM5GMZ<br>SP7TF<br>SV1IW<br><br><b>2471</b><br>JA1HRQ<br><br><b>2469</b><br>G4BUE                                                                                                   | CT3FT<br>ON5UE<br>S57AT<br>SV9COL<br><br><b>2464</b><br>IK2VUC<br>JA1VLK<br>UN9L<br>W6SZN<br><br><b>2463</b><br>K6KO<br>WD9DZV<br><br><b>2462</b><br>W6TMD<br><br><b>2461</b><br>K1KA<br>W4SO<br><br><b>2460</b><br>JA8BNP<br>W8LGJ<br><br><b>2459</b><br>K2AZ<br><br><b>2458</b><br>JA1ADN<br>JF3LOP<br>N0KV<br><br><b>2457</b><br>IV3VBM<br>JH1BNC<br>N5KM<br><br><b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                                                                                                   | LA9VDA<br>N2JJ<br>NA5DX<br>W2OO<br><br><b>2453</b><br>JA8KSF<br>SV1GYG<br><br><b>2452</b><br><br><b>2451</b><br>UA0BA<br><br><b>2450</b><br>IK0LNN<br>JF1IRW<br><br><b>2449</b><br>IK7EOT<br><br><b>2448</b><br>9K2GR<br>JA1GHR<br>JA1JAT<br>K3VAT<br>K7GM<br>WA6F<br><br><b>2447</b><br>GM3YOR<br>JA4BXL<br><br><b>2446</b><br>OH1ZK<br>OK1DWC<br>OZ1LCG<br>W0AWL<br><br><b>2444</b><br>JA9GPG<br><br><b>2443</b><br>G4DJX                                                                                      | EA5AT<br>K5PS<br>OH1JP<br>SM5CLE<br>W5PF<br><br><b>2439</b><br>F3AT<br>SP3PLD<br><br><b>2438</b><br>DL2FAG<br>DL9TJ<br>KQ4AV<br>OH4UI<br><br><b>2437</b><br>ON4CAS<br>W9OA<br><br><b>2436</b><br>W9OO<br><br><b>2435</b><br>K9ZM<br>N3CZ<br><br><b>2434</b><br>CT1DKS<br>HB9BUN<br>JE8TGI<br>N5KO<br>N9CK<br>SM5CZK<br>W9DC<br>WA9CVK<br><br><b>2431</b><br>JE8CLT<br>N7BT                                                                                                    |
| <b>2501</b><br>EA3CJ<br>G0EHO<br>JA1TMG<br>JH1OBS<br>K8OM<br>OH2IS<br>W4WT<br>W6JRY                                                                                                                       | JA1IXY<br>K2FU<br>W9XT<br><br><b>2493</b><br>NW7E<br>W1BR<br>WS6X                                                                                                                       | JA0VSH<br>JA2AH<br>JH1SJJ<br>JR6LLN<br>VU2NKS<br><br><b>2480</b><br>LA0FA<br><br><b>2479</b><br>LA3BO<br>W4RFZ<br><br><b>2477</b><br>JJ1SKG<br>SV1VS<br><br><b>2476</b><br>DL6JZ<br><br><b>2475</b><br>OZ2PBS<br>WA1S<br><br><b>2474</b><br>PY2VA<br><br><b>2473</b><br>DF3IS<br>K5YCM<br><br><b>2472</b><br>DL1TRK<br>IK4IYC<br>SM5GMZ<br>SP7TF<br>SV1IW<br><br><b>2471</b><br>JA1HRQ<br><br><b>2469</b><br>G4BUE                                                                                                   | CT3FT<br>ON5UE<br>S57AT<br>SV9COL<br><br><b>2464</b><br>IK2VUC<br>JA1VLK<br>UN9L<br>W6SZN<br><br><b>2463</b><br>K6KO<br>WD9DZV<br><br><b>2462</b><br>W6TMD<br><br><b>2461</b><br>K1KA<br>W4SO<br><br><b>2460</b><br>JA8BNP<br>W8LGJ<br><br><b>2459</b><br>K2AZ<br><br><b>2458</b><br>JA1ADN<br>JF3LOP<br>N0KV<br><br><b>2457</b><br>IV3VBM<br>JH1BNC<br>N5KM<br><br><b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                                                                                                   | LA9VDA<br>N2JJ<br>NA5DX<br>W2OO<br><br><b>2453</b><br>JA8KSF<br>SV1GYG<br><br><b>2452</b><br><br><b>2451</b><br>UA0BA<br><br><b>2450</b><br>IK0LNN<br>JF1IRW<br><br><b>2449</b><br>IK7EOT<br><br><b>2448</b><br>9K2GR<br>JA1GHR<br>JA1JAT<br>K3VAT<br>K7GM<br>WA6F<br><br><b>2447</b><br>GM3YOR<br>JA4BXL<br><br><b>2446</b><br>OH1ZK<br>OK1DWC<br>OZ1LCG<br>W0AWL<br><br><b>2444</b><br>JA9GPG<br><br><b>2443</b><br>G4DJX                                                                                      | EA5AT<br>K5PS<br>OH1JP<br>SM5CLE<br>W5PF<br><br><b>2439</b><br>F3AT<br>SP3PLD<br><br><b>2438</b><br>DL2FAG<br>DL9TJ<br>KQ4AV<br>OH4UI<br><br><b>2437</b><br>ON4CAS<br>W9OA<br><br><b>2436</b><br>W9OO<br><br><b>2435</b><br>K9ZM<br>N3CZ<br><br><b>2434</b><br>CT1DKS<br>HB9BUN<br>JE8TGI<br>N5KO<br>N9CK<br>SM5CZK<br>W9DC<br>WA9CVK<br><br><b>2431</b><br>JE8CLT<br>N7BT                                                                                                    |
| <b>2500</b><br>4Z1UF<br>5B4AHJ<br>DL1HRN<br>EA5BRE<br>IK5CBE<br>IT9CVO<br>IZ7FLP<br>IZ8IEV<br>K2UR<br>K5VWW<br>K8RRT<br>N1EN<br>N4EFS<br>N4QV<br>N9BX<br>OH8LXT<br>RA3SS<br>SQ1X<br>VE3RA<br>W3UA<br>W7FN | JA1FGB<br>JA6TMU<br>WQ3X<br><br><b>2489</b><br>G3OAG<br><br><b>2488</b><br>K3FRK<br><br><b>2487</b><br>EA1RT<br><br><b>2486</b><br>S52RZ<br>W1AIM<br><br><b>2485</b><br>LB2TB<br>ZL3JT  | JA0VSH<br>JA2AH<br>JH1SJJ<br>JR6LLN<br>VU2NKS<br><br><b>2480</b><br>LA0FA<br><br><b>2479</b><br>LA3BO<br>W4RFZ<br><br><b>2477</b><br>JJ1SKG<br>SV1VS<br><br><b>2476</b><br>DL6JZ<br><br><b>2475</b><br>OZ2PBS<br>WA1S<br><br><b>2474</b><br>PY2VA<br><br><b>2473</b><br>DF3IS<br>K5YCM<br><br><b>2472</b><br>DL1TRK<br>IK4IYC<br>SM5GMZ<br>SP7TF<br>SV1IW<br><br><b>2471</b><br>JA1HRQ<br><br><b>2469</b><br>G4BUE                                                                                                   | CT3FT<br>ON5UE<br>S57AT<br>SV9COL<br><br><b>2464</b><br>IK2VUC<br>JA1VLK<br>UN9L<br>W6SZN<br><br><b>2463</b><br>K6KO<br>WD9DZV<br><br><b>2462</b><br>W6TMD<br><br><b>2461</b><br>K1KA<br>W4SO<br><br><b>2460</b><br>JA8BNP<br>W8LGJ<br><br><b>2459</b><br>K2AZ<br><br><b>2458</b><br>JA1ADN<br>JF3LOP<br>N0KV<br><br><b>2457</b><br>IV3VBM<br>JH1BNC<br>N5KM<br><br><b>2456</b><br>JG1WSC<br>N5JB<br>W8DX                                                                                                   | LA9VDA<br>N2JJ<br>NA5DX<br>W2OO<br><br><b>2453</b><br>JA8KSF<br>SV1GYG<br><br><b>2452</b><br><br><b>2451</b><br>UA0BA<br><br><b>2450</b><br>IK0LNN<br>JF1IRW<br><br><b>2449</b><br>IK7EOT<br><br><b>2448</b><br>9K2GR<br>JA1GHR<br>JA1JAT<br>K3VAT<br>K7GM<br>WA6F<br><br><b>2447</b><br>GM3YOR<br>JA4BXL<br><br><b>2446</b><br>OH1ZK<br>OK1DWC<br>OZ1LCG<br>W0AWL<br><br><b>2444</b><br>JA9GPG<br><br><b>2443</b><br>G4DJX                                                                                      | EA5AT<br>K5PS<br>OH1JP<br>SM5CLE<br>W5PF<br><br><b>2439</b><br>F3AT<br>SP3PLD<br><br><b>2438</b><br>DL2FAG<br>DL9TJ<br>KQ4AV<br>OH4UI<br><br><b>2437</b><br>ON4CAS<br>W9OA<br><br><b>2436</b><br>W9OO<br><br><b>2435</b><br>K9ZM<br>N3CZ<br><br><b>2434</b><br>CT1DKS<br>HB9BUN<br>JE8TGI<br>N5KO<br>N9CK<br>SM5CZK<br>W9DC<br>WA9CVK<br><br><b>2431</b><br>JE8CLT<br>N7BT                                                                                                    |

|                                                                                 |                                                     |                                                                  |                                                   |                                                                |                                                           |
|---------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|
| <b>2430</b><br>A65BR<br>AF4HX<br>HB9FMN<br>KJ6P<br>KT1J<br>N6TA<br>W7ZJ<br>WL7E | <b>2419</b><br>IK2EGL<br>JA1FNO<br>KF7PG            | K1UU<br>N6HC<br>W2AY<br>WA0RVK<br>YO2CMI                         | <b>2397</b><br>F5PBM<br>IZ5BAM<br>JA1DOF<br>K2TWI | W2NO                                                           | K7ZD<br>W2LE                                              |
| <b>2429</b><br>IZ4DPV<br>JH7BKN                                                 | <b>2418</b><br>KM3V<br>W4MAY                        | <b>2405</b><br>DJ4GJ<br>IV3KFB<br>JH4ADK<br>K6PJ<br>OE2BZL       | <b>2396</b><br>HB9ICC<br>KJ9C<br>N7TY<br>PA3CSR   | <b>2384</b><br>I2YDX<br>K7HP<br>K8YSE<br>KQ3F<br>LA9GX<br>W8UV | <b>2372</b><br>SP6JIU                                     |
| <b>2427</b><br>LX2A                                                             | <b>2417</b><br>JA6BEE                               |                                                                  | <b>2395</b><br>WB7B                               | <b>2383</b><br>RK3QY                                           | <b>2371</b><br>GM0AXY<br>K8UT<br>XE2X<br>YL2KF            |
| <b>2426</b><br>EA3GHZ<br>N4GG                                                   | <b>2416</b><br>IV3HYD<br>OE6VIE<br>RA3DNC<br>SV1ACK | <b>2404</b><br>JA4FHE<br>K1CA<br>K5KV<br>KS3F<br>PY2DS<br>SV9AHZ | <b>2394</b><br>K4TEA                              | <b>2382</b><br>HB9BAT                                          | <b>2370</b><br>DL2UH<br>IK6QOP<br>N9UA<br>OE2GEN          |
| <b>2425</b><br>DJ9RR<br>HB9AZZ<br>HL4CJG<br>JA2FBC<br>JE2HCJ<br>ZS6WB           | <b>2415</b><br>JR5JAQ<br>WQ5W                       |                                                                  | <b>2393</b><br>JR4LNG                             | <b>2381</b><br>JL2JVX                                          | <b>2368</b><br>JP1IOF                                     |
| <b>2424</b><br>HB9IQB<br>W2OIB                                                  | <b>2414</b><br>I4ENO<br>JI1NJC<br>KG6I              | <b>2403</b><br>JG3SKK<br>R0FA<br>WA3OFR                          | <b>2392</b><br>N2WB<br>N6PSE<br>PA7TWO<br>W4HG    | <b>2380</b><br>K1ESE<br>ON4ATW<br>W4UCK<br>YB1UUN              | <b>2367</b><br>HB9DHG<br>HS1NGR<br>JA2CEJ                 |
| <b>2423</b><br>DL2VPO<br>KB1JZU<br>W1EBI                                        | <b>2413</b><br>CT1BWU<br>K9FN<br>KA8ZPE             | <b>2402</b><br>JK1TCV<br>N9JV<br>W8MET                           | <b>2391</b><br>JE1DXC                             | <b>2379</b><br>OH3NHF                                          | <b>2366</b><br>BA4DW<br>DL9FCY<br>K9FD*                   |
| <b>2422</b><br>4X6ZK<br>IZ4MJP                                                  | <b>2412</b><br>I5OYY<br>WA0I                        | <b>2401</b><br>DJ8ES<br>HA7UW<br>N2NS                            | <b>2390</b><br>JA1TAA<br>K4RG<br>K9RS             | <b>2378</b><br>F5IL                                            | <b>2365</b><br>EA3NP<br>K8YC<br>PY2MC<br>W3FOX<br>W9JA    |
| <b>2421</b><br>AA8OY                                                            | <b>2410</b><br>I0YQV<br>IK4MSV<br>JA0EIY<br>KJ0M    | <b>2400</b><br>IZ2FOS<br>KM3T<br>W8WEJ                           | <b>2389</b><br>JA1BPA                             | <b>2377</b><br>K1NTR<br>ZS2DL                                  | <b>2364</b><br>AA8LL<br>AD4ES<br>IW1QN<br>LU4FPZ          |
| <b>2420</b><br>CT1APN<br>DF5AU<br>DJ5JH<br>JA7EPO<br>VE6LB<br>WD0DAN            | <b>2409</b><br>HA5AO<br>W7MEM                       | <b>2399</b><br>HP2AT<br>N5UL                                     | <b>2388</b><br>G3VPW                              | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>NE3F<br>SV1FJP              | <b>2363</b><br>EA6EE<br>N8BJQ<br>RA5BM<br>VE3VHB<br>VE3YF |
|                                                                                 | <b>2407</b><br>JH6PFY<br>UR5FEO<br>ZL1BYZ           | <b>2398</b><br>AA3B<br>AA7G<br>HA5VZ<br>K2SX<br>W2GW             | <b>2387</b><br>K9YC                               | <b>2375</b><br>WB8K<br>ZL4TT                                   | <b>2362</b><br>IZ8DBJ                                     |
|                                                                                 | <b>2406</b><br>K1LT                                 |                                                                  | <b>2386</b><br>JF1RYU<br>K4YMQ<br>PA7RA<br>W1EQ   | <b>2374</b><br>IU0HDC<br>KA7T<br>RN3RQ                         |                                                           |
|                                                                                 |                                                     |                                                                  | <b>2385</b><br>DL8LE<br>LA8HGA                    | <b>2373</b><br>JA4VLK<br>K0TPP                                 |                                                           |

|                                                           |                                                   |                                                                    |                                                                                      |                                                                 |                                                                     |
|-----------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| JA7QFU<br>JE2RDO<br>NA5Q                                  | <b>2349</b><br>JA3EOP<br>SV8CKM                   | <b>2338</b><br>FG5FR<br>JE1AEX<br>JH1CHU<br>K8AJS<br>OK1FED        | <b>2328</b><br>JL1XMN<br>K1LI<br>N2DPF<br>W3IP<br>WA1SXX                             | W5FI                                                            | WT4Q                                                                |
| <b>2361</b><br>CT3KN<br>JA8DKJ                            | <b>2348</b><br>DJ5JK<br>DL8SCG<br>K5KPE<br>K7UA   | <b>2337</b><br>JA2BQX<br>JH1LPF<br>K0GD<br>VE3CRG<br>W6RS<br>W8JRK | <b>2327</b><br>4L1MA<br>AB5A<br>HK1MW<br>LB6KC<br>N2LM<br>S52TJ<br>SM5ARL<br>WF2S    | <b>2318</b><br>KK1W<br>S55SL<br>W8CZN                           | <b>2308</b><br>IK7FPV<br>IT9RYJ<br>JA7ZP<br>K4CMS<br>N4TJ<br>ZL2IFB |
| <b>2360</b><br>N6MZ<br>N8SNM                              | <b>2347</b><br>IZ3ETU<br>JF2ICB<br>PY2IQ          |                                                                    |                                                                                      | <b>2317</b><br>JF0CSK<br>K2XF                                   |                                                                     |
| <b>2359</b><br>F6ECI<br>OZ1IKY<br>W4DC                    | <b>2346</b><br>G3NKC<br>JA9AA                     | <b>2336</b><br>EW4M<br>K0VXU<br>K4XR<br>W5GAI                      | <b>2326</b><br>K4PB                                                                  | <b>2316</b><br>EA1JO<br>JH1IED<br>K0GY<br>W5GZ                  | <b>2307</b><br>DL6UAA<br>IK8VRH<br>K8DV<br>N0RB<br>W9HBH<br>XE1MEX  |
| <b>2358</b><br>AA8R<br>WF4U                               | <b>2345</b><br>K7LJ<br>SM4CTI<br>WA2NPD           | <b>2335</b><br>DF7EE<br>DL5XAT<br>JR8AMF                           | <b>2325</b><br>BH4QYX<br>JA2IYJ<br>JH8SLS<br>K9GA<br>WA4JQS                          | <b>2315</b><br>N5BO                                             | <b>2306</b><br>BA4MY<br>JK3GHE                                      |
| <b>2357</b><br>KD9HL                                      | <b>2344</b><br>EA1AUS<br>JA7PL<br>RZ3DJ           | <b>2334</b><br>HB9BYQ<br>JA1SKE<br>W0GG<br>W2YE                    | <b>2324</b><br>EA1SA<br>IK1SOW<br>JA2FSM<br>JR9LKE<br>N0RN<br>N3UA<br>PZ5RA<br>VE6AX | <b>2314</b><br>AI2N<br>JA6OXT<br>K1ZZI<br>VU2CPL<br>WB8CQV      | <b>2305</b><br>JK1UNZ<br>K8CW<br>NE8P<br>W7AH                       |
| <b>2356</b><br>JA3BXF<br>K1KO<br>N1GC<br>N6QQ<br>US0YA    | <b>2343</b><br>IZ8EDJ<br>W0TT                     | <b>2333</b><br>HA0HW<br>OH1NDA<br>W0HBH                            |                                                                                      | <b>2313</b><br>JA4HAW<br>JA7BVH<br>K5DHY                        | <b>2304</b><br>JA8UIV<br>OK5TK                                      |
| <b>2355</b><br>9K2NO<br>JA8FHM<br>N6UK<br>NA9RB<br>SM3LGO | <b>2342</b><br>IK8JVG<br>SM7IUN<br>SP9WZS         | <b>2332</b><br>7K1PTT<br>K6UM                                      | <b>2323</b><br>JH4BTI<br>K0CS                                                        | <b>2312</b><br>JA2KNW<br>JA6CBG                                 | <b>2303</b><br>HI8R<br>HL2CFY                                       |
| <b>2354</b><br>K0XB                                       | <b>2341</b><br>SM2GCQ<br>VE3EK                    | <b>2331</b><br>AC0A<br>IK6OIN<br>K0QC<br>K1IT<br>KG9Z              | <b>2321</b><br>JA4ZA<br>W6UC                                                         | <b>2311</b><br>K8ME<br>KE6FV<br>PP1CZ<br>R3ST<br>SM5CRV<br>WC5M | <b>2302</b><br>I2VGW<br>JA7CVL<br>JG4BLW<br>N4RF<br>W2WG            |
| <b>2353</b><br>9K2GS                                      | <b>2340</b><br>DK7YY<br>W0RX                      |                                                                    | <b>2320</b><br>I8QJU<br>W9BEA                                                        | <b>2310</b><br>JA5BGA<br>JF1LMB<br>VU2PTT                       | <b>2301</b><br>JP1NWZ<br>W5JAY                                      |
| <b>2352</b><br>ZS1A                                       | <b>2339</b><br>JF2WXS<br>JR3UIC<br>N5ZC<br>SM3DMP | <b>2330</b><br>9A1AD<br>IK2RPE<br>K3TN                             | <b>2319</b><br>JA9GLW<br>K7MTR<br>UA3ECJ                                             | <b>2309</b><br>HB9BOI<br>HB9BXE<br>HL2IFR                       | <b>2300</b><br>JA8NFV<br>K0LUZ<br>OE5BWN<br>W7HPW                   |

|                                                  |                                                                           |                                                            |                                                        |                                                                                |                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>2299</b><br>I5CRL                             | <b>2286</b><br>JG3FEA<br>JH3FHQ<br>OH1NPW                                 | LA4PM                                                      | <b>2264</b><br>K7TM<br>N4MHQ<br>UR3EO<br>W1OW<br>W5ZPA | <b>2254</b><br>KE9L<br>S57XX<br>W9PZT                                          | JE2UFF<br>NY2NY                                           |
| <b>2298</b><br>HK3X<br>HL3DE<br>JA3BSL<br>JO4CFV | <b>2284</b><br>JA1PTJ<br>OE2KHM                                           | <b>2274</b><br>W1SRD                                       |                                                        | <b>2253</b><br>JH1DGQ<br>W1YRC                                                 | <b>2241</b><br>JR1WCT<br>NA2M*<br>NF1G<br>OH1TX<br>UA1ACG |
| <b>2297</b><br>LB5WB<br>W3YY                     | <b>2283</b><br>JA4FM<br>JJ1BMB<br>KA1ERL<br>N4JQQ                         | <b>2273</b><br>HI3T<br>K0AZ<br>K8BN<br>N7NG                | <b>2263</b><br>JK1BSM                                  | <b>2252</b><br>OZ1LWT<br>RN9N                                                  | <b>2240</b><br>9A2TN<br>K4MM<br>K6SRZ<br>WV4TN            |
| <b>2295</b><br>EW1BA<br>K5JC<br>KA2MGE           | <b>2282</b><br>AA5JF<br>AB0X<br>IZ8GGF                                    | <b>2272</b><br>EA3AKY<br>KE1F<br>N4XP<br>N5DD              | <b>2262</b><br>OK1DH<br>W8GNM                          | <b>2251</b><br>N4TV<br>W5ZO<br>WA4CEM                                          | <b>2239</b><br>JA0DWY<br>W4ABW                            |
| <b>2294</b><br>N6HY<br>PY2RO<br>RU3ZX<br>WS7L    | <b>2281</b><br>I1NVU                                                      | <b>2271</b><br>K9RR<br>W0SZ<br>W8LRO<br>WA3F               | <b>2261</b><br>F9XL<br>IZ8EEL<br>JR6IKD<br>S51NM       | <b>2250</b><br>DL1SP<br>EA8BYR<br>IZ2DLV<br>JE2JMV<br>JH1XUM<br>K6ZZ<br>OH5LLR | <b>2238</b><br>JA1CMD<br>K5FZ                             |
| <b>2293</b><br>JA1BOQ<br>N2WLG                   | <b>2280</b><br>JA3NHL<br>K6YRA<br>W8OP                                    | <b>2270</b><br>EA3XP<br>IZ8FDH<br>JG1OGM<br>KG2KJ<br>UA4AZ | <b>2259</b><br>UA6FJ<br>UT3UZ<br>W3RW                  | <b>2249</b><br>AB5C<br>JH1VUO<br>N2VW<br>WP4EJH                                | <b>2237</b><br>F5BOY<br>I5MPN<br>K2EQ                     |
| <b>2292</b><br>JA3XNH<br>RZ3DW<br>W5VQ           | <b>2279</b><br>LA6UL<br>W5SL                                              | <b>2269</b><br>JH0GHZ<br>W2/CT1GIF<br>W9FI                 | <b>2258</b><br>DF2NS<br>I0OSI<br>K6DT<br>W3MR          |                                                                                | <b>2236</b><br>AB0CT<br>JA0PE<br>K2FW<br>N1EVK            |
| <b>2291</b><br>JH1RGG<br>SP3XR                   | <b>2278</b><br>JH2IEE<br>JR3REX<br>K4WNW<br>N9RC<br>NK0S<br>OZ5HP<br>W5WT | <b>2268</b><br>K3SEW<br>K9OW                               | <b>2257</b><br>IK2SND<br>JH4FEB<br>K4NNX<br>K8NKQ      | <b>2247</b><br>K4HMB                                                           | <b>2235</b><br>IK6BSN<br>JH1IAQ<br>K5JZ<br>NF4A           |
| <b>2290</b><br>IV3XNF<br>JA3FHL<br>W7CA          | <b>2277</b><br>DL1WM<br>IK1PMR                                            | <b>2267</b><br>9A5N<br>IZ1GLT<br>YO9FNP                    | <b>2256</b><br>JA9IFF<br>KA4RRU                        | <b>2246</b><br>PY7RP<br>W8UN                                                   | <b>2234</b><br>JA2JRG<br>KX2A                             |
| <b>2289</b><br>AB5EB<br>N9AW                     | <b>2276</b><br>JA4FCV<br>RU1AB<br>RU3SD<br>VE1JBC                         | <b>2266</b><br>JH1APK<br>OH6NIO                            | <b>2255</b><br>EA7SG<br>HC1BI<br>JH1BAM<br>JN3SAC      | <b>2245</b><br>FG8OJ<br>VE1HQ                                                  | <b>2233</b><br>SM7NDX                                     |
| <b>2288</b><br>K0VSH                             |                                                                           | <b>2265</b><br>IK0DWN<br>WS5W                              |                                                        | <b>2244</b><br>BA7IO<br>VO1HP                                                  | <b>2232</b><br>9M6YBG<br>W8ZF                             |
| <b>2287</b><br>PA0ZH                             | <b>2275</b><br>AA1AC                                                      |                                                            |                                                        | <b>2243</b><br>K8NK                                                            |                                                           |
|                                                  |                                                                           |                                                            |                                                        | <b>2242</b><br>JA3KGF                                                          |                                                           |

|                                                                          |                                                                     |                                                                       |                                                                  |                                                                    |                                                                            |
|--------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>2231</b><br>DL4DZL<br>JF2VAX<br>K3EA<br>NT5V<br>OM2DX<br>R9SG<br>W8IQ | <b>2222</b><br>IK8UHA<br>IW0HOU<br>SM7GIB<br>UN3GX                  | <b>2213</b><br>JA0LFV<br>JA8EOT<br>K1YR<br>N4QWF                      | <b>2204</b><br>HA5PT                                             | K2CBI<br>LY3W<br>W1SSN<br>W6AEA<br>W8KA                            | <b>2185</b><br>JA8ZO<br>PY1KN<br>YO3CD                                     |
| <b>2230</b><br>JH3FUK<br>K2SY<br>K9MIE<br>KJ6NZ<br>KR2Q<br>PA0JSE        | <b>2221</b><br>HL3AMO<br>JA2DXD<br>K4VIG<br>K9OT                    | <b>2212</b><br>W2TB                                                   | <b>2203</b><br>G0VXE<br>IK2ANI<br>JA0GCI<br>JA1KPH               | <b>2194</b><br>CT1DOF<br>K5PI<br>N2WKS<br>WB3JFS<br>Z31RQ          | <b>2184</b><br>JR1UFN<br>OH7TV                                             |
| <b>2229</b><br>K2TK<br>N4JT<br>N8MR<br>SM3CBR<br>W5DNT<br>ZL4AS          | <b>2220</b><br>AB4SF<br>EA3EQT<br>EA9IE<br>JH4DYP<br>K9DR<br>OZ7FOC | <b>2211</b><br>E21EIC<br>N4HID<br>UX5UO<br>W0YVA                      | <b>2202</b><br>I5MXX<br>JA8JO<br>UA0FO<br>UR8UQ                  | <b>2193</b><br>K2RD<br>VA3MO                                       | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC<br>NE6I<br>PA1H                   |
| <b>2228</b><br>JE1GWO<br>JG5RVQ                                          | <b>2219</b><br>DJ5EJ<br>KH2L<br>N9SF<br>NW4V                        | <b>2210</b><br>JA0EKI<br>JR1NHD<br>KT8Y<br>NF1O                       | <b>2201</b><br>G3TQZ<br>JH1ACA<br>K6MI<br>N6PE<br>RM3DA<br>RU0SN | <b>2192</b><br>N3BNA                                               | <b>2182</b><br>JH1SOD                                                      |
| <b>2227</b><br>JJ2WOC                                                    | <b>2218</b><br>EU1U<br>JH4CBM<br>W6DR                               | <b>2209</b><br>DL1SVI<br>UN7ECA<br>W4BUW<br>W6RFL                     | <b>2200</b><br>CT1AGS<br>K0DD<br>W2YR<br>W9YE<br>WE9V            | <b>2191</b><br>EA8TH<br>HB9EFK<br>IK2DZN<br>JJ6DGP                 | <b>2181</b><br>IV3TMM<br>W6SL                                              |
| <b>2226</b><br>JA1OVD<br>K7BTW<br>VE7BV<br>W8KL                          | <b>2217</b><br>K1NJ<br>W0HT                                         | <b>2208</b><br>DM5BB<br>DS5ACV<br>IK3SWB<br>KI4DLS<br>W9JJB<br>WA1FCN | <b>2199</b><br>WB8B                                              | <b>2190</b><br>N4SC<br>W3ABT                                       | <b>2180</b><br>4Z5LX<br>IV3TDM<br>JA8BAR<br>RW3QM<br>UN3G<br>UN7FW<br>W5RQ |
| <b>2225</b><br>IW1FGY<br>WA8MCD<br>XE1RBV                                | <b>2216</b><br>SV1HEP                                               | <b>2207</b><br>I5KG<br>JJ1TKN<br>SM5ENX                               | <b>2198</b><br>JA3LDH<br>LA6OP<br>W0QQ                           | <b>2189</b><br>AI6Z<br>IK1ADH<br>JA8CJY<br>N4AL<br>N8NN<br>W2CG    | <b>2179</b><br>DK0UB<br>IV3YIB<br>JF1RPZ<br>WA1PMA                         |
| <b>2224</b><br>AB1OC<br>CU3EQ<br>KD6UO<br>KL0S<br>W3XY                   | <b>2215</b><br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH<br>W9DX         | <b>2206</b><br>4O3A<br>K1EFI<br>OE3HWC<br>PA3ABH                      | <b>2197</b><br>AC9EM<br>SM5CBM                                   | <b>2188</b><br>N4ZH<br>RD3A                                        | <b>2178</b><br>AA4FL<br>K1GE<br>W4JS                                       |
| <b>2223</b><br>K1NY<br>SM3PZG                                            | <b>2214</b><br>JA1DM*<br>K4FJ<br>OZ4VW<br>RN1ON<br>SM5SWA           | <b>2205</b><br>DL2HYH<br>JA0UH<br>JA8FFM<br>JH1UBK                    | <b>2196</b><br>JA2VHO<br>W2FV<br>WA5LFD                          | <b>2187</b><br>JA3OOK<br>JR1MLU<br>RW4CY<br>W8BBQ<br>W8MHW<br>WE1P | <b>2177</b><br>EA4EER<br>N3EN<br>NW6S                                      |
|                                                                          |                                                                     |                                                                       | <b>2195</b><br>DF2NU<br>EW1KP<br>IK8BQE<br>JA0CGJ<br>JK1AJX      | <b>2186</b><br>JM1GHT<br>ZS2EZ                                     | <b>2176</b><br>DJ2SL<br>DS3HWS<br>K4ZIN<br>W5DAW                           |

|                                                   |                                                                      |                                                                                       |                                                                               |                                                          |                                                            |
|---------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|
| <b>2175</b><br>JA4DHN<br>WW2DX                    | N4PJ<br>N5ET<br>S54A                                                 | <b>2153</b><br>EA3GHQ<br>JE2VLG<br>JH0RVY<br>JR7GBL<br>K2BA<br>K4KAY<br>OH2BF<br>S50R | <b>2145</b><br>DF5WA<br>EC1A<br>JH0NEC<br>RQ3A<br>RU6FZ<br>SV1FKZ             | <b>2136</b><br>G3IFB<br>IW3GJF<br>IZ7AUH<br>K7LV<br>N1IX | <b>2127</b><br>HB9AAL<br>K7ACZ<br>W9VNE                    |
| <b>2174</b><br>K5TT<br>N7WS<br>W2OR               | <b>2164</b><br>NY9H<br>S55ZZ                                         |                                                                                       |                                                                               |                                                          | <b>2126</b><br>IK7YZG                                      |
| <b>2173</b><br>G0DBE<br>K2AU<br>LU5FF<br>OE2SCM   | <b>2163</b><br>N4UOZ<br>UA1AIR                                       | <b>2152</b><br>JE1VTZ<br>UA3O<br>W6IGK                                                | <b>2144</b><br>DK2OY<br>G3UAS<br>LU6ETB<br>W4IS                               | <b>2135</b><br>JA7BEW<br>KR6C<br>N5TJ<br>OE7FMH          | <b>2125</b><br>HB9JOE<br>JA1EMQ<br>JH3SIF<br>K2AX          |
| <b>2172</b><br>4F2KWT<br>G3KMQ<br>HI3Y<br>KK0M    | <b>2162</b><br>RZ0AF<br>S59ZZ<br>W7AV<br>YL2TW                       | <b>2151</b><br>N7IP<br>SP1MWK                                                         | <b>2143</b><br>JA1CZI<br>JA3VPA<br>JF3SUL<br>JH2SON<br>JH6EJG<br>K4NA<br>W9RC | <b>2134</b><br>JA1XPQ<br>WB5TUF                          | <b>2124</b><br>7M2PDT<br>CU3AA<br>JA0LXP<br>OZ5NJ<br>W4GIW |
| <b>2171</b><br>UT3UY                              | <b>2161</b><br>JH1WJR<br>N3VA                                        | <b>2150</b><br>KU4XO<br>N4UFO<br>SM5FWW<br>W3FI<br>YB0COU                             |                                                                               | <b>2133</b><br>AJ4A<br>JH2XQY<br>RA3LO<br>W7HR           | <b>2123</b><br>KZ8Y<br>VK3BDX                              |
| <b>2170</b><br>JH1VHU<br>N7UN<br>SV3AQR           | <b>2160</b><br>HS0ZEE<br>I5REA<br>IK1CJO<br>IK4HPU<br>JF3PNQ<br>K1PL | <b>2149</b><br>IZ0NRG<br>JA5NPV<br>JG4NNS<br>K0GW<br>RW9QA                            | <b>2142</b><br>CT3DL<br>JE8LWZ<br>K4JC<br>K8KWT                               | <b>2132</b><br>JA1MZL<br>K7UT<br>W3TN                    | <b>2122</b><br>K1ZE<br>KX4TT<br>LA5SJA<br>W9MJ             |
| <b>2169</b><br>G8AJM<br>JA3MF<br>SP1DSZ           | <b>2159</b><br>DH2PC<br>N1RJ<br>VK3NX                                | <b>2148</b><br>CT1GPQ<br>DL7UPN<br>K4YYL<br>K5GH                                      | <b>2141</b><br>DL2AYK<br>DL9RCF<br>N1RK<br>N6IE                               | <b>2131</b><br>K1RV<br>N2SQW<br>RN3CT<br>W7QDM           | <b>2121</b><br>A65CA<br>IK2ILH<br>KD4S<br>W8JV             |
| <b>2168</b><br>F5UJK<br>HL2EIZ<br>UT4EK           | <b>2158</b><br>K4RO<br>SM4OLL<br>YO3FRI                              | <b>2147</b><br>JH8SIT<br>K3SX<br>N3QE                                                 | <b>2140</b><br>CT4GO<br>IW0GBU<br>JS6TWW                                      | <b>2130</b><br>EA8AXT<br>IK0OPS<br>K0DEW<br>W6YOO        | <b>2120</b><br>JA1WTI<br>OH3NDH<br>SP8FB<br>W1WC<br>W6RKC  |
| <b>2167</b><br>DL1NKS<br>IK6HRB<br>JA2KVB<br>N6PM | <b>2157</b><br>K0KG<br>W6CYX                                         | <b>2146</b><br>9A5TW<br>EA5RD<br>EA8MT<br>KV1J<br>N6KZ<br>W7YA                        | <b>2139</b><br>JF0JYR<br>K2BLA<br>K2SN<br>K8BZ                                | <b>2129</b><br>HB9G<br>JH1BSJ<br>N2AJ<br>WB6EWM<br>XE1H  | <b>2119</b><br>JA7XBG<br>JA8LRG<br>W2KA<br>WB3LHD<br>WI8R  |
| <b>2166</b><br>LA2XPA<br>W2RQ                     | <b>2156</b><br>JA6GPR<br>JH2PWY<br>JN1NBU<br>N5PHT<br>TA1CM          |                                                                                       | <b>2138</b><br>JF4EQJ                                                         | <b>2128</b><br>KE9I<br>RW4PU<br>UN6P                     |                                                            |
| <b>2165</b><br>HL2KV<br>I0MWI<br>JJ1LBJ           | <b>2154</b><br>SP3V                                                  |                                                                                       | <b>2137</b><br>9A9CW<br>K1SM<br>NZ3O                                          |                                                          | <b>2118</b><br>JR6SVM                                      |

|                                                                                       |                                                          |                                                                             |                                                  |                                                                   |                                                                                        |
|---------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| OM5FM<br>R3QW<br>VE3UZ<br>W0JM                                                        | JA8XQI<br>NA5Z<br>ND4X<br>RA1OD                          | K1DC<br>K7KB<br>K8KS<br>KM6HB                                               | W1TO<br>W2ZI<br>W4RDX                            | W5LE<br>W5QM                                                      | <b>2070</b><br>AA4M<br>ND5S                                                            |
| <b>2117</b><br>ER5DX<br>G0FUV<br>OM8FR<br>W0CP                                        | <b>2109</b><br>CT1BWW<br>EA3EQS<br>HB9MEJ<br>JA2QXP      | <b>2100</b><br>DS4AOW<br>N4IQ                                               | <b>2090</b><br>F6HLC<br>K9SG<br>W5RF             | <b>2079</b><br>JA1GVM<br>JR1IZM<br>K8AV<br>KN4KL<br>N1IW<br>VE3JV | <b>2069</b><br>KJ7M                                                                    |
| <b>2116</b><br>F6DBX<br>JA3QOS<br>K3OX<br>KF2DT<br>SM7HCW<br>VE3NI<br>W5WTX<br>WB2GAI | <b>2108</b><br>JA1AML<br>JA3WLN<br>JA7HRM<br>KW4V        | <b>2099</b><br>EA8RR<br>N4JR                                                | <b>2089</b><br>IK0XEZ<br>KK2M<br>SM0MPV<br>WV9L  | <b>2078</b><br>N3KN<br>N8EHW<br>YO2DFA                            | <b>2068</b><br>KK4OK<br>N4NW<br>R3LA                                                   |
| <b>2115</b><br>DL3KZA<br>EA1KY                                                        | <b>2107</b><br>EA3DW<br>G4DJJ<br>IK0UTM<br>K3PU<br>K9AU  | <b>2098</b><br>EI8IU<br>KI1U<br>KO8SCA<br>N8HRZ                             | <b>2088</b><br>WA2USA                            | <b>2077</b><br>JL1CNY<br>XE1J*                                    | <b>2067</b><br>JA1NCZ<br>JH8GEU<br>NK4L                                                |
| <b>2114</b><br>IZ5NFD<br>JH1DGJ<br>KA2NDX<br>SM7BHH<br>W4SK                           | <b>2106</b><br>JE3GUG<br>VE2BR                           | <b>2097</b><br>IZ5MOQ                                                       | <b>2087</b><br>JA1CJO<br>JF2DND<br>KF0LA<br>R3CR | <b>2076</b><br>DL3LBM<br>OZ0J                                     | <b>2066</b><br>DL4LAM<br>E70T                                                          |
| <b>2113</b><br>JA1OVF<br>KB9DAK                                                       | <b>2105</b><br>DS5TOS<br>SV1MO                           | <b>2096</b><br>F5NBX<br>HA1DAE<br>JA1QWT<br>K5DC<br>KB2FCV<br>W2JLK<br>W5WP | <b>2086</b><br>WQ6Q                              | <b>2075</b><br>JA8DSO<br>KI4GE<br>RA3FH<br>W8LMG                  | <b>2065</b><br>AF5CC<br>G3LUW<br>JL1ARF<br>K4ST                                        |
| <b>2112</b><br>AE0P<br>DK9HN<br>UN2E                                                  | <b>2104</b><br>7M4AOE<br>DM5GG<br>JA3KNN<br>UR7QC        | <b>2095</b><br>IK1IYU<br>K1UI<br>KE4UW<br>ON4RU                             | <b>2085</b><br>DL5XL<br>PA3GCV<br>UR5WCW         | <b>2074</b><br>DL8PG<br>IU8FRE                                    | <b>2064</b><br>DL3BRE<br>EA3NY<br>JH1MFN<br>JH3GFA<br>JH9DRL<br>N4OA<br>W8FIB<br>YB2DX |
| <b>2111</b><br>JA4FJL<br>JH0MHR<br>K2HAT<br>K3PP<br>SM4DDS<br>W6KK                    | <b>2103</b><br>JK1ODA<br>W3BG<br>WA9YYY                  | <b>2084</b><br>K9JU                                                         | <b>2083</b><br>JA1JPM<br>JL1OEC<br>UR5ECW        | <b>2073</b><br>DJ0MCH<br>K9RT<br>ND4V<br>PY2GM<br>RX3APM          | <b>2063</b><br>JA0KJD<br>PT7ZT                                                         |
| <b>2110</b><br>F2NH<br>HB9CRV<br>JA1WWO                                               | <b>2102</b><br>AG1A<br>CT1FUH<br>DM2RM<br>KS4S<br>PA0GMM | <b>2094</b><br>IK2CHZ<br>SV1FJF                                             | <b>2082</b><br>N7DED<br>SV1CQN<br>YO3ND          | <b>2072</b><br>JA8OW<br>R9SC<br>SM4BZH                            | <b>2062</b><br>AA9LC<br>DH0GSU<br>N6PEQ<br>W2YK                                        |
|                                                                                       | <b>2101</b><br>EA6AJ<br>JH7DFZ                           | <b>2093</b><br>VE3ZZ                                                        | <b>2081</b><br>NA4EA<br>PY2GG                    | <b>2071</b><br>KF6HI<br>N0ABA<br>PA0INA<br>W3GG                   | <b>2061</b><br>AA4NC<br>GW4BKG<br>K1TZQ<br>W1AO<br>W1ITU                               |
|                                                                                       |                                                          | <b>2092</b><br>IZ2EWR<br>N5AQ<br>R1MA<br>ZL2AL                              | <b>2080</b><br>JH1ORA<br>KC6X<br>N0AH            |                                                                   |                                                                                        |

|                                                            |                                                                            |                                                                                        |                                                                                                           |                                                                      |                                                                                               |
|------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>2060</b><br>CS8ABF<br>JF1LZQ<br>K6IPM<br>PA0TCA<br>WC2K | LA7XK<br>WV6E                                                              | <b>2042</b><br>IK5BOH/2<br>K1RI<br>KA6BIM<br>LZ2ZG<br>NE0U<br>US1CT                    | KM1C<br>W5THT<br>WC4H                                                                                     | <b>2026</b><br>9A5F<br>JA1PCM<br>JF6XQJ<br>N3ND<br>RT5A<br>XE2D      | <b>2016</b><br>AC4VM<br>G3SBP<br>K4KGG<br>NP4G<br>RU9UC<br>VA7CRZ<br>W1OP                     |
| <b>2059</b><br>DL6LIM<br>JL3LSF<br>N0IJ<br>WD8PKF          | <b>2050</b><br>AC9S<br>JM1HJG<br>K4JLD<br>W8JH<br>WB8FSV<br>WC3W<br>WD8ANZ | <b>2041</b><br>AB4UF<br>IK0OER<br>IT9GSF<br>JN3TRK<br>OR7K<br>SP6AXW<br>SV9GPV<br>W4GE | <b>2034</b><br>AA3LX<br>K3VN<br>NA2AA                                                                     | <b>2025</b><br>7K1CPT<br>EA5OX<br>JH6DUL<br>JL2KEQ<br>NO4J<br>S52D   | <b>2015</b><br>DK3GG<br>IU0LFQ<br>K3WWT<br>K9MMS<br>RK7T<br>YB1AR                             |
| <b>2058</b><br>IK2PZC<br>JA1FJJ<br>W0FK<br>W1ZK            | <b>2048</b><br>I5JFG<br>JL1OXH<br>K8NS<br>NT2A<br>NU1B<br>SP5ES<br>WB0O    | <b>2040</b><br>K1DJ<br>K2RU<br>LA7WCA<br>N7QT<br>W8MK                                  | <b>2032</b><br>HB9DOT<br>IK2RZP<br>IK5PWN<br>JA1AFR<br>JH7IMX<br>KI6CG<br>LZ2HN<br>W7NN<br>W7VY<br>WB4YDL | <b>2024</b><br>HB9FMT<br>K3BR<br>N1JP<br>RT0F<br>WC6DX               | <b>2014</b><br>EA8DIB<br>IZ1DFG<br>K2AT<br>N7TT<br>W5DM                                       |
| <b>2057</b><br>PY2FN<br>W0TM                               | <b>2047</b><br>IZ0BVU<br>JL2PQV<br>JP7EIP<br>K2AJY<br>K9OR                 | <b>2039</b><br>DK9CG<br>VE3KI<br>W7IB                                                  | <b>2031</b><br>JA4IXI<br>K5NZ<br>W7IV                                                                     | <b>2023</b><br>JR1EYB<br>KB6CIO                                      | <b>2013</b><br>G0MTN<br>JT1BV<br>N7ZO<br>RA3QUA<br>SQ7NSN<br>W5GA                             |
| <b>2056</b><br>KU5B<br>RN3D                                | <b>2046</b><br>AB4I<br>EC1AIJ<br>F5INJ                                     | <b>2038</b><br>HB9KNY<br>K9WX<br>WA5IPS                                                | <b>2030</b><br>JH2VVH<br>N3JT<br>N6PAT<br>UA6AUA                                                          | <b>2022</b><br>JA0KJE<br>JA8EJZ<br>SV2HXX<br>UA3FF                   | <b>2012</b><br>JE0VJV<br>VE3MV                                                                |
| <b>2055</b><br>JA1DDZ<br>JA1UII<br>PY2WC<br>W6DE           | <b>2045</b><br>K1FEV<br>RK2FWA<br>W2PP                                     | <b>2037</b><br>DK2CC<br>JA3MHA<br>JH7CUO<br>K2EK<br>W7IU<br>WE4S<br>ZS1J*              | <b>2029</b><br>N4IG                                                                                       | <b>2021</b><br>JH4RUF<br>K6BV<br>M0CSD<br>N4QWZ                      | <b>2011</b><br>4Z5SG<br>NS4P                                                                  |
| <b>2054</b><br>K5CD<br>OH3OJ                               | <b>2044</b><br>JR1VAY<br>K3STX<br>UN7JID<br>W7SX                           | <b>2036</b><br>BG2QMO<br>NU1O<br>WA3I                                                  | <b>2028</b><br>DJ0UT<br>F5VHQ<br>JA4QAD<br>KD2T<br>KK9H<br>SM5AOG<br>YB1TJ                                | <b>2019</b><br>GW3SFC<br>JA2MOG<br>J16IHG<br>K1BZ<br>K1JIU<br>SM5BMB | <b>2010</b><br>HL4GAV<br>JA1NRH<br>JM1SZY<br>K2BB<br>RA3BL<br>VA7RY<br>VE3SKX<br>W3BJ<br>WB3D |
| <b>2053</b><br>DS5DNO<br>EA3HRE<br>JA8IUB<br>K4YJ          | <b>2043</b><br>JH1EDD<br>JH6WDG<br>K2UFM<br>K6MKF<br>K9TF<br>NA9A<br>W4ZYT | <b>2035</b><br>AA4VV<br>JA7KE<br>KE8KMX                                                | <b>2027</b><br>F5OVQ<br>IU8FRF<br>JP1TRJ<br>NI3P                                                          | <b>2018</b><br>K0EOO<br>ON7TK<br>SA0AQT<br>W3ICM                     | <b>2009</b><br>9A4SS                                                                          |
| <b>2052</b><br>K5TA<br>NH6T/W4<br>OM7CA<br>RA3TT<br>UN7G   |                                                                            |                                                                                        |                                                                                                           |                                                                      |                                                                                               |
| <b>2051</b><br>JA2MNB<br>KJ7TEA                            |                                                                            |                                                                                        |                                                                                                           |                                                                      |                                                                                               |

|                                                                                      |                                                                                                                                                                                                                                                   |                                                                                                   |                                                                                |                                                                           |                                                                     |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|
| AA0MZ<br>IT9ODQ<br>JA0RCK<br>JH1FSB<br>R3DG<br>SP5APW<br>TI5CDA                      | <b>2002</b><br>G4FKA<br>GM4FDM<br>HB9DVZ<br>HK4L<br>JA6IVR<br>JF2OZH<br>K2QPN<br>K5FNQ<br>KD8RQE<br>N4CQ<br>NJ3K<br>OH1HB<br>SV3FUO<br>VE4EAR                                                                                                     | VK4CAG<br>VK5GR<br>W0IZ<br>W3BNN<br>W4KA<br>W5VX<br>W8LKG<br>W8QZA/QRP<br>W9ZCL<br>WV8DX<br>YB2TX | K1ACL<br>KZ5DX<br>N1UK<br>N4TOL<br>W0SR                                        | <b>1975</b><br>JA1DOT<br>JO1LVZ<br>K5QX                                   | N9ZI<br>SV8BHN                                                      |
| <b>2008</b><br>DG7RO<br>K4EA<br>KF9UG<br>LZ2XF                                       | K2QPN<br>K5FNQ<br>KD8RQE<br>N4CQ<br>NJ3K<br>OH1HB<br>SV3FUO<br>VE4EAR                                                                                                                                                                             | <b>1999</b><br>IK0CHU<br>LA9OI                                                                    | <b>1985</b><br>HB9CIC<br>JA0CIU<br>K6MM<br>N4HN                                | <b>1974</b><br>K8FC<br>KK0DX<br>SV8DOU                                    | <b>1963</b><br>I8DVJ<br>JA1BNW<br>JG3RWX<br>W6AER<br>W9SN<br>WB8ART |
| <b>2007</b><br>DK3UA<br>JH1OGT<br>KV1E<br>N6MB<br>N6OJ                               | <b>2001</b><br>BH4IGO<br>DL6OCM<br>JE4NAN<br>K6KZM<br>N9TF<br>N9XX<br>OE3KLU<br>VR2XMT<br>YO4DW                                                                                                                                                   | <b>1998</b><br>AC4TO<br>K6NR<br>KN6KI<br>RX4HW<br>W4RBO                                           | <b>1984</b><br>6K5YIA<br>DJ9WH<br>JE1HRC<br>J11CQA<br>JJ2KDZ<br>JR7MAZ<br>N2FF | <b>1973</b><br>DL2NOM<br>JA4XH<br>WS1L                                    | <b>1962</b><br>CU3AN<br>HA5CW                                       |
| <b>2006</b><br>DM3AZ<br>JA3EJG<br>KB4MRX                                             | N9TF<br>N9XX<br>OE3KLU<br>VR2XMT<br>YO4DW                                                                                                                                                                                                         | <b>1997</b><br>AF2C<br>GI4DOH<br>JA1QXC<br>NA2U<br>W2NRA                                          | <b>1983</b><br>DF2PI                                                           | <b>1972</b><br>DL3JPN                                                     | <b>1961</b><br>DK1WU<br>EA7QW<br>K5RJ<br>K9ALP                      |
| <b>2005</b><br>DK5RL<br>HA5BSW<br>JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA         | <b>2000</b><br>AD8RL<br>CT2FEY<br>DK8MM<br>DL2RUM<br>DL2SWN<br>FG4NO<br>I1WXY<br>IK8GJR<br>IT9AAI<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JH1ERJ<br>JQ1TIV<br>K1RH<br>K8YYY<br>KS4YT<br>KV4T<br>LA1K<br>NG7M<br>R5QA<br>RC2A<br>RD4A<br>SQ5NRY | <b>1994</b><br>G4XEE<br>PA3GRM                                                                    | <b>1982</b><br>DL1RWN<br>JA1SGU<br>WA6SCW                                      | <b>1971</b><br>DF9PG                                                      | <b>1960</b><br>JA1CFZ                                               |
| <b>2004</b><br>DM1TT<br>EA1DLU<br>JA1IAZ<br>RA3ANL<br>SP3QYQ                         | IK8GJR<br>IT9AAI<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JH1ERJ<br>JQ1TIV<br>K1RH<br>K8YYY<br>KS4YT<br>KV4T<br>LA1K<br>NG7M<br>R5QA<br>RC2A<br>RD4A<br>SQ5NRY                                                                                  | <b>1993</b><br>K5SM                                                                               | <b>1981</b><br>WA0ROI                                                          | <b>1970</b><br>JI1WLL                                                     | <b>1959</b><br>EI2HY<br>JR6CSY<br>K9JN<br>SM0DSF<br>SM5CAK          |
| <b>2003</b><br>F1RAF<br>GU0SUP<br>IU8HEP<br>KE3D<br>KH6M<br>UA4PCM<br>W3ACO<br>YO7NE | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        | <b>1991</b><br>HA5GN<br>NV4B<br>SV2DCD                                                            | <b>1980</b><br>G3LDI<br>IZ4DIW                                                 | <b>1969</b><br>IZ5NSH                                                     | <b>1958</b><br>K5ZQ<br>KE8UM<br>N0ODK<br>N5TW<br>SP6AEG             |
|                                                                                      | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        | <b>1987</b><br>DK3WG<br>TZ4AM                                                                     | <b>1979</b><br>AA9GR<br>I8LWL<br>JE2PCY<br>JE6HGL                              | <b>1968</b><br>G4NXG<br>K6TAR<br>OZ4AAL<br>PY5IP                          | <b>1957</b><br>IT9RTA<br>N2RJ<br>NY3C                               |
|                                                                                      | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        | <b>1986</b><br>F1ICS<br>HB9DQV                                                                    | <b>1978</b><br>IW0BCF<br>IZ8EJB<br>N1QY                                        | <b>1967</b><br>AA9RR<br>JA4HWX<br>JM1TWR                                  | <b>1956</b><br>AA6RR<br>SP5MXZ<br>WA1YTW                            |
|                                                                                      | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        |                                                                                                   | <b>1976</b><br>DF1ZN<br>DL5OCE<br>JJ2RCJ<br>KY6R                               | <b>1966</b><br>I8OCA                                                      | <b>1955</b><br>K3FM<br>SP6EIIY<br>W1CSM                             |
|                                                                                      | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        |                                                                                                   |                                                                                | <b>1965</b><br>JA3HBC<br>KA1J<br>KB9VF<br>KD5QHV<br>N6NO<br>N7WO<br>N9PGG |                                                                     |
|                                                                                      | JH1NYN<br>NA9Q<br>PY2DV<br>SM6CKU<br>WA6JA                                                                                                                                                                                                        |                                                                                                   |                                                                                | <b>1964</b><br>DJ7ZG<br>EI3IO                                             |                                                                     |

|                                                                               |                                                                            |                                                           |                                                   |                                                                                |                                                                            |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>1954</b><br>DM2TO<br>IS0AFM<br>K8VC                                        | <b>1943</b><br>W8TE<br>WB2BIN                                              | JA8AZN<br>JH8UQJ<br>KK4OW<br>W8FN<br>WN6K                 | <b>1922</b><br>DL4RCK<br>HB9AWS<br>K5OA<br>LY3UM  | UT7KF                                                                          | JA4KDT<br>JQ1ALQ<br>N7ELL<br>OE5TXF                                        |
| <b>1953</b><br>K2BX<br>K4WZ<br>K9GWH<br>N3KV<br>N3NR<br>N9KW<br>W0PSY<br>W9IL | <b>1942</b><br>CU3EJ<br>JA4EVN<br>UA4SKW<br>W2CVW                          | <b>1932</b><br>N6NU                                       | <b>1921</b><br>HB9FBG<br>JA2KSP                   | <b>1910</b><br>K4MY<br>NC4RB                                                   | <b>1901</b><br>F5JSD<br>JP1HDK<br>WY1G                                     |
| <b>1952</b><br>K3NQ<br>W2NK                                                   | <b>1941</b><br>K2CIB<br>ND8L<br>ON4ANN<br>W5LO                             | <b>1931</b><br>JF1IXE<br>JH7VTE<br>WA9GON                 | <b>1920</b><br>K9AW<br>NJ7G                       | <b>1909</b><br>EA1KP<br>K3NF<br>K9SE<br>W7WZ<br>YO2KHK                         | <b>1900</b><br>DL4FAP<br>I4JEE<br>JA7BSD<br>JH7WQX<br>K1JD<br>W3US<br>W5KI |
| <b>1951</b><br>IZ0BTv                                                         | <b>1940</b><br>DL7UVO<br>JG6NGS<br>K4WES<br>K5IB<br>KZ1W<br>N9YB<br>WD8NVN | <b>1930</b><br>G0BBB<br>IK8CNT                            | <b>1919</b><br>JA3MVI<br>NR9J<br>W0FS             | <b>1908</b><br>KD4W<br>KL7HBK<br>SP5TT<br>WA3PTF                               | <b>1898</b><br>DL8OH<br>UN1L                                               |
| <b>1950</b><br>JA2FCZ<br>K4OY<br>N1ZZ<br>N5UW<br>WA4DOU                       | <b>1939</b><br>AC6DX<br>JH8NBj<br>N2NW<br>SM0BYD<br>UA9CGL                 | <b>1929</b><br>JA1OND<br>JA7FWR<br>RL3AA<br>W1AW          | <b>1917</b><br>7J1ADJ<br>DJ3AS<br>HL5BMX<br>N4PYI | <b>1907</b><br>DL4NBE<br>DL5MHQ<br>W9MO                                        | <b>1897</b><br>G3XLF<br>JR0QFA<br>K4XU                                     |
| <b>1949</b><br>JA1XRA<br>W4DAO                                                | <b>1938</b><br>KE1VT<br>NA2P                                               | <b>1928</b><br>K6MW<br>N5WA<br>N6RK<br>W5KK               | <b>1916</b><br>AD5MN<br>EA2AFV<br>IV3AZZ<br>W8HMK | <b>1906</b><br>HB9IIO<br>IK7WPC<br>JA1HOM<br>KI4WCQ<br>KQ4EE<br>N3KS<br>OE1SZW | <b>1896</b><br>JA2EWE<br>JA4CZM<br>W9VG<br>WB5AAA                          |
| <b>1948</b><br>N2ZA<br>WB4VAM<br>YV5OIE                                       | <b>1937</b><br>I1YDT<br>K4MF                                               | <b>1927</b><br>DM2HK<br>EW1P<br>JE1OHL<br>K2TER<br>S58J   | <b>1915</b><br>W2WC                               | <b>1905</b><br>JA6JEW<br>KW4MM<br>ND3L<br>SM1TDE                               | <b>1895</b><br>KF7F<br>W5JMW                                               |
| <b>1947</b><br>DL6XK<br>N4ENE                                                 | <b>1936</b><br>WB0N                                                        | <b>1926</b><br>IK2DUW<br>JM1VRW<br>RD3BD<br>UA3FX<br>W3SB | <b>1914</b><br>N6ZN<br>VR2CH<br>W5GO              | <b>1904</b><br>DF2UA<br>DL1DAW<br>K8EAB<br>YO4AUL                              | <b>1894</b><br>JA0AXV<br>W4HZ                                              |
| <b>1946</b><br>JH0OXS<br>K5WBM                                                | <b>1935</b><br>N1KC                                                        | <b>1925</b><br>HB9TOC<br>JA0NZR<br>W1NA                   | <b>1913</b><br>DL9IU<br>IV3IXN<br>KU8X<br>N9JR    | <b>1903</b><br>NQ3A<br>RK9UN                                                   | <b>1893</b><br>K4JKB                                                       |
| <b>1945</b><br>DJ8NT                                                          | <b>1934</b><br>DK4TP<br>JL3MCM<br>NA6L                                     | <b>1923</b><br>IZ1JMN                                     | <b>1912</b><br>DL2RTL<br>JA2ITK<br>K4WM           | <b>1902</b><br>AK5Q<br>IK6GRT<br>IU2ANW                                        | <b>1892</b><br>AB2E<br>CT2IUK<br>EA5B<br>K8QKY<br>N3OC<br>N6AX             |
| <b>1944</b><br>DM2FX<br>NE8Z                                                  | <b>1933</b><br>CU3AK                                                       |                                                           | <b>1911</b><br>JH1RFM<br>K5TN                     |                                                                                |                                                                            |

|                                               |                                                                              |                                                                                   |                                                                        |                                                                   |                                                                             |
|-----------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>1891</b><br>K6XN<br>LA9TY<br>WW5G          | WB2KSK<br>WX0B<br><br><b>1879</b><br>RD9M                                    | <b>1869</b><br>JA0MRW<br>JH0EQN<br>RU1AO<br>W4PNY<br>WK7E                         | <b>1860</b><br>DL5KUA<br>JJ1QUV<br>SP7ICE                              | JA2KTP<br>JA7JPZ<br>N3XM                                          | W0KCJ<br>W5UE                                                               |
| <b>1890</b><br>JR7ILA<br>W2CDO<br>W8QID       | <b>1878</b><br>K5AB<br>K5KG<br>K9UQN<br>RA4WE                                | <b>1868</b><br>SV1OZ<br>UA1ORK                                                    | <b>1859</b><br>IK5FKE<br>JR3XUH                                        | <b>1849</b><br>IZ8MBW<br>ZS6NJ                                    | <b>1839</b><br>DJ8OG<br>JI3BFC                                              |
| <b>1889</b><br>IK3ITX<br>N2ZZ                 | <b>1877</b><br>N7GR<br>VE3YV<br>WV2I                                         | <b>1867</b><br>JH8KFE<br>RA4P<br>RO1B                                             | <b>1858</b><br>EU1M<br>I4JBJ<br>JI3CJP<br>K4MV<br>N5QS<br>NL7S<br>SP3F | <b>1848</b><br>PA3BWD<br>W1WLW                                    | <b>1838</b><br>DJ1TO<br>EI7CC                                               |
| <b>1888</b><br>IV3ARJ<br>MM0BQN<br>W4YCH      | <b>1876</b><br>AA4AK<br>WO2X                                                 | <b>1866</b><br>HB9MFM<br>K1JB<br>K9CS<br>RA0BA<br>RT3M                            | <b>1857</b><br>AA4U<br>JM1LPN<br>PA0JNH                                | <b>1847</b><br>AJ8MH<br>KE1R<br>VE1OP<br>W3TI<br>WB4QOC           | <b>1837</b><br>CX2CC<br>DF8FT<br>EI2JD<br>LY9Y                              |
| <b>1887</b><br>DF6TC<br>K9DT<br>KM3J<br>YO3JF | <b>1875</b><br>IZ8AJU<br>K0LB                                                | <b>1865</b><br>AC9O<br>AK5X<br>JG1HVC<br>K3PT<br>N4GU<br>SK3BG<br>SP6IEQ<br>W4DEE | <b>1856</b><br>AA6PW<br>JA4SSM                                         | <b>1846</b><br>JA2XW<br>W6WF                                      | <b>1836</b><br>G3YQA<br>K0SD                                                |
| <b>1886</b><br>JF1WLK<br>WB2WPM               | <b>1874</b><br>DF3EC<br>JA7VEI<br>K6IPV<br>LB2HG<br>SP3AU<br>W1SLF<br>WB6JJJ | <b>1864</b><br>JR0PJR<br>MU0FAL<br>WQ5R                                           | <b>1855</b><br>JL1GYZ<br>JT1CO<br>K5CWR                                | <b>1845</b><br>HB9DQL<br>WY6N                                     | <b>1835</b><br>AA4LR<br>IT9BLB<br>JA6HQT<br>K7GS<br>NA6MG<br>W0ZD<br>W8NGA  |
| <b>1885</b><br>DK6OR                          | <b>1873</b><br>AG5W<br>WA4VA                                                 | <b>1863</b><br>JA1PAH<br>WO9S                                                     | <b>1854</b><br>5B4XF<br>IK1UGX<br>W1EG<br>WA5POK                       | <b>1844</b><br>N2KI<br>N7UVH<br>N8SHZ                             | <b>1834</b><br>N6MXU                                                        |
| <b>1884</b><br>IZ8EEI<br>KZ9DX                | <b>1872</b><br>I0GOD<br>JG1DUZ<br>K4JWA<br>SM6CLU                            | <b>1862</b><br>DJ5IO<br>JA1GUC<br>W1KDA<br>WC4X<br>WD4OIN                         | <b>1853</b><br>N7MQ<br>W2RIJ                                           | <b>1843</b><br>KK4CB<br>N1MD                                      | <b>1833</b><br>LU8ADX<br>N5FF<br>W8CD                                       |
| <b>1883</b><br>IW0BYL<br>W2PA                 | <b>1871</b><br>JH7QLR<br>K4EU<br>NU4E                                        | <b>1861</b><br>JK1VXE<br>N1AC                                                     | <b>1852</b><br>W0QC                                                    | <b>1842</b><br>NE9Z<br>VA7ZT<br>W8OM                              | <b>1832</b><br>JA1XEL<br>JF7ELG                                             |
| <b>1882</b><br>DL6KO<br>EA5RU<br>NU4Y         |                                                                              |                                                                                   | <b>1851</b><br>JA1UTZ<br>JA7GYP<br>N6GP<br>WA4QMQ                      | <b>1841</b><br>K4AV<br>W0DD<br>WB2AQC                             | <b>1831</b><br>AB4GE<br>DL5NO<br>JH1FVE<br>K5OT<br>KM4NS<br>SM3PHM<br>VK3FM |
| <b>1881</b><br>JG3WCZ<br>JP1LRT               | <b>1870</b><br>DF1KG<br>N6QI<br>SM5FQQ                                       |                                                                                   | <b>1850</b><br>I0LYO                                                   | <b>1840</b><br>DK5JI<br>EI6IZ<br>HL2ZN<br>JA7FAS<br>K2MP<br>N8AYY | <b>1830</b><br>DL8FBD                                                       |
| <b>1880</b><br>AA4DD<br>JA0EVI<br>VE7TK       |                                                                              |                                                                                   |                                                                        |                                                                   |                                                                             |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| K00K        | K8ZM        | NM5Z        | <b>1800</b> | <b>1790</b> | JJ1PFC      |
| <b>1829</b> | <b>1819</b> | NU7J        | K3GGN       | IZ0GYP      | SM0XBI      |
| KD1F        | JA5DBE      | W3ML        | KL7TC       | SV8RX       | <b>1781</b> |
| <b>1828</b> | JA7MAD      | <b>1809</b> | VE3YXO      | W9CSX       | DL1FKA      |
| AG7N        | K5UZ        | NX8Y        | <b>1799</b> | WB8BZK      | JP7FSO      |
| JA1QIW      | W1UK        | <b>1808</b> | DL8TV       | XE1FAS      | W6TK        |
| OZ1HPS      | <b>1818</b> | JH5HDA      | IZ0CKJ      | <b>1789</b> | <b>1780</b> |
| <b>1827</b> | JR7XOD      | JH9AUB      | JE1IBI      | IK2ZJN      | EA2AAZ      |
| HB9DDM      | K0THN       | N3RW        | JE2EBT      | <b>1788</b> | IV3KCB      |
| JG1SWM      | K3AJ        | W0MU        | JJ1CZR      | JA3HBF      | JH1FNU      |
| N1IA        | YO9BXE      | WB2NPY      | <b>1798</b> | K0ARS       | N2GZ        |
| UA9FFV      | <b>1817</b> | YL2CA       | DL7KL       | KD8F        | S50B        |
| <b>1826</b> | N1API       | <b>1807</b> | EA3ELW      | KE0A        | W6OD        |
| YO3DDZ      | WA4BIM      | JA9ESZ      | K1IFJ       | KT2C        | <b>1779</b> |
| <b>1825</b> | <b>1816</b> | W2DXE       | KC5LK       | LA1U        | JA6GIJ      |
| K0MD        | 4X1VE       | <b>1806</b> | S59DKR      | <b>1787</b> | K5AV        |
| W1LE        | G3WW        | JA1VRU      | <b>1797</b> | K1OT        | <b>1778</b> |
| <b>1824</b> | OK4YL       | JR6IQI      | EI9FVB      | KM7R        | HB9EBM      |
| AH2O        | S52FW       | KN4PPD      | K1DW        | ON8GT       | JG1LBN      |
| DL1HBT      | <b>1815</b> | PA0MBD      | N8PCN       | <b>1786</b> | JH1ILX      |
| DL7APK      | W1PX        | <b>1805</b> | <b>1796</b> | AA7XT       | JR3QHQ      |
| IK0EFR      | W3KB        | CT1BXX      | JF3DRI      | G4AFJ       | VE7SZ       |
| JE7ETY      | <b>1814</b> | W6BK        | <b>1795</b> | K8KI        | WC0W        |
| JJ1KZZ      | 4X4MF       | WX2U        | JR1DQK      | N2CG        | <b>1777</b> |
| W1DYJ       | EA8DOX      | <b>1804</b> | K5ZD        | <b>1785</b> | EA5AR       |
| <b>1823</b> | W1EL        | JN1XNI      | KA9OKH      | J18PDC      | JA7DYJ      |
| EA4DEI      | <b>1813</b> | K2RET       | SV3ICK      | JL1BYZ      | <b>1776</b> |
| F6KOP       | AF2D        | KB1HY       | W6DX        | K6UFO       | HK3PJ       |
| JA7QVK      | J11LAT      | KV4AA       | WC4B        | K7NK        | JA6JNF      |
| NI5F        | VK6LC       | SP8LBK      | <b>1794</b> | K9QFR       | JR4LZX      |
| SQ9OH       | WC7Q        | <b>1803</b> | I2YWR       | R5DU        | W8GEX       |
| <b>1822</b> | <b>1812</b> | SP5JXK      | PA0VLY      | W3UM        | <b>1775</b> |
| HL2VA       | JA2OLJ      | VE6KC       | <b>1793</b> | <b>1784</b> | BA4TB       |
| WB0TVY      | K3MSB       | <b>1802</b> | G4ZOY       | EA5DFV      | I8YAV       |
| <b>1821</b> | VU2DCC      | JA1PPW      | G7VJR       | I2TZK       | KW9U        |
| K3GT        | W7CD        | K2MK        | <b>1792</b> | JJ2ONH      | N3MK        |
| YV5LI       | <b>1811</b> | KE5PO       | DL3EA       | LA8AW       | WA2UBK      |
| <b>1820</b> | HB9IJC      | WK8A        | JH4RLY      | W3MF        | <b>1773</b> |
| DL1TS       | IZ3BJK      | <b>1801</b> | JR6GIM      | <b>1783</b> | AJ7G        |
| HB9DVO      | N8NA        | IK0WRB      | <b>1791</b> | IZ0CBB      | JH1XEF      |
| JA3EY       | OH2RI       | N5PR        | N6WM        | K4SX        | K4WY        |
| K1XV        | <b>1810</b> | NK7C        | W3DM        | R9MJ        | OZ7DN       |
| K2IXQ       | DL1DWT      |             |             | <b>1782</b> | PY2SEX      |
|             |             |             |             | DG5LAC      |             |
|             |             |             |             | I4JED       |             |

|                                                                   |                                                                 |                                                                   |                                                                                              |                                                                           |                                                                                            |
|-------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>1772</b><br>4X1SK<br>K9PG<br>N4TD<br>UW2ZO<br>WA0SXV<br>WB4GLI | <b>1763</b><br>IK4THK<br>IK7YTT<br>W9ZJ                         | <b>1754</b><br>VK2CA<br>W8RV                                      | <b>1744</b><br>IZ1JLG<br>J12KUJ<br>K8SL<br>NA6O<br>RX6DX                                     | <b>1736</b><br>JA4GXS<br>N7MB<br>W6FL                                     | <b>1728</b><br>D2UY<br>JH2AQI<br>PB2A                                                      |
| <b>1771</b><br>K3SV<br>N7BD<br>ZL3RJ                              | <b>1762</b><br>JH2AJY<br>K4GO<br>K6ZP<br>KF2T<br>N9MR*<br>S53MJ | <b>1753</b><br>LA4YGA<br>RD8X                                     | <b>1743</b><br>K0HD<br>OH2LHE<br>WA5NFC<br>WB5NHL                                            | <b>1735</b><br>GW4TSG<br>K7FL<br>RN9CM<br>RU6K<br>W3FJ                    | <b>1727</b><br>AB1J<br>AG4Q<br>IZ0MYH<br>JA1KXT<br>JE4CIL<br>K4AR<br>KR8T<br>N7HN<br>NA6JD |
| <b>1770</b><br>EA4DL<br>SM5YOC<br>WY0V                            | <b>1761</b><br>G3YBO<br>HB9BOU<br>NA4MM<br>SM5BS                | <b>1751</b><br>KR0P<br>LA5XGA                                     | <b>1742</b><br>DL7JRD<br>K5ALQ<br>N5PG                                                       | <b>1734</b><br>5B4ALJ<br>JE0ART<br>JE2KSM<br>ZL1HD                        | <b>1726</b><br>DL9GTB<br>IK3DVY<br>K4VNY<br>N9IO                                           |
| <b>1769</b><br>KE4KY<br>SE2T<br>WC7N<br>XE1VIC                    | <b>1760</b><br>DK0EE<br>HB9TMW<br>JR1EFG                        | <b>1750</b><br>AL7TC<br>HA2NA<br>N9AOL<br>W4CCS<br>W8NN           | <b>1741</b><br>JA6AVT<br>KW4CQ<br>N0UN                                                       | <b>1733</b><br>JQ2QHQ<br>K2CYE                                            | <b>1725</b><br>N6EE<br>V31MA<br>ZS2Y                                                       |
| <b>1768</b><br>K0IL<br>K7LAZ<br>NE1F<br>WA7BNG                    | <b>1759</b><br>AA4UC<br>W0VHF                                   | <b>1749</b><br>7L1CYC<br>JA3UNA<br>K2JL<br>N1NU<br>N6BM<br>OZ1ACB | <b>1740</b><br>CT2GLO<br>DK5QK<br>DL8SDC<br>N1KDO<br>N5EPA<br>VK7CW<br>W3HKK                 | <b>1732</b><br>EU4A<br>IK6EIW<br>JA5JUG<br>KA1DJ<br>N4DWK                 | <b>1724</b><br>F5JY<br>JA3CSZ<br>YO3AIS                                                    |
| <b>1767</b><br>DL9OBY<br>K0QQ<br>VE3VC                            | <b>1758</b><br>K4QE<br>KE4S<br>KF2TI<br>SM5GLC                  | <b>1748</b><br>DF7AP<br>DL2TOS<br>RM6B<br>W3ZQI                   | <b>1739</b><br>AD6ZJ<br>CT1IZW<br>EA3WL<br>JH8OCV<br>K1ZJA<br>K4EB<br>K6RG<br>OE1ALW<br>UN1O | <b>1731</b><br>DL5CL<br>JA9NUN<br>KR4W<br>N2RR<br>W6WA<br>W9GXR<br>WA9JWL | <b>1723</b><br>JA8EIA<br>VU2IBI                                                            |
| <b>1766</b><br>LZ1MS<br>N2KX<br>SP5ELW<br>TF3DC                   | <b>1757</b><br>JE3GNN<br>JH4JLV<br>J12FBG<br>JS1NDM<br>SV1NJW   | <b>1747</b><br>JA1ETN<br>LB7ZG<br>NN4Q/QRP                        | <b>1738</b><br>F5RQQ<br>LU4FW<br>N0STL                                                       | <b>1730</b><br>DL1USB<br>JE3EDJ<br>JR7HAN<br>K5TIA<br>KC2SST<br>WX6V      | <b>1722</b><br>IK2GPQ<br>K2SD<br>KG8CW<br>M0IKW<br>N1WQ                                    |
| <b>1765</b><br>K7XC<br>SP5LKJ<br>UR4QFP                           | <b>1756</b><br>G4FAL<br>JK7LXU<br>K5CR<br>NE9R<br>YL3DQ         | <b>1746</b><br>SM2DMU                                             | <b>1737</b><br>DL9EO<br>JM1ESG<br>K1DX<br>R1QA                                               | <b>1729</b><br>DK4PE<br>I7PXV<br>JA2PTQ<br>LA2GH<br>XE1L                  | <b>1721</b><br>AA6NP<br>DM3ZF<br>EA2J<br>W0PR<br>W8BLA                                     |
| <b>1764</b><br>DS5RNM<br>HB9ZS<br>UR4IOR<br>UW7UA                 | <b>1755</b><br>G7SSE<br>K5TR                                    | <b>1745</b><br>IW7DVM<br>JA3AVO<br>SM5ELV                         |                                                                                              |                                                                           | <b>1720</b><br>IZ6CST<br>N4XYZ                                                             |

|                                                                                  |                                                                              |                                                                                   |                                                                                  |                                                                                               |                                                                                                    |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| OT1A                                                                             | <b>1711</b><br>W1KMA<br>WA0WWW                                               | NA2X<br>W9ROG                                                                     | KF4VTT<br>LX1DA                                                                  | W6GRV                                                                                         | N7VPN                                                                                              |
| <b>1719</b><br>AE4CW<br>W0UC<br>W6SFK<br>WA2MBP                                  | <b>1710</b><br>JE1HPM<br>JG3KCX<br>KG4CUY<br>KS0M<br>W4GP                    | <b>1702</b><br>JA0JPD<br>JG3HBO<br>JK1SQI<br>KM9E                                 | <b>1694</b><br>4X6GP<br>K0FLY<br>K4KEW<br>UA1ANA                                 | <b>1686</b><br>AG3V<br>F6DAM<br>JO4JDU<br>K6LRN<br>LZ2HM<br>NA4M                              | <b>1678</b><br>9K2BM                                                                               |
| <b>1718</b><br>AA8SW<br>K6CF<br>ND3F<br>NX2X<br>WA6TLA                           | <b>1709</b><br>JA7BME<br>WB6CJT                                              | <b>1701</b><br>CT3CD<br>JH2HHJ<br>NO0B                                            | <b>1693</b><br>K3MD<br>W2GS                                                      | <b>1685</b><br>4Z5IW<br>F5BEG<br>K0VM<br>K3XO<br>VK6OZ<br>W1OG                                | <b>1676</b><br>JE1PHH<br>K2RR<br>KU4BP<br>PA9M<br>PY6HD<br>VE1VOX                                  |
| <b>1717</b><br>HB9CQL<br>HB9HBZ<br>K8ZZU<br>SP7CVW<br>SV1GRE                     | <b>1708</b><br>IT9ZZO<br>JA1SHE<br>JH1SBE<br>N3PS<br>N8VV<br>W5UHQ           | <b>1700</b><br>HB9VAB<br>JA0ED<br>KE5TD<br>N9DR<br>NY1V<br>VR2MY<br>WB2RAJ        | <b>1692</b><br>CT1ELF<br>JA3KZV<br>K0KP<br>K8OD<br>N4WE<br>W0AD<br>W1UE<br>W4LIA | <b>1684</b><br>EW4C<br>JA2HNP<br>N9LJX<br>W8UQ                                                | <b>1675</b><br>IV3AVQ<br>K3SF<br>VE1SK                                                             |
| <b>1716</b><br>9A1CKH<br>DK1EI<br>IW9HII<br>K5VR<br>K7WE<br>N3RD<br>NO9E<br>W4MA | <b>1707</b><br>AB2RF<br>AF4Z<br>K9RE<br>SM5CSS                               | <b>1699</b><br>JH1IZR<br>WA6G                                                     | <b>1691</b><br>JK1WSH<br>K8EB<br>KE5FXE<br>N6KK<br>NS3L                          | <b>1683</b><br>W1JA<br>W4JVN<br>WA2UUK                                                        | <b>1674</b><br>JA1BNL<br>K3DFL<br>KB1W<br>KF1C<br>KL7TS<br>ON6YH<br>VU2LBW<br>W1JQ<br>WP3R<br>XE1R |
| <b>1715</b><br>KK5OQ<br>N1CGP<br>OZ8X<br>VU2CDP                                  | <b>1706</b><br>AC6HY<br>IK4DKO<br>JA4MMO<br>OZ3SM<br>UT6UA<br>W9BP<br>WA9BZW | <b>1698</b><br>HL4CCM<br>K5PC<br>KF7NN<br>W8SAX                                   | <b>1690</b><br>DJ6NI<br>G4FTC<br>W6RFF<br>WD4IXD                                 | <b>1682</b><br>JA9RBZ<br>K4MIJ<br>SP5IXS<br>W0MS<br>WR2K                                      | <b>1673</b><br>EA7DUD<br>JR2PZX<br>K3LR<br>NU4I<br>WA6POZ<br>WT3Q                                  |
| <b>1714</b><br>JR3VMJ<br>K8JE<br>N4PL<br>N7KO                                    | <b>1705</b><br>K7GQ<br>K8AO<br>KF2OG                                         | <b>1697</b><br>9A1R<br>AC5AA<br>AD5WB<br>K9QJ<br>KK9T<br>WA4MIT                   | <b>1689</b><br>JA6ENL<br>K1AJ<br>K9ARZ<br>W4GMY                                  | <b>1681</b><br>JA1JYE<br>JJ0NSL<br>K9MUF<br>OK1DX<br>RL3AW<br>W4UEF<br>WB6L<br>WF1H<br>YO3FGO | <b>1672</b><br>K4WW<br>W1FA<br>WB4KTF                                                              |
| <b>1713</b><br>HA7LW<br>IZ5FSA<br>JA1PBV<br>ZS6UT                                | <b>1704</b><br>KF4ZZ<br>N7FU<br>W3UL<br>W7FP                                 | <b>1696</b><br>HB0WR<br>IZ5YHD<br>JM1JZN<br>N0YY<br>N4AOE<br>RA0R<br>W9GG<br>WW8W | <b>1688</b><br>AA0ZP<br>K5MT                                                     |                                                                                               |                                                                                                    |
| <b>1712</b><br>K8SIA<br>OM2RA                                                    | <b>1703</b><br>JA1FUI<br>KO6KD<br>N4FN                                       | <b>1695</b><br>JH3HGH                                                             | <b>1687</b><br>EC6AAE<br>JA7NLW<br>N2LQ<br>N3TR<br>OH1WR<br>R6FFB                | <b>1680</b><br>W1MR                                                                           | <b>1671</b><br>AC0X<br>W7QHE                                                                       |
|                                                                                  |                                                                              |                                                                                   |                                                                                  | <b>1679</b><br>JA4IYL<br>K9SO                                                                 | <b>1670</b><br>F6DHI                                                                               |

|                                                                                                                                     |                                                                               |                                                                  |                                                                                             |                                                                                                |                                                                                             |
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| JP1GUW<br>K0PC<br>LA7EIA<br>N4BAF                                                                                                   | IK1MEG<br>IQ2VA<br>JF1AGB<br>WE2N                                             | NF3R<br>UA3AKI<br>W0BBI<br>W0JMP<br>WB4DNL<br>WF8R               | JO3WHB<br>N0AMI<br>YO3VU                                                                    | LU1FAM<br>N9TK<br>YE9BJM                                                                       | NY4I<br>PT7DX<br>SM5BNK<br>SP5UAF                                                           |
| <b>1669</b><br>LZ3CB<br>W8VI<br>WA5NOM                                                                                              | <b>1663</b><br>HB9ERU<br>IK0XIH<br>JG1BKX<br>J11MNT<br>KX8G<br>N0OK<br>WA6EZV | <b>1654</b><br>JE7RJS<br>RN3OA<br>SM4CTT                         | <b>1645</b><br>GM0VRP<br>IK4HLO<br>JR1JGA<br>K2QB<br>KP4AA<br>R7HF<br>R9JX<br>VE3MM<br>W9MR | <b>1637</b><br>DK3BK<br>JA9RT<br>JH2BNL<br>KK9M<br>KW1DX<br>NA3F<br>YO8CRU                     | <b>1630</b><br>JR1CAD<br>K7HC<br>W5BK<br>W6KGP<br>Z32ZM                                     |
| <b>1668</b><br>7K3QPL<br>DL7UIO<br>HA5LQ<br>HB9BNQ<br>JF3LGC<br>JL6USD<br>K2DC<br>NE3H<br>VA7KO<br>W5HD<br>W8NJR<br>W9KVR<br>WA1ZIC | <b>1662</b><br>DL6UNF<br>JR0EQQ<br>N8NB                                       | <b>1653</b><br>K8ZT/QRP<br>KD3HN<br>PT7YV                        | <b>1644</b><br>EA4DB<br>EA5HM<br>JL1WQO<br>KG5UZ<br>W0BM<br>WA3FRP<br>XE1YD                 | <b>1636</b><br>NZ5O<br>RN6AJ                                                                   | <b>1629</b><br>KW3W                                                                         |
| <b>1667</b><br>4X6UU<br>AE5B<br>EC5A<br>K1VI<br>K9GS<br>KU2C<br>W9RXJ                                                               | <b>1661</b><br>K7FEL<br>RL2A<br>TF4M                                          | <b>1652</b><br>GM3WIL<br>K3WI<br>KC6JAM<br>N4FY<br>N4ZR<br>VA2IG | <b>1643</b><br>HB9HIT<br>K4FX                                                               | <b>1635</b><br>AA4A<br>JA1DCK<br>N7GCO<br>YP3A                                                 | <b>1628</b><br>N4MEC<br>N8GP<br>NW4M<br>NW7US<br>SV1BYI<br>VE1RGB<br>W8PI                   |
| <b>1666</b><br>EA4UV<br>F5CT<br>JA1TD<br>JA7OVC<br>K7AWB<br>W7IUO<br>WI7P                                                           | <b>1660</b><br>AD4AA<br>JA1XUY<br>K0SRL<br>LA4WJ<br>ZP5YW                     | <b>1651</b><br>JA1FVE<br>K7GA                                    | <b>1642</b><br>DL1EK<br>OH1TSM<br>W1HEO                                                     | <b>1634</b><br>CT1BOY<br>F4FLF<br>F6GCP<br>JA7MYQ<br>JL3DGI<br>JM1JIV<br>N7RD<br>NU2Q<br>US8UA | <b>1627</b><br>EA4EPY<br>G4NBS<br>K0NV<br>N8AGU<br>VE4YH<br>VE6SH<br>W0ZS<br>W2RA<br>WA4NUF |
| <b>1665</b><br>JR4CZM<br>KC8RP<br>N5PA<br>SM2EJE<br>UA0SC<br>WA4MME                                                                 | <b>1659</b><br>AA6RE<br>AJ8B                                                  | <b>1650</b><br>CT1AHU<br>KK8MM                                   | <b>1641</b><br>DJ7JC<br>JA4HXF<br>K3WGR                                                     | <b>1633</b><br>K1FT<br>KI6X<br>RA6AAW<br>RW9SG<br>VE3IQ<br>W7JW                                | <b>1626</b><br>DL6GBM<br>W4AG                                                               |
| <b>1664</b><br>AD3C                                                                                                                 | <b>1658</b><br>DL2JIM<br>I2EAY<br>VE1JS<br>VR2KW                              | <b>1649</b><br>N2ZN<br>W0JW<br>WD8KND                            | <b>1640</b><br>K4QD<br>K6XM<br>KE6V<br>N4XMX                                                | <b>1632</b><br>AA3TH<br>KN7Y<br>N1LID<br>N4NR<br>S51MA<br>WF4G                                 | <b>1625</b><br>RV4LC<br>W3OOU<br>W4QK                                                       |
|                                                                                                                                     | <b>1657</b><br>SM6AOU                                                         | <b>1648</b><br>JA6BZA<br>K9EXY<br>KT4AC<br>N5MT                  | <b>1639</b><br>I5XFD<br>JH2GZY<br>JQ1YIW<br>JR0AMD                                          | <b>1631</b><br>K6UNE<br>K7CMR                                                                  | <b>1624</b><br>JR1WYW<br>K5HK<br>K8YE<br>N8WRL<br>UA9CNX<br>W5SJ                            |
|                                                                                                                                     | <b>1656</b><br>DK3QM<br>N2CQ<br>UY2IZ<br>W0KEU                                | <b>1647</b><br>DL4UCS<br>JA5QAH<br>OE1PMU<br>YV5KTM              | <b>1646</b><br>HL1AV<br>IZ5EBL                                                              |                                                                                                |                                                                                             |
|                                                                                                                                     | <b>1655</b><br>GW4MVA<br>JA1HSF                                               |                                                                  |                                                                                             |                                                                                                |                                                                                             |

|                                                                                              |                                                                                              |                                                                   |                                                                               |                                                                         |                                                                                       |
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| <b>1623</b><br>IK2QEI<br>W1OK<br>W7CP                                                        | VU2MSA                                                                                       | <b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAX<br>WB6BFG       | IZ0ADG<br>KB5UNX<br>KI8L<br>N4XX<br>W7TUS                                     | <b>1590</b><br>JR3TOE<br>K4KL<br>SM5HJZ<br>W8MIL<br>WB7QXU              | <b>1582</b><br>F4GVO<br>LU2BA<br>N0KK<br>NZ6E<br>W4UFO                                |
| <b>1622</b><br>KF4NEF<br>NW7M                                                                | <b>1614</b><br>IK7HDY<br>K1EO<br>LX1CW<br>OK2ZA<br>UA4PK<br>W5WLA                            | <b>1606</b><br>HB9GWJ<br>IK8YFU<br>JR1TCY<br>K3KY<br>W7VS         | <b>1597</b><br>I8MTQ<br>K3IE<br>K6EGF<br>W3OU<br>W5RYA<br>XE2MX               | <b>1589</b><br>AA3AZ<br>EA4D<br>F6FYD<br>IZ4AIB<br>KE9U<br>KZ7N<br>NK7Z | <b>1581</b><br>JR4VMS<br>K2WJ<br>KJ9X<br>XE2YWH                                       |
| <b>1621</b><br>W6CUA                                                                         | <b>1613</b><br>IW5AB<br>JA2ODB<br>K5EWJ<br>W7LGG                                             | <b>1605</b><br>LA3PK<br>NP3CW<br>SP5GQ<br>V51YJ<br>WF5E           | <b>1596</b><br>AF4CD<br>CT1ESO<br>DK8IZ<br>N8DUY<br>N9JCS<br>YO9FQT           | <b>1588</b><br>DL7UGO<br>ER0FEO<br>FM5CD<br>KE3X<br>N3ZOM               | <b>1580</b><br>F5LIW<br>OE6CLD                                                        |
| <b>1620</b><br>9A6ST<br>I7LGM<br>KC9FFV<br>SM5OJH<br>VE1JF<br>W7YW                           | <b>1612</b><br>DH3KM<br>JA1PVX<br>JE1CTA<br>KM2E<br>SV2CLJ<br>YL2TD                          | <b>1604</b><br>JJ1JMZ<br>K5QR<br>N4MI<br>NU1T<br>W6ZQ<br>WB5STU   | <b>1595</b><br>DK5HZ                                                          | <b>1579</b><br>DL4DW<br>K2ZD<br>NA1DX<br>W4WN<br>W9BS                   |                                                                                       |
| <b>1619</b><br>DL5AVJ<br>JH7IQQ<br>ND7J<br>W0SD                                              | <b>1611</b><br>IV3TMV<br>JN1NOP<br>K4CGY<br>K6LPO<br>W2UDT                                   | <b>1603</b><br>W5NUT<br>WT2P                                      | <b>1594</b><br>E74A<br>JJ6WZS<br>KD0AA<br>SK0QO                               | <b>1587</b><br>JG1OWV<br>RO7T                                           | <b>1578</b><br>JH1AQN<br>K7LY<br>ZS1DX                                                |
| <b>1618</b><br>AD4Z<br>KF4MH<br>UA0FDX<br>W8WVM<br>YO9CEB                                    | <b>1610</b><br>JA1GVT<br>LA2IR<br>W2GFF                                                      | <b>1602</b><br>JF3SFU<br>K3VAR<br>VR2XYL                          | <b>1593</b><br>HB9AAA<br>JA0FLL<br>JA3EEM<br>W1ASB<br>WB8IZM                  | <b>1586</b><br>IZ8EKL<br>K4GK<br>SV8LMQ<br>W7TSQ                        | <b>1577</b><br>JA4ICR<br>JA7MNF<br>JL1ELQ<br>JM2QWQ<br>K8DE<br>W6HDG<br>WS9W<br>YV5AM |
| <b>1617</b><br>JG3KLF<br>K0CF<br>KM8AM<br>WB2HJV                                             | <b>1609</b><br>JA1CCO<br>JH1XFR<br>ON6KE<br>WJ2R                                             | <b>1601</b><br>KY9KYO<br>SP4K                                     | <b>1592</b><br>DL5RDI<br>KU2A<br>KX7DX<br>VE7CV<br>VR2XLN                     | <b>1585</b><br>JR0RBY<br>KE4SCY<br>KN4JX<br>KW4J<br>N9DD<br>W5SUM       | <b>1576</b><br>EA1T<br>JE2DJC<br>K7CU<br>W5WI                                         |
| <b>1616</b><br>HK1X<br>HK4EI<br>I5FLN<br>IT9IPQ<br>JJ2VLY<br>K1LEC<br>K3GW<br>W6OUL<br>WB4CW | <b>1608</b><br>AA4FU<br>EA5K<br>I0KDF<br>JA2CUS<br>JF1MTV<br>OZ1RE<br>R3IS<br>W5ZE<br>WA6HBR | <b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>N1EK<br>W6BCQ<br>WA1EHK | <b>1591</b><br>AD5MD<br>F4WDL<br>JA8ECS<br>JF1WQC<br>JK1JAS<br>UT5URW<br>W5VU | <b>1584</b><br>I1PLX<br>KS4V<br>N6WT<br>W0PE                            | <b>1575</b><br>DD3KF<br>JA1NQU<br>K7LFY<br>UR4CWQ                                     |
| <b>1615</b><br>JI1HNC<br>K4OCE                                                               |                                                                                              | <b>1598</b><br>CT1ELC<br>IV3FFI                                   |                                                                               | <b>1583</b><br>JH3KAI<br>K4WFM<br>KJ5PQ<br>N5EE<br>N6DHZ                | <b>1574</b><br>AB0RX                                                                  |

|                                                                      |                                                                             |                                                                                                            |                                                                                                       |                                                                                     |                                                                                    |
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| N9CO<br>NM9P<br>PT2ADM<br>RU3A<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ       | <b>1566</b><br>E77S<br>N1KX<br>VK8DR                                        | N8IL                                                                                                       | <b>1551</b><br>IK1ZOF<br>JA0NPQ<br>JA6GXP<br>KD4POJ<br>RD9U                                           | K8DP<br>N4SV                                                                        | <b>1538</b><br>CU7AA<br>JA4RED<br>N8BK<br>PY8WW                                    |
| <b>1573</b><br>DL2HRT<br>EA5ZR<br>JF2JRD<br>WA3GNW                   | <b>1565</b><br>JF1OSL<br>JH7HIQ<br>KE1B<br>KM7DX<br>W0FG<br>YB2TS           | <b>1557</b><br>7M4CLF<br>DL6NDW<br>OE3JAG<br>VK3KE<br>W1JGS<br>W8BI<br>YV5KAJ                              | <b>1550</b><br>G8BCG<br>JA8RRF<br>N6EM<br>W9LN<br>WA4USA                                              | <b>1544</b><br>7L4VYK<br>IZ6ERS<br>JA2ACI<br>KC4HW<br>KS4XQ<br>N6NR<br>W7JET        | <b>1537</b><br>JH1RVQ<br>KE7W<br>N7TR<br>RZ3EM<br>VE3OTL<br>W4OV<br>W6DCK<br>WW1V  |
| <b>1572</b><br>7L2QAD<br>E70A<br>G4AYU<br>JM3GXU                     | <b>1564</b><br>IK4TVP<br>N6RFM<br>W4KK                                      | <b>1556</b><br>JA6GMC<br>N7TM<br>R3DL<br>RA3M<br>WJ3A<br>WW0E                                              | <b>1549</b><br>AC6BW<br>DL3NSM<br>IK0TUM<br>IK7AGT<br>K1CBK<br>K5AC<br>K8LO<br>PY4AZ<br>W9WO<br>WA9DU | <b>1543</b><br>J68HZ<br>K4IE<br>N5CQ<br>RZ6DX<br>SM5ACQ<br>UA6J<br>VE6BMX           | <b>1536</b><br>DL5ZB<br>EA5GHD<br>IK4FNF<br>K4MQM<br>N3ZP<br>N7JP<br>W5FPT         |
| <b>1571</b><br>DK3PZ<br>G1VDP<br>G4DYC<br>HL5FBT<br>JJ3FRB<br>N5VR   | <b>1563</b><br>IV3BSF<br>W2DEN<br>W4AEJ<br>W4NBS<br>W9QO                    | <b>1555</b><br>IK0ZIO<br>KA6A<br>KK7YC<br>VK3TC<br>W4DTA                                                   | <b>1548</b><br>JG2CNZ<br>KD4SN<br>SP7QHR<br>W5MO                                                      | <b>1542</b><br>DL2RPN<br>IZ0FUW<br>JD1AMA<br>JP3OIK<br>MW0CBC<br>W2GB               | <b>1535</b><br>AA5N<br>JE1GGI<br>K0IS<br>UR5WIF<br>W4UDH<br>WA8A                   |
| <b>1570</b><br>JR3ADB<br>K1KI<br>NM1G<br>W9HP                        | <b>1562</b><br>IK5QPS<br>YB0NFL                                             | <b>1554</b><br>AA6K<br>DL4MM<br>KE9S<br>W5IP                                                               | <b>1547</b><br>CE3BT<br>IW2ETR<br>JH2AYB<br>K4SAF<br>K6QU<br>N7OJ<br>WA3GFM                           | <b>1541</b><br>HA5KFV<br>IK2RGT<br>IK4YCQ<br>JA1XPH<br>JG1ULT<br>W4NE               | <b>1534</b><br>DF2WF<br>DJ2VO<br>JH1CML<br>K2OP<br>SV1XV<br>TF3JB<br>VA2LM<br>W6JZ |
| <b>1569</b><br>CT1HHP<br>DL5CT<br>JH2KMK<br>K6BZS<br>RL3BZ<br>UA1TAN | <b>1561</b><br>E73W<br>IN3EQZ<br>JF3GFH<br>JL1VAL<br>K9CJM<br>N6VNI<br>W8JA | <b>1553</b><br>HL3ERJ<br>I8KHC<br>JA9APM<br>JP1SRG<br>JR1AIB<br>KE4BKL<br>SV2BXA<br>SV3KH<br>W4CSW<br>W7BQ | <b>1546</b><br>JE1LPZ<br>JK1MZT<br>KM4HQE<br>OZ2RH<br>PP7LL<br>W7FI                                   | <b>1540</b><br>F4BDG<br>IW7EBE<br>K8LY<br>N5OHL<br>OZ1BXG                           | <b>1533</b><br>9A0W<br>JH2KXN<br>K2CS<br>KI7AO                                     |
| <b>1568</b><br>DL6DQW<br>JA0CVC<br>WA2BOT<br>YO3GOD                  | <b>1560</b><br>K5RKS<br>KG6D<br>ND1Y<br>UA1CKC                              | <b>1552</b><br>JA1MLY<br>JH8JYV<br>M0VAA<br>NE0DX<br>RA9SC<br>WN7J<br>WQ7B<br>ZL3TE                        | <b>1545</b><br>EA4DUT<br>I2DMI<br>JL3OUW                                                              | <b>1539</b><br>HL4CBX<br>HL4XM<br>K6ME<br>KC4HN<br>KF9AF<br>N5ID<br>PY2RN<br>VE2BWL | <b>1532</b><br>HK3CW<br>K8ROK<br>OK1FMX                                            |
| <b>1567</b><br>IS0MVE<br>IU8IYE                                      | <b>1559</b><br>JG1LFR<br>JH0AHI<br>ON4ACG<br>W3IZ                           |                                                                                                            |                                                                                                       |                                                                                     |                                                                                    |
|                                                                      | <b>1558</b><br>KI4TZ<br>N6VS                                                |                                                                                                            |                                                                                                       |                                                                                     |                                                                                    |

|                                                                                              |                                                                                                                                   |                                                                                                                                   |                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                             |
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| UT2AB                                                                                        | <b>1524</b><br>DJ7WG<br>DL5KUT<br>DM5JBN<br>JA7DPC<br>JE4FNC<br>JK1NIU<br>K6FM<br>LY3BY<br>N9LEO<br>NV4A<br>W3KHZ<br>W8WM<br>WR7Q | K7DSE<br>ND4DX<br>UY2UZ<br>W8AKS<br>WA8CDU<br>WB4SON<br>YO9BLY                                                                    | <b>1513</b><br>AG1I<br>DL6DCD<br>JA7BAL<br>KA5V<br>N9CDX<br>R7IA<br>UA3DK<br>VE4EA<br>VE7UF<br>W2NY<br>WA7HQD<br>WQ1H                   | <b>1508</b><br>DL0WW<br>IK4DCX<br>NN6K<br>WB2CLL<br>WV4V<br>YL2EC                    | K9LCR<br>KB5HC<br>KN7K<br>N2PK<br>NN2D<br>YB4IR                                                                                                                                                                             |
| <b>1531</b><br>SM0HEV<br>VE7XT<br>WS4C                                                       |                                                                                                                                   |                                                                                                                                   |                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                             |
| <b>1530</b><br>5T5PA<br>I0NUM<br>JA1DFK<br>K7CMZ<br>K9AQ<br>W3WST<br>W7BEB<br>WA8LRW         | K6FM<br>LY3BY<br>N9LEO<br>NV4A<br>W3KHZ<br>W8WM<br>WR7Q                                                                           | <b>1518</b><br>HK6K<br>IK1DFH<br>J11VVB<br>JK1UVP<br>JQ1PCX<br>K4HQK                                                              |                                                                                                                                         | <b>1507</b><br>EA7DAP<br>N0VVV<br>N4MIK<br>TF3VS<br>W0ELT                            | <b>1501</b><br>AA5TA<br>HB9AGO<br>HL2DBP<br>JJ1DJW<br>JR1SLU<br>K2SHA<br>K7PT<br>K7STO<br>KB1YNT<br>KC9K<br>KJ4YLO<br>KU1T<br>NK5B<br>NR2C<br>ON5GQ<br>R0QA<br>R2DO<br>UA1OM<br>W5DXQ<br>WB9PNU<br>WF7T<br>YB0MWM<br>YB1TQL |
|                                                                                              | <b>1523</b><br>EA3ESZ<br>JJ1OKK                                                                                                   | <b>1517</b><br>JE3MDQ<br>JG1JPE<br>K0PX<br>K1FE<br>K3HW<br>K4PKM<br>W0ANZ                                                         | <b>1512</b><br>EI8GS<br>HB9FBM<br>JH6WMJ<br>K4AU<br>NV1Q<br>RA9LT<br>UW2XW<br>VE7VF<br>W1ZS<br>W5FL<br>W6GJB<br>W6ZO<br>W7VAS<br>WA2MCR | <b>1506</b><br>CE3FZ<br>DL1MEV<br>I2YPY<br>K5DV<br>N6DNU<br>N9AZZ<br>WR2G            |                                                                                                                                                                                                                             |
| <b>1529</b><br>EA1P<br>I1CMA<br>JA2LWD<br>JA9IWR<br>JL3JRY<br>S59SV<br>VA7DX<br>W1HS<br>W5RZ | <b>1522</b><br>CT7AUP<br>DL2RD<br>DL8DXF<br>JA7GAP<br>K4ZRJ<br>KP3AH<br>NR0P<br>SP3WKW<br>UA9LAO<br>WB2ZAB                        |                                                                                                                                   |                                                                                                                                         | <b>1505</b><br>JH3PAS<br>NC2Y<br>WK9U<br>ZS1C                                        |                                                                                                                                                                                                                             |
| <b>1528</b><br>DS3EXX<br>SP9TPZ<br>ZL3AL                                                     | <b>1521</b><br>JA1UWB<br>JE3FOR<br>M0HIH<br>SM6VR<br>WA5UA                                                                        | <b>1516</b><br>DJ6TF<br>K0AU<br>VE1DUN<br>WB1DX<br>WT9U                                                                           |                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                             |
|                                                                                              |                                                                                                                                   | <b>1515</b><br>9A3MA<br>CU7MD<br>DL1MDZ<br>JF7RJM<br>JG2LGM<br>JG6MQI<br>KP3V<br>N1ZJ<br>RK9UM<br>W1XV<br>W2PD<br>W4PGM<br>WB1AEL | <b>1511</b><br>DK8UH<br>JA5JGY<br>N1PM<br>N7JB<br>UU7JM                                                                                 | <b>1504</b><br>DL9DRA<br>JA3PRM<br>JK3NQV<br>NU0C<br>VA3OKG<br>W4UAT<br>WB1S<br>WX0E | <b>1500</b><br>AA4US<br>AA8KY<br>AE4AN<br>EA4TX<br>EI3CTB<br>I4KYO<br>JA4DNC<br>JF2SQB<br>K4RDU<br>K5EWS<br>N1BZ<br>N4ST<br>N5VYS<br>N5XJ<br>N7QU<br>N9LF<br>OH3FVP<br>OK2MDC<br>OK8DD<br>R5AK                              |
| <b>1527</b><br>EA2AA<br>N3AO<br>R7LP<br>WX0Z                                                 |                                                                                                                                   |                                                                                                                                   | <b>1510</b><br>DM3PYA<br>N2YBB<br>OZ9XU<br>PY2OP<br>WN9O                                                                                | <b>1503</b><br>IK0PCJ<br>JQ1EST<br>K8MN<br>SQ7FPH<br>UT7EC<br>WB0OQV<br>YB0DJ        |                                                                                                                                                                                                                             |
| <b>1526</b><br>DS2BGV<br>G4DXW<br>K8JJC<br>UA9AGX                                            | <b>1520</b><br>4X1UF/M<br>DL2CC<br>G4RGK<br>GU4YOX<br>KN9P<br>KY5I<br>N6WIN<br>SP3EPG<br>WA3WZR                                   |                                                                                                                                   | <b>1509</b><br>KB8GAE<br>KG5VK<br>LA2DS<br>R3BM<br>UA9MC<br>W1MJB<br>W4REX<br>YU3MAY                                                    |                                                                                      |                                                                                                                                                                                                                             |
| <b>1525</b><br>AC2G<br>CT7AUK<br>EW2DZ<br>KE8G<br>NU4B<br>UT3UX                              | <b>1519</b><br>F4DSE<br>K4TXJ<br>K5DB                                                                                             | <b>1514</b><br>IW8CGX<br>KJ4R<br>M0TTB                                                                                            |                                                                                                                                         | <b>1502</b><br>DL6WT<br>JJ2NWI<br>K6JJ                                               |                                                                                                                                                                                                                             |

|                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| UT2VC<br>VA7QI<br>W4HY<br>W9PDS<br>WA0JZK<br>WJ0T<br>WO5I<br>WW7Q<br>WY7FD<br>YB1RUS<br>YB4CHP<br>YL2BR | <b>1492</b><br>IZ0COK<br>JA2QVP<br>JE3PCP<br>K5NOF<br>WW8RT<br><br><b>1491</b><br>I8NHJ<br>K0JN<br>XE1ILI<br><br><b>1490</b><br>JA6HUG<br>JE1NVD<br>VE3QAA<br>W4PG<br>W5SWV<br><br><b>1489</b><br>F9CI<br>JR2BJE<br>K1EDG<br>N6YEU<br>N8OQ<br>W1LY<br><br><b>1488</b><br>CU2CE<br>K8AJR<br>KC4GL<br>KI6MQX<br>KM2O<br>W6JTI<br>YO8RSL<br><br><b>1487</b><br>LA8WG<br>N3AIU<br>N5UE<br>N6IG<br>W4PGC<br><br><b>1486</b><br>AJ4F<br>DF7FC<br>JA6NEJ<br>N8XI<br>W7HUY<br><br><b>1485</b><br>DF9HI<br>DL8DWL | DM9EE<br>HP3TA<br>K1ROA<br><br><b>1484</b><br>DL4FDM<br>IK7YCE<br>K0MFI<br>LA9VBA<br>ZL2CC<br><br><b>1483</b><br>4X1RU<br>JA3WMS<br>JE2VFX<br>RU3UN<br>S57UX<br>W0OGH<br><br><b>1482</b><br>DL3IAC<br>I0GKP<br>NG0G<br><br><b>1481</b><br>DL4FCJ<br>KC5PL<br>SM0NUE<br>W2TX<br>WB1ASL<br><br><b>1480</b><br>AA1M<br>AA5SH<br>K0XN<br>K8ZH<br>PY2CP<br>W4UW<br>ZL3PAH<br><br><b>1479</b><br>EI1DG<br>JA7QQQ<br>JJ1KXB<br>VA3AYA<br>VE3UTT<br>W0YK<br>WA3SKQ<br>YL2CZ<br><br><b>1478</b><br>A71AM<br>JA0HWF | K2CYS<br>K7QBO<br><br><b>1477</b><br>HB9HVG<br>K0BRO<br>W0IKD<br><br><b>1476</b><br>JK1EBA<br>N2BI<br><br><b>1475</b><br>G0SYP<br>J11UHZ<br>LX2SM<br><br><b>1474</b><br>AA5TL<br>IW4CIL<br>W2GDJ<br><br><b>1473</b><br>DL0AVH<br>K2HT<br>K3GO<br>KT8O<br>LX1KC<br>NX4TT<br>W9NJY<br><br><b>1472</b><br>CT1BOH<br>IK3GBG<br>JH1APZ<br>LU2DSL<br>N6AWD<br>W4WG<br>YO3GJC<br><br><b>1471</b><br>4X4JU<br>EI4BZ<br><br><b>1470</b><br>AK7O<br>IZ8DUD<br>JA4MEM<br>JH6RTO<br>K8GT<br>KF0RQ<br>WS1F<br>YO3IPR | <b>1469</b><br>HB9CYV<br>IW2BZY<br>K8AJK<br>K9DY<br>KE5BR<br>SM6WET<br>XE1MW<br><br><b>1468</b><br>DC8TS<br>DL2MIH<br>DL6RA<br>N9LQ<br>W1FC<br>W6FEL<br>WD6T<br><br><b>1467</b><br>K8LN<br>KB2ZPB<br>W8SP<br><br><b>1466</b><br>EI4CF<br>JA3MIO<br>N9OY<br>UA7T<br>W3DQS<br><br><b>1465</b><br>AB9M<br>K5YU<br>K7VC<br>N4UFP<br>YB2MM<br><br><b>1464</b><br>W5LUA<br><br><b>1463</b><br>IW0AFS<br>N5XE<br>WB0ULX<br><br><b>1462</b><br>AL7LO<br>DJ1OJ<br>JG1LRE<br>KI4R<br>VA3HP<br>WB2AA<br>WB3BFC | <b>1461</b><br>K6KR<br>N6FS<br><br><b>1460</b><br>AE4M<br>K4RW<br>N6VH<br><br><b>1459</b><br>HA5UK<br>IK0WMJ<br>K8JRK<br>S50U<br><br><b>1458</b><br>WA9PWP<br><br><b>1457</b><br>IK5EKB<br>PY3VB<br><br><b>1456</b><br>LU2AH<br>N3WD<br>PB9FN<br>W1EBM<br>W5MF<br>W5RDW<br><br><b>1455</b><br>AK6A<br>ES1FB<br>JA2JID<br>JH1XXB<br>K2KIB<br>N9MB<br>UT5IP<br><br><b>1454</b><br>JA1UPT<br>K4IA<br><br><b>1453</b><br>DL1QQ<br>G0THF<br>JH8FIH<br>KD2SC<br>WA4TII<br><br><b>1452</b><br>EC7B<br>KB4CRT |
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| KB7V<br>OH2BUA<br>W2SKI<br>WA9JOQ                                                          | <b>1444</b><br>HL1VAU<br>JA0BOV<br>JK1DDG<br>JR4ABB<br>K1KNJ<br>N3AE<br>NN5E<br>W4QG<br>W5FK<br>W6SIY | JA3IWB<br>K1TKL<br>RZ1OK                                                          | <b>1430</b><br>KB8DRK<br>KD1AB                                                     | <b>1422</b><br>3A2MW<br>DH4JQ<br>I4ACO<br>KB4CL<br>W9SE                     | <b>1413</b><br>JA5XPD<br>LU3VA<br>N6XT<br>RX3BP<br>WA2VQV<br>WB5ZAM<br>WC2L |
| <b>1451</b><br>JA2XLV<br>KU9S<br>OV5O                                                      |                                                                                                       | <b>1437</b><br>G4PVM<br>VE3BZ<br>W0ZR                                             | <b>1429</b><br>AA4ZK<br>EA7AN<br>JJ1LID<br>OZ2ABI<br>TA1L<br>W4HGW<br>W4WJ         | <b>1421</b><br>CT1ETE<br>CT1IW<br>DJ4KW<br>HB9DQD<br>JA3AYU<br>K0IO<br>N0TK | <b>1412</b><br>K7PO<br>LA4JGA<br>WA6URY                                     |
| <b>1450</b><br>AD0K<br>DJ5DT<br>EA8TK<br>JA2BUR<br>K2QMF<br>K5OVC<br>KI2D<br>KT8D<br>W4TUN | <b>1443</b><br>IC8TEM<br>JA1ERB<br>N5DT<br>PV8DX<br>SP9GFY<br>TF3Y<br>W8TM                            | <b>1436</b><br>K0YL<br>K7JH<br>KK4CLY<br>KT4O<br>NY4G                             | <b>1428</b><br>DL9MEN<br>IK4DCW<br>N3HBX<br>N7UJJ<br>OE6VHF                        | <b>1420</b><br>IW9DNI<br>KM2L<br>ON4CN<br>TG9AJR<br>UN7BY                   | <b>1411</b><br>AI9U<br>K8WHA<br>KB1DMX                                      |
| <b>1449</b><br>DM5EM<br>IW5EIJ<br>KP4DS<br>KQ5M<br>NN9X                                    | <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>K0HB<br>K1WO<br>KM4VI<br>VE3FRR<br>W3WH<br>W4GF | <b>1427</b><br>JF2SKV<br>W9UM<br>WC1M                                              | <b>1419</b><br>A92AA<br>JH6WHN<br>JR6DM<br>LA9PJA<br>N7KDT<br>W6SHY         | <b>1410</b><br>JH1CJQ<br>NS4X<br>VU3CAU                                     |
| <b>1448</b><br>NR0T                                                                        |                                                                                                       | <b>1434</b><br>BA7NQ<br>CU3BL<br>JE6AVT<br>JH8WXF<br>OZ6EI<br>WC2C                | <b>1426</b><br>9H1EJ<br>K1XE<br>SM4GVR<br>WA5KBH                                   |                                                                             | <b>1409</b><br>DL5KW<br>JH1HLC<br>N1RP<br>W1PR<br>W5KFT                     |
| <b>1447</b><br>AF3X<br>K9KDS<br>KC2STA<br>KO4PRE<br>WA3GM<br>WM4AA                         | <b>1441</b><br>DL2VFR                                                                                 | <b>1433</b><br>JA6SRB<br>K1OYQ<br>K3MM<br>K7ORK<br>W4HOG<br>W6OPO                 | <b>1425</b><br>DL6NW<br>IZ5EKW<br>JA3BKP<br>JH3PRR<br>K0XR<br>KI9A<br>N0TR<br>W2EQ | <b>1418</b><br>W5GJ<br>WA7HR                                                | <b>1408</b><br>EA2AGV<br>G3VQO<br>JA6XE<br>N4GBK                            |
| <b>1446</b><br>DS4NPL<br>IU0ICA<br>JA1BON<br>JA8ANQ<br>KH6U<br>N9HF<br>YO9IKW              | <b>1440</b><br>CT1DSV<br>HB9FAI<br>JA8BOV<br>JA9KRO<br>NE5S                                           |                                                                                   | <b>1417</b><br>DL4ZAB<br>NX9T<br>PY3SB<br>W8HB                                     |                                                                             | <b>1407</b><br>JA4FKO<br>K3ATO<br>KB0V<br>S59DJK                            |
| <b>1445</b><br>EA1PP<br>KJ4UZU<br>NJ5N                                                     | <b>1439</b><br>AD7L<br>DL1VDL<br>KJ6Y<br>KN7D<br>LA6FI<br>N2XQM<br>XE1EE                              | <b>1432</b><br>K4NTO<br>PS8ACL<br>WX3P                                            | <b>1424</b><br>A61BK<br>G3PSM<br>JA6NQT<br>K4GHS                                   | <b>1416</b><br>AA9D<br>W2CQ                                                 | <b>1406</b><br>I0EKY<br>N4VN<br>N5TF<br>W6DPD                               |
|                                                                                            | <b>1438</b><br>DF1IR                                                                                  | <b>1431</b><br>K5OO<br>K8MVZ<br>W4AO                                              | <b>1423</b><br>K7CTV<br>N3FG<br>N4NQ<br>W5AP                                       | <b>1415</b><br>DF5DH<br>VK2AAH<br>WD4IKI                                    | <b>1405</b><br>F5IYJ<br>JN4FNZ<br>K6XJ                                      |

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| LB5GI<br>N1WON<br>N8HO<br>NF7D<br>WN7S                                                              | <b>1398</b><br>K0SQ                                                                  | <b>1390</b><br>DM3CW<br>JL1BDI<br>K4TR<br>N8II                                                 | OZ7AM<br>WX2CX                                                                      | JS1MRA<br>KD2GC<br>NI4Y                                                               | K0FF<br>KB9AIT<br>SV2DSJ<br>W6ZPL<br>W7AAD                                                                       |
| <b>1404</b><br>AB6CF<br>DD0VE<br>HK3J<br>JA4EZA<br>JH8KIY<br>KB7AK<br>RN3QO                         | <b>1397</b><br>HB9BMY<br>JR2PAU<br>N4QM<br>N9BVA<br>SV2JU<br>WI4T                    | <b>1389</b><br>DL6KWU<br>I5YDO<br>K5LC<br>ON4CCN                                               | <b>1382</b><br>E73D<br>HB9ESS<br>NR4M<br>W0RXL<br>W5AAJ                             | <b>1374</b><br>AA2DT<br>DJ9SO<br>K5TU<br>NI7F<br>W0MS*<br>W9VQ<br>WQ5T                | <b>1366</b><br>HB9BEM<br>JA2KQE<br>K5DCW<br>K8GWU<br>PY2HH                                                       |
| <b>1403</b><br>9H1AE<br>HP2NG<br>JR1TNE<br>K4MIL<br>N7RVD<br>ON8VM<br>WE8L                          | <b>1396</b><br>DJ8WD<br>KF8PD<br>NG6R<br>YO6HOY                                      | <b>1388</b><br>CT7ANG<br>KG4USN                                                                | <b>1381</b><br>AE0MO<br>DK3TL<br>KK4XL                                              | <b>1373</b><br>AF6PK<br>K1TWF<br>KO6LU<br>N7WI<br>W2PS<br>W4TNX                       | <b>1365</b><br>G3KAF<br>HA5OLA<br>HB9ODP<br>N2FY<br>OE7FMJ<br>ZL1ANH                                             |
| <b>1402</b><br>5Q2J<br>HL5YI<br>I2KBD<br>UA0SE                                                      | <b>1395</b><br>JG2TSL<br>JH3HTD<br>J18XLD<br>K2DH<br>OH3PYY<br>VA3IC<br>W5EC<br>W7KW | <b>1387</b><br>JF1KML<br>WA0PFZ                                                                | <b>1380</b><br>KB9LIE<br>NR8Z<br>W4DWS                                              | <b>1372</b><br>AB6Z<br>AC4BT<br>KV7N<br>N7NW<br>W4AFB<br>XE2B                         | <b>1364</b><br>AE4WG<br>EA1NK<br>G4ZWY<br>JA1PLL<br>JA1UOA<br>JA2CGH<br>K1LTJ<br>N3KR<br>W7PAQ<br>W9GE<br>WA8LOW |
| <b>1401</b><br>JA1DXA<br>K0LU<br>SP9IZV<br>VK2HV<br>W4LEW                                           | <b>1394</b><br>K6EI<br>PY2DY<br>TF5B                                                 | <b>1386</b><br>DL2VWR<br>JA7JM<br>J13KHV<br>KE4FW<br>N7TP<br>W0SHL<br>W1GY                     | <b>1379</b><br>I5GKS<br>JA6HOZ<br>JA8EKU<br>K6UXO<br>N0IW<br>N5HC                   | <b>1371</b><br>EI5KO<br>JH8LEY<br>K3JWI<br>K4JPD<br>K6JW<br>N2DXJ<br>SM2LKW<br>WB8EJN | <b>1363</b><br>9A3NM<br>CU3HY<br>DJ8SN<br>EI8KN<br>JA9CGW<br>NX1P<br>OE1TKW<br>TA1AL                             |
| <b>1400</b><br>K7RAN<br>OE1HHB<br>W7NP                                                              | <b>1393</b><br>NB3R                                                                  | <b>1385</b><br>8P6SH<br>DJ8KM<br>G3PLP<br>K6VV<br>K8WVA<br>KC2THY<br>KG4JSZ<br>W6BBS<br>WB8EKG | <b>1377</b><br>IK8OZV<br>KC1ERO<br>PV8ABC<br>W4DN<br>W4PRO                          | <b>1369</b><br>K8ZR                                                                   | <b>1362</b><br>EA3NG<br>JA1TOU<br>K3SUI<br>NI0K<br>NT9F<br>PT7CB<br>R3BB<br>UR9IDX                               |
| <b>1399</b><br>EA3HDZ<br>F5AQB<br>JH2MYN<br>JR4VEV<br>N2ED<br>N4UA<br>NA8W<br>ON4EB<br>WH7W<br>WZ8P | <b>1392</b><br>EA1BLA<br>KA1CRP<br>VE3CX<br>WQ8T<br>YB3MM<br>ZS6IR                   | <b>1384</b><br>JJ1BDX<br>JK1LUY<br>RW3SU<br>SV1IXK<br>UN7BK<br>W3DIY                           | <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<br>XE1GLL                               |                                                                                                                  |
|                                                                                                     | <b>1391</b><br>IV3DXW<br>K7VV<br>NI5G<br>SP5GQX<br>VK2GR<br>W7AJ<br>WB8FIW<br>WX8C   | <b>1383</b><br>F5EOT<br>J11DMH<br>K4DET<br>OE1JIS                                              | <b>1375</b><br>IZ7GXB<br>JA7SFD<br>JH8XVT                                           | <b>1367</b><br>AB5GU<br>G3VAO<br>G4VMX                                                |                                                                                                                  |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| W4RQ        | W4WX        | <b>1346</b> | <b>1340</b> | W5TFW       | W1NR        |
| <b>1361</b> | W8SET       | JA6JPS      | 7L3SQL      | W5WS        | <b>1327</b> |
| KM4A        | WA5TXY      | N9MW        | GM4YMM      | <b>1333</b> | BX5AA       |
| KM4VJW      | <b>1353</b> | NA5YO       | HB9JNM      | IZ0GVZ      | DG1NPM      |
| N0LD        | HB9EXQ      | VU2ABS      | IK5LSQ      | K5GM        | JA1PUK      |
| N8TFD       | OH1ECQ      | WA6KHK      | JJ2PIK      | KY4G        | JH1EVD      |
| OH6OK       | W3DVY       | <b>1345</b> | KA5JSM      | ND6S        | N1HO        |
| TA6N        | <b>1352</b> | JG1IEF      | KB0EL       | S57A        | UA0APV      |
| <b>1360</b> | K2CDJ       | R7FF        | W4TE        | YO3HOT      | W0IJN       |
| JA6FEG      | K6DJ        | SP5DL       | <b>1339</b> | <b>1332</b> | WR5Y        |
| J11QIO      | KA1API      | W7XZ        | AC0B        | DJ6BN       | <b>1326</b> |
| RU3UR       | KA3CRC      | ZL2AO       | HB9PUE      | JG3WJN      | JA6ATL      |
| <b>1359</b> | NC4AA       | <b>1344</b> | IK1NLZ      | JH1HRJ      | JE7JZT      |
| I4UUL       | S57AL       | IZ3GOO      | KM5VI       | K4KAL       | N1QAE       |
| K8MRT       | W1RH        | JA3BG       | KP4DKE      | KA3GWD      | W3TC        |
| OD5YA       | WS4H        | K9HQM       | N0RR        | NA5S        | <b>1325</b> |
| WA1NXC      | <b>1351</b> | LU2JCW      | <b>1338</b> | W8PAT       | JH6IMI      |
| <b>1358</b> | JA2HIJ      | N5KA        | HA7GN       | <b>1331</b> | LB2EG       |
| JH2NWP      | KD5R        | PY2ADR      | K5MO        | G4DDL       | SM1NJC      |
| WX5L        | <b>1350</b> | VE3TM       | KD4OS       | HB9TKB      | SM5AKS      |
| <b>1357</b> | AG6HE       | WA8VSJ      | SM2HWG      | JA3KWZ      | W3NRJ       |
| IK6RFQ      | EU7X        | <b>1343</b> | W3ATV       | JL1BTJ      | <b>1324</b> |
| IZ0FYW      | EW4A        | 4X6KJ       | <b>1337</b> | RA3SD       | J11JPJ      |
| JA1VRY      | IK2HDF      | AA4EA       | IK0CNA      | RW4WD       | KI7M        |
| K4RM        | JA0NFP      | AC6DD       | IW1PUR      | WZ4RC       | KR4U        |
| K5CQT       | J11CYX      | JK3GWT      | W1WV        | YB0AZ       | SM7BHM      |
| W9ZT        | K0QB        | K1OR        | <b>1336</b> | <b>1330</b> | SP6OUQ      |
| <b>1356</b> | KA9J        | W6HYI       | AB5YI       | DL3ANK      | W3KN        |
| IK2GOQ      | KK8X        | <b>1342</b> | JA7FVA      | EA4S        | <b>1323</b> |
| JA7OBO      | W4ATL       | AA8M        | JA8LHN      | HI8CJ       | EA7LS       |
| J10VIF      | <b>1349</b> | DK8FS       | JN1RKE      | JR2ATZ      | WO7V        |
| K5HTE       | AK9B        | EI7GY       | VU3WEW      | K3LA        | <b>1322</b> |
| K9SUH       | EI5JL       | HK6P        | W8VK        | KE2M        | DL6KVA      |
| TF3SG       | K2QL        | IK0PRG      | WW1L        | N2MEE       | G6NHU       |
| <b>1355</b> | N3AF        | JF1JTQ      | <b>1335</b> | NI3K        | IT9CMU      |
| HL3EHK      | <b>1348</b> | K9BO        | AF8C        | OH3TY       | IT9DDS      |
| K8EJ        | AA7UN       | VA3VET      | DM1HR       | W4WIN       | IZ4VSD      |
| KI7HO       | AK3E        | W6VNR       | I1SOP       | <b>1329</b> | JA1BWA      |
| WB2KSP      | JA1ITJ      | WB2GOK      | LZ1PM       | K1APJ       | JA9FO       |
| <b>1354</b> | <b>1347</b> | WD9Q        | NC4MM       | KE4WI       | JG1BOK      |
| F5MZE       | GW0ANA      | <b>1341</b> | SV1CIB      | NG9J        | J11QZQ      |
| IT9JPS      | JR7COH      | CU2AF       | WY4I        | W0GN        | K2OO        |
| IZ2EIH      | K3BZ        | JS2GFA      | <b>1334</b> | W6HGF       | W4DVG       |
| W4DCY       | K7CO        | N0RC        | JH1OVY      | <b>1328</b> | W5JE        |
| W4QNW       | K8VD        | R9HBF       | J11EIX      | KE4KMG      | <b>1321</b> |
|             |             | W4UT        | K7RR        | KJ5Y        | DJ5EY       |
|             |             | WD8LTM      | SM7DXQ      | SP3CMA      |             |

|                                                                                                |                                                                            |                                                                                      |                                                                             |                                                                     |                                                                          |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------|
| HK3CQ<br>K4LQ<br>K4NST<br>K7EKD<br>R3QX                                                        | G4IDL<br>VK5CE<br>W2FCR<br>W5WZ<br>W8AF                                    | <b>1307</b><br>N1BY<br>OH1LR<br>VA2LC                                                | <b>1300</b><br>9A2GA<br>JE6UWU<br>JH8MZF<br>KJ7NO<br>WU4B                   | <b>1293</b><br>IK2WPO<br>JA1XQC<br>JE7BUH<br>SM2YIP<br>YO2LLL       | <b>1285</b><br>7Z1SJ<br>JA1IHD<br>K8LBT<br>KG6B<br>N4ANV<br>W4CMM        |
| <b>1320</b><br>JA1FVS<br>JA2DLM<br>JG3KMT<br>K3JM<br>W1RG                                      | <b>1313</b><br>AG5CN<br>JA1DCO<br>JH2PWM<br>K4ZA<br>KP3R<br>TF8GX<br>VK3OT | <b>1306</b><br>AI2S<br>BH4SYG<br>CT1FJK<br>DJ4PT<br>HB9FAX<br>IK8MRD<br>W2FB<br>W5UQ | <b>1299</b><br>CT1AUO<br>HB9ECS<br>W1MRH                                    | <b>1292</b><br>N9NM                                                 | <b>1284</b><br>JA1TGO<br>K1PTF<br>K5FXB<br>K5VG<br>N6DVR<br>Z34K         |
| <b>1319</b><br>9A6T<br>DL3ZH<br>EA1EA<br>IZ7EVZ<br>RN5AA<br>VE7VV<br>ZS2I                      | <b>1312</b><br>AD0TR<br>N0ACH<br>NC7B<br>NS7K<br>W4PV                      | <b>1305</b><br>AA6PI<br>K0TV<br>N8OCN<br>SP3FYX<br>WD0EVR                            | <b>1298</b><br>CT3BD<br>N2SG<br>N9OF<br>UA3GT<br>UT3KW<br>YB1AYO            | <b>1291</b><br>AC8TO<br>AE6Y<br>K9ZG<br>W8FAX<br>W9MAK              | <b>1283</b><br>DM6MA<br>EA1AUO<br>K8DJC<br>OH5LQ<br>W1DXH<br>W2OL        |
| <b>1318</b><br>K0HQW                                                                           | <b>1311</b><br>JF2TJJ<br>VA7XX<br>W2GR<br>W4HM<br>W6DVS<br>YU9MBA          | <b>1304</b><br>4Z5GV<br>DL5JS<br>IZ8DEO<br>JA3DAY<br>KI3O<br>WG0G<br>YB0MZI          | <b>1297</b><br>AB6L<br>DK3HV<br>JA7JND<br>JA9BEK<br>K9JDP<br>TA2RC<br>UN7TX | <b>1290</b><br>BG8PA<br>DJ2UU<br>K9JP<br>UA1CGS<br>VR2VAZ<br>WB2UFF | <b>1282</b><br>A71EM<br>EA1K<br>JL1IHE<br>K5GZR<br>K9MX<br>WW4LL<br>WX2K |
| <b>1317</b><br>EA1KE<br>JH1CTV<br>K7WK<br>N1SZ<br>SM0W<br>VE6SV                                | <b>1310</b><br>IK0PRP<br>JR6GHN<br>SP6DVP<br>VA6JV<br>WB7BBQ               | <b>1303</b><br>DL1SDH<br>K0ABC<br>K6GFJ<br>KT0P<br>PA7MM<br>W9RB                     | <b>1296</b><br>CE3EEA<br>JE3OUW<br>N0SL<br>OE7SEL<br>PT2ND<br>W3KHQ<br>WX4F | <b>1289</b><br>G6AD<br>JA7FSB<br>JS2KWL<br>KN9N<br>NN1SS<br>OZ7QB   | <b>1281</b><br>DJ9CW<br>KB5IY<br>KC9G<br>N4WD<br>W9GM<br>WB9TFH          |
| <b>1316</b><br>AB2DP<br>EI3ISB<br>GM0VIT<br>JF7NNI<br>K2JK<br>K4IU<br>KR4DA<br>M0MCV<br>WA2QAU | <b>1309</b><br>K1WY<br>K8ARY<br>NJ0F<br>UB3A<br>W1JMM<br>YV5JGO            | <b>1302</b><br>JA1AKL<br>JE1CSW<br>K2MHE<br>KC2LSD<br>LA5LT<br>N9AVY<br>W5HNC        | <b>1295</b><br>G3GAF<br>G4SGX<br>PA3FWV<br>WB9DLC<br>WR7T                   | <b>1288</b><br>HB9FAZ<br>I5SDG<br>K6RC<br>N0ATQ<br>WA9IVH           | <b>1280</b><br>JA3MNP<br>K5DNL<br>N5FEE<br>NJ0U<br>OH5XB<br>W7GA         |
| <b>1315</b><br>K2OGD<br>K4JUJ<br>N2BT<br>VA3CW<br>WB7VNY                                       | <b>1308</b><br>DL1SVA<br>HC8N<br>JL8IPF<br>N4HGZ<br>N9RV                   | <b>1301</b><br>AA4MM<br>M00IA<br>OK2RZ                                               | <b>1294</b><br>DK3FB<br>JH7RTQ<br>K9UWY<br>KN6H<br>NC6RJ<br>PF7M<br>W1PY    | <b>1287</b><br>AK4PR<br>CT3BX<br>DS4DRE<br>EA6AZ<br>JH3GRO<br>KC4AA | <b>1279</b><br>DJ4JZ<br>IK1BQD<br>JA4VUQ                                 |
| <b>1314</b><br>AC0W                                                                            |                                                                            |                                                                                      |                                                                             | <b>1286</b><br>DJ2RB<br>K2DF<br>N5TU<br>W3/NH7C                     |                                                                          |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| K4GN        | <b>1271</b> | <b>1264</b> | W4NF        | K2GLS       | AA7X        |
| K9KEU       | DL7ACN      | DL7AA       | <b>1257</b> | S51AD       | IZ2MHT      |
| WA2ALY      | ND6G        | HB9HHH      | 4Z5FL       | UA2CZ       | NN7X        |
| ZS1EL       | W5GVP       | HB9Q        | IK5SRF      | VE3VV       | WA1LAD      |
| <b>1278</b> | <b>1270</b> | K0UU        | IK8TEM      | W8LIG       | <b>1243</b> |
| AA5H        | DL2AMD      | K8CR        | IT9VDQ      | XE2AU       | F4GTB       |
| F5DBT       | I0YR        | W2EJG       | JA7DOT      | <b>1250</b> | IK2LOL      |
| JA7KQC      | JA6JYM      | WG9L        | K1GND       | AA6XV       | IZ4ORF      |
| JK1NPH      | K7MO        | WO4D        | KC4PX       | JG1GJH      | JL1QDO      |
| K6LD        | R3QJ        | <b>1263</b> | S50N        | JH0AKV      | K4EQ        |
| KC2WUF      | RU3OW       | HB9FAN      | S51DV       | KB8U        | K8RCT       |
| W9OSI       | WM9Q        | JR2HRR      | W4ER        | R4FAN       | KD3UY       |
| WF4W        | YB1BML      | R6MO        | <b>1256</b> | SM3CZS      | WA7RL       |
|             | ZP6CW       | YO2BS       | K1WNT       | WB9ZNZ      | <b>1242</b> |
| <b>1277</b> | <b>1269</b> | <b>1262</b> | VE3PJ       | <b>1249</b> | G6GA        |
| AD7XG       | N7TW        | 7J1ABD      | <b>1255</b> | JA4CSJ      | JA8DBU      |
| JS6QOM      | RN0C        | IC8SQS      | JG1AID      | KK6T        | JK2VOC      |
| K7EV        | W0ZT        | JF1CPH      | JH1SWD      | <b>1248</b> | KD9TAW      |
| K7MY        | W1NT        | M3DFW       | JH4VDP      | EI7JZ       | W4AVY       |
| N3ER        | <b>1268</b> | W0UVC       | N9GKE       | NZ0T        | WA8Y        |
| W2HDI       | EA5XV       | <b>1261</b> | NE5W        | SV3RKM      | <b>1241</b> |
| <b>1276</b> | F1JKJ       | IK5BSC      | W3HER       | W8MRL       | JA0AVS      |
| DL4HRM      | I8PND       | K3TLP       | W4EJG       | <b>1247</b> | JL3JTD      |
| F5TMJ       | LB2TG       | WA5YOM      | W9JOE       | AA0FT       | K1JX        |
| I2LXA       | PY2XAT      | WB8YTZ      | <b>1254</b> | N6ORB       | K5NV*       |
| JF1MUI      | ZP9MCE      | <b>1260</b> | EW1LM       | UA6XT       | VE7VZ       |
| NY6C        | <b>1267</b> | IK2GAJ      | KE5MMT      | <b>1246</b> | W7CQQ       |
| NZ0O        | JA4HDO      | JE1CPB      | W2FS        | AB6BT       | <b>1240</b> |
| WB8RFB      | JH0CLK      | JG1IIF      | <b>1253</b> | DJ9BX       | JA1SZN      |
| <b>1275</b> | K0GEO       | JH4CPC      | EA4XT       | I2XIP       | KX6C        |
| JA3UOQ      | K3TRM       | JK1PEC      | JH8CFZ      | N0VD        | N6DW        |
| JP1EWY      | K4ZMV       | K8OS        | OH1LAR      | N5JEY       | N6GR        |
| UA4PT       | OK1ADM      | K9GY        | PY5VC       | W1ECS       | W2OSR       |
| ZS5LEE      | W2XX        | W2NWU       | <b>1252</b> | WA8EQP      | <b>1239</b> |
| <b>1274</b> | W5IO        | W4IDX       | AB9KZ       | <b>1245</b> | CE3CT       |
| JL4CVG      | YU1FJK      | WC6Y        | K0KO        | 9J2BS       | DL5MM       |
| K1BZM       | <b>1266</b> | <b>1259</b> | K2RNY       | K2SZ        | N9EAJ       |
| W2UB        | GM1BSG      | DF3FJ       | KB4KBS      | KH6XT       | NC7M        |
| <b>1272</b> | K1TU        | G3HSR       | LU5FCI      | KQ5U        | SQ8J        |
| DK1KW       | K4ZNC       | JA6SQR      | MU0GSY      | N7RP        | W4MPY       |
| EA5GXI      | KB2S        | K0RAR       | N5OP        | VA3NXM      | W8YV        |
| HB9DRS      | NG4C        | LA6ZFA      | SM4BNZ      | W0CK        | <b>1238</b> |
| JE4WOK      | RU3U        | OK1MBW      | <b>1251</b> | W4ARK       | 4X1VF       |
| K4FDP       | US5CB       | UZ1WW       | EA1WX       | <b>1244</b> | AD8NQ       |
| KB3LIX      | <b>1265</b> | <b>1258</b> | HL4RBR      | A65BD       | DL7BO       |
| NA5NN       | JH8NQV      | F4CPF       | K0KV        | AA5B        | LZ1XL       |
| RX3X        | TA1PB       | JA2CPD      |             |             | VR2PX       |
| SM5BFJ      |             |             |             |             |             |

|                                                                             |                                                                                              |                                                                             |                                                                                                |                                                                        |                                                                                              |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| VU2TMP<br>W6PG<br>WA5SOG<br>WC4V                                            | JA1PLT<br>LB8OH<br>W2FKF                                                                     | <b>1224</b><br>AB4FH<br>JH4ADF<br>NX4D<br>OK1UU                             | HI3R<br>W4BH<br>WF4B                                                                           | N6XG                                                                   | N8WD<br>WA4YYM<br>WP4CQ                                                                      |
| <b>1237</b><br>EU4T<br>IZ2USP<br>KR0O<br>N8RF<br>PY2AB                      | <b>1230</b><br>DJ4DN<br>JA1QOQ<br>JA4OPW<br>K0ZR<br>KX9X<br>N9QQK<br>SP7MOC<br>W2IZN<br>WA2C | <b>1223</b><br>AE9DX<br>JA1CPU<br>JM1CMA<br>K9IA<br>KN6ZZI<br>N2WM<br>W4DSM | <b>1215</b><br>CT3DZ<br>JA1JMF<br>NY7T<br>W1MO                                                 | <b>1209</b><br>DF7GG<br>EA5BD<br>N6MA<br>OK2FB                         | <b>1201</b><br>5P5Q<br>IS0/YO3RA<br>JR6PGB<br>KV8P<br>PW7T<br>W4GH<br>W6CN<br>W7RN<br>WA1FXK |
| <b>1236</b><br>EI5GM<br>JA1UBZ<br>JA6MWW<br>LU7HN<br>N8KU<br>OM0AST<br>R2AB | <b>1229</b><br>EA1AHA<br>JA1IFD<br>K3PH<br>K4MQ<br>LA7QI<br>N0FCD<br>N7TK<br>W3JXP<br>WA3IIA | <b>1222</b><br>EA7/LA9DL<br>W5RY<br>YO8PS                                   | <b>1214</b><br>EA4EJP<br>JA0BES<br>JL1JVT<br>K6VVA<br>K7HV<br>KK5J<br>N5RZ<br>VE3GYL<br>WB9IWN | <b>1208</b><br>KD4EE<br>KN4OK                                          | <b>1200</b><br>DD0VU<br>GM4KHE<br>K2GW<br>ND0C/QRP<br>ON6MX                                  |
| <b>1235</b><br>EW7A<br>JI2EMF<br>K5SES<br>K9AAN<br>W6IZT<br>W8QXR           | <b>1228</b><br>IK1ZNM<br>JA3BLN<br>JH8WGT<br>KB8KIM<br>OH1XFE<br>UR7CQ<br>W2KNG<br>W7YED     | <b>1221</b><br>HB9TWU<br>JA1QVR<br>JA3AOP<br>KF8HR<br>OE7FWJ<br>PR7AB       | <b>1213</b><br>G0OSK<br>JH4GNE<br>JH8JWF<br>JI1BJB<br>N9FH<br>S57TA<br>SM7WVZ<br>VE4GV<br>W4NK | <b>1206</b><br>ES2IPA<br>K7SO<br>KL2R<br>W4UR<br>W5SV                  | <b>1199</b><br>EI9E<br>JA0TEA<br>KF3N<br>N2ZL<br>N3RR<br>N9XG<br>WE2K                        |
| <b>1234</b><br>IK0OZD<br>JH0LME<br>K4LRX<br>K6RR<br>KD0S                    |                                                                                              | <b>1220</b><br>HA3OU<br>KJ9B<br>OH2TA<br>WA1HEW<br>ZL3NB                    | <b>1212</b><br>AA2IL<br>DJ0AH<br>F5VML<br>JO1QNO<br>UU2JQ<br>W0MAN<br>W1UU                     | <b>1205</b><br>CT1END<br>GM7NZI                                        | <b>1198</b><br>IW0AGX<br>JI1FXS<br>KA5VFU<br>PU2POP<br>VE3FAC                                |
| <b>1233</b><br>JH0LQD<br>JR3MTO<br>KA9UVY<br>KC9WPS<br>SA3CAT<br>WB9B       | <b>1227</b><br>JA9EEH<br>KF5WCP<br>OH2ID<br>WA0BZA                                           | <b>1219</b><br>CU3HN<br>KQ9J<br>WA4TMJ                                      | <b>1211</b><br>I4FTU<br>IZ3KNK<br>K3XC<br>OH3KAV<br>WX0Y                                       | <b>1204</b><br>G3CWW<br>JA0GZZ<br>JR4PMX<br>OH7LZB<br>SP6MAA<br>ZS6RJ  | <b>1197</b><br>DS4DBF<br>HB9ACC<br>K4GM<br>K4OP<br>KB7QFE<br>N4TZ<br>NW6V<br>RU0A            |
| <b>1232</b><br>JE4RAL<br>K3CWF<br>SM6CGI<br>WB6AXD                          | <b>1226</b><br>DL3BUE<br>EA7AZH<br>HA5FA<br>HB9DLE<br>K1PT<br>PJ4LS                          | <b>1218</b><br>AD6DK<br>K4VZ<br>SM3OMO                                      | <b>1210</b><br>G0FWX<br>JA4ONP<br>JL4BSE<br>LA1CO                                              | <b>1203</b><br>JF7DZA<br>JH8DBJ<br>KA7CVJ<br>N4WMB<br>ON4AGX<br>SP1NEN |                                                                                              |
| <b>1231</b><br>G3YSX<br>IK8PGE                                              | <b>1225</b><br>AI0Y                                                                          | <b>1217</b><br>EA5IAG<br>VK7ZE<br>W0VD<br>YB0EIN                            |                                                                                                | <b>1202</b><br>IK2ULM<br>IW4EII<br>JE7LHT<br>K2RSK<br>KI0KN            | <b>1196</b><br>DL1ECG<br>EW3CW<br>GM5YTT<br>JA6WIF                                           |
|                                                                             |                                                                                              | <b>1216</b><br>DF2QC                                                        |                                                                                                |                                                                        |                                                                                              |

|                                                                                            |                                                                                   |                                                                                                        |                                                                                                    |                                                                                      |                                                                                              |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| JE2RBK<br>JK1BIB<br>W4CIR<br>WA8IQF<br>WB4M                                                | IV3BBR<br>K8ESQ<br>N5RN<br>W1BYH<br>YT7T                                          | K4RP<br>LA2GCA<br>N2RD<br>N5UM<br>N8WXQ<br>VE3VGI<br>W7LEA<br>W9FXA<br>WA9MAG<br>WI9WI<br>YO9FLD       | NR0Q<br>W4HVV<br>W7BJN<br>WA6QGH                                                                   | <b>1172</b><br>DJ9FK<br>JA4BUA<br>W1FZ<br>W2FDJ                                      | W5CWQ                                                                                        |
| <b>1195</b><br>K6UIP<br>LA8PDA<br>LU5OM<br>UN8GA<br>W2ZQ                                   | <b>1189</b><br>AA9AA<br>AF3K<br>G4YCS<br>K8TS                                     |                                                                                                        | <b>1177</b><br>IK6IJF<br>JH1EIG<br>KC3AK<br>KI0HA<br>WO5D                                          | <b>1171</b><br>6K5AQY<br>AC0DQ<br>DG5DBT<br>JA1DIO<br>KA3S<br>W4ASE<br>WU7X<br>ZL2LW | <b>1165</b><br>CT7AKW<br>JT1CS<br>PA5CW<br>TF2LL<br>W4DFU                                    |
| <b>1194</b><br>4F3BZ<br>JF3VEC<br>JH9OSX<br>K2RKJ<br>N6VI<br>N8DC<br>R2ARR<br>R5AA<br>W9KB | <b>1188</b><br>JG6CDH<br>K9XR<br>KO1H<br>N3HYB<br>N9ATF<br>NT9E<br>RW5CW<br>SP3UY | <b>1182</b><br>JE3CYW<br>KI5T<br>N5KUC<br>WA3WNT<br>WM5H                                               | <b>1176</b><br>CT1DIZ<br>DL0IV<br>IK2WSO<br>IZ3XEF<br>JA4DEY<br>JA8WGX<br>OZ1DSD<br>VE7ON<br>W9LQI | <b>1170</b><br>IW2CAM<br>K3SW<br>LZ1CY<br>N2YF<br>NS0Q<br>PA2R<br>WN0L               | <b>1164</b><br>JA2CKK<br>JR1FHP<br>OZ9U                                                      |
| <b>1193</b><br>DL9SAD<br>EA5FCW<br>IK5IFH<br>K7QA<br>OH2BC<br>WB3AVD                       | <b>1187</b><br>G3EKJ<br>JF1QQK<br>KL7NW<br>SP2DW                                  | <b>1181</b><br>HR5/F2JD<br>K4RMM<br>K9BQL<br>N9IXD<br>SM0BSO<br>W5XU                                   | <b>1175</b><br>CU7AJ<br>DL7XU<br>JH3EQP<br>JH8LLE<br>LA1J<br>LB7Q<br>N8QGC<br>NT5A<br>W6NK         | <b>1169</b><br>7N4OBV<br>ES4AW<br>JE2VYM<br>JS6SCC<br>K2FJ<br>K2HJB<br>VE3XB         | <b>1163</b><br>EA3HSO<br>HL5FEI<br>JA3EUB<br>N3PV<br>N7FF<br>NI8Z<br>VE3NJC<br>W9FF<br>YO4NA |
| <b>1192</b><br>AJ4HW<br>DJ0IF<br>EA6BB<br>IW1CAB<br>JF2QNM<br>NC6K<br>VK3EUZ               | <b>1186</b><br>CT1EPJ<br>IW4EGX<br>KS0JD                                          | <b>1180</b><br>G8APB<br>IK6DEN<br>JA2QPY<br>JR1KBJ<br>K0AFN<br>K2SG<br>KD9ZR<br>N5EKO<br>N5WNG<br>WO3Z | <b>1174</b><br>F5NNN<br>IK6CAC<br>JA2AYH<br>K6AWR<br>N4LSJ<br>W4SKW<br>WE9A                        | <b>1168</b><br>IK4RQJ<br>IZ0GKB<br>NE1RD<br>NT5O<br>ZS6NK                            | <b>1162</b><br>DL9GOA<br>IZ8EYN<br>W3MS<br>YO9GJY                                            |
| <b>1191</b><br>DL8OK<br>LU9DO<br>NZ3M<br>OZ9GA<br>W0SA<br>W7VP<br>YB2IQ                    | <b>1185</b><br>AB1QB<br>JA1EYN<br>JA9LSZ<br>K0XM<br>N5YY<br>N6KJ                  | <b>1179</b><br>EA2RY<br>IU4CHE<br>KQ5S<br>N2TC<br>UA3NFI<br>UA6FZ<br>W4GHW                             | <b>1173</b><br>DJ3GW<br>DJ3XD<br>GM0NAI<br>JA6CM<br>JF1KIG<br>KB9S<br>VU2DED                       | <b>1167</b><br>9A4BL<br>I1FBJ<br>IK2GAO<br>K1RM<br>K4CSB<br>N8IK<br>NA4CW            | <b>1161</b><br>AA4OC<br>N7GVV<br>UN2G                                                        |
| <b>1190</b><br>DD1JN<br>HL2FDW                                                             | <b>1184</b><br>DL6ZBN<br>HA8FW<br>JH8BOE<br>JR6LDE<br>K4JGR<br>K7YZO<br>LU2DX     | <b>1178</b><br>AA9WO<br>AC6T<br>K1IB<br>KT5V                                                           |                                                                                                    | <b>1166</b><br>DJ6TK<br>F8EZE                                                        | <b>1160</b><br>AG5Z<br>DM1DK<br>F1OBJ<br>F6FFR<br>K0FD<br>K6GCN<br>KB8ZUN<br>VE2NGH          |
|                                                                                            | <b>1183</b><br>F8AMV<br>IS0EBO                                                    |                                                                                                        |                                                                                                    |                                                                                      | <b>1159</b><br>N6TV<br>NT6AA<br>RA3LAL<br>S51DD                                              |

|                                                                                                                                  |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>1158</b><br>DD9WG<br>JA2AXB<br>JA3AAW<br>JA3VUI<br>JH1BUO<br>JI1SVY<br>JJ1IRS<br>K1YT<br>K6SY<br>W6IS<br>WA7YAZ               | UA9OR<br>WB9WHQ<br><br><b>1153</b><br>EA1WH<br>IT9YOZ<br>IZ0LNP<br>JA1ILA<br>JI1DCW<br>KD8FO<br>N1FOJ<br>VA3YP                        | K4ZXV<br>K5WQG<br>KA5SYP<br>N0AB<br>SV7CUD<br>UX7VA<br>V31CQ<br>W1RCR<br><br><b>1146</b><br>DF3VG<br>LA3DV<br>NG3J<br>ON7LX<br>R0SR<br>WA7AVL<br><br><b>1145</b><br>DH5MM<br>JA5BZL<br>K4HEB<br>K9QA<br>KN8F<br>YU1JF<br><br><b>1144</b><br>EA5DKU<br>F6IMB<br>JA3RAZ<br>JE2FJI<br>JR1KAG<br>K4CA<br>NA7RH<br>W8GU<br><br><b>1143</b><br>EA5BZS<br>ER1LW<br>K5XM<br>N6TR<br>R8IA<br>UA9AEU<br>W6MYN<br><br><b>1142</b><br>HB9TJG<br>JH1HGI<br>KS4WA<br>OH2DW<br>VU2NXM<br>W1ES | <b>1141</b><br>JA7MWC<br>KZ1X<br>OM3CND<br>W0NBC<br><br><b>1140</b><br>DL1DH<br>K1BG<br>N9RE<br>NW8U<br>WQ5C<br><br><b>1139</b><br>AI4QQ<br>IU8GNY<br>JP7SOZ<br>K9YZ<br>LA9L<br>PY5JO<br>SP9PRO<br>W5MJ<br>WA9LEY<br><br><b>1138</b><br>AA3I<br>EA1IO<br>I8DPP<br>K8POM<br>LA4RT<br>N3YZ<br>W4ATM<br><br><b>1137</b><br>K7VL<br>KZ2R<br>N1RM<br>NN5G<br>RA0LQ<br><br><b>1136</b><br>AD4EB<br>CP6XE<br>JO1ABS<br>K8CC<br>LZ1MDU<br>RN3A<br>SP5ZCC<br>VR2IL<br>WB9MSM<br><br><b>1135</b><br>DJ3ZF | EA7LL<br>HB9FUX<br>HC1HN<br>JA8KAW<br>N2WN<br>RN7G<br>VA2MM<br>WA3YZD<br><br><b>1134</b><br>IK0UUM<br>IK6CGO<br>JF2ERJ<br>K4ODL<br>KO1I<br>N3GS<br>VE3KKB<br>W7VV<br>W9HZ<br><br><b>1133</b><br>AD4RE<br>HK3VHZ<br>SV3EXP<br>WA4AFE<br><br><b>1132</b><br>JH1GNU<br>KK4MA<br>N2WPT<br>UA9JLL<br><br><b>1131</b><br>IZ5GST<br>SV1IZY<br>YO5OEF<br><br><b>1130</b><br>F6FNA<br>IK2CMN<br>K3RWN<br>KG2GL<br>KJ6MBW<br>NR5R<br>NZ7Q<br>PF1MO<br>TF1A<br>W3XX<br>W4CC<br>W8TOM<br>WS7I | <b>1129</b><br>AK6I<br>BD4SX<br>DF2UH<br>DH8GV<br>HL4GHT<br>JA2THS<br>KB4EE<br>N3OUC<br>N5BA<br>UA3LIU<br>VE3AJ<br>W7AM<br>WM1G<br><br><b>1128</b><br>AK4AO<br>DS5JMG<br>JG8NKJ<br>K7KJ<br>KB8DID<br>NR5O<br>W4MC<br><br><b>1127</b><br>DL7LX<br>DS3EXT<br>G3YFE<br>VE9VIC<br><br><b>1126</b><br>DL8WEM<br>JR1HYA<br>KO6UW<br>N2BSA<br>PJ4/NA2AA<br>W4KVS<br>W5HY<br><br><b>1125</b><br>7N2JZT<br>F8GB<br>I2DJX<br>JA5ICH<br>JP1GVC<br>JR1FCS<br>N2IC<br>SK5PZ<br>W6LZ<br><br><b>1124</b><br>EA8TZ<br>IW7EDZ |
| <b>1157</b><br>A71XX<br>DH5JG<br>DK1AX<br>F5VMN<br>JA5CDL<br>JA7GDU<br>JH1BHW<br>K6OJ<br>K6VHF<br>KS8W<br>WD1M<br>WU2G<br>ZL3REX | <b>1152</b><br>IK0FUR<br>IK5ZAJ<br>JA8NSF<br>KP4JRS<br>KP4P<br>VK4BUI<br>WA8NLX<br><br><b>1151</b><br>JH1AWJ<br>KA5M<br>N5CR<br>OH3DP |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>1156</b><br>AA1BS<br>F6BLP<br>K1VSJ<br>K3WJV<br>KM8V<br>PH7A                                                                  | <b>1150</b><br>JH8CXW<br>N4UP<br>N4VG<br>RM4C<br>W7MD<br>W7SYK                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>1155</b><br>DJ2TG<br>K6ASK<br>K7JY<br>LA7NO<br>N2CJ<br>SP7ASZ<br>W4RS<br>WA1NLG                                               | <b>1149</b><br>AC9A<br>N8AID<br>SP5AMN<br>SP5NON<br><br><b>1148</b><br>OM2AGN<br>W4GHD<br>WB4KTC                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>1154</b><br>I0KRP<br>JH0IEW<br>JN3ONX<br>K5CKS<br>K9UO<br>NC1M                                                                | <b>1147</b><br>IZ1JIZ<br>JA1SHC<br>JG1WNO<br>K0JJR<br>K0UBR                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| K0MP<br>N1AAM<br>VE7NY<br>W0ZX<br>W1ATV<br>W6AYC<br>W8WRP<br>WB4PWZ                                             | <b>1118</b><br>DL1MAJ<br>HB9HFM<br>JA1CC<br>JM3XZC<br>JR0GXA<br>N1DC<br>N4VAN                            | W4PJW<br>W5TUF<br>WF7B                                                                        | KE3ZT<br>KE7BMG<br>N4KEB<br>VE7ACN                                                                                 | <b>1101</b><br>AB5RM<br>IT9RDG<br>IZ3DBA<br>IZ6ELF<br>JH1URT<br>LA4EI<br>N2SU<br>W1XK<br>W7KKC                                                                  | <b>1097</b><br>AD6KQ<br>AG8L<br>JH7XPW<br>K0YY<br>K5TDA<br>N1UZ<br>N9EN<br>R3LO<br>VE3SMA<br>WB0RUR   |
| <b>1123</b><br>AC7ZG<br>G4VWI<br>I1LGR<br>JE2SOY<br>K4VAC<br>KL7KK<br>PY2FZ<br>W9AP                             | <b>1117</b><br>AA2WC<br>AB9YC<br>IZ4IRO                                                                  | <b>1112</b><br>DL6DH<br>JL7BRH<br>JM7TKK<br>K4SBZ<br>KN4FO<br>N6RVI<br>NO2C<br>W5SG<br>WB8QZM | <b>1106</b><br>G3PMR<br>K0KM<br>K2UF<br>K7IA<br>K8CJY<br>LA9KY<br>PA2TMS<br>RT0Q<br>W0QD<br>W3MRL                  | <b>1100</b><br>AA6IO<br>DL1DCT<br>I0ZUT<br>IK8IPL<br>IV3IYH<br>JA3KKE<br>K4IJQ<br>K7PTC<br>KG4OJT<br>KG8V<br>KH6DX<br>N4DE<br>VO1NA<br>WA5YNB<br>XE3E<br>YO8DHA | <b>1096</b><br>AD9DX<br>JA0EBV<br>RG7G<br>WW5L<br>XE1RCS                                              |
| <b>1122</b><br>AJ6V<br>DD0ZN<br>E20YLM<br>JG7AMD<br>K0FG<br>K3HPA<br>KD3TB<br>N5QZ<br>SV1AOZ<br>UA4ARL<br>YB9AY | <b>1116</b><br>DJ7AO<br>F5JGA<br>IT9ABN<br>IZ4COT<br>JA4OIJ<br>JA8ALB<br>JG2KKG<br>K9KU<br>RJ6J<br>US3IZ | <b>1111</b><br>K0MLD<br>K2IE<br>N3TTT<br>VE3EDY<br>W4CZ                                       | <b>1105</b><br>DJ3AK<br>IK7MXB<br>IV3NVB<br>IW7DHC<br>JN1RFY<br>LB8CA<br>N0MR<br>UN7ED<br>VR2ZXP<br>W9VA<br>WB5TOI |                                                                                                                                                                 | <b>1095</b><br>A35RK<br>HA1AC<br>K3UW<br>TA2AD<br>W0QL<br>W8EOG<br>W9KX                               |
| <b>1121</b><br>IK0XKP<br>JA4DLF<br>KI2Y<br>OG1R<br>W8WV<br>YO9FFX                                               | <b>1115</b><br>EI4HH<br>IZ5BYJ<br>JE1COB<br>KG6WIK<br>KJ2U<br>LA7MFA<br>WJ1B<br>WO6T                     | <b>1110</b><br>DL1CF<br>JA4GCF<br>JH2QMT<br>JR1KEI<br>KO9V<br>NB2P<br>PT7NK                   | <b>1104</b><br>K7MH<br>N7EO<br>OZ6TL<br>W0HBK<br>W9BB                                                              | <b>1099</b><br>F5VHJ<br>IK8WCA<br>IZ7GIT<br>JH1FRW<br>KK4ODQ<br>LA3SG<br>N0RQ                                                                                   | <b>1094</b><br>8P6ET<br>IK1AAS<br>IZ0HTW<br>KC2NJ<br>KD2BS<br>LU1FM<br>N5RP<br>W0CO<br>W0YBS<br>YO8OY |
| <b>1120</b><br>JH1LZU<br>W0UY<br>W1RZF                                                                          | <b>1114</b><br>4F1OZ<br>JA0HXV<br>KA4H<br>KE1IU<br>KK4BZ<br>W2FDM<br>YO4CSL                              | <b>1109</b><br>K3FT<br>RT2O<br>RW6MBC<br>SV1HAK<br>W9LU                                       | <b>1103</b><br>AK1P<br>DJ5KL<br>IK5XLB<br>IK6WEZ<br>NM4SH<br>RN3TT<br>SM6TKG                                       | <b>1098</b><br>CT1EGW<br>DJ3EJ<br>E72AD<br>IZ2CSX<br>K2UT<br>K4OTV<br>K5YAA<br>KA8YYZ<br>N2MFT<br>PA1MVL<br>SP8MVC<br>SV4FFL<br>W1USN                           | <b>1093</b><br>DK1MM<br>EA3CWK<br>EI6AL<br>I0BJV<br>SV1JSN<br>WA9IVU                                  |
| <b>1119</b><br>AB4H<br>HC1HC<br>IK4GRF<br>N8KOM<br>OH8JK<br>SP6BXZ<br>WN1M                                      | <b>1113</b><br>DK4MX<br>DU1KT<br>JA7PPK<br>LU1HLH<br>N8JS<br>PA0QRB<br>UA4CX                             | <b>1108</b><br>AB7RW<br>AC8L<br>AD4XV<br>AJ4IM<br>DL3NM<br>IK4SBR<br>JG1XBM<br>W3UTD          | <b>1102</b><br>DS4CNB<br>F8DZY<br>K3NW<br>PA5O*<br>VK4OQ                                                           |                                                                                                                                                                 | <b>1092</b><br>G0UII<br>KD2OV<br>KS4Q<br>ON4VT                                                        |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| XE2W        | N7LAN       | UA4HDB      | W1JFK       | <b>1071</b> | <b>1065</b> |
| <b>1091</b> | NK4R        | W6MVW       | W4WNT       | DL1AN       | DL1ZBO      |
| G3XVF       | SM3DTR      | W9BWR       | W7IMU       | EI4KX       | EA4BHK      |
| JA4XHF      | TA3J        | W9GFB       | WD4EGF      | KJ4FZ       | K8YFM       |
| JA7LMU      | <b>1086</b> | WB8YJF      | YS1RS       | LA2RZ       | N4DJT       |
| JH6JMN      | AA4QE       | <b>1081</b> | <b>1076</b> | M0VCB       | N4UW        |
| K4YL        | ER2RM       | KM4CQG      | AG4TO       | ND9M        | NK9R        |
| N1GFV       | JA8DRK      | MM0BQI      | HA2ESM      | NK9O        | W4MOT       |
| W1MI        | JG1EIQ      | NJ1Q        | JK7IKU      | VK3MB       | <b>1064</b> |
| <b>1090</b> | KE9UA       | NZ6N        | KB5CSQ      | WI4R        | DS5WQT      |
| AA2VG       | LZ2TWY      | SM5CCT      | OZ3ABU      | <b>1070</b> | ES2BL       |
| CT3FN       | RA3FY       | W6KAP       | W1ZZ        | JA7GZM      | JA1DHY      |
| DJ6HR       | W4JDS       | W7JWM       | <b>1075</b> | N3PPH       | N6XI        |
| DU1IVT      | W5TMC       | WW1WW       | AC4CA       | NJ9C        | VK2DAG      |
| EI6JK       | W7WRJ       | <b>1080</b> | DL5SDB      | OZ7BQ       | WU8T        |
| K3IXD       | <b>1085</b> | EI9CN       | JA5XWB      | <b>1069</b> | <b>1063</b> |
| K4WJ        | AI7W        | HB9FBA      | JJ2SEE      | N0HJZ       | EA3LX       |
| K8BB        | K8FB        | JK3NSD      | JK8VMB      | PY2LSM      | JF7PHE      |
| KM4GZI      | LA2LI       | K6EV        | K1TN        | UA9UX       | KB3MXK      |
| KX5U        | N8PE        | KG7CW       | N7NF        | W4GV        | NR3Z        |
| UN6TA       | NN8L        | N6JM        | NN4DF       | W4HPW       | VE6PL       |
| <b>1089</b> | W4OWY       | NR2D        | PA5KT       | YU1NR       | W5CJF       |
| AC6ZM       | <b>1084</b> | PA1NHZ      | VE8EV       | <b>1068</b> | WN9Q        |
| JA8AWR      | DO4DXA      | W7PC        | <b>1074</b> | BW2/JP1RIW  | <b>1062</b> |
| JJ2UDK      | K3DQB       | <b>1079</b> | JA5ALE      | CP4BT       | JH3MHI      |
| JM1GAW      | KB4FB       | AD7KG       | JE0EHE      | JA3EGE      | W1WEF       |
| JR1QLM      | KJ7WY       | IK6IHN      | KC2ATK      | KB8NTY      | W4BR        |
| KK4TKJ      | KX4I        | JL3RNZ      | M0IFT       | N1BKB       | W4KCM       |
| N1GNB       | VE2OWL      | KV2S        | N7PIB       | N5DI        | W8ZR        |
| N9AI        | W5PD        | LU7DW       | W1WN        | N6AA        | <b>1061</b> |
| UR6QA       | W5QZ        | N5MI        | WA4VJK      | UA0LDW      | EI6GF       |
| W2GGY       | W9MDB       | VA1SEA      | WB6RAB      | <b>1067</b> | F8DQL       |
| <b>1088</b> | WB9W        | <b>1078</b> | <b>1073</b> | JA7EU       | G0MMI       |
| EA7OH       | <b>1083</b> | DL4KUG      | G3VSQ       | K9WZB       | JH0NBN      |
| G0HSA       | DL1ASA      | EI4DQ       | JF2UEE      | KC3D        | KA4LBD      |
| JA1DJO      | DL9ABM      | JA2SEQ      | JG1TFC      | KS0T        | LA9SN       |
| K0OB        | HG6IA       | JA6JSY      | K2TA        | LU4DXU      | NF4J        |
| K4AVU       | K0TI        | SM7CZL      | NE3K        | N9JF        | <b>1060</b> |
| KS4L        | UX7IN       | YB1IQE      | RA6WF       | SM5AFU      | EI9HX       |
| MM1PTT      | <b>1082</b> | <b>1077</b> | W1DDD       | W1TYQ       | G4GEE       |
| <b>1087</b> | 4Z4OQ       | JA2HOL      | <b>1072</b> | W4MBD       | IK4PKL      |
| JA1GFD      | CP6UA       | JA8BZL      | DL3NCR      | <b>1066</b> | IZ1EPM      |
| JA3DBD      | JE1WBA      | JF1CZQ      | IZ8BRI      | AC7JM       | KB3IFH      |
| K4AEN       | K4FK        | JN7DIY      | JH3LIB      | IT9RWB      | W9IM        |
| KA1BQP      | KD8MQY      | K4BBH       | LZ1JZ       | K1TO        | <b>1059</b> |
| KI4YY       | N4QK        | K5MMH       | RV3DB       | OK1DO       | DL0UM       |
| N0AKC       | OR4K        | K7BWC       | ZS2ACP      | ON6LY       | K5AX        |
| N3NO        | UA4HAD      | N6ER        |             |             |             |

|                                                                                                                                 |                                                                                                                                 |                                                                                                                                    |                                                                                                              |                                                                                                                           |                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| KI0G<br>LA1FH<br>R2OB<br>SV1PIZ<br>YL2CB                                                                                        | <b>1053</b><br>7N3IJT<br>EI5GSB<br>K6OHM<br>KY6AA<br>V47JA                                                                      | JK2XJE<br>KH6CQH/W7<br>SM7GXR<br>W4ZV                                                                                              | HL1XP<br>JA1HQG<br>JH4EIY<br>K1GW<br>K1XH<br>N6ZM<br>NT4K<br>SK6QA<br>VK4CC<br>W1CDC                         | VA1CHP<br>VU2SWS<br>W1HQ<br>W7GSV<br>YE1AR                                                                                | K7YMG<br>KC4ES<br>KU4A<br>M0RTP<br>W9COS                                                                                             |
| <b>1058</b><br>9A5MI<br>EI4GNB<br>JA2BL<br>JF2RSF<br>K0WK<br>K8TE<br>N6JOJ<br>SP5UFG<br>SP6FXY<br>SP6QM<br>W6QO<br>W6RA<br>WM4D | <b>1052</b><br>IC8XIL<br>IK2QPO<br>IK2RLS<br>K9WMS<br>KC3RKW<br>KC4EZN<br>N4IDH<br>W3PT<br>YB2BOB                               | <b>1047</b><br>DM2DXG<br>JE4KCN<br>K0GVT<br>K3ZK<br>KD5RBU<br>KF6E<br>M0PCB<br>N4UC<br>N6IBP<br>OH2ECG<br>V31MD<br>VE3GFN<br>WA4WR | <b>1042</b><br>AB4ZT<br>AG2J<br>JA9LX<br>K1ETA<br>S52R<br>W7BC<br>YL/RG5A                                    | <b>1037</b><br>JA1MOH<br>JA7JAA<br>K1IG<br>N4CO<br>NE6V<br>W4GKR<br>WA6MRK<br>WF8Z<br>YU1LD                               | <b>1032</b><br>9A1A<br>G4DYA<br>LA8ZAA                                                                                               |
| <b>1057</b><br>DK4SR<br>JA5IBP<br>LA2XNA<br>OL1HQ<br>W5MT<br>W6PH                                                               | K9JJR<br>K9NS<br>KB0FHP                                                                                                         | <b>1046</b><br>AB4EJ<br>DL2MWB<br>JA6SUY<br>KU4GC<br>N8JK<br>R6AZ<br>W4ALF<br>W6INO                                                | <b>1041</b><br>A92BE<br>JG2NLN<br>N7VZ<br>N7WR<br>NH6L                                                       | <b>1036</b><br>DL2UR<br>JP1LVI<br>K2QE<br>KU9Z<br>NN5O<br>UN5GM<br>UY0MM<br>VU3NXI<br>WB3LGC                              | <b>1031</b><br>4O7CC<br>HB9MXY<br>JH1OCC<br>JO3MXH<br>JR3PKO<br>K1JE<br>NX7K<br>OZ1NF<br>WQ9N                                        |
| <b>1056</b><br>JA1CCH<br>K0GK<br>KC4LZN<br>LA2RR<br>N0PFE<br>N5JC<br>ZS4JAN                                                     | <b>1050</b><br>AA3R<br>JA1JYS<br>J11SAI<br>JR2BNF<br>K0MB<br>K0SON<br>KX2B<br>NJ4V<br>NO3U<br>SV2SIF<br>W1WSF<br>W4IEE<br>W8RHM | <b>1045</b><br>AC2AC<br>IZ1UKF<br>JA1JQM<br>JK2IZR<br>W7BVN<br>WB8TGY                                                              | <b>1040</b><br>8P5A<br>AA0BH<br>AE4VJ<br>JE6PJP<br>K0ARM<br>K4LCP<br>M0NGN<br>NC8I<br>UT4ZX<br>W0ZA<br>W2RDS | <b>1035</b><br>AI6P<br>IN3TWX<br>IU8LMC<br>JA8DIV<br>JE1TNL<br>K4TMG<br>KA9JCP<br>KR0I<br>NC4RY<br>RI1FJ<br>W3TA<br>W6VIO | <b>1030</b><br>JA6COW<br>K6VVK<br>K7WA<br>LA6VQ<br>N6MG<br>NU0Q<br>SV1DVX                                                            |
| <b>1055</b><br>I8NLC<br>LA4URA<br>OH3GGQ<br>SP5BMU<br>UU5WW<br>WD4NGB                                                           | <b>1049</b><br>K5UN<br>N3COB<br>PY2BT<br>W3EP*<br>WV1X<br>YO8WW                                                                 | <b>1044</b><br>DL1TPY<br>HA8UT<br>IK8TWV<br>IZ0JNY<br>JR1GSE<br>K4ZW<br>M0AQM<br>UA3EAY<br>W2BCC<br>WD5IYT                         | <b>1039</b><br>3W3B<br>9A3QO<br>CT7ABD<br>K9IO<br>KX5M<br>NF8J<br>NQ4A<br>PT2BW                              | <b>1034</b><br>DL2DCX<br>K9AAA<br>WA1HXX                                                                                  | <b>1029</b><br>CQ0ODX<br>DL6SAK<br>DL7UCX<br>IK7XNA<br>IZ6IOC<br>JR3RIU<br>KH2X<br>N1BRL<br>OH8NW<br>VE3ZN<br>W2GHD<br>W2LPL<br>W6HB |
| <b>1054</b><br>EA4OR<br>JA0CRG<br>JA4EII<br>KB3KJ<br>N4NM<br>WA1F                                                               | <b>1048</b><br>EI8IQ<br>G8CRB<br>IZ1POF<br>JG4GZK                                                                               | <b>1043</b><br>DF1TJ<br>G4WGE                                                                                                      | <b>1038</b><br>KT1V<br>R3QF                                                                                  | <b>1033</b><br>AA2T<br>EI2II<br>JA1VDJ<br>JR4DHK<br>K4FW                                                                  | <b>1028</b><br>EI2FG<br>EI8JX<br>IK1RKN<br>JA5SEY<br>K5WE<br>N2CR                                                                    |

|                                                                                                                               |                                                                                                                |                                                                                                              |                                                                                                                   |                                                                                                                                                   |                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W4SW<br>WA6APQ<br>YB3OSE<br>ZS6X                                                                                              | <b>1023</b><br>4X1EL<br>AC2RL<br>F6FFA<br>IU4AZC<br>JA1MZM<br>JA1QDB<br>KI6PG<br>N7YQ<br>RA3T<br>WU1U          | JJ0PJD<br>JL2ULM<br>KB1AWM<br>NX3A<br>P40P                                                                   | W7CB                                                                                                              | JA6CMQ<br>K1QQ<br>K4EZY<br>K7UPJ<br>KA9JAC<br>KN4WOJ<br>N2BEG<br>WI0E                                                                             | <b>1006</b><br>DJ9KV<br>G3YBY<br>JK1OTP<br>K0AIZ<br>K5AR<br>KB5WWW<br>KC1UYZ<br>KF5BA<br>N5KDV<br>NH6Y<br>OH4KRN<br>PV8RR<br>RW4NJ<br>W7RJR<br>WB3LTT                       |
| <b>1027</b><br>4K9W<br>DJ9HQ<br>KG4VPC<br>KK7L<br>LZ1QN<br>NT5EE<br>W5XG<br>WD4OHD                                            | <b>1022</b><br>EW3MM<br>G4CWD<br>I0LTX<br>K4BYN<br>KF1P<br>N9AVC<br>W6OZI<br>W8RES                             | <b>1018</b><br>DK1NAL<br>K4HR<br>K8UHL<br>KO4IBL<br>N3BK<br>N3GTG<br>NL8F<br>OZ4RT<br>R3LC<br>VR2CO<br>W4LLP | <b>1014</b><br>DK6CQ<br>DL9QJ<br>EA9LZ<br>K1NOX<br>KF0NYM<br>KG5EG<br>NW8F<br>PT2CSM<br>W7SMW<br>WB2MKX           | <b>1009</b><br>9M8DEN<br>IZ7QSS<br>JE4MHL<br>JL1KBS<br>K4DXA<br>K5WL<br>N1XL<br>N2IFA<br>R3TKM<br>WD9FLI<br>WM5DX                                 | <b>1005</b><br>DJ3CJ<br>DL8XDA<br>FM5FJ<br>GI4SJQ<br>JN3XEZ<br>K5FO<br>KR9A<br>N3EEN<br>N6MM<br>NJ6K<br>PA3AIN<br>UA9AM<br>UT9LC<br>W6DOE                                   |
| <b>1026</b><br>DL9ZAL<br>DS2GOO<br>JA5OP<br>KA5OWI<br>N3DV<br>UA4Q<br>UX4UM<br>VE2WY<br>W2WGK<br>W6WRT<br>WX4W                | <b>1021</b><br>DL1SWN<br>DL7VSN<br>F5ELL<br>F5TJC<br>K4VX<br>K6SS<br>KC0V<br>NA9L<br>OH6JKW<br>W2YWC<br>YB2BNN | <b>1017</b><br>IZ0COI<br>JA1GLE<br>JA3ALY<br>JL1EEI<br>K6VWE<br>KT6AA<br>N2GM<br>RA3AOS<br>W9TO              | <b>1013</b><br>AF6O<br>HB9RE<br>JK1DDQ<br>K5HX<br>KA5IAU<br>N9MSG<br>NA6XX<br>PY2YW<br>R7KW<br>VR2CC<br>W7GES     | <b>1008</b><br>9A1CZZ<br>EI2IP<br>HB9MZI<br>K9CHP<br>RA9SAS<br>SM0DGW<br>W3GP<br>W3LJ<br>W6LJS<br>W9VOB<br>WA8UEG<br>WB5KSD<br>XE1V               | <b>1004</b><br>CX9AU<br>DL5FAC<br>GM0SCA<br>JQ2NBX<br>K4LD<br>K7UW<br>K8JRM<br>K9IJ<br>K9MRD<br>KE4GFE<br>LU7HF<br>N2JT<br>S53BB<br>VU2AE<br>W5EW<br>W9KM<br>WA3KVN<br>WE3J |
| <b>1025</b><br>AC1O<br>AE5FM<br>DS5BRE<br>G0KRL<br>K2KN<br>RL8C<br>RV6ARZ<br>YB9WZJ<br>YV6BTF                                 | <b>1020</b><br>E70X<br>JE0HUR<br>JH3FCF<br>K2KNB<br>K2WR<br>K4BNF<br>S53X<br>VE2ACP<br>WA8JBG                  | <b>1016</b><br>DH1UK<br>DS4AKP<br>EW4DX<br>F4GDI<br>HB9DPO<br>K2KQ<br>K9RZ<br>KL7XO<br>N5ZY<br>W2PSU         | <b>1012</b><br>HB9WDF<br>JA1UXV<br>JH1KIM<br>JL1OZI<br>K7LAY<br>KJ4EX<br>RA3AA<br>RD3BZ<br>UU1JA<br>VU2OT<br>WQ5N | <b>1007</b><br>7Z1CQ<br>K1UM<br>K2TTM<br>K4RWP<br>KA2F<br>KR7RK<br>N3JON<br>N8YQX<br>RN4AM<br>VE3MDX<br>W4VG<br>W9EBO<br>WA0GOZ<br>WF5W<br>XE1SAX |                                                                                                                                                                             |
| <b>1024</b><br>CT2GZE<br>DK6WL<br>HL1MKT<br>IZ8DDP<br>JA2LMY<br>JI5RPT<br>JP1QDH<br>JP7WJA<br>K6PBF<br>N4GOA<br>N7GHZ<br>W3OP | <b>1019</b><br>DK6BT<br>G3AKU<br>G3WKL<br>G4PUQ<br>I8DKR<br>JH8UGL                                             | <b>1015</b><br>JA2QCX<br>JG1RYQ<br>K4NI<br>KB1OIQ<br>KI4FSI<br>N4NT<br>N6TW<br>NF6P<br>OH2CLX<br>VE3VEE      | <b>1011</b><br>JH4NYG<br>JR3DXJ<br>K3OK<br>N5XUS<br>OH1HAQ<br>W0OVM<br>WW6G                                       |                                                                                                                                                   |                                                                                                                                                                             |
|                                                                                                                               |                                                                                                                |                                                                                                              | <b>1010</b><br>CT1CQK<br>EA9AM<br>HZ1GW                                                                           |                                                                                                                                                   |                                                                                                                                                                             |

|             |             |        |
|-------------|-------------|--------|
| <b>1003</b> | JN1SUT      | K0AL   |
| AE4S        | K3ORC       | K2RAS  |
| DF5BX       | K6DLB       | K7LOL  |
| E29TGW      | KB7AZ       | K9DUR  |
| EU1TT       | KB8YTD      | KA6RWL |
| IK1RLI      | KF0QS       | KB3HHA |
| KG5NP       | KG4URP      | KB7PKC |
| LA4HC       | KO3F        | KD0BQS |
| NC3O        | KW1X        | KE8NOA |
| NJ8G        | LA8IB       | KZ5D   |
| NK2H        | N3AS        | LA9DL  |
| RA0AM       | N3DD        | N2YU   |
| W0ADL       | N9ATD       | N4GRC  |
| W5GFM       | PY2RF       | N4LS   |
| W6ELI       | VA2KI       | N4PAJ  |
| WA8COB      | VE3FK       | N8YO   |
|             | W2/F2YS     | N9APK  |
| <b>1002</b> | W7GTF       | N9NFT  |
| 7L1UVF      | W9LWO       | NA9J   |
| AK0A        | W9MB        | NG4DX  |
| HB9FKK      | WM6Q        | NS0D   |
| I0ZYA       | WV8EDU      | NT4TN  |
| IN3FCK      | YE4FSB      | OH7HM  |
| JE4XCQ      | YL2CP       | ON5UJ  |
| JJ1HLL      |             | PA5X   |
| KB9REV      | <b>1000</b> | PP6ZZ  |
| KJ7KOJ      | AA4IB       | PV8AAS |
| KX7L        | AB4BJ       | RA5C   |
| N1AH        | AD5ZA       | RM6LW  |
| N2UO        | AI1W        | RT3I   |
| N4WOT       | AJ6X        | UA3DUJ |
| N4XC        | DB9CR       | VA3EJN |
| N8KOJ       | DL1DV       | VE3MSC |
| SV3AGT      | E25KAE      | VK7AP  |
| VK4ZP       | EA3AGY      | VU2MB  |
| W6JH        | EA3HPX      | W3ENM  |
| W9CY        | EA4EQD      | W5GOL  |
| WX4B        | HB9ARK      | W7GF   |
| YB1MIG      | HB9CAT      | W8GJK  |
|             | HI3I        | WF5I   |
| <b>1001</b> | HS8KAY      | WI2E   |
| DB2WD       | IK6TOT      | YB2TJV |
| DG9NAJ      | IK8NIM      | YO5QAW |
| DH2ID       | JA0RWF      |        |
| DS4OMS      | JA1VZO      |        |
| EA1BP       | JA1WIO      |        |
| HB9GZE      | JA2KAK      |        |
| HS8HEX      | JA7LOT      |        |
| IX1CLD      | JA9KA       |        |
| JA1ASO      | JE2DOD      |        |
| JA1CCG      | JF3KOA      |        |
| JA5RVN      | JG1EBU      |        |
| JH1PZD      | JH4MJO      |        |