

## 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 11 Apr 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

|                       |                               |   |                                 |  |   |
|-----------------------|-------------------------------|---|---------------------------------|--|---|
| <b>3304</b><br>EA8AK  | <b>3220</b><br>OH2BU          | <b>3193</b><br>G0JHC                    | <b>3173</b><br>IK4DRY           | <b>3156</b><br>9A7V                              | <b>3136</b><br>N4CC<br>PY2XB              |
| <b>3294</b><br>HA0DU  | <b>3219</b><br>K4PI           | <b>3191</b><br>W1NG                     | <b>3171</b><br>IK1GPG           | <b>3154</b><br>JH4UYB<br>PA3FQA<br>S58T          | <b>3134</b><br>CT1EKY<br>GM3YTS<br>IK4GME |
| <b>3264</b><br>LZ2DF  | <b>3214</b><br>IK4WMA         | <b>3189</b><br>W3UR                     | <b>3170</b><br>CT1APE           | <b>3152</b><br>G3KMA                             | <b>3132</b><br>JR3IIR                     |
| <b>3255</b><br>SP5EWY | <b>3210</b><br>OH3SR          | <b>3188</b><br>F6BKI<br>GM3POI<br>YU1FW | <b>3169</b><br>OH1XX            | <b>3148</b><br>JA3FYC<br>SP3E<br>SP3EPK<br>SV8CS | <b>3129</b><br>N0TB<br>SV1FJA<br>UT3UA    |
| <b>3253</b><br>CT1EEB | <b>3208</b><br>PE5T           | <b>3187</b><br>K5UR                     | <b>3167</b><br>SM6CVX           | <b>3146</b><br>JA5AUC                            | <b>3127</b><br>IZ0AEG<br>SM3EVR           |
| <b>3250</b><br>JA1BK  | <b>3207</b><br>N1DG           | <b>3181</b><br>W1JR                     | <b>3166</b><br>JA5EXW           | <b>3145</b><br>UR0MC                             | <b>3126</b><br>VE3EJ                      |
| <b>3245</b><br>DF3CB  | <b>3204</b><br>KJ9I<br>W4DR   | <b>3180</b><br>W9ZR                     | <b>3164</b><br>N3XX             | <b>3143</b><br>K4CIA<br>OG2M                     | <b>3125</b><br>EY8MM<br>IK8HJC<br>JF2MBF  |
| <b>3244</b><br>UT7QF  | <b>3203</b><br>G4BWP          | <b>3179</b><br>OE6IMD                   | <b>3163</b><br>SM0AJU           | <b>3142</b><br>OE3GCU                            | <b>3124</b><br>JQ3DUE                     |
| <b>3243</b><br>4X4DK  | <b>3202</b><br>DJ6RX          | <b>3178</b><br>JH4IFF                   | <b>3161</b><br>JA4LKB<br>WB9Z   | <b>3141</b><br>HB9BGV<br>K2TQC                   | <b>3121</b><br>I5NPH<br>SM6CMU<br>WD5COV  |
| <b>3232</b><br>S50A   | <b>3200</b><br>I4AVG          | <b>3177</b><br>I4EWH                    | <b>3159</b><br>NN4T             | <b>3138</b><br>OH1ND<br>OZ1BTE                   | <b>3120</b><br>JA4LXY                     |
| <b>3223</b><br>OZ1LO  | <b>3199</b><br>IK4MGP         | <b>3175</b><br>JA4DND                   | <b>3158</b><br>DL4MCF<br>UT5UGR |  |   |
| <b>3222</b><br>DJ9KG  | <b>3197</b><br>EA6SX<br>UX0UN | <b>3174</b><br>K5RK<br>SM3GSK           | <b>3157</b><br>9A2AA            |  |   |

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| W3YX  | <b>3102</b><br>S59Z                                     | <b>3078</b><br>N3SL<br>YO5BRZ   | <b>3056</b><br>N8RR                             | <b>3040</b><br>DJ2YA                                     | <b>3025</b><br>KW9A<br>N4CH<br>N7NR              |
| <b>3119</b><br>OK3GU                            | <b>3101</b><br>AA7A<br>DF3GY                            | <b>3077</b><br>DF4PL            | <b>3055</b><br>K4XP<br>SM5KNV<br>W2YC           | <b>3039</b><br>HB9AMO<br>WK3N                            | <b>3024</b><br>DL5DSM<br>F6BEE<br>LA5IIA         |
| <b>3118</b><br>G4CCZ<br>IK5HHA<br>N8DX          | <b>3099</b><br>LY2IJ                                    | <b>3076</b><br>W5ZN             | <b>3054</b><br>JA1HGY                           | <b>3038</b><br>DL1AMQ<br>W4PK                            | <b>3023</b><br>JR3GWZ                            |
| <b>3117</b><br>I0WDX<br>N2QT<br>PA0WRS<br>VA3DX | <b>3097</b><br>GM0GAV<br>JG3QZN<br>JH1GZE               | <b>3075</b><br>K4DY<br>SP6CIK   | <b>3053</b><br>JR6EZE                           | <b>3037</b><br>F6EXV                                     | <b>3022</b><br>DL2OE<br>OE5KE                    |
| <b>3115</b><br>NJ6P                             | <b>3095</b><br>EA3A<br>JA2VPO                           | <b>3074</b><br>KD5M             | <b>3051</b><br>OE6MDF                           | <b>3036</b><br>JG1ULJ<br>W9RPM                           | <b>3020</b><br>JA0DAI<br>N5KD<br>W3CC            |
| <b>3114</b><br>IK6DLK                           | <b>3094</b><br>SP9DWT                                   | <b>3072</b><br>AA1V<br>OE2VEL   | <b>3050</b><br>K1CP<br>K9CT<br>VE1YX            | <b>3034</b><br>I4LCK<br>JA2WYN<br>K2FF                   | <b>3019</b><br>JA7QVI<br>UT9FJ                   |
| <b>3113</b><br>JA2JPA                           | <b>3093</b><br>W7UT                                     | <b>3071</b><br>SL0ZG            | <b>3049</b><br>N4RJ<br>OH1LEU                   | <b>3033</b><br>EI7BA<br>JA2FBY<br>JA5AQC<br>N2LT<br>UB7K | <b>3018</b><br>JA3EMU                            |
| <b>3111</b><br>OH1MA<br>SM5CEU<br>SP2FAX        | <b>3092</b><br>SM5AQD                                   | <b>3068</b><br>N0XA<br>W8UVZ    | <b>3047</b><br>G4PWA                            | <b>3032</b><br>K0KX<br>SP8NR<br>UY5ZZ                    | <b>3017</b><br>R7LV                              |
| <b>3110</b><br>DL7VEE                           | <b>3091</b><br>W0BV                                     | <b>3067</b><br>IK6FWJ           | <b>3046</b><br>HA5WA<br>JH2FXK<br>SP1S<br>UT7UJ | <b>3031</b><br>AA6YQ<br>G3TXF<br>JR7VHZ<br>K8PT<br>N2TK  | <b>3014</b><br>EA6NB<br>K5DU<br>UA4HBW<br>UT5JAJ |
| <b>3109</b><br>SM3NRY                           | <b>3090</b><br>SP7VC                                    | <b>3065</b><br>N4BAA<br>SV1RK   | <b>3044</b><br>N9IW                             | <b>3030</b><br>S51DI<br>W4TO                             | <b>3012</b><br>JF3KON<br>K5XI<br>N5DG            |
| <b>3107</b><br>W4DXX                            | <b>3087</b><br>ON4AOI                                   | <b>3064</b><br>NR1R             | <b>3043</b><br>DK5WL<br>JA5MHD<br>N6AR          | <b>3029</b><br>S51DI<br>W4TO                             | <b>3011</b><br>DJ8NK<br>SP5DIR                   |
| <b>3106</b><br>ON4IQ                            | <b>3085</b><br>DK5PR<br>IK4CIE                          | <b>3062</b><br>K4MQG            | <b>3042</b><br>F5II<br>JA1UQP<br>YO9HP          | <b>3028</b><br>AG9S<br>SM6CCO<br>T77C                    | <b>3010</b><br>F5NBU<br>G4OBK<br>JJ3PRT          |
| <b>3105</b><br>EA5BM<br>IZ1ANU                  | <b>3082</b><br>YO3APJ                                   | <b>3061</b><br>G0DQS<br>UX1UA   | <b>3041</b><br>HA8IE<br>OH5KW<br>W5OZI          | <b>3027</b><br>IK2YCW                                    |  |
| <b>3104</b><br>JE6KYA                           | <b>3081</b><br>9A2EU<br>HB9BIN<br>K3UA<br>KF2O<br>VK4MA | <b>3060</b><br>G3ZSS            |   |  |  |
| <b>3103</b><br>F6AOJ<br>G3XTT                   | <b>3080</b><br>9A1CCY                                   | <b>3058</b><br>OE1WEU<br>SP5CJQ |   |  |  |

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| <b>3009</b><br>AA1QD<br>K4SO<br>N0AT<br>SM4DHF                       | KX4R<br>OK6DJ<br>SP3DV<br>US5WE      | <b>2980</b><br>JJ2LPV<br>N4XM                | JA2IVK<br>K5EK                                    | <b>2949</b><br>N7RT<br>OK1MP*   | <b>2933</b><br>9A3SM<br>CT4NH                              |
| <b>3008</b><br>CT1IUA<br>JA2JW<br>RW2A                               | <b>2999</b><br>F6DAY                 | <b>2979</b><br>N2WK<br>N6JV                  | <b>2963</b><br>JA1XEC                             | <b>2947</b><br>K1UO<br>OH3BU  | <b>2932</b><br>EA1DFP                                      |
| <b>3007</b><br>SP2GJV<br>SP7GAQ                                      | <b>2998</b><br>K4UTE                 | <b>2978</b><br>S53R                          | <b>2962</b><br>YV1DIG                             | <b>2946</b><br>HB9BZA<br>K9RX   | <b>2931</b><br>F2JD<br>IK5MEN<br>JA3PIS                    |
| <b>3006</b><br>R4GM<br>SP3CFM<br>UT7UW                               | <b>2996</b><br>W4VQ                  | <b>2977</b><br>K5ESW                         | <b>2961</b><br>N5ZM                               | <b>2945</b><br>W7AO   | <b>2930</b><br>OH5VT                                       |
| <b>3005</b><br>K8SIX<br>KY7M   | <b>2995</b><br>N3NT<br>UA4CC         | <b>2976</b><br>EA5RM                         | <b>2960</b><br>DK2LO<br>W9IXX                     | <b>2944</b><br>K4MWB  | <b>2929</b><br>JF8QNF                                      |
| <b>3004</b><br>EA1DR<br>IV3JVJ<br>W3DF                               | <b>2993</b><br>K9EL<br>W4UM          | <b>2975</b><br>JF1PUW<br>K5EJ<br>W3LL        | <b>2959</b><br>EA6VQ<br>JA0EOK<br>K4IQJ<br>UA3AKO | <b>2943</b><br>I8IGS<br>JA2DPC  | <b>2928</b><br>DJ4PI<br>IK5ACO<br>IK6GPZ<br>JA2FJP<br>RA7A |
| <b>3003</b><br>9A5CY<br>AA4V<br>OE2LCM<br>OH2BCK<br>PY2BW            | <b>2992</b><br>DL7MAE                | <b>2974</b><br>KA9CFD<br>OZ3PZ               | <b>2958</b><br>JA1SYY                             | <b>2942</b><br>K0SR<br>W1TSP  | <b>2927</b><br>EA4KD<br>K1ST<br>OZ4O                       |
| <b>3002</b><br>JA0UUA<br>UX0FF<br>W1YY                               | <b>2991</b><br>JA2JNA                | <b>2973</b><br>WX4G                          | <b>2957</b><br>FK8CP<br>K2UO                      | <b>2941</b><br>N4JF   | <b>2926</b><br>DM5EE<br>UA4CR                              |
| <b>3001</b><br>G3SJX<br>US4EX<br>VE2TZT                              | <b>2989</b><br>JH0INP<br>K0IEA       | <b>2972</b><br>JH1IFS                        | <b>2956</b><br>NO8D<br>RZ3AM                      | <b>2940</b><br>JA0CRI<br>JH1TWT<br>K5BG                                   | <b>2925</b><br>AD5A<br>HA5AGS<br>N5AW<br>S54E              |
| <b>3000</b><br>5B4AGN<br>DJ4AX<br>F5UKW<br>I5KKW<br>JA7MSQ<br>JH4ADV | <b>2988</b><br>VE3XN                 | <b>2971</b><br>IK4DRR<br>UA6A                | <b>2955</b><br>JH2UVL<br>W0VTT                    | <b>2939</b><br>IZ8FFA   | <b>2923</b><br>N9US<br>OE5NNN                              |
|  | <b>2987</b><br>K1HTV<br>N4MM         | <b>2970</b><br>DJ5FI                         | <b>2954</b><br>N8PR<br>SP8AJK                     | <b>2938</b><br>HB9RG<br>K0EU<br>OZ1AXG<br>OZ8BZ<br>UA3AB<br>UR5WA<br>W6XA | <b>2922</b><br>K1AR  |
|  | <b>2986</b><br>K4QL<br>NI0G<br>RA3CQ | <b>2969</b><br>JA6BZI                        | <b>2953</b><br>W3KX                               | <b>2937</b><br>JL1SAM<br>RA3DX  | <b>2921</b><br>I3BUI<br>K9ZO<br>W5XX                       |
|  | <b>2984</b><br>IV3ODE<br>MD0CCE      | <b>2968</b><br>JA0FSB                        | <b>2952</b><br>IK6SNR                             | <b>2935</b><br>R3OK<br>YU3AA  |  |
|  | <b>2982</b><br>JH1HGC<br>K5KC        | <b>2965</b><br>DK1FW<br>K3FN<br>K4SV<br>N4II | <b>2951</b><br>JA9CHI<br>K1ZZ                     |   |  |
|  |                                      | <b>2964</b><br>DJ0MDR                        | <b>2950</b><br>W1GL                               |   |  |

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| <b>2919</b><br>DL1DUL<br>K2UU<br>K9NU                       | OH1TV  | <b>2890</b><br>OK1CF<br>R5AJ  | RW0LT<br>W1RM   | <b>2865</b><br>G0OIL<br>K9NW<br>UA3DPM          | <b>2850</b><br>JR3VXR<br>SP3CGK                  |
| <b>2918</b><br>WA7NB  | <b>2906</b><br>EA3JL<br>UA3TCJ<br>W2IRT<br>W6UB<br>WB6RSE        | <b>2889</b><br>IK0MHR<br>JA1ADT<br>JR4OZR<br>K3WC                           | <b>2877</b><br>SM3VAC<br>UX1AA                                    | <b>2864</b><br>A45XR                            | <b>2849</b><br>IK7NXM<br>JA2LCP<br>RY7G          |
| <b>2917</b><br>9A2NO<br>AB3CV<br>IZ1BII                     | <b>2905</b><br>PY5HOT<br>W18A                                    | <b>2888</b><br>N8JV   | <b>2876</b><br>HK3W<br>SM6CTQ                                     | <b>2863</b><br>4Z5CX<br>DJ5AV<br>JI4POR<br>WP4U | <b>2848</b><br>N5UR<br>VE3LYC                    |
| <b>2916</b><br>EA3GP<br>RU3FM                               | <b>2904</b><br>PY5EW   | <b>2887</b><br>JA6LCJ<br>JH1ECG   | <b>2872</b><br>JA8EAT<br>K4HGX<br>K5MC<br>K8ZTT<br>RA4CC          | <b>2862</b><br>E72A<br>K3WW<br>N4DB<br>R3AW     | <b>2847</b><br>N2TU                              |
| <b>2914</b><br>OM3DX<br>RK4FD                               | <b>2903</b><br>RY9C  | <b>2886</b><br>JO7WXN<br>K6ND   | <b>2871</b><br>N2NL   | <b>2860</b><br>IT9JNR<br>YO7LCB                 | <b>2846</b><br>IK1YED<br>JA9FPI<br>KF0QR<br>R7DX |
| <b>2913</b><br>EA5BY<br>OE8RT<br>ON4CD<br>SM6CNN            | <b>2901</b><br>IW1ARB<br>K4CN<br>N8TR                            | <b>2885</b><br>JA1ANR   | <b>2870</b><br>EA1YO<br>JA9LJS<br>ZS4TX                           |   | <b>2845</b><br>R9FM<br>WA4FFW                    |
| <b>2912</b><br>AC4G<br>K4HB<br>KV7K<br>NK1K<br>W1CU<br>W8AV | <b>2900</b><br>9A2F<br>EU7A<br>IZ1LBG<br>JF4VZT<br>K3UL<br>W4DKS | <b>2884</b><br>AA1ON<br>R7AA  | <b>2869</b><br>JA2BDR<br>JA2XYO<br>JN7FAH<br>LA7HJA<br>SP6HEQ     | <b>2859</b><br>HL3IUA<br>JA1EOD<br>K4ZYU        | <b>2844</b><br>JA1SJV<br>UA4LY                   |
| <b>2911</b><br>CT1ILT                                       | <b>2899</b><br>OH3JR   | <b>2883</b><br>SM5CZQ<br>W3NO   | <b>2868</b><br>AB4IQ<br>IZ5DKJ<br>LA4GHA<br>LA7JO<br>N8BM<br>W4FC | <b>2858</b><br>K1DG<br>SM6DHU                   | <b>2843</b><br>W8GC                              |
| <b>2910</b><br>K4XO   | <b>2897</b><br>OZ1CTK  | <b>2882</b><br>JA7JWF<br>RZ1OA  | <b>2857</b><br>JA4FKX<br>UA6MF                                    | <b>2855</b><br>JR3OEH<br>OE1ZL<br>SP3IBS        | <b>2842</b><br>PY5EG<br>SM4EMO                   |
| <b>2909</b><br>JA0GJJ                                       | <b>2896</b><br>KG7H  | <b>2881</b><br>I1EIS<br>N5TY  | <b>2856</b><br>JF2UPM<br>OH2BLD<br>W1ECT                          | <b>2854</b><br>KG4W<br>RV3LO                    | <b>2841</b><br>JF1WPB<br>K3WA<br>NE1B            |
| <b>2908</b><br>HA1RW<br>JE2LUN<br>K8FL<br>N4HU<br>RW5C      | <b>2895</b><br>N4QS  | <b>2879</b><br>G3LZQ<br>JA2NDQ<br>JA5IU<br>JH1RFR<br>K9YY<br>LA5HE<br>SP6CZ | <b>2867</b><br>JA3RAR<br>JH4JNG<br>JL1UXH<br>LZ2JE<br>W9RN        |   | <b>2840</b><br>DK2NG<br>SV1CNS                   |
| <b>2907</b><br>DL1EJA                                       | <b>2894</b><br>RJ3AA   | <b>2878</b><br>IV3YYK<br>JA2ZL<br>N4PQX                                     | <b>2866</b><br>JA9APS<br>KN4F                                     |   | <b>2839</b><br>K2VV<br>LA7AFA                    |
|   | <b>2893</b><br>W0MHK   |   |   | <b>2853</b><br>JI2KXK                           | <b>2838</b><br>W1DIG                             |
|   | <b>2892</b><br>N4NX<br>WB4OSS                                    |   |   |   |  |

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| <b>2837</b><br>DL6ATM<br>G4IRN<br>NY0V<br>VE1DX<br>VE3FF<br>W5TCX<br>W9OP | SM2OAN<br>WA2VYA   | EA6ET<br>JR2LJO<br>RL9F<br>SV1DPI<br>WA5VGI                | <b>2803</b><br>EA3WD                               | <b>2788</b><br>F5PAC<br>N5ORT                            | <b>2775</b><br>9A2NA<br>JA7KY                                    |
| <b>2836</b><br>W8OI   | <b>2825</b><br>DL4CF<br>K5XX<br>SP1MGM                             | <b>2814</b><br>KC7V  | <b>2802</b><br>IK0XBX<br>KA9FOX<br>UR5EDX          | <b>2787</b><br>KN5O<br>VE3BW<br>W5XC<br>W9MU             | <b>2774</b><br>JH3VNC  |
| <b>2835</b><br>NQ1K<br>UA1OIZ   | <b>2824</b><br>AB6QM<br>EA1N<br>IK1WGX<br>JA4MRL<br>RZ3DX<br>W2SM  | <b>2813</b><br>9A8A  | <b>2800</b><br>IK0FUX<br>RU3QR                     | <b>2786</b><br>JA5XAE                                    | <b>2773</b><br>K0JGH   |
| <b>2834</b><br>JA8DNV<br>R7NW<br>SM3NXS<br>VE3EXY                         | <b>2823</b><br>AI9L<br>JR1XIS                                      | <b>2812</b><br>9A4T<br>K7ZV<br>UW5ZM                       | <b>2799</b><br>W2LO                                | <b>2784</b><br>K5AQ<br>W7KNT                             | <b>2771</b><br>K2CL<br>PA3C<br>RU3DX<br>UA3AGW<br>UR5MID<br>W1FJ |
| <b>2833</b><br>HB9DDO<br>JE1SYN<br>K0DEQ                                  | <b>2821</b><br>IU7QBB<br>JO1WKO<br>N4AH<br>SP6DNZ<br>UA0ZC<br>W7DO | <b>2811</b><br>JA9RRH<br>JE2LPC                            | <b>2798</b><br>SP7HOV<br>SV1JG                     | <b>2783</b><br>N5FG                                      | <b>2770</b><br>JF2XGF  |
| <b>2832</b><br>K5ZK<br>N0AV   | <b>2820</b><br>I4MKN<br>JR7BDQ                                     | <b>2810</b><br>DK3DG<br>HB9HFN<br>IW0HEX<br>N4DW<br>WB9CIF | <b>2797</b><br>IK0PEA<br>JA1DUH                    | <b>2782</b><br>MM0EAX<br>SM6BZV                          | <b>2769</b><br>F4BKV   |
| <b>2831</b><br>CT1FMX   | <b>2819</b><br>N9AU*<br>SV1AVD                                     | <b>2809</b><br>DL6KR                                       | <b>2796</b><br>JS3CTQ<br>K7NN                      | <b>2781</b><br>AJ6T<br>DK0PM<br>RN3QN<br>UA3LAR          | <b>2768</b><br>HA1RB<br>JA4PXC                                   |
| <b>2830</b><br>K9EU<br>UA3AP  | <b>2818</b><br>AA5AM<br>I6FLD<br>JE2URF<br>W6OAT                   | <b>2808</b><br>LB8DC                                       | <b>2794</b><br>IK4PLW                              | <b>2780</b><br>CT1GFK<br>N7US                            | <b>2766</b><br>G0BNR<br>HA7TM<br>K9US<br>WA2WSX                  |
| <b>2829</b><br>DJ9HX<br>N5OK  | <b>2817</b><br>JH1NYM<br>RU6B<br>S52F                              | <b>2807</b><br>DK6WA<br>W1TC                               | <b>2793</b><br>AG4W<br>K6FG<br>RA3DA               | <b>2779</b><br>NI6T<br>W6SR                              | <b>2764</b><br>AI0O<br>JA4DLP<br>K2RW                            |
| <b>2828</b><br>IK2QPR<br>K5KLA<br>OK2ZU                                   | <b>2816</b><br>IK0FVC<br>IK5DNF                                    | <b>2806</b><br>G3SNN<br>JS2LHI<br>K1OA<br>W9XY             | <b>2792</b><br>JH3CUL<br>LA3MHA<br>SM0CCM<br>UT2UB | <b>2778</b><br>NN4X                                      | <b>2762</b><br>9A1HBC<br>DJ9VA<br>HB0CC<br>K5RT                  |
| <b>2827</b><br>9A2JK  | <b>2815</b><br>9H1SP   | <b>2805</b><br>5B4MF<br>HA9PP<br>SP9JZU                    | <b>2790</b><br>4Z5MU<br>HB9ALO<br>W0UO             | <b>2777</b><br>DK5AD<br>JA2VQF<br>JE1FQV<br>W0YG<br>WE9R | <b>2761</b><br>I4KDJ   |
| <b>2826</b><br>AA4HP<br>ON4GG   |  | <b>2804</b><br>DL5WW<br>VA5DX<br>W9AJ                      | <b>2789</b><br>HB9DHK<br>I1FQH<br>IK4HLU<br>VE3DZ  | <b>2776</b><br>JA6VQA<br>JE8BKW<br>K8GG                  |  |

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| JL1RUC<br>K6KLY                              | UY5AA   | <b>2733</b><br>CU2DX   | W1YM  | <b>2712</b><br>F6HDH<br>JH3VWN                                 | <b>2701</b><br>K7BG<br>OE3EVA<br>R6AF<br>SP3CJS                    |
| <b>2760</b><br>UN5J                          | <b>2745</b><br>JA1SVP<br>W2LK                           | <b>2732</b><br>SV2AEL<br>UT8IO<br>W7OM                             | <b>2722</b><br>JR1BAS<br>NS4C   | <b>2711</b><br>IZ8FWN  | <b>2700</b><br>DJ9ZB<br>JH7RXU<br>K7PI<br>N9LB<br>RA9CMO<br>WA2HZO |
| <b>2759</b><br>IK4ADE<br>ZS6EZ               | <b>2744</b><br>RA3XDX                                   | <b>2731</b><br>DJ9ON<br>NV9L                                       | <b>2721</b><br>AD1C<br>DL9GFB<br>K9MK<br>W9XX                               | <b>2710</b><br>EA2IA   | <b>2699</b><br>IZ8XQC<br>K8WK<br>UT4MF<br>YU1CC                    |
| <b>2758</b><br>PY2SP                         | <b>2743</b><br>RD3K                                     | <b>2730</b><br>EA7TV<br>K1NU<br>SP9RCL                             | <b>2720</b><br>K3PA<br>ON4IZ<br>US0KW<br>UX3IW                              | <b>2709</b><br>AJ9C<br>HB9AUS<br>R9TO                          | <b>2698</b><br>K8GI<br>RW3RN<br>WB3AVN                             |
| <b>2756</b><br>RV3FT<br>UN7JX                | <b>2742</b><br>DL5ME<br>KB0EO<br>SP9ODY                 | <b>2729</b><br>DK2JX<br>G4PTJ<br>JA2KVD<br>K5UO<br>PY7DJ<br>WB4TDH | <b>2719</b><br>F5CQ<br>G4GIR<br>N7RO  | <b>2708</b><br>CT1BH<br>K3RA<br>OZ1ADL<br>PY4OY<br>UN6T        | <b>2697</b><br>KJ3L  |
| <b>2755</b><br>DL5AN<br>SP6CES               | <b>2741</b><br>DF6PB<br>JA1KQX<br>SV1BTK                | <b>2728</b><br>JA9TWN<br>JJ3HGJ                                    | <b>2718</b><br>DF2UU<br>JE1LFX<br>JK1EXO<br>N9FN<br>OE6DK                   | <b>2707</b><br>DM2DXA<br>G0BLB<br>JH1HHC                       | <b>2696</b><br>JE3GRQ<br>JG0CQK                                    |
| <b>2754</b><br>KC9ARR                        | <b>2740</b><br>R5DT                                     | <b>2727</b><br>JA3AZD<br>SP2BMX                                    | <b>2717</b><br>JA5WIZ<br>JA9NLE<br>JF1UVJ                                   | <b>2706</b><br>S52DD   | <b>2695</b><br>W5FKX   |
| <b>2753</b><br>AB9V                          | <b>2739</b><br>F6FXU<br>IT9DSZ                          | <b>2726</b><br>K5GKC<br>K8AC<br>RX4HZ                              | <b>2716</b><br>DL7BA<br>UA9FAR<br>W8HW                                      | <b>2705</b><br>EA3BS<br>G5LP<br>W5ADD                          | <b>2694</b><br>AA5C  |
| <b>2752</b><br>CT1BOL<br>N5XZ<br>SM4DDE      | <b>2738</b><br>EA7R<br>K1GG<br>WX1S                     | <b>2725</b><br>DL6MRS<br>EA8AKN<br>JF0EHX<br>R3VA                  | <b>2714</b><br>JA6WJL<br>JI8DGO<br>JR7WFC<br>K0KT<br>NX7U<br>RA3QK<br>W0DJC | <b>2704</b><br>JF7XKY<br>K0JUH<br>ZS1LS                        | <b>2693</b><br>W0AW  |
| <b>2751</b><br>UA4HAU                        | <b>2737</b><br>G4IYY<br>JA3GN<br>K1BD<br>OH6RX<br>UT7UV | <b>2724</b><br>HB9DDZ<br>I7CSB<br>JA3FGJ<br>KB8VAO<br>PY2YP        | <b>2713</b><br>JA8RJE<br>UA0CW<br>W1MK                                      | <b>2703</b><br>DL1YD<br>K8EUR<br>KA1R<br>NM6V<br>SP6M<br>W0FLS | <b>2692</b><br>K3JGJ<br>PE1L                                       |
| <b>2750</b><br>JA9PPC<br>K6XT<br>N8DJX       | <b>2736</b><br>JA6CRP                                   | <b>2723</b><br>SM5FUG  |   | <b>2702</b><br>AH7C<br>W5AJ<br>WP4G                            | <b>2691</b><br>CU2AP<br>WE7K                                       |
| <b>2748</b><br>JN1BMX<br>PA3EWP<br>W6RLL     | <b>2735</b><br>JA4OK<br>K8NVR<br>KK2I<br>WT8C           |  |   |  | <b>2690</b><br>JA1XCZ<br>OE1AZS<br>SP7ITB                          |
| <b>2747</b><br>E72U<br>KZ2I<br>N6ET<br>VA2WA | <b>2734</b><br>JR6FC<br>W6YI                            |  |   |  |  |
| <b>2746</b><br>KP2A                          |   |  |   |  |  |

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|---|---|--|--|--|---|
| W1SKU   | <b>2673</b><br>IW0SAF<br>W9NGA<br>YS1RR         | <b>2661</b><br>JE6TSP<br>W9ILY   | <b>2651</b><br>AA9A<br>JN1RQV                    | N4TL<br>RW3XZ<br>SV3DCX  | G3WPH<br>RW4C   |
| <b>2689</b><br>EI6FR<br>W2KKZ<br>W6VX           | <b>2672</b><br>G3VKW<br>OH2FT                   | <b>2660</b><br>DJ4XA<br>IZ3ENH<br>JA7MFL<br>RW4NN<br>SP3QDM              | <b>2650</b><br>G4OWT<br>JH8RZJ<br>K9MM<br>W8HC   | <b>2637</b><br>JG3IWL<br>UA0FZ<br>UN7LZ                                  | <b>2626</b><br>WA1JMP                                     |
| <b>2688</b><br>JA0DIN<br>JA0IXW                 | <b>2671</b><br>JE7JDL<br>K1KD<br>W8TN           | <b>2659</b><br>K8BCK<br>KZ4V<br>LA9AJA                                   | <b>2649</b><br>AD5Q                              | <b>2636</b><br>EA5GPQ<br>K1LPS<br>K8VJV<br>N1SV<br>N8KOL<br>NN4R<br>W2JU | <b>2625</b><br>G3SVD<br>JH1BZJ                            |
| <b>2687</b><br>W3AP                             | <b>2670</b><br>4Z4DX<br>DL3ZA<br>R8TX<br>YL2MU  | <b>2658</b><br>ON4ON<br>UW2ZM<br>W2PK<br>W4QN                            | <b>2647</b><br>JE3ENP<br>K2EP<br>KS1J            | <b>2634</b><br>I5HOR<br>K1DT<br>N1NK<br>S57AC<br>WC5N                    | <b>2624</b><br>DF9ZW<br>KM1D<br>LA7GIA                    |
| <b>2686</b><br>KD6WW<br>RM0F                    | <b>2669</b><br>WX2S                             | <b>2657</b><br>N3MN<br>RA1QD   | <b>2646</b><br>JN1GTG                            | <b>2633</b><br>K6GXO<br>NU8Z<br>W6XK                                     | <b>2623</b><br>GM3PPE<br>IZ0RVI<br>N9RS                   |
| <b>2684</b><br>DF2RG<br>W5CIA                   | <b>2668</b><br>JA7MOL                           | <b>2656</b><br>DL5CW<br>K0JY<br>LA5LJA<br>NS6C                           | <b>2645</b><br>JR2UBS<br>W3JX<br>W4TV            | <b>2631</b><br>9A1CAL<br>JA7IC<br>K9XD<br>RX3AGD                         | <b>2622</b><br>JA1IZZ<br>K0BBC<br>RA3ZH<br>RZ4FO<br>W4FQT |
| <b>2682</b><br>IK8YTA                           | <b>2667</b><br>K0KVR<br>K9IR                    | <b>2655</b><br>HB9LCW<br>UA3TT   | <b>2644</b><br>DF3UB<br>N1IBM<br>SM6CUK<br>VE6WQ | <b>2621</b><br>EC3A<br>JM1FHL<br>W4WM                                    |   |
| <b>2681</b><br>EA8JF                            | <b>2666</b><br>G4WFQ                            | <b>2654</b><br>DL4SZB<br>SM6NOC<br>W8DCH                                 | <b>2643</b><br>OE5RLM                            | <b>2630</b><br>JJ1DWT  |   |
| <b>2679</b><br>EW2A                             | <b>2665</b><br>F5HNQ<br>JI1LET<br>N2BJ<br>WA8WV | <b>2653</b><br>JA3APL<br>JA5NLN  | <b>2642</b><br>OE5FIN<br>SM0NJO<br>W9BF          | <b>2629</b><br>IV3IZU<br>JA2AHH<br>JA9CHJ<br>W4OX                        |   |
| <b>2678</b><br>DF2IS<br>K6AM                    | <b>2664</b><br>K4SE                             | <b>2652</b><br>AF9H<br>LA8PT<br>SK3PY<br>UT5EL<br>W5LT<br>W7CT<br>WB0TEV | <b>2641</b><br>K8TL<br>OE1WHC<br>W2YJ            | <b>2619</b><br>JA2ATE<br>JH6QFJ<br>N6ED<br>ND0N                          |   |
| <b>2677</b><br>IK4BHO<br>JE2DZC<br>N7KA<br>W4BP | <b>2663</b><br>I5ZGQ<br>JA3ENN<br>OE4PWW        |  | <b>2640</b><br>DL6ZXG<br>IV3RAV<br>WA3C          | <b>2618</b><br>9K2OD<br>DF2GH<br>K7BV*<br>W2QO<br>WA0MHJ                 |   |
| <b>2676</b><br>WN6W<br>YB5QZ                    | <b>2662</b><br>JA1WSK<br>JE2OVG<br>NA5C         |  | <b>2638</b><br>CX6VM<br>JA2CXF                   | <b>2617</b><br>DF9KF<br>K4JJW<br>K4WS                                    |   |
| <b>2675</b><br>HB9SLO<br>JH7XRG<br>KE9ET        |   |  |  |  |   |
| <b>2674</b><br>HB9TKS<br>JH1QAX                 |   |  |  |  |   |

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|--|---|--|--|---|--|
| K5LJ<br>N5LZ<br>S52OT  | JA2EPW<br>VK3QI                                 | JA7BWT<br>JI1DHY   | <b>2586</b><br>N8OC  | <b>2573</b><br>JH3AIU<br>SP8FNA   | W5BPT  |
| <b>2616</b><br>G3ZQH<br>JA7LGE<br>OE3SGU                                   | <b>2607</b><br>JK1KSB<br>KE8UN<br>KU0A          | <b>2596</b><br>K8IU                                      | <b>2585</b><br>AA4R<br>OM4EX   | <b>2572</b><br>HB9CZR<br>SK0TM  | <b>2563</b><br>UA6EX   |
| <b>2615</b><br>IZ3GOG<br>K6SIK<br>KG9N<br>PA1CW<br>SP5IWA                  | <b>2606</b><br>RN3OG                            | <b>2595</b><br>HB9CEX<br>JA3APU<br>NX0I<br>W3GQ<br>W7BEM | <b>2583</b><br>WB5JID  | <b>2570</b><br>CT3MD<br>DL5EBE<br>JA1CLW<br>K6EID<br>OK2QA<br>RA1QY<br>W6PJ | <b>2562</b><br>PY2NQ<br>W5VY   |
| <b>2614</b><br>DL1DA<br>JA1WSX<br>N8LJ                                     | <b>2605</b><br>9A4W<br>IK5MDF<br>JA4ITW         | <b>2594</b><br>IT9PKO<br>JA1IOA<br>JA5FBZ<br>JH1AGU      | <b>2582</b><br>G3NDC   | <b>2571</b><br>JE2EHP<br>K8YTO<br>W9YSX                                     | <b>2561</b><br>AA5AT<br>EA1EAU<br>G3KWK<br>IK0AGU<br>JA1NWD<br>W1YIF<br>W9OL |
| <b>2613</b><br>KK9DX   | <b>2604</b><br>DK9KX<br>HL2WA<br>JA1GHH<br>W3OA | <b>2593</b><br>DL3OH<br>K1RO<br>K4XD                     | <b>2581</b><br>BA4RF<br>DK2GZ<br>JA1VSL  | <b>2569</b><br>F3SG<br>NN4SS<br>RU6L  | <b>2560</b><br>K3JT<br>KQ8M  |
| <b>2612</b><br>DL1DUO<br>JG4AKL<br>K4TT<br>N5GH<br>N7IR<br>RL3FA<br>WB8BPU | <b>2603</b><br>K4XI<br>SV5DKL<br>W8KEN          | <b>2592</b><br>JK1OPL<br>KG8P                            | <b>2579</b><br>I8JIT<br>JA2FGL<br>UA0SR<br>W9FR                                | <b>2568</b><br>CT1FPQ<br>RD3AW<br>YO2RR                                     | <b>2559</b><br>HB9CQK<br>JA9AGN<br>W0VX                                      |
| <b>2611</b><br>K2LS<br>K5VIP<br>KM4H<br>OH9MDV<br>W1KSZ                    | <b>2602</b><br>DL2KQ<br>JA7JI<br>KD0Q<br>W8TWA  | <b>2591</b><br>JA1GRM<br>N4RWG                           | <b>2578</b><br>SP9UPH<br>W6NWS   | <b>2567</b><br>JA3RQ<br>PY5CC<br>SV2BFN                                     | <b>2558</b><br>DL9MRF<br>JA1QOA<br>SM6BGG<br>WB9EEE                          |
| <b>2610</b><br>K1USA<br>K6YUI<br>LA3WAA<br>NF9V                            | <b>2601</b><br>HA0UZ<br>K7WP                    | <b>2590</b><br>K7XB<br>RW7M                              | <b>2577</b><br>IK5BAF<br>IZ8DFO<br>JA5BEN<br>N7XR<br>PY2KP<br>VE3MWX<br>WB8ZRL | <b>2566</b><br>AA6AA<br>JA2VMU<br>JG3LGD<br>KI0KB<br>NC9T<br>XE1KK          | <b>2557</b><br>DK3WW<br>JA8EJO<br>K0BJ<br>K4EM<br>S55DX                      |
| <b>2609</b><br>EI2GLB<br>K4WA<br>WD8JJA                                    | <b>2600</b><br>JH4ALY<br>W7WM<br>WX0V           | <b>2589</b><br>JQ6RUP<br>JR1GJP<br>K1LD<br>RW0CF<br>W6RW | <b>2576</b><br>IK5PWQ<br>JF6WTY  | <b>2565</b><br>DL5XJ<br>HK4SAN<br>IK5RUN<br>JA9NFO<br>N4QQ<br>WO2T          | <b>2556</b><br>DL1KUR<br>IZ5JMZ<br>PA5TT                                     |
| <b>2608</b><br>E73Y  | <b>2599</b><br>AA8CH                            | <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                           | <b>2555</b><br>CT3HF<br>JA1WPX<br>JR7FRW<br>K8ROX<br>OZ1HX<br>SP6EQZ         |



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|---|---|--|---|--|--|
| <b>2554</b><br>IT9DAA<br>JA9CWJ<br>W3BW                             | <b>2542</b><br>W7LR   | <b>2531</b><br>JA1ELY<br>UA6YW                           | <b>2521</b><br>KD3CQ<br>KM4HI   | <b>2511</b><br>EV1R<br>KR4F<br>W6TC  | <b>2504</b><br>EU1KY<br>IK7XLU<br>JH1QDB<br>LU2NI<br>N3RC  |
| <b>2553</b><br>W1YW   | <b>2541</b><br>JF1KKV<br>W3DRY<br>W4VIC                     | <b>2530</b><br>AA4SC<br>JR9OPJ<br>K5WAF<br>ON6AA<br>W7AL | <b>2520</b><br>IT9XTP<br>IZ2AMW<br>K6RO<br>N4HB<br>RA4CA                      | <b>2510</b><br>DK5AI<br>JR1DUP<br>K7SP<br>K9MBQ<br>LY1G<br>N4PY<br>VK3GA                     | <b>2503</b><br>CT1EAV<br>DJ3AA<br>EA5CRC<br>K3NK<br>RN8W<br>SP8HKT<br>W1ZT   |
| <b>2552</b><br>OE8HIK   | <b>2540</b><br>EI9FBB<br>KE4YD<br>WA3AFS                    | <b>2529</b><br>IW0HQE<br>K8QM<br>RA3WDK<br>UA1OMS        | <b>2519</b><br>N4GN<br>RG5A<br>RZ6BS  | <b>2509</b><br>DK1WB<br>I2EOW<br>JR1BLX<br>JR4DSM<br>NQ7R<br>US3LR                           | <b>2502</b><br>G4IUF<br>JA1FQI<br>JA8JTH<br>JH1OAI<br>KT8X<br>N6RV<br>RV1CC<br>W4CK<br>W5ZG  |
| <b>2551</b><br>LA5YJ<br>SP3SLA                                      | <b>2539</b><br>RA3S   | <b>2528</b><br>K9JF<br>W6ENZ<br>W8RLS                    | <b>2517</b><br>K2KA<br>W1OX   | <b>2508</b><br>HB9CXZ<br>JF1KMC<br>K7GEX<br>OE8SPW<br>OH6JD                                  | <b>2501</b><br>EA3CJ<br>G0EHO<br>JA1TMG<br>JH1OBS<br>K8OM<br>W2GG<br>W4WT<br>W6JRY   |
| <b>2549</b><br>DL5CF<br>IK8GYS<br>PC3T<br>SK7AX<br>W6QUV            | <b>2538</b><br>DS1JFY<br>JM2RUV<br>SV1LK<br>W2XI            | <b>2527</b><br>IZ4GWE<br>JA6BJV<br>KA8SYV<br>KB1EFS      | <b>2516</b><br>CT1CJJ<br>YV5NWX   | <b>2507</b><br>I0JBL<br>RU6M<br>W6BJH  | <b>2500</b><br>4Z1UF<br>5B4AHJ<br>DL1HRN<br>EA5BRE<br>IT9CVO<br>IZ7FLP<br>IZ8IEV<br>K1ZN<br>K2UR<br>K4MS<br>K6EME<br>KI5BLU<br>N4QV<br>N9BX<br>RA3SS |
| <b>2548</b><br>EA1AF<br>IW2FND<br>OH2ZZ<br>RC9F<br>SP1JRF<br>WA2BCK | <b>2537</b><br>JA2XCR<br>JF2WGN<br>UW8SM<br>WO7R            | <b>2526</b><br>IK2OHG<br>JA1LSP<br>N6VR                  | <b>2515</b><br>K2NV<br>VA3LX<br>W0LS<br>WB8ZRV                                | <b>2506</b><br>DL1SMA<br>JA2HYD<br>K5FUV<br>K8FH<br>N6RW<br>RA1AOB<br>W5ODD<br>W7YAQ<br>WD5K |  |
| <b>2547</b><br>JA0DET<br>YV5JBI                                     | <b>2536</b><br>K0RS   | <b>2525</b><br>I8SAT<br>JG8FWH<br>K2PK<br>UA9FGR         | <b>2514</b><br>AE5E<br>G3TTJ<br>JH0INE<br>R9OK<br>R9SA<br>SV3FUP              |  |  |
| <b>2546</b><br>SP6TRX<br>W7MO<br>WS9V                               | <b>2535</b><br>AD6W<br>EA1CP<br>LA2PA<br>WA6YEE             | <b>2524</b><br>JA1RTX<br>JH1EEB<br>N5AO<br>OH1XT         | <b>2513</b><br>9A2X<br>JE1PNX<br>WT8V   |  |  |
| <b>2545</b><br>EA3BT<br>JA9FAI<br>UY5BC                             | <b>2534</b><br>DL2CHN<br>HL3GOB<br>IV3GOW<br>N8PW<br>SM4AZQ | <b>2523</b><br>G8DX<br>UN7TW                             | <b>2512</b><br>IK8EPC<br>JA5SUD<br>JR2PMT<br>KD0PO<br>RV9CX<br>UA0CA<br>UT7UU |  |  |
| <b>2544</b><br>IZ5EKV<br>LA9VFA                                     | <b>2533</b><br>JA4DEN<br>JH4HMG<br>R9AB                     | <b>2522</b><br>K1HT<br>VK3HJ<br>WO2N                     |   |  |  |
| <b>2543</b><br>K6FW<br>K7ZA   | <b>2532</b><br>K0TT<br>W3RJW                                |  |   |  |  |

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| SQ1X<br>VE3RA<br>W3UA<br>WA4LOX<br>WD4LBR | LU3CQ<br>N1LN  | <b>2470</b><br>SV2DGH<br>WW3S  | N0KV   | <b>2444</b><br>NA5DX<br>S57AT   | <b>2432</b><br>OH2IS<br>ON4CAS  |
| <b>2499</b><br>W1LW                       | <b>2482</b><br>JA7AUM<br>XE2CQ                               | <b>2469</b><br>G4BUE   | <b>2457</b><br>IV3VBM<br>N5KM                      | <b>2443</b><br>G4DJX<br>KS0DX   | <b>2431</b><br>N7BT   |
| <b>2498</b><br>K4JAF<br>K9SM              | <b>2481</b><br>IZ5RVG<br>JA2AH<br>JH1SJM<br>JR6LLN<br>VU2NKS | <b>2468</b><br>DL8ZAW<br>IK5CBE<br>N6DX<br>OZ8SW                       | <b>2456</b><br>JG1WSC<br>N5JB<br>W8DX              | <b>2442</b><br>DL4CW  | <b>2430</b><br>A65BR<br>AF4HX<br>GM3YOR<br>HB9FMN<br>JA9GPG<br>KJ6P<br>KT1J |
| <b>2497</b><br>JA7LMZ<br>RZ3FW<br>S51U    | <b>2480</b><br>N1EN  | <b>2467</b><br>W0GJ  | <b>2455</b><br>K9NR<br>N5MOA<br>N6PF               | <b>2441</b><br>W5IF<br>W8MJ   |   |
| <b>2494</b><br>K2FU<br>W9XT               | <b>2479</b><br>EA1RT<br>K4MK<br>LA3BO<br>W4RFZ               | <b>2466</b><br>CT3FT<br>OH1NX<br>ON5UE<br>SV9COL<br>W7FN               | <b>2454</b><br>LA9VDA<br>N2JJ<br>SM5GMZ<br>W2OO    | <b>2440</b><br>EA5AT<br>JA1JAT<br>K5PS<br>SM5CLE<br>W5PF                              | <b>2429</b><br>JH7BKN   |
| <b>2493</b><br>NW7E<br>W1BR<br>WS6X       | <b>2477</b><br>JJ1SKG<br>SV1VS                               | <b>2465</b><br>N4LR  | <b>2453</b><br>JA8KSF<br>JI4WAO<br>SV1GYG          | <b>2439</b><br>F3AT<br>SP3PLD   | <b>2427</b><br>JH3GCN<br>LA0FA<br>LX2A                                      |
| <b>2492</b><br>JA1FGB<br>JA6TMU<br>WQ3X   | <b>2476</b><br>9A4WY<br>DL6JZ<br>DS5USH                      | <b>2464</b><br>IK2VUC<br>JA1IXY<br>JA1VLK<br>OH8LXT<br>W6SZN<br>WB2REM | <b>2452</b><br>F5LVL                               | <b>2438</b><br>DL9TJ<br>KQ4AV<br>W6TMD  | <b>2426</b><br>EA3GHZ<br>K1KA<br>N4GG                                       |
| <b>2489</b><br>G3OAG<br>N9RD              | <b>2475</b><br>OZ2PBS<br>WA1S<br>ZL3JT                       | <b>2463</b><br>K6KO  | <b>2451</b><br>KA2D<br>UA0BA                       | <b>2437</b><br>W9OA   | <b>2425</b><br>DJ9RR<br>HB9AZZ<br>HL4CJG<br>JA2FBC<br>JE2HCJ<br>ZS6WB       |
| <b>2487</b><br>K5VWW                      | <b>2474</b><br>JA4EPE<br>PY2VA                               | <b>2461</b><br>K3FRK<br>W4SO   | <b>2450</b><br>IK0LNN<br>IK4AUY<br>JF1IRW<br>K8RRT | <b>2436</b><br>SP6A<br>W0AWL  | <b>2424</b><br>W2OIB  |
| <b>2486</b><br>S52RZ<br>W1AIM             | <b>2473</b><br>DF3IS<br>LB2TB                                | <b>2460</b><br>JA8BNP<br>W8LGJ<br>WD9DZV                               | <b>2448</b><br>JA1GHR<br>K3VAT<br>K7GM<br>WA6F     | <b>2435</b><br>K9ZM<br>N3CZ   | <b>2423</b><br>DL2VPO<br>KB1JZU<br>W1EBI                                    |
| <b>2485</b><br>OH2OT                      | <b>2472</b><br>DL1TRK<br>SP7TF<br>SV1IW                      | <b>2459</b><br>K2AZ  | <b>2447</b><br>JA4BXL                              | <b>2434</b><br>CT1DKS<br>HB9BUN<br>JE8TGI<br>N5KO<br>N9CK<br>SM5CZK<br>W9DC<br>WA9CVK | <b>2422</b><br>IZ4MJP<br>WL7E   |
| <b>2484</b><br>JH0BQX<br>SV1QN            | <b>2471</b><br>JA1HRQ  | <b>2458</b><br>HB9RYZ<br>JA1ADN<br>JF3LOP                              | <b>2446</b><br>OH1ZK<br>OK1DWC                     |   | <b>2421</b><br>AA8OY  |
| <b>2483</b><br>K3XA<br>K8BL               |  |  |  |   |   |

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| <b>2420</b><br>CT1APN<br>DF5AU<br>DJ5JH<br>JA7EPO<br>VE6LB   | <b>2407</b><br>JH6PFY<br>ZL1BYZ                                  | DL2FAG<br>IK7EOT<br>K2SX<br>K9FN                  | <b>2385</b><br>DL8LE<br>LA8HGA<br>W2NO            | W2LE  | <b>2359</b><br>F6ECI<br>KM3V<br>OZ1IKY<br>W4DC                   |
| <b>2419</b><br>IK2EGL<br>JA1FNO<br>KF7PG                     | <b>2406</b><br>JE8CLT<br>K1LT<br>K1UU<br>N6HC<br>W2AY            | <b>2397</b><br>IZ5BAM<br>JA1DOF                   | <b>2384</b><br>K7HP<br>K8YSE<br>KQ3F<br>W8UV      | <b>2371</b><br>GM0AXY<br>K8UT                           | <b>2358</b><br>WF4U  |
| <b>2418</b><br>N9ISN   | <b>2405</b><br>IV3KFB<br>K6PJ<br>NE9U                            | <b>2396</b><br>HB9ICC<br>JH1BNC<br>N7TY<br>PA3CSR | <b>2383</b><br>LU8EKC<br>RK3QY                    | <b>2370</b><br>DL2UH<br>IK6QOP<br>OE2GEN                | <b>2357</b><br>UN9L  |
| <b>2417</b><br>JA6BEE  | OE2BZL<br>OH4UI  | <b>2395</b><br>AA7G<br>W2GW<br>WB7B               | <b>2382</b><br>HB9BAT                             | <b>2368</b><br>JP1IOF                                   | <b>2356</b><br>JA3BXF<br>JR5JAX<br>K1KO<br>N1GC<br>N6QQ<br>US0YA |
| <b>2416</b><br>9K2GR<br>IV3HYD<br>OE6VIE<br>RA3DNC<br>SV1ACK | <b>2404</b><br>JA4FHE<br>K1CA<br>K5KV<br>KS3F<br>PY2DS<br>SV9AHZ | <b>2393</b><br>JR4LNG                             | <b>2381</b><br>DJ8ES<br>JL2JVX<br>KJ9C            | <b>2367</b><br>F5PBM<br>HB9DHG<br>HS1NGR<br>OH1JP       | <b>2355</b><br>9K2NO<br>AA8R<br>JA8FHM<br>K8YC<br>N6UK<br>SM3LGO |
| <b>2415</b><br>WQ5W  | <b>2403</b><br>HB9IQB<br>JG3SKK<br>R0FA                          | <b>2392</b><br>N2WB<br>PA7TWO<br>W4HG             | <b>2380</b><br>K1ESE<br>ON4ATW<br>W4UCK<br>YB1UUN | <b>2366</b><br>4Z5AV<br>BA4DW<br>DL9FCY<br>K9FD*        | <b>2354</b><br>K0XB  |
| <b>2414</b><br>I4ENO<br>JA0A00<br>JI1NJC<br>KG6I             | <b>2402</b><br>JK1TCV<br>N9JV<br>W8MET                           | <b>2391</b><br>W7MEM                              | <b>2378</b><br>F5IL                               | <b>2365</b><br>EA3NP<br>PY2MC                           | <b>2351</b><br>WB8K<br>WD0DAN<br>XE2X                            |
| <b>2413</b><br>CT1BWU<br>KA8ZPE                              | <b>2401</b><br>HA7UW<br>N2NS                                     | <b>2390</b><br>JA1TAA<br>K9RS<br>W4MAY            | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>NE3F           | <b>2364</b><br>AA8LL<br>LU4FPZ                          | <b>2350</b><br>DL3OI<br>IK2SGB<br>N6PSE<br>N7DC<br>W9EWZ         |
| <b>2412</b><br>9K2HN<br>I5OYY<br>W1OPD<br>WA0I               | <b>2400</b><br>IZ2FOS<br>JA1ALT<br>KM3T<br>W8WEJ                 | <b>2389</b><br>JA1BPA                             | <b>2375</b><br>YO2CMI<br>ZL4TT                    | <b>2363</b><br>K4ZO<br>N8BJQ<br>RA5BM<br>VE3VHB<br>W7ZJ | <b>2348</b><br>9K2GS<br>DJ5JK<br>DL8SCG<br>K5KPE<br>K7UA         |
| <b>2410</b><br>I0YQV<br>IK4MSV<br>KJ0M<br>N6TA               | <b>2399</b><br>HP2AT<br>N5UL                                     | <b>2388</b><br>G3VPW<br>JA0VSH                    | <b>2374</b><br>I2YDX<br>KA7T<br>RN3RQ             | <b>2362</b><br>IZ8DBJ<br>JA7QFU<br>JE2RDO               | <b>2347</b><br>IZ3ETU<br>PY2IQ                                   |
| <b>2409</b><br>HA5AO   | <b>2398</b><br>AA3B<br>DJ4GJ                                     | <b>2387</b><br>K9YC                               | <b>2373</b><br>JE1DXC<br>K7ZD                     | <b>2360</b><br>N6MZ<br>N8SNM                            |  |
|  |  | <b>2386</b><br>JF1RYU<br>K4YMQ<br>PA7RA<br>W1EQ   |   |   |  |

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| <b>2346</b><br>G3NKC<br>JA9AA  | <b>2336</b><br>EW4M<br>K0VXU<br>W5GAI                     | S52TJ<br>SM5ARL<br>W6RS<br>WF2S  | <b>2315</b><br>N5BO   | <b>2305</b><br>K8CW<br>N0RN<br>NE8P<br>W7AH                 | <b>2294</b><br>N6HY<br>PY2RO<br>RU3ZX          |
| <b>2345</b><br>K7LJ<br>SM4CTI<br>WA2NPD                              | <b>2335</b><br>DF7EE<br>DL5XAT<br>JR8AMF                  | <b>2326</b><br>K4PB  | <b>2314</b><br>AI2N<br>K1ZZI<br>VU2CPL  | <b>2304</b><br>JA8UIV<br>OK5TK<br>WB8CQV                    | <b>2292</b><br>RZ3DW<br>W5VQ                   |
| <b>2344</b><br>EA1AUS<br>JA7PL<br>RZ3DJ                              | <b>2334</b><br>HB9BYQ<br>JA1SKE<br>W0RX<br>W2YE           | <b>2325</b><br>BH4QYX<br>JH8SLS<br>K9GA<br>W3IP  | <b>2313</b><br>JA4VLK<br>JA7BVH<br>JA9GLW<br>K5DHY<br>SP6JIU                  | <b>2303</b><br>HL2CFY<br>JH4ADK<br>K4XR                     | <b>2291</b><br>JH1RGG<br>SP3XR                 |
| <b>2343</b><br>JA8DKJ<br>NA5Q<br>W0TT                                | <b>2333</b><br>HA0HW<br>SM7IUN<br>W0HBH                   | <b>2324</b><br>IK1SOW<br>JA2FSM<br>JL1XMN<br>JR9LKE<br>K0TPP<br>N3UA<br>PZ5RA<br>VE6AX | <b>2312</b><br>JA2KNW<br>JA6CBG   | <b>2302</b><br>I2VGW<br>JA7CVL<br>JG4BLW<br>K4TEA<br>W2WG   | <b>2290</b><br>IZ4AIK<br>JA3FHL<br>W7CA        |
| <b>2342</b><br>IK8JVG<br>SP9WZS                                      | <b>2332</b><br>7K1PTT<br>HA5VZ<br>IW1QN<br>K6UM<br>OZ1LCG | <b>2323</b><br>JH4BTI<br>K0CS  | <b>2311</b><br>K8ME<br>PP1CZ<br>R3ST<br>SM5CRV<br>WC5M                        | <b>2301</b><br>JH0MXV<br>JP1NWZ                             | <b>2289</b><br>AB5EB<br>N9AW<br>XE1MEX         |
| <b>2341</b><br>SM2GCQ<br>VE3EK                                       | <b>2331</b><br>AC0A<br>K0QC<br>K1IT<br>KG9Z<br>WA0RVK     | <b>2322</b><br>JH4BTI<br>K0CS  | <b>2310</b><br>JA5BGA<br>JF1LMB   | <b>2300</b><br>4L1MA<br>IU0HDC<br>JA8NFV<br>OE5BWN<br>W7HPW | <b>2287</b><br>K0VSH<br>K5JC<br>PA0ZH<br>VE3YF |
| <b>2340</b><br>DK7YY<br>K2TWI  | <b>2330</b><br>9A1AD<br>IK2RPE<br>K3TN<br>W0GG            | <b>2321</b><br>JA4ZA   | <b>2309</b><br>HB9BXE<br>HL2IFR   | <b>2299</b><br>I5CRL  | <b>2286</b><br>JA1BOQ                          |
| <b>2339</b><br>IZ8EDJ<br>JF2WXS<br>N5ZC<br>SM3DMP                    | <b>2328</b><br>JA3EOP<br>K1LI<br>N2DPF<br>WA1SXX          | <b>2320</b><br>I8QJU<br>W9BEA  | <b>2308</b><br>IK6OIN<br>IK7FPV<br>IT9RYJ<br>JA7ZP<br>K4CMS<br>N4TJ<br>ZL2IFB | <b>2298</b><br>HL3DE<br>JA3BSL<br>JO4CFV<br>W9OO            | <b>2284</b><br>HK3X<br>JA1PTJ<br>OE2KHM        |
| <b>2338</b><br>FG5FR<br>JE1AEX<br>JH1CHU<br>K8AJS<br>OK1FED          | <b>2319</b><br>K7MTR<br>UA3ECJ<br>W5FI                    | <b>2318</b><br>KK1W<br>S55SL   | <b>2307</b><br>DL6UAA<br>K8DV<br>KD9HL<br>N0RB<br>SP3FAR                      | <b>2297</b><br>HB9BOI<br>LB5WB<br>W3YY                      | <b>2283</b><br>JA4FM                           |
| <b>2337</b><br>JA2BQX<br>JH1LPF<br>K0GD<br>OH3NHF<br>VE3CRG<br>W8JRK | <b>2327</b><br>AB5A<br>HK1MW<br>JA2CEJ<br>LB6KC<br>N2LM   | <b>2317</b><br>JR3UIC<br>K2XF  | <b>2306</b><br>BA4MY  | <b>2296</b><br>SV1FJP                                       | <b>2282</b><br>AB0X<br>IZ8GGF                  |
|  |   | <b>2316</b><br>EA1JO<br>JH1IED<br>K0GY<br>W5GZ   |   | <b>2295</b><br>EW1BA  | <b>2281</b><br>I1NVU                           |
|  |   |  |   |   | <b>2280</b><br>K6YRA                           |
|  |   |  |   |   | <b>2279</b><br>KA1ERL<br>W5SL                  |

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| <b>2278</b><br>JF2ICB<br>JH2IEE<br>K4WNW<br>N9RC<br>W5JAY          | W9JA   | <b>2259</b><br>UA6FJ<br>UT3UZ<br>W3RW                      | JH1XUM  | K7TM   | W5DNT<br>ZL4AS                                     |
| <b>2277</b><br>DL1WM<br>IK1PMR                                     | <b>2268</b><br>K3SEW<br>K9OW                                       | <b>2258</b><br>CT3KN<br>DF2NS<br>JA3XNH<br>K6DT            | <b>2249</b><br>AB5C<br>JH1VUO<br>N2VW<br>WP4EJH                   | <b>2239</b><br>JA0DWY<br>W4ABW                             | <b>2228</b><br>JE1GWO<br>W6UC                      |
| <b>2276</b><br>IK8VRH<br>RU1AB<br>RU3SD<br>VE1JBC                  | <b>2267</b><br>9A5N<br>IZ1GLT<br>WS7L<br>YO9FNP                    | <b>2257</b><br>IK2SND<br>JH4FEB<br>K4NNX<br>K8NKQ<br>LA6UL | <b>2248</b><br>JF0CSK<br>N5DD                                     | <b>2238</b><br>JA0EIY<br>JA1CMD<br>K5FZ                    | <b>2227</b><br>JG5RVQ<br>K2EQ                      |
| <b>2275</b><br>LA4PM   | <b>2266</b><br>OH6NIO  | <b>2256</b><br>JA9IFF<br>KA4RRU                            | <b>2247</b><br>K4HMB<br>W8CZN                                     | <b>2236</b><br>AB0CT<br>JH1APK<br>K2FW<br>S51NM            | <b>2226</b><br>K7BTW<br>NA9RB<br>NT5V<br>VE7BV     |
| <b>2274</b><br>W1SRD   | <b>2265</b><br>4X6ZK<br>AA1AC<br>IK0DWN<br>WS5W                    | <b>2255</b><br>EA7SG<br>HC1BI<br>JH1BAM<br>JN3SAC<br>N4JQQ | <b>2246</b><br>PY7RP<br>W8UN                                      | <b>2235</b><br>I0OSI<br>IK6BSN<br>JH1IAQ<br>K5JZ<br>SV8CKM | <b>2225</b><br>IW1FGY<br>W9HBH<br>XE1RBV           |
| <b>2273</b><br>K0AZ<br>K4RG<br>K8BN<br>N7NG<br>VU2PTT              | <b>2264</b><br>JH3FHQ<br>N4MHQ<br>UR3EO<br>UR5FEO<br>W1OW<br>W5ZPA | <b>2254</b><br>KE9L<br>S57XX<br>W9PZT<br>YL2KF             | <b>2245</b><br>FG8OJ<br>VE1HQ<br>W8OP                             | <b>2234</b><br>JA2JRG<br>KX2A                              | <b>2224</b><br>AB1OC<br>CU3EQ<br>I5MPN<br>KD6UO    |
| <b>2272</b><br>KE1F<br>N4XP  | <b>2263</b><br>JK1BSM<br>W9FI<br>ZS1A                              | <b>2253</b><br>JH1DGQ<br>W1YRC                             | <b>2244</b><br>BA7IO<br>VO1HP                                     | <b>2233</b><br>SM7NDX                                      | <b>2223</b><br>K1NY<br>SM3PZG                      |
| <b>2271</b><br>K9RR<br>W0SZ<br>W8LRO<br>WA3F                       | <b>2262</b><br>HI8R<br>JA4HAW<br>KE6FV<br>OK1DH<br>WA4JQS          | <b>2252</b><br>OZ1LWT<br>RN9N                              | <b>2243</b><br>K0LUZ<br>K8NK<br>NK0S<br>W3MR                      | <b>2232</b><br>9M6YBG<br>W8ZF                              | <b>2222</b><br>IK8UHA<br>IW0HOU<br>JK3GHE<br>UN3GX |
| <b>2270</b><br>EA3XP<br>IZ8FDH<br>JG1OGM<br>KG2KJ<br>UA4AZ<br>W5WT | <b>2261</b><br>F9XL<br>IZ8EEL<br>JR6IKD                            | <b>2251</b><br>N4TV<br>W5ZO                                | <b>2242</b><br>JA3KGF<br>JE2UFF<br>NY2NY                          | <b>2231</b><br>DL4DZL<br>JF2VAX<br>OM2DX<br>R9SG<br>W8IQ   | <b>2221</b><br>HL3AMO<br>JA2DXD<br>K9OT            |
| <b>2269</b><br>EA3AKY<br>JA2IYJ<br>JH0GHZ<br>OH1NDA                | <b>2260</b><br>G3UHU<br>N9UA<br>W5PJR<br>W8IW                      | <b>2250</b><br>DL1SP<br>EA8BYR<br>HI3T<br>IZ2DLV<br>JE2JMV | <b>2241</b><br>JR1WCT<br>N4EFS<br>NA2M<br>NF1G<br>OH1TX<br>UA1ACG | <b>2230</b><br>JH3FUK<br>K9MIE<br>KJ6NZ<br>PA0JSE<br>WT4Q  | <b>2220</b><br>EA9IE<br>OZ7FOC                     |
|  |  |  | <b>2240</b><br>9A2TN<br>JJ1BMB<br>K4MM<br>K6SRZ                   | <b>2229</b><br>K2TK<br>N4JT<br>SM3CBR                      | <b>2219</b><br>DJ5EJ<br>K4VIG<br>KH2L<br>NW4V      |

|   |  |   |  |  |   |
|---|--|---|--|--|---|
| <b>2218</b><br>EU1U<br>JH4CBM<br>W6DR                                 | KI4DLS<br>OZ4VW<br>W9JJB<br>WA1FCN                                     | <b>2199</b><br>WB8B   | W3ABT  | W5RQ   | N7UN<br>SV3AQR  |
| <b>2217</b><br>W0HT   | <b>2207</b><br>I5KG  | <b>2198</b><br>JA1OVD<br>JH4DYP<br>LA6OP<br>W0QQ  | <b>2189</b><br>AI6Z<br>IK1ADH<br>JA8CJY<br>N4AL<br>N8NN                    | <b>2179</b><br>DK0UB<br>IV3YIB<br>JA0PE<br>JF1RPZ<br>LA9GX<br>WA1PMA | <b>2169</b><br>JA3MF<br>SP1DSZ                                  |
| <b>2216</b><br>SV1HEP   | <b>2206</b><br>PA3ABH  | <b>2197</b><br>AC9EM<br>SM5CBM<br>SM5ENX<br>WV4TN   | <b>2188</b><br>KL0S<br>N4ZH<br>RD3A  | <b>2178</b><br>K1GE  | <b>2168</b><br>F5UJK<br>HL2EIZ<br>UT4EK                         |
| <b>2215</b><br>KA2MGE<br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH<br>W9DX | <b>2205</b><br>DL2HYH<br>JA0UH<br>JA8FFM<br>NF4A<br>W3XY               | <b>2196</b><br>W2FV   | <b>2187</b><br>IK4IYC<br>JR1MLU<br>K1NJ<br>RW4CY<br>W8BBQ<br>W8MHW<br>WE1P | <b>2177</b><br>EA4EER<br>KT8Y<br>N3EN<br>N6PE<br>NW6S                | <b>2167</b><br>DL1NKS<br>IK6HRB<br>JA2KVB                       |
| <b>2214</b><br>JA1DM<br>K4FJ<br>RN1ON<br>SM5SWA                       | <b>2204</b><br>AB4SF<br>K6ZZ<br>N4HID<br>WA4CEM                        | <b>2195</b><br>EW1KP<br>IK8BQE<br>JK1AJX<br>JR1NHD<br>K2CBI<br>LY3W<br>W1SSN<br>W6AEA<br>W8KA | <b>2186</b><br>ZS2EZ   | <b>2176</b><br>DJ2SL<br>DS3HWS<br>JA3OOK<br>K4ZIN<br>W5DAW           | <b>2166</b><br>LA2XPA<br>W2RQ                                   |
| <b>2213</b><br>JA8EOT<br>JK1UNZ<br>K1YR<br>N4QWF                      | <b>2203</b><br>G0VXE<br>JA0GCI<br>JA1KPH<br>W8GNM                      | <b>2194</b><br>CT1DOF<br>DF2NU<br>K5PI<br>N2WKS<br>WB3JFS<br>Z31RQ                            | <b>2185</b><br>JA8ZO<br>PY1KN<br>SM7GIB<br>YO3CD                           | <b>2175</b><br>JA4DHN<br>W2CG  | <b>2165</b><br>HL2KV<br>I0MWI<br>JJ1LBJ<br>N4PJ<br>N5ET<br>S54A |
| <b>2212</b><br>N4RF   | <b>2202</b><br>EA3EQT<br>I5MXX<br>JA8JO<br>N1EVK<br>UA0FO<br>W2/CT1GIF | <b>2193</b><br>JA0EKI<br>K2RD   | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC<br>NE6I<br>PA1H                   | <b>2174</b><br>HA5PT<br>K3EA<br>K5TT<br>W2OR                         | <b>2164</b><br>S55ZZ  |
| <b>2211</b><br>E21EIC<br>KR2Q<br>UX5UO<br>W8KL                        | <b>2201</b><br>G3TQZ<br>JA6OXT<br>K6MI<br>RM3DA<br>RU0SN<br>W2TB       | <b>2192</b><br>N3BNA  | <b>2182</b><br>JA0CGJ<br>JH1SOD  | <b>2173</b><br>G0DBE<br>K2AU<br>LU5FF<br>OE2SCM                      | <b>2163</b><br>N2WLG<br>UA1AIR                                  |
| <b>2210</b><br>NF1O   | <b>2200</b><br>CT1AGS<br>W2YR<br>W9YE<br>WE9V                          | <b>2191</b><br>EA6EE<br>EA8TH<br>IK2DZN<br>JJ6DGP   | <b>2181</b><br>IV3TMM<br>W6SL  | <b>2172</b><br>4F2KWT<br>G3KMQ<br>KK0M                               | <b>2162</b><br>RZ0AF<br>S59ZZ<br>W7AV<br>YL2TW                  |
| <b>2209</b><br>DL1SVI<br>N8MR<br>UN7ECA<br>W4BUW<br>W6RFL             |  | <b>2190</b><br>K1EFI<br>N4SC  | <b>2180</b><br>4Z5LX<br>IV3TDM<br>JA8BAR<br>RW3QM<br>UN7FW                 | <b>2171</b><br>UT3UY   | <b>2161</b><br>AA5JF<br>JH1UBK<br>JH1WJR                        |
| <b>2208</b><br>DM5BB<br>IK3SWB  |  |   |  | <b>2170</b><br>JH1VHU  | <b>2160</b><br>G8AJM<br>HS0ZEE<br>I5REA<br>IK1CJO<br>IK4HPU     |

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|---|---|--|--|--|---|
| JF3PNQ<br>JN7DOS<br>K1PL  | <b>2149</b><br>AA4FL<br>IZ0NRG<br>JA5NPV<br>RW9QA                           | <b>2140</b><br>CT4GO<br>IW0GBU   | <b>2130</b><br>EA8AXT<br>IK0OPS<br>K0DEW<br>W6YOO          | <b>2121</b><br>A65CA<br>IK2ILH<br>K3SX<br>KD4S<br>W8JV                                 | SM7BHH<br>W4SK  |
| <b>2159</b><br>4O3A<br>DH2PC<br>N1RJ<br>VK3NX                                       | <b>2148</b><br>CT1GPQ<br>DL7UPN<br>JA3LDH                                   | <b>2139</b><br>JF0JYR<br>K2BLA<br>K8BZ                                     | <b>2129</b><br>HB9G<br>JH1BSJ<br>N2AJ<br>WB6EWM<br>XE1H    | <b>2120</b><br>JA1WTI<br>SP8FB<br>W1WC<br>W6RKC  | <b>2113</b><br>JA1OVF   |
| <b>2158</b><br>K4RO<br>SM4OLL   | K4YYL<br>K5GH   | <b>2138</b><br>KV1J<br>N6KZ  |  |  | <b>2112</b><br>AE0P<br>DK9HN<br>UN2E  |
| <b>2157</b><br>K0KG<br>W6CYX  | <b>2147</b><br>JH8SIT<br>N3QE   | <b>2137</b><br>K0DD<br>K1SM<br>NZ3O  | <b>2128</b><br>KE9I<br>RW4PU<br>UN6P                       | <b>2119</b><br>JA7XBG<br>JA8LRG<br>W2KA<br>WB3LHD<br>W18R<br>YO3FRI                    | <b>2111</b><br>JA4FJL<br>JH0MHR<br>K3PP<br>SM4DDS   |
| <b>2156</b><br>N5PHT<br>TA1CM   | <b>2146</b><br>9A5TW<br>EA5RD<br>EA8MT                                      | <b>2136</b><br>G3IFB<br>IW3GJF<br>IZ7AUH<br>JN1NBU<br>K7LV<br>N1IX<br>N7WS | <b>2127</b><br>HB9AAL<br>JH1ACA<br>N2SQW<br>OZ5HP<br>W9VNE |  | <b>2110</b><br>9A9CW<br>F2NH<br>HB9CRV<br>JA1WWO<br>JA8XQI<br>JJ2WOC<br>N6PM<br>NA5Z<br>RA1OD |
| <b>2155</b><br>WA5LFD   | <b>2145</b><br>DF5WA<br>EC1A<br>RQ3A<br>RU6FZ                               |  | <b>2126</b><br>IK7YZG<br>K7ACZ                             | <b>2118</b><br>JR6SVM<br>OM5FM<br>R3QW   |   |
| <b>2154</b><br>JG3FEA<br>SP3V   |   | <b>2135</b><br>JA6GPR<br>JA7BEW<br>K4KAY<br>KR6C                           |  | <b>2117</b><br>ER5DX<br>G0FUV<br>OM8FR<br>W0CP   |   |
| <b>2153</b><br>EA3GHQ<br>JE2VLG<br>JH0RVY<br>K2BA<br>OH2BF<br>S50R<br>W4JS<br>WW2DX | <b>2144</b><br>DK2OY<br>G3UAS<br>LU6ETB<br>N4UOZ<br>W4IS                    |  | <b>2125</b><br>IV3XNF<br>JH3SIF<br>K2AX                    |  | <b>2109</b><br>CT1BWW<br>HB9MEJ<br>JA2QXP   |
| <b>2152</b><br>UA3O<br>W6IGK  | <b>2143</b><br>JA1CZI<br>JA3VPA<br>JF3SUL<br>JH2SON<br>K4NA<br>W3FI<br>W9RC | <b>2134</b><br>JE1VTZ<br>WB5TUF  | <b>2124</b><br>CU3AA<br>JA0LXP<br>OE7FMH<br>OZ5NJ<br>W4GIW | <b>2116</b><br>F6DBX<br>JA3QOS<br>JE8LWZ<br>K3OX<br>KF2DT<br>SM7HCW<br>W5WTX<br>WB2GAI | <b>2108</b><br>JA1AML<br>JA1EMQ<br>JA3NHL<br>JA3WLN<br>JA7HRM<br>KW4V                         |
| <b>2151</b><br>N7IP<br>SP1MWK<br>WA8MCD   | <b>2142</b><br>CT3DL<br>K8KWT   | <b>2133</b><br>AJ4A<br>JH2XQY<br>RA3LO                                     | <b>2123</b><br>JR7GBL<br>KZ8Y<br>VK3BDX                    |  | <b>2107</b><br>EA3DW<br>G4DJJ<br>K3PU   |
| <b>2150</b><br>KU4XO<br>N4UFO<br>SM5FWW<br>YB0COU                                   | <b>2141</b><br>DL2AYK<br>DL9RCF<br>N1RK<br>N6IE                             | <b>2132</b><br>HB9EFK<br>JA1MZL<br>JR1UFN<br>K7UT<br>W3TN                  | <b>2122</b><br>K1ZE<br>KX4TT<br>LA5SJA<br>OH5LLR           | <b>2115</b><br>DL3KZA<br>EA1KY<br>IK2ANI   | <b>2106</b><br>JE3GUG<br>VE2BR  |
|   |   | <b>2131</b><br>K1RV<br>RN3CT<br>W7QDM                                      |  | <b>2114</b><br>HI3Y<br>IZ5NFD<br>JA2VHO<br>JH1DGJ<br>KA2NDX                            | <b>2105</b><br>DS5ACV<br>DS5TOS   |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| JF4EQJ      | K1UI        | <b>2082</b> | RX3APM      | <b>2063</b> | <b>2053</b> |
| <b>2104</b> | KE4UW       | JM1GHT      | W9MJ        | W7HR        | EA3HRE      |
| DM5GG       | ON4RU       | N7DED       | <b>2072</b> | <b>2062</b> | JA8IUB      |
| JA3KNN      | <b>2094</b> | OH7TV       | K4JC        | DH0GSU      | <b>2052</b> |
| <b>2103</b> | IK2CHZ      | SV1CQN      | R9SC        | K9SG        | K5TA        |
| JK1ODA      | SV1FJF      | YO3ND       | SM4BZH      | N6PEQ       | OM7CA       |
| K2HAT       | <b>2093</b> | <b>2081</b> | W0JM        | W2YK        | RA3TT       |
| WA9YYY      | VE3ZZ       | NA4EA       | W3BG        | <b>2061</b> | UN7G        |
| <b>2102</b> | W7YA        | <b>2080</b> | <b>2071</b> | AA4NC       | <b>2051</b> |
| AG1A        | <b>2092</b> | JH1ORA      | KF6HI       | W1AO        | JA2MNB      |
| CT1FUH      | N5AQ        | KC6X        | PA0INA      | <b>2060</b> | JA8OW       |
| DM2RM       | R1MA        | N0AH        | W3GG        | 7M4AOE      | KJ7TEA      |
| <b>2101</b> | ZL2AL       | ND4X        | <b>2070</b> | CS8ABF      | LA7XK       |
| EA6AJ       | <b>2091</b> | W5LE        | AA4M        | F6HLC       | WV6E        |
| HB9JOE      | EB3CW       | W5QM        | KK2M        | JF1LZQ      | <b>2050</b> |
| JH7DFZ      | G4XRV       | <b>2079</b> | N0ABA       | JR1IZM      | AC9S        |
| K1DC        | W1TO        | JA1GVM      | ND5S        | PA0TCA      | JM1HJG      |
| K7KB        | W2ZI        | K8AV        | <b>2069</b> | <b>2059</b> | K4JLD       |
| K8KS        | W4RDX       | KN4KL       | KJ7M        | DL6LIM      | W8JH        |
| KM6HB       | <b>2090</b> | N1IW        | <b>2068</b> | JL3LSF      | WB8FSV      |
| WA3OFR      | JH0NEC      | N5TJ        | K2SN        | N0IJ        | <b>2049</b> |
| <b>2100</b> | <b>2089</b> | PA0GMM      | KK4OK       | WD8PKF      | JH2PWY      |
| N4IQ        | IK0XEZ      | VE3JV       | N4NW        | <b>2058</b> | <b>2048</b> |
| VE3NI       | SM0MPV      | <b>2078</b> | R3LA        | IK2PZC      | EA3EQS      |
| <b>2099</b> | <b>2088</b> | K9DR        | <b>2067</b> | JA1FJJ      | I5JFG       |
| EA8RR       | WA2USA      | N3KN        | JA1NCZ      | W1ZK        | JL1OXH      |
| <b>2098</b> | <b>2087</b> | N8EHW       | JH8GEU      | <b>2057</b> | K8NS        |
| EI8IU       | JA1CJO      | YO2DFA      | NK4L        | K5DC        | NT2A        |
| KI1U        | JF2DND      | <b>2077</b> | <b>2066</b> | OH3NDH      | SP5ES       |
| <b>2097</b> | KF0LA       | XE1J        | DL4LAM      | PY2FN       | <b>2047</b> |
| IZ5MOQ      | <b>2086</b> | <b>2076</b> | E70T        | W0TM        | IZ0BVU      |
| SV1MO       | KS4S        | OZ0J        | W6KK        | <b>2056</b> | JL2PQV      |
| <b>2096</b> | <b>2085</b> | <b>2075</b> | <b>2065</b> | RN3D        | JP7EIP      |
| F5NBX       | DL5XL       | JA8DSO      | G3LUW       | <b>2055</b> | K2AJY       |
| HA1DAE      | PA3GCV      | KI4GE       | JL1ARF      | F5BOY       | K9OR        |
| JA1QWT      | UR5WCW      | RA3FH       | K4ST        | JA1DDZ      | WQ6Q        |
| JA1XPQ      | <b>2083</b> | <b>2074</b> | <b>2064</b> | JA1UII      | <b>2046</b> |
| KB2FCV      | JA1JPM      | DL8PG       | DL3BRE      | JH6EJG      | AB4I        |
| VE3UZ       | JL1OEC      | IU8FRE      | EA3NY       | PY2WC       | EC1AIJ      |
| W2JLK       | UR5ECW      | <b>2073</b> | JH9DRL      | <b>2054</b> | F5INJ       |
| W5WP        | <b>2095</b> | DJ0MCH      | N4JR        | DS4AOW      | <b>2045</b> |
| <b>2095</b> | JA4FCV      | K9RT        | N4OA        | OH3OJ       | K1FEV       |
|             |             | ND4V        | W8FIB       |             | RK2FWA      |
|             |             | PY2GM       |             |             | W2PP        |



|  |   |   |   |   |  |
|--|---|---|---|---|--|
| <b>2044</b><br>K3STX<br>UN7JID<br>W5RF   | JA3MHA<br>K2EK<br>W7IU<br>W8LMG<br>WE4S   | <b>2028</b><br>DJ0UT<br>KD2T<br>NA2AA<br>SM5AOG                             | J16IHG<br>K1JIU<br>SM5BMB<br>W1ITU<br>WC3W                          | W3BJ<br>WB3D  | KE3D<br>KH6M<br>UA4PCM<br>WB4YDL<br>YO7NE  |
| <b>2043</b><br>IK0UTM<br>JA0KJD<br>JH6WDG<br>K2UFM<br>K6MKF<br>K9TF<br>NA9A<br>W4ZYT   | <b>2036</b><br>BG2QMO<br>NU1O<br>WA3I   | <b>2027</b><br>F5OVQ<br>JP1TRJ<br>NI3P<br>W6DE                              | <b>2018</b><br>K0EEO<br>ON7TK<br>SA0AQT<br>W3ICM                    | <b>2009</b><br>9A4SS<br>AA0MZ<br>JA0RCK<br>JH1FSB<br>K2RU<br>R3DG<br>SP5APW | <b>2002</b><br>HB9DVZ<br>JA6IVR<br>JF2OZH<br>K5FNQ<br>KD8RQE<br>KK9H<br>N4CQ<br>NJ3K<br>SV3FUO<br>VE4EAR   |
| <b>2042</b><br>IK5BOH/2<br>K1RI<br>KA6BIM<br>NE0U<br>US1CT                             | <b>2035</b><br>AA4VV<br>JA7KE<br>K9JU<br>KE8KMX<br>KM1C<br>N9SF<br>WB0O<br>YB2DX      | <b>2026</b><br>9A5F<br>JA1PCM<br>K1TZQ<br>RT5A<br>XE2D                      | <b>2016</b><br>JA0LFV<br>K4KGG<br>RU9UC<br>W1OP                     | <b>2008</b><br>K4EA<br>KU5B<br>LZ2XF<br>N4QWZ<br>ZS1J                       | <b>2001</b><br>BH4IGO<br>DL6OCM<br>JE4NAN<br>K4YJ<br>K6KZM<br>N9TF<br>N9XX<br>NU1B<br>VR2XMT<br>W0YVA<br>WV9L<br>YO4DW   |
| <b>2041</b><br>AB4UF<br>IK0OER<br>IT9GSF<br>JN3TRK<br>SP6AXW<br>SV9GPV<br>W4GE<br>W7SX | <b>2034</b><br>AA3LX<br>K3VN  | <b>2025</b><br>EA5OX<br>JH6DUL<br>JL2KEQ<br>NO4J<br>S52D<br>WD8ANZ          | <b>2015</b><br>DK3GG<br>IU0LFQ<br>K9MMS<br>NH6T/W4<br>RK7T<br>YB1AR | <b>2007</b><br>7M2PDT<br>DK3UA<br>JH1EDD<br>K3WWT<br>KV1E<br>N6OJ<br>VA3MO  |  |
| <b>2040</b><br>K1DJ<br>LA7WCA<br>N7QT<br>W8MK  | <b>2033</b><br>N3VA<br>V51B   | <b>2024</b><br>HB9FMT<br>K5CD<br>N1JP<br>RT0F<br>W5THT                      | <b>2014</b><br>EA8DIB<br>IZ1DFG<br>K2AT<br>N7TT                     | <b>2006</b><br>DG7RO<br>DM3AZ<br>F5VHQ<br>GW3SFC<br>JA3EJG<br>KB4MRX        | <b>2000</b><br>AD8RL<br>CT2FEY<br>DK8MM<br>DL2RUM<br>DL2SWN<br>I1WXY<br>IK8GJR<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JH1ERJ<br>JL1CNY<br>JQ1TIV<br>K8YYY<br>KS4YT<br>KV4T<br>LA1K<br>NG7M<br>OE3HWC |
| <b>2039</b><br>DK9CG<br>UN3G<br>VE3KI<br>W7IB  | <b>2032</b><br>HB9DOT<br>IK2RZP<br>IK5PWN<br>JA1AFR<br>KI6CG<br>LZ2HN<br>W7NN<br>W7VY | <b>2023</b><br>JR1EYB<br>KB6CIO   | <b>2013</b><br>G0MTN<br>JT1BV<br>N7ZO<br>NP4G<br>RA3QUA<br>SQ7NSN   | <b>2005</b><br>DK5RL<br>JH1NYN<br>SM6CKU<br>WA6JA<br>WC2K                   |  |
| <b>2038</b><br>AF5CC<br>HB9KNY<br>JH3GFA<br>K9WX<br>WA5IPS                             | <b>2031</b><br>K5NZ<br>W7IV   | <b>2022</b><br>JA0KJE<br>JR3REX<br>K3BR<br>OR7K<br>SV2HXX<br>UA3FF<br>W3FOX | <b>2012</b><br>JE0VJV<br>VE3MV                                      | <b>2004</b><br>DM1TT<br>EA1DLU<br>RA3ANL<br>SP3QYQ                          |  |
| <b>2037</b><br>DK2CC   | <b>2030</b><br>K6IPM<br>N3JT<br>N6PAT<br>UA6AUA                                       | <b>2021</b><br>JH4RUF<br>M0CSD  | <b>2011</b><br>4Z5SG  | <b>2003</b><br>F1RAF<br>GU0SUP<br>IU8HEP                                    |  |
|  | <b>2029</b><br>N4IG   | <b>2019</b><br>JA2MOG   | <b>2010</b><br>HL4GAV<br>JH7CUO<br>K2BB<br>K6BV<br>RA3BL            |   |  |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| R5QA        | <b>1988</b> | <b>1978</b> | KB9VF       | <b>1956</b> | <b>1946</b> |
| RD4A        | AH0U        | IZ8EJB      | KD5QHV      | AA6RR       | G3SBP       |
| SQ5NRY      | JA4IXI      | N1QY        | N6NO        | JF6XQJ      | JH0OXS      |
| VK4CAG      | OM3IM       | NY9H        | N7WO        | SP5MXZ      | K5WBM       |
| W0IZ        |             |             |             | SV8BHN      |             |
| W3BNN       | <b>1987</b> | <b>1977</b> | <b>1964</b> | WA1YTW      | <b>1945</b> |
| W4KA        | JM1SZY      | WA0ROI      | DJ7ZG       |             | DJ8NT       |
| W5VX        | TZ4AM       |             | EI3IO       | <b>1955</b> | <b>1944</b> |
| W8LKG       | W5GA        | <b>1976</b> | JA0CIU      | K3FM        | IT9ODQ      |
| W8QZA/QRP   | WC4H        | DL5OCE      | N9ZI        | SP6Eiy      | N4HN        |
| W9ZCL       |             | JJ2RCJ      |             | W1CSM       | NE8Z        |
| WV8DX       | <b>1986</b> | KY6R        | <b>1963</b> |             |             |
| YB2TX       | F1ICS       |             | HB9DQV      | <b>1954</b> |             |
|             | K1ACL       | <b>1975</b> | I8DVJ       | DM2TO       | <b>1943</b> |
| <b>1999</b> | KZ5DX       | JO1LVZ      | JA1BNW      | G4FKA       | W8TE        |
| IK0CHU      | N1UK        | K5QX        | JG3Rwx      | IS0AFM      |             |
| LA9OI       | SV1FKZ      |             | W6AER       | K8VC        | <b>1942</b> |
|             | W0SR        | <b>1974</b> | W9SN        |             | CU3EJ       |
| <b>1998</b> |             | GM4FDM      | WB8ART      | <b>1953</b> | G4NXG       |
| AC4TO       | <b>1985</b> | K8FC        |             | K2BX        | JA4EVN      |
| HA5BSW      | HB9CIC      | SV8DOU      | <b>1962</b> | K4WZ        | UA4SKW      |
| K6NR        | K6MM        |             | CU3AN       | N3KV        | W2CVW       |
| KN6KI       |             | <b>1973</b> | HA5CW       | W9IL        |             |
| RX4HW       | <b>1984</b> | DL2NOM      |             |             | <b>1941</b> |
| W4RBO       | 6K5YIA      | JA4XH       | <b>1961</b> | <b>1952</b> | ND8L        |
|             | DJ9WH       | WS1L        | DK1WU       | K3NQ        | ON4ANN      |
| <b>1997</b> | JE1HRC      |             | EA7QW       | W2NK        | W5LO        |
| AF2C        | J11CQA      | <b>1972</b> | K5RJ        |             |             |
| GI4DOH      | JR7MAZ      | DL3JPN      | K9ALP       | <b>1951</b> | <b>1940</b> |
| JA1QXC      | N2FF        |             | OE3KLU      | DF1ZN       | DL7UVO      |
| NA2U        |             | <b>1971</b> |             | IZ0BTV      | K4WES       |
| W2NRA       | <b>1983</b> | DF9PG       | <b>1960</b> | NA9Q        | N9YB        |
|             | DF2PI       | K2SY        | JA1CFZ      |             |             |
| <b>1996</b> |             | KB9DAK      | JH1OGT      | <b>1950</b> | <b>1939</b> |
| OH1NPW      | <b>1982</b> |             |             | JA2FCZ      | AC6DX       |
| WC6DX       | DL1RWN      | <b>1970</b> | <b>1959</b> | K4OY        | JH8NBJ      |
|             | JA1SGU      | J11WLL      | JR6CSY      | N1ZZ        | N2NW        |
| <b>1995</b> | W3ACO       |             | K9JN        | N5UW        | SM0BYD      |
| IK1IYU      |             | <b>1968</b> | SM0DSF      | WA4DOU      | UA9CGL      |
|             | <b>1981</b> | JR1VAY      | SM5CAK      |             |             |
| <b>1994</b> | G4XEE       | K6TAR       |             | <b>1949</b> | <b>1938</b> |
| PA3GRM      |             | OZ4AAL      | <b>1958</b> | JA1XRA      | KE1VT       |
|             | <b>1980</b> | PY5IP       | KE8UM       | W4DAO       | NA2P        |
| <b>1993</b> | G3LDI       |             | N0ODK       |             |             |
| K5SM        | IZ4DIW      | <b>1967</b> | N5TW        | <b>1948</b> | <b>1937</b> |
|             |             | AA9RR       | SP6AEG      | N4TOL       | JH1MFN      |
| <b>1991</b> | <b>1979</b> | JM1TWR      | W5DM        | YV5OIE      | K1RH        |
| HA5GN       | AA9GR       | NS4P        |             |             | K4MF        |
| IZ2EWR      | I8LWL       |             | <b>1957</b> | <b>1947</b> |             |
| K2QPN       | JA1IAZ      | <b>1965</b> | IT9RTA      | DL6XK       | <b>1935</b> |
|             | SV2DCD      | IU8FRF      | N2RJ        | DS5DNO      | JA1DOT      |
| <b>1990</b> |             | JA3HBC      | NY3C        | N4ENE       | N1KC        |
| N6MB        |             | KA1J        | VK5GR       |             |             |

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|---|--|--|---|---|--|
| <b>1934</b><br>DK4TP<br>I2AOX<br>JL3MCM<br>NA6L                     | N9PGG<br>W1NA  | JA2ITK<br>K4WM   | N3NR<br>NQ3A  | <b>1893</b><br>K4JKB<br>WD8NVN                    | NU4Y   |
| <b>1933</b><br>CU3AK<br>JH8UQJ<br>KK4OW<br>W8FN<br>WN6K             | <b>1923</b><br>IZ1JMN<br>KF9UG                             | <b>1911</b><br>JE1BMJ<br>JH1RFM<br>JH7IMX<br>UT7KF   | <b>1902</b><br>AK5Q<br>IK6GRT<br>IU2ANW<br>JA4KDT<br>JQ1ALQ                       | <b>1892</b><br>CT2IUK<br>K8QKY                    | <b>1881</b><br>JG3WCZ<br>JP1LRT  |
| <b>1932</b><br>JA4QAD<br>K9GWH                                      | <b>1922</b><br>DL4RCK<br>HB9AWS<br>JE2PCY<br>LY3UM<br>N9KW | <b>1910</b><br>NC4RB   | <b>1901</b><br>F5JSD<br>JP1HDK  | <b>1891</b><br>K6XN<br>LA9TY<br>WW5G              | <b>1880</b><br>JA0EVI<br>VE7TK<br>W2CDO<br>WB2KSK<br>WX0B                    |
| <b>1931</b><br>JF1IXE<br>WA9GON                                     | <b>1921</b><br>JA2KSP                                      | <b>1909</b><br>EA1KP<br>K9SE<br>W7WZ   | <b>1900</b><br>FG4NO<br>JA7BSD<br>JH2VVH<br>KU8X<br>N6ZN<br>PT7ZT<br>W1AW<br>W5KI | <b>1890</b><br>N4PYI<br>W8QID                     | <b>1879</b><br>DL3LBM<br>RD9M  |
| <b>1930</b><br>IK8CNT   | <b>1920</b><br>JJ2KDZ<br>K9AW                              | <b>1908</b><br>I1YDT<br>JE6HGL<br>K5YCM<br>KD4W<br>KL7HBK<br>SP5TT                               | <b>1899</b><br>KW4MM<br>WB2BIN  | <b>1889</b><br>N2ZZ                               | <b>1878</b><br>K3NF<br>K5AB<br>K5KG<br>K9AU<br>K9UQN<br>RA4WE                |
| <b>1929</b><br>JA1OND<br>JA7FWR<br>JG6NGS<br>RL3AA                  | <b>1919</b><br>JA3MVI<br>NR9J<br>W0FS                      | <b>1907</b><br>DL4NBE<br>DL5MHQ  | <b>1898</b><br>DL8OH<br>UN1L  | <b>1888</b><br>IV3ARJ<br>MM0BQN<br>W4YCH          | <b>1887</b><br>DF6TC<br>K9DT<br>KM3J   |
| <b>1928</b><br>K6MW<br>N5WA<br>N6RK<br>W5KK                         | <b>1918</b><br>N6NU  | <b>1906</b><br>GW4BKG<br>HB9IIO<br>IK7WPC<br>JA1HOM<br>K1BZ<br>KI4WCQ<br>KQ4EE<br>N3KS<br>OE1SZW | <b>1897</b><br>G3XLF<br>JR0QFA  | <b>1887</b><br>DF6TC<br>K9DT<br>KM3J              | <b>1877</b><br>VE3YV<br>WV2I<br>YO3JF  |
| <b>1927</b><br>EW1P<br>JE1OHL<br>S58J                               | <b>1917</b><br>7J1ADJ<br>DJ3AS<br>HL5BMX                   | <b>1905</b><br>JA6JEW<br>SM1TDE  | <b>1896</b><br>JA2EWE<br>JA4CZM<br>K2TER<br>WB5AAA<br>YO2KHK                      | <b>1886</b><br>JF1WLK<br>KF7F<br>ND3L<br>WB2WPM   | <b>1876</b><br>AA4AK<br>WO2X   |
| <b>1926</b><br>IK2DUW<br>JM1VRW<br>RD3BD<br>UA3FX<br>W3SB<br>WA6SCW | <b>1916</b><br>AD5MN<br>IV3AZZ<br>W8HMK                    | <b>1904</b><br>DF2UA<br>DL1DAW<br>K5TN<br>K8EAB<br>YO4AUL  | <b>1895</b><br>W0PSY<br>W5JMW   | <b>1885</b><br>DK6OR                              | <b>1875</b><br>IZ8AJU<br>K0LB  |
| <b>1925</b><br>DM2HK<br>HB9TOC<br>JA0NZR                            | <b>1915</b><br>W2WC  | <b>1903</b><br>KZ1W  | <b>1894</b><br>JA0AXV<br>K5OA<br>W4HZ   | <b>1884</b><br>HB9FBG<br>IZ8EEI<br>KZ9DX          | <b>1874</b><br>DF3EC<br>JA7VEI<br>K6IPV<br>LB2HG<br>RK9UN<br>W1SLF<br>WB6JJJ |
|   | <b>1914</b><br>VR2CH<br>W5GO                               |  |   | <b>1883</b><br>IW0BYL<br>W2PA                     | <b>1873</b><br>WA4VA   |
|   | <b>1913</b><br>DL9IU<br>IV3IXN<br>N9JR                     |  |   | <b>1882</b><br>DL6KO<br>EA2AFV<br>EA5RU<br>JS6TWW | <b>1872</b><br>AC4VM<br>I0GOD  |
|   | <b>1912</b><br>DL2RTL                                      |  |   |   |  |

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|--|--|--|---|--|--|
| JG1DUZ<br>SM6CLU<br>WY1G   | K3PT<br>N4GU<br>SK3BG<br>SP6IEQ<br>W0FK              | <b>1854</b><br>5B4XF<br>W1EG<br>WA5POK                               | <b>1842</b><br>HB9DQL<br>NE9Z<br>VA7ZT                            | <b>1832</b><br>JA1XEL<br>JF7ELG  | <b>1822</b><br>HL2VA<br>HL2ZN<br>WB0TVY                  |
| <b>1871</b><br>JH7QLR<br>K4EU<br>K4JWA<br>NU4E<br>W9VG                               | <b>1864</b><br>MU0FAL<br>WQ5R                        | <b>1853</b><br>EI2HY<br>N7MQ<br>W2RIJ                                | <b>1841</b><br>AB2E<br>W0DD<br>WB2AQC                             | <b>1831</b><br>SM3PHM<br>VK3FM   | <b>1821</b><br>K3GT<br>YV5LI                             |
| <b>1870</b><br>DF1KG<br>I8OCA<br>N6QI<br>NV4B<br>SM5FQQ                              | <b>1863</b><br>JA1PAH<br>WO9S                        | <b>1852</b><br>W0QC  | <b>1840</b><br>EI6IZ<br>K2MP<br>N8AYY<br>W0KCJ<br>W5UE            | <b>1830</b><br>DL8FBD<br>JJ1QUV<br>K0OK  | <b>1820</b><br>DL1TS<br>JA3EY<br>K8ZM<br>W1DYJ           |
| <b>1869</b><br>AA4DD<br>JA0MRW<br>JH0EQN<br>JJ1TKN<br>N2ZA<br>RU1AO<br>W4PNY<br>WK7E | <b>1862</b><br>DJ5IO<br>JA1GUC<br>K2CIB<br>W1KDA     | <b>1851</b><br>JA1UTZ<br>JA7GYP<br>N6GP<br>WA4QMQ                    | <b>1839</b><br>DJ8OG<br>JI3BFC                                    | <b>1829</b><br>KD1F  | <b>1819</b><br>K5UZ<br>W1UK<br>WB0N                      |
| <b>1868</b><br>JA8AZN<br>N6AX<br>SV1OZ<br>UA1ORK                                     | <b>1861</b><br>JK1VXE<br>N1AC<br>WC4X                | <b>1850</b><br>DL4FAP<br>I0LYO<br>IT9AAI<br>JA2KTP<br>JA7JPZ<br>N3XM | <b>1838</b><br>DJ1TO<br>EI7CC                                     | <b>1827</b><br>HB9DDM<br>JG1SWM<br>N1IA<br>N7GR<br>UA9FFV                      | <b>1818</b><br>7K1CPT<br>K0THN<br>K3AJ<br>YO9BXE         |
| <b>1867</b><br>JH8KFE<br>N3ND<br>RA4P<br>RO1B  | <b>1860</b><br>DL5KUA<br>SP7ICE                      | <b>1849</b><br>IZ8MBW<br>ZS6NJ                                       | <b>1837</b><br>CX2CC<br>EI2JD<br>LY9Y<br>SP3AU                    | <b>1826</b><br>JA4SSM<br>K5OT<br>NJ7G<br>YO3DDZ                                | <b>1817</b><br>N1API<br>WA4BIM                           |
| <b>1866</b><br>HB9MFM<br>JA4HWX<br>K1JB<br>K1JD<br>K9CS<br>RA0BA<br>RT3M             | <b>1859</b><br>IK5FKE<br>JR3XUH                      | <b>1847</b><br>AJ8MH<br>VE1OP<br>W1WLW<br>W3TI<br>WB4QOC             | <b>1836</b><br>G3YQA<br>K0SD<br>N3OC                              | <b>1825</b><br>N2KI<br>N5FF<br>W1LE  | <b>1816</b><br>4X1VE<br>G3WW<br>K0MD<br>OK4YL<br>S52FW   |
| <b>1865</b><br>AK5X<br>DM2FX<br>JG1HVC   | <b>1858</b><br>EU1M<br>I4JBJ<br>N5QS<br>NL7S<br>SP3F | <b>1846</b><br>JA2XW   | <b>1835</b><br>AA4LR<br>IT9BLB<br>JA6HQT<br>K7GS<br>PY2GG<br>W0ZD | <b>1824</b><br>DL1HBT<br>DL7APK<br>IK0EFR<br>JE7ETY<br>JJ1KZZ<br>W4DEE<br>W8OM | <b>1815</b><br>IW0BCF<br>K2IXQ<br>W1PX<br>W3KB<br>WD4OIN |
|  | <b>1857</b><br>AA4U<br>EA5B<br>PA0JNH                | <b>1845</b><br>WY6N  | <b>1834</b><br>AG5W<br>N6MXU<br>W6WF                              |  | <b>1814</b><br>4X4MF<br>AA9LC                            |
|  | <b>1856</b><br>AA6PW                                 | <b>1844</b><br>K5IB<br>N8SHZ   |   |  |  |
|  | <b>1855</b><br>I4JEE<br>JT1CO<br>K4XU<br>K5CWR       | <b>1843</b><br>KK4CB<br>N1MD   | <b>1833</b><br>K5ZQ<br>LU8ADX<br>W8CD                             | <b>1823</b><br>DL5NO<br>JA7QVK<br>LZ2ZG<br>NI5F<br>SQ9OH                       | <b>1813</b><br>JI1LAT<br>VK6LC<br>WB4VAM<br>WC7Q         |

|  |   |   |   |  |   |
|--|---|---|---|--|---|
| <b>1812</b><br>JA2OLJ<br>K3MSB<br>W7CD                     | OE5TXF<br>WK8A  | JH4RLY<br>JR6GIM  | <b>1783</b><br>IZ0CBB<br>K4AV<br>K4SX<br>KV4AA<br>R9MJ<br>WB8BZK                              | <b>1775</b><br>BA4TB<br>I8YAV<br>N3MK<br>WA2UBK                            | <b>1765</b><br>K7XC<br>SP5LKJ<br>UR4QFP   |
| <b>1811</b><br>HB9IJC<br>IZ3BJK<br>JH1FVE<br>N8NA<br>OH2RI | <b>1801</b><br>IK0WRB<br>N5PR<br>NK7C                               | <b>1791</b><br>W3DM   |   | <b>1773</b><br>AJ7G<br>JH1XEF<br>K4WY<br>OZ7DN<br>PY2SEX                   | <b>1764</b><br>DS5RNM<br>HB9ZS<br>UR4IOR<br>UW7UA<br>VA7RY                                  |
| <b>1810</b><br>DL1DWT<br>NM5Z<br>NU7J<br>VA7CRZ            | <b>1800</b><br>K3GGN<br>VE3YXO<br>W2DXE<br>W8NGA                    | <b>1790</b><br>IZ0GYP<br>JI3CJP<br>SV8RX<br>W9CSX<br>XE1FAS                         | <b>1782</b><br>DG5LAC<br>I4JED<br>JJ1PFC<br>SM0XBI  |  | <b>1763</b><br>IK4THK<br>W9ZJ   |
| <b>1809</b><br>K1XV<br>NX8Y                                | <b>1799</b><br>JE1IBI<br>JR0PJR<br>W9MO                             | <b>1789</b><br>IK2ZJN   | <b>1781</b><br>DL1FKA<br>IZ0CKJ<br>JP7FSO<br>K1DW<br>W6TK                                     | <b>1772</b><br>4X1SK<br>K9PG<br>KB1HY<br>N4TD<br>UW2ZO<br>WA0SXV<br>WB4GLI | <b>1762</b><br>AB4GE<br>JH2AJY<br>K4GO<br>K6ZP<br>KF2T<br>N9MR<br>S53MJ<br>SP5JXK<br>TI5CDA |
| <b>1808</b><br>JH9AUB<br>N3RW<br>W0MU<br>WB2NPY<br>YL2CA   | <b>1798</b><br>DL7KL<br>EA3ELW<br>K1IFJ<br>KC5LK<br>N7ELL<br>S59DKR | <b>1788</b><br>JA3HBF<br>K0ARS<br>KD8F<br>KT2C<br>LA1U                              | <b>1780</b><br>EA2AAZ<br>HB9DVO<br>IV3KCB<br>JA7FAS<br>JH1FNU<br>K0GW<br>N2GZ<br>S50B<br>W6OD | <b>1771</b><br>K3SV<br>N7BD<br>ZL3RJ                                       | <b>1761</b><br>HB9BOU<br>NA4MM<br>SM5BS   |
| <b>1807</b><br>JA9ESZ                                      | <b>1797</b><br>N8PCN  | <b>1787</b><br>K1OT<br>K4MV<br>KM7R<br>ON8GT  | <b>1779</b><br>JA6GIJ<br>K5AV   | <b>1770</b><br>EA4DL<br>R3CR<br>SM5YOC<br>WY0V                             | <b>1760</b><br>DK0EE<br>HB9TMW<br>JR1EFG  |
| <b>1806</b><br>JR6IQI<br>KN4PPD<br>PA0MBD                  | <b>1796</b><br>JF3DRI   | <b>1786</b><br>AA7XT<br>G4AFJ<br>N2CG   | <b>1778</b><br>JG1LBN<br>JH1ILX<br>JR3QHJ   | <b>1769</b><br>KE4KY<br>WC7N<br>XE1VIC                                     | <b>1759</b><br>W0VHF  |
| <b>1805</b><br>CT1BXX<br>JH7WQX<br>W6BK                    | <b>1795</b><br>JR1DQK<br>K5ZD<br>KA9OKH<br>SV3ICK<br>WC4B           | <b>1785</b><br>JI8PDC<br>JJ1CZR<br>JL1BYZ<br>K6UFO<br>K7NK<br>K9QFR<br>R5DU<br>W3UM | <b>1777</b><br>EA5AR<br>JA7DYJ<br>JA7MAD<br>KL7TC   | <b>1768</b><br>K7LAZ<br>NE1F<br>WA7BNG                                     | <b>1758</b><br>KE4S<br>KF2TI<br>SM5GLC  |
| <b>1804</b><br>JN1XNI<br>K2RET                             | <b>1794</b><br>I2YWR<br>IK3ITX<br>PA0VLY                            | <b>1784</b><br>EA5DFV<br>I2TZK<br>IK1UGX<br>JJ2ONH<br>JM1LPN<br>LA8AW<br>W3MF       | <b>1776</b><br>DL8TV<br>JA6JNF<br>JR4LZX<br>W8GEX   | <b>1767</b><br>K0QQ<br>VE3VC   | <b>1757</b><br>JH4JLV<br>JI2FBG<br>JS1NDM<br>SV1NJW   |
| <b>1803</b><br>VE6KC                                       | <b>1793</b><br>G4ZOY<br>G7VJR<br>JA1PPW<br>JH5HDA                   |   |   | <b>1766</b><br>LZ1MS<br>N2KX<br>SP5ELW<br>TF3DC<br>W6DX                    | <b>1756</b><br>F6KOP  |
| <b>1802</b><br>JH7VTE<br>K2MK<br>KE5PO                     | <b>1792</b><br>DL3EA  |   |   |  |   |

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| G4FAL<br>JK7LXU<br>K5CR<br>NE9R<br>YL3DQ                       | <b>1746</b><br>JE2EBT<br>SM2DMU<br>W1EL  | <b>1738</b><br>F5RQQ<br>N0STL  | JR7HAN<br>K5TIA<br>WX6V   | M0IKW<br>N1WQ  | N4PL<br>N7KO   |
| <b>1755</b><br>K5TR  | <b>1745</b><br>SM5ELV  | <b>1737</b><br>DL9EO<br>JM1ESG<br>K1DX<br>VE3SKX<br>W3ML                   | <b>1729</b><br>DK4PE<br>I7PXV<br>JA2PTQ<br>LA2GH<br>XE1L                                    | <b>1721</b><br>DM3ZF<br>EA2J<br>W0PR                                     | <b>1713</b><br>HA7LW<br>IZ5FSA<br>ZS6UT                    |
| <b>1754</b><br>JR7XOD<br>K8KI<br>VK2CA<br>W8RV                 | <b>1744</b><br>EA4DEI<br>IZ1JLG<br>JI2KUJ<br>K8SL<br>NA6O<br>RX6DX                           | <b>1736</b><br>JA4GXS<br>N7MB  | <b>1728</b><br>JH2AQI<br>OH1HB<br>PB2A  | <b>1720</b><br>HK3PJ<br>IZ6CST<br>KK0DX<br>N4XYZ                         | <b>1712</b><br>JA1NRH<br>K8SIA                             |
| <b>1753</b><br>RD8X  | <b>1743</b><br>K0HD<br>WA5NFC<br>WB5NHL  | <b>1735</b><br>JA5DBE<br>K7FL<br>KW9U<br>RN9CM<br>RU6K<br>W3FJ             | <b>1727</b><br>AG4Q<br>IK7YTT<br>IZ0MYH<br>JA1KXT<br>JE4CIL<br>K4AR<br>K4QE<br>KR8T<br>N7HN | <b>1719</b><br>AE4CW<br>G0BBB<br>W6SFK<br>WA2MBP                         | <b>1711</b><br>W1KMA                                       |
| <b>1752</b><br>AL7R<br>BV1EK<br>JF2HPA<br>N8HRZ<br>W3NS        | <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  | <b>1718</b><br>K6CF<br>ND3F<br>NX2X<br>WA6TLA                            | <b>1710</b><br>JE1HPM<br>JG3KCX<br>KG4CUY<br>KS0M<br>W4GP  |
| <b>1751</b><br>KR0P<br>LA5XGA                                  | <b>1741</b><br>JA6AVT<br>KW4CQ<br>N0UN<br>N7UVH  | <b>1733</b><br>JQ2QHQ<br>K2CYE<br>N6WM                                     | <b>1725</b><br>N6EE<br>V31MA<br>ZS2Y  | <b>1717</b><br>K8ZZU<br>SP7CVW<br>SV1GRE<br>W6FL                         | <b>1709</b><br>HB9HBZ<br>JA7BME<br>W8BLA<br>WB6CJT         |
| <b>1750</b><br>AL7TC<br>N9AOL<br>W3US<br>W4CCS<br>W8NN<br>WC0W | <b>1740</b><br>CT2GLO<br>DK5QK<br>DL8SDC<br>N1KDO<br>N5EPA<br>RC2A<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>WA3PTF<br>YB1TJ<br>YO3AIS                                  | <b>1716</b><br>9A1CKH<br>DK1EI<br>IW9HII<br>K5VR<br>K7WE<br>N3RD<br>NO9E | <b>1708</b><br>IT9ZZO<br>JA1SHE<br>JH1SBE<br>N8VV<br>W5UHQ |
| <b>1749</b><br>7L1CYC<br>JA3UNA<br>K2JL<br>N1NU<br>N6BM        | <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>JA9NUN<br>JL1GYZ<br>KR4W<br>N2RR<br>W6WA<br>W9GXR<br>WA9JWL | <b>1723</b><br>DL9OBY<br>JA8EIA<br>NA6JD<br>VU2IBI  | <b>1715</b><br>KK5OQ<br>N1CGP<br>OZ8X<br>VU2DCC                          | <b>1707</b><br>AB2RF<br>K9RE<br>SM5CSS                     |
| <b>1748</b><br>DF7AP<br>JG4NNS<br>OZ1ACB<br>RM6B               | <b>1730</b><br>AG7N<br>JE3EDJ  | <b>1722</b><br>IK2GPQ<br>KG8CW   | <b>1714</b><br>DL5CL<br>JA1VRU<br>JR3VMJ<br>K8JE<br>LB7ZG                                   | <b>1706</b><br>AC6HY<br>IK4DKO<br>JA4MMO<br>OZ3SM<br>PA3BWD<br>W9BP      | <b>1705</b><br>K7GQ<br>VU2CDP                              |

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| <b>1704</b><br>HB9CQL<br>KF4ZZ<br>N7FU<br>W3UL<br>W7FP                    | JM1JZN<br>N4AOE<br>NA6MG<br>RA0R<br>W9GG<br>WW8W                                 | <b>1687</b><br>EC6AAE<br>JA7NLW<br>N2LQ<br>N3TR<br>R6FFB<br>W6GRV                                       | <b>1680</b><br>W1MR<br>W4MA   | <b>1670</b><br>N4BAF  | J11MNT<br>K8AO<br>KX8G<br>N0OK  |
| <b>1703</b><br>HK4L<br>KO6KD<br>NA2X<br>W9ROG                             | <b>1695</b><br>JA1FUI<br>JH3HGH<br>KF4VTT<br>LX1DA                               | <b>1686</b><br>AA8SW<br>AG3V<br>F6DAM<br>JO4JDU<br>K6LRN<br>LZ2HM<br>NA4M                               | <b>1679</b><br>AH2O<br>JA4IYL<br>K9SO   | <b>1669</b><br>LZ3CB<br>WA5NOM  | <b>1662</b><br>DL6UNF<br>JR0EQQ<br>K3LR<br>N5PA<br>N8NB                     |
| <b>1702</b><br>JG3HBO<br>JK1SQI<br>KM9E                                   | <b>1694</b><br>4X6GP<br>K4KEW<br>UA1ANA  | <b>1685</b><br>K3XO<br>KE0A<br>VK6OZ<br>W1OG  | <b>1678</b><br>9K2BM  | <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>1661</b><br>K7FEL<br>RL2A<br>TF4M  |
| <b>1701</b><br>CT3CD  | <b>1693</b><br>EI9FVB<br>R1QA<br>W2GS  | <b>1684</b><br>EW4C<br>JA3AVO<br>LU4FW<br>N9LJX<br>W8UQ   | <b>1677</b><br>DJ3XG<br>EA7BJ<br>KM4NS  | <b>1667</b><br>4X6UU<br>AE5B<br>EC5A<br>K9GS<br>W9RXJ   | <b>1660</b><br>AD4AA<br>LA4WJ<br>ZP5YW                                      |
| <b>1700</b><br>HB9VAB<br>JA0ED<br>KE5TD<br>N9DR<br>VR2MY<br>WB2RAJ        | <b>1692</b><br>CT1ELF<br>JA3KZV<br>K0KP<br>K8OD<br>N4WE<br>W0AD<br>W1UE<br>W4LIA | <b>1683</b><br>VE7SZ<br>W1JA<br>W4JVN<br>WA2UUK   | <b>1676</b><br>JE1PHH<br>K2RR<br>PA9M<br>PY6HD<br>VE1VOX                          | <b>1666</b><br>EA4UV<br>F5CT<br>JA1TD<br>K7AWB<br>OH2LHE<br>W7IUO   | <b>1659</b><br>AA6RE<br>AJ8B<br>JA1PBV                                      |
| <b>1699</b><br>HA2NA<br>LA4YGA<br>WA6G                                    | <b>1691</b><br>JK1WSH<br>KE5FXE<br>N6KK<br>NS3L                                  | <b>1682</b><br>JA9RBZ<br>K3MD<br>K4MIJ<br>WR2K  | <b>1675</b><br>IV3AVQ   | <b>1665</b><br>JR4CZM<br>SM2EJE<br>UA0SC<br>WA4MME  | <b>1658</b><br>DL2JIM<br>I2EAY<br>N0YY<br>VE1JS<br>VR2KW                    |
| <b>1698</b><br>HL4CCM<br>JA0JPD<br>K5PC<br>KF7NN<br>W8SAX                 | <b>1690</b><br>DJ6NI<br>N4FN<br>W6RFF  | <b>1681</b><br>JA1JYE<br>JJ0NSL<br>K9MUF<br>KC2SST<br>OK1DX<br>RL3AW<br>W4UEF<br>WB6L<br>WF1H<br>YO3FGO | <b>1674</b><br>AA4UC<br>JA1BNL<br>KB1W<br>KF1C<br>ON6YH<br>VU2LBW<br>W1JQ<br>XE1R | <b>1664</b><br>AD3C<br>IK1MEG<br>IQ2VA<br>WE2N  | <b>1657</b><br>SM6AOU   |
| <b>1697</b><br>9A1R<br>AC5AA<br>AD5WB<br>JH1IZR<br>K9QJ<br>KK9T<br>WA4MIT | <b>1689</b><br>JA6ENL<br>K1AJ<br>K9ARZ<br>W4GMY                                  |   | <b>1673</b><br>EA7DUD<br>JR2PZX<br>NU4I<br>WT3Q                                   | <b>1663</b><br>GW4TSG<br>HB9ERU<br>IK0XIH   | <b>1656</b><br>DK3QM<br>F5BEG<br>N2CQ<br>UY2IZ<br>W0KEU                     |
| <b>1696</b><br>HB0WR<br>IZ5YHD  | <b>1688</b><br>AA0ZP<br>K5MT   |   | <b>1672</b><br>G3YBO<br>K4WW<br>W1FA<br>WB4KTF                                    |   | <b>1655</b><br>GW4MVA<br>JA1HSF<br>NF3R<br>UA3AKI<br>W0BBI<br>W0JMP<br>WF8R |

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| <b>1654</b><br>JE7RJS<br>RN3OA<br>SM4CTT                                  | GM0VRP<br>IK4HLO<br>K2QB<br>R7HF<br>R9JX<br>W9MR                                      | KW1DX<br>NA3F<br>OH1WR   | <b>1629</b><br>JH2BNL<br>KW3W<br>OT1A                             | SM5OJH<br>VE1JF<br>W7YW<br>WB4DNL   | <b>1612</b><br>DH3KM<br>JE1CTA<br>KM2E<br>SV2CLJ                          |
| <b>1653</b><br>K8ZT/QRP<br>KD3HN<br>KU2C<br>SE2T                          | <b>1644</b><br>EA4DB<br>EA5HM<br>JL1WQO<br>JR7ILA<br>KG5UZ<br>VE3MM<br>W0BM<br>WA3FRP | <b>1636</b><br>NZ5O<br>RN6AJ   | <b>1628</b><br>N4MEC<br>N8GP<br>NW4M<br>SV1BYI<br>VE1RGB<br>VE1SK | <b>1619</b><br>DL5AVJ<br>JH7IQQ<br>ND7J<br>W0SD                             | <b>1611</b><br>G4FTC<br>IV3TMV<br>JN1NOP<br>K4CGY<br>K6LPO<br>W2UDT       |
| <b>1652</b><br>GM3WIL<br>K3WI<br>KC6JAM<br>KU4BP<br>N4FY<br>N4ZR<br>VA2IG | <b>1643</b><br>HB9HIT<br>K4FX<br>KK8MM<br>PY2DV                                       | <b>1635</b><br>AA4A<br>JA1DCK<br>N7GCO<br>NY1V<br>YP3A                                 | <b>1627</b><br>EA4EPY<br>G4NBS<br>N8AGU<br>W0ZS<br>W2RA<br>WA4NUF | <b>1618</b><br>AD4Z<br>KF4MH<br>UA0FDX<br>W8WVM<br>YO9CEB                   | <b>1610</b><br>JA1GVT<br>JR1JGA<br>LA2IR<br>W2GFF<br>WP3R                 |
| <b>1651</b><br>JA1FVE<br>K7GA<br>N7VPN                                    | <b>1642</b><br>DL1EK<br>W1HEO   | <b>1634</b><br>CT1BOY<br>F4FLF<br>F6GCP<br>JA7MYQ<br>JL3DGI<br>JM1JIV<br>N7RD<br>US8UA | <b>1626</b><br>W4AG   | <b>1617</b><br>JG3KLF<br>K0CF<br>KM8AM<br>WB2HJV                            | <b>1609</b><br>JA1CCO<br>JH1XFR<br>ON6KE<br>WJ2R                          |
| <b>1650</b><br>CT1AHU<br>K0SRL  | <b>1641</b><br>DJ7JC<br>JA4HXF<br>K3WGR   | <b>1633</b><br>KI6X<br>RA6AAW<br>RW9SG<br>VE3IQ<br>W7JW                                | <b>1625</b><br>RV4LC<br>W3OOU                                     | <b>1616</b><br>HK1X<br>HK4EI<br>I5FLN<br>JJ2VLY<br>K1LEC<br>LA7EIA<br>W6OUL | <b>1608</b><br>AA4FU<br>EA5K<br>I0KDF<br>JA2CUS<br>JF1MTV<br>R3IS<br>W5ZE |
| <b>1649</b><br>W0JW<br>WD8KND   | <b>1640</b><br>K6XM<br>KE6V<br>N4XMX  | <b>1632</b><br>AA3TH<br>KN7Y<br>N1LID<br>N4NR<br>S51MA<br>WF4G                         | <b>1624</b><br>JR1WYW<br>K5HK<br>K8YE<br>N8WRL<br>UA9CNX          | <b>1615</b><br>JI1HNC<br>K4OCE<br>VU2MSA                                    | <b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAZ<br>WB6BFG               |
| <b>1648</b><br>JA6BZA<br>K9EXY<br>N5MT                                    | <b>1639</b><br>I5XFD<br>JH2GZY<br>JQ1YIW<br>JR0AMD                                    | <b>1631</b><br>JG1BKX<br>K6UNE<br>K7CMR<br>PT7DX<br>SM5BNK<br>SP5UAF                   | <b>1623</b><br>IK2QEI<br>W1OK<br>W7CP                             | <b>1614</b><br>IK7HDY<br>KT4AC<br>LX1CW<br>OK2ZA<br>UA4PK<br>W5WLA          | <b>1606</b><br>K3KY<br>W7VS   |
| <b>1647</b><br>DL4UCS<br>JA5QAH<br>OE1PMU<br>YV5KTM                       | <b>1638</b><br>JA1NLX<br>KR4BD<br>LU1FAM<br>N9TK                                      | <b>1630</b><br>JR1CAD<br>K7HC<br>W5BK<br>W6KGP   | <b>1622</b><br>KF4NEF<br>NW7M<br>WI7P                             | <b>1613</b><br>IW5AB<br>JA2ODB<br>K1FT<br>K5EWJ<br>W7LGG                    | <b>1605</b><br>SP5GQ<br>V51YJ<br>WF5E                                     |
| <b>1646</b><br>HL1AV<br>IZ5EBL<br>JO3WHB<br>N0AMI<br>YO3VU                | <b>1637</b><br>DK3BK<br>JA9RT<br>KK9M   |  | <b>1621</b><br>K2SD<br>W6CUA                                      |   |   |
| <b>1645</b><br>DL1USB   |   |  | <b>1620</b><br>9A6ST<br>I7LGM<br>KC9FFV                           |   |   |



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| <b>1604</b><br>KC8RP<br>N9IO<br>W6ZQ<br>WB5STU                               | <b>1596</b><br>AF4CD<br>CT1ESO<br>N8DUY<br>N9JCS<br>YO9FQT                  | KZ7N<br>NK7Z  | XE2YWH   | <b>1573</b><br>DL2HRT<br>EA5ZR<br>WA3GNW                    | KE1B<br>W0FG<br>YB2TS  |
| <b>1603</b><br>D2UY<br>NP3CW<br>W5NUT<br>WT2P                                | <b>1595</b><br>DK5HZ<br>NU2Q<br>WA6EZV                                      | <b>1588</b><br>DL7UGO<br>ER0FEO<br>FM5CD<br>KE3X<br>N3ZOM                 | <b>1580</b><br>F5LIW<br>OE6CLD<br>WA6POZ   | <b>1572</b><br>G4AYU<br>JM3GXU                              | <b>1564</b><br>IK4TVP<br>N6RFM<br>UT6UA<br>W4KK                    |
| <b>1602</b><br>K0COM<br>K3VAR<br>NO0B<br>NY4I<br>PT7YV<br>VR2XYL             | <b>1594</b><br>E74A<br>JJ6WZS<br>KD0AA<br>SK0QO                             | <b>1587</b><br>JG1OWV<br>KF2OG<br>RO7T                                    | <b>1579</b><br>JF1AGB<br>K2ZD<br>NA1DX<br>W9BS   | <b>1571</b><br>DK3PZ<br>G4DYC<br>HL5FBT<br>JJ3FRB<br>N5VR   | <b>1563</b><br>IV3BSF<br>N9DD<br>W2DEN<br>W4AEJ<br>W4NBS<br>W9QO   |
| <b>1601</b><br>KY9KYO<br>SP4K<br>YL2TD                                       | <b>1593</b><br>HB9AAA<br>JA3EEM<br>K3GW<br>W1ASB<br>XE1YD                   | <b>1586</b><br>IZ8EKL<br>K4GK<br>SV8LMQ<br>W7TSQ                          | <b>1578</b><br>DL6GBM<br>JH1AQN<br>K4QD<br>K7LY<br>ZS1DX   | <b>1570</b><br>JR3ADB<br>K1KI<br>K2WJ<br>K3DFL<br>W9HP      | <b>1562</b><br>IK5QPS<br>YB0NFL                                    |
| <b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>OZ1RE<br>W4QK<br>W6BCQ<br>WA1EHK   | <b>1592</b><br>DL5RDI<br>KU2A<br>VE7CV<br>VR2XLN                            | <b>1585</b><br>JF3SFU<br>JR0RBY<br>KE4SCY<br>KN4JX<br>KW4J<br>W8PI        | <b>1577</b><br>JA4ICR<br>JL1ELQ<br>JM2QWQ<br>K8DE<br>W6HDG<br>WS9W<br>YV5AM                                | <b>1569</b><br>CT1HHP<br>JH2KMK<br>K6BZS<br>RL3BZ<br>UA1TAN | <b>1561</b><br>E73W<br>IN3EQZ<br>JF3GFH<br>JL1VAL<br>K9CJM<br>W8JA |
| <b>1599</b><br>K08SCA  | <b>1591</b><br>F4WDL<br>JA8ECS<br>JF1WQC<br>K5QR<br>UT5URW<br>VE6SH<br>W5VU | <b>1584</b><br>I1PLX<br>N6WT  | <b>1576</b><br>EA1T<br>K7CU<br>W5WI  | <b>1568</b><br>DL6DQW<br>JA0CVC<br>W3OU<br>WA2BOT<br>YO3GOD | <b>1560</b><br>JH2HHJ<br>K0NV<br>KG6D<br>ND1Y<br>UA1CKC            |
| <b>1598</b><br>CT1ELC<br>IV3FFI<br>IZ0ADG<br>KB5UNX<br>KI8L<br>N4XX<br>W7TUS | <b>1590</b><br>JR3TOE<br>K4KL<br>SM5HJZ<br>W8MIL<br>WB7QXU                  | <b>1583</b><br>JH3KAI<br>K4WFM<br>KJ5PQ<br>KL7TS<br>N5EE<br>N6DHZ<br>W5SJ | <b>1575</b><br>DD3KF<br>JA1NQU<br>K0PC<br>K7LFY<br>UR4CWQ  | <b>1567</b><br>DK5JI<br>F6DHI<br>IS0MVE<br>IU8IYE           | <b>1559</b><br>JG1LFR<br>JH0AHI<br>ON4ACG<br>W3IZ                  |
| <b>1597</b><br>AC9O<br>I8MTQ<br>K3IE<br>K6EGF<br>W5RYA<br>XE2MX              | <b>1589</b><br>AA3AZ<br>F6FYD<br>IZ4AIB<br>JA2HNP<br>KE9U                   | <b>1582</b><br>F4GVO<br>LU2BA<br>N0KK<br>NZ6E<br>W4UFO<br>Z32ZM           | <b>1574</b><br>AB0RX<br>JA1XUY<br>JK1JAS<br>N9CO<br>NM9P<br>PT2ADM<br>RU3A<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ | <b>1566</b><br>E77S<br>HB9GWJ<br>IK8YFU<br>N1KX<br>N4MI     | <b>1558</b><br>KI4TZ<br>N6VS<br>N8IL                               |
|  |   | <b>1581</b><br>JR4VMS<br>KJ9X   |  | <b>1565</b><br>JF1OSL<br>JH7HIQ                             | <b>1557</b><br>7M4CLF<br>OE3JAG<br>VK3KE<br>W1JGS                  |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| W8BI        | JA0NPQ      | <b>1544</b> | <b>1537</b> | JA1DFK      | K2CS        |
| YV5KAJ      | JA6GXP      | 7L4VYK      | AD5MD       | K7CMZ       | K6FM        |
| <b>1556</b> | KD4POJ      | IZ6ERS      | JH1RVQ      | W3WST       | LY3BY       |
| JA6GMC      | RD9U        | JA2ACI      | KE7W        | W7BEB       | N9LEO       |
| K5RKS       | <b>1550</b> | KC4HW       | N7TR        | WA8LRW      | NV4A        |
| N7TM        | G8BCG       | KS4XQ       | RZ3EM       | <b>1529</b> | W3KHZ       |
| R3DL        | JA8RRF      | N6NR        | VE3OTL      | EA1P        | W8WM        |
| RA3M        | N6EM        | W7JET       | W4OV        | I1CMA       | WR7Q        |
| WJ3A        | W9LN        | <b>1543</b> | W6DCK       | JA9IWR      | <b>1523</b> |
| WW0E        | WA4USA      | K4IE        | WW1V        | JL3JRY      | EA3ESZ      |
| <b>1555</b> | <b>1549</b> | N5CQ        | <b>1536</b> | K4MY        | JJ1OKK      |
| EA4D        | AC6BW       | RZ6DX       | DL5ZB       | S59SV       | <b>1522</b> |
| IK0ZIO      | DL3NSM      | SM5ACQ      | EA5GHD      | VA7DX       | CT7AUP      |
| KA6A        | IK0TUM      | UA6J        | IK4FNF      | W1HS        | DL2RD       |
| KK7YC       | IK7AGT      | VE6BMX      | W5FPT       | <b>1528</b> | DL8DXF      |
| VE4YH       | JJ1JMZ      | <b>1542</b> | W7FI        | DS3EXX      | JA7GAP      |
| VK3TC       | K1CBK       | JD1AMA      | <b>1535</b> | N7JP        | KP3AH       |
| <b>1554</b> | K5AC        | MW0CBC      | AA5N        | SP9TPZ      | KP4AA       |
| AA6K        | K8LO        | N1EK        | JE1GGI      | W5RZ        | NR0P        |
| DL4MM       | PY4AZ       | W2GB        | K0IS        | ZL3AL       | SP3WKW      |
| KE9S        | W5SUM       | <b>1541</b> | UR5WIF      | <b>1527</b> | UA9LAO      |
| N6VNI       | W9WO        | IK2RGT      | W4UDH       | JA8EJZ      | WB2ZAB      |
| W0PE        | WA9DU       | IK4YCQ      | WA8A        | K1EO        | <b>1521</b> |
| <b>1553</b> | <b>1548</b> | JA1XPH      | <b>1534</b> | N3AO        | SM6VR       |
| G1VDP       | JG2CNZ      | JG1ULT      | DF2WF       | R7LP        | WA5UA       |
| HL3ERJ      | KD4SN       | W4NE        | DJ2VO       | WX0Z        | <b>1520</b> |
| I8KHC       | N2ZN        | <b>1540</b> | K2OP        | <b>1526</b> | 4X1UF/M     |
| JA9APM      | SP7QHR      | IW7EBE      | SV1XV       | DS2BGV      | DL2CC       |
| JP1SRG      | W5MO        | J68HZ       | VA2LM       | G4DXW       | G4RGK       |
| JR1AIB      | <b>1547</b> | N5OHL       | W6JZ        | JH1CML      | GU4YOX      |
| KE4BKL      | CE3BT       | OZ1BXG      | <b>1533</b> | K8JJC       | KN9P        |
| SV2BXA      | IW2ETR      | <b>1539</b> | 9A0W        | UA9AGX      | KY5I        |
| SV3KH       | JH2AYB      | HL4CBX      | JH2KXN      | <b>1525</b> | LA3PK       |
| W4CSW       | K6QU        | HL4XM       | KI7AO       | AC2G        | N6WIN       |
| W7BQ        | N7OJ        | K6ME        | <b>1532</b> | CT7AUK      | SP3EPG      |
| <b>1552</b> | WA3GFM      | KC4HN       | HK3CW       | EW2DZ       | WA3WZR      |
| JA1MLY      | <b>1546</b> | KF9AF       | K8ROK       | G7SSE       | <b>1519</b> |
| JH8JYV      | JA0FLL      | N5ID        | OK1FMX      | KE8G        | K7DSE       |
| M0VAA       | JE1LPZ      | PY2RN       | UT2AB       | NU4B        | ND4DX       |
| NE0DX       | JK1MZT      | VE2BWL      | <b>1531</b> | UT3UX       | UY2UZ       |
| NW7US       | OZ2RH       | WB4CW       | KM7DX       | W8VI        | W8AKS       |
| RA9SC       | <b>1545</b> | <b>1538</b> | VE7XT       | <b>1524</b> | WA8CDU      |
| WN7J        | EA4DUT      | CU7AA       | WS4C        | DJ7WG       | WB4SON      |
| WQ7B        | I2DMI       | JA4RED      | <b>1530</b> | DL5KUT      | YO9BLY      |
| ZL3TE       | JL3OUW      | PY8WW       | 5T5PA       | DM5JBN      | <b>1518</b> |
| <b>1551</b> | K8DP        | <b>1530</b> | I0NUM       | JE4FNC      | HK6K        |
| IK1ZOF      | KX7DX       | <b>1530</b> |             | K0IL        | IK1DFH      |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| J11VVB      | <b>1512</b> | <b>1507</b> | JR1SLU      | YB1TQL      | <b>1491</b> |
| JK1UVP      | EI8GS       | EA7DAP      | K2SHA       | YB4CHP      | I8NHJ       |
| K4HQB       | HB9FBM      | K4SAF       | K7PT        | YL2BR       | K0JN        |
| <b>1517</b> | IZ0FUW      | N0VVV       | KB1YNT      | YO8CRU      | XE1ILI      |
| JE3MDQ      | JH6WMJ      | W0ELT       | KC9K        | <b>1499</b> | <b>1490</b> |
| K1FE        | NV1Q        | <b>1506</b> | KJ4YLO      | K5LY        | JA6HUG      |
| K4PKM       | RA9LT       | CE3FZ       | KU1T        | KF6A        | JE1NVD      |
| W0ANZ       | UW2XW       | DL1MEV      | N3ZP        | N7ZA        | VE3QAA      |
| <b>1516</b> | VE7VF       | I2YPY       | NK5B        | SM5APS      | W4PG        |
| DJ6TF       | W1ZS        | K5DV        | NR2C        | VE6TL       | W5SWV       |
| EA5KA       | W5FL        | N6DNU       | ON5GQ       | <b>1498</b> | <b>1489</b> |
| K0AU        | W6GJB       | WR2G        | R0QA        | K4AU        | F9CI        |
| VE1DUN      | W6ZO        | <b>1505</b> | R2DO        | KA2CYN      | JQ1PCX      |
| WB1DX       | WA2MCR      | JH3PAS      | UA1OM       | ON4LG       | JR2BJE      |
| WT9U        | <b>1511</b> | K3HW        | W5DXQ       | <b>1497</b> | K1EDG       |
| <b>1515</b> | AD4ES       | NC2Y        | WB9PNU      | JR2IMJ      | N6YEU       |
| 9A3MA       | DK8UH       | PP7LL       | WF7T        | K5YG        | W1LY        |
| CU7MD       | JA5JGY      | W4WN        | YB0MWM      | K8LY        | WB8IZM      |
| DL1MDZ      | JP1GUW      | WK9U        | <b>1500</b> | K9AQ        | <b>1488</b> |
| DL6NDW      | N1PM        | ZS1C        | AA4US       | <b>1496</b> | CU2CE       |
| JG2LGM      | UU7JM       | <b>1504</b> | AA8KY       | E73M        | K8AJR       |
| JG6MQI      | <b>1510</b> | DL9DRA      | AE4AN       | JA8FKO      | KC4GL       |
| K5DB        | DM3PYA      | JK3NQV      | DF8FT       | JH1LAH      | W6JTI       |
| N1ZJ        | N2YBB       | TF3JB       | EA2AA       | SM2OTU      | YO8RSL      |
| W1XV        | PY2OP       | W4UAT       | EA4TX       | <b>1495</b> | <b>1487</b> |
| W4PGM       | WN9O        | <b>1503</b> | IA4DNC      | JR1LZK      | LA8WG       |
| WA0WWW      | YE9BJM      | IK0PCJ      | JF2SQB      | ON7DR       | N3AIU       |
| WB1AEL      | <b>1509</b> | JQ1EST      | K1VI        | W8LR        | N5UE        |
| <b>1514</b> | K0VM        | K8MN        | K4RDU       | <b>1494</b> | N6IG        |
| IW8CGX      | K4TXJ       | SQ7FPH      | K5EWS       | G4AFU       | W4PGC       |
| KJ4R        | KB8GAE      | UT7EC       | N1BZ        | KI4TWA      | <b>1486</b> |
| M0TTB       | KG5VK       | WB0OQV      | N4MIK       | N4KM        | DF7FC       |
| <b>1513</b> | LA2DS       | YB0DJ       | N5VYS       | W1GF        | DK8IZ       |
| AB1J        | N4SV        | <b>1502</b> | N5XJ        | <b>1493</b> | JA6NEJ      |
| AG1I        | R3BM        | JJ2NWI      | N7QU        | IK5ZUK      | N7JB        |
| DL6DCD      | UA9MC       | K6JJ        | NU0C        | JA3CMD      | N8XI        |
| JA7BAL      | W1MJB       | K9LCR       | OH3FVP      | M0URX       | W7HUY       |
| K8EB        | W4REX       | KB5HC       | OK8DD       | <b>1492</b> | <b>1485</b> |
| KA5V        | YU3MAY      | KN7K        | R5AK        | IZ0COK      | DF9HI       |
| N9CDX       | <b>1508</b> | N2PK        | SM0HEV      | JA2QVP      | DM9EE       |
| R7IA        | DL0WW       | NN2D        | UT2VC       | JE3PCP      | HP3TA       |
| UA3DK       | IK4DCX      | YB4IR       | VA7QI       | K5NOF       | <b>1484</b> |
| VE4EA       | IW7DVM      | <b>1501</b> | W4DTA       | M0HIH       | DL4FDM      |
| VE7UF       | N3PS        | AA5TA       | W4HY        | WW8RT       | IK7YCE      |
| WA7HQD      | NN6K        | HB9AGO      | W9PDS       | <b>1499</b> | K0MFI       |
| WQ1H        | WV4V        | HL2DBP      | WA0JZK      | YB1RUS      | LA9VBA      |
|             | YL2EC       | JJ1DJW      | WJ0T        |             |             |
|             |             |             | WO5I        |             |             |
|             |             |             | WW7Q        |             |             |
|             |             |             | WY7FD       |             |             |
|             |             |             | YB1RUS      |             |             |

|   |  |  |  |   |   |
|---|--|--|--|---|---|
| <b>1483</b><br>4X1RU<br>JA3WMS<br>JE2VFX<br>KM4HQE<br>RU3UN<br>S57UX<br>W0OGH | <b>1475</b><br>G0SYP<br>JE3FOR<br>J11UHZ<br>K7QBO<br>LX2SM                   | DL6RA<br>N9LQ<br>W1FC<br>WD6T  | PY3VB  | IW5EIJ<br>KP4DS<br>KQ5M   | K3VPZ<br>K4NC<br>KO4PY<br>KP4N<br>NN6L<br>SP7UWL<br>WA8RCK<br>WT1L        |
| <b>1482</b><br>DL3IAC<br>I0GKP<br>NG0G  | <b>1474</b><br>AA5TL<br>IK6ZDC<br>K1ROA<br>W2GDJ                             | <b>1467</b><br>K8LN  | <b>1456</b><br>K4RW<br>LU2AH<br>PB9FN<br>W1EBM<br>W5MF<br>W5RDW<br>W7VAS                             | <b>1448</b><br>NR0T   | <b>1441</b><br>DL2VFR<br>SP9GFY   |
| <b>1481</b><br>DL4FCJ<br>KC5PL<br>SM0NUE<br>W2TX<br>WB1ASL                    | <b>1473</b><br>DL0AVH<br>KT8O<br>LX1KC<br>NX4TT<br>VA7DXX<br>W9NJY           | <b>1466</b><br>EI4CF<br>JA3MIO<br>N9OY<br>UA7T<br>W3DQS                                | <b>1455</b><br>AK6A<br>ES1FB<br>JH1XXB<br>K2KIB<br>N9MB<br>UT5IP<br>YO3GJC                           | <b>1447</b><br>AF3X<br>IK0WMJ<br>JA1PVX<br>K9KDS<br>KC2STA<br>WA3GM<br>WM4AA                  | <b>1440</b><br>CT1DSV<br>HB9FAI<br>JA8BOV<br>JA9KRO<br>NE5S               |
| <b>1480</b><br>AA1M<br>AA5SH<br>K0XN<br>K8ZH<br>PY2CP<br>W4UW<br>ZL3PAH       | <b>1472</b><br>CT1BOH<br>JH1APZ<br>KM2O<br>LU2DSL<br>N6AWD<br>N9LF<br>W4WG   | <b>1465</b><br>AB9M<br>DL2RPN<br>K5YU<br>K7VC<br>N4UFP<br>YB2MM                        | <b>1454</b><br>JA1UPT<br>ZL2CC   | <b>1446</b><br>DS4NPL<br>IU0ICA<br>JA1BON<br>JA8ANQ<br>K3SF<br>KH6U<br>N9HF<br>YO9IKW         | <b>1439</b><br>AD7L<br>DL1VDL<br>KJ6Y<br>KN7D<br>N2XQM<br>XE1EE           |
| <b>1479</b><br>EI1DG<br>JJ1KXB<br>VA3AYA<br>VE3UTT<br>W0YK<br>WA3SKQ<br>YL2CZ | <b>1471</b><br>4X4JU<br>EI4BZ  | <b>1463</b><br>IW0AFS<br>N5XE<br>W5LUA<br>WB0ULX                                       | <b>1453</b><br>KD2SC<br>WA4TII   | <b>1445</b><br>EA1PP<br>K2HT<br>KJ4UZU<br>NJ5N<br>OZ9XU                                       | <b>1438</b><br>DF1IR<br>JA3IWB<br>JK1DDG<br>K1TKL<br>RZ1OK                |
| <b>1478</b><br>A71AM  | <b>1470</b><br>IZ8DUD<br>K8GT<br>KF0RQ<br>WS1F                               | <b>1462</b><br>AL7LO<br>DJ1OJ<br>F4BDG<br>JA7DPC<br>JG1LRE<br>TF3VS<br>VA3HP<br>WB3BFC | <b>1452</b><br>EC7B<br>KB4CRT<br>KB7V<br>W2SKI   | <b>1444</b><br>DL2MIH<br>HL1VAU<br>JA0BOV<br>JR4ABB<br>K1KNJ<br>N3AE<br>W4QG<br>W5FK<br>W6SIY | <b>1437</b><br>G4PVM<br>VE3BZ<br>W0ZR                                     |
| <b>1477</b><br>HB9HVG<br>K0BRO<br>W0IKD<br>WB1S                               | <b>1469</b><br>DL8DWL<br>HB9CYV<br>K8AJK<br>K9DY<br>KE5BR<br>SM6WET<br>XE1MW | <b>1461</b><br>K6KR<br>N6FS  | <b>1451</b><br>JA2XLV<br>K4IA<br>KU9S  | <b>1443</b><br>JA1ERB<br>N5DT<br>PV8DX<br>TF3Y<br>W8TM  | <b>1436</b><br>KK4CLY<br>KT4O<br>NY4G                                     |
| <b>1476</b><br>E70A<br>JK1EBA<br>N2BI   | <b>1468</b><br>AK7O<br>DC8TS<br>DL5CT  | <b>1460</b><br>N6VH  | <b>1450</b><br>DJ5DT<br>IW4CIL<br>JA2BUR<br>K0PX<br>K2QMF<br>K5OVC<br>KI2D<br>KT8D<br>W4TUN<br>W6FEL | <b>1442</b><br>EA1AZ  | <b>1435</b><br>A92IO<br>JH1DSF<br>K1WO<br>KM4VI<br>NM1G<br>VE3FRR<br>W3WH |
|   |  | <b>1459</b><br>HA5UK<br>K8JRK<br>S50U  | <b>1449</b><br>DM5EM   |   |   |
|   |  | <b>1457</b><br>IK5EKB  |  |   |   |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
| W4GF<br>WA9PWP   | <b>1426</b><br>9H1EJ<br>SM4GVR<br>WA5KBH  | N7KDT<br>W6SHY  | <b>1408</b><br>EA2AGV<br>G3VQO<br>JA6XE                                     | <b>1401</b><br>JA1DXA<br>JP3OIK<br>K0LU<br>W4LEW  | W1DAR   |
| <b>1434</b><br>BA7NQ<br>CU3BL<br>JH8WXF<br>KE1R<br>N4ST<br>OZ6EI<br>WC2C   | <b>1425</b><br>DL6NW<br>F4DSE<br>JA3BKP<br>JH3PRR<br>K0XR<br>KB2ZPB<br>KI9A<br>W2EQ | <b>1418</b><br>TG9AJR<br>W5GJ   | <b>1407</b><br>JA4FKO<br>K3ATO<br>N3WD<br>S59DJK                            | <b>1400</b><br>K7RAN<br>OE1HHB<br>W7NP  | <b>1393</b><br>NB3R<br>WA7HR  |
| <b>1433</b><br>JA6SRB<br>K1OYQ<br>K3MM<br>K7ORK<br>W4HOG<br>W6OPO          | <b>1424</b><br>A61BK<br>G3PSM   | <b>1417</b><br>DL4ZAB<br>NX9T<br>PY3SB<br>W8HB                                      | <b>1406</b><br>3A2MW<br>DL1QQ<br>I0EKY<br>KB0V<br>N4VN<br>N5TF<br>W6DPD     | <b>1399</b><br>F5AQB<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>1432</b><br>JG1JPE<br>K2CYS<br>KO4PRE<br>PS8ACL                         | <b>1423</b><br>K4MQM<br>K7CTV<br>N3FG<br>N4NQ<br>W5AP                               | <b>1416</b><br>AA9D<br>G0THF<br>W2CQ  | <b>1405</b><br>F5IYJ<br>JN4FNZ<br>K6XJ<br>LB5GI<br>N1WON<br>N8HO<br>WN7S    | <b>1398</b><br>K0SQ<br>K8WHA<br>VK2HV   | <b>1391</b><br>K4MIL<br>K7VV<br>NI5G<br>SP5GQX<br>VK2GR<br>W7AJ<br>WB8FIW<br>WX8C |
| <b>1431</b><br>K5OO<br>K8MVZ<br>W4AO                                       | <b>1422</b><br>I4ACO<br>KB4CL<br>VK8DR<br>W9SE                                      | <b>1415</b><br>VK2AAH   | <b>1404</b><br>AB6CF<br>DD0VE<br>HK3J<br>JH8KIY<br>KB1DMX<br>KB7AK<br>RN3QO | <b>1397</b><br>HB9BMY<br>JR2PAU<br>N9BVA<br>SV2JU<br>WI4T                                   | <b>1390</b><br>DM3CW<br>JL1BDI<br>K4TR<br>N8II                                    |
| <b>1430</b><br>WX0E  | <b>1421</b><br>CT1ETE<br>CT1IW<br>DJ4KW<br>HB9DQD<br>JA3AYU<br>K0IO<br>N0TK         | <b>1414</b><br>IZ5EKW<br>JH5RXS<br>NN5E<br>W4AXL                                    |   | <b>1396</b><br>DJ8WD<br>KF8PD<br>NG6R<br>YO6HOY   | <b>1389</b><br>DL6KWU<br>I5YDO<br>K5LC<br>K7JH<br>N0TR<br>ON4CCN                  |
| <b>1429</b><br>AA4ZK<br>EA7AN<br>JJ1LID<br>OZ2ABI<br>TA1L<br>W4HGW<br>W4WJ | <b>1420</b><br>IW9DNI<br>KM2L<br>ON4CN<br>UN7BY                                     | <b>1413</b><br>AD0K<br>JA5XPD<br>LU3VA<br>N6XT<br>RX3BP<br>WA2VQV<br>WB5ZAM<br>WC2L | <b>1403</b><br>9H1AE<br>AJ4F<br>DL5KW<br>HP2NG<br>JR1TNE<br>N7RVD<br>ON8VM  | <b>1395</b><br>DH4JQ<br>JG2TSL<br>JH3HTD<br>JI8XLD<br>K2DH<br>KS4V<br>VA3IC<br>W5EC<br>W7KW | <b>1388</b><br>CT7ANG<br>KG4USN   |
| <b>1428</b><br>DL9MEN<br>IK4DCW<br>N3HBX                                   | <b>1419</b><br>A92AA<br>AE4M<br>JH6WHN<br>JR6DM<br>LA9PJA                           | <b>1412</b><br>K7PO<br>LA4JGA   | <b>1402</b><br>5Q2J<br>I2KBD<br>JA0HWF<br>UA0SE                             |   | <b>1387</b><br>JF1KML   |
| <b>1427</b><br>JF2SKV<br>JK1NIU<br>W9UM<br>WC1M                            |   | <b>1411</b><br>AI9U   |   |   | <b>1386</b><br>DL2VWR<br>EA3HDZ<br>JI3KHV<br>KE4FW<br>N7TP<br>W0SHL<br>W1GY       |
|  |   | <b>1410</b><br>NS4X<br>VU3CAU   |   |   |   |
|  |   | <b>1409</b><br>JH1HLC<br>N1RP<br>W1PR<br>W5KFT                                      |   |   |   |

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|--|---|--|---|--|---|
| <b>1385</b><br>8P6SH<br>K6VV<br>K8WVA<br>KG4JSZ<br>N4QM<br>W6BBS   | <b>1378</b><br>JA3PRM<br>UA1CEI   | K3JWI<br>K4JPD<br>K6JW<br>N2DXJ<br>SM2LKW<br>VE3TKI<br>WB8EJN                        | W9GE<br>WA8LOW  | <b>1356</b><br>IK2GOQ<br>JA7OBO<br>K5HTE<br>K9SUH<br>TF3SG   | <b>1349</b><br>EI5JL<br>K2QL<br>N3AF<br>W4QNW   |
| <b>1384</b><br>JJ1BDX<br>JK1LUY<br>NF7D<br>RW3SU<br>SV1IXK<br>UN7BK<br>W3DIY                             | <b>1377</b><br>IK8OZV<br>KC1ERO<br>PV8ABC<br>W4DN<br>W4PRO                          | <b>1370</b><br>KP3V  | <b>1363</b><br>9A3NM<br>DJ8SN<br>JA9CGW<br>NX1P<br>OE1TKW<br>TA1AL          | <b>1355</b><br>HA5KFV<br>HL3EHK<br>K8EJ<br>KI7HO<br>WA6URY<br>WB2KSP                                 | <b>1348</b><br>AA7UN<br>AK3E<br>EA3NG<br>JA1ITJ   |
| <b>1383</b><br>F5EOT<br>JA2JID<br>JI1DMH<br>K0YL<br>K4DET<br>NU1T<br>OE1JIS<br>OZ7AM<br>WA0PFZ<br>WB2CLL | <b>1376</b><br>EA2BFM<br>GI4OWA<br>JA2LHG<br>N0YO<br>NA2R<br>ND7K<br>ON6ZV<br>RA3CO | <b>1369</b><br>IK3GBG  | <b>1362</b><br>DL2TOS<br>JA1TOU<br>K3SUI<br>PT7CB<br>R3BB<br>UR9IDX<br>W4RQ | <b>1354</b><br>F5MZE<br>IT9JPS<br>IZ2EIH<br>KC2THY<br>W4DCY<br>W4WX<br>W8SET<br>WA5TXY               | <b>1347</b><br>GW0ANA<br>JR7COH<br>K3BZ<br>K7CO<br>K8VD   |
| <b>1382</b><br>E73D<br>HB9ESS<br>NR4M<br>W0RXL   | <b>1375</b><br>IZ7GXB<br>JA7SFD<br>JH8XVT<br>KD2GC<br>NI4Y<br>OV5O                  | <b>1368</b><br>N4LV<br>PA5A<br>SM0EUI<br>W1GQ<br>XE1GLL                              | <b>1361</b><br>KM4A<br>KM4VJW<br>N8TFD<br>OH6OK<br>TA6N                     | <b>1353</b><br>HB9EXQ<br>W3DVY   | <b>1346</b><br>JA6JPS<br>K5DCW<br>N9MW<br>VU2ABS<br>WA6KHK<br>WD4IKI                            |
| <b>1381</b><br>DK3TL<br>JA2LWD<br>KK4XL<br>W8SP  | <b>1374</b><br>AA2DT<br>DJ9SO<br>K5TU<br>NI7F<br>W0MS<br>W9VQ                       | <b>1367</b><br>G3VAO<br>JA6HOZ<br>K0FF<br>KB9AIT<br>SV2DSJ<br>W6ZPL<br>W7AAD         | <b>1360</b><br>4Z5IW<br>JA6FEG<br>JI1QIO<br>N7UJJ<br>RU3UR                  | <b>1352</b><br>JI0VIF<br>K2CDJ<br>KA1API<br>KA3CRC<br>NC4AA<br>S57AL<br>W1RH<br>WS4H                 | <b>1345</b><br>JG1IEF<br>R7FF<br>SP5DL<br>W7XZ<br>ZL2AO   |
| <b>1380</b><br>KB9LIE<br>W4DWS   | <b>1373</b><br>K1TWF<br>N7WI<br>TF5B<br>W2PS<br>W4TNX                               | <b>1366</b><br>HB9BEM<br>JA2KQE<br>K8GWU<br>PY2HH                                    | <b>1359</b><br>K1XE<br>OD5YA<br>WA1NXC                                      | <b>1351</b><br>KD5R  | <b>1344</b><br>IZ3GOO<br>JA3BG<br>K9HQM<br>LU2JCW<br>N5KA<br>PY2ADR<br>VE3TM<br>WA8VSJ<br>WX2CX |
| <b>1379</b><br>I5GKS<br>JA8EKU<br>K6UXO<br>N0IW<br>N5HC  | <b>1372</b><br>AB6Z<br>AC4BT<br>OE6VHF<br>XE2B                                      | <b>1365</b><br>G3KAF<br>HA5OLA<br>HB9ODP<br>N2FY<br>OE7FMJ<br>ZL1ANH                 | <b>1358</b><br>EA8TK<br>JH2NWP<br>K7STO<br>WX5L                             | <b>1350</b><br>AG6HE<br>EU7X<br>EW4A<br>IK2HDF<br>JA0NFP<br>JA7JM<br>JI1CYX<br>K0QB<br>KA9J<br>W4ATL | <b>1343</b><br>4X6KJ<br>AA4EA<br>AC6DD<br>G4VMX<br>JK3GWT<br>K1OR<br>K4GHS                      |
|  | <b>1371</b><br>EI5KO<br>JH8LEY  | <b>1364</b><br>AF6PK<br>EA1NK<br>G4ZWY<br>JA1UOA<br>JA2CGH<br>K1LTJ<br>N3KR<br>W7PAQ | <b>1357</b><br>7L2QAD<br>IK6RFQ<br>JA1VRY<br>K4RM<br>K5CQT<br>W9ZT          |  |   |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| W6HYI       | JA7FVA      | JR2ATZ      | EA7LS       | <b>1316</b> | WB7BBQ      |
| <b>1342</b> | VU3WEW      | K3LA        | WO7V        | AB2DP       | <b>1309</b> |
| AA8M        | W8VK        | N0RR        | <b>1322</b> | EI7GY       | K1WY        |
| DK8FS       | <b>1335</b> | NI3K        | DL6KVA      | GM0VIT      | K8ARY       |
| HK6P        | DM1HR       | OH3TY       | G6NHU       | JF7NNI      | NJ0F        |
| IK0PRG      | I1SOP       | <b>1329</b> | IT9CMU      | K2JK        | UB3A        |
| JF1JTQ      | NC4MM       | K1APJ       | IZ4VSD      | K4IU        | W1JMM       |
| VA3VET      | SV1CIB      | KE4WI       | JA1BWA      | WA2QAU      | YV5JGO      |
| W6VNR       | WY4I        | W0GN        | JA9FO       | <b>1315</b> | <b>1308</b> |
| WB2GOK      | <b>1334</b> | W6HGF       | JG1BOK      | K2OGD       | DL1SVA      |
| WD9Q        | JH1CJQ      | <b>1328</b> | JJ1QZQ      | K4JUJ       | HC8N        |
| <b>1341</b> | JH1OVY      | F5NTV       | K2OO        | N2BT        | JL8IPF      |
| CU2AF       | J11EIX      | KE4KMG      | W4DVG       | VA3CW       | N4HGZ       |
| JA7QQQ      | K7RR        | OH3PYY      | W5JE        | WB7VNY      | N9RV        |
| JS2GFA      | SM7DXQ      | SP3CMA      | <b>1321</b> | <b>1314</b> | WD4IXD      |
| R9HBF       | W5TFW       | W1NR        | DJ5EY       | AC0W        | <b>1307</b> |
| W4UT        | W5WS        | <b>1327</b> | HK3CQ       | EI3CTB      | JH3LCU      |
| WD8LTM      | WW1L        | BX5AA       | K4LQ        | G4IDL       | N1BY        |
| <b>1340</b> | <b>1333</b> | DG1NPM      | K4NST       | K8ZR        | VA2LC       |
| GM4YMM      | IZ0GVZ      | JA1PUK      | K7EKD       | VK5CE       | <b>1306</b> |
| HB9JNM      | K5GM        | JH1EVD      | R3QX        | W2FCR       | AI2S        |
| IK5LSQ      | KY4G        | K8MRT       | <b>1320</b> | W5WZ        | BH4SYG      |
| IT9IPQ      | ND6S        | N1HO        | JA1FVS      | W8AF        | CT1FJK      |
| JJ2PIK      | S57A        | UA0APV      | JA2DLM      | <b>1313</b> | DJ4PT       |
| KB0EL       | YO3HOT      | W0IJN       | JG3KMT      | AG5CN       | HB9FAX      |
| W4TE        | <b>1332</b> | WR5Y        | K3JM        | JA1DCO      | IK8MRD      |
| <b>1339</b> | DJ6BN       | <b>1326</b> | KB8DRK      | JH2PWM      | N2MEE       |
| HB9PUE      | JG3WJN      | JE7JZT      | W1RG        | K4ZA        | W2FB        |
| IK1NLZ      | JH1HRJ      | N1QAE       | <b>1319</b> | KP3R        | W5UQ        |
| KM5VI       | K4KAL       | NT9F        | 9A6T        | TF8GX       | <b>1305</b> |
| KP4DKE      | K9BO        | W3TC        | DL3ZH       | <b>1312</b> | AA6PI       |
| WA9JOQ      | KA3GWD      | <b>1325</b> | EA1EA       | AD0TR       | K0TV        |
| <b>1338</b> | NA5S        | AF8C        | IZ7EVZ      | N0ACH       | SP3FYX      |
| HA7GN       | W8PAT       | JH6IMI      | RN5AA       | N4GBK       | WD0EVR      |
| K5MO        | <b>1331</b> | SM1NJC      | VE7VV       | NC7B        | <b>1304</b> |
| KD4OS       | AC0B        | SM5AKS      | ZS2I        | NS7K        | 4Z5GV       |
| SM2HWG      | G4DDL       | W3NRJ       | <b>1318</b> | W4PV        | DL5JS       |
| WE8L        | HB9TKB      | <b>1324</b> | K0HQW       | <b>1311</b> | IZ8DEO      |
| <b>1337</b> | JA3KWZ      | HI8CJ       | <b>1317</b> | I4UUL       | JA3DAY      |
| IK0CNA      | JL1BTJ      | J11PJ       | EA1KE       | VA7XX       | KI3O        |
| IW1PUR      | RA3SD       | KI7M        | JH1CTV      | W2GR        | WG0G        |
| K6DJ        | RW4WD       | NA5YO       | K7WK        | W4HM        | YB0MZI      |
| OH1ECQ      | WZ4RC       | SM7BHM      | KD1AB       | W6DVS       | <b>1310</b> |
| W1WV        | YB0AZ       | SP6OUQ      | KR4U        | IK0PRP      | DL1SDH      |
| <b>1336</b> | <b>1330</b> | <b>1323</b> | N1SZ        | JR6GHN      | K0ABC       |
| AB5YI       | DL3ANK      | AK9B        | SM0W        | VA6JV       | K6GFJ       |
|             | EA4S        |             | VE6SV       |             |             |

|   |   |  |  |  |  |
|---|---|--|--|--|--|
| W9RB<br>WX3P  | <b>1295</b><br>G3GAF<br>G4SGX<br>PA3FWV<br>SP6DVP<br>W2NY<br>WB9DLC<br>WR7T   | N0ATQ  | <b>1280</b><br>JA3MNP<br>K5DNL<br>LB2EG<br>NJ0U<br>W7GA                    | JE4WOK<br>K4FDP<br>KB3LIX<br>NA5NN<br>RX3X<br>SM5BFJ   | K4ZNC<br>KB2S<br>NG4C<br>RU3U<br>US5CB   |
| <b>1302</b><br>JE1CSW<br>K2MHE<br>KC2LSD<br>LA5LT<br>N9AVY<br>W5HMK         | <b>1294</b><br>DK3FB<br>K9UWY<br>KN6H<br>NC6RJ<br>PF7M<br>VK3OT<br>W1PY       | <b>1287</b><br>CT3BX<br>DS4DRE<br>EA6AZ<br>JH3GRO<br>KC4AA<br>N0RC | <b>1279</b><br>DJ4JZ<br>JA4VUQ<br>K4GN<br>K9KEU<br>WA2ALY<br>ZS1EL         | <b>1271</b><br>DL7ACN<br>ND6G<br>W5GVP   | <b>1265</b><br>JH8NQV<br>NN9X  |
| <b>1301</b><br>AA4MM<br>M00IA<br>OK2RZ                                      | <b>1293</b><br>IK2WPO<br>JA1XQC<br>JE7BUH<br>SM2YIP<br>YO2LLL                 | <b>1286</b><br>DJ2RB<br>K2DF<br>N5TU<br>W3/NH7C                    | <b>1278</b><br>F5DBT<br>JA7KQC<br>K6LD<br>KC2WUF<br>PA7MM<br>W9OSI<br>WF4W | <b>1270</b><br>DL2AMD<br>I0YR<br>JA6JYM<br>K7MO<br>R3QJ<br>RU3OW<br>WM9Q<br>YB1BML<br>ZP6CW                                | <b>1264</b><br>DL7AA<br>HB9HHH<br>HB9Q<br>IW2BZY<br>JP1EWY<br>K0UU<br>K8CR<br>N5FEE<br>W2EJG<br>WG9L<br>WO4D |
| <b>1300</b><br>9A2GA<br>JE6UWU<br>KJ7NO<br>KO6LU<br>WU4B                    | <b>1292</b><br>N9NM   | <b>1285</b><br>7Z1SJ<br>AC8TO<br>K8LBT<br>KG6B<br>N4ANV<br>W4CMM   | <b>1277</b><br>JS6QOM<br>K5GZR<br>K7EV<br>K7MY<br>N3ER<br>W2HDI            | <b>1269</b><br>RN0C<br>W0ZT  | <b>1263</b><br>HB9FAN<br>JR2HRR<br>R6MO<br>YO2BS   |
| <b>1299</b><br>CT1AUO<br>HB9ECS   | <b>1291</b><br>AE6Y<br>K3GO<br>K9ZG<br>W8FAX<br>W9MAK                         | <b>1284</b><br>JA1TGO<br>K1PTF<br>K5FXB<br>N6DVR<br>Z34K           | <b>1276</b><br>F5TMJ<br>I2LXA<br>NY6C<br>NZ0O<br>WA9IVH<br>WB8RFB          | <b>1268</b><br>EA5XV<br>F1JKJ<br>I8PND<br>K5VG<br>LB2TG<br>PY2XAT<br>ZP9MCE  | <b>1262</b><br>7J1ABD<br>IC8SQS<br>JF1CPH<br>M3DFW<br>NR8Z<br>W0UVC  |
| <b>1298</b><br>CT3BD<br>N2SG<br>N9OF<br>OH1LR<br>UA3GT<br>YB1AYO            | <b>1290</b><br>BG8PA<br>DJ2UU<br>EI3ISB<br>K9JP<br>UA1CGS<br>VR2VAZ<br>WB2UFF | <b>1283</b><br>DM6MA<br>EA1AUO<br>K8DJC<br>W1DXH<br>W2OL           | <b>1275</b><br>JA3UOQ<br>UA4PT<br>ZS5LEE                                   | <b>1267</b><br>DK1KW<br>G3PLP<br>JA4HDO<br>JH0CLK<br>JH8MZF<br>K0GEO<br>K3TRM<br>K4ZMV<br>OK1ADM<br>W2XX<br>W5IO<br>YU1FJK | <b>1261</b><br>IK5BSC<br>K3TLP<br>WB8Y TZ  |
| <b>1297</b><br>AB6L<br>DK3HV<br>JA7JND<br>JA9BEK<br>K9JDP<br>TA2RC<br>UN7TX | <b>1289</b><br>KN9N<br>NN1SS<br>OZ7QB   | <b>1282</b><br>A71EM<br>EA1K<br>JL1IHE<br>JR2BYJ<br>K9MX<br>WW4LL  | <b>1274</b><br>JL4CVG<br>K1BZM<br>W2UB                                     | <b>1266</b><br>GM1BSG<br>K1TU  | <b>1260</b><br>IK2GAJ<br>JE1CPB<br>JK1PEC<br>K8OS<br>K9GY<br>W2NWU<br>WC6Y                                   |
| <b>1296</b><br>CE3EEA<br>JE3OUW<br>OE7SEL<br>PT2ND<br>W3KHQ<br>WX4F         | <b>1288</b><br>HB9FAZ<br>I5SDG<br>K6RC  | <b>1281</b><br>DJ9CW<br>KB5IY<br>KC9G<br>N4WD                      | <b>1272</b><br>EA5GXI<br>HB9DRS  |  | <b>1259</b><br>DF3FJ   |



|  |  |   |   |  |   |
|--|--|---|---|--|---|
| G3HSR<br>JA6ATL<br>JA6SQR<br>K0RAR<br>LA6ZFA<br>OK1MBW<br>UZ1WW              | MU0GSY<br>SM4BNZ   | VA3NXM<br>W0CK<br>W4ARK<br>W4EJG  | <b>1238</b><br>4X1VF<br>DL7BO<br>JA0AVS<br>LZ1XL<br>VR2PX<br>VU2TMP<br>W6PG<br>WA5SOG<br>WC4V | <b>1232</b><br>JE4RAL<br>JS2KWL<br>K3CWF<br>N8NH<br>SM6CGI<br>WB6AXD                         | <b>1226</b><br>DL3BUE<br>EA7AZH<br>HA5FA<br>HB9DLE<br>K1PT<br>PJ4LS |
| <b>1258</b><br>F4CPF<br>JA2CPD<br>JF7RJM                                     | <b>1251</b><br>EA1WX<br>HL4RBR<br>K2GLS<br>NG9J<br>S51AD<br>UA2CZ<br>VE3VV<br>W8LIG<br>XE2AU | <b>1244</b><br>A65BD<br>AA5B<br>AA7X<br>IZ2MHT<br>NN7X                      | <b>1237</b><br>EU4T<br>IZ2USP<br>KC4PX<br>KR0O<br>N8RF<br>PY2AB<br>VA3OKG                     | <b>1231</b><br>G3YSX<br>IK8PGE<br>JA1PLT<br>KJ5Y<br>LB8OH<br>W2FKF<br>W8YV                   | <b>1225</b><br>AK4PR<br>DL6WT                                       |
| <b>1257</b><br>4Z5FL<br>IK8TEM<br>IT9VDQ<br>JA7DOT<br>K1GND<br>S50N<br>S51DV | <b>1250</b><br>AA6XV<br>JH0AKV<br>KB8U<br>KK8X<br>R4FAN<br>SM3CZS<br>WB9ZNZ                  | <b>1243</b><br>F4GTB<br>IK2LOL<br>IZ4ORF<br>JA1IHD<br>K8RCT<br>WA7RLL       | <b>1236</b><br>EI5GM<br>JA1UBZ<br>JA6MWW<br>K4EQ<br>KV7N<br>N8KU<br>OM0AST<br>R2AB            | <b>1230</b><br>DJ4DN<br>JA1QOQ<br>JA4OPW<br>K0ZR<br>KX9X<br>N9QQK<br>SP7MOC<br>W2IZN<br>WA2C | <b>1224</b><br>AB4FH<br>JH4ADF<br>NX4D<br>OK1UU                     |
| <b>1256</b><br>IZ0FYW<br>K1WNT<br>VE3PJ                                      | <b>1249</b><br>JA4CSJ<br>KK6T  | <b>1242</b><br>G6GA<br>JA1AKL<br>JA8DBU<br>JK2VOC<br>W1MRH<br>W4AVY<br>WA8Y | <b>1235</b><br>EW7A<br>JI2EMF<br>K9AAN<br>W6IZT   | <b>1229</b><br>EA1AHA<br>JA1IFD<br>K3PH<br>K4MQ<br>LA7QI<br>N0FCD<br>N7TK<br>W3JXP<br>WA3IIA | <b>1223</b><br>AE9DX<br>EI7JZ<br>JA1CPU<br>JM1CMA<br>K9IA<br>W4DSM  |
| <b>1255</b><br>JG1AID<br>JH1SWD<br>JH4VDP<br>NE5W<br>W3HER                   | <b>1248</b><br>NZ0T<br>SV3RKM<br>W8MRL   | <b>1241</b><br>G6AD<br>JH4CPC<br>JL3JTD<br>K1JX<br>K5NV<br>VE7VZ<br>W1NT    | <b>1234</b><br>IK0OZD<br>JA4MEM<br>JH0LME<br>K4LRX<br>K6RR<br>KD0S<br>W9GM<br>YO3IPR          | <b>1222</b><br>EA7/LA9DL<br>K4NTO<br>K5SES<br>W5RY<br>YO8PS                                  |   |
| <b>1254</b><br>EW1LM<br>KE5MMT<br>TA1PB<br>W2FS<br>WQ5T                      | <b>1247</b><br>AA0FT<br>JF1MUI<br>N6ORB<br>UA6XT   | <b>1240</b><br>AF2D<br>JA1SZN<br>KX6C<br>N6GR<br>W2OSR                      |   |  | <b>1221</b><br>JA1QVR<br>JA3AOP<br>KF8HR<br>PR7AB                   |
| <b>1253</b><br>EA4XT<br>JH8CFZ<br>OH1LAR<br>PY5VC                            | <b>1246</b><br>AB6BT<br>DJ9BX<br>I2XIP<br>N0VD<br>W1ECS<br>WA8EQP                            | <b>1239</b><br>CE3CT<br>DL5MM<br>N7TW<br>N9EAJ<br>SQ8J<br>W4MPY             | <b>1233</b><br>DL4HRM<br>JH0LQD<br>JR3MTO<br>KA9UVY<br>KC9WPS<br>SA3CAT                       |  | <b>1220</b><br>HA3OU<br>JG1IIF<br>KJ9B<br>OH2TA<br>WA1HEW<br>ZL3NB  |
| <b>1252</b><br>AB9KZ<br>K0KO<br>K2RNY<br>KB4KBS<br>LU5FCI                    | <b>1245</b><br>9J2BS<br>K2SZ<br>K6EI<br>KH6XT<br>KQ5U<br>N7RP                                |   |   | <b>1227</b><br>JA9EEH<br>KF5WCP<br>OH2ID<br>WA0BZA   | <b>1219</b><br>CU3HN<br>KD3UY<br>KQ9J<br>WA4TMJ                     |

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|--|--|--|---|--|---|
| <b>1218</b><br>AD6DK<br>AD7XG<br>JE6AVT<br>K4VZ  | W0MAN<br>W1UU  | <b>1203</b><br>JF7DZA<br>JH8DBJ<br>KA7CVJ<br>N4WMB<br>ON4AGX<br>SP1NEN<br>W9JOE                                | PU2POP<br>SP9IZV  | IW1CAB<br>JF2QNM<br>KI0KN<br>LU5OM<br>NC6K<br>OH2BC                          | JA9LSZ<br>K0XM<br>N5YY<br>N6KJ  |
| <b>1217</b><br>EA5IAG<br>VK7ZE<br>W0VD<br>YB0EIN   | <b>1211</b><br>I4FTU<br>IZ3KNK<br>K3XC<br>OH3KAV<br>WX0Y           | <b>1202</b><br>IK2ULM<br>IW4EII<br>JE7LHT<br>K2RSK<br>N8WD<br>WP4CQ  | <b>1197</b><br>DS4DBF<br>HB9ACC<br>K4GM<br>K4OP<br>N4TZ<br>NW6V<br>RU0A<br>W4BH<br>W4IDX                            | <b>1191</b><br>DL8OK<br>LU9DO<br>NZ3M<br>OZ9GA<br>W0SA<br>W7VP               | <b>1184</b><br>DL6ZBN<br>HA8FW<br>JA7MNF<br>JH8BOE<br>K4JGR<br>K7YZO<br>LU2DX                                   |
| <b>1216</b><br>DF2QC<br>HI3R<br>LA6FI<br>N2WM<br>WB9B<br>WF4B  | <b>1210</b><br>G0FWX<br>JA4ONP<br>JL4BSE<br>LA1CO<br>N6XG          | <b>1201</b><br>5P5Q<br>HL5YI<br>IS0/YO3RA<br>JR6PGB<br>KV8P<br>PW7T<br>W4GH<br>W6CN<br>W7CQQ<br>W7RN<br>WA4YYM | <b>1196</b><br>DL1ECG<br>EW3CW<br>GM5YTT<br>JA6WIF<br>JE2RBK<br>JK1BIB<br>W3ATV<br>W4CIR<br>W8QXR<br>WA8IQF<br>WB4M | <b>1190</b><br>DD1JN<br>HL2FDW<br>IV3BBR<br>K8ESQ<br>VE3GYL<br>W1BYH<br>YT7T | <b>1183</b><br>F8AMV<br>IS0EBO<br>K4RP<br>N0LD<br>N2RD<br>N8WXQ<br>VE3VGI<br>W7LEA<br>W9FXA<br>WA9MAG<br>YO9FLD |
| <b>1215</b><br>CT3DZ<br>JA1JMF<br>NY7T<br>W1MO   | <b>1209</b><br>DF7GG<br>EA5BD<br>N5OP<br>N6MA<br>OK2FB             | <b>1200</b><br>AB5GU<br>DD0VU<br>GM4KHE<br>JH6RTO<br>N6DW<br>ND0C/QRP<br>OH5XB<br>ON6MX                        | <b>1195</b><br>JA7FSB<br>KE2M<br>LA8PDA<br>UN8GA<br>W2ZQ  | <b>1189</b><br>AA9AA<br>AF3K<br>G4YCS<br>K8TS                                | <b>1182</b><br>HB9EBM<br>KI5T<br>N5KUC<br>WA3WNT<br>WM5H  |
| <b>1214</b><br>EA4EJP<br>JA0BES<br>JL1JVT<br>K6VVA<br>K7HV<br>N5RZ<br>WB9IWN                           | <b>1207</b><br>DJ3CQ<br>JJ1REU<br>JL1MWI<br>K1QN<br>NS4F<br>WB8EKG | <b>1199</b><br>EI9E<br>JA0TEA<br>KF3N<br>N2ZL<br>N3RR<br>N9XG<br>WE2K  | <b>1194</b><br>DF5DH<br>K2RKJ<br>N6VI<br>N8DC<br>R2ARR<br>R5AA<br>W9KB  | <b>1188</b><br>JG6CDH<br>K9XR<br>KO1H<br>N3HYB<br>RW5CW<br>SP3UY             | <b>1181</b><br>EA6BB<br>HR5/F2JD<br>K4RMM<br>K9BQL<br>KD4EE<br>N9IXD<br>SM0BSO<br>W4NF<br>W5XU                  |
| <b>1213</b><br>AA5H<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>1198</b><br>IW0AGX<br>JI1FXS<br>KA5VFU  | <b>1193</b><br>DL9SAD<br>EA5FCW<br>IK5IFH<br>K7QA<br>WB3AVD   | <b>1187</b><br>G3EKJ<br>JF1QQK<br>KL7NW<br>SP2DW                             | <b>1180</b><br>G8APB<br>IK6DEN<br>JA2QPY<br>JR1KBJ<br>K0AFN<br>K2SG<br>KD9ZR                                    |
| <b>1212</b><br>AA2IL<br>DJ0AH<br>F5VML<br>JO1QNO<br>UU2JQ  | <b>1204</b><br>G3CWW<br>JA0GZZ<br>JR4PMX<br>SP6MAA<br>ZS6RJ        |  | <b>1192</b><br>AJ4HW<br>DJ0IF   | <b>1185</b><br>AB1QB<br>JA1EYN   |   |

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|--|--|---|--|---|--|
| N5EKO<br>N5WNG<br>WO3Z   | JA2AYH<br>K6AWR<br>N4LSJ<br>N9AZZ<br>W4SKW<br>WE9A                             | <b>1168</b><br>IK4RQJ<br>NE1RD<br>NT5O<br>ZS6NK   | UN2G<br>W7BJN  | PH7A  | <b>1149</b><br>AC9A<br>IT9DDS<br>N8AID<br>SP5AMN<br>SP5NON<br>WB2AA  |
| <b>1179</b><br>EA2RY<br>IU4CHE<br>JA2HIJ<br>JR6LDE<br>N2TC<br>UA3NFI<br>UA6FZ<br>W4GHW     | <b>1173</b><br>DJ3GW<br>DJ3XD<br>JA6CM<br>JF1KIG<br>VE3FAC<br>VU2DED           | <b>1167</b><br>9A4BL<br>I1FBJ<br>IK2GAO<br>K1RM<br>K4CSB<br>NA4CW   | <b>1160</b><br>AG5Z<br>DM1DK<br>F1OBJ<br>F6FFR<br>K0FD<br>KB8ZUN<br>VE2NGH   | <b>1155</b><br>AC0DQ<br>K6ASK<br>K7JY<br>N2CJ<br>SP7ASZ<br>W4RS<br>WA1NLG                 | <b>1148</b><br>JI1DCW<br>OM2AGN<br>WB4KTC  |
| <b>1178</b><br>4F3BZ<br>AA9WO<br>AC6T<br>IK6IJF<br>K1IB<br>KT5V<br>NC7M<br>NR0Q<br>WA6QGH  | <b>1172</b><br>DJ9FK<br>EI8KN<br>JA4BUA<br>KB7QFE<br>W1FZ<br>W2FDJ<br>W4HVV    | <b>1166</b><br>DJ6TK<br>F8EZE<br>W5CWQ  | <b>1159</b><br>JF3VEC<br>M0MVCV<br>N6TV<br>NT6AA<br>RA3LAL<br>S51DD  | <b>1154</b><br>I0KRP<br>JH0IEW<br>JN3ONX<br>K5CKS<br>K9UO<br>NC1M<br>UA9OR<br>WB9WHQ      | <b>1147</b><br>DL4DW<br>IZ1JIZ<br>JG1WNO<br>K0JJR<br>K0UBR<br>K4ZXV<br>K5WQG<br>KA5SYP<br>N0AB<br>SV7CUD<br>UX7VA<br>W1RCR |
| <b>1177</b><br>JH1EIG<br>N0SL<br>WO5D  | <b>1171</b><br>6K5AQY<br>DG5DBT<br>JA1DIO<br>KA3S<br>W4ASE<br>WU7X<br>ZL2LW    | <b>1165</b><br>CT7AKW<br>JT1CS<br>K0HB<br>PA5CW<br>W4DFU  | <b>1158</b><br>DD9WG<br>JA2AXB<br>JA3AAW<br>JA3VUI<br>JH1BUO<br>JI1SVY<br>JJ1IRS<br>K1YT<br>K6SY<br>W6IS<br>WA7YAZ             | <b>1153</b><br>EA1WH<br>IT9YOZ<br>IZ0LNP<br>JA1ILA<br>KD8FO<br>N1FOJ<br>VA3YP             | <b>1146</b><br>DF3VG<br>LA3DV<br>NG3J<br>ON7LX<br>R0SR<br>W3KN<br>WA7AVL   |
| <b>1176</b><br>CT1DIZ<br>DL0IV<br>IK2WSO<br>IZ3XEF<br>JA4DEY<br>OZ1DSD<br>VE7ON<br>W9LQI   | <b>1170</b><br>IW2CAM<br>K3SW<br>KB9S<br>KK5J<br>LZ1CY<br>N2YF<br>PA2R<br>WN0L | <b>1164</b><br>JA2CKK<br>JR1FHP<br>OZ9U   | <b>1157</b><br>A71XX<br>DH5JG<br>DK1AX<br>F5VMN<br>JA5CDL<br>JA7GDU<br>K6OJ<br>K6VHF<br>KS8W<br>N7NW<br>WD1M<br>WU2G<br>ZL3REX | <b>1152</b><br>GM0NAI<br>IK0FUR<br>IK5ZAJ<br>JA8NSF<br>KP4JRS<br>KP4P<br>VK4BUI<br>WA8NLX | <b>1145</b><br>DH5MM<br>JA5BZL<br>K4HEB<br>K9QA<br>KN8F<br>YU1JF   |
| <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>K6UIP<br>N3PV<br>N7FF<br>N8IK<br>NI8Z<br>VE3NJC<br>W9FF<br>YO4NA | <b>1156</b><br>F6BLP<br>K1VSJ<br>K3WJV<br>KM8V   | <b>1151</b><br>JH1AWJ<br>KA5M<br>N5CR   | <b>1144</b><br>EA5DKU<br>F6IMB<br>JA3RAZ<br>JE2FJI<br>JR1KAG<br>K0KV<br>NA7RH<br>OH3DP                                     |
| <b>1174</b><br>IK6CAC  |  | <b>1161</b><br>AA4OC<br>N7GVV   |  |   |  |

|   |  |   |   |  |  |
|---|--|---|---|--|--|
| OH7LZB<br>W8GU  | W4ATM  | <b>1131</b><br>IZ5GST<br>SV1IZY<br>YO5OEF   | W4KVS<br>W5HY   | <b>1120</b><br>JH1LZU<br>W0UY<br>W1RZF   | <b>1114</b><br>4F1OZ<br>JA0HXV<br>JA4DLF<br>KA4H<br>KE1IU<br>KK4BZ   |
| <b>1143</b><br>EA5BZS<br>ER1LW<br>N6TR<br>R8IA<br>TF2LL<br>UA9AEU<br>W6MYN    | <b>1137</b><br>K7VL<br>KZ2R<br>NN5G<br>RA0LQ   | <b>1130</b><br>F6FNA<br>IK2CMN<br>IK6CGO<br>K3RWN<br>KG2GL<br>KJ6MBW<br>NR5R<br>W3XX<br>W4CC<br>W8TOM<br>WS7I                   | <b>1125</b><br>7N2JZT<br>F8GB<br>I2DJX<br>JA5ICH<br>JH1BHW<br>JP1GVC<br>JR1FCS<br>N2IC<br>NZ7Q<br>SK5PZ<br>W6LZ | <b>1119</b><br>AB4H<br>HC1HC<br>OH8JK<br>SP6BXZ<br>W4AFB<br>WN1M   | <b>1113</b><br>DK4MX<br>DU1KT<br>JA7PPK<br>LU1HLH<br>N8JS<br>NT9E<br>PA0QRB<br>UA4CX<br>W4PJW<br>W5TUF<br>WF7B             |
| <b>1142</b><br>JH1HGI<br>JH9OSX<br>KS4WA<br>OH2DW<br>VU2NXM<br>W1ES<br>WA5YOM | <b>1136</b><br>AD4EB<br>CP6XE<br>JO1ABS<br>K8CC<br>LZ1MDU<br>N1RM<br>RN3A<br>SP5ZCC<br>VR2IL<br>WB9MSM | <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 | <b>1124</b><br>EA8TZ<br>K0MP<br>N1AAM<br>VE7NY<br>W1ATV<br>W6AYC<br>W8WRP<br>WB4PWZ                             | <b>1118</b><br>DL1MAJ<br>JA1CC<br>JM3XZC<br>JR0GXA<br>N1DC<br>N4VAN<br>W0ZX  | <b>1112</b><br>DL6DH<br>JL7BRH<br>JM7TKK<br>K4SBZ<br>KN4FO<br>N6RVI<br>W5SG  |
| <b>1141</b><br>JA1SHC<br>JA7MWC<br>KZ1X<br>OM3CND<br>WA1LAD                   | <b>1135</b><br>DJ3ZF<br>EA7LL<br>HB9FUX<br>HC1HN<br>JA8KAW<br>N2WN<br>RN7G<br>VA2MM<br>WA3YZD          | <b>1128</b><br>AK4AO<br>DS5JMG<br>JG8NKJ<br>K7KJ<br>KB8DID<br>NR5O<br>W4MC  | <b>1123</b><br>AC7ZG<br>G4VWI<br>I1LGR<br>JE2SOY<br>K4VAC<br>PY2FZ<br>W9AP                                      | <b>1117</b><br>AA2WC<br>AB9YC<br>N5JEY   | <b>1111</b><br>K0MLD<br>K2IE<br>W4CZ   |
| <b>1140</b><br>DL1DH<br>HB9TJG<br>JH8FIH<br>K1BG<br>N9RE<br>NW8U<br>WQ5C      | <b>1134</b><br>IK0UUM<br>JF2ERJ<br>K4ODL<br>KO1I<br>N3GS<br>VE3KKB<br>W7VV<br>W9HZ                     | <b>1122</b><br>DD0ZN<br>E20YLM<br>JG7AMD<br>K3HPA<br>KI0HA<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>1110</b><br>DL1CF<br>JA4GCF<br>JR1KEI<br>NB2P<br>PT7NK  | <b>1115</b><br>EI4HH<br>HK3VHZ<br>IZ5BYJ<br>JE1COB<br>KD3TB<br>KG6WIK<br>KI6MQX<br>KJ2U<br>LA7MFA<br>PY5JO<br>WJ1B<br>WO6T |
| <b>1139</b><br>AI4QQ<br>JP7SOZ<br>K9YZ<br>LA9L<br>SP9PRO<br>W5MJ<br>WA9LEY    | <b>1133</b><br>AD4RE<br>SV3EXP<br>W4GHD<br>WA4AFE  | <b>1127</b><br>DL7LX<br>DS3EXT<br>G3YFE<br>N9ATF<br>VE9VIC  | <b>1121</b><br>IK0XKP<br>KI2Y<br>KR4DA<br>OG1R<br>YO9FFX  | <b>1115</b><br>EI4HH<br>HK3VHZ<br>IZ5BYJ<br>JE1COB<br>KD3TB<br>KG6WIK<br>KI6MQX<br>KJ2U<br>LA7MFA<br>PY5JO<br>WJ1B<br>WO6T | <b>1110</b><br>DL1CF<br>JA4GCF<br>JR1KEI<br>NB2P<br>PT7NK  |
| <b>1138</b><br>EA1IO<br>I8DPP<br>K8POM<br>LA4RT<br>N3YZ<br>N5UM               | <b>1132</b><br>JH1GNU<br>KK4MA<br>N2WPT<br>UA9JLL  | <b>1126</b><br>JR1HYA<br>KO6UW<br>N2BSA   |   |  | <b>1109</b><br>K3FT<br>NS0Q<br>RT2O<br>RW6MBC<br>W9LU  |
|   |  |   |   |  | <b>1108</b><br>AB7RW<br>AC8L<br>AD4XV  |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| AJ4IM       | NM4SH       | <b>1098</b> | EA3CWK      | MM1PTT      | <b>1082</b> |
| DL3NM       | RN3TT       | CT1EGW      | EI6AL       |             | 4Z4OQ       |
| W3UTD       | SM6TKG      | DJ3EJ       | I0BJV       | <b>1087</b> | CP6UA       |
|             |             | E72AD       | KD2BS       | JA1GFD      | JE1WBA      |
| <b>1107</b> | <b>1102</b> | IZ2CSX      | SV1JSN      | JA3DBD      | JE2DJC      |
| DK2GP       | DS4CNB      | K2UT        |             | K4AEN       | K4FK        |
| EA1AA       | F8DZY       | K4OTV       | <b>1092</b> | KA1BQP      | KD8MQY      |
| JF3AHI      | K3NW        | K5YAA       | DJ2TG       | KI4YY       | LA7NO       |
| K6IRA       | PA5O        | KA8YYZ      | G0UII       | N3NO        | N4QK        |
| KE3ZT       | VK4OQ       | N2MFT       | KD2OV       | N7LAN       | OR4K        |
| N4KEB       |             | PA1MVL      | KS4Q        | NK4R        | UA4HAD      |
| VE7ACN      | <b>1101</b> | SP8MVC      | ON4VT       | SM3DTR      | UA4HDB      |
|             | AB5RM       | SV4FFL      |             |             | W6MVW       |
| <b>1106</b> | IT9RDG      |             | <b>1091</b> | <b>1086</b> | W9BWR       |
| G3PMR       | IZ3DBA      | <b>1097</b> | G3XVF       | AA4QE       | W9GFB       |
| K0KM        | IZ6ELF      | AD6KQ       | JA4XHF      | ER2RM       | WB8YJF      |
| K2UF        | JH1URT      | AG8L        | JA7LMU      | JA8DRK      |             |
| K7IA        | LU7HN       | JE3CYW      | JH6JMN      | JG1EIQ      | <b>1081</b> |
| K8CJY       | N2SU        | JH7XPW      | K4YL        | KE9UA       | HB9HFM      |
| KL7KK       | NO2C        | K0YY        | W1MI        | LZ2TWY      | K0FG        |
| LA9KY       | W1XK        | K5TDA       |             | RA3FY       | K8FB        |
| PA2TMS      |             | N1UZ        | <b>1090</b> | W4JDS       | KM4CQG      |
| RT0Q        | <b>1100</b> | N9EN        | AA2VG       | W7WRJ       | MM0BQI      |
| VE3EDY      | DL1DCT      | R3LO        | CT3FN       |             | NZ6N        |
| W0QD        | I0ZUT       |             | DJ6HR       | <b>1085</b> | SM5CCT      |
|             | IK1ZNM      | <b>1096</b> | DU1IVT      | AI7W        | W7JWM       |
| <b>1105</b> | IK8IPL      | AD9DX       | EI6JK       | LA2LI       | WW1WW       |
| AJ6V        | IV3IYH      | JA0EBV      | K3IXD       | N8PE        |             |
| DJ3AK       | JA3KKE      | K4CA        | K4WJ        | NN8L        | <b>1080</b> |
| IK7MXB      | K4IJQ       | RG7G        | KM4GZI      | TA3J        | EI9CN       |
| IV3NVB      | K7PTC       | WW5L        | UN6TA       | W4OWY       | HB9FBA      |
| IW7DHC      | KG8V        | XE1RCS      |             | WA9IVU      | JK3NSD      |
| JN1RFY      | KH6DX       |             | <b>1089</b> | WB0RUR      | K6EV        |
| LB8CA       | N4DE        | <b>1095</b> | AC6ZM       |             | KG7CW       |
| UN7ED       | SV1HAK      | A35RK       | IK4SBR      | <b>1084</b> | N6JM        |
| VR2ZXP      | VO1NA       | HA1AC       | JA8AWR      | DO4DXA      | NR2D        |
| W9VA        | W3MRL       | K3UW        | J12UDK      | IZ4IRO      | W7PC        |
| WB5TOI      | WA5YNB      | TA2AD       | JM1GAW      | K3DQB       |             |
|             | XE3E        | W0QL        | JR1QLM      | KB4FB       | <b>1079</b> |
| <b>1104</b> | YO8DHA      | W9KX        | KK4TKJ      | KJ7WY       | AD7KG       |
| K7MH        |             |             | N9AI        | KO9V        | IC8TEM      |
| N7EO        | <b>1099</b> | <b>1094</b> | UR6QA       | KX4I        | IK6IHN      |
| OZ6TL       | F5VHJ       | 8P6ET       | W2GGY       | VE2OWL      | JL3RNZ      |
| TF1A        | IK8WCA      | IZ0HTW      | W3MS        | VE3SMA      | KV2S        |
| W0HBK       | IZ7GIT      | KC2NJ       | W7KKC       | W5QZ        | LU7DW       |
| W9BB        | JH1FRW      | LU1FM       |             | W9MDB       | N5MI        |
|             | K2GW        | N5RP        | <b>1088</b> |             | VA1SEA      |
| <b>1103</b> | KK4ODQ      | W0CO        | EA7OH       | <b>1083</b> | XE2W        |
| AK1P        | LA3SG       | W0YBS       | G0HSA       | DL1ASA      |             |
| DJ5KL       | N0RQ        | YO8OY       | JA1DJO      | DL9ABM      | <b>1078</b> |
| IK5XLB      | PF1MO       |             | K0OB        | HG6IA       | DL4KUG      |
| IK6WEZ      |             | <b>1093</b> | K4AVU       | K0TI        | EI4DQ       |
| JL1QDO      |             | DK1MM       | KS4L        | UX7IN       | JA2SEQ      |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| SM7CZL      | K2TA        | LU4DXU      | <b>1061</b> | OH2BUA      | SV2SIF      |
| YB1IQE      | NE3K        | N9JF        | EI6GF       | ZS4JAN      | W4IEE       |
| <b>1077</b> | RA6WF       | SM5AFU      | F8DQL       | <b>1055</b> | W8RHM       |
| JA2HOL      | W1DDD       | W1TYQ       | G0MMI       | I8NLC       | <b>1049</b> |
| JA8BZL      | <b>1072</b> | W4MBD       | JH0NBN      | JG1GJH      | AA3R        |
| JF1CZQ      | DL3NCR      | W8WV        | KA4LBD      | LA4URA      | K5UN        |
| K4BBH       | IZ8BRI      | <b>1066</b> | LA9SN       | UU5WW       | N3COB       |
| K5MMH       | JH3LIB      | AC7JM       | NF4J        | WD4NGB      | PY2BT       |
| K7BWC       | LZ1JZ       | IT9RWB      | <b>1060</b> | <b>1054</b> | W3EP*       |
| N6ER        | RV3DB       | K1TO        | EI9HX       | EA4OR       | WV1X        |
| W1JFK       | W5PD        | OK1DO       | G4GEE       | JA0CRG      | YO8WW       |
| W1USN       | ZS2ACP      | ON6LY       | IK4PKL      | JA4EI       | <b>1048</b> |
| W4WNT       | <b>1071</b> | W3ZQI       | IZ1EPM      | K8BB        | EI8IQ       |
| W7IMU       | DL1AN       | <b>1065</b> | W5IP        | KB3KJ       | G8CRB       |
| WD4EGF      | KJ4FZ       | DL1ZBO      | W9IM        | N4NM        | IZ1POF      |
| YS1RS       | KX5U        | EA4BHK      | <b>1059</b> | WA1F        | JK2XJE      |
| <b>1076</b> | LA2RZ       | IK4GRF      | DL0UM       | <b>1053</b> | KH6CQH/W7   |
| AG4TO       | M0VCB       | K8YFM       | K5AX        | 7N3IJT      | N1GFV       |
| HA2ESM      | ND9M        | N4DJT       | KI0G        | EI5GSB      | SM7GXR      |
| JK7IKU      | NK9O        | N4UW        | LA1FH       | K6OHM       | W4ZV        |
| KB5CSQ      | VK3MB       | NJ1Q        | R2OB        | KY6AA       | <b>1047</b> |
| OZ3ABU      | WI4R        | NK9R        | SV1PIZ      | V47JA       | DM2DXG      |
| W1ZZ        | <b>1070</b> | W4MOT       | YL2CB       | <b>1052</b> | K0GVT       |
| <b>1075</b> | JA7GZM      | <b>1064</b> | <b>1058</b> | IC8XIL      | K3ZK        |
| AC4CA       | N3PPH       | DS5WQT      | 9A5MI       | IK2QPO      | KD5RBU      |
| DL5SDB      | NJ9C        | ES2BL       | JA2BL       | IK2RLS      | KF6E        |
| JA5XWB      | OZ7BQ       | IK1AAS      | JF2RSF      | K9WMS       | LA2RR       |
| JJ2SEE      | <b>1069</b> | JA1DHY      | K0WK        | KC4EZN      | M0PCB       |
| K1TN        | N0HJZ       | N6XI        | K8TE        | N4IDH       | N4UC        |
| N7NF        | SM3OMO      | NI0K        | N6JOJ       | W3PT        | N6IBP       |
| NN4DF       | UA9UX       | VK2DAG      | SP5UFX      | YB2BOB      | OH2ECG      |
| PA5KT       | W4GV        | WU8T        | SP6FXY      | <b>1051</b> | V31MD       |
| WB9W        | W4HPW       | <b>1063</b> | SP6QM       | AK0MR       | VE3GFN      |
| YB2IQ       | YU1NR       | JF7PHE      | V31CQ       | EI4GNB      | WA4WR       |
| <b>1074</b> | <b>1068</b> | KB3MXK      | W6QO        | G3VXJ       | <b>1046</b> |
| JA5ALE      | BW2/JP1RIW  | NR3Z        | W6RA        | K9JJR       | AB4EJ       |
| JE0EHE      | CP4BT       | VE6PL       | WM4D        | K9NS        | DL2MWB      |
| KC2ATK      | JA3EGE      | W5CJF       | <b>1057</b> | KB0FHP      | JN7DIY      |
| M0IFT       | KB8NTY      | WN9Q        | JA5IBP      | <b>1050</b> | KU4GC       |
| N7PIB       | N1BKB       | <b>1062</b> | LA2XNA      | JA1JYS      | N8JK        |
| W1WN        | N5DI        | JH3MHI      | OL1HQ       | JI1SAI      | R6AZ        |
| W8EOG       | UA0LDW      | W1WEF       | W5MT        | JR2BNF      | W4ALF       |
| WA4VJK      | <b>1067</b> | W4BR        | W6PH        | K0MB        | W6INO       |
| WB6RAB      | JA7EU       | W4KCM       | <b>1056</b> | K0SON       | <b>1045</b> |
| <b>1073</b> | K9WZB       | W7SYK       | K0GK        | KX2B        | IZ1UKF      |
| G3VSQ       | KC3D        | W8ZR        | KC4LZN      | NJ4V        | JA1JQM      |
| JA1UWB      | KS0T        | <b>1055</b> | N0PFE       | NO3U        | N1GNB       |
| JF2UEE      |             |             | N5JC        |             | WB8TGY      |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>1044</b><br>DL1TPY<br>HA8UT<br>K4ZW<br>M0AQM<br>UA3EAY<br>W2BCC<br>WD5IYT  | 9A3QO<br>CT7ABD<br>JK1NPH<br>K9IO<br>KX5M<br>NF8J<br>NQ4A<br>PT2BW<br>W6KAP  | <b>1034</b><br>DL2DCX<br>K9AAA<br>LZ1PM<br>WA1HXXH  | KH2X<br>NH6L<br>OH8NW<br>VE3ZN<br>W2GHD<br>W2LPL<br>W6HB   | YV6BTF   | <b>1020</b><br>E70X<br>JE0HUR<br>JH3FCF<br>K2KNB<br>K2WR<br>K4BNF<br>KE7BMG<br>LA4EI<br>S53X<br>VE2ACP<br>W2PD<br>WA8JBG |
| <b>1043</b><br>DF1TJ<br>G4WGE<br>HL1XP<br>JA1HQG<br>JH4EIY<br>K1GW<br>K1XH<br>KC3AK<br>N6ZM<br>NT4K<br>SK6QA<br>VK4CC | <b>1038</b><br>KT1V<br>R3QF<br>VA1CHP<br>VU2SWS<br>W0ZA<br>W1HQ<br>W7GSV<br>YE1AR  | <b>1033</b><br>AA2T<br>AE0MO<br>AE4WG<br>EI2II<br>JA1VDJ<br>JR4DHK<br>K4FW<br>KC4ES<br>KU4A<br>M0RTP<br>W9COS | <b>1028</b><br>EI2FG<br>EI8JX<br>IK1RKN<br>K5WE<br>K6GCN<br>N2CR<br>W4SW<br>WA6APQ<br>WB9TFH<br>YB3OSE<br>ZS6X | JA2LMY<br>JI5RPT<br>JP1QDH<br>K6PBF<br>N4GOA<br>N9GKE<br>W3OP  | <b>1019</b><br>DK6BT<br>G3AKU<br>G3WKL<br>I8DKR<br>JE6PJP<br>JH8UGL<br>JJ0PJD<br>JL2ULM<br>KB1AWM<br>NX3A<br>P40P        |
| <b>1042</b><br>AA6IO<br>AB4ZT<br>AG2J<br>JA9LX<br>K1ETA<br>S52R<br>W7BC<br>YL/RG5A                                    | <b>1037</b><br>IK5SRF<br>JA1MOH<br>JA7JAA<br>N4CO<br>NE6V<br>W4GKR<br>YU1LD  | <b>1032</b><br>9A1A<br>G4DYA<br>IK3XJP<br>KB3IFH<br>LA8ZAA<br>W0NBC   | <b>1027</b><br>4K9W<br>DJ9HQ<br>KG4VPC<br>KK7L<br>LZ1QN<br>NT5EE<br>W5AAJ<br>W5XG<br>WD4OHD                    | <b>1023</b><br>4X1EL<br>AC2RL<br>F6FFA<br>IN3TWX<br>IU4AZC<br>JA1MZM<br>JA1QDB<br>JE4KCN<br>KI6PG<br>N7YQ<br>RA3T<br>WI9WI<br>WU1U | <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>1041</b><br>A92BE<br>IU8GNY<br>JG2NLN<br>N7WR  | <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>K1JE<br>NX7K<br>OZ1NF<br>WQ9N                           | <b>1026</b><br>AA3I<br>DS2GOO<br>JA5OP<br>KA5OWI<br>N3DV<br>UA4Q<br>UX4UM<br>VE2WY<br>W2WGK<br>W6WRT<br>WX4W   | <b>1022</b><br>EW3MM<br>G4CWD<br>I0LTX<br>K4BYN<br>KF1P<br>N9AVC<br>W6OZI  | <b>1017</b><br>IZ0COI<br>JA1GLE<br>JA3ALY<br>K6VWE<br>KT6AA<br>N2GM<br>RA3AOS  |
| <b>1040</b><br>8P5A<br>AA0BH<br>AE4VJ<br>DK4SR<br>K0ARM<br>K4LCP<br>M0NGN<br>NC8I<br>UT4ZX<br>W2RDS                   | <b>1035</b><br>IU8LMC<br>IV3DXW<br>JA8DIV<br>JE1TNL<br>K4TMG<br>KA9JCP<br>KR0I<br>NC4RY<br>RI1FJ<br>W1CDC<br>W3TA<br>W6VIO | <b>1030</b><br>JA6COW<br>K6VVK<br>K7WA<br>LA6VQ<br>N6MG<br>NU0Q<br>SV1DVX                                     | <b>1025</b><br>AC1O<br>AE5FM<br>DS5BRE<br>G0KRL<br>RL8C<br>RV6ARZ<br>YB9WZJ                                    | <b>1021</b><br>DL1SWN<br>DL7VSN<br>DL9ZAL<br>F5ELL<br>F5TJC<br>JN1RKE<br>K4VX<br>K6SS<br>KC0V<br>NA9L<br>OH6JKW<br>W2YWC<br>YB2BNN | <b>1016</b><br>DS4AKP<br>EW4DX<br>F4GDI  |
| <b>1039</b><br>3W3B   |  | <b>1029</b><br>CQ0ODX<br>DL6SAK<br>DL7UCX<br>IK7XNA<br>IZ6IOC<br>JR3RIU                                       |  |  |  |

|             |             |             |             |             |        |
|-------------|-------------|-------------|-------------|-------------|--------|
| HB9DPO      | <b>1011</b> | WX2K        | <b>1004</b> | N4WOT       | E25KAE |
| K2KQ        | JA1PLL      | XE1V        | CX9AU       | N4XC        | EA3AGY |
| K9RZ        | JH4NYG      |             | GM0SCA      | N8KOJ       | EA3HPX |
| N5ZY        | JR3DXJ      | <b>1007</b> | JQ2NBX      | SV3AGT      | EA4EQD |
| W2FDM       | K3OK        | 7Z1CQ       | K0AIZ       | VE8EV       | HB9ARK |
| W2PSU       | N5XUS       | EI4KX       | K4LD        | W6JH        | HB9CAT |
|             | OH1HAQ      | K1UM        | K7UW        | W9CY        | HI3I   |
| <b>1015</b> | W0OVM       | K2TTM       | K8JRM       | WX4B        | HS8KAY |
| JA2QCX      | WW6G        | K4RWP       | K9IJ        | YB1MIG      | IK6TOT |
| K4NI        |             | K5XM        | K9MRD       |             | IK8NIM |
| KB1OIQ      | <b>1010</b> | KA2F        | KC3RKW      | <b>1001</b> | JA0RWF |
| KI4FSI      | CT1CQK      | KR7RK       | KE4GFE      | DB2WD       | JA1VZO |
| N4NT        | EA9AM       | N3JON       | LU7HF       | DG9NAJ      | JA1WIO |
| N6TW        | HZ1GW       | N8YQX       | N2JT        | DH2ID       | JA2KAK |
| VE3VEE      | JA6CMQ      | RN4AM       | OH2CLX      | EA1BP       | JA9KA  |
| W7CB        | JA6SUJ      | VE3MDX      | S53BB       | HB9GZE      | JE2DOD |
|             | K1QQ        | W9EBO       | VU2AE       | HS8HEX      | JF3KOA |
| <b>1014</b> | K4EZY       | WA0GOZ      | W5EW        | IX1CLD      | JG1EBU |
| DK6CQ       | K7UPJ       | WF5W        | W9KM        | JA1ASO      | JG1TFC |
| DL9QJ       | KA9JAC      | XE1SAX      | WA3KVN      | JA1CCG      | JH4MJO |
| EA9LZ       | KN4WOJ      |             | WE3J        | JA5RVN      | JK8VMB |
| K1NOX       | N2BEG       | <b>1006</b> |             | JN1SUT      | JR3PKO |
| KF0NYM      | WI0E        | DJ9KV       | <b>1003</b> | K1IG        | K0AL   |
| KG5EG       | WQ5N        | G3YBY       | AF4Z        | K3ORC       | K2RAS  |
| NW8F        |             | JK1OTP      | DF5BX       | K6DLB       | K7LOL  |
| PT2CSM      | <b>1009</b> | K5AR        | E29TGW      | KB7AZ       | K9DUR  |
| UT3KW       | 9M8DEN      | KB5WWW      | EU1TT       | KB8YTD      | KA5JSM |
| WB2MKX      | IZ7QSS      | KF5BA       | IK1RLI      | KF0QS       | KA6RWL |
|             | JE4MHL      | N5KDV       | JL1EEI      | KG4URP      | KB3HHA |
| <b>1013</b> | JL1KBS      | NH6Y        | KG5NP       | KO3F        | KB7PKC |
| AF6O        | K4DXA       | OH4KRN      | LA4HC       | LA8IB       | KD0BQS |
| HB9RE       | K5WL        | PV8RR       | N1BRL       | N3AS        | KG4OJT |
| IZ0GKB      | N1XL        | RW4NJ       | NC3O        | N3DD        | KW1X   |
| JK1DDQ      | N2IFA       | W7RJR       | NK2H        | N9ATD       | KZ5D   |
| K5HX        | R3TKM       |             | OK2MDC      | PY2RF       | LA9DL  |
| KA5IAU      | W7SMW       | <b>1005</b> | RA0AM       | VA2KI       | N2YU   |
| N9MSG       | WD9FLI      | DJ3CJ       | W6ELI       | VE3FK       | N4GRC  |
| NA6XX       | WM5DX       | DL8XDA      | WA8COB      | W2/F2YS     | N4LS   |
| PY2YW       |             | FM5FJ       | WB8QZM      | W7GTF       | N4PAJ  |
| R7KW        | <b>1008</b> | GI4SJJ      |             | W9MB        | N8BK   |
| VR2CC       | 9A1CZZ      | JN3XEZ      | <b>1002</b> | WM6Q        | N8YO   |
|             | EI2IP       | JP7WJA      | 7L1UVF      | WV8EDU      | N9APK  |
| <b>1012</b> | HB9MZI      | K5FO        | AE4S        | YL2CP       | N9NFT  |
| HB9WDF      | JG4GZK      | KR9A        | HB9FKK      |             | NA9J   |
| JA1UXV      | K9CHP       | N3EEN       | I0ZYA       | <b>1000</b> | NG4DX  |
| JH1KIM      | KL7XO       | N6MM        | IN3FCK      | AA4IB       | NT4TN  |
| JL1OZI      | RA9SAS      | NJ6K        | JJ1HLL      | AB4BJ       | OH7HM  |
| K7LAY       | SM0DGW      | PA3AIN      | JS1MRA      | AD5ZA       | ON5UJ  |
| RA3AA       | W3GP        | UA9AM       | KB9REV      | AI1W        | PA5X   |
| RD3BZ       | W3LJ        | UT9LC       | KJ7KOJ      | AI6P        | PP6ZZ  |
| UU1JA       | W6LJS       | W6DOE       | KX7L        | AJ6X        | PV8AAS |
| VU2OT       | W9VOB       |             | N1AH        | DB9CR       | RA5C   |
|             | WB5KSD      |             | N2UO        | DL1DV       | RM6LW  |



RT3I  
UA3DUJ  
VA3EJN  
VK7AP  
VU2MB  
W3ENM  
W5GOL  
W7GF  
W8GJK  
WI2E  
YB2TJV  
YO5QAW