

## 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 24 Jul 2026, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

|                               |                               |                                         |                                 |                                 |                                         |
|-------------------------------|-------------------------------|-----------------------------------------|---------------------------------|---------------------------------|-----------------------------------------|
| <b>3304</b><br>EA8AK          | <b>3225</b><br>JR2KDN         | <b>3202</b><br>DJ6RX<br>IK1GPG<br>K8MFO | <b>3185</b><br>JA4DND<br>JH4IFF | <b>3165</b><br>N3XX<br>SP3EPK   | <b>3150</b><br>OH1ND                    |
| <b>3299</b><br>HA0DU          | <b>3223</b><br>N1DG<br>OZ1LO  | <b>3199</b><br>DL4MCF                   | <b>3183</b><br>IK4DRY           | <b>3163</b><br>SM0AJU           | <b>3148</b><br>IZ0AEG                   |
| <b>3265</b><br>SP5EWY         | <b>3222</b><br>DJ9KG          | <b>3198</b><br>F6BKI                    | <b>3181</b><br>SM3GSK           | <b>3161</b><br>CT1EKY<br>HB9BGV | <b>3146</b><br>JE6KYA<br>K4CIA          |
| <b>3264</b><br>LZ2DF          | <b>3221</b><br>IK4WMA<br>PE5T | <b>3197</b><br>EA6SX<br>UX0UN           | <b>3179</b><br>W3LPL<br>WB9Z    | <b>3160</b><br>PY2XB<br>SP3E    | <b>3145</b><br>N0TB<br>UR0MC            |
| <b>3262</b><br>CT1EEB         | <b>3215</b><br>KJ9I           | <b>3193</b><br>K5UR                     | <b>3176</b><br>JA4LKB<br>SV8CS  | <b>3159</b><br>OE3GCU<br>OH1MA  | <b>3144</b><br>GM3YTS<br>N4CC           |
| <b>3258</b><br>UT7QF          | <b>3214</b><br>I4AVG          | <b>3192</b><br>OH1XX<br>W3UR            | <b>3174</b><br>IK8HJC<br>OG2M   | <b>3158</b><br>JR3IIR<br>PA3FQA | <b>3143</b><br>I2AOX<br>K2TQC           |
| <b>3255</b><br>4X4DK          | <b>3213</b><br>YU1FW          | <b>3191</b><br>W1NG                     | <b>3173</b><br>SM6CVX           | <b>3157</b><br>9A2AA            | <b>3142</b><br>EY8MM<br>I5NPH<br>NJ6P   |
| <b>3251</b><br>S50A           | <b>3212</b><br>UT5UGR         | <b>3189</b><br>CT1APE                   | <b>3171</b><br>JH4UYB<br>S58T   | <b>3156</b><br>9A7V<br>JA3FYC   | <b>3139</b><br>SM3EVR                   |
| <b>3250</b><br>JA1BK          | <b>3209</b><br>G4BWP<br>N4WW  | <b>3188</b><br>K5RK<br>OE6IMD           | <b>3170</b><br>NN4T             | <b>3155</b><br>SV1FJA           | <b>3138</b><br>DJ2BW*<br>N8DX<br>OZ1BTE |
| <b>3249</b><br>DF3CB          | <b>3206</b><br>G0JHC          | <b>3187</b><br>W1JR                     | <b>3167</b><br>K5NA*            | <b>3154</b><br>DL7VEE           | <b>3135</b><br>VE3EJ<br>WD5COV          |
| <b>3239</b><br>I4EAT*         | <b>3204</b><br>IK4MGP<br>W4DR | <b>3186</b><br>I4EWH<br>W9ZR            | <b>3166</b><br>JA5EXW           | <b>3152</b><br>G3KMA<br>JA5AUC  |                                         |
| <b>3230</b><br>K4PI           | <b>3203</b><br>GM3POI         |                                         |                                 |                                 |                                         |
| <b>3229</b><br>OH2BU<br>OH3SR |                               |                                         |                                 |                                 |                                         |

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|---------------------------------------------------|-----------------------------------------------|--------------------------------|------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------|
| <b>3134</b><br>IK4GME<br>SM6CMU                   | <b>3114</b><br>IZ1ANU                         | <b>3093</b><br>W7UT            | SL0ZG                                          | <b>3055</b><br>JA5MHD<br>K5XI           | HA8IE<br>OE2LCM<br>W5OZI                                              |
| <b>3131</b><br>DF3GY<br>IK6DLK<br>JQ3DUE<br>W4DXX | <b>3111</b><br>SM5CEU<br>SP2FAX<br>SP9DWT     | <b>3091</b><br>SP6CIK<br>YO9HP | <b>3070</b><br>OH5KW                           | <b>3054</b><br>EI7BA<br>K8PT<br>N6AR    | <b>3040</b><br>AG9S<br>DJ2YA<br>JA5AQC<br>JR3GWZ<br>SP5DIR            |
| <b>3130</b><br>ON4IQ<br>SM3NRY                    | <b>3109</b><br>IK4CIE<br>JG3QZN<br>ON4AOI     | <b>3090</b><br>SV1RK           | <b>3068</b><br>N0XA<br>SP1S<br>W8UVZ           | <b>3053</b><br>9A8A<br>JR6EZE<br>OE6MDF | <b>3039</b><br>WK3N                                                   |
| <b>3129</b><br>IK5HHA<br>UT3UA                    | <b>3108</b><br>JH1GZE<br>K9QVB*               | <b>3087</b><br>IK6FWJ<br>KF2O  | <b>3067</b><br>N4RJ                            | <b>3052</b><br>SP3CFM                   | <b>3038</b><br>AA1QD<br>SM6CCO<br>W4PK                                |
| <b>3128</b><br>F6GCP<br>G4CCZ<br>JA2JPA           | <b>3105</b><br>JA2VPO                         | <b>3086</b><br>OE2VEL          | <b>3066</b><br>S51DI                           | <b>3050</b><br>VE1YX                    | <b>3037</b><br>JJ3PRT                                                 |
| <b>3125</b><br>JF2MBF                             | <b>3103</b><br>G3XTT                          | <b>3085</b><br>DK5PR           | <b>3065</b><br>US5WE                           | <b>3049</b><br>OH1LEU                   | <b>3036</b><br>AA6YQ<br>IK2YCW<br>IV3ODE<br>JA0DAI<br>JA2FBY<br>W9RPM |
| <b>3124</b><br>EA3A                               | <b>3102</b><br>N9IW<br>S59Z<br>SM5AQD<br>W5ZN | <b>3084</b><br>SP5CJQ          | <b>3064</b><br>IV3SKB<br>JR7VHZ                | <b>3048</b><br>HB9AMO                   | <b>3034</b><br>I4LCK                                                  |
| <b>3121</b><br>VA3DX                              | <b>3101</b><br>UT9FJ<br>VK4MA<br>W0BV         | <b>3081</b><br>9A2EU           | <b>3063</b><br>N4JJ*                           | <b>3047</b><br>G4PWA                    | <b>3033</b><br>N2LT<br>UB7K                                           |
| <b>3120</b><br>EA5BM<br>JA4LXY<br>SP7VC<br>W3YX   | <b>3100</b><br>OE1WEU<br>YO5BRZ               | <b>3080</b><br>9A1CCY          | <b>3062</b><br>K4MQG                           | <b>3046</b><br>HA5WA<br>JA2WYN<br>UT7UJ | <b>3032</b><br>UY5ZZ                                                  |
| <b>3119</b><br>GM3GAV<br>OK3GU                    | <b>3099</b><br>AA1V<br>HB9BIN<br>LY2IJ        | <b>3079</b><br>G3ZSS           | <b>3061</b><br>G0DQS<br>JG1ULJ<br>N8RR<br>W2YC | <b>3045</b><br>N5KD<br>OH2BCK<br>SP8NR  | <b>3031</b><br>G3TXF<br>N2TK<br>SP3DV                                 |
| <b>3118</b><br>AA7A                               | <b>3098</b><br>YO3APJ                         | <b>3078</b><br>N3SL            | <b>3060</b><br>K1CP<br>N7NR                    | <b>3044</b><br>DL1AMQ<br>KY7M           | <b>3030</b><br>F5UKW                                                  |
| <b>3117</b><br>I0WDX<br>N2QT<br>PA0WRS            | <b>3097</b><br>K3UA<br>N4BAA                  | <b>3077</b><br>DF4PL<br>JH2FXK | <b>3059</b><br>JA1HGY                          | <b>3043</b><br>I5KKW<br>K4SO            | <b>3029</b><br>W4TO                                                   |
| <b>3115</b><br>F6AOJ                              | <b>3096</b><br>KD5M                           | <b>3075</b><br>K4DY<br>SP9FKQ* | <b>3058</b><br>K0KX                            | <b>3042</b><br>JA1UQP<br>JA7QVI         | <b>3028</b><br>T77C                                                   |
|                                                   |                                               | <b>3074</b><br>UX1UA           | <b>3057</b><br>DK5WL<br>F5II                   | <b>3041</b><br>F6EXV                    |                                                                       |
|                                                   |                                               | <b>3073</b><br>K4XP<br>SM5KNV  | <b>3056</b><br>K2FF<br>UX0FF                   |                                         |                                                                       |
|                                                   |                                               | <b>3071</b><br>K9CT<br>NR1R    |                                                |                                         |                                                                       |

|                                                                        |                                                 |                                                                                                                                      |                                                   |                                                          |                                                 |
|------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|
| <b>3027</b><br>KW9A<br>S53R<br>SP7GAQ                                  | PY2BW<br>UA4HBW<br>UT5JAJ                       | <b>3002</b><br>5B4AGN<br>JA0UUA<br>JA6BZI<br>K0IEA<br>K5EJ<br>KV7K<br>YV1DIG                                                         | <b>2988</b><br>DF2UU<br>N4MM<br>RA3CQ             | <b>2971</b><br>IZ8FFA<br>UA6A                            | N4HU                                            |
| <b>3025</b><br>N4CH                                                    | <b>3013</b><br>IW1ARB<br>JA2JNA<br>SM6DHF       |                                                                                                                                      | <b>2987</b><br>K4QL                               | <b>2970</b><br>JH1RFR<br>K4XO<br>K9RX<br>UX1AA           | <b>2957</b><br>9A3SM                            |
| <b>3024</b><br>DL5DSM<br>F6BEE<br>F6DAY<br>JF3KON<br>LA5IIA<br>SM5DJZ* | <b>3012</b><br>N5DG<br>UA4CC<br>W4UM            | <b>3001</b><br>FK8CP<br>G3SJX<br>JA0EOK<br>JF1PUW<br>KA9CFD<br>N4II<br>N6JV<br>US4EX<br>UT1UY                                        | <b>2986</b><br>HA5AGS<br>N4KG*                    | <b>2969</b><br>K5EK<br>UR5WA                             | <b>2956</b><br>RZ3AM<br>UA3AB                   |
| <b>3023</b><br>KX4R                                                    | <b>3011</b><br>DJ8NK<br>IZ1LBG                  |                                                                                                                                      | <b>2985</b><br>AD5A                               | <b>2968</b><br>OH3BU                                     | <b>2955</b><br>JH1TWT<br>JH2UVL                 |
| <b>3022</b><br>DL2OE<br>OE5KE<br>W3DF                                  | <b>3010</b><br>DJ5FI<br>F5NBU<br>K8SIX          | <b>3000</b><br>DJ4AX<br>EA1DFP<br>EU7A<br>G4EZT<br>IV3RAV<br>IZ8FWN<br>JH1HGC<br>JH4ADV<br>K1ZZ<br>MD0CCE<br>NI0G<br>OK6DJ<br>SP3IBS | <b>2982</b><br>K5KC<br>N5ZM                       | <b>2966</b><br>JA0CRI                                    | <b>2954</b><br>AC4G<br>JL1SAM<br>N8PR<br>SP8AJK |
| <b>3021</b><br>CT1IUA<br>VE2TZT                                        | <b>3009</b><br>WP4U                             |                                                                                                                                      | <b>2980</b><br>JJ2LPV<br>N4XM<br>WA7NB            | <b>2965</b><br>K3FN<br>K4SV                              | <b>2953</b><br>N8TR                             |
| <b>3020</b><br>R7LV<br>W3CC                                            | <b>3008</b><br>IZ4BEZ*<br>JA2JW<br>RW2A         |                                                                                                                                      | <b>2978</b><br>CT4NH<br>IK4DRR<br>JA2IVK<br>W9IXX | <b>2964</b><br>DJ0MDR                                    | <b>2952</b><br>K5BG                             |
| <b>3019</b><br>9A2NO<br>JH0INP<br>N0AT                                 | <b>3007</b><br>SP2GJV<br>W1GL                   |                                                                                                                                      | <b>2977</b><br>IK6SNR<br>JA0FSB<br>K5ESW          | <b>2963</b><br>IK5MEN<br>NK1K<br>OH5VT                   | <b>2950</b><br>PY5EW<br>W1TSP                   |
| <b>3018</b><br>JA3EMU                                                  | <b>3006</b><br>UT7UW                            | <b>2999</b><br>N2NL                                                                                                                  |                                                   | <b>2962</b><br>K4MWB<br>NO8D<br>OZ1AXG                   | <b>2949</b><br>HK3W<br>K0EU<br>N7RT<br>OK1MP*   |
| <b>3016</b><br>R4GM<br>W1YY                                            | <b>3005</b><br>AA4V*                            | <b>2998</b><br>K4UTE                                                                                                                 | <b>2976</b><br>DK2LO<br>EA5RM                     | <b>2961</b><br>W7AO                                      | <b>2948</b><br>HB9BZA<br>SP3RBG*                |
| <b>3015</b><br>G4OBK<br>JA7MSQ<br>K9EL<br>N3NT                         | <b>3004</b><br>EA1DR<br>IV3JVJ<br>K1HTV         | <b>2996</b><br>W4VQ                                                                                                                  | <b>2974</b><br>I8IGS<br>OZ3PZ                     | <b>2960</b><br>K2UO                                      | <b>2947</b><br>K0SR<br>K1UO<br>W3GH*<br>YU3AA   |
| <b>3014</b><br>EA6NB<br>K5DU                                           | <b>3003</b><br>9A5CY<br>JA2FJP<br>VE3XN<br>W3LL | <b>2995</b><br>RA7A                                                                                                                  | <b>2973</b><br>WX4G                               | <b>2959</b><br>AB3CV<br>EA6VQ<br>K4IQJ<br>UA3AKO<br>W3KX | <b>2946</b><br>IK6GPZ<br>RA3DX                  |
|                                                                        |                                                 | <b>2993</b><br>DK1FW                                                                                                                 | <b>2972</b><br>JH1IFS<br>W0VTT                    | <b>2958</b><br>JA1SYY<br>JA9CHI                          | <b>2944</b><br>K1ST<br>N4QS                     |

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|--------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| <b>2943</b><br>JA2DPC<br>JA2NDQ<br>WB6RSE        | <b>2924</b><br>K4HB                                                 | <b>2912</b><br>K6ND<br>W1CU                                | <b>2900</b><br>9A2F<br>IK0XBX<br>IV3YYK<br>JA1ADT<br>JA2ZL<br>JR3VXR<br>W4DKS | <b>2888</b><br>EA7R<br>J12KXK<br>K4HGX<br>N8JV<br>RA4CC | <b>2873</b><br>E72A<br>W1ECT                               |
| <b>2941</b><br>K8FL<br>N4JF                      | <b>2923</b><br>K2UU<br>N9US<br>OE5NNN                               | <b>2911</b><br>CT1ILT<br>JO7WXN                            |                                                                               |                                                         | <b>2872</b><br>IZ5DKJ<br>JA5XAE<br>JA8EAT<br>K8ZTT         |
| <b>2940</b><br>I3BUI<br>JF8QNF<br>OZ4O           | <b>2922</b><br>JL1UXH<br>K1AR                                       | <b>2910</b><br>K3UL                                        | <b>2899</b><br>K4UEE*<br>LA7HJA                                               | <b>2887</b><br>JH4JNG                                   | <b>2871</b><br>JA9LJS                                      |
| <b>2938</b><br>HB9RG<br>OZ8BZ<br>W6XA            | <b>2921</b><br>JH1ECG<br>K9YY<br>K9ZO<br>PY5EG<br>W5XX              | <b>2909</b><br>I1JQJ<br>JA0GJJ                             | <b>2897</b><br>K1DG<br>OZ1CTK                                                 | <b>2886</b><br>SP3CGK                                   | <b>2870</b><br>EA1YO<br>ZS4TX                              |
| <b>2937</b><br>OH1TV                             | <b>2920</b><br>LZ2JE                                                | <b>2908</b><br>9A1HBC<br>HA1RW<br>JE2LUN<br>RW5C<br>SP9ODY | <b>2896</b><br>KG7H<br>NE1B                                                   | <b>2885</b><br>VE3DZ                                    | <b>2869</b><br>JA2XYO<br>JN7FAH<br>N4DB<br>SP6HEQ<br>VE3FF |
| <b>2935</b><br>K9NW<br>R3OK                      | <b>2919</b><br>DL1DUL<br>K9NU                                       | <b>2907</b><br>DL1EJA<br>OH3JR<br>R5AJ                     | <b>2895</b><br>JA9APS<br>RV3LO<br>SM5CZQ                                      | <b>2884</b><br>EA7TV<br>JE8BKW<br>J14POR<br>R7AA        | <b>2882</b><br>SM3VAC<br>UX4UA*                            |
| <b>2931</b><br>F2JD<br>JA3PIS                    | <b>2918</b><br>AA1ON                                                | <b>2906</b><br>CT1FMX<br>EA3JL<br>OK1CF<br>UA3TCJ<br>W6UB  | <b>2894</b><br>RJ3AA<br>RW0LT                                                 | <b>2881</b><br>JH6QFJ<br>N5TY*                          | <b>2868</b><br>AB4IQ<br>JF2XGF<br>N8BM*                    |
| <b>2930</b><br>SP9JZU<br>VE3LYC                  | <b>2917</b><br>IZ1BII<br>JL1RUC<br>N4PQX                            |                                                            | <b>2893</b><br>W9RN                                                           | <b>2880</b><br>K0KT<br>SV1CNS                           | <b>2867</b><br>JA3RAR                                      |
| <b>2929</b><br>EA4KD<br>K4CN                     | <b>2916</b><br>RU3FM                                                | <b>2905</b><br>IK0MHR<br>K5MC<br>PY5HOT<br>WB4OSS<br>W18A  | <b>2892</b><br>K3WW<br>LA7JO<br>N4NX<br>W1RM                                  |                                                         | <b>2866</b><br>JE1SYN<br>KN4F                              |
| <b>2928</b><br>DJ4PI<br>IK5ACO<br>JA7JWF<br>W8AV | <b>2915</b><br>JA1ANR<br>W3NO                                       |                                                            | <b>2891</b><br>W4FC<br>YO7LCB                                                 | <b>2879</b><br>G3LZQ<br>JA5IU<br>KG4W<br>LA5HE<br>SP6CZ | <b>2865</b><br>JA1SJV<br>K4ZYU<br>UA3DPM                   |
| <b>2926</b><br>DM5EE<br>UA4CR                    | <b>2914</b><br>OM3DX<br>RK4FD<br>W2IRT                              | <b>2903</b><br>JF4VZT<br>K2PLF*<br>RY9C                    | <b>2890</b><br>JA9FPI<br>ON4GG<br>RZ1OA<br>SP3FAR                             | <b>2877</b><br>JF1WPB<br>JR3OEH                         | <b>2864</b><br>A45XR<br>OH2BLD                             |
| <b>2925</b><br>G0OIL<br>JA6LCJ<br>N5AW<br>S54E   | <b>2913</b><br>EA5BY<br>I1EIS<br>LA4GHA<br>OE8RT<br>ON4CD<br>SM6CNN | <b>2902</b><br>JA2LCP<br>K3KO*<br>NQ1K                     | <b>2889</b><br>EA1N<br>JR4OZR<br>K3WC                                         | <b>2876</b><br>IK5DNF<br>SM6CTQ                         | <b>2863</b><br>4Z5CX<br>DJ5AV<br>JA8DNV<br>JR2LJO<br>K1OA  |

|                                                           |                                                                     |                                                                  |                                                           |                                                           |                                                                            |
|-----------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------|
| <b>2862</b><br>IK0FVC<br>R3AW                             | W1TC                                                                | VE1DX<br>W9OP                                                    | <b>2826</b><br>AA4HP<br>W0UO<br>WA2VYA                    | RL9F<br>SV1DPI                                            | <b>2803</b><br>EA3WD<br>IK4ADE<br>SM0CCM<br>SP3CJS                         |
| <b>2860</b><br>IT9JNR<br>LB8DC<br>NY0V<br>SM6DHU<br>UW5ZM | <b>2849</b><br>IK7NXM<br>RY7G                                       | <b>2836</b><br>CT1BOL                                            | <b>2825</b><br>HA1RB<br>K5XX                              | <b>2814</b><br>SP5IWA                                     | <b>2802</b><br>K7NN<br>KA9FOX<br>UA3LAR                                    |
| <b>2859</b><br>HL3IUA<br>JA1EOD                           | <b>2848</b><br>JR7BDQ<br>N5UR                                       | <b>2835</b><br>EA6ET<br>JA6VQA<br>UA1OIZ<br>UT2UB<br>WA5VGI      | <b>2824</b><br>AB6QM<br>IK1WGX<br>JA4MRL<br>RZ3DX<br>W2SM | <b>2813</b><br>DL5WW<br>WP4G                              | <b>2801</b><br>JH3VWN                                                      |
| <b>2858</b><br>9A2NA                                      | <b>2847</b><br>N2TU*                                                | <b>2834</b><br>R7FK*<br>R7NW<br>VE3EXY                           | <b>2823</b><br>AI9L                                       | <b>2812</b><br>9A4T<br>HA0UZ<br>JA9NLE<br>K7ZV            | <b>2800</b><br>AA8CH<br>IK0PEA<br>JA9PPC<br>K6FG<br>OH6RX<br>RU3QR<br>W5XC |
| <b>2857</b><br>JA4FKX<br>UA6MF                            | <b>2846</b><br>DK2NG<br>IK1YED<br>IW0HEX<br>JN1BMX<br>KF0QR<br>R7DX | <b>2833</b><br>9A2JK<br>K5KLA<br>W9AJ                            | <b>2822</b><br>IK0FUX                                     | <b>2810</b><br>DK3DG<br>JA9TWN<br>K8NVR<br>N4DW<br>WB9CIF | <b>2799</b><br>I7CSB                                                       |
| <b>2856</b><br>HB9DDO<br>JF2UPM<br>SM2OAN                 | <b>2845</b><br>R9FM<br>WA4FFW                                       | <b>2832</b><br>DL4CF<br>I4MKN<br>JA4PXC<br>K5ZK<br>N0AV<br>W6OAT | <b>2821</b><br>IU7QBB<br>JO1WKO<br>N4AH<br>UA0ZC          | <b>2809</b><br>AG4W<br>DL6KR                              | <b>2798</b><br>HB9DHK<br>K0JGH<br>K5RT<br>SP7HOV<br>SV1JG                  |
| <b>2855</b><br>AJ6T<br>OE1ZL<br>SM3NXS<br>UR5EDX<br>W9XY  | <b>2844</b><br>JA9RRH<br>UA4LY                                      | <b>2831</b><br>JE2URF                                            | <b>2820</b><br>4Z5MU                                      | <b>2808</b><br>F6HDH<br>KB0EO<br>WE9R                     | <b>2795</b><br>PY7DJ                                                       |
| <b>2854</b><br>AA5AM<br>JR1XIS                            | <b>2843</b><br>G4IRN<br>K9US<br>LA7AFA<br>W8GC                      | <b>2830</b><br>I1FQH<br>K9EU<br>LA3MHA<br>UA3AP                  | <b>2819</b><br>JA6CRP<br>N9AU*<br>SV1AVD                  | <b>2807</b><br>JS3CTQ                                     | <b>2794</b><br>HB0CC<br>IK4PLW                                             |
| <b>2852</b><br>HB9HFN<br>JE2LPC<br>SP6DNZ<br>W5TCX        | <b>2840</b><br>KC7V<br>MM0EAX                                       | <b>2829</b><br>DJ9HX<br>IZ8VYU<br>N5OK<br>W7DO                   | <b>2818</b><br>I6FLD                                      | <b>2806</b><br>G3SNN<br>JA1DUH<br>JS2LHI<br>NM6V<br>W2LO  | <b>2793</b><br>RA3DA                                                       |
| <b>2851</b><br>F4BKV                                      | <b>2839</b><br>K0DEQ<br>K2VV<br>OK2ZU                               | <b>2828</b><br>IK2QPR<br>JH1NYM                                  | <b>2817</b><br>DL5AN<br>JA2VQF<br>RU6B<br>S52F<br>SP3QDM  | <b>2805</b><br>5B4MF<br>HA9PP<br>K6TA*<br>N5XZ            | <b>2792</b><br>I4KDJ                                                       |
| <b>2850</b><br>DF6PB<br>DK6WA<br>K3WA<br>SM4EMO<br>SP1MGM | <b>2838</b><br>JH3CUL<br>KC6AWX*<br>NN4X<br>W1DIG<br>W8OI           | <b>2827</b><br>DF2RG                                             | <b>2816</b><br>JK1EXO                                     | <b>2804</b><br>NV9L<br>VA5DX                              | <b>2791</b><br>K1GG<br>VE7IG*                                              |
|                                                           | <b>2837</b><br>DL6ATM                                               |                                                                  | <b>2815</b><br>9H1SP<br>HB9ALO<br>IT9DSZ                  | <b>2789</b><br>F5PAC<br>IK4HLU                            |                                                                            |

|                                                |                                                                 |                                                              |                                                                     |                                                                  |                                                  |
|------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|
| <b>2788</b><br>AB9V<br>N5ORT                   | <b>2774</b><br>JH3VNC                                           | <b>2760</b><br>KZ2I<br>UN5J                                  | <b>2747</b><br>E72U<br>N6ET                                         | <b>2734</b><br>JR2UBS<br>S52DD                                   | JN1RQV<br>ZS1LS                                  |
| <b>2787</b><br>KN5O<br>VE3BW<br>W9MU           | <b>2773</b><br>KK2I                                             | <b>2759</b><br>ZS6EZ                                         | <b>2746</b><br>KP2A<br>WB0TEV                                       | <b>2733</b><br>EU1KY<br>JE2DZC                                   | <b>2724</b><br>JA3FGJ<br>JA5WIZ<br>PY2YP         |
| <b>2785</b><br>SV2AEL                          | <b>2772</b><br>K6KLY<br>KB8VAO                                  | <b>2758</b><br>PY2SP<br>SV1BTK                               | <b>2745</b><br>G4GIR<br>W2LK                                        | <b>2732</b><br>NA5C<br>UT8IO<br>W7OM                             | <b>2723</b><br>W1MK                              |
| <b>2784</b><br>K3PA<br>K5AQ<br>K9XD<br>W7KNT   | <b>2771</b><br>K2CL<br>PA3C<br>RU3DX<br>UA3AGW<br>UR5MID        | <b>2756</b><br>RV3FT<br>UN7JX                                | <b>2744</b><br>JR6FC<br>K8AC<br>RA3XDX                              | <b>2731</b><br>DJ9ON<br>EA8JF<br>JH1HHC                          | <b>2722</b><br>AH7C<br>NS4C                      |
| <b>2783</b><br>G0BLB<br>N5FG<br>W6SR           | <b>2770</b><br>JA0GCI                                           | <b>2754</b><br>K9MK<br>RA1QY                                 | <b>2742</b><br>DL5ME<br>K1BD                                        | <b>2730</b><br>K1NU<br>SM5JE*<br>SP9RCL                          | <b>2721</b><br>DL9GFB<br>JF7XKY<br>W9XX          |
| <b>2782</b><br>G4IYY<br>SM6BZV                 | <b>2768</b><br>HB9TKS                                           | <b>2752</b><br>N2BJ<br>R3VA<br>SM4DDE                        | <b>2741</b><br>AD1C<br>CU2DX<br>JA1KQX<br>US0KW                     | <b>2729</b><br>DK2JX<br>IZ3ENH<br>K5UO<br>SP2BMX                 | <b>2720</b><br>CT3MD<br>JA6WJL<br>ON4IZ<br>UX3IW |
| <b>2781</b><br>DK0PM<br>R5DT<br>RN3QN          | <b>2766</b><br>G0BNR<br>HA7TM<br>WA2WSX                         | <b>2751</b><br>CT1FCX<br>EI6FR<br>JG0CQK<br>RD3K<br>UA4HAU   | <b>2740</b><br>G4PTJ<br>WB4TDH                                      | <b>2719</b><br>F5CQ<br>K0BBC<br>PY4OY                            |                                                  |
| <b>2780</b><br>CT1GFK<br>N7US<br>PA3EWP        | <b>2765</b><br>W1YM                                             | <b>2738</b><br>HB9SLO<br>WX1S                                | <b>2737</b><br>JA3GN<br>UT7UV                                       | <b>2718</b><br>JE1LFX<br>N9FN<br>OE6DK<br>WA2HZO<br>WX2S         |                                                  |
| <b>2779</b><br>NI6T                            | <b>2764</b><br>AI0O<br>F6FXU<br>JA4DLP<br>JA4OK<br>K2RW<br>K7BG | <b>2736</b><br>JA2KVD<br>JE3ENP<br>K4WA<br>PE1L<br>W8HC      | <b>2735</b><br>AA5C<br>HB9AUS<br>W0DJC<br>W6YI<br>WT8C              | <b>2717</b><br>OH4SS<br>WN6W                                     |                                                  |
| <b>2777</b><br>DK5AD<br>JE1FQV<br>W0YG<br>W1FJ | <b>2763</b><br>DF3UB<br>K3RA<br>RA0FF<br>SM5FUG                 | <b>2735</b><br>LA5LJA<br>RX4HZ                               | <b>2727</b><br>EA2IA<br>JA3AZD<br>K3JGJ<br>OZ1ADL<br>SP6M<br>WB3AVN | <b>2716</b><br>DL7BA<br>JA1XCZ<br>K7PI<br>UA9FAR<br>UN6T<br>W8HW |                                                  |
| <b>2776</b><br>AJ9C<br>JA1SVP<br>K8GG          | <b>2762</b><br>DJ9VA<br>JR1BAS                                  | <b>2726</b><br>CU2AP<br>EA8AKN<br>JA3ENN<br>JA5FDJ<br>JF0EHX | <b>2725</b><br>CU2AP<br>EA8AKN<br>JA3ENN<br>JA5FDJ<br>JF0EHX        | <b>2715</b><br>IK2OVC<br>SP6TRX                                  |                                                  |
| <b>2775</b><br>JA7KY                           | <b>2761</b><br>JA4EPE                                           |                                                              |                                                                     |                                                                  |                                                  |

|                                                           |                                                                            |                                                           |                                                       |                                                         |                                                                   |
|-----------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|
| W0FLS                                                     | K0JUH                                                                      | <b>2692</b><br>EA5KA<br>IZ0RVI                            | <b>2679</b><br>CT1FPQ<br>JE1BMJ<br>N7KA<br>RA1QD      | <b>2665</b><br>WA8WV                                    | <b>2655</b><br>HB9LCW<br>N4RWG<br>UA3TT                           |
| <b>2714</b><br>J18DGO<br>JR7WFC<br>NX7U<br>RA3QK          | <b>2703</b><br>DL1YD<br>K8EUR<br>KA1R                                      | <b>2691</b><br>WE7K                                       |                                                       | <b>2664</b><br>K4SE<br>SM0NJO<br>W4TV                   | <b>2654</b><br>DL4SZB<br>SM6NOC<br>W8DCH                          |
| <b>2713</b><br>JA8RJE<br>OK2QA<br>UA0CW<br>W2PK           | <b>2702</b><br>JE2EHP<br>WA3C                                              | <b>2690</b><br>KG9N<br>OE1AZS<br>SP7ITB<br>VE6WQ<br>W1SKU | <b>2678</b><br>DF2IS<br>K6AM                          | <b>2663</b><br>IZ3GOG<br>JF2WGN<br>OE4PWW               |                                                                   |
| <b>2711</b><br>JE3GRQ                                     | <b>2701</b><br>OE3EVA<br>R6AF                                              |                                                           | <b>2677</b><br>IK4BHO<br>W4BP                         | <b>2662</b><br>JA9CHJ<br>JE2OVG<br>K1USA                | <b>2653</b><br>DF9KF<br>JA3APL<br>JK1KSB<br>PA1CW                 |
| <b>2710</b><br>EA3BS<br>F5HNQ                             | <b>2700</b><br>DJ9ZB<br>LA7GIA<br>N9LB<br>OH2FT<br>RA9CMO<br>W9BF<br>YS1RR | <b>2689</b><br>W2KKZ<br>W6VX                              | <b>2675</b><br>K2EP<br>N1SV                           |                                                         | <b>2652</b><br>AF9H<br>JA7LGE<br>JA9FAI<br>LA8PT<br>SK3PY<br>W5LT |
| <b>2709</b><br>JH1QAX<br>R9TO<br>W8TN                     | <b>2699</b><br>IZ8XQC<br>K0KVR<br>K8WK<br>UT4MF<br>YU1CC                   | <b>2688</b><br>9K2OD<br>JA0DIN<br>JA0IXW                  | <b>2674</b><br>JA5FBZ<br>K9MM<br>W7CT                 | <b>2661</b><br>JE6TSP<br>UT5EL<br>W9ILY                 | <b>2651</b><br>AA9A<br>LA9GX<br>WB8BPU                            |
| <b>2708</b><br>9A5X<br>CT1BH<br>G4OWT<br>JH4ALY<br>SP9UPH | <b>2698</b><br>DL1DUO<br>K8GI                                              | <b>2687</b><br>EW2A<br>K4TT<br>W3AP                       | <b>2673</b><br>N4TL<br>W9NGA                          | <b>2660</b><br>DJ4XA<br>JA7MFL<br>N5LZ<br>RW4NN         |                                                                   |
| <b>2707</b><br>DM2DXA<br>G4WFQ<br>I5ZGQ<br>JA1WSK         | <b>2697</b><br>JH0GHZ<br>K1KD<br>KJ3L                                      | <b>2686</b><br>KD6WW<br>RM0F                              | <b>2672</b><br>G3VKW                                  | <b>2659</b><br>K4XD<br>K8BCK<br>KZ4V<br>LA9AJA<br>W6NWS | <b>2650</b><br>N1NK<br>RA3S                                       |
| <b>2706</b><br>JH7XRG<br>J11LET<br>RW3RN                  | <b>2696</b><br>K9IR<br>YB5QZ                                               | <b>2685</b><br>GM3PPE<br>KE9ET<br>R6AA                    | <b>2671</b><br>I0DJV*<br>IV3IZU<br>JE7JDL             |                                                         | <b>2649</b><br>AD5Q                                               |
| <b>2705</b><br>4Z4DX<br>9A2X<br>BA4RF<br>IW0SAF<br>OE5RLM | <b>2695</b><br>W5FKX                                                       | <b>2684</b><br>DF2GH<br>EC3A<br>W5CIA                     | <b>2670</b><br>DL3ZA<br>K6RO<br>NS6C<br>R8TX<br>YL2MU | <b>2658</b><br>AA6AA<br>ON4ON<br>UW2ZM<br>W4QN<br>W5ZG  | <b>2647</b><br>KS1J<br>RN3OG                                      |
| <b>2704</b><br>IK8YTA                                     | <b>2694</b><br>JG3IWL                                                      | <b>2683</b><br>EI2GLB<br>JA2ATE<br>JH8RZJ<br>K1DT         | <b>2669</b><br>OE3SGU                                 | <b>2657</b><br>N3MN<br>NN4R                             | <b>2646</b><br>JH1AGU<br>JN1GTG<br>JR4DSM<br>K6SIK                |
|                                                           | <b>2693</b><br>W0AW                                                        | <b>2681</b><br>IK3XJP                                     | <b>2668</b><br>JA7MOL                                 | <b>2656</b><br>DL5CW<br>K0JY<br>WA0MHJ<br>WA9PIE        | <b>2645</b><br>JA1IZZ<br>N7IR<br>W3JX                             |
|                                                           |                                                                            | <b>2680</b><br>UN7LZ                                      | <b>2667</b><br>K0TT                                   |                                                         | <b>2644</b><br>JJ1DWT                                             |
|                                                           |                                                                            |                                                           | <b>2666</b><br>N7XR                                   |                                                         |                                                                   |

|                                                                    |                                                                     |                                                          |                                                                           |                                                                           |                                                                                        |
|--------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| K5VIP<br>LA3WAA<br>N1IBM<br>SM6CUK                                 | <b>2633</b><br>HB9CQK<br>K6GXO<br>N8OC<br>NU8Z<br>W6XK              | <b>2622</b><br>RA3ZH<br>RZ4FO<br>W4FQT                   | <b>2611</b><br>DL3OH<br>K2LS<br>K7WP<br>KM4H<br>OH9MDV<br>W1KSZ<br>WB5JID | <b>2602</b><br>DL2KQ<br>JA7JI<br>KE4YD<br>KG8P<br>W3UA                    | <b>2592</b><br>JK1OPL                                                                  |
| <b>2643</b><br>JM1FHL<br>LU3CQ                                     | <b>2632</b><br>K5LJ<br>KI5BLU                                       | <b>2621</b><br>SV5DKL<br>W4WM                            |                                                                           | <b>2601</b><br>K7XB                                                       | <b>2591</b><br>JA9CWJ                                                                  |
| <b>2642</b><br>OE5FIN                                              |                                                                     | <b>2620</b><br>AA5AU<br>AJ3K<br>S52D                     | <b>2610</b><br>K6YUI<br>NF9V                                              | <b>2600</b><br>4Z5AV<br>9K2GR<br>IK5PWQ<br>IT9XTP<br>RC9F<br>W7WM<br>WX0V | <b>2590</b><br>9A4WY<br>KQ8M<br>RW7M                                                   |
| <b>2641</b><br>K8TL<br>OE1WHC<br>W2YJ                              | <b>2631</b><br>9A1CAL<br>K0CA*<br>KD0Q<br>RX3AGD                    | <b>2619</b><br>JA1VSL<br>N6ED<br>ND0N                    | <b>2609</b><br>AA4R<br>JA5BEN<br>JH4HMG<br>WD8JJA                         |                                                                           | <b>2589</b><br>IK0LNN<br>JQ6RUP<br>JR1GJP<br>K1LD<br>RW0CF                             |
| <b>2640</b><br>DK2GZ<br>DL6ZXG<br>JA2AHH                           | <b>2630</b><br>HB9CEX<br>N8LJ<br>NT0V*                              | <b>2618</b><br>DL6CNG<br>K7BV*<br>W2QO                   | <b>2608</b><br>E73Y<br>JA1GRM<br>JA2EPW<br>JG3LGD<br>VK3QI                | <b>2599</b><br>CT1EAV<br>W9FR                                             | <b>2588</b><br>N2TN<br>NC9T<br>OH1NX                                                   |
| <b>2639</b><br>G3SVD<br>PY2KP                                      | <b>2629</b><br>HL2WA<br>W4OX<br>WO2T                                | <b>2617</b><br>JH0BQX<br>K4JJW<br>K4WS<br>S52OT<br>W8TWA | <b>2607</b><br>JA1IOA<br>KU0A                                             | <b>2598</b><br>JM1XCW<br>K5WK<br>N1RR                                     | <b>2587</b><br>DK8MCT<br>EI9JF<br>IW0HQE<br>JA7MA<br>JH4GJR<br>K6EME<br>OH6JD<br>W3RJW |
| <b>2638</b><br>CX6VM<br>JA2CXF<br>RW3XZ<br>SV3DCX<br>W2JU          | <b>2628</b><br>IT9ELD<br>K2SHZ<br>KF8UN<br>PY2XU<br>RD3AW<br>WA1JMP | <b>2616</b><br>G3ZQH<br>KE8UN                            | <b>2606</b><br>HB9CZR<br>KD0PO<br>LA9VFA                                  | <b>2597</b><br>JA2TBS<br>JA7BWT<br>JI1DHY                                 |                                                                                        |
| <b>2637</b><br>UA0FZ<br>WS9V                                       | <b>2627</b><br>G3WPH<br>JH7IAJ<br>RW4C                              | <b>2615</b><br>HB9RYZ                                    | <b>2605</b><br>9A4W<br>IK5MDF<br>JA4ITW                                   | <b>2596</b><br>IK0HFO<br>K8IU                                             | <b>2586</b><br>K7GM                                                                    |
| <b>2636</b><br>EA5GPQ<br>K1LPS<br>K8VFX<br>N8KOL<br>ON6AA<br>WJ4T* | <b>2626</b><br>JK1GOK                                               | <b>2614</b><br>DL1DA<br>JA1WSX<br>SP6EQZ                 | <b>2604</b><br>DK9KX<br>DS1JFY<br>JA1GHH<br>JE1PNX<br>W3OA                | <b>2595</b><br>JA3APU<br>NX0I<br>W3GQ<br>WA3AFS                           | <b>2585</b><br>OM4EX                                                                   |
| <b>2634</b><br>I5HOR<br>JA7IC<br>K4EM<br>S57AC<br>WC5N             | <b>2625</b><br>JH1BZJ                                               | <b>2613</b><br>DL2FAG<br>IK8GYS<br>KK9DX<br>OH2IS        | <b>2603</b><br>I8JIT<br>K4XI<br>W5VY<br>W7BEM<br>W8KEN                    | <b>2594</b><br>EA1CP<br>IT9PKO<br>IZ4AIK                                  | <b>2584</b><br>JM1CYJ<br>K4ZO                                                          |
|                                                                    | <b>2624</b><br>DF9ZW<br>JG4AKL<br>KM1D                              | <b>2612</b><br>K8ROX<br>N5GH<br>RL3FA                    |                                                                           |                                                                           | <b>2583</b><br>IK2SGB<br>N4QQ<br>W4CK                                                  |
|                                                                    | <b>2623</b><br>N9RS                                                 |                                                          |                                                                           | <b>2593</b><br>JA0VSH<br>K1RO<br>W6RW                                     | <b>2582</b><br>G3NDC<br>JA0DET                                                         |



|                                                             |                                                            |                                                                             |                                                            |                                                                  |                                                                   |
|-------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>2581</b><br>IZ5JMZ<br>K8YTO<br>N8PW<br>VE3MWX<br>W9YSX   | I0JBL<br>JA1CLW<br>K6EID<br>N5AO<br>W6PJ                   | JA1NWD<br>K6FW<br>SP1JRF<br>W1YIF<br>W9OL                                   | <b>2552</b><br>EA5CRC<br>OE8HIK<br>SP3SLA                  | <b>2540</b><br>EI9FBB<br>JA4DEN<br>JN7DOS<br>JR1DUP<br>W7YAQ     | <b>2529</b><br>JR2PMT<br>K8QM<br>RA3WDK<br>UA1OMS<br>WO2N         |
| <b>2580</b><br>JA2XCR                                       | <b>2569</b><br>F3SG<br>IZ5EKV<br>NN4SS<br>RU6L             | <b>2560</b><br>K1ZN<br>K3JT                                                 | <b>2551</b><br>JH1OAI<br>LA5YJ<br>UA9FGR                   | <b>2538</b><br>JM2RUV<br>K2NV<br>N9RD<br>SV1LK                   | <b>2528</b><br>DL6JZ<br>K3XA<br>K9JF<br>N4LR<br>W6ENZ<br>W8RLS    |
| <b>2579</b><br>JA2FGL<br>UA0SR                              | <b>2568</b><br>K3FRK<br>KI0KB<br>W0VX                      | <b>2559</b><br>LA3BO                                                        | <b>2550</b><br>OH2OT                                       | <b>2537</b><br>AD6W<br>UW8SM<br>WO7R                             | <b>2527</b><br>IT9CVO<br>IZ4GWE<br>JA6BJV<br>KA8SYV               |
| <b>2577</b><br>AA5AT<br>IK5BAF<br>IZ8DFO<br>JA3RQ<br>WB8ZRL | <b>2567</b><br>JF1NZW<br>PY5CC<br>SV2BFN                   | <b>2558</b><br>DL9MRF<br>HL3GOB<br>JA1QOA<br>SM6BGG<br>WB9EEE               | <b>2549</b><br>DL5CF<br>PC3T<br>SK7AX<br>W6QUV             | <b>2536</b><br>K0RS                                              |                                                                   |
| <b>2576</b><br>JF6WTY<br>SP9QMP*<br>W0EWM*<br>XE1KK         | <b>2566</b><br>JA2VMU<br>RN9N                              | <b>2557</b><br>DK3WW<br>JA8EJO<br>K0BJ<br>KD3CQ<br>S55DX<br>UY5BC<br>WA2BCK | <b>2548</b><br>EA1AF<br>OH2ZZ                              | <b>2535</b><br>KM4HI<br>LA2PA<br>N9ISN<br>W2GG<br>W7FN<br>WA6YEE | <b>2526</b><br>IK2OHG<br>JA1LSP<br>N6VR                           |
| <b>2575</b><br>JR9OPJ<br>N3KK                               | <b>2565</b><br>DL5XJ<br>HK4SAN<br>IK5RUN<br>JA9NFO<br>KM3T | <b>2556</b><br>DL1KUR<br>IW2FND<br>K2KA<br>LA0FA<br>PA5TT<br>WA1S           | <b>2547</b><br>IK5CBE<br>YV5JBI                            | <b>2546</b><br>VE3RA<br>W7MO                                     | <b>2525</b><br>I8SAT<br>JG8FWH<br>JH1QDB<br>K2PK<br>K5FUV<br>N3RC |
| <b>2574</b><br>JH0INE<br>YO2RR                              | <b>2564</b><br>ER3DX<br>VE3CFK<br>VK3GA<br>W5BPT           | <b>2555</b><br>CT3HF<br>JA1WPX<br>JR7FRW<br>OZ1HX                           | <b>2545</b><br>EA3BT                                       | <b>2534</b><br>DL2CHN<br>IV3GOW<br>SM4AZQ                        |                                                                   |
| <b>2573</b><br>JA1ALT<br>JH3AIU<br>SP8FNA<br>XE2X           | <b>2563</b><br>9K2HN<br>UA6EX                              | <b>2554</b><br>IT9DAA<br>JA2HYD<br>W3BW<br>WW3S                             | <b>2544</b><br>LU8EKC<br>OH8LXT                            | <b>2533</b><br>CT1APN<br>W4SO                                    | <b>2524</b><br>HA5AO<br>JA1RTX<br>JH1EEB<br>OH1XT<br>XE2CQ        |
| <b>2572</b><br>SK0TM<br>W2XI                                | <b>2562</b><br>JA9AGN<br>OH1ZK<br>PY2NQ<br>R9AB            | <b>2553</b><br>W1YW                                                         | <b>2543</b><br>JH1BNC<br>JI4WAO<br>K7ZA                    | <b>2532</b><br>IZ2AMW<br>K8RRT<br>N5KO                           | <b>2523</b><br>G8DX<br>UN7TW                                      |
| <b>2571</b><br>DL5EBE<br>K1CA<br>W4VIC                      | <b>2561</b><br>EA1EAU<br>G3KWK<br>IK0AGU                   |                                                                             | <b>2542</b><br>KB1EFS<br>W7LR                              | <b>2531</b><br>JA1ELY<br>UA6YW<br>W1OPD                          | <b>2522</b><br>K1HT<br>NA5DX<br>VK3HJ                             |
| <b>2570</b><br>EA3NP<br>G4DJX                               |                                                            |                                                                             | <b>2541</b><br>JA1FQI<br>JF1KKV<br>N6RV<br>SP3PLD<br>W3DRY | <b>2530</b><br>AA4SC<br>K5VWW<br>K5WAF<br>W7AL                   | <b>2521</b><br>DL1HRN<br>K9MBQ                                    |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| WQ3X        | JA5SUD      | <b>2505</b> | W6JRY       | <b>2490</b> | <b>2472</b> |
| <b>2520</b> | KM3V        | DF2TT       | <b>2500</b> | JE2RDO      | IK4IYC      |
| K4MS        | RV9CX       | JH1AJT*     | 4Z1UF       | WS5W        | SM5GMZ      |
| KQ4AV       | SV8CKM      | K2TE        | 5B4AHJ      | <b>2489</b> | SP7TF       |
| N4HB        | UA0CA       | K5PI        | EA5BRE      | G3OAG       | SV1IW       |
| RA4CA       | UT7UU       | K7EG        | I2MQP*      | N6PF        | <b>2471</b> |
| <b>2519</b> | <b>2511</b> | LA2QM       | IZ7FLP      | <b>2486</b> | JA1HRQ      |
| N4GN        | EV1R        | PY2VA       | IZ8IEV      | JA9GPG      | JR8AMF      |
| RG5A        | JA0AOO      | UN9L        | K2UR        | K4RG        | <b>2470</b> |
| RZ6BS       | JA4BXL      | W1VT        | N1EN        | S52RZ       | N6PSE       |
| <b>2518</b> | KR4F        | <b>2504</b> | N4EFS       | <b>2485</b> | <b>2469</b> |
| W4WT        | W6TC        | IK7XLU      | N4QV        | ZL3JT       | G4BUE       |
| <b>2517</b> | <b>2510</b> | JE2HCJ      | N5ZC        | <b>2483</b> | HL4CJG      |
| DL1TRK      | DK5AI       | LU2NI       | N9BX        | K8BL        | <b>2468</b> |
| JA7AUM      | K7SP        | W0AWL       | OE6VIE      | <b>2481</b> | DL8ZAW      |
| N9RC        | LY1G        | <b>2503</b> | RA3SS       | IZ5RVG      | IV3KFB      |
| W1AIM       | N4PY        | DJ3AA       | SQ1X        | JA2AH       | N6DX        |
| W1OX        | <b>2509</b> | JH3GCN      | W6TMD       | JH1SJJ      | <b>2467</b> |
| <b>2516</b> | DK1WB       | LB2TB       | WD4LBR      | JR6LLN      | W0GJ        |
| CT1CJJ      | I2EOW       | RN8W        | <b>2499</b> | VU2NKS      | <b>2466</b> |
| EA3E        | JR1BLX      | SP8HKT      | JA1FGB      | <b>2479</b> | CT3FT       |
| YV5NWG      | NQ7R        | SV1QN       | W1LW        | IK4AUY      | SV9COL      |
| <b>2515</b> | OH1JP       | SV2DGH      | <b>2498</b> | W4RFZ       | US0YA       |
| 4X6ZK       | US3LR       | W1ZT        | K4JAF       | <b>2477</b> | <b>2465</b> |
| JA0EIY      | <b>2508</b> | <b>2502</b> | <b>2497</b> | IZ8EDJ      | KA2D        |
| JA3KGF      | HB9CXZ      | DF3IS       | HB9BUN      | JJ1SKG      | WD0DAN      |
| K3NK        | JA5BGA      | DS5USH      | JA7LMZ      | SV1VS       | <b>2464</b> |
| KT8X        | JF1KMC      | F5LVL       | RZ3FW       | <b>2476</b> | IK2VUC      |
| OH3NHF      | K7GEX       | G4IUF       | S51U        | DF5AU       | JA1VLK      |
| SP6A        | K8FH        | JA8JTH      | <b>2496</b> | DL9FCY      | JF3LOP      |
| VA3LX       | N2JJ        | JH0MXV      | K4MK        | <b>2475</b> | W6SZN       |
| W0LS        | N2JJ        | K9SM        | W4MAY       | JF2ICB      | W7ZJ        |
| WB8ZRV      | OE8SPW      | OK1DWC      | <b>2494</b> | OZ2PBS      | <b>2463</b> |
| <b>2514</b> | ON5UE       | RV1CC       | IV3VBM      | <b>2474</b> | DJ9RR       |
| AE5E        | WB2REM      | SP9WZS      | JA1IXY      | EI2CN       | K4TEA       |
| G3TTJ       | <b>2507</b> | <b>2501</b> | K2FU        | JA1JAT      | K6KO        |
| R9OK        | HB9FMN      | CT1BWU      | W9XT        | WD9DZV      | <b>2462</b> |
| R9SA        | N1LN        | EA3CJ       | <b>2493</b> | <b>2473</b> | DJ8ES       |
| SV3FUP      | RU6M        | G0EHO       | NW7E        | K5YCM       | <b>2461</b> |
| <b>2513</b> | W6BJH       | IK7EOT      | W1BR        | S57AT       | K1KA        |
| EA1RT       | <b>2506</b> | IU0HDC      | WS6X        | <b>2492</b> | K9IL*       |
| WT8V        | DL1SMA      | JA1TMG      | JA6TMU      | OK5TK       |             |
| <b>2512</b> | N6RW        | JG4BLW      |             |             |             |
| IK8EPC      | RA1AOB      | JH1OBS      |             |             |             |
|             | W5ODD       | K8OM        |             |             |             |
|             | WD5K        | N8SNM       |             |             |             |
|             |             | OH4UI       |             |             |             |
|             |             | OZ8SW       |             |             |             |
|             |             | SV1GYG      |             |             |             |

|                                                 |                                                                    |                                                  |                                          |                                                                                 |                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>2460</b><br>JA8BNP<br>W8LGJ                  | <b>2448</b><br>AA7G<br>JA1GHR<br>K3VAT<br>ON4CAS<br>WA3OFR<br>WA6F | <b>2438</b><br>DL9TJ<br>JA2FBC<br>JH7BKN         | <b>2424</b><br>I1WXY<br>W2OIB            | WA0I                                                                            | <b>2402</b><br>LU4FPZ<br>N9JV<br>W8MET                             |
| <b>2459</b><br>K2AZ<br>WA1SXX<br>YO2CMI         |                                                                    | <b>2437</b><br>W9OA                              | <b>2423</b><br>DL2VPO<br>W1EBI           | <b>2410</b><br>I0YQV<br>IK4MSV<br>IK8VRH<br>JR3UIC<br>K2TWI                     | <b>2401</b><br>HA7UW<br>N2NS<br>SM3LGO<br>W8CZN                    |
| <b>2458</b><br>JA1ADN<br>N0KV                   | <b>2447</b><br>RA3DNC<br>SP6JIU                                    | <b>2436</b><br>JE8TGI<br>W0RX<br>W9OO            | <b>2422</b><br>IK2RPE                    | <b>2409</b><br>KG9Z                                                             |                                                                    |
| <b>2457</b><br>JA3BXF<br>JA3DY*<br>N5KM         | <b>2446</b><br>IZ4MJP<br>JK1TCV<br>K5KV<br>OZ1LCG<br>W4UCK         | <b>2435</b><br>K9ZM<br>N3CZ                      | <b>2421</b><br>DL1WM<br>E70T             | <b>2408</b><br>N9DED<br>PY2MC<br>W6UC                                           | <b>2400</b><br>IT9RYJ<br>IZ2FOS<br>K6ZZ<br>N5BO<br>SM7IUN<br>W8WEJ |
| <b>2456</b><br>JG1WSC<br>N5JB<br>N9CK<br>W8DX   | <b>2445</b><br>KB1JZU                                              | <b>2434</b><br>CT1DKS<br>SM5CZK<br>WA9CVK        | <b>2420</b><br>DJ5JH<br>VE6LB            | <b>2407</b><br>9A5N<br>HB9DHG<br>JA3MHV<br>JH1IED<br>JH6PFY<br>UR5FEO<br>ZL1BYZ | <b>2399</b><br>HP2AT<br>LA8HGA<br>N5UL                             |
| <b>2455</b><br>K9NR<br>N5MOA                    | <b>2444</b><br>IZ4DPV<br>N7BT                                      | <b>2433</b><br>JF2WXS<br>K0TPP                   | <b>2419</b><br>IK2EGL<br>JA1FNO<br>KF7PG | <b>2418</b><br>KD9HL                                                            | <b>2398</b><br>AA3B<br>HA5VZ<br>K2SX                               |
| <b>2454</b><br>JE8CLT<br>LA9VDA<br>N6TA<br>W2OO | <b>2443</b><br>A65BR<br>KS0DX<br>W9DC                              | <b>2432</b><br>CT3KN                             | <b>2417</b><br>JA6BEE<br>SM3PZG<br>W5VQ  | <b>2406</b><br>K1LT<br>K1UU<br>N6HC<br>SV1FJP<br>W2AY<br>WA0RVK                 | <b>2397</b><br>IZ5BAM<br>JA1DOF                                    |
| <b>2453</b><br>JA8KSF<br>K8DV                   | <b>2442</b><br>DL4CW<br>HB9IQB<br>JA4VLK<br>N4GG<br>NE9U           | <b>2431</b><br>JA7EPO                            | <b>2416</b><br>F5PBM<br>SV1ACK<br>WQ5W   | <b>2405</b><br>DJ4GJ<br>JH4ADK<br>K6PJ<br>OE2BZL<br>W2GW                        | <b>2396</b><br>KJ9C<br>N7TY<br>PA3CSR                              |
| <b>2452</b><br>ZS2DL                            | <b>2441</b><br>AA8OY<br>K0QC<br>W5IF<br>W8MJ                       | <b>2428</b><br>IV3HYD<br>WT4Q                    | <b>2415</b><br>JR5JAQ<br>W7MEM           |                                                                                 | <b>2395</b><br>PA7RA<br>VE3YF<br>W1EQ<br>WB7B                      |
| <b>2451</b><br>KJ6P<br>UA0BA                    | <b>2440</b><br>EA5AT<br>K5PS<br>SM5CLE<br>W5PF                     | <b>2427</b><br>LX2A                              | <b>2414</b><br>I4ENO<br>JI1NJC<br>KG6I   | <b>2404</b><br>JA1SKE<br>JA4FHE<br>KS3F<br>PY2DS<br>SV9AHZ                      | <b>2394</b><br>LB5WB                                               |
| <b>2450</b><br>GM3YOR<br>JF1IRW                 |                                                                    | <b>2426</b><br>EA3GHZ<br>I2YDX<br>K7HP<br>YB1UUN | <b>2413</b><br>KA8ZPE<br>N5TJ            |                                                                                 | <b>2393</b><br>JA2CEJ<br>JR4LNG                                    |
| <b>2449</b><br>K9FN                             | <b>2439</b><br>F3AT<br>HB9ICC                                      | <b>2425</b><br>HB9AZZ<br>ZS6WB*                  | <b>2412</b><br>I5OYY<br>KJ0M             | <b>2403</b><br>JG3SKK<br>OE2GEN<br>R0FA                                         | <b>2392</b><br>N2WB                                                |

|                                                  |                                                           |                                                                                       |                                                           |                                                                              |                                                         |
|--------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------|
| PA7TWO<br>W4HG<br>YL2KF                          | <b>2380</b><br>K1ESE<br>ON4ATW<br>PY2WC<br>W3IP           | <b>2369</b><br>JE2UFF<br>JH3FHQ<br>W6DR                                               | <b>2359</b><br>F6ECI<br>K9GA<br>OZ1IKY<br>W4DC            | <b>2346</b><br>G3NKC<br>JA9AA<br>K0MN*                                       | JH1LPF<br>JK3GHE<br>K7TM<br>LU6ETB<br>VE3CRG<br>W8JRK   |
| <b>2391</b><br>JA8DKJ<br>JE1DXC                  | <b>2379</b><br>K1IT<br>K8YC<br>OH1NDA                     | <b>2368</b><br>HI8R<br>HL2IFR<br>JP1IOF                                               | <b>2358</b><br>KE6FV<br>N0RN<br>WF4U                      | <b>2345</b><br>K7LJ<br>WA2NPD                                                | <b>2336</b><br>EW4M<br>K0VXU<br>W5GAI<br>W9DX           |
| <b>2390</b><br>HB9BAT<br>JA1TAA<br>K9RS<br>KA7T  | <b>2378</b><br>F5IL<br>K1NTR<br>N2DPF<br>OH3NAQ<br>ZS1A   | <b>2367</b><br>HS1NGR<br>OE3HWC                                                       | <b>2356</b><br>K1KO<br>N1GC<br>N6QQ                       | <b>2344</b><br>EA1AUS<br>JA7PL<br>K5JC<br>RZ3DJ<br>WB8CQV                    | <b>2335</b><br>AA1AC<br>DF7EE<br>DL5XAT<br>JJ1TKN       |
| <b>2389</b><br>JA1BPA                            | <b>2377</b><br>AA8R<br>SM4CTI                             | <b>2366</b><br>BA4DW<br>K9FD*                                                         | <b>2355</b><br>9K2NO<br>JA8FHM<br>NA9RB                   | <b>2343</b><br>W0TT<br>W1SRD<br>W6RS                                         | <b>2334</b><br>HB9BYQ<br>W2YE                           |
| <b>2388</b><br>G3VPW<br>KR0P                     | <b>2376</b><br>HB9AAQ<br>IK0HBN<br>N6UK<br>NE3F           | <b>2365</b><br>JA9GLW<br>W3FOX<br>W9JA                                                | <b>2354</b><br>K0XB                                       | <b>2342</b><br>IK8JVG<br>WF2S                                                | <b>2333</b><br>HA0HW<br>HB9EFK<br>W0HBH                 |
| <b>2387</b><br>K9YC                              | <b>2375</b><br>7K1PTT<br>WB8K<br>ZL4TT                    | <b>2364</b><br>AA8LL<br>AD4ES<br>IW1QN                                                | <b>2353</b><br>LB6KC                                      | <b>2341</b><br>DL6UAA<br>HL2CFY<br>SM2GCQ<br>VE3EK<br>W7HPW                  | <b>2332</b><br>K6UM<br>XE1MEX                           |
| <b>2386</b><br>JF1RYU<br>K4YMQ                   | <b>2374</b><br>RN3RQ                                      | <b>2363</b><br>EA6EE<br>K5DHY<br>N8BJQ<br>RA5BM<br>VE3VHB                             | <b>2352</b><br>HK1MW<br>OH5LLR                            | <b>2340</b><br>4L1MA<br>DK7YY<br>OE5BWN                                      | <b>2331</b><br>IK6OIN                                   |
| <b>2385</b><br>DL8LE<br>JA3EOP<br>JA4FCV<br>W2NO | <b>2373</b><br>I2VGW<br>K7ZD<br>W2LE                      | <b>2362</b><br>I5MPN<br>IZ8DBJ<br>JA7QFU<br>JA8UIV<br>JH2SON<br>K4XR<br>NA5Q<br>S55SL | <b>2351</b><br>DG7RO                                      | <b>2339</b><br>K3TN<br>SM3DMP                                                | <b>2330</b><br>9A1AD                                    |
| <b>2384</b><br>G4XEE<br>K8YSE<br>KQ3F<br>W8UV    | <b>2371</b><br>GM0AXY<br>JG1OGM<br>K8UT<br>OH1NPW         | <b>2361</b><br>JR6IKD                                                                 | <b>2350</b><br>DL3OI<br>JF2VAX<br>KI4DLS<br>N7DC<br>W9EWZ | <b>2338</b><br>FG5FR<br>JE1AEX<br>JH1CHU<br>K8AJS<br>OK1FED<br>SP8FB<br>W0GG | <b>2328</b><br>JA1OVD<br>JL1XMN<br>K1LI                 |
| <b>2383</b><br>AB5EB<br>OE7FMH<br>RK3QY<br>W9HBH | <b>2370</b><br>DL2UH<br>IK6QOP<br>JA3XNH<br>N2WLG<br>N9UA | <b>2360</b><br>AB0X<br>K0GD<br>N6MZ                                                   | <b>2348</b><br>DJ5JK<br>DL8SCG<br>K5KPE<br>K7UA<br>N4RF   | <b>2337</b><br>JA2BQX<br>JF0CSK                                              | <b>2327</b><br>AB5A<br>EA1SA<br>N2LM<br>S52TJ<br>SM5ARL |
| <b>2382</b><br>JR3REX                            |                                                           |                                                                                       | <b>2347</b><br>AC0A<br>G3UHU<br>IZ3ETU<br>PY2IQ           |                                                                              | <b>2326</b><br>K4PB<br>VU2PTT                           |

|                                                                     |                                                                    |                                                                   |                                                    |                                                                             |                                                                                    |
|---------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>2325</b><br>BH4QYX<br>JA2IYJ<br>JH8SLS<br>N4JQQ<br>WA4JQS        | <b>2315</b><br>DM2RM<br>JA8FFM<br>KL0S                             | <b>2305</b><br>K8CW<br>NE8P<br>VK3BDX<br>W7AH                     | <b>2293</b><br>DS5TOS<br>EA3HRE<br>JA1BOQ<br>K9GWH | <b>2281</b><br>I1NVU<br>NF4A<br>W4GE                                        | OH7TV                                                                              |
| <b>2324</b><br>IK1SOW<br>JA2FSM<br>JR9LKE<br>N3UA<br>PZ5RA<br>VE6AX | <b>2314</b><br>AI2N<br>JA6OXT<br>NF1O<br>VU2CPL                    | <b>2303</b><br>JA3NHL<br>JO4CFV<br>K3EA<br>W5ZPA                  | <b>2292</b><br>IZ0BVU<br>KA1J<br>KZ5DX<br>RZ3DW    | <b>2280</b><br>K6YRA                                                        | <b>2271</b><br>4O3A<br>IK8UHA<br>K9RR<br>W0SZ<br>W8LRO<br>WA3F<br>WA4CEM<br>WB6EWM |
| <b>2323</b><br>JH4BTI<br>JJ1BMB<br>K0CS<br>W9FI                     | <b>2313</b><br>HL3DE<br>JA4HAW<br>JA7BVH                           | <b>2302</b><br>AC9EM<br>JA7CVL<br>W2WG                            | <b>2291</b><br>JH1RGG<br>SP3XR                     | <b>2279</b><br>JH1UBK<br>LA4PM<br>W5SL                                      | <b>2270</b><br>EA3XP<br>IZ8FDH<br>JH8SIT<br>KG2KJ<br>UA4AZ                         |
| <b>2322</b><br>IV3XNF                                               | <b>2312</b><br>JA2KNW<br>K0VSH<br>N0RB<br>N5DD                     | <b>2301</b><br>JP1NWZ<br>W5JAY                                    | <b>2290</b><br>JA3FHL<br>KA1ERL<br>SQ2GXO<br>W7CA  | <b>2278</b><br>EA4EER<br>JH2IEE<br>JN1NBU<br>K4WNW<br>NK0S<br>OZ5HP<br>W5WT | <b>2269</b><br>G0FUV<br>S51NM<br>XE1RBV                                            |
| <b>2321</b><br>JA4ZA<br>S57XX<br>W9JJB                              | <b>2311</b><br>K8ME<br>PP1CZ<br>R3ST<br>SM5CRV<br>WC5M             | <b>2300</b><br>JA1MLY<br>JA8NFV<br>K0LUZ<br>K4NNX<br>NF1G<br>W8OP | <b>2289</b><br>JA9IFF<br>N9AW                      | <b>2277</b><br>IK1PMR<br>SP5ES                                              | <b>2268</b><br>K3SEW<br>K9OW<br>LA7XK                                              |
| <b>2320</b><br>I8QJU<br>W9BEA                                       | <b>2310</b><br>JF1LMB<br>JH1APK<br>SV1FKZ                          | <b>2299</b><br>I5CRL<br>KA2MGE<br>SV9GPV                          | <b>2287</b><br>PA0ZH                               | <b>2276</b><br>HC1BI<br>JA8LRG<br>RU1AB<br>RU3SD<br>VE1JBC<br>W1YRC         | <b>2267</b><br>IZ1GLT<br>NE6I<br>YO9FNP                                            |
| <b>2319</b><br>K7MTR<br>UA3ECJ<br>W5FI                              | <b>2309</b><br>HB9BOI<br>HB9BXE<br>W2/CT1GIF                       | <b>2298</b><br>HK3X<br>JA3BSL                                     | <b>2286</b><br>JG3FEA                              | <b>2275</b><br>DL2HYH<br>SP1DSZ<br>WE1P                                     | <b>2266</b><br>OH6NIO                                                              |
| <b>2318</b><br>JK1UNZ<br>KK1W                                       | <b>2308</b><br>IK7FPV<br>JA7ZP<br>K4CMS<br>N4TJ<br>W8GNM<br>ZL2IFB | <b>2297</b><br>W3YY                                               | <b>2285</b><br>NT5V<br>W3ICM                       | <b>2274</b><br>HL3AMO<br>KS4YT<br>VO1HP                                     | <b>2265</b><br>DF2NS<br>IK0DWN<br>JF4EQJ                                           |
| <b>2317</b><br>K1ZZI<br>K2XF<br>LA6UL                               | <b>2307</b><br>HI3T                                                | <b>2295</b><br>EW1BA<br>JN3SAC                                    | <b>2284</b><br>E21EIC<br>JA1PTJ<br>OE2KHM          | <b>2273</b><br>K0AZ<br>K8BN<br>N7NG                                         | <b>2264</b><br>N4MHQ<br>UR3EO<br>W1OW<br>WA8MCD                                    |
| <b>2316</b><br>EA1JO<br>JA6CBG<br>K0GY<br>W5GZ                      | <b>2306</b><br>BA4MY                                               | <b>2294</b><br>AB1OC<br>N6HY<br>PY2RO<br>RU3ZX<br>WS7L            | <b>2283</b><br>JA4FM<br>JH1BAM<br>W3XY             | <b>2272</b><br>EA3AKY<br>KE1F<br>N4XP                                       | <b>2263</b><br>JK1BSM<br>N4QWF                                                     |

|                                                 |                                                                      |                                                                   |                                                                             |                                                                  |                                                                              |
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| <b>2262</b><br>EA3EQT<br>K0DD<br>KV4T<br>OK1DH  | JH9DRL<br>LA6OP<br>OZ1LWT<br>S59ZZ<br>TZ4AM                          | <b>2241</b><br>JR1WCT<br>N8HRZ<br>NA2M*<br>OH1TX<br>UA1ACG        | <b>2232</b><br>9M6YBG<br>DL2AYK<br>W8ZF                                     | <b>2222</b><br>G8AJM<br>HB9G<br>IW0HOU<br>JH1DGJ<br>UN3GX        | K4FJ<br>RN1ON<br>SM5SWA                                                      |
| <b>2261</b><br>F9XL<br>IZ8EEL<br>SM7GIB<br>W8KL | <b>2251</b><br>N4TV<br>W5ZO                                          | <b>2240</b><br>9A2TN<br>K4MM<br>K6SRZ<br>WV4TN*                   | <b>2231</b><br>DL4DZL<br>K1NJ<br>OM2DX<br>R9SG<br>W8IQ                      | <b>2221</b><br>EA5RD<br>JA2DXD<br>K1EFI<br>K4VIG<br>K9OT<br>KD4S | <b>2213</b><br>4Z5LX<br>HL2EIZ<br>JA0LFV<br>JA8EOT<br>K1YR<br>SV1MO<br>UR8UQ |
| <b>2260</b><br>JM1HJG<br>OZ7FOC<br>W5PJR        | <b>2250</b><br>DL1SP<br>EA8BYR<br>IZ2DLV<br>JE2JMV<br>JH1XUM<br>W0QQ | <b>2239</b><br>JA0DWY<br>JR1NHD<br>N1EVK<br>W4ABW                 | <b>2230</b><br>JG5RVQ<br>JH3FUK<br>K2SY<br>K9MIE<br>KJ6NZ<br>KR2Q<br>PA0JSE | <b>2220</b><br>EA9IE<br>IK8GJR<br>K9DR<br>N6PM                   | <b>2211</b><br>K3SX<br>N4HID<br>UX5UO<br>W0YVA<br>W3ABT                      |
| <b>2259</b><br>FG8OJ<br>UA6FJ<br>UT3UZ<br>W3RW  | <b>2249</b><br>AB5C<br>DL9GTB<br>JH1VUO<br>KX2A<br>N2VW<br>WP4EJH    | <b>2238</b><br>JA1CMD<br>K5FZ                                     | <b>2229</b><br>K2TK<br>N4JT<br>N8MR<br>SM3CBR<br>W5DNT<br>ZL4AS             | <b>2219</b><br>DJ5EJ<br>KH2L<br>N9SF<br>VK4CAG                   | <b>2210</b><br>EI8IU<br>JA0EKI<br>JA8OW<br>PY2GM                             |
| <b>2258</b><br>I0OSI<br>K6DT<br>VE3KG<br>W3MR   | <b>2247</b><br>K4HMB<br>N6PE                                         | <b>2237</b><br>F5BOY<br>HB9MFM<br>K2EQ                            | <b>2228</b><br>HS0ZEE<br>JA8IUB<br>JE1GWO<br>K4NA                           | <b>2218</b><br>EU1U<br>JA1AFR<br>JH4CBM                          | <b>2209</b><br>AG1A<br>DL1SVI<br>HI3Y<br>UN7ECA<br>W4BUW<br>W6RFL            |
| <b>2257</b><br>IK2SND<br>JH4FEB<br>K8NKQ        | <b>2246</b><br>PY7RP<br>W8UN                                         | <b>2236</b><br>AB0CT<br>DH0GSU<br>JA0PE<br>JR7GBL<br>K2FW<br>KT8Y | <b>2227</b><br>JJ2WOC                                                       | <b>2217</b><br>IU0LFQ<br>W0HT                                    | <b>2208</b><br>DM5BB<br>IK3SWB<br>JA7HRM<br>UN7FW<br>WA1FCN                  |
| <b>2256</b><br>KA4RRU<br>W7YA                   | <b>2245</b><br>NW4V<br>OZ4VW<br>VE1HQ                                | <b>2235</b><br>9A9CW<br>IK6BSN<br>JH1IAQ<br>JH4DYP<br>K5JZ        | <b>2226</b><br>IK7YZG<br>K7BTW                                              | <b>2216</b><br>JR1UFN<br>K4JKB<br>SV1HEP                         |                                                                              |
| <b>2255</b><br>AJ4A<br>EA7SG                    | <b>2244</b><br>BA7IO                                                 | <b>2234</b><br>DS5ACV<br>JA1CJO<br>JA2JRG                         | <b>2225</b><br>IW1FGY<br>N4UFO                                              | <b>2215</b><br>LA9FFA<br>RA4FEA<br>SM7CQY<br>SV2BOH<br>WV9L      | <b>2207</b><br>I5KG<br>JH2PWY<br>SM5ENX<br>US1CT<br>W5DAW                    |
| <b>2254</b><br>KE9L<br>VE7BV<br>W9PZT           | <b>2243</b><br>K8NK<br>W2TB                                          | <b>2233</b><br>JA0KJE<br>PA1H<br>RX3APM<br>SM7NDX                 | <b>2224</b><br>CU3EQ<br>KD6UO                                               | <b>2214</b><br>DL8FBD<br>JA1DM*<br>JA6GPR<br>JH6EJG              | <b>2206</b><br>PA3ABH<br>W2OR<br>YL2TW                                       |
| <b>2253</b><br>JH1DGQ<br>WC2K                   | <b>2242</b><br>7M2PDT<br>N3VA<br>NY2NY<br>W8BBQ<br>W8KA              |                                                                   | <b>2223</b><br>K1NY<br>WA9YYY                                               |                                                                  |                                                                              |
| <b>2252</b><br>AB4SF                            |                                                                      |                                                                   |                                                                             |                                                                  |                                                                              |

|                                                                              |                                                                                                                            |                                                                                |                                                                   |                                                                         |                                                                             |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>2205</b><br>DK0UB<br>JA0UH<br>K2SN                                        | <b>2196</b><br>JA1MZL<br>JE1VTZ<br>W0JM<br>W2FV                                                                            | <b>2188</b><br>JA1XPQ<br>N4ZH<br>RD3A                                          | <b>2178</b><br>K1GE<br>K4JC<br>KF2DT                              | <b>2168</b><br>F5UJK<br>JH2XQY<br>JL3LSF<br>K2HAT<br>UT4EK              | K1PL<br><br><b>2159</b><br>HB9KNY<br>JA7QVK<br>N1RJ<br>ND4X<br>VK3NX        |
| <b>2204</b><br>DM5GG<br>W4JS                                                 | <b>2195</b><br>DF2NU<br>EW1KP<br>HL2KV<br>IK8BQE<br>JA0CGJ<br>JA5NPV<br>JK1AJX<br>K2CBI<br>LY3W<br>W1SSN<br>W6AEA<br>W6RKC | <b>2187</b><br>G3SBP<br>JA0KJD<br>JA3OOK<br>JR1MLU<br>RW4CY<br>W0AIH*<br>W8MHW | <b>2177</b><br>N3EN<br>NW6S                                       | <b>2167</b><br>DL1NKS<br>IK6HRB<br>K8KS<br>OH3OJ<br>W7HR                | <b>2158</b><br>G3UAS<br>K4RO<br>SM4OLL<br>YO3FRI                            |
| <b>2203</b><br>G0VXE<br>IK2ANI<br>JA1KPH<br>N7WS<br>SA0AQT                   | <b>2194</b><br>AA4FL<br>CT1DOF<br>N2WKS<br>WB3JFS<br>Z31RQ                                                                 | <b>2186</b><br>JM1GHT<br>KV1J<br>ZS2EZ                                         | <b>2176</b><br>DJ2SL<br>DK9HN<br>DS3HWS<br>K4ZIN                  | <b>2166</b><br>LA2XPA<br>N4CQ<br>W2RQ<br>W8FIB                          | <b>2157</b><br>K0KG<br>W6CYX                                                |
| <b>2202</b><br>I5MXX<br>JA8JO<br>SP6AEG<br>UA0FO<br>UN2E<br>W4LSC*<br>WA5LFD | <b>2193</b><br>K2RD<br>VA3MO                                                                                               | <b>2185</b><br>DH2PC<br>JA8ZO<br>YO3CD                                         | <b>2175</b><br>AD8P*<br>DL3KZA<br>DL9OBY<br>JA4DHN<br>K2BLA       | <b>2165</b><br>I0MWI<br>JJ1LBJ<br>N2SQW<br>N4PJ<br>N5ET<br>S54A<br>W5RF | <b>2156</b><br>N5PHT*<br>TA1CM                                              |
| <b>2201</b><br>G3TQZ<br>JH1ACA<br>K6MI<br>RM3DA<br>RU0SN                     | <b>2192</b><br>N3BNA                                                                                                       | <b>2184</b><br>G3KMQ                                                           | <b>2174</b><br>K5TT<br>VE3UZ                                      | <b>2164</b><br>NY9H<br>S55ZZ                                            | <b>2155</b><br>JH1ILX<br>W3FI                                               |
| <b>2200</b><br>CT1AGS<br>VE3NI<br>W2CG<br>W2YR<br>W9YE<br>WE9V<br>WW2DX      | <b>2191</b><br>EA8TH<br>IK2DZN<br>JJ6DGP<br>LA5SJA<br>PY1KN                                                                | <b>2183</b><br>4X6KA<br>JA3UCO<br>JJ0DRC                                       | <b>2173</b><br>4F2KWT<br>G0DBE<br>K2AU<br>KR6C<br>LU5FF<br>OE2SCM | <b>2163</b><br>N4UOZ<br>UA1AIR                                          | <b>2154</b><br>KO8SCA<br>SP3V                                               |
| <b>2199</b><br>JA6QHQ<br>WB8B                                                | <b>2190</b><br>EA3EQS<br>N4SC                                                                                              | <b>2182</b><br>JH1SOD                                                          | <b>2172</b><br>KF9UG<br>KK0M                                      | <b>2162</b><br>F6HLC<br>N6KZ<br>N7IP<br>RZ0AF<br>W7AV                   | <b>2153</b><br>EA3GHQ<br>JE2VLG<br>JH0RVY<br>K2BA<br>K4KAY<br>OH2BF<br>S50R |
| <b>2198</b><br>JA2VHO<br>JA3LDH                                              | <b>2189</b><br>AI6Z<br>IK1ADH<br>JA8CJY<br>JH6WDG<br>N4AL<br>N8NN                                                          | <b>2181</b><br>IV3TMM<br>JH0NEC<br>JP1TRJ<br>W6SL                              | <b>2171</b><br>JA2KVB<br>UT3UY                                    | <b>2161</b><br>JH1WJR<br>NJ3K                                           | <b>2152</b><br>JA1EMQ<br>N4IQ<br>UA3O<br>W6IGK                              |
| <b>2197</b><br>SM5CBM<br>SP6MAA                                              |                                                                                                                            | <b>2180</b><br>IV3TDM<br>JA8BAR<br>RW3QM<br>UN3G<br>W5RQ                       | <b>2170</b><br>JH1VHU<br>JH3GFA<br>KX4TT<br>N7UN<br>SV3AQR        | <b>2160</b><br>I5REA<br>IK1CJO<br>IK4HPU<br>JF3PNQ                      | <b>2151</b><br>SP1MWK<br>W6KK<br>WA3PTF                                     |
|                                                                              |                                                                                                                            | <b>2179</b><br>IV3YIB<br>JF1RPZ<br>WA1PMA                                      | <b>2169</b><br>JA3MF<br>KH6M<br>OH3NDH                            |                                                                         | <b>2150</b><br>IK1IYU                                                       |

|                                                                              |                                                              |                                                                       |                                                                                      |                                                                      |                                                                      |
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| JA0RCK<br>JA4KDT<br>KU4XO<br>SM5FWW<br>YB0COU                                | K8KWT<br><br><b>2141</b><br>DL9RCF<br>HB9JOE<br>N1RK<br>N6IE | W3TN<br><br><b>2131</b><br>JA3WLN<br>JH1BSJ<br>K1RV<br>RN3CT<br>W7QDM | K9TF<br><br><b>2121</b><br>A65CA<br>IK2ILH<br>K5NZ<br>KM6HB<br>W8JV<br>WQ6Q          | KS4S<br>SM7BHH<br>W4SK<br><br><b>2113</b><br>JA1OVF                  | UR7QC<br><br><b>2103</b><br>JJ2KDZ<br>JK1ODA<br>K6BV<br>KK2M<br>W3BG |
| <b>2149</b><br>IZ0NRG<br>IZ5MOQ<br>JG4NNS<br>K0GW<br>K4EA<br>RW9QA<br>VE2BR  | <b>2140</b><br>CT4GO<br>IW0GBU<br>JL1CNY<br>JS6TWW           | <b>2130</b><br>EA8AXT<br>IK0OPS<br>IS0AFM<br>K0DEW<br>K5CD<br>W6YOO   | <b>2120</b><br>JA1WTI<br>JH2VVH<br>K5DC<br>W1WC                                      | <b>2112</b><br>AE0P<br>EA8DOX                                        | <b>2102</b><br>CT1FUH<br>JH7IMX<br>PA0GMM                            |
| <b>2148</b><br>CT1GPQ<br>DL7UPN<br>K4YYL<br>K5GH<br>W5UE                     | <b>2139</b><br>JF0JYR<br>K8BZ                                | <b>2129</b><br>N2AJ<br>XE1H                                           | <b>2119</b><br>JA7XBG<br>K6NR<br>NU1B<br>W2KA<br>WB3LHD<br>WI8R                      | <b>2111</b><br>7M4AOE<br>JA4FJL<br>JH0MHR<br>K3PP<br>K3STX<br>SM4DDS | <b>2101</b><br>EA6AJ<br>JA4QAD<br>JH7DFZ<br>K1DC<br>W8JH             |
| <b>2147</b><br>N3QE<br>VE3JV                                                 | <b>2138</b><br>W9MJ                                          | <b>2128</b><br>JA0LXP<br>KE9I<br>RW4PU<br>UN6P<br>WA2USA              | <b>2118</b><br>JR6SVM<br>OM5FM<br>R3QW                                               | <b>2110</b><br>F2NH<br>HB9CRV<br>JA1WWO<br>JA8XQI<br>NA5Z<br>RA1OD   | <b>2100</b><br>DS4AOW<br>EC1AIJ<br>K6IPM<br>OH1HB<br>W8MK            |
| <b>2146</b><br>9A5TW<br>EA8MT                                                | <b>2136</b><br>G3IFB<br>IW3GJF<br>IZ7AUH<br>K7LV<br>N1IX     | <b>2127</b><br>HB9AAL<br>K7ACZ<br>W9VNE                               | <b>2117</b><br>ER5DX<br>NH6T/W4<br>OM8FR<br>W0CP                                     | <b>2109</b><br>CT1BWW<br>HB9MEJ<br>JA1UII<br>JA2QXP<br>UR5WCW        | <b>2099</b><br>EA8RR<br>N4JR<br>NP4G                                 |
| <b>2145</b><br>DF5WA<br>EC1A<br>KB9DAK<br>RQ3A<br>RU6FZ                      | <b>2135</b><br>AA3LX<br>AA4M<br>IK0UTM<br>IZ8EEI<br>JA7BEW   | <b>2126</b><br>K4OY                                                   | <b>2116</b><br>F6DBX<br>JA3QOS<br>K3OX<br>NI3K<br>SM7HCW<br>W5WTX<br>W8LMG<br>WB2GAI | <b>2108</b><br>JA1AML<br>KW4V<br>NA9Q<br>YO3ND                       | <b>2098</b><br>JH6RFT<br>KI1U                                        |
| <b>2144</b><br>DK2OY<br>W4IS                                                 | <b>2134</b><br>IZ2EWR<br>K9SG<br>WB5TUF                      | <b>2124</b><br>CU3AA<br>OZ5NJ<br>W4GIW<br>W5LO                        | <b>2115</b><br>EA1KY<br>RK9A                                                         | <b>2107</b><br>G4DJJ<br>K3PU<br>K9AU                                 | <b>2097</b><br>JG3RWX                                                |
| <b>2143</b><br>JA1CZI<br>JA3VPA<br>JA5AFW<br>JF3SUL<br>K4KGG<br>K7KB<br>W9RC | <b>2133</b><br>F5VHQ<br>JA2FCZ<br>RA3LO                      | <b>2123</b><br>AB4I<br>KZ8Y                                           | <b>2114</b><br>IZ5NFD<br>KA2NDX<br>KE8KMX                                            | <b>2106</b><br>AF5CC<br>JE3GUG<br>K9JU                               | <b>2096</b><br>F5NBX<br>HA1DAE<br>JA1QWT<br>W2JLK<br>W5WP            |
| <b>2142</b><br>CT3DL<br>JE8LWZ                                               | <b>2132</b><br>JF2DND<br>K7UT                                | <b>2122</b><br>DL8TV<br>K1ZE                                          |                                                                                      | <b>2104</b><br>HB9BHY*<br>JA3KNN                                     | <b>2095</b><br>K1UI<br>KE4UW<br>ON4RU                                |



|                                                                                 |                                                                                   |                                                                                   |                                                                                          |                                                                                      |                                                                                       |
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| <b>2094</b><br>IK2CHZ<br>K1MAA*<br>SV1FJF                                       | <b>2083</b><br>IT9ODQ<br>JA1JPM<br>JL1OEC<br>UR5ECW                               | KI4GE<br>RA3FH                                                                    | <b>2066</b><br>DL4LAM<br>KD2T                                                            | <b>2058</b><br>IK2PZC<br>JA1FJJ<br>PY5IP<br>W0FK<br>W1ZK                             | <b>2048</b><br>JL1OXH<br>K8NS<br>NT2A                                                 |
| <b>2093</b><br>JE2PCY<br>K2RU<br>KA9UVY<br>N9PGG<br>VE3ZZ                       | <b>2082</b><br>K4YJ<br>N4OA<br>SV1CQN                                             | <b>2074</b><br>DL8PG<br>IU8FRE<br>JH7CUO                                          | <b>2065</b><br>G3LUW<br>IK0OER<br>JL1ARF<br>K4ST<br>NU1O<br>W5GA                         | <b>2057</b><br>PY2FN<br>W0TM                                                         | <b>2047</b><br>JL2PQV<br>JP7EIP<br>K2AJY<br>K9OR<br>N4AA*                             |
| <b>2092</b><br>N5AQ<br>R1MA<br>ZL2AL                                            | <b>2081</b><br>AC4VM<br>KK4OK<br>NA4EA<br>PY2GG                                   | <b>2073</b><br>DJ0MCH<br>K6UFO<br>K9RT<br>ND4V<br>W5DM<br>W5THT                   | <b>2064</b><br>DL3BRE<br>EA3NY<br>GM4FDM<br>HL4GAV<br>JA1DDZ<br>JH1MFN<br>N4QWZ<br>YB2DX | <b>2056</b><br>K4AV<br>KU5B<br>RN3D                                                  | <b>2046</b><br>IT9ZZO<br>K4WM<br>NU4E<br>WA3I                                         |
| <b>2091</b><br>EB3CW<br>G4FKA<br>G4XRV<br>NR2C<br>W1TO<br>W2ZI<br>W4RDX<br>WB0O | <b>2080</b><br>JH1EDD<br>JH1ORA<br>JJ2RCJ<br>KC6X<br>N0AH<br>NV4B<br>W5LE<br>W5QM | <b>2072</b><br>GI4DOH<br>JL3JRY<br>R9SC<br>SM4BZH                                 | <b>2063</b><br>CT3CD<br>PT7ZT                                                            | <b>2055</b><br>WB4VAM                                                                | <b>2045</b><br>K3VN<br>RK2FWA<br>W2PP                                                 |
| <b>2089</b><br>IK0XEZ<br>IT9RTA<br>SM0MPV                                       | <b>2079</b><br>JA1GVM<br>JR1IZM<br>K8AV<br>K9RE<br>KN4KL<br>N1IW<br>W6DE          | <b>2071</b><br>JA4HWX<br>KF6HI<br>N0ABA<br>N7ZO<br>N9JR<br>PA0INA<br>W3GG<br>WV6E | <b>2062</b><br>I0LYO<br>KK9H<br>W2YK                                                     | <b>2053</b><br>DS5DNO<br>JA4IXI<br>OE5TXF<br>ZS1J                                    | <b>2044</b><br>JR1VAY<br>UN7JID                                                       |
| <b>2087</b><br>K9WX<br>KF0LA<br>R3CR                                            | <b>2078</b><br>GW4BKG<br>K2TER<br>N3KN<br>N8EHW<br>YO2DFA                         | <b>2070</b><br>AA9LC<br>ND5S<br>UN7G                                              | <b>2061</b><br>AA4NC<br>GU0SUP<br>JA1GUC<br>JH1FSB<br>K1TZQ<br>W1AO<br>W1ITU             | <b>2052</b><br>JE1CSW<br>JM1SZY<br>K5TA<br>KK0DX<br>OM7CA<br>RA3TT<br>SM0HEV<br>W7SX | <b>2043</b><br>I8DVJ<br>K2UFM<br>K6MKF<br>NA9A<br>SM0DSF<br>W4ZYT                     |
| <b>2086</b><br>JE6HGL<br>K1FEV<br>K1OR<br>K3BR<br>NO4J<br>WC3W                  | <b>2077</b><br>XE1J*                                                              | <b>2069</b><br>JA2MNB<br>KJ7M<br>SP6NIN                                           | <b>2060</b><br>CS8ABF<br>DJ7ZG<br>I5JFG<br>PA0TCA                                        | <b>2051</b><br>KJ7TEA<br>PY2DV                                                       | <b>2042</b><br>IK5BOH/2<br>JA1DOT<br>K1RI*<br>KA6BIM<br>LZ2ZG<br>N4HN<br>N9YB<br>NE0U |
| <b>2085</b><br>DL5XL<br>PA3GCV                                                  | <b>2076</b><br>DL3LBM<br>N1ZZ<br>OZ0J                                             | <b>2068</b><br>AA9RR<br>N4NW<br>R3LA                                              | <b>2059</b><br>DL6LIM<br>N0IJ<br>WD8NVN<br>WD8PKF                                        | <b>2050</b><br>AC9S<br>HB9DVO<br>K4JLD<br>WB8FSV<br>WD8ANZ                           | <b>2041</b><br>AB4UF<br>HB9TOC<br>IT9GSF<br>JH7VTE<br>JN3TRK<br>OR7K<br>SP2MEF        |
| <b>2084</b><br>JF1LZQ<br>WE4S                                                   | <b>2075</b><br>JA8DSO                                                             | <b>2067</b><br>JA1NCZ<br>JH8GEU<br>N2ZA<br>N6PEQ<br>NK4L                          |                                                                                          | <b>2049</b><br>F5INJ                                                                 |                                                                                       |

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| SP6AXW<br>SV8DOU                                                                  | KI6CG<br>LZ2HN<br>W7VY<br>W8QZA/QRP<br>WB4YDL                                              | RT0F<br>WC6DX                                                                         | <b>2015</b><br>DK3GG<br>K3WWT<br>K9MMS<br>RK7T<br>VU24DX<br>YB1AR                                             | SP5APW<br>TI5CDA                                                                             | HB9DVZ<br>HK4L<br>JA6IVR<br>JE1PHH<br>K2QPN<br>K5FNQ<br>K5IB<br>KD8RQE<br>SV3FUO<br>VE4EAR<br>W1LE                                                                                                                     |
| <b>2040</b><br>K1DJ<br>LA7WCA<br>N3NR<br>N7QT                                     | <b>2031</b><br>W7IV                                                                        | <b>2023</b><br>JH3QMF<br>JR1EYB<br>KB6CIO<br>N0ODK                                    | <b>2014</b><br>EA8DIB<br>IZ1DFG<br>K2AT<br>N7TT                                                               | <b>2008</b><br>6K5YIA<br>LZ2XF                                                               | <b>2007</b><br>DK3UA<br>DK5DC*<br>JP1HDK<br>KV1E<br>N6OJ                                                                                                                                                               |
| <b>2039</b><br>DK9CG<br>I8OCA<br>VE3KI<br>W7IB                                    | <b>2030</b><br>N3JT<br>N6PAT<br>NY3C<br>UA6AUA                                             | <b>2022</b><br>JA8EJZ<br>SV2HXX<br>W6AER                                              | <b>2013</b><br>DF2UA<br>DK1WU<br>G0MTN<br>JA1QXC<br>JT1BV<br>RA3QUA<br>SQ7NSN                                 | <b>2006</b><br>4X1VE<br>DM3AZ<br>JA3EJG<br>JE0ART<br>KB4MRX<br>WA6JA                         | <b>2001</b><br>BH4IGO<br>DL6OCM<br>HB9DQV<br>IK1UGX<br>IW0BCF<br>JE4NAN<br>K6KZM<br>N1QY<br>N4XYZ<br>N9TF<br>N9XX<br>OE3KLU<br>SP5TT<br>VE6TL<br>VR2XMT<br>YB1RUS<br>YO4DW                                             |
| <b>2038</b><br>AH0U<br>F1ICS<br>WA5IPS                                            | <b>2029</b><br>GW3SFC<br>N4IG<br>RA1OHX                                                    | <b>2021</b><br>IV3IXN<br>JF2OZH<br>JH1OGT<br>JH4RUF<br>JH7XPW<br>M0CSD<br>W3BJ        | <b>2012</b><br>JE0VJV<br>N6MB<br>VE3MV<br>W5KI                                                                | <b>2005</b><br>DF7AP<br>HA5BSW<br>JH1NYN<br>JL3MCM<br>NJ7G<br>SM6CKU                         | <b>2000</b><br>AD8RL<br>CT2FEY<br>DF1KG<br>DL2RUM<br>DL2SWN<br>FG4NO<br>I0GOD<br>IT9AAI<br>IU2ANW<br>IW3SSA<br>IW7DOL<br>JH0AWC<br>JH0NOS<br>JH1ERJ<br>JK7LXU<br>JN1XNI<br>JQ1TIV<br>JQ1YIW<br>JR7ILA<br>K1RH<br>K6TAR |
| <b>2037</b><br>DK2CC<br>JA3MHA<br>K2EK<br>K8YYY<br>NA2AA<br>W3ACO<br>W7IU<br>W7NN | <b>2028</b><br>DJ0UT<br>IK0CHU<br>SM5AOG<br>YB1TJ                                          | <b>2020</b><br>AK5Q<br>EI2HY                                                          | <b>2011</b><br>4Z5SG<br>DJ6HR<br>JA0CIU<br>NS4P                                                               | <b>2004</b><br>DM1TT<br>EA1DLU<br>JA1IAZ<br>JH0OXS<br>KC9K<br>RA3ANL<br>SP3QYQ               |                                                                                                                                                                                                                        |
| <b>2036</b><br>BG2QMO<br>N7GR<br>UA3FF                                            | <b>2027</b><br>F5OVQ<br>IU8FRF<br>JE7ETY<br>NI3P                                           | <b>2019</b><br>JA2MOG<br>JI6IHG<br>K1BZ<br>K1JIU<br>N1KDO<br>SM5BMB                   | <b>2010</b><br>DF1ZN<br>DK8MM<br>JA1NRH<br>JE1HRC<br>K2BB<br>K9SE<br>RA3BL<br>VA7RY<br>VE3SKX<br>WB3D<br>WQ5R | <b>2003</b><br>EA5B<br>F1RAF<br>IU8HEP<br>K5UZ<br>KD5QHV<br>KE3D<br>LB2HG<br>UA4PCM<br>YO7NE |                                                                                                                                                                                                                        |
| <b>2035</b><br>AA4VV<br>JA7KE<br>KM1C<br>WC4H                                     | <b>2026</b><br>9A5F<br>JA1PCM<br>JF6XQJ<br>JI1WLL<br>K3NQ<br>N3ND<br>RT5A<br>W7JY*<br>XE2D | <b>2018</b><br>JA4SSM<br>JK1VXE<br>K0EOO<br>ON7TK                                     | <b>2009</b><br>9A4SS<br>AA0MZ<br>JG6NGS<br>R3DG                                                               | <b>2002</b><br>HB9AWS<br>HB9CIC                                                              |                                                                                                                                                                                                                        |
| <b>2034</b><br>N4TOL<br>SM5FQQ                                                    | <b>2025</b><br>7K1CPT<br>EA5OX<br>JH6DUL<br>JL2KEQ<br>K3GT                                 | <b>2017</b><br>JA4EVN                                                                 |                                                                                                               |                                                                                              |                                                                                                                                                                                                                        |
| <b>2033</b><br>K3SV<br>V51B                                                       | <b>2024</b><br>HB9FMT<br>N1JP                                                              | <b>2016</b><br>DK5RL<br>HL5BMX<br>JE3MDQ<br>NA2U<br>RU9UC<br>VA7CRZ<br>W1OP<br>WA6SCW |                                                                                                               |                                                                                              |                                                                                                                                                                                                                        |
| <b>2032</b><br>HB9DOT<br>IK2RZP<br>IK5PWN                                         |                                                                                            |                                                                                       |                                                                                                               |                                                                                              |                                                                                                                                                                                                                        |

|                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| LA1K<br>N5QS<br>NG7M<br>OH1TSM<br>OH2CLX<br>R5QA<br>RC2A<br>RD4A<br>SQ5NRY<br>VK5GR<br>W0IZ<br>W3BNN<br>W4KA<br>W5VX<br>W8LKG<br>W9ZCL<br>WV8DX<br>YB2TX | OM3IM<br><br><b>1987</b><br>DK3WG<br><br><b>1986</b><br>JA3MVI<br>JE2EBT<br>K1ACL<br>N1UK<br>N6NO<br>W0SR<br><br><b>1985</b><br>K6MM<br><br><b>1984</b><br>DJ9WH<br>JE3EDJ<br>JI1CQA<br>JR7MAZ<br>N2FF<br>N9ZI<br>VE6BMX<br>W6HDG<br><br><b>1983</b><br>DF2PI<br>KK4OW<br><br><b>1982</b><br>DL1RWN<br>I1YDT<br>JA1SGU<br>KE8UM<br>RA4WE<br><br><b>1981</b><br>EA2AFV<br>IK7WPC<br>WA0ROI<br><br><b>1980</b><br>G3LDI<br>IZ4DIW<br>VA7ZT<br><br><b>1979</b><br>AA9GR<br>I8LWL<br><br><b>1978</b><br>IV3AZZ | IZ8EJB<br><br><b>1976</b><br>DL5OCE<br>KY6R<br>W9LN<br>WB2BIN<br><br><b>1975</b><br>JF1WLK<br>JO1LVZ<br>K3NF<br>K5QX<br>NQ3A<br>ON4UN*<br>SP5JXK<br>W0PSY<br><br><b>1974</b><br>K8FC<br><br><b>1973</b><br>DL2NOM<br>HB9FAN<br>IK0WMJ<br>JA4XH<br>JH8UQJ<br>WS1L<br><br><b>1972</b><br>DL3JPN<br><br><b>1970</b><br>JR0PJR<br><br><b>1969</b><br>JP1LRT<br>WB6CJT<br><br><b>1968</b><br>G4NXG<br>K0LB<br>OZ4AAL<br><br><b>1967</b><br>AA4DD<br>DL9IU<br>JA0NZR<br>JG3WCZ<br>JM1TWR<br><br><b>1965</b><br>JA3HBC | KB9VF<br>N7WO<br>N9KW<br>NU4Y<br><br><b>1964</b><br>EI3IO<br>IK2UJS<br>SV8BHN<br>W9MO<br><br><b>1963</b><br>JA1BNW<br>KU8X<br>NE1F<br>W9SN<br>WB8ART<br>YE9BJM<br><br><b>1962</b><br>CU3AN<br>HA5CW<br>VE3CV*<br><br><b>1961</b><br>EA7QW<br>K5RJ<br>K9ALP<br><br><b>1960</b><br>JA1CFZ<br>W5JMW<br><br><b>1959</b><br>JR6CSY<br>K9JN<br>SM5CAK<br>W1DYJ<br><br><b>1958</b><br>K5ZQ<br>N5TW<br><br><b>1957</b><br>K1VW*<br>N2RJ<br><br><b>1956</b><br>AA6RR<br>CT2GLO<br>K4WES<br>SP5MXZ<br>WA1YTW | <b>1955</b><br>K3FM<br>SP6EIY<br>W1CSM<br>W8FN<br><br><b>1954</b><br>DM2TO<br>K8VC<br>WP3R<br><br><b>1953</b><br>K2BX<br>K4WZ<br>N3KV<br>W9IL<br><br><b>1952</b><br>W2NK<br><br><b>1951</b><br>IZ0BT<br>JG1HVC<br>VE7TK<br><br><b>1950</b><br>N0STL<br>N5UW<br>WA4DOU<br>WC4X<br><br><b>1949</b><br>W1AW<br>W4DAO<br>W4LEW<br><br><b>1948</b><br>KV4AA<br>YV5OIE<br><br><b>1947</b><br>DL6XK<br>N4ENE<br><br><b>1946</b><br>K5WBM<br>KL7HBK<br>LZ3CB<br>WA2MBP<br><br><b>1945</b><br>DJ8NT<br>ND3L | WW5G<br><br><b>1944</b><br>DM2FX<br>NE8Z<br>W6JZ<br><br><b>1943</b><br>KN4PPD<br>W8TE<br><br><b>1942</b><br>CU3EJ<br>IK0EFR<br>K0KP<br>UA4SKW<br>W2CVW<br>W5UQ<br><br><b>1941</b><br>K2CIB<br>ND8L<br>ON4ANN<br><br><b>1940</b><br>DL7UVO<br>IZ8AJU<br>K4MY<br>N8AYY<br><br><b>1939</b><br>AC6DX<br>JH8NBJ<br>N2NW<br>SM0BYD<br>UA9CGL<br><br><b>1938</b><br>IZ0CKJ<br>KE1VT<br>NA2P<br><br><b>1937</b><br>K4MF<br>N3OC<br>YO2KHK<br><br><b>1936</b><br>EI5GSB<br>JR4LZX<br>WB0N |
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| <b>1935</b><br>N1KC<br>N6NU<br>WO2X                       | <b>1925</b><br>G3WW<br>K1JD<br>W1NA                    | WV2I                                                                          | <b>1903</b><br>F4GVO<br>IK0WRB<br>JH2HHJ<br>KD8F                                       | <b>1893</b><br>W1UK                                   | VE3YV<br>W2PA                                                        |
| <b>1934</b><br>DK4TP<br>JP7FSO<br>NA6L                    | <b>1923</b><br>IZ1JMN<br>KF7F                          | <b>1912</b><br>DL2RTL<br>IK6GRT<br>JA2ITK                                     | <b>1902</b><br>JQ1ALQ<br>N7ELL                                                         | <b>1892</b><br>K8QKY                                  | <b>1882</b><br>DL6KO<br>EA5RU<br>K7GS<br>TF3DC                       |
| <b>1933</b><br>CU3AK<br>JA8AZN<br>KI4WCQ<br>W1SLF<br>WN6K | <b>1922</b><br>DL4RCK<br>LY3UM                         | <b>1911</b><br>JH1RFM<br>UT7KF                                                | <b>1901</b><br>F5JSD                                                                   | <b>1891</b><br>K2RET<br>K6XN<br>LA9TY<br>SP7ICE       | <b>1880</b><br>AA6PW<br>JA0EVI<br>OZ1HPS<br>UR4QFP<br>WB2KSK<br>WX0B |
| <b>1931</b><br>JF1IXE<br>WA9GON                           | <b>1921</b><br>AB2E<br>HB9FBG<br>JA2KSP<br>WY1G        | <b>1910</b><br>JG1DUZ<br>NC4RB                                                | <b>1900</b><br>AA4UC<br>JA7BSD<br>JA7FAS<br>JG1LBN<br>JH7WQX<br>W3US<br>W4PNY<br>YL2CA | <b>1890</b><br>K3DFL<br>K4SX<br>W8QID                 | <b>1889</b><br>N2ZZ<br>W8NGA                                         |
| <b>1930</b><br>G0BBB<br>IK8CNT<br>K5TN<br>K9FZ*           | <b>1920</b><br>K9AW                                    | <b>1909</b><br>EA1KP<br>IK3ITX<br>W2CDO<br>W7WZ                               | <b>1899</b><br>EA3ELW<br>JH7QLR                                                        | <b>1888</b><br>IQ2VA<br>MM0BQN<br>N7UVH<br>W4YCH      | <b>1879</b><br>JH5HDA<br>RD9M                                        |
| <b>1929</b><br>JA1OND<br>JA7FWR<br>RL3AA                  | <b>1919</b><br>AA4LR<br>NR9J<br>W0FS                   | <b>1908</b><br>KD4W                                                           | <b>1898</b><br>DF3EC<br>DL8OH<br>UN1L                                                  | <b>1887</b><br>DF6TC<br>K9DT<br>KM3J<br>NY1V<br>SP3AU | <b>1878</b><br>K5AB<br>K5KG<br>K9UQN                                 |
| <b>1928</b><br>K5OA<br>K6MW<br>N5WA<br>N6RK<br>W5KK       | <b>1917</b><br>7J1ADJ<br>DJ3AS<br>K2XB*<br>N4PYI       | <b>1907</b><br>AK5X<br>DL4NBE<br>DL5MHQ<br>DL5NO<br>IK4HLO<br>SV3ICK          | <b>1897</b><br>G3XLF<br>JR0QFA<br>K4XU<br>YO3JF                                        | <b>1877</b><br>JH1FVE<br>JR7XOD                       | <b>1876</b><br>AA4AK<br>HL2VA                                        |
| <b>1927</b><br>DM2HK<br>EW1P<br>I4JEE<br>JE1OHL<br>S58J   | <b>1916</b><br>AD5MN<br>DL4FAP<br>W8HMK                | <b>1906</b><br>HB9IIO<br>I4JED<br>JA1HOM<br>KQ4EE<br>KV4FZ*<br>N3KS<br>OE1SZW | <b>1896</b><br>AD7L<br>JA2EWE<br>W9VG<br>WB5AAA                                        | <b>1886</b><br>AB4GE<br>WB2WPM                        | <b>1875</b><br>VU2DCC<br>WB4KTF                                      |
| <b>1926</b><br>JA4CZM<br>JM1VRW<br>RD3BD<br>UA3FX<br>W3SB | <b>1915</b><br>W2WC                                    | <b>1905</b><br>JA6JEW<br>KW4MM<br>SM1TDE                                      | <b>1895</b><br>JJ1PFC                                                                  | <b>1885</b><br>DK6OR<br>OZ3SK*                        | <b>1874</b><br>DL7KL<br>JA7VEI<br>K6IPV<br>WB6JJJ                    |
|                                                           | <b>1914</b><br>DL1HBT<br>N6AX<br>N6ZN<br>VR2CH<br>W5GO | <b>1904</b><br>DL1DAW<br>G4FAL<br>W8BLA<br>YO4AUL                             | <b>1894</b><br>DL1USB<br>JA0AXV<br>KB1HY<br>W4HZ                                       | <b>1884</b><br>G3YQA<br>KZ9DX<br>SM7EH*<br>W1KDA      | <b>1873</b><br>AG5W<br>WA4VA                                         |
|                                                           | <b>1913</b><br>IV3ARJ<br>NY6C<br>RK9UN<br>W0UC         |                                                                               | <b>1883</b><br>F6BPZ<br>IW0BYL<br>JJ1QUV<br>PA3BWD                                     | <b>1872</b><br>EA4DEI<br>JA4GXS<br>K4JWA<br>SM6CLU    |                                                                      |

|                                                                 |                                                                |                                                                      |                                                                 |                                                           |                                                           |
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| W3TI                                                            | <b>1862</b><br>DJ5IO<br>WD4OIN                                 | <b>1852</b><br>DL1TS<br>HB9EBM<br>W0QC                               | <b>1843</b><br>KK4CB<br>N1API<br>N1MD                           | K1XV<br>N6MXU                                             | <b>1823</b><br>F6KOP<br>NI5F<br>NK5B<br>SQ9OH             |
| <b>1871</b><br>K4EU<br>W8OM                                     | <b>1861</b><br>N1AC<br>W1EL                                    | <b>1851</b><br>DK4PE<br>EA5DFV<br>JA7GYP<br>N6GP<br>WA4QMQ<br>WB8BZK | <b>1842</b><br>E74K<br>HB9VAB<br>NE9Z                           | <b>1833</b><br>LU8ADX<br>N5FF<br>SM5BS<br>W8CD<br>WA7BNG  | <b>1822</b><br>EA6LP<br>KE4KY<br>WB0TVY                   |
| <b>1870</b><br>N6QI                                             | <b>1860</b><br>DL5KUA<br>K3GGN<br>LA5FJA                       | <b>1850</b><br>IT9BLB<br>JA2KTP<br>JA7JPZ<br>N3XM<br>ZL1HD           | <b>1841</b><br>DJ8OG<br>G4ZOY<br>W0DD<br>WB2AQC                 | <b>1832</b><br>AG7N<br>JA1XEL<br>JR3VMJ<br>WC7Q           | <b>1821</b><br>YV5LI                                      |
| <b>1869</b><br>JA0MRW<br>JA1UTZ<br>JH0EQN<br>RU1AO<br>WK7E      | <b>1859</b><br>IK5FKE<br>WX2U                                  |                                                                      | <b>1840</b><br>DK5JI<br>EI6IZ<br>HL2ZN<br>K0MD<br>K2MP<br>W0KCJ | <b>1831</b><br>K5OT<br>KM4NS<br>SM3PHM<br>VK3FM           | <b>1820</b><br>BV1EK<br>JA3EY<br>K8ZM<br>UB3A             |
| <b>1868</b><br>SV1OZ<br>UA1ORK                                  | <b>1858</b><br>EU1M<br>I4JBJ<br>J13CJP<br>K4MV<br>NL7S<br>SP3F | <b>1849</b><br>AJ8B<br>IZ8MBW<br>K5DB<br>KF2T<br>ZS6NJ               |                                                                 | <b>1830</b><br>K0OK                                       | <b>1819</b><br>JA5DBE<br>JA7MAD                           |
| <b>1867</b><br>JH8KFE<br>LZ1MS<br>RA4P<br>RO1B                  | <b>1857</b><br>AA4U<br>JM1LPN<br>PA0JNH                        | <b>1848</b><br>W1WLW<br>W6WF                                         | <b>1839</b><br>J13BFC                                           | <b>1829</b><br>IV3AVQ<br>KD1F                             | <b>1818</b><br>K0THN<br>K3AJ<br>KZ7N<br>W5BK<br>YO9BXE    |
| <b>1866</b><br>5B4XF<br>K1JB<br>K9CS<br>RA0BA<br>RT3M           | <b>1856</b><br>W3ML<br>WT3Q                                    | <b>1847</b><br>AJ8MH<br>KE1R<br>VE1OP<br>WB4QOC<br>YB1TQL            | <b>1838</b><br>DJ1TO<br>EI7CC<br>W9HP                           | <b>1828</b><br>JA1QIW<br>K2IXQ<br>WX6V                    | <b>1817</b><br>JA1PPW<br>W2DXE<br>WA4BIM                  |
| <b>1865</b><br>AC9O<br>K3PT<br>N4GU<br>SK3BG<br>SP6IEQ<br>W4DEE | <b>1855</b><br>HB9BOU<br>JA1VRU<br>JL1GYZ<br>JT1CO<br>K5CWR    | <b>1846</b><br>HB9HVG<br>JA2XW                                       | <b>1837</b><br>CX2CC<br>DF8FT<br>EI2JD<br>K1ZJA<br>LY9Y         | <b>1827</b><br>HB9DDM<br>JG1SWM<br>K8KI<br>N1IA<br>UA9FFV | <b>1816</b><br>OK4YL<br>S52FW<br>TF4M                     |
| <b>1864</b><br>IZ6ERS<br>JH1FNU<br>MU0FAL<br>W1EG               | <b>1854</b><br>N8PCN<br>WA5POK                                 | <b>1845</b><br>G3YBO<br>HB9DQL<br>KL7TC<br>WY6N                      | <b>1836</b><br>HB9HBZ<br>K0SD                                   | <b>1826</b><br>K5VR<br>N4RZ<br>W2CQ<br>YO3DDZ             | <b>1815</b><br>JH8OCV<br>W1PX<br>W3KB                     |
| <b>1863</b><br>JA1PAH<br>LA4YGA<br>N3ZOM<br>WO9S                | <b>1853</b><br>KP4AA<br>LU4FW<br>N7MQ<br>RN3TT<br>W2RIJ        | <b>1844</b><br>DF9HI<br>N2KI<br>N8SHZ<br>ZL3RJ                       | <b>1835</b><br>EA2AGV<br>JA6HQT<br>NA6MG<br>NN4Q/QRP<br>W0ZD    | <b>1824</b><br>AH2O<br>DL7APK<br>JJ1KZZ                   | <b>1814</b><br>4X4MF<br>7L1CYC<br>F4WDL<br>IZ0GYP<br>NO0B |
|                                                                 |                                                                |                                                                      | <b>1834</b><br>HK3PJ<br>JF7ELG                                  |                                                           |                                                           |

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| <b>1813</b><br>AF2D<br>JI1LAT<br>VK6LC                                     | SP8LBK                                                    | <b>1793</b><br>G7VJR                                                          | <b>1784</b><br>I1PLX<br>I2TZK<br>JJ2ONH<br>K4QE<br>LA8AW<br>W3MF | <b>1775</b><br>BA4TB<br>I8YAV<br>N3MK<br>WA2UBK                                        | <b>1766</b><br>DL4UCS<br>K4JPD<br>KC2SST<br>N2KX<br>SP5ELW           |
| <b>1812</b><br>JA2OLJ<br>K3MSB<br>K8DP<br>W7CD<br>W9CSX                    | <b>1803</b><br>DL8SDC<br>JH2KMK<br>VE6KC                  | <b>1792</b><br>DL3EA<br>HB9HIT<br>JH4RLY<br>JR6GIM<br>K4GO<br>VE7SZ<br>XE1FAS |                                                                  | <b>1774</b><br>JA3AVO                                                                  | <b>1765</b><br>K7XC<br>SP5LKJ                                        |
| <b>1811</b><br>HB9IJC<br>IZ3BJK<br>N8NA<br>OH2RI                           | <b>1802</b><br>K2MK<br>KE5PO*<br>WK8A                     | <b>1791</b><br>HA2NA<br>N4NR<br>N6WM<br>W3DM                                  | <b>1783</b><br>IW7DVM<br>IZ0CBB<br>R9MJ<br>W6FL                  | <b>1773</b><br>AJ7G<br>JH1XEF<br>JH7HIQ<br>K5ALQ<br>OZ7DN<br>PY2SEX<br>SM5ACQ<br>W7JET | <b>1764</b><br>DS5RNM<br>HB9ZS<br>UR4IOR<br>UW7UA                    |
| <b>1810</b><br>DL1DWT<br>JA6AVT<br>NM5Z<br>NU7J<br>WC0W                    | <b>1801</b><br>KW1DX<br>N5PR<br>NK7C<br>OH2LHE            | <b>1790</b><br>SV8RX                                                          | <b>1782</b><br>DG5LAC<br>K9QJ<br>KW9U<br>SM0XBI                  |                                                                                        | <b>1763</b><br>IK4THK<br>IK7YTT<br>W9ZJ<br>WA9BZW                    |
| <b>1809</b><br>NX8Y<br>OZ1RE                                               | <b>1800</b><br>I0WTD<br>JA9RBZ<br>VE3YXO                  | <b>1789</b><br>IK2ZJN                                                         | <b>1781</b><br>CT1ESO<br>DL1FKA<br>IZ6CST<br>K0IL                | <b>1772</b><br>4X1SK<br>K9PG<br>UW2ZO<br>WA0SXV<br>WB4GLI<br>WI7P                      | <b>1762</b><br>JH2AJY<br>K6ZP<br>N9MR*<br>S53MJ                      |
| <b>1808</b><br>JA4MMO<br>JH9AUB<br>N3RW<br>W0MU<br>W3UM<br>WB2NPY<br>YL3DQ | <b>1799</b><br>JE1IBI<br>JE2KSM<br>JJ1CZR<br>K1DW<br>N4TD | <b>1788</b><br>JA3HBF<br>K0ARS<br>K4WY<br>KE0A<br>KT2C<br>LA1U                | <b>1780</b><br>EA2AAZ<br>IV3KCB<br>N2GZ<br>S50B<br>W6OD          | <b>1771</b><br>JA7NLW<br>N7BD                                                          | <b>1761</b><br>AA6RE<br>N4SV<br>NA4MM<br>VU2CDP                      |
| <b>1807</b><br>JA9ESZ                                                      | <b>1798</b><br>K1IFJ<br>KC5LK<br>S59DKR<br>W6TK           | <b>1787</b><br>J12KUJ<br>K1OT<br>KF2TI<br>KM7R<br>ON8GT                       | <b>1779</b><br>JA6GIJ<br>K5AV<br>ZS2Y                            | <b>1770</b><br>EA4DL<br>G8BCG<br>SM5YOC<br>WY0V                                        | <b>1760</b><br>4X1RU<br>DK0EE<br>HB9TMW<br>JH2AQI<br>JR1EFG<br>KD3HN |
| <b>1806</b><br>JA6JNF<br>JR6IQI<br>PA0MBD<br>W6DX                          | <b>1797</b><br>EI9FVB                                     | <b>1786</b><br>AA7XT<br>G4AFJ<br>IK4DKO<br>K8EB<br>N2CG                       | <b>1778</b><br>JR3QHQ<br>OH1WR                                   | <b>1769</b><br>SE2T<br>WC7N<br>XE1VIC                                                  | <b>1759</b><br>KA1DJ<br>W0VHF                                        |
| <b>1805</b><br>CT1BXX<br>W6BK                                              | <b>1796</b><br>JF3DRI<br>PB2A                             | <b>1785</b><br>J18PDC<br>JL1BYZ<br>K7NK<br>K9QFR<br>R5DU                      | <b>1777</b><br>EA5AR<br>JA7DYJ<br>JG1IEF                         | <b>1768</b><br>K7LAZ<br>VU2MSA                                                         | <b>1758</b><br>JA1PBV<br>K2PF*<br>KE4S<br>SM5GLC                     |
| <b>1804</b><br>AA8SW                                                       | <b>1795</b><br>JR1DQK<br>K5ZD<br>KA9OKH<br>WC4B           |                                                                               | <b>1776</b><br>K8YE<br>W8GEX<br>YE4FNN                           | <b>1767</b><br>K0QQ<br>N1LID<br>VE1SK<br>VE3VC<br>WK4Y*                                |                                                                      |
|                                                                            | <b>1794</b><br>I2YWR<br>PA0VLY                            |                                                                               |                                                                  |                                                                                        |                                                                      |

|                                                                                 |                                                                   |                                                                           |                                                                                                                               |                                                                            |                                                                             |
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| <b>1757</b><br>JE3GNN<br>JH4JLV<br>JI2FBG<br>JS1NDM<br>SV1NJW<br>W4MA<br>WA4MIT | JR1TCY<br>K2JL<br>N1NU<br>N6BM<br>OZ1ACB                          | <b>1740</b><br>DK5QK<br>JA9NUN<br>N5EPA<br>OT1A<br>VK7CW<br>W3HKK         | IZ5FSA<br>JA5JUG<br>N4DWK                                                                                                     | <b>1724</b><br>F5JY<br>JA3CSZ<br>N2ZN<br>YO3AIS                            | <b>1715</b><br>JA7MYQ<br>KK5OQ<br>N1CGP<br>OZ8X                             |
| <b>1756</b><br>DD3KF<br>K1AJ<br>K5CR<br>NE9R<br>W9NIO*                          | <b>1748</b><br>DL2TOS<br>JN4FNZ<br>KW4CQ<br>NA6O<br>RM6B<br>W3ZQI | <b>1739</b><br>AD6ZJ<br>CT1IZW<br>EA3WL<br>K4EB<br>K6RG<br>OE1ALW<br>UN1O | <b>1731</b><br>KR4W<br>N2RR<br>W9GXR<br>WA9JWL<br>WB4CW                                                                       | <b>1723</b><br>AC0W<br>JA8EIA<br>VU2IBI                                    | <b>1714</b><br>K8JE<br>N4BAF<br>N4PL<br>N7KO                                |
| <b>1755</b><br>G7SSE<br>K5TR                                                    | <b>1747</b><br>JA1ETN<br>K4LM*<br>LB7ZG<br>PT7YV<br>SP9GFY        | <b>1738</b><br>F5RQQ<br>N3PS<br>N9IO                                      | <b>1730</b><br>JR7HAN<br>K5TIA<br>PY6HD<br>W3UL                                                                               | <b>1722</b><br>IK2GPQ<br>K2SD<br>KG8CW<br>M0IKW<br>N1WQ<br>W6PBI*          | <b>1713</b><br>HA7LW<br>KB1W<br>N4FN<br>W2GDJ<br>ZS6UT                      |
| <b>1754</b><br>VK2CA<br>W8RV<br>WB7BBQ                                          | <b>1746</b><br>KK9T<br>SM2DMU<br>W9ROG                            | <b>1737</b><br>DL9EO<br>JM1ESG<br>K1DX                                    | <b>1729</b><br>HB9CQL<br>I7PXV<br>JA2PTQ<br>LA2GH<br>XE1L                                                                     | <b>1721</b><br>AA6NP<br>DM3ZF<br>EA2J                                      | <b>1712</b><br>K8SIA<br>OM2RA                                               |
| <b>1753</b><br>RD8X                                                             | <b>1745</b><br>SM5ELV                                             | <b>1736</b><br>JH6WHN<br>N7MB<br>VA7KO                                    | <b>1728</b><br>D2UY<br>JL3OUW<br>NN2D                                                                                         | <b>1719</b><br>AE4CW<br>JP1GUW<br>W6SFK                                    | <b>1711</b><br>JA1FUI<br>KK8MM<br>W1KMA<br>W5UHQ<br>WA0WWW                  |
| <b>1752</b><br>AL7R<br>DL5CL<br>JF2HPA<br>K4MPM<br>PT2ADM<br>W3NS               | <b>1744</b><br>AA0N<br>IZ1JLG<br>K8SL<br>N7JP<br>R1QA<br>RX6DX    | <b>1735</b><br>GW4TSG<br>JE6AVT<br>K7FL<br>RN9CM<br>RU6K<br>W3FJ<br>XE1EE | <b>1727</b><br>AB1J<br>AG4Q<br>IZ0MYH<br>JA1KXT<br>JE4CIL<br>JH9OSX<br>K4AR<br>KQ5M<br>KR8T<br>N3ME*<br>N7HN<br>NA6JD<br>NJ1H | <b>1718</b><br>JI0VIF<br>K6CF<br>ND3F<br>NX2X<br>WA6TLA                    | <b>1710</b><br>JE1HPM<br>JG3KCX<br>K0SRL<br>KG4CUY<br>KS0M<br>W2NY<br>W4GP  |
| <b>1751</b><br>EA5HM<br>LA5XGA<br>LA7EIA<br>W6WA                                | <b>1743</b><br>K0HD<br>WA5NFC<br>WB5NHL<br>WF8R                   | <b>1734</b><br>5B4ALJ                                                     | <b>1726</b><br>HK4EI<br>IK3DVY<br>K4VNY                                                                                       | <b>1717</b><br>K3MD<br>K8ZZU<br>N7VPN<br>SP7CVW<br>SV1GRE<br>WD8KND        | <b>1709</b><br>HB9BNQ<br>JA7BME<br>N7JB                                     |
| <b>1750</b><br>AL7TC<br>JA6ENL<br>JM1JZN<br>N9AOL<br>W4CCS<br>W8NN              | <b>1742</b><br>DL6NDW<br>DL7JRD<br>N5PG<br>VU2LBW                 | <b>1733</b><br>IW9HII<br>JQ2QHQ<br>K2C YE<br>W0MS                         | <b>1725</b><br>N6EE<br>V31MA                                                                                                  | <b>1716</b><br>9A1CKH<br>DK1EI<br>JA6JSY<br>JG1BKX<br>K7WE<br>N3RD<br>NO9E | <b>1708</b><br>DL8DWL<br>IV3FFI<br>JA1SHE<br>JH1SBE<br>K3SF<br>KE6V<br>N8VV |
| <b>1749</b><br>HL5OC<br>JA3UNA                                                  | <b>1741</b><br>N0UN<br>W0PR<br>WW8W                               | <b>1732</b><br>EU4A<br>IK6EIW                                             |                                                                                                                               |                                                                            |                                                                             |

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| <b>1707</b><br>AB2RF<br>AF4Z<br>SM5CSS<br>SV1CIB<br>VE1JS                 | WB2RAJ<br>WB8IZM<br><br><b>1699</b><br>DL7UIO<br>W6GRV                       | W0AD<br>W1UE<br>W4LIA<br><br><b>1691</b><br>JF1AGB<br>JK1WSH<br>KE5FXE<br>KU2C<br>NS3L | JA2HNP<br>K9GS<br>N9LJX<br>W8UQ<br><br><b>1683</b><br>W1JA<br>W4JVN<br>WA2UUK                                                  | <b>1676</b><br>K2RR<br>PA9M<br>VE1VOX<br><br><b>1675</b><br>N5PA<br><br><b>1674</b><br>HL1WP<br>JA1BNL<br>JA1PVX<br>KF1C<br>KL7TS<br>KW4J<br>ON6YH<br>W1JQ | JL6USD<br>K2DC<br>NE3H<br>W0SD<br>W5HD<br>W8NJR<br>W9KVR<br>WA1ZIC<br><br><b>1667</b><br>4X6UU<br>EC5A<br>W9RXJ<br>WA2OTC<br><br><b>1666</b><br>EA4UV<br>F5CT<br>IW2BZY<br>JA1TD<br>JA7OVC<br>K7AWB<br>W7IUO |
| <b>1706</b><br>AC6HY<br>AL7LO<br>JA1XUY<br>OZ3SM<br>UT6UA<br>W9BP<br>WA6G | <b>1698</b><br>HL4CCM<br>K0PC<br>K5PC<br>KF7NN<br>SM5API*<br>W8SAX<br>WA6EZV | <b>1690</b><br>DJ6NI<br>G4FTC<br>K0NV<br>W6RFF<br>WD4IXD<br>XE1YD                      | <b>1682</b><br>DL4MM<br>K1VI<br>K4MIJ<br>SP5IXS<br>W5CCP<br>WR2K                                                               | <b>1673</b><br>EA7DUD<br>HB9GWJ<br>JR2PZX<br>KC8RP<br>NU4I<br>WA6POZ                                                                                       | <b>1665</b><br>JR4CZM<br>SM2EJE<br>UA0SC<br>WA4MME                                                                                                                                                           |
| <b>1705</b><br>K7GQ<br>K8AO<br>K8SMC*<br>KF2OG                            | <b>1697</b><br>9A1R<br>AC5AA<br>AD5WB<br>W9WO<br>WB2CLL<br>XE1R              | <b>1689</b><br>K9ARZ<br>KG6DX<br>W4GMY                                                 | <b>1681</b><br>AE5B<br>JA1JYE<br>JJ0NSL<br>K3LR<br>K9MUF<br>OK1DX<br>RL3AW<br>VE6SH<br>W4UEF<br>WB6L<br>WF1H<br>YO3FGO<br>YP3A | <b>1672</b><br>IT9IPQ<br>K4WW<br>NZ5O<br>W1FA<br>WS9W<br>ZS1C                                                                                              | <b>1664</b><br>AD3C<br>IK1MEG<br>KK9M<br>WE2N                                                                                                                                                                |
| <b>1704</b><br>JJ1JMZ<br>KF4ZZ<br>N6KK<br>N7FU<br>W7FP                    | <b>1696</b><br>HB0WR<br>IZ5YHD<br>K0PX<br>N0YY<br>N4AOE<br>RA0R<br>W9GG      | <b>1688</b><br>AA0ZP<br>K5MT<br><br><b>1687</b><br>EC6AAE<br>N2LQ<br>N3TR<br>R6FFB     | <b>1680</b><br>PY2RN<br>SP7QHR<br>W1MR                                                                                         | <b>1671</b><br>AC0X<br>E70A<br>W7QHE                                                                                                                       | <b>1663</b><br>HB9ERU<br>IK0XIH<br>JI1MNT<br>K1FT<br>KX8G<br>N0OK                                                                                                                                            |
| <b>1703</b><br>KO6KD<br>LA3PK<br>NA2X<br>VE4YH                            | <b>1695</b><br>JH3HGH<br>KF4VTT<br>LX1DA                                     | <b>1686</b><br>AG3V<br>F6DAM<br>IK4DCW<br>JO4JDU<br>K6LRN<br>LZ2HM<br>NA4M             | <b>1679</b><br>JA4IYL<br>K9SO<br>KU4BP<br>WB4DNL                                                                               | <b>1670</b><br>DL5CT<br>F6DHI<br>OE1PMU<br>WX0E                                                                                                            | <b>1662</b><br>DL6UNF<br>JR0EQQ<br>K3WGR<br>N8NB                                                                                                                                                             |
| <b>1702</b><br>JA0JPD<br>JG3HBO<br>JK1SQI<br>KM9E<br>W5MO                 | <b>1694</b><br>4X6GP<br>K0FLY<br>K4KEW<br>UA1ANA                             | <b>1685</b><br>4Z5IW<br>F5BEG<br>K0VM<br>K3XO<br>VK6OZ<br>W1OG                         | <b>1678</b><br>9K2BM<br>KM4HQE                                                                                                 | <b>1669</b><br>W8VI<br>WA5NOM                                                                                                                              | <b>1661</b><br>K7FEL<br>KM7DX                                                                                                                                                                                |
| <b>1701</b><br>JF1OSL<br>JH1IZR<br>KT4AC                                  | <b>1693</b><br>7L2QAD<br>W2GS                                                | <b>1684</b><br>EW4C                                                                    | <b>1677</b><br>DJ3XG<br>DL0AVH<br>EA7BJ<br>VK8DR                                                                               | <b>1668</b><br>7K3QPL<br>HA5LQ<br>JF3LGC                                                                                                                   |                                                                                                                                                                                                              |
| <b>1700</b><br>JA0ED<br>KE5TD<br>KN7Y<br>N9DR<br>VR2MY                    | <b>1692</b><br>CT1ELF<br>JA3KZV<br>K8OD<br>N4WE                              |                                                                                        |                                                                                                                                |                                                                                                                                                            |                                                                                                                                                                                                              |



|                                                                                      |                                                                     |                                                                                               |                                                                              |                                                                                               |                                                                                       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| N1EK<br>ON6KE<br>RL2A                                                                | K8ZT/QRP                                                            | IZ0ADG<br>JR1JGA<br>N1BCL*                                                                    | LU1FAM<br>N9TK<br>W4QK                                                       | <b>1630</b><br>JF3SFU<br>JR1CAD<br>K7HC<br>W6KGP<br>Z32ZM                                     | W5SUM                                                                                 |
| <b>1660</b><br>AD4AA<br>LA4WJ<br>ZP5YW                                               | <b>1652</b><br>GM3WIL<br>IK0ZIO<br>K3WI<br>N4FY<br>N4ZR<br>VA2IG    | N4MI<br>R7HF<br>R9JX<br>VE3MM<br>W9MR                                                         | <b>1637</b><br>DK3BK<br>JA9RT<br>N9DD<br>NA3F<br>YO8CRU                      | K7HC<br>W6KGP<br>Z32ZM                                                                        | <b>1622</b><br>JA2QVP<br>KF4NEF<br>NW7M                                               |
| <b>1659</b><br>JH2BNL<br>KC6JAM                                                      | <b>1651</b><br>JA1FVE<br>JK1JAS<br>K7GA<br>UN2G<br>W5AP             | <b>1644</b><br>EA4DB<br>JL1WQO<br>K1EDG<br>KG5UZ<br>NM1G<br>OH6JKW<br>W0BM<br>W9OSI<br>WA3FRP | <b>1636</b><br>K1LEC<br>RN6AJ                                                | <b>1629</b><br>KW3W<br>W7CP                                                                   | <b>1621</b><br>W4KK<br>W6CUA                                                          |
| <b>1658</b><br>DL2JIM<br>I2EAY<br>JJ2VLY<br>VR2KW                                    | <b>1650</b><br>CT1AHU<br>JF1MTV<br>NU2Q                             | <b>1643</b><br>F5NTV<br>K4FX                                                                  | <b>1635</b><br>AA4A<br>JA1DCK                                                | <b>1628</b><br>KD4SN<br>N4MEC<br>N8GP<br>NW4M<br>SV1BYI<br>SV2BXA<br>VE1RGB<br>W2RA<br>W8PI   | <b>1620</b><br>9A6ST<br>I7LGM<br>K4SAF<br>KC9FFV<br>SM5OJH<br>SP9IZV<br>VE1JF<br>W7YW |
| <b>1657</b><br>AG7HY<br>JA7SFD<br>NW7US<br>SM6AOU                                    | <b>1649</b><br>K4WFM<br>NU0C<br>W0JW                                | <b>1642</b><br>DL1EK<br>LA2IR<br>W1HEO                                                        | <b>1634</b><br>CT1BOY<br>F4FLF<br>JL3DGI<br>JM1JIV<br>K5HTE<br>N7RD<br>US8UA | <b>1627</b><br>EA4EPY<br>G4NBS<br>N6DHZ<br>N8AGU<br>W0ZS<br>WA4NUF                            | <b>1619</b><br>AA5TL<br>DL5AVJ<br>JH7IQQ<br>ND7J                                      |
| <b>1656</b><br>AE4M<br>DK3QM<br>JR0AMD<br>N2CQ<br>UY2IZ<br>W0KEU                     | <b>1648</b><br>IK1ZOF<br>JA1NLX<br>JA6BZA<br>K9EXY<br>N5MT<br>RZ1OK | <b>1641</b><br>DJ7JC<br>I5XFD<br>JA4HXF                                                       | <b>1633</b><br>K9AQ<br>KI6X<br>RA6AAW<br>RW9SG<br>VE3IQ<br>W4WN<br>W7JW      | <b>1626</b><br>W4AG                                                                           | <b>1618</b><br>AD4Z<br>K4OCE<br>KF4MH<br>N9CO<br>UA0FDX<br>W8WVM<br>YO9CEB            |
| <b>1655</b><br>GW4MVA<br>JA1HSF<br>N7GCO<br>NF3R<br>NY4I<br>UA3AKI<br>W0BBI<br>W0JMP | <b>1647</b><br>JA5QAH<br>K2QB<br>N7TM<br>WN7J<br>YV5KTM             | <b>1640</b><br>K4QD<br>K6XM<br>N4XMX<br>TF3VS                                                 | <b>1632</b><br>AA3TH<br>DL2CC<br>S51MA<br>WB2AA<br>WF4G                      | <b>1625</b><br>JH8CXW<br>W3OOU<br>WB1DX                                                       | <b>1617</b><br>JG3KLF<br>K0CF<br>KM8AM<br>VA3OKG<br>WB2HJV                            |
| <b>1654</b><br>JE7RJS<br>N7NF<br>OH2BUA<br>RK2M<br>RN3OA<br>SM4CTT                   | <b>1646</b><br>DF7FC<br>HL1AV<br>IZ5EBL<br>JO3WHB<br>N0AMI<br>YO3VU | <b>1639</b><br>AH6HY<br>DL5EBS<br>JH2GZY<br>K3GW<br>WA9DU<br>WX0Z                             | <b>1631</b><br>DL6GBM<br>K6UNE<br>K7CMR<br>PT7DX<br>SM5BNK<br>SP5UAF         | <b>1624</b><br>AD5MD<br>BA7NQ<br>JL4CVG<br>JR1WYW<br>K3VAR<br>K5HK<br>N8WRL<br>UA9CNX<br>W5SJ | <b>1616</b><br>HK1X<br>I5FLN<br>N4ZY*<br>OH3PYY<br>W6OUL                              |
| <b>1653</b><br>JR3ADB                                                                | <b>1645</b><br>GM0VRP<br>IW7EBE                                     | <b>1638</b><br>JA2LWD<br>KM2E<br>KR4BD<br>KX7DX                                               | <b>1623</b><br>IK2QEI<br>KD2SC<br>W1OK                                       |                                                                                               | <b>1615</b><br>IW9DNI<br>JG1JPE                                                       |

|                                                                             |                                                                    |                                                                                            |                                                                                                         |                                                                     |                                                                                                            |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| J11HNC<br>W0FG                                                              | JA2CUS<br>R3IS<br>W5ZE<br>WA6HBR                                   | YB1RKT                                                                                     | VE7CV<br>VR2XLN                                                                                         | <b>1585</b><br>JR0RBY<br>KE4SCY<br>KN4JX                            | JA4ICR<br>JA7MNF<br>JL1ELQ<br>JM2QWQ<br>K8DE<br>N3ZP<br>YV5AM                                              |
| <b>1614</b><br>IK7HDY<br>K1EO<br>LX1CW<br>OK2ZA<br>UA4PK<br>W5WLA           | <b>1607</b><br>N9AKR<br>ON6NR<br>SM3DXC<br>WB1EAZ<br>WB6BFG        | <b>1598</b><br>CT1ELC<br>KB5UNX<br>KI8L<br>N4XX<br>W7TUS                                   | <b>1591</b><br>JA8ECS<br>JF1WQC<br>UT5URW<br>W5VU                                                       | <b>1584</b><br>JF1KML<br>KS4V<br>N6WT<br>TA6N                       | <b>1576</b><br>EA1T<br>JE2DJC<br>K5AC<br>K7CU<br>W5WI                                                      |
| <b>1613</b><br>G7IRN<br>IW5AB<br>JA2ODB<br>K5EWJ<br>W7LGG                   | <b>1606</b><br>G4AYU<br>IK8YFU<br>JH8JBX<br>K3KY<br>W7VS           | <b>1597</b><br>AB9M<br>I8MTQ<br>K3IE<br>K6EGF<br>SM6TKG<br>TF3JB<br>W3OU<br>W5RYA<br>XE2MX | <b>1590</b><br>G1VDP<br>JR3TOE<br>K0BX*<br>K4KL<br>NN9X<br>SM5HJZ<br>W3IZ<br>W8MIL<br>WA4FLZ*<br>WB7QXU | <b>1583</b><br>IN3EQZ<br>KI6MQX<br>KJ5PQ<br>N5EE                    | <b>1575</b><br>G0THF<br>JA1NQU<br>K7LFY<br>UR4CWQ                                                          |
| <b>1612</b><br>DH3KM<br>JE1CTA<br>JK1EBA<br>PP7LL<br>SV2CLJ<br>YL2TD        | <b>1605</b><br>IW2ETR<br>IW5EIJ<br>NP3CW<br>SP5GQ<br>V51YJ<br>WF5E | <b>1596</b><br>AF4CD<br>DK8IZ<br>JE6URX<br>N8DUY<br>N9JCS<br>W2DEN<br>YO9FQT               | <b>1589</b><br>AA3AZ<br>EA4D<br>F6FYD<br>IZ4AIB<br>KE9U<br>WA2BOT<br>WB9PNU                             | <b>1582</b><br>LU2BA<br>N0KK<br>NZ6E<br>W4UFO                       | <b>1574</b><br>AB0RX<br>EI4BZ<br>G3LAS*<br>JF2JRD<br>KC4HW<br>NM9P<br>RU3A<br>W7/DL1UF<br>WD5BJT<br>YV4DYJ |
| <b>1611</b><br>IV3TMV<br>JN1NOP<br>K4CGY<br>K6LPO<br>W2UDT                  | <b>1604</b><br>AA8KY<br>JK1NIU<br>K5QR<br>NU1T<br>WB5STU           | <b>1595</b><br>DK5HZ                                                                       | <b>1588</b><br>DL7UGO<br>ER0FEO<br>FM5CD<br>KE3X<br>W4PGM                                               | <b>1581</b><br>JR4VMS<br>K2WJ<br>KJ9X<br>VE1ZZ*<br>WA0PFZ<br>XE2YWH | <b>1573</b><br>DL2HRT<br>EA5ZR<br>KB5HC<br>WA3GNW                                                          |
| <b>1610</b><br>CE3BT<br>IU8IYE<br>JA1GVT<br>JQ1PCX<br>W2GFF                 | <b>1603</b><br>W5NUT<br>WT2P                                       | <b>1594</b><br>AB6BT<br>E74A<br>JG2TSL<br>JJ6WZS<br>KD0AA<br>SK0QO<br>UR5WIF               | <b>1587</b><br>JG1OWV<br>JH1AQN<br>JK3NQV<br>N8HO<br>RO7T                                               | <b>1580</b><br>F5LIW<br>J18XLD<br>OE6CLD                            | <b>1572</b><br>IT9KSS<br>JM3GXU<br>W8BI                                                                    |
| <b>1609</b><br>JA1CCO<br>JH1XFR<br>JH3FCF<br>JH3KAI<br>NC2Y<br>W6ZQ<br>WJ2R | <b>1602</b><br>EA2AA<br>VR2XYL<br>W0PE                             | <b>1593</b><br>HB9AAA<br>JA0FLL<br>JA3EEM<br>JF1QQK<br>LX2SM<br>NK7Z<br>W1ASB              | <b>1586</b><br>IZ8EKL<br>K4GK<br>N5OHL<br>SV8LMQ<br>W5DM*<br>W7TSQ                                      | <b>1579</b><br>DL4DW<br>K2ZD<br>K4IE<br>K7PT<br>NA1DX<br>W9BS       | <b>1571</b><br>DK3PZ<br>G4DYC<br>HL5FBT<br>JJ3FRB<br>N5VR                                                  |
| <b>1608</b><br>AA4FU<br>EA5K<br>I0KDF                                       | <b>1600</b><br>JR5VHU<br>K4AB<br>KB2XJ<br>W6BCQ<br>WA1EHK          | <b>1592</b><br>DL5RDI<br>KU2A                                                              | <b>1577</b><br>AD0K<br>IZ0FUW                                                                           | <b>1570</b><br>AC2G                                                 |                                                                                                            |

|                                                                               |                                                                                   |                                                                                                  |                                                                   |                                                                                                      |                                                                                        |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| DM5JBN<br>JA9IWR<br>K1KI<br>W4DTA                                             | PY2OP<br>YB0NFL                                                                   | ZL3PAH                                                                                           | W8AKS<br>WE8L                                                     | DM6MA<br>HA5KFV<br>IK2RGT<br>IK4YQC<br>JA1XPH<br>JG1ULT<br>W4NE                                      | <b>1535</b><br>HB9PUE<br>JE1GGI<br>JE3RMQ<br>W4UDH                                     |
| <b>1569</b><br>CT1HHP<br>EI1DG<br>K6BZS<br>KC4HN<br>RL3BZ<br>UA1TAN<br>WB0ULX | <b>1561</b><br>E73W<br>JF3GFH<br>JL1VAL<br>K9CJM<br>KS9J<br>N6VNI<br>W3KN<br>W8JA | <b>1554</b><br>AA6K<br>CT1ZW*<br>KE9S<br>W5IP<br>WC2L                                            | <b>1548</b><br>JG2CNZ                                             |                                                                                                      |                                                                                        |
| <b>1568</b><br>DL6DQW<br>JA0CVC<br>OE3JAG<br>YO3GOD                           | <b>1560</b><br>KG6D<br>ND1Y<br>UA1CKC                                             | <b>1553</b><br>HL3ERJ<br>I8KHC<br>JA9APM<br>JP1SRG<br>JR1AIB<br>KE4BKL<br>SV3KH<br>W4CSW<br>W7BQ | <b>1547</b><br>JH2AYB<br>K6QU<br>N7OJ<br>WA3GFM                   | <b>1540</b><br>F4BDG<br>K8LY<br>OZ1BXG<br>WA8A<br>WB0OQV                                             | <b>1534</b><br>DF2WF<br>DJ2VO<br>DS4NPL<br>EA1WH<br>JH1CML<br>K2OP<br>N9LF<br>VA2LM    |
| <b>1567</b><br>AA5SH<br>IS0MVE                                                | <b>1559</b><br>JG1LFR<br>JH0AHI<br>ON4ACG<br>VU2YYF<br>WB1S                       | <b>1552</b><br>JH8JYV<br>M0VAA<br>NE0DX<br>RA9SC<br>WQ7B<br>WW7Q<br>ZL3TE                        | <b>1545</b><br>EA4DUT<br>I2DMI<br>JJ1OKK<br>JK1DDG<br>K3HW        | <b>1539</b><br>HL4CBX<br>HL4XM<br>K6ME<br>KB7V<br>KF9AF<br>N5ID<br>VE2BWL                            | <b>1533</b><br>9A0W<br>JH2KXN<br>K2CS<br>KI7AO<br>NA7RH<br>OZ7AM                       |
| <b>1566</b><br>E77S<br>K0IS<br>N1KX<br>W3DQS                                  | <b>1558</b><br>KI4TZ<br>N6VS<br>N8IL<br>WD4IKI                                    | <b>1551</b><br>DL6DCD<br>JA0NPQ<br>JA6GXP<br>KD4POJ<br>RD9U<br>WA7HQD                            | <b>1544</b><br>7L4VYK<br>JA2ACI<br>KS4XQ<br>M0HIH<br>N4ST<br>N6NR | <b>1538</b><br>IZ0FYW<br>JA4RED<br>JF2TJJ<br>N8BK<br>PY8WW<br>W5AAJ                                  | <b>1532</b><br>HK3CW<br>K8ROK<br>N0LD<br>OK1FMX<br>UT2AB                               |
| <b>1565</b><br>JA3IWB<br>JJ1DJW<br>KE1B<br>W7FI<br>YB2TS                      | <b>1557</b><br>7M4CLF<br>VK3KE<br>W1JGS<br>YV5KAJ                                 |                                                                                                  |                                                                   | <b>1537</b><br>JG2LGM<br>JH1RVQ<br>KC5PL<br>KE7W<br>N7TR<br>RZ3EM<br>VE3OTL<br>W4OV<br>W6DCK<br>WW1V | <b>1531</b><br>N3AIU<br>VE7XT<br>W5SWV<br>WS4C                                         |
| <b>1564</b><br>IK4TVP<br>N6RFM<br>WA9PWP                                      | <b>1556</b><br>JA6GMC<br>K8TB<br>KI4R<br>R3DL<br>RA3M<br>WJ3A<br>WW0E             | <b>1550</b><br>JA8RRF<br>JL8IPF<br>N6EM<br>WA4USA                                                | <b>1543</b><br>CU7AA<br>J68HZ<br>JE3PCP<br>N5CQ<br>RZ6DX<br>UA6J  |                                                                                                      | <b>1530</b><br>5T5PA<br>I0NUM<br>IZ7EVZ<br>JA1DFK<br>K7CMZ<br>W3WST<br>W7BEB<br>WA8LRW |
| <b>1563</b><br>IV3BSF<br>K5RKS<br>W4AEJ<br>W4NBS<br>W9QO                      | <b>1555</b><br>HB9TKB<br>JA3UOQ<br>KA6A<br>KK7YC<br>VK3TC<br>WT9U                 | <b>1549</b><br>AC6BW<br>DL3NSM<br>G3VAO<br>IK0TUM<br>IK7AGT<br>K1CBK<br>K8LO<br>PY4AZ<br>SV1XV   | <b>1542</b><br>DL2RPN<br>JD1AMA<br>JP3OIK<br>MW0CBC<br>W2GB       | <b>1536</b><br>DL5ZB<br>EA5GHD<br>IK4FNF<br>JL1JVT<br>K4AU<br>K4MQM<br>KB7AK<br>W5FPT                | <b>1529</b><br>EA1P<br>I1CMA<br>N1PEB<br>S59SV<br>VA7DX                                |
| <b>1562</b><br>IK5QPS<br>NZ3M<br>PY2CP                                        |                                                                                   |                                                                                                  | <b>1541</b><br>DL1MEV                                             |                                                                                                      |                                                                                        |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| W1HS        | RV6LX       | <b>1517</b> | K0HB        | N0VVV       | <b>1501</b> |
| W1WV        |             | K1FE        | K2CYS       | W0ELT       | HB9AGO      |
| W5RZ        | <b>1522</b> | K4PKM       | NV1Q        |             | HL2DBP      |
| <b>1528</b> | CT7AUP      | N4MIK       | RA9LT       | <b>1506</b> | JA4ENY      |
| DS3EXX      | DL2RD       | N9CDX       | UW2XW       | CE3FZ       | JA6NEJ      |
| SP9TPZ      | DL8DXF      | W0ANZ       | VE7VF       | I2YPY       | JK1NPH      |
| ZL3AL       | JA7GAP      |             | W1ZS        | JA2JID      | JR1SLU      |
|             | K4ZRJ       | <b>1516</b> | W5FL        | K5DV        | K2SHA       |
| <b>1527</b> | KB8DRK      | DJ6TF       | W6GJB       | W2XX        | KB1YNT      |
| JS6QOM      | KP3AH       | K0AU        | W6ZO        | WB9W        | KJ4YLO      |
| K2HT        | NR0P        | K0GSV*      | W7VAS       | WR2G        | KU1T        |
| N3AO        | SP3WKW      | VE1DUN      | WA2MCR      | ZL2CC       | N5XE        |
| NN5E        | UA9LAO      | W5FK        |             |             | ON5GQ       |
| NS4X        | WB2ZAB      |             | <b>1511</b> | <b>1505</b> | R0QA        |
| R7LP        |             | <b>1515</b> | DK8UH       | JH3PAS      | R2DO        |
| <b>1526</b> | <b>1521</b> | 9A3MA       | JA5JGY      | W2SKI       | UA1OM       |
| DS2BGV      | EI8KN       | AD7Z        | N1PM        | WK9U        | W5DXQ       |
| G4DXW       | JA1UWB      | CU7MD       | SV2SIF      |             | W8SP        |
| K8JJC       | KM2O        | DL1MDZ      | UU7JM       | <b>1504</b> | WA5CMI*     |
| UA9AGX      | SM6VR       | JA6NQT      | W4ID*       | DL9DRA      | WF7T        |
| WA5YNB      | WA5UA       | JF7RJM      |             | JA3PRM      | YB0MWM      |
|             | <b>1520</b> | JG6MQI      | <b>1510</b> | K7CO        |             |
| <b>1525</b> | 4X1UF/M     | KP3V        | DM3PYA      | KF0NYM      | <b>1500</b> |
| CT7AUK      | AC6ZM       | N1ZJ        | N2YBB       | PJ4/NA2AA   | AA4US       |
| EW2DZ       | G4RGK       | W1XV        | OV5O        | W4UAT       | AC8L        |
| KE8G        | GU4YOX      | W2PD        | OZ9XU       |             | AE4AN       |
| N3AE        | KN9P        | WB1AEL      | WN9O        | <b>1503</b> | DL5KW       |
| NU4B        | KY5I        |             |             | AB5GU       | EA4TX       |
| UT3UX       | N6WIN       | <b>1514</b> | <b>1509</b> | IK0PCJ      | EI3CTB      |
| WX2CX       | SP3EPG      | IW8CGX      | JA0HWF      | JQ1EST      | I4KYO       |
|             | WA3WZR      | JA1PLL      | K0KL*       | K8MN        | JA4DNC      |
| <b>1524</b> |             | JJ2NWI      | KB8GAE      | KB2ZPB      | JF2SQB      |
| AA5TA       | <b>1519</b> | KJ4R        | KG5VK       | NC1M        | JK1PEC      |
| DJ7WG       | F4DSE       | M0TTB       | KI9A        | ON4LG       | K0YL        |
| DL5KUT      | IW4CIL      | VE3TKI      | LA2DS       | SQ7FPH      | K4RDU       |
| JA7DPC      | JE4RAL      |             | N9AZZ       | UT7EC       | K5EWS       |
| JE4FNC      | K4TXJ       | <b>1513</b> | R3BM        | W4DWS       | K7CTV       |
| K6FM        | K7DSE       | AE0MO       | UA9MC       | YB0DJ       | KM4VJW      |
| KM5VI       | ND4DX       | AG1I        | W1MJB       |             | N1BZ        |
| LY3BY       | UY2UZ       | JA7BAL      | W4REX       | <b>1502</b> | N5VYS       |
| M0URX       | WA8CDU      | KA5V        | YU3MAY      | 7N4SQJ      | N5XJ        |
| N6DNU       | WB4SON      | R7IA        |             | 9M8DEN      | N6VH        |
| N9LEO       | YO9BLY      | UA3DK       | <b>1508</b> | DL6WT       | N7QU        |
| NV4A        |             | VE4EA       | DH2ID       | K6JJ        | OH3FVP      |
| RK9UM       | <b>1518</b> | VE7UF       | DL0WW       | K9LCR       | OK2MDC      |
| W3KHZ       | HK6K        | WQ1H        | IK4DCX      | KA5JSM      | OK8DD       |
| W8WM        | IK1DFH      |             | NN6K        | KB9AIT      | R5AK        |
| WR7Q        | J11VVB      | <b>1512</b> | WV4V        | KN7K        | UT2VC       |
|             | JK1UVP      | EI8GS       | YL2EC       | N2PK        | VA7QI       |
| <b>1523</b> | K4HQB       | GM4KHE      |             | WA9JOQ      | W3DIY       |
| EA3ESZ      | N9HF        | HB9FBM      | <b>1507</b> | WR7T        | W4HY        |
|             | NJ0U        | JA1SZN      | EA7DAP      | YB4IR       | W9PDS       |
|             |             | JH6WMJ      | K3GO        |             | WA0JZK      |

|                                                                          |                                                                             |                                                                                          |                                                                                      |                                                                                   |                                                                          |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| WJ0T<br>WO5I<br>WY7FD<br>YB4CHP<br>YL2BR                                 | K5NOF<br>N4PGL*<br>WW8RT                                                    | <b>1484</b><br>DL4FDM<br>IK2RLS<br>IK7YCE<br>JA7QQQ<br>K0MFI<br>KM4VI<br>LA9VBA<br>W4ATL | <b>1476</b><br>JA1BON<br>N1RP<br>N2BI<br>W7IAN*                                      | <b>1468</b><br>DC8TS<br>DL2MIH<br>DL6RA<br>N9LQ<br>W1FC<br>W6FEL<br>WD6T          | <b>1458</b><br>IU0ICA<br>K8CQ*                                           |
| <b>1499</b><br>K1APJ<br>K5LY<br>KF6A<br>N7ZA<br>SM5APS<br>VA7DXX<br>W8LR | <b>1491</b><br>I8NHJ<br>K0JN<br>XE1ILI                                      |                                                                                          | <b>1475</b><br>AK7O<br>G0SYP<br>J11UHZ                                               |                                                                                   | <b>1457</b><br>IK5EKB<br>JH1CJQ<br>PY3VB                                 |
|                                                                          | <b>1490</b><br>AJ4F<br>JA6HUG<br>JE1NVD<br>VE3QAA<br>W4PG                   | <b>1483</b><br>JA3WMS<br>JE2VFX<br>RU3UN<br>S57UX<br>W0OGH<br>W4GHW                      | <b>1473</b><br>KR4DA<br>KT8O<br>LX1KC<br>NX4TT<br>W9NJY                              | <b>1467</b><br>K8LN<br>WA1NLG                                                     | <b>1456</b><br>K5DCW<br>LU2AH<br>NF7D<br>PB9FN<br>W1EBM<br>W5MF<br>W5RDW |
| <b>1498</b><br>KA2CYN<br>VE3UTT<br>W1GF                                  | <b>1489</b><br>F9CI<br>JH1XXB<br>JR2BJE<br>N6YEU<br>N8OQ<br>W1LY            | <b>1482</b><br>DL3IAC<br>I0GKP<br>K1XE                                                   | <b>1472</b><br>CT1BOH<br>JH1APZ<br>KV7N<br>LU2DSL<br>N6AWD<br>N7WI<br>W4WG<br>WX3P   | <b>1466</b><br>EI4CF<br>JA3MIO<br>K4RW<br>KO4PRE<br>N1SZ<br>N9OY<br>UA7T<br>VK2HV | <b>1455</b><br>AK6A<br>ES1FB<br>K2KIB<br>N0SL<br>N9MB<br>UT5IP           |
| <b>1497</b><br>JR2IMJ<br>K5YG<br>WB1ASL                                  |                                                                             | <b>1481</b><br>DL4FCJ<br>SM0NUE<br>W2TX                                                  |                                                                                      | <b>1465</b><br>K5YU<br>K7VC<br>N4UFP<br>VK2AAH<br>YB2MM                           | <b>1454</b><br>JA1UPT<br>K0TI<br>K4IA                                    |
| <b>1496</b><br>E73M<br>IK6ZDC<br>JA8FKO<br>JH1LAH<br>SM2OTU              | <b>1488</b><br>CU2CE<br>G8VR<br>K8AJR<br>KC4GL<br>W6JTI<br>YO2LLL<br>YO8RSL | <b>1480</b><br>AA1M<br>K0XN<br>K8ZH<br>KX1A*<br>W4UW<br>YO3GJC                           | <b>1471</b><br>4X4JU<br>KC2STA<br>N6FS                                               | <b>1464</b><br>W5LUA                                                              | <b>1453</b><br>VA7XX<br>W5QP*<br>WA4TII                                  |
| <b>1495</b><br>AK1N*<br>JA7HGA<br>JH8FIH<br>JR1LZK<br>ON7DR              | <b>1487</b><br>K7QBO<br>LA8WG<br>N5UE<br>N6IG<br>W4PGC                      | <b>1479</b><br>AE5FM<br>JJ1KXB<br>VA3AYA<br>W0YK<br>WA3SKQ<br>YL2CZ                      | <b>1470</b><br>IZ8DUD<br>JA4MEM<br>JH6RTO<br>K8GT<br>KF0RQ<br>N3WD<br>WS1F<br>YO3IPR | <b>1463</b><br>IW0AFS                                                             |                                                                          |
| <b>1494</b><br>G4AFU<br>KI4TWA<br>N4KM<br>NG0G<br>W1DAR                  | <b>1486</b><br>HL1VAU<br>K7JH<br>N8XI<br>W7HUY                              |                                                                                          | <b>1469</b><br>DL1QQ<br>HB9CYV<br>K8AJK<br>K9DY<br>KE5BR<br>SM6WET<br>XE1MW          | <b>1462</b><br>DJ1OJ<br>IK8OZV<br>JG1LRE<br>VA3HP<br>WB3BFC                       | <b>1452</b><br>EC7B<br>JH1DSF<br>KB4CRT                                  |
| <b>1493</b><br>JA3CMD<br>JG1WNO<br>LA4JGA                                | <b>1485</b><br>DM9EE<br>HP3TA<br>IK2WPO<br>IZ0GKB<br>K1ROA                  | <b>1478</b><br>A71AM<br>IK3GBG                                                           |                                                                                      | <b>1461</b><br>J11DMH<br>K6KR                                                     | <b>1451</b><br>JA2XLV<br>K5TU<br>KU9S                                    |
| <b>1492</b><br>IZ0COK                                                    |                                                                             | <b>1477</b><br>HB9JNM<br>K0BRO<br>W0IKD                                                  |                                                                                      | <b>1459</b><br>HA5UK<br>K8JRK<br>S50U                                             | <b>1450</b><br>DJ5DT<br>EA8TK<br>IC8SQS<br>JA2BUR<br>K2QMF<br>K5OVC      |

|                                                                 |                                                                                                           |                                                                                    |                                                                                         |                                                                              |                                                                              |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| KI2D<br>KT8D<br>W4TUN                                           | KP4N<br>NN6L<br>SP7UWL<br>WA8RCK<br>WT1L                                                                  | <b>1434</b><br>CU3BL<br>JH8WXF<br>OZ6EI<br>WC2C                                    | <b>1426</b><br>9H1EJ<br>KC2THY<br>SM4GVR<br>WA5KBH                                      | JR6DM<br>LA9PJA<br>N7KDT<br>W6SHY                                            | <b>1410</b><br>DG8YFM<br>KN6VTC<br>VU3CAU                                    |
| <b>1449</b><br>DM5EM<br>KP4DS                                   | <b>1441</b><br>AG5CN<br>DL2VFR<br>K7PT*                                                                   | <b>1433</b><br>EA3HDZ<br>JA6SRB<br>K1OYQ<br>K3MM<br>K7ORK<br>W4HOG<br>W6OPO        | <b>1425</b><br>DL6NW<br>JA3BKP<br>JH3PRR<br>K0XR<br>W2EQ                                | <b>1418</b><br>7M2VAP<br>W5GJ<br>WA7HR                                       | <b>1409</b><br>JH1HLC<br>W1PR<br>W5KFT<br>ZL1ANH                             |
| <b>1448</b><br>K1IED*<br>NR0T                                   | <b>1440</b><br>CT1DSV<br>HB9FAI<br>JA8BOV<br>JA9KRO<br>JH2NWP<br>NE5S                                     | <b>1432</b><br>K4NTO<br>N0TK<br>OE6BME<br>PS8ACL<br>UN7BY                          | <b>1424</b><br>A61BK<br>G3PSM<br>JA4OIJ<br>JE1AZZ<br>K4GHS<br>N5JEY                     | <b>1417</b><br>AC9A<br>JA6HOZ<br>NX9T<br>PY3SB<br>S50N<br>W8HB               | <b>1408</b><br>G3VQO<br>JA6XE<br>JA7FVA<br>N4GBK                             |
| <b>1447</b><br>AF3X<br>G4PVM<br>K9KDS<br>TF3Y<br>WA3GM<br>WM4AA | <b>1439</b><br>7N3IJT<br>DL1VDL<br>IK2GAO<br>IZ5EKW<br>JA4FKO<br>JA5ICH<br>KJ6Y<br>KN7D<br>LA6FI<br>N2XQM | <b>1431</b><br>K5OO<br>K8MVZ<br>K8WHA<br>W4AO                                      | <b>1423</b><br>N0RC<br>N3FG<br>N4NQ<br>W7XE                                             | <b>1416</b><br>AA9D<br>KG4USN<br>LU3VA<br>OH3KAV                             | <b>1407</b><br>K3ATO<br>KB0V<br>S59DJK<br>VA3CW                              |
| <b>1446</b><br>JA8ANQ<br>KH6U<br>YO9IKW                         | <b>1438</b><br>DF1IR<br>JA8EKU<br>K1TKL                                                                   | <b>1429</b><br>AA4ZK<br>AK9B<br>EA7AN<br>JJ1LID<br>OZ2ABI<br>TA1L<br>W4HGW<br>W4WJ | <b>1422</b><br>3A2MW<br>DH4JQ<br>I4ACO<br>KB4CL<br>SQ5OUO<br>W9SE                       | <b>1415</b><br>DF5DH<br>JA5MOO<br>WX4F                                       | <b>1406</b><br>I0EKY<br>N4VN<br>N5TF<br>W6DPD                                |
| <b>1445</b><br>DG1NPM<br>EA1PP<br>KJ4UZU<br>N0TR<br>NJ5N        | <b>1437</b><br>VE3BZ<br>W0ZR<br>ZS6KR*                                                                    | <b>1428</b><br>DL9MEN<br>G0OSK<br>N3HBX<br>N7UJJ<br>OE6VHF                         | <b>1421</b><br>CT1ETE<br>CT1IW<br>DJ4KW<br>DL4ZAB<br>HB9DQD<br>JA3AYU<br>JH8MZF<br>K0IO | <b>1414</b><br>JH5RXS                                                        | <b>1405</b><br>F5IYJ<br>K0RAR<br>K6XJ<br>LB5GI<br>N1WON<br>WN7S              |
| <b>1444</b><br>JA0BOV<br>JR4ABB<br>K1KNJ<br>W4QG<br>W6SIY       | <b>1436</b><br>KK4CLY<br>KT4O<br>NY4G                                                                     | <b>1427</b><br>EA3NG<br>ES2IPA<br>JF2SKV<br>W9UM<br>WC1M                           | <b>1420</b><br>KM2L<br>N6AD<br>ON4CN<br>TG9AJR                                          | <b>1413</b><br>JA5XPD<br>KN6ZZI<br>N6XT<br>RX3BP<br>TF5B<br>WA2VQV<br>WB5ZAM | <b>1404</b><br>AB6CF<br>DD0VE<br>HK3J<br>JA4EZA<br>JH8KIY<br>RN3QO<br>VE3NJC |
| <b>1443</b><br>JA1ERB<br>K0LU<br>N5DT<br>PV8DX<br>W4AXL<br>W8TM | <b>1435</b><br>A92IO<br>K1WO<br>K6JW<br>VE3FRR<br>W3WH<br>W4GF                                            |                                                                                    | <b>1419</b><br>A92AA                                                                    | <b>1412</b><br>I4UUL<br>JA4ONP<br>K7PO<br>NG9J<br>WA6URY                     | <b>1403</b><br>9H1AE<br>AK4PR<br>HP2NG<br>JR1TNE<br>K4MIL<br>N7RVD           |
| <b>1442</b><br>EA1AZ<br>K3VPZ<br>K4NC<br>K6VV<br>KO4PY          |                                                                                                           |                                                                                    |                                                                                         | <b>1411</b><br>AI9U<br>KB1DMX<br>WQ5T                                        |                                                                              |

|             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|
| ON8VM       | OE1TKW      | <b>1387</b> | N0IW        | <b>1371</b> | OE7FMJ      |
| <b>1402</b> | VA3IC       | JJ1BDX      | N5HC        | EA7LS       | <b>1364</b> |
| 5Q2J        | W5EC        | <b>1386</b> | <b>1378</b> | EI5KO       | AE4WG       |
| HL5YI       | W7KW        | DL2VWR      | JR2BYJ      | JH8LEY      | EA1NK       |
| I2KBD       | <b>1394</b> | JA7JM       | K9JE*       | JK4JMO      | G4ZWY       |
| UA0SE       | HB9BWE      | J13KHV      | UA1CEI      | K3JWI       | JA1UOA      |
| <b>1401</b> | IW4EII      | KE4FW       | <b>1377</b> | N2DXJ       | JA2CGH      |
| JA1DXA      | K6EI        | N0YO        | KC1ERO      | SM2LKW      | K1LTJ       |
| WJ1X        | PY2DY       | OH6OK       | KQ5S        | WB8EJN      | N3KR        |
| <b>1400</b> | <b>1393</b> | W0SHL       | N5FEE       | <b>1370</b> | W7PAQ       |
| FM5BH       | NB3R        | W1GY        | PV8ABC      | LA6ZFA      | W9GE        |
| JF1MUI      | YB0AZ       | <b>1385</b> | W4DN        | NA5YO       | WA8LOW      |
| K7RAN       | <b>1392</b> | 8P6SH       | W4PRO       | <b>1369</b> | <b>1363</b> |
| OE1HHB      | EA1BLA      | DJ8KM       | <b>1376</b> | 7L3SQL      | 9A3NM       |
| W7NP        | KA1CRP      | G3PLP       | EA2BFM      | JH3MHI      | CU3HY       |
| <b>1399</b> | N7TP        | K8WVA       | GI4OWA      | K8ZR        | DJ8SN       |
| F5AQB       | NT9F        | KG4JSZ      | JA2LHG      | <b>1368</b> | IW4EGX      |
| JH2MYN      | VE3CX       | W6BBS       | NA2R        | AC0B        | JA9CGW      |
| JR4VEV      | WQ8T        | WB8EKG      | ND7K        | AD0TR       | NX1P        |
| N2ED        | XE2B        | <b>1384</b> | ON6ZV       | JF1JTQ      | OH7LZB      |
| N4UA        | YB3MM       | JK1LUY      | RA3CO       | KZ7Y        | TA1AL       |
| NA8W        | ZS6IR       | RW3SU       | YV4DNN      | M0MCV       | VE3TM       |
| ON4EB       | <b>1391</b> | SV1IXK      | <b>1375</b> | N4LV        | <b>1362</b> |
| WH7W        | IV3DXW      | UN7BK       | AB2DP       | PA5A        | JA1TOU      |
| WZ8P        | K7VV        | <b>1383</b> | IZ7GXB      | SM0EUI      | K3SUI       |
| <b>1398</b> | NI5G        | F5EOT       | JH8XVT      | W1GQ        | K6JAT*      |
| K0SQ        | SM7WVZ      | IK2GOQ      | JS1MRA      | XE1GLL      | NI0K        |
| <b>1397</b> | SP5GQX      | K4DET       | KD2GC       | <b>1367</b> | PT7CB       |
| HB9BMY      | VK2GR       | OE1JIS      | NI4Y        | G4VMX       | R3BB        |
| JR2PAU      | W7AJ        | <b>1382</b> | <b>1374</b> | K0FF        | UR9IDX      |
| N4QM        | WB8FIW      | E73D        | AA2DT       | N4XU*       | W4RQ        |
| N9BVA       | WX8C        | HB9ESS      | DJ9SO       | SV2DSJ      | <b>1361</b> |
| SV2JU       | <b>1390</b> | NR4M        | NI7F        | W6ZPL       | KM4A        |
| W7QC*       | DM3CW       | W0RXL       | W0MS*       | W7AAD       | N8TFD       |
| WG9L        | JL1BDI      | <b>1381</b> | W9VQ        | <b>1366</b> | W4IDX       |
| WI4T        | K4TR        | DK3TL       | <b>1373</b> | HB9BEM      | <b>1360</b> |
| <b>1396</b> | N8II        | G4DDL       | AF6PK       | JA2KQE      | JA6FEG      |
| DJ8WD       | <b>1389</b> | KK4XL       | K1TWF       | K8GWU       | J11QIO      |
| JR2HRR      | DL6KWU      | <b>1380</b> | KO6LU       | NN1SS       | RU3UR       |
| KF8PD       | I5YDO       | KB9LIE      | W2PS        | PY2HH       | <b>1359</b> |
| NG6R        | JH4BYS      | NC6RJ       | W4TNX       | VR2VAZ      | K8MRT       |
| YO6HOY      | K5LC        | NR8Z        | <b>1372</b> | <b>1365</b> | OD5YA       |
| <b>1395</b> | ON4CCN      | <b>1379</b> | AB6Z        | G3KAF       | WA1NXC      |
| JH3HTD      | <b>1388</b> | I5GKS       | AC4BT       | HA5OLA      | <b>1358</b> |
| K2DH        | 4X6KJ       | K6UXO       | N7NW        | HB9ODP      | IK5SRF      |
|             | CT7ANG      |             | W4AFB       | KC9WPS      | WX5L        |
|             |             |             |             | N2FY        |             |

|                                                                                                              |                                                                                                         |                                                                                                      |                                                                           |                                                                                                        |                                                                                                                                                                     |
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| <b>1357</b><br>IK6RFQ<br>JA1VRY<br>K4RM<br>K5CQT<br>W9ZT                                                     | <b>1351</b><br>JA2HIJ<br>KD5R                                                                           | <b>1344</b><br>IZ3GOO<br>JA3BG<br>JJ2PIK<br>K4IU<br>K9HQM<br>LU2JCW<br>N5KA<br>PY2ADR<br>WA8VSJ      | <b>1338</b><br>9A9L*<br>HA7GN<br>K5MO<br>KD4OS<br>N6TR<br>SM2HWG<br>W3ATV | <b>1331</b><br>JA3KWZ<br>JL1BTJ<br>KL7NW<br>RA3SD<br>RW4WD<br>WZ4RC                                    | <b>1324</b><br>JI1JPJ<br>KI7M<br>KR4U<br>SM7BHM<br>SP6OUQ                                                                                                           |
| <b>1356</b><br>IZ2USP<br>JA6ATL<br>JA7OBO<br>K9SUH<br>TF3SG                                                  | <b>1350</b><br>AG6HE<br>EU7X<br>EW4A<br>IK2HDF<br>JA0NFP<br>JI1CYX<br>K0QB<br>KA9J<br>KK8X              | <b>1343</b><br>AA4EA<br>AC6DD<br>JK3GWT<br>K9GY<br>SP2BMW<br>W6HYI<br>WO7V                           | <b>1337</b><br>IK0CNA<br>IW1PUR<br>OH1LR                                  | <b>1330</b><br>DL3ANK<br>EA4S<br>HB9TJG<br>HI8CJ<br>JR2ATZ<br>K3LA<br>N2MEE<br>OH3TY<br>W4WIN<br>W7CQQ | <b>1322</b><br>DL6KVA<br>G6NHU<br>IK8WCA<br>IT9CMU<br>IT9DDS<br>IZ4VSD<br>JA1BWA<br>JA9FO<br>JG1BOK<br>JI1QZQ<br>K2OO<br>SP3FYX<br>VK3EUZ<br>VK3OT<br>W4DVG<br>W5JE |
| <b>1355</b><br>HL3EHK<br>JA1IFD<br>K8EJ<br>KI7HO<br>WB2KSP                                                   | <b>1349</b><br>EA7LL<br>EI5JL<br>JA1TGO<br>K2QL<br>N3AF                                                 | <b>1342</b><br>AA8M<br>DK8FS<br>EI7GY<br>HK6P<br>IK0PRG<br>K9BO<br>VA3VET<br>W6VNR<br>WB2GOK<br>WD9Q | <b>1336</b><br>AB5YI<br>JH7RTQ<br>JN1RKE<br>KP3V*<br>W8VK                 | <b>1329</b><br>KE4WI<br>W6HGF                                                                          | <b>1321</b><br>DJ5EY<br>HK3CQ<br>IK2ULM<br>K4LQ<br>K4NST<br>K7EKD<br>R3QX                                                                                           |
| <b>1354</b><br>F5MZE<br>IT9JPS<br>IZ2EIH<br>JS6SCC<br>KS8W<br>W4DCY<br>W4QNW<br>W4WX<br>W8SET<br>WA5TXY      | <b>1348</b><br>AA7UN<br>AK3E<br>JA1ITJ<br>JA8LHN<br>KE4KMG<br>RU0A                                      | <b>1341</b><br>CU2AF<br>JS2GFA<br>R9HBF<br>W4UT<br>W8PAT<br>WD8LTM                                   | <b>1335</b><br>AF8C<br>I1SOP<br>KE2M<br>LZ1PM<br>NC4MM<br>WY4I            | <b>1328</b><br>KJ5Y<br>SP3CMA<br>W1NR                                                                  | <b>1320</b><br>JA1FVS<br>JA2DLM<br>JG3KMT<br>K3JM<br>W1RG                                                                                                           |
| <b>1353</b><br>HB9EXQ<br>IK2GAJ<br>OH1ECQ<br>W3DVY                                                           | <b>1347</b><br>GW0ANA<br>JR7COH<br>K3BZ<br>K8VD                                                         | <b>1340</b><br>GM4YMM<br>IK5LSQ<br>KB0EL<br>W0GN<br>W4TE                                             | <b>1334</b><br>JH1OVY<br>JI1EIX<br>K7RR<br>SM7DXQ<br>W5TFW<br>W5WS        | <b>1327</b><br>9A5VS<br>BX5AA<br>JA1PUK<br>JH1EVD<br>N1HO<br>UA0APV<br>W0IJN<br>WR5Y                   | <b>1319</b><br>9A6T<br>DL3ZH<br>EA1EA<br>RN5AA<br>VE7VV<br>ZS2I                                                                                                     |
| <b>1352</b><br>DM1HR<br>K2CDJ<br>K6DJ<br>KA1API<br>KA3CRC<br>N6DW<br>NC4AA<br>NZ9Z*<br>S57AL<br>W1RH<br>WS4H | <b>1346</b><br>JA6JPS<br>JG1AID<br>JK1BIB<br>N0RR<br>N9MW<br>NS7K<br>VU2ABS<br>WA1LAD<br>WA6KHK<br>WW1L | <b>1339</b><br>EA1K<br>IK1NLZ<br>K5VG<br>KP4DKE                                                      | <b>1333</b><br>IZ0GVZ<br>K5GM<br>KY4G<br>ND6S<br>S57A<br>WB8TGY<br>YO3HOT | <b>1326</b><br>DF7GG<br>JE7JZT<br>N1QAE<br>W3TC                                                        | <b>1318</b><br>IZ4IRO<br>K0HQW                                                                                                                                      |
|                                                                                                              | <b>1345</b><br>R7FF<br>SP5DL<br>W7XZ<br>ZL2AO                                                           |                                                                                                      | <b>1332</b><br>DJ6BN<br>JG3WJN<br>JH1HRJ<br>K4KAL<br>KA3GWD<br>NA5S       | <b>1325</b><br>EI5GM<br>G6AD<br>JH6IMI<br>LB2EG<br>SM1NJC<br>SM5AKS<br>W3NRJ                           |                                                                                                                                                                     |



|                                                                                            |                                                                                                                 |                                                                                              |                                                                                     |                                                                                  |                                                                                      |
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| <b>1317</b><br>AA5H<br>AD7XG<br>EA1KE<br>JA3AOP<br>JH1CTV<br>K7WK<br>N5OP<br>SM0W<br>VE6SV | W4HM<br>W6DVS<br>YU9MBA                                                                                         | K0TV<br>N8OCN<br>WB2UFF<br>WD0EVR                                                            | <b>1298</b><br>CT3BD<br>K8RCT<br>N2SG<br>N9OF<br>UA3GT<br>UT3KW<br>YB1AYO           | <b>1291</b><br>AC8TO<br>AE6Y<br>I6KIU<br>K9ZG<br>W8FAX<br>W9MAK                  | <b>1284</b><br>K1PTF<br>K5FXB<br>N6DVR<br>Z34K                                       |
| <b>1316</b><br>EI3ISB<br>GM0VIT<br>JF7NNI<br>K2JK<br>NC6R<br>WA2QAU                        | <b>1310</b><br>AA1BS<br>AD6WL<br>IK0PRP<br>JR6GHN<br>OH5XB<br>SP6DVP<br>VA6JV<br>WA9IVH                         | <b>1304</b><br>4Z5GV<br>CU7AJ<br>DL5JS<br>IZ8DEO<br>JA3DAY<br>KI3O<br>WB9B<br>WG0G<br>YB0MZI | <b>1297</b><br>AB6L<br>DK3HV<br>JA7JND<br>JA9BEK<br>K9JDP<br>N9XG<br>TA2RC<br>UN7TX | <b>1290</b><br>BG8PA<br>K9JP<br>UA1CGS                                           | <b>1283</b><br>EA1AUO<br>K8DJC<br>N7TW<br>W1DXH<br>W2OL                              |
| <b>1315</b><br>K2OGD<br>K4JUJ<br>N2BT<br>WB7VNY                                            | <b>1309</b><br>K1WY<br>K8ARY<br>N2TC<br>W1JMM<br>YV5JGO                                                         | <b>1303</b><br>DL1SDH<br>IK1BQD<br>K0ABC<br>K6GFJ<br>KT0P<br>PA7MM<br>W9RB                   | <b>1296</b><br>CE3EEA<br>IK8PGE<br>JE3OUW<br>OE7SEL<br>PT2ND<br>W3KHQ               | <b>1289</b><br>I2DJX<br>JA7FSB<br>J11BJB<br>JS2KWL<br>OZ7QB                      | <b>1282</b><br>A71EM<br>JL1IHE<br>K0KV<br>K5GZR<br>K9MX<br>W2OSR<br>WW4LL<br>WX2K    |
| <b>1314</b><br>G4IDL<br>N4DJ<br>VK5CE<br>W2FCR<br>W5WZ<br>W8AF                             | <b>1308</b><br>DL1SVA<br>HC8N<br>HL1MKT<br>N3HYB<br>N4HGZ<br>N9RV<br>W8QXR                                      | <b>1302</b><br>A65D<br>JA1AKL<br>K2MHE<br>KC2LSD<br>LA5LT<br>N9AVY<br>W4CIR<br>W5HNC         | <b>1295</b><br>G3GAF<br>G4SGX<br>KN9N<br>N4KEB<br>PA3FWV<br>WB9DLC                  | <b>1288</b><br>HB9FAZ<br>I5SDG<br>IZ2CSX<br>K6RC<br>N0ATQ<br>W8MSP*<br>WA5SOG    | <b>1281</b><br>DJ9CW<br>KB5IY<br>KC9G<br>N4WD<br>UT1FT<br>W9GM                       |
| <b>1313</b><br>JA1DCO<br>JA1IHD<br>JH2PWM<br>K4ZA<br>KP3R<br>KX7L<br>TF8GX                 | <b>1307</b><br>IK1ZNM<br>KB8KIM<br>N1BY<br>VA2LC<br>W9JOE<br>WU4B                                               | <b>1301</b><br>AA4MM<br>K4LD<br>M0OIA<br>OK2RZ<br>WA1W                                       | <b>1294</b><br>DK3FB<br>IW1CAB<br>KN6H<br>PF7M<br>W1PY<br>WB9TFH                    | <b>1287</b><br>CT3BX<br>DS4DRE<br>EA6AZ<br>JH3GRO<br>KC4AA                       | <b>1280</b><br>JA3MNP<br>K5DNL<br>W1NT<br>W7GA                                       |
| <b>1312</b><br>K9UWY<br>N0ACH<br>NC7B<br>NC7M<br>W4PV                                      | <b>1306</b><br>AI2S<br>BH4SYG<br>CT1FJK<br>DJ2UU<br>DJ4PT<br>HB9FAX<br>IK8MRD<br>KD0S<br>LA7NO<br>OH5LQ<br>W2FB | <b>1300</b><br>9A2GA<br>JE6UWU<br>KJ7NO                                                      | <b>1293</b><br>JA1XQC<br>JE7BUH<br>SM2YIP                                           | <b>1286</b><br>DJ2RB<br>JA1CPU<br>K2DF<br>N5TU<br>W3/NH7C                        | <b>1279</b><br>DJ4JZ<br>JA4VUQ<br>K2HJB<br>K4GN<br>K9KEU<br>W4ASE<br>WA2ALY<br>ZS1EL |
| <b>1311</b><br>AI0Y<br>NJ0F<br>W2GR                                                        | <b>1305</b><br>AA6PI                                                                                            | <b>1299</b><br>CT1AUO<br>HB9ECS<br>W1MRH                                                     | <b>1292</b><br>K3RWN<br>N9NM                                                        | <b>1285</b><br>7Z1SJ<br>K0UU<br>K8LBT<br>KG6B<br>N4ANV<br>N4IDH<br>NR0Q<br>W4CMM | <b>1278</b><br>F5DBT<br>JA7KQC<br>K6LD<br>KC2WUF<br>W8PE                             |

|                                                                                                            |                                                                                                      |                                                                              |                                                                                                                        |                                                                                                   |                                                                                                        |
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| WF4W                                                                                                       | <b>1270</b><br>DL2AMD<br>I0YR<br>JA6JYM<br>K7MO<br>R3QJ<br>RU3OW<br>SP2DW<br>WM9Q<br>YB1BML<br>ZP6CW | HB9HHH<br>HB9Q<br>K8CR<br>W2EJG<br>WO4D                                      | W4ER                                                                                                                   | <b>1250</b><br>AA6XV<br>CT1END<br>JG1GJH<br>JH0AKV<br>JM1CMA<br>KB8U<br>R4FAN<br>SM3CZS<br>WB9ZNZ | AA5B<br>AA7X<br>IZ2MHT<br>N6GR<br>NN7X<br>WU7X                                                         |
| <b>1277</b><br>K7EV<br>K7MY<br>N3ER<br>W2HDI                                                               |                                                                                                      | <b>1263</b><br>R6MO<br>YO2BS                                                 | <b>1256</b><br>NN4EE<br>VE3PJ                                                                                          |                                                                                                   |                                                                                                        |
| <b>1276</b><br>DL4HRM<br>F5TMJ<br>I2LXA<br>IK4SBR<br>NZ0O<br>OH2ID<br>VE7ON<br>WB8RFB                      | <b>1269</b><br>RN0C<br>W0ZT                                                                          | <b>1262</b><br>7J1ABD<br>JF1CPH<br>M3DFW<br>W0UVC                            | <b>1255</b><br>JH1SWD<br>JH4VDP<br>N9GKE<br>NE5W<br>SQ8J<br>W3HER<br>W9AP                                              |                                                                                                   | <b>1243</b><br>F4GTB<br>IK2LOL<br>IZ4ORF<br>JL1QDO<br>K4EQ<br>SM6CGI<br>WA7RLL                         |
| <b>1275</b><br>JP1EWY<br>K1WNT<br>UA4PT<br>ZS5LEE                                                          | <b>1268</b><br>EA5XV<br>F1JKJ<br>I8PND<br>LB2TG<br>PY2XAT<br>ZP9MCE                                  | <b>1261</b><br>IK5BSC<br>JA3KKE<br>K3TLP<br>WA5YOM<br>WB8YTZ                 | <b>1254</b><br>EW1LM<br>KE5MMT<br>LB8CA<br>W2FS                                                                        | <b>1249</b><br>JA4CSJ<br>JF3VEC<br>KK6T<br>WB4M<br>WV2B                                           | <b>1242</b><br>G6GA<br>JA8DBU<br>JK2VOC<br>KD9TAW<br>N2CJ<br>VE3FAC<br>VE4GV<br>W4AVY<br>W9XQ*<br>WA8Y |
| <b>1274</b><br>GM1BSG<br>K1BZM<br>W2UB                                                                     | <b>1267</b><br>JA4HDO<br>JA8WGX<br>JH0CLK<br>K0GEO<br>K3TRM<br>K4ZMV<br>OK1ADM<br>W5IO<br>YU1FJK     | <b>1260</b><br>JG1IIF<br>JH4CPC<br>K8OS<br>W2NWU<br>WC6Y<br>WL7OU            | <b>1253</b><br>EA4XT<br>JH8CFZ<br>OH1LAR<br>PY5VC<br>XE2W                                                              | <b>1248</b><br>JG2TKH<br>NS0Q<br>NZ0T<br>SV3RKM<br>W8MRL                                          |                                                                                                        |
| <b>1273</b><br>JA0AVS<br>OK1MBW<br>PU2POP<br>RZ0L                                                          |                                                                                                      | <b>1259</b><br>DF3FJ<br>G3HSR<br>JA6SQR<br>K4FK<br>UZ1WW                     | <b>1252</b><br>AB9KZ<br>K0KO<br>K2RNY<br>K5SES<br>K6UIP<br>KB4KBS<br>LU5FCI<br>MU0GSY<br>SM4BNZ                        | <b>1247</b><br>AA0FT<br>IK4GRF<br>JN1OXN<br>N6ORB<br>UA6XT                                        | <b>1241</b><br>IK6CGO<br>JL3JTD<br>K1JX<br>K5NV*<br>N5EKO<br>VE7VZ<br>W8YV                             |
| <b>1272</b><br>DK1KW<br>EA5GXI<br>HB9DRS<br>JE4WOK<br>JR0GXA<br>K4FDP<br>KB3LIX<br>NA5NN<br>RX3X<br>SM5BFJ | <b>1266</b><br>JE1CPB<br>K1TU<br>K4ZNC<br>KB2S<br>NG4C<br>RU3U<br>US5CB                              | <b>1258</b><br>F4CPF<br>F5NNN<br>JA2CPD<br>VU2TMP<br>W4NF                    | <b>1251</b><br>EA1WX<br>EI7JZ<br>HL4RBR<br>K2GLS<br>K9AAN<br>K9UO<br>N8IK<br>S51AD<br>UA2CZ<br>VE3VV<br>W8LIG<br>XE2AU | <b>1246</b><br>DJ9BX<br>F8AMV<br>I2XIP<br>N0VD<br>W1ECS<br>WA8EQP                                 | <b>1240</b><br>JA1ILA<br>K2FL*<br>KC3AK<br>KX6C<br>PY5JO                                               |
| <b>1271</b><br>DL7ACN<br>K1GND<br>ND6G<br>W5GVP                                                            | <b>1265</b><br>F1OBJ<br>JH8NQV<br>KD3UY<br>TA1PB*<br>W4EJG                                           | <b>1257</b><br>4Z5FL<br>IK8TEM<br>IT9VDQ<br>JA7DOT<br>KC4PX<br>N3HR<br>S51DV |                                                                                                                        | <b>1245</b><br>9J2BS<br>K2SZ<br>K4TG<br>KH6XT<br>KQ5U<br>N7RP<br>VA3NXM<br>W0CK<br>W4ARK          | <b>1239</b><br>CE3CT<br>DL5MM<br>N2WM<br>N9EAJ<br>W4MPY                                                |
|                                                                                                            | <b>1264</b><br>DL7AA                                                                                 |                                                                              | <b>1244</b><br>A65BD                                                                                                   |                                                                                                   | <b>1238</b><br>4X1VF                                                                                   |

|                                                                               |                                                                                                       |                                                                                      |                                                                                                                |                                                                                  |                                                                                                                                               |
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| AD8NQ<br>DL7BO<br>JE2DOD<br>LZ1XL<br>VR2PX<br>W4BH<br>W6PG<br>WC4V            | IW2CAM<br>JA1PLT<br>LB8OH<br>N2BSA<br>W2FKF                                                           | <b>1225</b><br>JL1MWI                                                                | SM3OMO<br>WA6MRK                                                                                               | <b>1211</b><br>DL7JOM<br>EA6BB<br>I4FTU<br>IZ3KNK<br>K3XC<br>WX0Y                | N8JS<br>ZS6RJ                                                                                                                                 |
| <b>1237</b><br>EA3ATM<br>EU4T<br>KR0O<br>N3TTT<br>N8RF<br>PY2AB<br>VA6SZ      | <b>1230</b><br>DJ4DN<br>JA1QOQ<br>JA4OPW<br>K0ZR<br>KX9X<br>N9QQK<br>SP7MOC<br>VE3AJ<br>W2IZN<br>WA2C | <b>1224</b><br>JH4ADF<br>JR1HYA<br>N5RN<br>NX4D<br>OK1UU                             | <b>1217</b><br>EA5IAG<br>KB7QFE<br>VK7ZE<br>W0VD<br>YB0EIN                                                     | <b>1203</b><br>JF7DZA<br>JH8DBJ<br>KA1BQP<br>KA7CVJ<br>N4WMB<br>ON4AGX<br>SP1NEN |                                                                                                                                               |
| <b>1236</b><br>DS3EXT<br>JA1UBZ<br>JA6MWW<br>LU7HN<br>N8KU<br>OM0AST<br>R2AB  | <b>1229</b><br>EA1AHA<br>K3PH<br>K4MQ<br>LA7QI<br>N0FCD<br>N7TK<br>W3JXP<br>WA3IIA                    | <b>1223</b><br>AE9DX<br>K9IA<br>N8DC<br>N9MT<br>SV1VN<br>VK1AX<br>W4DSM              | <b>1216</b><br>DF2QC<br>HI3R<br>SP8GK<br>WF4B                                                                  | <b>1210</b><br>AC0DQ<br>DL8GAM<br>G0FWX<br>JL4BSE<br>LA1CO<br>N6XG               | <b>1202</b><br>AB0S<br>JE7LHT<br>K2RSK<br>N8WD<br>OR4K<br>WA4YYM<br>WP4CQ                                                                     |
| <b>1235</b><br>EW7A<br>JI2EMF<br>N9ATF<br>W6IZT                               | <b>1228</b><br>AB4FH<br>JA3BLN<br>JH8WGT<br>KI2Y<br>OH1XFE<br>UR7CQ<br>W2KNG<br>W7YED                 | <b>1222</b><br>EA7/LA9DL<br>N5UM<br>W5RY<br>YO8PS                                    | <b>1215</b><br>CT3DZ<br>HI8O<br>JA1JMF<br>NY7T<br>W1MO                                                         | <b>1209</b><br>EA5BD<br>K0AFN<br>N6MA<br>NB2P<br>OK2FB                           | <b>1201</b><br>5P5Q<br>CT3EE*<br>HB9GIV<br>IS0/YO3RA<br>JF2QNM<br>JH7AQH<br>JR6PGB<br>K8ESQ<br>KV8P<br>PW7T<br>W4GH<br>W6CN<br>W7RN<br>WA1FXK |
| <b>1234</b><br>IK0OZD<br>IU4BJC<br>JH0LME<br>JH7NVJ<br>K4LRX<br>K6RR<br>W4NDX | <b>1227</b><br>DH1AKG<br>JA9EEH<br>KF5WCP<br>KI0HA<br>WA0BZA                                          | <b>1221</b><br>HB9TWU<br>JA1QVR<br>KF8HR<br>OE7FWJ<br>PR7AB<br>W7BVN<br>WQ9N<br>WU1U | <b>1214</b><br>EA4EJP<br>EI2IP<br>JA0BES<br>K0MLD<br>K6VVA<br>K7HV<br>KK5J<br>N5RZ<br>N9BD<br>VE3GYL<br>WB9IWN | <b>1208</b><br>KD4EE<br>KJ2U<br>KN4OK                                            |                                                                                                                                               |
| <b>1233</b><br>JH0LQD<br>JR3MTO<br>SA3CAT                                     | <b>1226</b><br>DL3BUE<br>EA7AZH<br>HA5FA<br>HB9DLE<br>K1PT<br>KB2KBC<br>PJ4LS                         | <b>1220</b><br>HA3OU<br>JG7AMD<br>KJ9B<br>OH2TA<br>WA1HEW<br>ZL3NB                   | <b>1213</b><br>JH4GNE<br>JH8JWF<br>N9FH<br>S57TA<br>W4NK                                                       | <b>1207</b><br>DJ3CQ<br>JJ1REU<br>K1QN<br>NS4F                                   | <b>1200</b><br>DD0VU<br>K2GW<br>ND0C/QRP<br>ON6MX                                                                                             |
| <b>1232</b><br>K3CWF<br>WB6AXD                                                |                                                                                                       | <b>1219</b><br>CU3HN<br>KQ9J<br>WA4TMJ                                               | <b>1212</b><br>AA2IL<br>DJ0AH<br>F5VML<br>JO1QNO<br>UU2JQ<br>W0MAN<br>W1UU<br>W4HVV                            | <b>1206</b><br>K7SO<br>KL2R<br>W1WSF<br>W4UR<br>W5SV                             | <b>1199</b><br>EI9E<br>JA0TEA<br>KF3N<br>KO9V<br>N2ZL<br>N3RR<br>NT9E<br>WE2K<br>ZS6C*                                                        |
| <b>1231</b><br>G3YSX                                                          |                                                                                                       | <b>1218</b><br>AD6DK<br>K4VZ<br>KI0KN<br>OH2BC                                       |                                                                                                                | <b>1205</b><br>GM7NZI<br>K8YAH*<br>LA9L<br>WY9V                                  |                                                                                                                                               |

|                                                                                         |                                                                                             |                                                                                                                           |                                                                                   |                                                                                                  |                                                                                                               |
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| <b>1198</b><br>IW0AGX<br>J11FXS<br>KA5VFU<br>W2FDM                                      | <b>1191</b><br>DL8OK<br>LU9DO<br>N1GFV<br>OZ9GA<br>SP5AMN<br>TF2LL<br>W0SA<br>W7VP<br>YB2IQ | <b>1184</b><br>DL6ZBN<br>HA8FW<br>JH1BHW<br>JH8BOE<br>JR6LDE<br>K4JGR<br>K7YZO<br>LU2DX<br>WF8Z                           | SP2LLP<br>WO3Z                                                                    | WE9A                                                                                             | KY6AA<br>NE1RD<br>NT5O                                                                                        |
| <b>1197</b><br>DS4DBF<br>HB9ACC<br>K4GM<br>K4OP<br>N4TZ<br>NW6V                         | <b>1190</b><br>DD1JN<br>HL2FDW<br>IV3BBR<br>W1BYH<br>YT7T                                   | <b>1183</b><br>IS0EBO<br>K4RP<br>LA2GCA<br>N2RD<br>N8WXQ<br>NR3Z<br>VE3VGI<br>W7LEA<br>W9FXA<br>WA9MAG<br>WI9WI<br>YO9FLD | <b>1179</b><br>EA2RY<br>IU4CHE<br>KD2BS<br>N9MSG<br>UA3NFI<br>UA6FZ               | <b>1173</b><br>DJ3GW<br>DJ3XD<br>GM0NAI<br>JA6CM<br>JE2FJI<br>JE2VYM<br>JF1KIG<br>K3LL<br>VU2DED | <b>1167</b><br>I1FBJ<br>IW0ECV<br>K1RM<br>K4CSB<br>KL7RA*<br>NA4CW                                            |
| <b>1196</b><br>DL1ECG<br>EW3CW<br>GM5YTT<br>JA6WIF<br>JE2RBK<br>N6BDX<br>WA1F<br>WA8IQF | <b>1189</b><br>AA9AA<br>AF3K<br>G4YCS<br>K8TS                                               | <b>1182</b><br>JE3CYW<br>KI5T<br>N5KUC<br>UA9OR<br>W0NBC<br>WA3WNT<br>WM5H                                                | <b>1178</b><br>AA9WO<br>AC6T<br>K0AIZ<br>K1IB<br>KT5V<br>W7BJN<br>WA6QGH          | <b>1172</b><br>DJ9FK<br>IK6WEZ<br>JA4BUA<br>N2GM<br>W1FZ<br>W2FDJ<br>YO4CPO                      | <b>1166</b><br>DJ6TK<br>F8EZE<br>JE1WBA<br>W5CWQ                                                              |
| <b>1195</b><br>LA8PDA<br>LU5OM<br>N2CR<br>UN8GA<br>W2ZQ                                 | <b>1188</b><br>JG6CDH<br>K9XR<br>KO1H<br>RW5CW<br>SP3UY<br>W4WV                             | <b>1181</b><br>HR5/F2JD<br>JR3PQA<br>K4RMM<br>K9BQL<br>KC4DM<br>N9IXD<br>SM0BSO<br>W5XU                                   | <b>1177</b><br>9A4BL<br>AA3I<br>IK6IJF<br>JH1EIG<br>KB9S<br>WO5D                  | <b>1171</b><br>6K5AQY<br>AK1P<br>DG5DBT<br>HK3VHZ<br>JA1DIO<br>K7BWC<br>KA3S<br>TF1A<br>ZL2LW    | <b>1165</b><br>CT7AKW<br>JT1CS<br>PA5CW<br>PY2RF<br>W4DFU<br>WB0RUR                                           |
| <b>1194</b><br>4F3BZ<br>IK5IFH<br>K2RKJ<br>N6VI<br>R2ARR<br>R5AA<br>W5CJF<br>W9KB       | <b>1187</b><br>G3EKJ                                                                        | <b>1180</b><br>EI4KX<br>G8APB<br>IK6DEN<br>JR1KBJ<br>K2SG<br>K3HPA<br>KD9ZR<br>N5WNG                                      | <b>1176</b><br>CT1DIZ<br>DL0IV<br>IK2WSO<br>IZ3XEF<br>JA4DEY<br>OZ1DSD<br>W9LQI   | <b>1170</b><br>IK5ZAJ<br>K3SW<br>LZ1CY<br>N2YF<br>PA2R<br>VE3XO*<br>W2BCC<br>WN0L                | <b>1164</b><br>JA2CKK<br>JA5ALE<br>JR1FHP<br>OZ9U                                                             |
| <b>1193</b><br>DL9SAD<br>EA5FCW<br>K7QA<br>WB3AVD                                       | <b>1186</b><br>CT1EPJ<br>HG6IA<br>JA2QPY<br>KS0JD<br>ZS6NK                                  |                                                                                                                           | <b>1175</b><br>DL7XU<br>JH3EQP<br>JH8LLE<br>LA1J<br>LB7Q<br>N8QGC<br>NT5A<br>W6NK | <b>1169</b><br>7N4OBV<br>ES4AW<br>K2FJ<br>SV1HAK<br>VE3XB                                        | <b>1163</b><br>AA2VG<br>EA3HSO<br>HB9AJY<br>HL5FEI<br>JA3EUB<br>N3PV<br>N7FF<br>NI8Z<br>NZ6N<br>W9FF<br>YO4NA |
| <b>1192</b><br>AJ4HW<br>DJ0IF<br>NC6K                                                   | <b>1185</b><br>AB1QB<br>JA1EYN<br>JA9LSZ<br>JO1ABS<br>K0XM<br>N5YY<br>N6KJ<br>W4VG          |                                                                                                                           | <b>1174</b><br>IK6CAC<br>JA2AYH<br>K6AWR<br>N4LSJ<br>W4SKW                        | <b>1168</b><br>HB9CAT<br>IK4RQJ                                                                  | <b>1162</b><br>DL9GOA<br>IZ8EYN<br>N5MI<br>W3MS<br>YO9GJY                                                     |

|                                                                                                                                                 |                                                                              |                                                                                                                           |                                                                                 |                                                                                             |                                                                                                                     |
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| <b>1161</b><br>AA4OC<br>F6BLP<br>IK0USO<br>IK8TWV<br>J11DCW<br>N7GVV                                                                            | WD1M<br>WS7I<br>WU2G<br>ZL1BBW<br>ZL3REX                                     | <b>1150</b><br>K8BB<br>N4LKB<br>N4UP<br>N4VG<br>N5SIX<br>RM4C<br>W7MD<br>W7SYK                                            | KN8F<br>YU1JF                                                                   | PA0QRB<br>SP9PRO<br>W5MJ<br>WA9LEY                                                          | <b>1133</b><br>AD4RE<br>SV3EXP<br>VE9VIC<br>WA4AFE                                                                  |
| <b>1160</b><br>AG5Z<br>DM1DK<br>F6FFR<br>JA5SEY<br>K0FD<br>K6GCN<br>KA5M<br>KB8ZUN<br>VE2NGH                                                    | <b>1156</b><br>K1VSJ<br>K3WJV<br>KM8V<br>PH7A<br>W6KAP                       | <b>1149</b><br>GM0DEQ<br>J11CHH<br>N8AID<br>SP5NON                                                                        | <b>1144</b><br>EA5DKU<br>F6IMB<br>JA3RAZ<br>JR1GSE<br>K4CA<br>W8GU<br>WJ8Y      | <b>1138</b><br>EA1IO<br>I8DPP<br>JF2RSF<br>K3EJ<br>K8POM<br>LA4RT<br>N3YZ<br>W4ATM          | <b>1132</b><br>JH1GNU<br>KB4EE<br>KK4MA<br>N2WPT<br>UA9JLL                                                          |
| <b>1159</b><br>KL7KK<br>N6TV<br>NT6AA<br>OH3DP<br>RA3LAL<br>S51DD<br>WA0GUD*                                                                    | <b>1155</b><br>AA6IO<br>DJ2TG<br>K6ASK<br>K7JY<br>SP7ASZ<br>W4RS             | <b>1148</b><br>AA4IB<br>OM2AGN<br>W4GHD<br>WB4KTC<br>WJ1B                                                                 | <b>1143</b><br>EA5BZS<br>ER1LW<br>K5XM<br>R8IA<br>UA9AEU<br>W6MYN               | <b>1137</b><br>K7VL<br>KZ2R<br>N1RM<br>N2MFT<br>NN5G<br>RA0LQ                               | <b>1131</b><br>IZ5GST<br>JA0HXV<br>NN2L<br>SV1IZY<br>YO5OEF                                                         |
| <b>1158</b><br>DD9WG<br>JA2AXB<br>JA3AAW<br>JA3VUI<br>JH1BUO<br>JH2CCT<br>J11SVY<br>JJ1IRS<br>K0JJR<br>K1YT<br>K6SY<br>SM7TZK<br>W6IS<br>WA7YAZ | <b>1154</b><br>I0KRP<br>JH0IEW<br>JN3ONX<br>K5CKS<br>KS4WA<br>NO2C<br>WB9WHQ | <b>1147</b><br>IZ1JIZ<br>JA1SHC<br>K0UBR<br>K4ZXV<br>K5WQG<br>KA5SYP<br>N0AB<br>N9PL<br>SV7CUD<br>UX7VA<br>V31CQ<br>W1RCR | <b>1142</b><br>AB6BR<br>JH1HGI<br>KD4CM<br>KE7BMG<br>OH2DW<br>VU2NXM<br>W1ES    | <b>1136</b><br>AD4EB<br>CP6XE<br>IZ0JNY<br>K8CC<br>LZ1MDU<br>RN3A<br>SP5ZCC<br>VR2IL        | <b>1130</b><br>F6FNA<br>IK2CMN<br>KG2GL<br>KJ6MBW<br>NJ1Q<br>NR5R<br>NZ7Q<br>OG1R<br>PF1MO<br>W3XX<br>W4CC<br>W8TOM |
| <b>1157</b><br>A71XX<br>DH5JG<br>DK1AX<br>F5VMN<br>JA5CDL<br>JA7GDU<br>K6OJ<br>K6VHF                                                            | <b>1153</b><br>IT9YOZ<br>IZ0LNP<br>KD8FO<br>N1FOJ<br>VA3YP<br>WM4D           | <b>1146</b><br>DF3VG<br>LA3DV<br>NG3J<br>ON7LX<br>R0SR<br>W8AAX*<br>WA7AVL<br>WB9MSM                                      | <b>1141</b><br>JA7MWC<br>KZ1X<br>OM3CND                                         | <b>1135</b><br>DJ3ZF<br>HB9FUX<br>HC1HN<br>JA8KAW<br>N2WN<br>RN7G<br>VA2MM<br>WA3YZD        | <b>1129</b><br>AK6I<br>BD4SX<br>DF2UH<br>DH8GV<br>HL4GHT<br>JA2THS<br>N3OUC<br>N5BA<br>UA3LIU<br>W7AM<br>WM1G       |
|                                                                                                                                                 | <b>1152</b><br>IK0FUR<br>JA8NSF<br>KP4JRS<br>KP4P<br>VK4BUI<br>WA8NLX        |                                                                                                                           | <b>1140</b><br>DL1DH<br>EI4GNB<br>K1BG<br>N1BRL<br>N9RE<br>NW8U<br>W3GP<br>WQ5C | <b>1134</b><br>IK0UUM<br>JF2ERJ<br>K4ODL<br>KO1I<br>N3GS<br>VE3KKB<br>W0LGQ<br>W7VV<br>W9HZ | <b>1128</b><br>AK4AO<br>DS5JMG<br>JG8NKJ<br>K5WE<br>K7KJ                                                            |
|                                                                                                                                                 | <b>1151</b><br>AJ6V<br>DK7VW*<br>JH1AWJ<br>KW4BY<br>LA4EI<br>N5CR            | <b>1145</b><br>DH5MM<br>JA5BZL<br>JA7LOT<br>K4HEB<br>K9QA                                                                 |                                                                                 |                                                                                             |                                                                                                                     |

|                                                                                                                 |                                                                                              |                                                                                                 |                                                                                                        |                                                                                                                   |                                                                                                                                        |
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| KB8DID<br>NF6P<br>NR5O<br>W4MC                                                                                  | E20YLM<br>GM1TBW<br>K0FG<br>KD3TB<br>N5QZ<br>SV1AOZ<br>UA4ARL<br>W7NX<br>YB9AY               | JG2KKG<br>K9KU<br>RJ6J<br>US3IZ                                                                 | <b>1110</b><br>DL1CF<br>JA4GCF<br>JH2QMT<br>JR1KEI<br>PT7NK                                            | UN7ED<br>VR2ZXP<br>W9VA<br>WB5TOI                                                                                 | KG8V<br>KH6DX<br>N4DE<br>VO1NA<br>XE3E<br>YO8DHA                                                                                       |
| <b>1127</b><br>DL7LX<br>EA4OR<br>G3YFE                                                                          |                                                                                              | <b>1115</b><br>EI4HH<br>IZ5BYJ<br>KG6WIK<br>LA7MFA<br>VE2EBK<br>VE3EDY<br>WO6T                  | <b>1109</b><br>F5VHJ<br>K3FT<br>RT2O<br>RW6MBC<br>W3MRL<br>W9LU                                        | <b>1104</b><br>AA9VI<br>K7MH<br>N7EO<br>OZ6TL<br>W0HBK<br>W9BB                                                    | <b>1099</b><br>IZ7GIT<br>JH1FRW<br>KK4ODQ<br>LA3SG<br>N0RQ<br>SP6FX<br>YO4PX<br>YS1RS                                                  |
| <b>1126</b><br>DL8WEM<br>KM4CQG<br>KO6UW<br>W4KVS<br>W5HY                                                       | <b>1121</b><br>IK0XKP<br>JA4DLF<br>W8WV<br>YO9FFX                                            |                                                                                                 |                                                                                                        | <b>1103</b><br>DJ5KL<br>IK5XLB<br>IZ7XUQ<br>K3DQB<br>NC4RY<br>NM4SH                                               |                                                                                                                                        |
| <b>1125</b><br>7N2JZT<br>F8GB<br>HB9FBA<br>JE4KCN<br>JP1GVC<br>JR1FCS<br>K7AP<br>N2IC<br>SK5PZ<br>W6LZ          | <b>1120</b><br>DL1DCT<br>JH1LZU<br>W0UY<br>W1RZF<br>YO4CSL                                   | <b>1114</b><br>4F1OZ<br>CR7BRV<br>G6MXL<br>KA4H<br>KE1IU<br>KK4BZ                               | <b>1108</b><br>AB7RW<br>AD4XV<br>AJ4IM<br>DL3NM<br>JG1XBM<br>N1CC*<br>W3UTD                            |                                                                                                                   | <b>1098</b><br>CT1EGW<br>DJ3EJ<br>E72AD<br>K2UT<br>K4OTV<br>K5YAA<br>KA8YYZ<br>PA1MVL<br>SP8MVC<br>SV4FFL<br>VE7IRU<br>W1USN<br>WA9IVU |
|                                                                                                                 | <b>1119</b><br>AB4H<br>HC1HC<br>IV3NVB<br>K4TMG<br>N8KOM<br>OH8JK<br>SP6BXZ<br>W7KKC<br>WN1M | <b>1113</b><br>DK4MX<br>DU1KT<br>JA7PPK<br>LU1HLH<br>UA4CX<br>W4PJW<br>W5TUF<br>WF7B            | <b>1107</b><br>CX2CN<br>DK2GP<br>EA1AA<br>JF3AHI<br>K1KU*<br>K3ORC<br>K6IRA<br>KE3ZT<br>N0MR<br>VE7ACN | <b>1102</b><br>DS4CNB<br>F8DZY<br>K3NW<br>PA5O*<br>VK4OQ<br>W3UNX<br>WE3J                                         |                                                                                                                                        |
| <b>1124</b><br>DK1NAL<br>EA8TZ<br>IW7EDZ<br>K0MP<br>N1AAM<br>VE7NY<br>W0ZX<br>W1ATV<br>W6AYC<br>W8WRP<br>WB4PWZ | <b>1118</b><br>DL1MAJ<br>HB9HFM<br>JA1CC<br>JM3XZC<br>N4VAN<br>OV2B                          | <b>1112</b><br>DL6DH<br>JL7BRH<br>JM7TKK<br>JR4DHK<br>K4SBZ<br>KN4FO<br>N6RVI<br>W5SG<br>WB8QZM | <b>1106</b><br>G3PMR<br>K0KM<br>K2UF<br>K7IA<br>K8CJY<br>LA9KY<br>PA2TMS<br>RT0Q<br>W0QD               | <b>1101</b><br>9A2WJ*<br>AB5RM<br>IT9RDG<br>IZ3DBA<br>IZ6ELF<br>JH1URT<br>K3UT<br>N2SU<br>W1XK<br>WA1DD<br>WA1KXV |                                                                                                                                        |
| <b>1123</b><br>AC7ZG<br>G4VWI<br>I1LGR<br>IN3KLQ<br>JE2SOY<br>K4VAC<br>PY2FZ                                    | <b>1117</b><br>AA2WC<br>AB9YC<br>DH1UK                                                       | <b>1111</b><br>K2IE<br>K3BQ<br>KC3D<br>KG4Q<br>M0NGN<br>W4CZ<br>W7JWM                           | <b>1105</b><br>DJ3AK<br>FM5FJ<br>IK7MXB<br>IW7DHC<br>JN1RFY                                            | <b>1100</b><br>DO4DXA<br>EA3CWK<br>I0ZUT<br>IK8IPL<br>IV3IYH<br>K1TO<br>K4IJQ<br>K7PTC<br>KG4OJT                  | <b>1097</b><br>AD6KQ<br>AG8L<br>K0YY<br>K5TDA<br>N1UZ<br>N9EN<br>R3LO<br>VE3SMA                                                        |
| <b>1122</b><br>DD0ZN                                                                                            | <b>1116</b><br>DJ7AO<br>F5JGA<br>IT9ABN<br>IZ4COT<br>JA8ALB                                  |                                                                                                 |                                                                                                        |                                                                                                                   | <b>1096</b><br>AD9DX<br>JA0EBV<br>RG7G<br>WB4EHG<br>WW5L<br>XE1RCS                                                                     |
|                                                                                                                 |                                                                                              |                                                                                                 |                                                                                                        |                                                                                                                   | <b>1095</b><br>A35RK<br>HA1AC                                                                                                          |

|                                                                                                        |                                                                                                                            |                                                                                                                             |                                                                                                                              |                                                                                                         |                                                                                                               |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| K3UW<br>TA2AD<br>W0QL<br>W8EOG<br>W9KX                                                                 | UN6TA                                                                                                                      | <b>1085</b><br>AI7W<br>K8FB<br>LA2LI<br>N8PE<br>NN8L<br>W4OWY                                                               | PA1NHZ<br>W7PC                                                                                                               | PA5KT<br>VE8EV                                                                                          | <b>1069</b><br>HB9FPR<br>N0HJZ<br>OE9DGV<br>PY2BT<br>PY2LSM<br>UA9UX<br>W4GV<br>W4HPW<br>YU1NR                |
| <b>1094</b><br>8P6ET<br>IK1AAS<br>IZ0HTW<br>KA1CTL<br>KC2NJ<br>LU1FM<br>N5RP<br>W0CO<br>W0YBS<br>YO8OY | <b>1089</b><br>JA8AWR<br>JI2UDK<br>JM1GAW<br>JR1QLM<br>KK4TKJ<br>N1GNB<br>N9AI<br>TA3J<br>UR6QA<br>W2GGY                   | <b>1084</b><br>K7YMG<br>KB4FB<br>KJ7WY<br>KX4I<br>VE2OWL<br>W5PD<br>W5QZ<br>W9MDB                                           | <b>1079</b><br>AD7KG<br>IK6IHN<br>JL3RNZ<br>KV2S<br>LU7DW<br>VA1SEA<br>W0RI*                                                 | <b>1074</b><br>JE0EHE<br>K6VVK<br>KC2ATK<br>KJ4EX<br>M0IFT<br>N7PIB<br>NH6L<br>W1WN<br>WA4VJK<br>WB6RAB | <b>1068</b><br>BW2/JP1RIW<br>CP4BT<br>JA3EGE<br>KB8NTY<br>N1BKB<br>N5DI<br>N6AA<br>UA0LDW                     |
| <b>1093</b><br>DK1MM<br>EI6AL<br>I0BJV<br>JH7WNV<br>K2IRM<br>NJ6K<br>SV1JSN<br>W7QF                    | <b>1088</b><br>AA5VU*<br>EA7OH<br>G0HSA<br>JA1DJO<br>K0NO<br>K0OB<br>K4AVU<br>KS4L<br>MM1PTT<br>P40P                       | <b>1083</b><br>DL1ASA<br>DL9ABM<br>K2KN<br>N6OGW<br>UX7IN                                                                   | <b>1078</b><br>DL4KUG<br>EI4DQ<br>JA2SEQ<br>JH3LIB<br>SM7CZL<br>YB1IQE                                                       | <b>1073</b><br>G3VSQ<br>JF2UEE<br>JG1TFC<br>K2TA<br>NE3K<br>RA6WF<br>W1DDD                              | <b>1067</b><br>IZ1UKF<br>JA7EU<br>K2CJ<br>K9WZB<br>KS0T<br>LU4DXU<br>N9JF<br>SM5AFU<br>W1TYQ<br>W4MBD<br>W9JJ |
| <b>1092</b><br>G0UJI<br>KD2OV<br>KS4Q<br>KW1X<br>ON4VT<br>W6RA                                         | <b>1087</b><br>CT7BQH<br>JA1GFD<br>JA3DBD<br>K4AEN<br>KB3IFH<br>KI4YY<br>N0AKC<br>N3NO<br>N7LAN<br>NK4R<br>SM3DTR<br>VR2KF | <b>1082</b><br>4Z4OQ<br>CP6UA<br>DL5FAC<br>DL9QJ<br>KD8MQY<br>N4QK<br>UA4HAD<br>UA4HDB<br>W6MVW<br>W9BWR<br>W9GFB<br>WB8YJF | <b>1077</b><br>JA1CCH<br>JA2HOL<br>JA8BZL<br>JF1CZQ<br>JN7DIY<br>K4BBH<br>K5MMH<br>N6ER<br>W1JFK<br>W4WNT<br>W7IMU<br>WD4EGF | <b>1072</b><br>DL3NCR<br>IZ8BRI<br>JJ1XGF<br>KF8N*<br>LZ1JZ<br>OZ7BQ<br>RV3DB<br>YE4LWU<br>ZS2ACP       | <b>1066</b><br>AC7JM<br>DS4OMS<br>HB9MXY<br>IT9RWB<br>OK1DO<br>ON6LY<br>PR2WW<br>WC9C                         |
| <b>1091</b><br>G3XVF<br>JA4XHF<br>JA7LMU<br>JH6JMN<br>K4YL<br>W1MI                                     | <b>1086</b><br>AA4QE<br>ER2RM<br>JA8DRK<br>JG1EIQ<br>KD2ZIU<br>KE9UA<br>LZ2TWY<br>RA3FY<br>W4JDS<br>W5TMC<br>W7WRJ         | <b>1081</b><br>MM0BQI<br>SM5CCT<br>WW1WW                                                                                    | <b>1076</b><br>AG4TO<br>HA2ESM<br>JG1RYQ<br>JK7IKU<br>KB5CSQ<br>OZ3ABU<br>W1ZZ<br>XE1AE*                                     | <b>1071</b><br>DL1AN<br>KJ4FZ<br>LA2RZ<br>M0VCB<br>ND9M<br>NK9O<br>VK3MB<br>WA2DNI<br>WI4R              | <b>1065</b><br>DL1ZBO<br>EA4BHK<br>K8YFM<br>N2IFA<br>N4DJT<br>N4UW<br>NF4J<br>NK9R                            |
| <b>1090</b><br>CT3FN<br>DU1IVT<br>EI6JK<br>JA9LX<br>K3IXD<br>K4WJ<br>KM4GZI<br>KX5U                    |                                                                                                                            | <b>1080</b><br>EI9CN<br>JI5RPT<br>JK3NSD<br>K6EV<br>KG7CW<br>N4YE<br>N6JM<br>NR2D                                           | <b>1075</b><br>AC4CA<br>DL5SDB<br>JA5XWB<br>JJ2SEE<br>JK8VMB<br>K1TN<br>K9MQ<br>NN4DF                                        | <b>1070</b><br>JA7GZM<br>N3PPH<br>NJ9C<br>YU1LD<br>ZL3HAM                                               |                                                                                                               |

|                                                                                                                |                                                                                            |                                                                                                              |                                                                                                                          |                                                                                                               |                                                                                                      |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| W0TG<br>W4MOT                                                                                                  | JA5VMQ<br>K5AX<br>KI0G<br>LA1FH<br>R2OB<br>SV1PIZ<br>YL2CB                                 | <b>1053</b><br>IU5RTR<br>K6OHM<br>V47JA<br>YO4YPC                                                            | W4ZV                                                                                                                     | N6ZM<br>NT4K<br>SK6QA<br>VK4CC<br>W1CDC                                                                       | W7GES<br>W9XA                                                                                        |
| <b>1064</b><br>DS5WQT<br>ES2BL<br>JA1DHY<br>N6XI<br>VE3NKS<br>VK2DAG<br>W7GSV<br>WU8T                          | <b>1058</b><br>9A5MI<br>F5BZB<br>JA2BL<br>K0WK<br>K8TE<br>N6JOJ<br>SP5UFK<br>SP6QM<br>W6QO | <b>1052</b><br>IC8XIL<br>IK2QPO<br>K9WMS<br>KC4EZN<br>W3PT<br>W3ZL*<br>YB2BOB                                | <b>1047</b><br>DM2DXG<br>K0GVT<br>K3ZK<br>KD5RBU<br>KF6E<br>M0PCB<br>N4UC<br>N6IBP<br>OH2ECG<br>V31MD<br>VE3GFN<br>WA4WR | <b>1042</b><br>AB4ZT<br>AG2J<br>AJ4SB<br>K1RI<br>N4NT<br>S52R<br>W7BC<br>YL/RG5A                              | <b>1038</b><br>KT1V<br>N1CNG<br>ON8AH<br>ON8PHD<br>R3QF<br>VA1CHP<br>VU2SWS<br>W1HQ<br>YE1AR         |
| <b>1063</b><br>AK0MR<br>EA3LX<br>JF7PHE<br>KB3MXK<br>VE6PL<br>W4BR<br>WN9Q                                     | <b>1057</b><br>JA5IBP<br>LA2XNA<br>OL1HQ<br>W5MT<br>W6PH                                   | <b>1051</b><br>EI8JB<br>G3VXJ<br>IK8NIM<br>JA8GWA<br>K9JJR<br>K9NS<br>KB0FHP<br>KB4DSL                       | <b>1046</b><br>AB4EJ<br>DL2MWB<br>JA6SUJ<br>K1IG<br>KE6XL<br>KU4GC<br>N8JK<br>R6AZ<br>W4ALF<br>W6INO                     | <b>1041</b><br>A92BE<br>DG1SGW<br>HB9MZI<br>JA1WWB<br>JE0HUR<br>JG2NLN<br>N7VZ<br>N7WR<br>W0ZA<br>WA3EEC      | <b>1037</b><br>JA1MOH<br>JA7JAA<br>JI4UUG<br>N4CO<br>N5PD<br>NE6V<br>W4GKR                           |
| <b>1062</b><br>HB9ARK<br>IK4RQF<br>KN4WOJ<br>W1WEF<br>W4KCM<br>W8ZR                                            | <b>1056</b><br>K0GK<br>KC4LZN<br>LA2RR<br>N0PFE<br>N5JC<br>ZS4JAN                          | <b>1050</b><br>AA3R<br>AC8CE<br>JA1JYS<br>JI1SAI<br>JR2BNF<br>K0MB<br>KX2B<br>NJ4V<br>NO3U<br>W4IEE<br>W8RHM | <b>1045</b><br>AC2AC<br>JA1JQM<br>JK2IZR<br>NK3V                                                                         | <b>1040</b><br>8P5A<br>AA0BH<br>AE4VJ<br>JE6PJP<br>K0ARM<br>K3MI*<br>K4LCP<br>NC8I<br>UT4ZX<br>W2RDS<br>W8RES | <b>1036</b><br>DL2UR<br>IZ2IPF<br>JP1LVI<br>K2QE<br>KU9Z<br>NA9L<br>NN5O<br>UN5GM<br>UY0MM<br>WB3LGC |
| <b>1061</b><br>EI6GF<br>F8DQL<br>G0MMI<br>JH0NBN<br>KA4LBD<br>KD6X<br>KK7L<br>KO4DKI<br>LA9SN<br>N4BRF<br>NZ5F | <b>1055</b><br>I8NLC<br>K1FUG<br>LA4URA<br>OH3GGQ<br>SP5BMU<br>UU5WW<br>WB4OMM*<br>WD4NGB  | <b>1049</b><br>K5UN<br>N3COB<br>W3EP*<br>WV1X<br>YO8WW                                                       | <b>1044</b><br>DL1TPY<br>HA8UT<br>JL1OZI<br>K4ZW<br>M0AQM<br>UA3EAY<br>WD5IYT<br>WF5I                                    | <b>1039</b><br>3W3B<br>9A3QO<br>CT7ABD<br>E70X<br>IN3TWX<br>K9IO<br>KX5M<br>NF8J<br>NQ4A<br>PT2BW<br>SM3GQP   | <b>1035</b><br>AI6P<br>IU8LMC<br>JA8DIV<br>JE1TNL<br>KA9JCP<br>KR0I<br>RI1FJ<br>W3TA<br>W6VIO        |
| <b>1060</b><br>EI9HX<br>G4GEE<br>IK4PKL<br>IZ1EPM<br>W9IM                                                      | <b>1054</b><br>JA0CRG<br>JA2VBK<br>JA4EII<br>KB3KJ<br>N4NM<br>SQ6SZ*<br>ZL1AIX*            | <b>1048</b><br>EI8IQ<br>G8CRB<br>IZ1POF<br>JG4GZK<br>JK2XJE<br>KH6CQH/W7<br>SM7GXR                           | <b>1043</b><br>DF1TJ<br>G4WGE<br>HL1XP<br>JA1HQG<br>JH4EIY<br>K1GW<br>K1XH<br>K5DXR                                      |                                                                                                               | <b>1034</b><br>DL2DCX<br>K9AAA<br>WA1HXXH                                                            |
| <b>1059</b><br>DK4SR<br>DL0UM                                                                                  |                                                                                            |                                                                                                              |                                                                                                                          |                                                                                                               | <b>1033</b><br>9A1CZZ                                                                                |



|                                                                                                                                     |                                                                                                                        |                                                                                                                        |                                                                                                                                          |                                                                                                                           |                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| AA2T<br>EI2II<br>JA1VDJ<br>K4FW<br>K5JF*<br>KC4ES<br>KU4A<br>M0RTP<br>W9COS<br>W9HT                                                 | <b>1028</b><br>EI2FG<br>IK1RKN<br>TA1PB<br>W4SW<br>W6ELI<br>WA6APQ<br>YB3OSE<br>ZS6X                                   | K6PBF<br>N4GOA<br>N7GHZ<br>W3OP                                                                                        | G3AKU<br>G3WKL<br>G4PUQ<br>I8DKR<br>JH8UGL<br>JJ0PJD<br>JL2ULM<br>KB1AWM<br>N3GTG<br>NX3A<br>SP9MAV                                      | <b>1015</b><br>JA2QCX<br>K4NI<br>KB1OIQ<br>KI4FSI<br>N6TW<br>VE3VEE<br>W7CB                                               | W0OVM<br>WW6G                                                                                                                                 |
| <b>1032</b><br>9A1A<br>DL9ZAL<br>F5ELL<br>G4DYA<br>LA8ZAA                                                                           | <b>1027</b><br>4K9W<br>DJ9HQ<br>KG4VPC<br>LZ1QN<br>NT5EE<br>W5XG<br>WD4OHD<br>WW4N                                     | <b>1023</b><br>4X1EL<br>AC2RL<br>F6FFA<br>IU4AZC<br>JA1MZM<br>JA1QDB<br>KI6PG<br>N7YQ<br>RA3T<br>TF3T                  | <b>1018</b><br>EA3CR<br>K4HR<br>K8UHL<br>KM4AF<br>KO4IBL<br>N3BK<br>N7HCJ<br>NL8F<br>OZ4RT<br>R3LC<br>VR2CO<br>W4LLP                     | <b>1014</b><br>DK6CQ<br>DL6LZM<br>EA9LZ<br>HL1PET<br>K1NOX<br>K4CNF<br>KG5EG<br>NW8F<br>PT2CSM<br>TF3G<br>W7SMW<br>WB2MKX | <b>1010</b><br>CT1CQK<br>EA9AM<br>HZ1GW<br>JA6CMQ<br>K1QQ<br>K4EZY<br>K7UPJ<br>KA9JAC<br>KO7T<br>N2BEG<br>N5EI<br>W8EDE<br>W10E               |
| <b>1031</b><br>4O7CC<br>JH1OCC<br>JO3MXH<br>JR3PKO<br>K1JE<br>ND4K<br>NX7K<br>OZ1NF                                                 | <b>1026</b><br>DD9WL<br>DS2GOO<br>JA5OP<br>KA5OWI<br>N3DV<br>NN4NT<br>UA4Q<br>UX4UM<br>VE2WY<br>W2WGK<br>W6WRT<br>WX4W | <b>1022</b><br>EW3MM<br>G4CWD<br>G8GNI<br>I0LTX<br>JH1PZD<br>K4BYN<br>KF1P<br>N9AVC<br>W6OZI                           | <b>1017</b><br>IZ0COI<br>JA1GLE<br>JA3ALY<br>JL1EEI<br>K6NX<br>K6VWE<br>KT6AA<br>RA3AOS<br>W9TO<br>WA6VZN                                | <b>1013</b><br>AF6O<br>HB9RE<br>JK1DDQ<br>JN1SUT<br>K5HX<br>KA5IAU<br>KW6AA<br>NA6XX<br>PY2YW<br>R7KW<br>VR2CC            | <b>1009</b><br>DJ3GZ<br>EA5HZB<br>IZ7QSS<br>JE4MHL<br>JL1KBS<br>K4DXA<br>K5WL<br>N0SFF<br>N1XL<br>R3TKM<br>W0ZW<br>WD9FLI<br>WM5DX            |
| <b>1030</b><br>AI4EY<br>DL7UCX<br>JA6COW<br>K7WA<br>LA6VQ<br>M0LUX<br>N6MG<br>NU0Q<br>SV1DVX                                        | <b>1025</b><br>AC1O<br>DS5BRE<br>G0KRL<br>RL8C<br>RV6ARZ<br>WQ5N<br>YB9WZJ<br>YV6BTF                                   | <b>1021</b><br>AC9GK<br>DL1SWN<br>DL7VSN<br>F5TJC<br>K4VX<br>K6SS<br>K6WY<br>KC0V<br>N9ID<br>SP5AKI<br>W2YWC<br>YB2BNN | <b>1016</b><br>AB4BA<br>DS4AKP<br>EW4DX<br>F4GDI<br>HB9DPO<br>JQ2MPJ<br>K2KQ<br>K4CC<br>K9OHI<br>K9RZ<br>KD2NF<br>KL7XO<br>N5ZY<br>W2PSU | <b>1012</b><br>HB9WDF<br>JA1UXV<br>JH1KIM<br>K7LAY<br>N0UCR<br>RA3AA<br>RD3BZ<br>UU1JA<br>VU2OT                           | <b>1008</b><br>9A2DM<br>AE4S<br>JA9KKD<br>JF2OHQ<br>JG2NXV<br>K9CHP<br>RA9SAS<br>SM0DGW<br>W3LJ<br>W6LJS<br>W9VOB<br>WA8UEG<br>WB5KSD<br>XE1V |
| <b>1029</b><br>AB4BJ<br>CQ0ODX<br>DL6SAK<br>EI8JX<br>IK7XNA<br>IZ6IOC<br>JR3RIU<br>KH2X<br>OH8NW<br>VE3ZN<br>W2GHD<br>W2LPL<br>W6HB | <b>1024</b><br>CT2GZE<br>DK6WL<br>I2ZGC<br>IZ8DDP<br>JA2LMY<br>JP1QDH<br>JP7WJA<br>K5PLH                               | <b>1020</b><br>K2KNB<br>K2WR<br>K4BNF<br>N2MN<br>S53X<br>VE2ACP<br>WA8JBG                                              |                                                                                                                                          | <b>1011</b><br>JH4NYG<br>JR3DXJ<br>K3OK<br>N5XUS<br>OH1HAQ                                                                | <b>1007</b><br>7Z1CQ<br>DJ0BS<br>IK7ZLV                                                                                                       |

|             |             |             |        |        |
|-------------|-------------|-------------|--------|--------|
| JH4GXE      | <b>1004</b> | SV3AGT      | EA3HPX | RA5C   |
| K1UM        | CX9AU       | VK4ZP       | EA4EQD | RM6LW  |
| K2TTM       | GM0SCA      | W6JH        | EA6UE  | RT3I   |
| K4RWP       | JQ2NBX      | W9CY        | HI3I   | TA7AZC |
| KA2F        | K7UW        | WX4B        | HS8KAY | UA3DUJ |
| KR7RK       | K8JRM       | YB1MIG      | IK6TOT | VA2EBI |
| N3JON       | K9IJ        |             | JA0RWF | VA3EJN |
| N8YQX       | K9MRD       | <b>1001</b> | JA1VZO | VE3MSC |
| RN4AM       | LU7HF       | AD5CA       | JA1WIO | VK7AP  |
| VE3MDX      | N2JT        | DB2WD       | JA2KAK | VR2VGM |
| W9EBO       | RA5CM       | DG9NAJ      | JA2KPW | VU2MB  |
| WA0GOZ      | S53BB       | EA1BP       | JA9EJG | W3ENM  |
| WF5W        | VU2AE       | G4FVZ       | JA9KA  | W3RFX  |
| XE1SAX      | W5EW        | HB9GZE      | JF3KOA | W5GOL  |
|             | W9KM        | HS8HEX      | JG1EBU | W7GF   |
| <b>1006</b> | WA3KVN      | IX1CLD      | JH4MJO | W8GJK  |
| AC8TN       |             | JA1ASO      | JS2IMR | WI2E   |
| DB4RG       | <b>1003</b> | JA1CCG      | K0AL   | WM4W   |
| DJ9KV       | DF5BX       | JA5RVN      | K2RAS  | WW6W   |
| G3YBY       | E29TGW      | JE6OVK      | K5KEW  | XW4KV  |
| JK1OTP      | EU1TT       | K0FJ        | K5XS   | YB2TJV |
| K3WTT       | IK1RLI      | K6DLB       | K7LOL  | YO5QAW |
| K5AR        | JH9VLZ      | KB7AZ       | K9DUR  |        |
| KB5WWW      | KF4JHG      | KB8YTD      | KA6RWL |        |
| KC1UYZ      | KG5NP       | KF0QS       | KB3HHA |        |
| KF5BA       | LA4HC       | KG4URP      | KB7PKC |        |
| N5JED       | NC3O        | KO3F        | KD0BQS |        |
| N5KDV       | NJ8G        | LA8IB       | KE8NOA |        |
| NH6Y        | NK2H        | N3AS        | KF7PBM |        |
| OH4KRN      | RA0AM       | N3DD        | KF9LI  |        |
| PV8RR       | W0ADL       | N9ATD       | KG5POL |        |
| RW4NJ       | W5GFM       | R6TY        | KM6WXB |        |
| W7RJR       | WA8COB      | VA2KI       | KZ5D   |        |
| WB3LTT      |             | VE3FK       | LA9DL  |        |
| <b>1005</b> | <b>1002</b> | W2/F2YS     | N2YU   |        |
| DJ3CJ       | 7L1UVF      | W7GTF       | N3CAL  |        |
| DL8XDA      | AK0A        | W9LWO       | N4GRC  |        |
| GI4SJQ      | HB9FKK      | W9MB        | N4LS   |        |
| JN3XEZ      | I0ZYA       | WM6Q        | N4PAJ  |        |
| K5FO        | IN3FCK      | WV8EDU      | N7MGW  |        |
| KK6TBN      | JE4XCQ      | YE4FSB      | N7OR   |        |
| KR9A        | JH1JNJ      | YL2CP       | N8YO   |        |
| N3EEN       | JJ1HLL      |             | N9APK  |        |
| N6MM*       | JJ1XHI      | <b>1000</b> | N9NFT  |        |
| N8IBW       | KB9REV      | 7L3JAR      | NA9J   |        |
| NE5TX       | KJ7KOJ      | AB9BH       | NG4DX  |        |
| PA3AIN      | M1EMC       | AD5ZA       | NS0D   |        |
| UA9AM       | N1AH        | AI1W        | NT4TN  |        |
| UT9LC       | N2UO        | AJ6X        | OH7HM  |        |
| W1CVE       | N4WOT       | DB9CR       | ON5UJ  |        |
| W6DOE       | N4XC        | DL1DV       | PA5X   |        |
|             | N4YHC       | E25KAE      | PP6ZZ  |        |
|             | N8KOJ       | EA3AGY      | PV8AAS |        |