

## ARRL DXCC - 160 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 12 Nov 2019, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

|                                      |                                       |   |   |  |
|--------------------------------------|---------------------------------------|---|---|--|
| <b>348</b><br>OK1RD                  | <b>326</b><br>K5UR                    | W3LPL   | <b>306</b><br>IV3PRK<br>KJ9I  | VE3EJ  |
| <b>344</b><br>W8LRL                  | <b>325</b><br>ON4UN                   | <b>314</b><br>IK4GME<br>OH3SR<br>OK3GU<br>OZ1LO               | SM0AJU<br>SM6CVX<br>W5IZ  | <b>299</b><br>4X4DK<br>GM0GAV<br>GM3YTS<br>W7UT                          |
| <b>340</b><br>K1ZM                   | <b>324</b><br>K2TQC<br>UA4CC          | <b>313</b><br>IK4WMA<br>PE5T                                  | <b>305</b><br>DJ9KG<br>IK4MGP   | <b>298</b><br>DL4MCF<br>K4TEA<br>OZ3PZ<br>SM5CEU                         |
| <b>338</b><br>W4ZV                   | <b>323</b><br>R4GM                    | <b>312</b><br>K4PI<br>NX4D<br>OE3GCU<br>OZ7YY<br>S50U<br>W1JR | <b>304</b><br>DF3CB<br>N4JJ*<br>UA4CR<br>WT3Q                                     | <b>297</b><br>DK5PR<br>W0CD  |
| <b>337</b><br>EA8AK                  | <b>322</b><br>K9UWA<br>UX0UN          | <b>311</b><br>DJ6RX<br>G3PQA<br>GM3POI<br>RA7A                | <b>303</b><br>F5LGE<br>I4EWH<br>K4CIA<br>K9QVB                                    | <b>296</b><br>DJ2BW<br>G4PWA<br>IK2DFZ<br>ON5NT<br>UT3UA<br>W1JZ<br>W2MF |
| <b>335</b><br>W4DR                   | <b>321</b><br>SP5EWY<br>W1NG<br>W3UR  | <b>310</b><br>RW2A<br>SM5BFJ<br>SP2FAX                        | <b>302</b><br>K4SV<br>K4ZW  | <b>295</b><br>CT1EEB<br>F5NTV<br>K1UO<br>UA6A                            |
| <b>334</b><br>N4WW<br>VE1ZZ*         | <b>320</b><br>K5NA<br>OH2BO<br>W8UVZ  | <b>309</b><br>EY8MM<br>W3GH*                                  | <b>301</b><br>DJ0MDR<br>DL9KR<br>N4IS<br>S54E                                     | <b>294</b><br>PA3FQA<br>SM3EVR<br>SV8JE<br>YU1FW                         |
| <b>332</b><br>R7LV                   | <b>319</b><br>N0XA<br>WB9Z            | <b>308</b><br>I4AVG<br>K5RK                                   | <b>300</b><br>F6BKI<br>G3KMA<br>I2ZFD<br>JA7NI<br>N1RJ<br>OH5VT<br>RZ3AM<br>VA3EF | <b>293</b><br>JA4LKB<br>K3UA   |
| <b>330</b><br>OH2BU<br>UR0MC         | <b>318</b><br>K8MFO                   | <b>307</b><br>DJ7MI<br>K8GG                                   |   |  |
| <b>329</b><br>HA0DU<br>UA4HBW        | <b>317</b><br>S50A<br>W9ZR            |   |   |  |
| <b>328</b><br>AA1K<br>LZ2DF<br>UT7QF | <b>316</b><br>I4EAT<br>SM4CAN<br>W2VO |   |   |  |
| <b>327</b><br>K3UL<br>OH1XX          |                                       |   |   |  |

|  |   |   |  |  |
|--|---|---|--|--|
| N1DG   | <b>284</b><br>G4BWP<br>VA3DX<br>W0JX  | <b>275</b><br>I5NPH<br>JA1BK<br>S59Z<br>UW2ZM<br>W2OKM                            | SM4DHF<br>SM5DJZ*<br>SP3IBS<br>SV8CS<br>W1MK<br>W6UB                     | <b>259</b><br>AA4V<br>AA6YQ<br>F5NBU<br>JH4IFF<br>JR7VHZ<br>K9OW     |
| <b>292</b><br>N4CC<br>NN4T<br>OE1WEU<br>OM2XW<br>OZ1BTE<br>R7FK<br>SV1AOZ<br>W3YX<br>W8TOP | <b>283</b><br>DF3GY<br>K3SX<br>NA0Y<br>RA3DX<br>UX1UA<br>W8AV               | <b>274</b><br>I0WDX<br>S58T   | <b>267</b><br>F6AOJ<br>K5DU<br>N8RR<br>NO3M<br>ON7TK<br>SP5CJQ<br>UT5UGR | <b>258</b><br>DF4PL<br>IK8HJC<br>JA3FYC<br>RN3CT<br>SM5KNV<br>VE3QAA |
| <b>291</b><br>JA4LXY<br>KD9SV<br>SP3EPK<br>W0FLS   | <b>282</b><br>DL1YD<br>N2LT<br>N4KG*<br>SM3NRY<br>SM5AQD<br>SM6CTQ<br>UY5ZZ | <b>273</b><br>IK1GPG<br>JH4UYB<br>K2CL<br>K4IQJ<br>K8KS<br>RA3DA<br>UA3DPM        | <b>266</b><br>HB9BGV<br>K5BG<br>OE5KE<br>R3LA<br>UA6MF<br>W8XD           | <b>257</b><br>DJ9VA<br>HB9AMO<br>K1GUN<br>NN1N                       |
| <b>290</b><br>DF2UU<br>N3XX<br>N4RJ<br>SM3GSK<br>UA3AKO                                    | <b>281</b><br>DF2PY<br>JA2PJC<br>LZ2JE<br>W4TO                              | <b>272</b><br>9A7V<br>DK5WL<br>DL1DUL<br>G4CCZ<br>KF2O<br>SP6AEG<br>US4EX<br>W5ZN | <b>265</b><br>DL1RWN<br>K4WM   | <b>256</b><br>9A5CY<br>K1QX<br>K5VRX<br>OH3BU<br>PA7MM               |
| <b>289</b><br>RX4HZ  | <b>280</b><br>W2YC  | <b>271</b><br>EU7A<br>G4GED<br>IK4DRY<br>UA3AB<br>W0BV                            | <b>264</b><br>NR1R   | <b>255</b><br>G4OBK<br>N2MF<br>W5OZI<br>W9YSX                        |
| <b>288</b><br>DL1AMQ<br>JH2FXK<br>KV4FZ<br>N1BUG<br>PA3GCV<br>RA3CQ<br>SL0ZG<br>UA4LY      | <b>279</b><br>G3XTT<br>N2TK<br>N3SL<br>N8DX<br>PA0WRS<br>SP7VC              | <b>270</b><br>HB9BIN<br>IK5BAF<br>K2UO<br>K9CT<br>RY9C<br>UT7UW                   | <b>263</b><br>K4SO<br>NJ6P<br>R3OK<br>W3AP                               | <b>254</b><br>DL2OE<br>JA5AUC<br>K4QL<br>MD0CCE                      |
| <b>287</b><br>JA3ONB<br>JA4DND<br>LA5HE<br>RJ3AA<br>UA3LAR                                 | <b>278</b><br>DJ2YA<br>DK0EE<br>JA2JPA<br>SP6HEQ<br>WD5COV                  | <b>269</b><br>N9IW<br>OZ1CTK<br>W1ZC  | <b>262</b><br>SV1FJA<br>W1YY<br>W2SM                                     | <b>253</b><br>E17BA<br>RU3FM<br>RV3LO<br>SP9FKQ<br>W0YG              |
| <b>286</b><br>G0JHC<br>N0TB<br>OE6IMD<br>SM6CMU<br>SP3E<br>W4PK                            | <b>277</b><br>AA4MM<br>N2QT   | <b>268</b><br>DL5DSM<br>DL7VEE<br>G3TXF<br>IK4CIE<br>IZ0AEG<br>K1ZZ               | <b>261</b><br>DL9YX<br>K2EK<br>K4UEE<br>KG4W<br>N6SS<br>SM6CCO           | <b>252</b><br>EA1DR<br>W3UM  |
| <b>285</b><br>WK3N   | <b>276</b><br>EA6NB<br>F6BEE<br>G3LZQ<br>OK1AWZ<br>SM6CNN                   |   | <b>260</b><br>JR2KDN<br>K4DY<br>SP3DV<br>SP6CIK<br>W8TE                  | <b>251</b><br>DJ7RD<br>DL9RT<br>JH0BBE<br>K1CP                       |

|   |  |  |  |   |
|---|--|--|--|---|
| N0AT<br>W1GL<br>W3DF<br>W5UN<br>W7LR<br>WA4FFW<br>YO3APJ                  | IK5HHA<br>K5KC<br>ON4ATW   | JH1GZE<br>K1JO<br>K4XP<br>K8PT<br>OK2ZI<br>PY2RO   | <b>229</b><br>CT1FJK<br>K3SWZ<br>K5ESW<br>RO7T<br>SP1S<br>SP8AJK<br>UR5WA      | N2NL<br>N2WK<br>N3NT<br>RT6T<br>UT5JAJ  |
| <b>250</b><br>CT1APE<br>HB9RG<br>OZ8BZ                                    | <b>242</b><br>I1FQH  | <b>235</b><br>JA2VPO<br>JG3QZN<br>K1HTV<br>KG7H<br>N6DX<br>R7DX<br>SP5DIR<br>TF4M<br>US5WE<br>W1TSP          | <b>228</b><br>AF9H<br>K2UU<br>KY7M<br>LU8DPM<br>N7NG<br>NT0V<br>RW0LT<br>UX4UA | <b>222</b><br>JA1HGY<br>JA1UQP<br>K6EID<br>N8PR<br>SM0CCM<br>W7KW<br>WB6RSE                                 |
| <b>249</b><br>9A2EU<br>IZ1ANU<br>RA3XDX<br>SP5DRH                         | <b>241</b><br>DL4CF<br>JA3EMU<br>K5ZK<br>N4XM<br>N5TY<br>N7RT<br>SP5GRM<br>VE1YX<br>VE3CSK<br>YO5BRZ         | <b>234</b><br>JF2MBF<br>K3WW<br>K4UTE<br>K9OT<br>PY1BVY<br>VE7IG*  | <b>227</b><br>ES1RA<br>IK0HBN<br>JA5BZL<br>K1FK<br>K3NW<br>YO9HP               | <b>221</b><br>AB0X<br>FK8CP<br>IV3ODE<br>IV3YYK<br>K1FZ<br>VO1HP<br>W1ZK<br>W6JRY                           |
| <b>248</b><br>AA7A<br>CT1EKY<br>I2AOX<br>JA5EXW<br>K5RX<br>RK4FD<br>W9NGA | <b>240</b><br>AG9S<br>EA5BM<br>K1ZG<br>K6XT<br>PA4VHF<br>VK4MA<br>W9RPM<br>W9XY                              | <b>233</b><br>G3ZSS<br>K0CS<br>UA4HAU  | <b>226</b><br>DJ4AX<br>DL7HU<br>JI1BEX<br>ON4AOI                               | <b>220</b><br>AB4I<br>AG8B<br>HB9LCW<br>K2FF<br>K9NR<br>KA1R<br>OK1DWJ<br>SP8NR<br>UX1AA<br>VE3EXY<br>VE3XN |
| <b>247</b><br>AI9L<br>K6ND<br>KX4R<br>NO2R<br>NQ1K<br>R7IA<br>T77C        | <b>239</b><br>JQ3DUE<br>JR3IIR<br>K0JUH<br>K0KX<br>K7ZV<br>KH6AT<br>LY3UM<br>N8TR<br>NO8D<br>SV1ELF<br>UT7UJ | <b>232</b><br>K0KT<br>NI6T<br>SM3VAC   | <b>225</b><br>K1MM<br>K2AZ<br>K5AB<br>N4CH<br>OE5NNN<br>RW3XZ<br>VA5DX         | <b>219</b><br>9A4A<br>K1DG<br>K6TA<br>OE8RT<br>SP4K<br>WA2UUK   |
| <b>246</b><br>DJ2TI<br>K8FL<br>N6TR<br>W2TQC                              | <b>238</b><br>DK3DG<br>DL8WN<br>KD5M<br>ON4IQ  | <b>231</b><br>4X4NJ<br>EA4KD<br>HA9RE<br>IZ4BEZ<br>K0IEA<br>K9NW<br>ON4ACG<br>UA3AP<br>UA3TT<br>W5XZ<br>WX4G | <b>224</b><br>K9FD<br>KC7V<br>N8BM<br>R9FM<br>S52F<br>SP5INQ<br>VK6VZ<br>W2RQ  | <b>218</b><br>DJ4PI<br>DK0PM<br>JA8CDT<br>K1LT<br>K5UO<br>SM3NXS<br>W5PJR<br>W9IXX                          |
| <b>245</b><br>JA1GV<br>N5DG<br>N9US<br>S58Q<br>VE2TZT<br>WB3AVN           | <b>237</b><br>DL7MAE<br>G0DQS<br>K1VW<br>OM4EX<br>W4YO   | <b>230</b><br>IK0XEZ<br>IK2YCW<br>JA1CMD<br>N8JV<br>W4GF<br>W4VQ   | <b>223</b><br>5B4AGN<br>HA7TM<br>JR3GWZ<br>KA7T                                |   |
| <b>244</b><br>DK6WL   | <b>236</b><br>F2JD   |  |  |   |
| <b>243</b><br>AA1V<br>DK2JX   |  |  |  |   |

|  |   |  |  |   |
|--|---|--|--|---|
| <b>217</b><br>AI0O<br>JA0DAI<br>K5PC<br>N9BX<br>UA3AGW   | K1AR<br>K1ST<br>K4MWB<br>KE9I<br>KG6I<br>N1ZZ<br>SV8BHN<br>VO1NA<br>WA7NS                                       | KF0QR<br>SM5CZQ<br>W2LK<br>W6YI  | R9TO<br>WD8PKF<br>ZL3IX  | K3KO*<br>N7KA<br>OE4PWW<br>OE5FIN<br>ON4CD<br>ON6YH<br>RL9F<br>RZ6FA<br>W5TCX   |
| <b>216</b><br>G3WPH<br>K9FD/KH6<br>N6VR<br>OE1ZL<br>RZ0AF<br>W6XA<br>W9BF<br>YO7LCB  | <b>211</b><br>I3BUI<br>JA6LCJ<br>JA8EAT<br>K8SIX<br>KR9U<br>N5KD<br>N6AR<br>ON4GG<br>RA3QK<br>YV1DIG            | <b>206</b><br>AJ6T<br>DL5WW<br>JA4DEN<br>K2VV<br>K5AQ<br>K9ZO<br>LA2XPA<br>NI0G<br>W0VTT<br>W6PJ             | <b>201</b><br>DL1EJA<br>JA2FBY<br>JH1HGC<br>K3HP<br>K4HB<br>W8GC<br>WI8A   | <b>196</b><br>AA4HP<br>JF2KOZ<br>K8PO<br>KP2A<br>N4II<br>RA9CMO<br>RU3QR<br>W2FCR   |
| <b>215</b><br>F6BLP<br>JA5MHD<br>JA7QVI<br>K4XL<br>N7JW  | <b>210</b><br>I8SAT<br>K0EU<br>K0MN<br>K3JGJ<br>W3YY<br>WS6X  | <b>205</b><br>HA1RW<br>I1EIS<br>I4LCK<br>JA3AAW<br>K4MQG<br>UT9FJ<br>W7AO<br>YU3AA                           | <b>200</b><br>G8VR<br>IK0XBX<br>JA1GTF<br>JH2RMU<br>JH7PFD<br>JJ2LPV<br>K1GE<br>K2NV<br>K3WA<br>K5MC<br>K8AC<br>K8EUR<br>N9AU<br>R5DT<br>RW4NN<br>W3GG | <b>195</b><br>4Z4DX<br>EA1EVR<br>G3ZEM<br>JH4ADV<br>K7SO<br>K8FH<br>KF8UN<br>N5JR<br>S57A<br>W0DD<br>W0UO<br>W1TO<br>W9OP |
| <b>214</b><br>HL3IUA<br>JA2JW<br>JR6EZE<br>K1AM*<br>K3SV<br>N5AW<br>N5UL<br>OK1DX<br>RN7G<br>S51DI<br>VE6WZ<br>W4NL                      | <b>209</b><br>DL5CF<br>K5XI<br>NX0I<br>VE1DX<br>W0AIH*<br>W0ZR<br>W6PBI*<br>W7KNT                               | <b>204</b><br>JA0CRI<br>JH2TPI<br>KK4SI<br>N0AV<br>N1LN<br>N7FU<br>PY2BW<br>R5AJ<br>RA0FF<br>SP7GAQ<br>US6EX | <b>199</b><br>AD5A<br>HB9DDZ<br>JA2DPC<br>JE1PNX<br>K6GXO<br>N4DW<br>SM6BZV<br>UN5J<br>UR5EDX<br>VE3LYC<br>W3KX  | <b>194</b><br>DF6PB<br>G3SNN<br>JA2XYO<br>K9JF<br>KC9ARR<br>KD0Q<br>PY2XB   |
| <b>213</b><br>DF2IS<br>EI3IO<br>JA0FSB<br>JA2FJP<br>JF6DSZ<br>K5EK<br>KA9CFD<br>NA2M<br>RV1CC<br>SK3PY<br>W0LYI<br>W1FJ<br>W2WG<br>ZS4TX | <b>208</b><br>IK0YUT<br>IV3JVJ<br>K2FU<br>K8ZTT<br>LA3MHA<br>N4MM<br>N5ORT<br>N6JV<br>RU3ZX<br>SM5JE*<br>WA5VGI | <b>203</b><br>K4XO<br>N4NX<br>OM3DX<br>PA0A<br>R6AF<br>WB8ZRL  | <b>198</b><br>AA1QD<br>DL1ROJ<br>G3UJE<br>JH0INP<br>K1DT<br>KG9N<br>KK2I<br>SP3CGK<br>W0MHK  | <b>193</b><br>DK2NG<br>DL5ZB<br>DL6ZXG<br>HA5BSW<br>JA1EOD<br>JA7MSQ<br>K3JT<br>N1SV<br>N9EN<br>PA0LOU<br>RN1ON<br>W0RI*  |
| <b>212</b><br>DL9GFB<br>JA6BZI   | <b>207</b><br>IK0MHR<br>JA8FKO<br>K1LPS   | <b>202</b><br>DJ5AV<br>DL1MGB<br>DL2KQ<br>IK6DLK<br>JA3CSZ<br>JH3VNC<br>LY1G<br>OK1DOT                       | <b>197</b><br>AC4G   |   |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| W2LO       | <b>187</b> | <b>182</b> | JE2URF     | UA1OMS     |
| W9MU       | AJ1H       | AB6QM      | K8MN       |            |
| <b>192</b> | DL7BA      | JA1SHE     | KV7K       | <b>170</b> |
| AD8P*      | G4BUE      | JJ3PRT     | W4BP       | JA2NDQ     |
| JF3KON     | HB9DDO     | OZ1AXG     | W4GD       | JA6JPS     |
| K3FN       | K9LA       | <b>181</b> | W5LT       | JM1GYQ     |
| K5XX       | KN5O       | JA7JWF     | <b>175</b> | K1NTR      |
| K9RT       | LA7JO      | K0SR       | AG4W       | K4ODL      |
| RN3QN      | N2NS       | K4FJ       | JA1CHN     | K5EJ       |
| UT7UV      | OK1CZ      | KB1EFS     | JH2UVL     | K5KLA      |
| W8LGJ      | W1ECT      | UR5FEO     | JS3CTQ     | K8VC       |
| <b>191</b> | W2HUV      | VE3OSZ     | K4DLI      | OK1DWC     |
| IK6FWJ     | W7AWA      | <b>180</b> | K7BG       | RA1QD      |
| K4KDX      | W7DO       | K6SSS      | KC6AWX     | SV3KH      |
| RK2FWA     | W8JV       | KB9LIE     | VE3BW      | US8UA      |
| W3LL       | WA2VYA     | N4AH       | <b>174</b> | W9EVI      |
| <b>190</b> | WS9V       | N8DJX      | AA5AM      | <b>169</b> |
| JA1MCU     | <b>186</b> | ON5FP      | AB4IQ      | AB3CV      |
| JA3PIS     | JA5AQC     | UA0CA      | I6FLD      | DJ6TK      |
| K2TE       | K4JJW      | <b>179</b> | JA2XW      | HA9PP      |
| K3LR       | K7LAY      | DL9MRF     | JF7DZA     | JA0DET     |
| N5GH       | K8ZH       | I4KDJ      | JK1OPL     | K1LI       |
| OZ4O       | K9MMS      | K5RT       | JR6PGB     | N4XX       |
| VE7VV      | N5ZM       | K8WK       | K4TR       | WE9R       |
| W2IRT      | N5ZM       | OK1MG      | RN7F       | <b>168</b> |
| W3UA       | W0LS       | SM4DDE     | UT2UB      | G3MXJ      |
| <b>189</b> | W8UN       | VE3DZ      | WT8C       | JE7JDL     |
| EA8PP      | WA2HZO     | W2YJ       | <b>173</b> | K5QY       |
| FM5CD      | <b>185</b> | <b>178</b> | I5KKW      | K8RYU      |
| JA1DUH     | EA6BF      | 9A2F       | IZ8FFA     | LA3WAA     |
| K9EU       | G3KWK      | A45XR      | K9YY       | SP5GH      |
| K9RX       | N4TJ       | JA4MRL     | KA1J       | UA0SC      |
| SV1RK      | N5UR       | K6SRZ      | N5FG       | UY5AA      |
| UA7T       | NV9L       | N8LJ       | N5OK       | W4SVO      |
| W0FS       | RZ4FO      | SM7DLK     | VE3FF      | W6VX       |
| W0GJ       | SV1DPI     | SP2LNW     | <b>172</b> | <b>167</b> |
| W5DM       | UA9CBO     | SV1JG      | G3NKC      | DK5AD      |
| <b>188</b> | W0EWM*     | UA9FAR     | KA9FOX     | K0JGH      |
| IK4DRR     | <b>184</b> | <b>177</b> | KJ0M       | K6KO       |
| JA1ANR     | 9A8A       | 9H1SP      | OE2BZL     | N0IJ       |
| JA1KQX     | DJ8NK      | AE5E       | W4FQT      | N7US       |
| JA9PPC     | JF1NZW     | DL9DRA     | <b>171</b> | RA1AOB     |
| K4NA       | K4HGX      | HB9CXZ     | DJ5FI      | RN9N       |
| KM1D       | K9KU       | JA8DNV     | JA5IU      | S51EC      |
| LA5IIA     | KB4ET      | K2EP       | JA6HUG     | W1YM       |
| N4DB       | S57AC      | <b>176</b> | JR1TNE     | W8TN       |
| UX0FF      | <b>183</b> | AA9A       | K2FL       | <b>166</b> |
| W6SR       | IT9INO     | EU1AB      | K4WS       | 7M4HXF     |
| W8HB       | JA1SYY     | IK2QPR     | K4XR       | DJ4SO      |
| WA6YEE     | JJ2KXX     | JA2IVK     | N4OGW      | IV3TDM     |
| WB9CIF     | RZ3DX      | JA6BJV     | SM6DHU     | IZ8FWN     |
| WF4U       | SM0NJO     | <b>175</b> | SV8GFW     | JA1FNA     |
|            | W2FP       |            |            | K3KY       |
|            | W8NW       |            |            |            |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| K4PB       | IZ1LBG     | DL1FKA     | K1BD       | W2RS       |
| K8NK       | JA6GIJ     | J11FXS     | K7NN       | W5DNT      |
| K9US       | JA7ZP      | JR1GJP     | RA3WDK     | W6RLL      |
| N0RN       | K0DEQ      | K2PLF      | WP4U       | W7AJ       |
| SM5FUG     | K1KI       | K4ZYU      | ZS6EZ      | W7FI       |
| UR3EO      | K4JLD      | K5TT       |            | W8OI       |
| W1RR       | N5WA       | K8ND       | <b>154</b> | WB3CQM     |
| W6NWS      | ND0N       | N3BNA      | 4O3A       |            |
| W7MEM      | VE3CFK     | SM4EMO     | GM3PPE     | <b>151</b> |
| W8ILC      | W0HT       | W1OX       | JA8NFV     | DK2OY      |
| WA8TXT     | W1LW       |            | JF8QNF     | JA6BEE     |
|            | WA4LOX     | <b>157</b> | K8NVR      | JE1BMJ     |
| <b>165</b> |            | 4Z5CX      | K9NU       | K2FW       |
| AA9D       | <b>161</b> | AA4H       | KS1J       | K3PA       |
| DL7UCX     | DL6RAI     | F6DAY      | N1RR       | K7SP       |
| IZ8VYU     | JA1DOF     | JA0UUA     | NW7E       | OK1ATP     |
| K1NU       | JH1IFS     | JA1GHH     | PA7F       | ON6SAS     |
| K4XD       | JH4CPC     | JH1QAX     | W3GQ       | RA3AUU     |
| KF7PG      | K8FC       | J11NJC     | W4FC       | RD3A       |
| KK4CB      | LB8DC      | K1GG       | W4UM       | S54A       |
| N8BJQ      | N7IR       | K1NJ       | WX0B       | SP7AWG     |
| RM0F       | OH6RA      | LB6KC      |            | SV9AHZ     |
| SM4CTT     | VA2WA      | LY5A       | <b>153</b> | W5GZ       |
| UY1HY      | W0TT       | NE9Z       | DK2LO      | W7RH       |
| W5BN       | W1NT       | NK1K       | DL3ZA      |            |
|            | WA3AFS     | RA3ZH      | G3TJW      | <b>150</b> |
|            | WC5N       | RU4UR      | JF1IRW     | DM3VL      |
|            | YU2TW      | SM3PHM     | JH2SON     | F6HDH      |
|            | ZS5LB      | SV8ZS      | K7GM       | IZ5MOQ     |
|            |            | W2TA       | K8RRT      | JA2BDR     |
|            | <b>160</b> | W7TVF*     | K8VJV      | JA2NQG     |
|            | DL1DA      | WD8JJA     | KB8VAO     | JH1RFR     |
|            | G0EHO      | YO2DFA     | N4PQX      | K2KA       |
|            | JA2EPW     |            | N5LZ       | K2UR       |
|            | JE2OVG     | <b>156</b> | N5TW       | K7LV       |
|            | K5JZ       | EA3WD      | N8II       | KS3F       |
|            | N8MR       | JA4FKX     | SM6CLU     | KU4XO      |
|            | UA0FZ      | JF1PUW     | SP5CCC     | OE8SPW     |
|            | W1BR       | JF4VZT     | UT5UY      | OZ3SK      |
|            | W1YW       | JO7HAM     | W4QN       | UA6YW      |
|            |            | K8YSE      | WJ4T       | W2XI       |
|            | <b>159</b> | N4GN       |            | W6DAO      |
|            | DK1FW      | UA3SAQ     | <b>152</b> | W8WEJ      |
|            | GU4YOX     | W1YIF      | DJ9HX      | WA1Z       |
|            | JA3RAR     | W4TV       | DM5EE      | WD5BJT     |
|            | JG3IWL     | WA7NB      | JA1ADT     |            |
|            | K4RO       |            | JA9TWN     | <b>149</b> |
|            | RW7M       | <b>155</b> | JT1CO      | DL7CX      |
|            | UA0SR      | 4Z5MU      | K4CN       | F3SG       |
|            | UX5UO      | AA1ON      | K9MBQ      | HB9DHK     |
|            | W6BJH      | AD5Q       | K9YC       | IK2EGL     |
|            | W7SX       | DJ9ON      | KB0EO      | IK4FNF     |
|            | WB7B       | DL1RK      | LA5LJA     | JL1ARF     |
|            |            | JA0GJJ     | S55ZZ      | K4YYL      |
|            | <b>158</b> | JA2JNA     | UA6IGI     | K8ME       |
|            | DJ4PT      | JA2WYN     | UT5AB      | N5JB       |
|            | DK2GZ      | JE2LUN     | VE6LB      | N9OY       |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| UW7UA      | LB2TB      | HK3W       | K1USA      | SV2JAO     |
| W0GG       |            | IK0FUX     | N2WM       | W1DIG      |
| WB8B       | <b>144</b> | IK4ADE     | RT0F       | W2GD       |
| YO3DDZ     | EI6IZ      | IK7NXM     | RW4CY      | W4MBD      |
|            | G0BLB      | JF2UPM     | W2YE       | W4RFZ      |
| <b>148</b> | GM3ITN     | K2RW       | W4YV       | W5ZG       |
| AC6DD      | JA1PPW     | LA4GHA     | W7OM       | W6JTI      |
| F5CQ       | JH1GNU     | MM0EAX     | WS7L       | W6RW       |
| JH6QFJ     | N3KK       | N1IBM      |            | W8VVG      |
| JO7WXN     | N4TV       | NE1B       | <b>137</b> | ZS1C       |
| JR7BDQ     | NI0C       | SP1MGM     | DL5KUA     |            |
| K0KVR      | SM3DTR     | W1AX       | DL6KR      | <b>134</b> |
| K9GA       | SM4OLL     | WD9DZV     | G4FTC      | GM3YOR     |
| KR4F       | SM5CLE     |            | JA3APU     | HB9BYQ     |
| LA5YJ      | W3YQ       | <b>140</b> | JE6TSP     | I1JQJ      |
| N2WB       | WA0MHJ     | K5WK       | K5TR       | IK4DCS     |
| SP7HOV     | WC5M       | N4GG       | N2PK       | K1TO       |
| UA2FF      | WD5T       | OK2ZV      | N4XP       | N9RC       |
| US0KW      |            | ON7DR      | OE2LCM     | N9RS       |
| W4DKS      | <b>143</b> | PA3C       | RG7G       | NN4X       |
| W5FIX*     | DL6EN      | RA3DNC     | SM6VR      | RG6G       |
| W5FKX      | DM2DXA     | W6QUV      | SP3GTS     | RU0SN      |
| W8UV       | IZ4DPV     | W8LWU      | UU1JA      | SP6EQZ     |
|            | JA1XEC     |            | W1ITU      | UA0ACG     |
| <b>147</b> | JA3GN      | <b>139</b> | W5ODD      | UY0ZG      |
| JA1XQC     | JA6VQA     | 9A1CAL     | WB5JID     | W2OIB      |
| JA9LJS     | K0QC       | DJ4XA      |            | W4JKC      |
| K0BJ       | K5KV       | DL5EBE     | <b>136</b> | WA3C       |
| K2LS       | K7CMZ      | DL8OH      | CT3MD      | YU1AM      |
| K4RG       | N5UW       | I5HOR      | IK8CNT     |            |
| K8AJS      | N9FN       | IF9ZWA     | JA1PTJ     | <b>133</b> |
| KM1H       | NR4M       | IK0PEA     | K0TV       | 9A4T       |
| N7XR       | PY5EW      | K3ANS      | K4OY       | CX6VM      |
| SM6CUK     | R8TX       | K5GKC      | KR6C       | EA5RM      |
| W2KKZ      | VE3CV      | K6AM       | NE3F       | EU1U       |
| W7BEM      | W1ZT       | K7WP       | OK1DW      | JA4DHN     |
| W9RN       | WB8ZRV     | KJ9C       | OK1MP      | JA7GLB     |
| WB3JFS     |            | KU0A       | RU6M       | JG1ULJ     |
|            | <b>142</b> | LA8WG      | SM5OJH     | K1OA       |
| <b>146</b> | EA1RT      | N3RC       | WD5K       | K2CDJ      |
| 4Z1UF      | G4GIR      | SV8ZC      | WN6W       | K3TN       |
| 9A4W       | HS0ZEE     | W9XQ       | YL2TW      | KU2A       |
| EA3KU      | JA9NFO     | YL2MU      |            | LA7AFA     |
| EA5BY      | JH1TWT     |            | <b>135</b> | NQ7R       |
| IW2FND     | JH2QMT     | <b>138</b> | 5B4MF      | OE1KM      |
| JA0EOK     | K4WZ       | DK8YY      | 9A2JK      | RV4LC      |
| JA1HQG     | K8UT       | EI9FBB     | CT1IUA     | UQ2PZ      |
| K5SM       | N4HB       | EW2A       | EA8JF      | VE3WT      |
| VE6WQ      | NA4D       | F6DDR      | JA7LMZ     | W0NFL      |
| W1IZL      | UR4CWQ     | I2ZGC      | JA8BNP     | W8RLS      |
| W5XC       | W2OO       | IK8EPC     | JA8JL      |            |
| W8KEN      | W2XL       | IZ3ENH     | K3PP       | <b>132</b> |
| WB8BPU     | WA5POK     | JA9APS     | K7HP       | AA4NC      |
|            |            | JF1WPB     | N3OC       | JA3DY*     |
| <b>145</b> | <b>141</b> | JR7MAZ     | N4PY       | JA6CBG     |
| JJ3HGJ     | DL5MHQ     | JR9OPJ     | RN3RQ      | JA9FPI     |
| K8BL       | EW1BA      | K1RO       | SM5CZK     | JA9RRH     |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| K6YUI      | R5QA       | <b>127</b> | JA6VU      | K5GH       |
| K7FL       | R9OK       | CT1EAV     | JE1TSD     | K9CS       |
| KE9ET      | RU1AO      | CU2DX      | JE3GRQ     | N2ED       |
| N1IX       | VE3DO      | JA1DDH     | JE6UWU     | N6MZ       |
| N6HY       | W1SKU      | JA1WLO     | K1HAP      | N9JV       |
| OZ2RH      | W2MPK      | JA2KVD     | K3VAT      | NA2P       |
| SM2OAN     | W2QO       | JA8RJE     | KM4H       | NN4R       |
| SM4BZH     | W7JY       | JA9NLE     | KR2Q       | PA5TT      |
| SM6BGG     | W9ZT       | JS2LHI     | LZ1XL      | RA3S       |
| VE3CRG     |            | K0RW       | N2KA       | UA0BA      |
| W4AXL      | <b>129</b> | K3NK       | N3EN       | UT3QU      |
| W4BUW      | HB9IQB     | N1AC       | N4JT       | W6CYX      |
| W4RBO      | I5MXX      | N1GC       | ND5S       | W6RKC      |
| W4WM       | IT9BLB     | N3QE       | NW6S       | YO2RR      |
| W5SL       | JA1NWD     | N5PHT      | OE1AZS     |            |
| W8HC       | JA8JO      | OE8HIK     | ON4CAS     | <b>122</b> |
| YV2IF      | JE2LPC     | SK7AX      | RA0BA      | EA3GP      |
|            | JN7FAH     | SP7ASZ     | UU7JM      | G3NDC      |
| <b>131</b> | K0TT       | W0RT       | VE3UTT     | G4WFG      |
| DJ9ZB      | K6XM       | W2OR       | W1EQ       | G5LP       |
| IV3KFB     | KL0S       | W3MF       | W3BG       | IT9GSF     |
| JA2TBS     | N0YY       |            | W8HW       | JA1MRM     |
| JJ1TEA     | N3KS       | <b>126</b> | W8MET      | JA3ENN     |
| K3MSB      | N3RR       | AJ9C       | W9CG       | K2MP       |
| N4QWZ      | NJ3K       | DJ8WD      | WW2DX      | K3OX       |
| ON4ON      | SM3BCS*    | F8BPN      |            | K4ZIN      |
| R0SR       |            | G4IUF      | <b>124</b> | KM3V       |
| R9MJ       | <b>128</b> | IV3RAV     | AA7XT      | LA8PT      |
| R9SA       | AF4HX      | JA2FBC     | AB9V       | N4DWK      |
| W0SD       | ER0FEO     | JH7IAJ     | HL2CFY     | NN7X       |
| W2CG       | JA2ATE     | JN1BMX     | JA1RTX     | OZ3Y       |
| W3BW       | JA2KSP     | K2ZD       | JA2VQF     | RD4A       |
| W4VIC      | JA9AA      | K4SE       | JA4IYL     | SV5DKL     |
| W7AL       | JE1LFX     | K8NS       | J11DHY     | UT5EL      |
| W7YAQ      | K0FF       | KF8DX      | K2AX       | UU4JMG     |
| W8DCH      | K3XA       | KX4TT      | K6KLY      | VK3HJ      |
| WA2BCK     | K4JAF      | OE1TKW     | KD4POJ     | WE1P       |
|            | KH2L       | OH2BLD     | N2ZN       | WO2T       |
| <b>130</b> | N1CGP      | OK3CQD     | NX8Y       |            |
| AD6W       | N5MOA      | R9AB       | SP6A       | <b>121</b> |
| DF9ZW      | NY2NY      | TF3SG      | UN7LZ      | AA6RR      |
| DK7YY      | R9SG       | VE3CX      | VE1DUN     | DF1DB      |
| DK8MCT     | RL3FA      | W7QHE      | W2RIJ      | DK1EI      |
| DL4SZB     | S53X       | W7ZI       | W3FM       | DK6CQ      |
| E73M       | SM3LGO     | W8REW      | W7CT       | F4GTB      |
| F5LVL      | SV3DCX     | WD4LBR     | W9FR       | G0OIL      |
| HK0HEU     | UT3UZ      | XE2S       |            | HB0CC      |
| JA7LGE     | VQ9LA      | YU1EXY     | <b>123</b> | JA2AHH     |
| JH1QDB     | W1VT       |            | DL1DUO     | JF2XGF     |
| JL1SAM     | W2WC       | <b>125</b> | JA0CRG     | K1YT       |
| K1ZE       | W4IS       | 3V8SF      | JA1SVP     | K5VIP      |
| K2MYR      | W5LUA      | AA4SC      | JA3MHA     | KD0PO      |
| K5ZD       | WA8WV      | EI2JD      | JA7KY      | KD8RQE     |
| K7LFY      | YO3CD      | G7VJR      | JH1NYM     | LA6OP      |
| K8BCK      | ZS6UT      | GW3TMP     | JI4POR     | N7BT       |
| NO9E       |            | IZ4GWE     | JR1EBE     | OK2QA      |
| R3VA       |            | JA2LCP     | K2PK       | UQ1GWW     |



|            |            |            |            |            |
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| UT4EO      | <b>118</b> | DL7URH     | K2DC       | <b>112</b> |
| UU2JQ      | DL5OCE     | EA5BRE     | K3OSX      | A92IO      |
| VA3AYA     | F6FXU      | HA7PF      | K5RJ       | DJ1RL      |
| VE6SV      | JA4FHE     | HB9HFN     | K8RF       | EW1DO      |
| W2GG       | J18DGO     | HI3T       | KZ4V       | G3XGC      |
| W6XI       | K4CNW      | IK0EIE     | N5KM       | HB9CRV     |
| XE1VIC     | K5KG       | IV3HYD     | NU8Z       | HK1MW      |
| <b>120</b> | KD6UO      | JA1WTI     | OE3EVA     | I5OYY      |
| 9A5F       | KS4YT      | K7ZA       | PZ5RA      | IK0IOL     |
| DF7EE      | LZ2HM      | KT1V       | RN3OG      | IZ4DIW     |
| FG5FR      | N1JP       | PA0JSE     | UA3FT      | JA1SXR     |
| HB9BLQ     | N2MM       | RV3ID      | W4TUN      | JA2ZL      |
| JA7MOL     | N3UA       | W1ENE      | WA9YYY     | JA4OK      |
| K2BA       | N8PW       | W1WEF      | XE1H       | JA7BXS     |
| K3QIA      | PY2PA      | W7GG       | XE3ARV     | JE1FQV     |
| K4WA       | RN3TT      | W7OEV      | <b>113</b> | JR7TEQ     |
| KA8ZPE     | TA2RC      | WQ5L       | 9A1A       | K0JPL      |
| N4TB       | W4NJ       | WW3S       | AB2E       | K1KO       |
| SP7ITB     | WT4Q       | <b>115</b> | DJ5DT      | K2QMF      |
| UN7JX      | YO4AUL     | C6AGU      | DL8CM      | K4UAS      |
| W0CP       | <b>117</b> | CU2CE      | DL8DYL     | K8CC       |
| W1AO       | 9Y4VU      | DK3WW      | EA5KA      | K9ZM       |
| W1OP       | AE0P       | DL9GOA     | EA7TV      | KI4DLS     |
| W4PRO      | CT3HF      | EU4A       | JA4ITW     | KM1C       |
| W5AJ       | DL1DWT     | HA5UK      | JA6WJL     | LA8HGA     |
| WA9PIE     | DL5CW      | JA0VSH     | JR6LLN     | N3NR       |
| <b>119</b> | G3LAS      | K0SD       | K4GHS      | N4ZY*      |
| DK3GG      | I4MKN      | K4GK       | K8LN       | N6MA       |
| DK3UA      | JA1HQT     | K6SIK      | KH6DX      | N6MB       |
| EI6FR      | JA4FM      | K8YTO      | KI0G       | N6RK       |
| G3UHU      | JA7IC      | KO8SCA     | N4DJ       | RU4SU      |
| HB9AAQ     | JF3LOP     | N4OA       | N7KO       | SM3DMP     |
| HB9BCI     | JM3GXU     | N8KOL      | NI5F       | SV3FUO     |
| JA3AZD     | K6PJ       | OE4VIE     | OH6NIO     | UA1ACG     |
| JA4XGC     | K8DV       | PA3AXU     | OZ1IKY     | UN6T       |
| JH6CDI     | K8QM       | RW3RN      | R7NA       | UT6UD      |
| K2HK       | KC2LSD     | S51NM      | RA4UN      | W1HEO      |
| K6NR       | KI4WCQ     | SP2BMX     | RZ3AUL     | W2CVW      |
| K8KWT      | N4IR       | UA1ANA     | SM5ARL     | W4VHF      |
| N7WS       | N4UFP      | UA6XT      | SP3EPG     | W6TC       |
| N9UA       | N8AA       | W9XX       | SV2AVP     | W9AJ       |
| NA5DX      | N8XI       | WB8K       | UT8MM      | W9SE       |
| NN2L       | NY4G       | <b>114</b> | W2/CT1GIF  | WA8OLN     |
| NT2A       | SM7BIC     | BA4DW      | W4JAM      | ZP6CW      |
| NY7T       | UA6JFG     | CT3FN      | W6BK       | <b>111</b> |
| OH5NG      | UN9L       | DL6NB      | W7AH       | AF4OX      |
| OK1DT      | W0IZ       | F6CWA      | W8FAX      | DK2WH      |
| SV1ACK     | W2JU       | G3SDL      | W9VNE      | DK6ED      |
| SV1IW      | W4DAO      | G8DX       | WA1FCN     | EV1R       |
| W4HZ       | W4ZRZ      | HA1RB      | WA2USA     | G3PLP      |
| W5QP*      | W6SL       | HP3TA      | WA4DOU     | G4DBN      |
| WA1PMA     | W7RN       | IV3DXW     | WB2HJV     | JA1AUD     |
| XE1RCS     | <b>116</b> | JF2WXS     | WS4C       | JA1FGB     |
|            | AE3T       | JH6WMJ     | ZL1BYZ     | JA1NCZ     |
|            | DF2RG      | K1ZN       |            | JA5WIZ     |
|            |            |            |            | K1RV       |

|            |            |            |            |            |
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| K5UZ       | N3IQ       | HB9BAT     | N2RR       | RU3DX      |
| K7ORK      | N3JB       | HB9G       | N3DAP      | SP6AXW     |
| K9AJ       | N4KE       | HC1BI      | N8AGU      | UT7UU      |
| K9MK       | PY5HOT     | IK0PRG     | NA1DX      | UU5WW      |
| KM1R       | SM5BHW     | JA2MOG     | NY4I       | V73AZ      |
| KT1J       | UR5MID     | JE8TGI     | OE1CP      | VQ9SS      |
| KZ0X       | US7MM      | JJ1DWT     | OK2BUZ     | W0VX       |
| LA0CX      | W4DC       | K1XM       | OK3CQR     | W1CWU      |
| N1QY       | W4GE       | K2KQ       | PA9RX      | W2GPS      |
| N2JJ       | W4NE       | K4JKB      | R0FA       | W4IR       |
| N4WJ       | W5ZPA      | K4WY       | RN4AA      | W4ZYT      |
| N4XU       | W8MIL      | K4XU       | SP3BQD     | W5JAY      |
| UN7TW      | WX0V       | K6UT       | UR9IDX     | WA4MYO     |
| UR6QA      | XE2X       | KK1W       | US5CB      | WS1L       |
| UT1UY      | YO9FNP     | LU2DKT     | W1KSZ      | WW1WW      |
| VE6KC      | YU7AU      | N1BZ       | W6TDX      | YL2GN      |
| VE7CT      | ZL3NW      | N3ND       | W8NJR      | YU3EF      |
| VE7UF      | ZS1LS      | N8OC       | W9CPV      |            |
| W4NU       |            | PA0ZH      | WN0L       | <b>105</b> |
| W4OX       | <b>109</b> | R5FY       | YL1XZ      | AA3AZ      |
| W5AQ       | AA4U       | R7LA       |            | CT3KN      |
| W5DAW      | BA7IO      | RX6DX      | <b>106</b> | DF8AA      |
| W7VS       | DL2VWR     | S57J       | AA4FL      | DJ3XD      |
| W9RB       | EA3GHZ     | SM6AOU     | DJ6OZ      | DJ6KH      |
| WA2MUA     | F8EZE      | SV9COL     | DL2NOM     | DL6XK      |
| WB9EEE     | HB9FMN     | UX7UN      | DL3JSW     | G3YUV      |
| XE1KK      | IT9DAA     | UZ6LWZ     | EA3CCN     | HA8FW      |
| YL3DQ      | IV3VBM     | VE6AX      | G4AFJ      | IK3XJP     |
| YO6HOY     | IZ7EVZ     | W2UB       | HA8DZ      | JA1BWA     |
|            | JA2CXF     | W2YR       | HS1NGR     | JA1TAA     |
| <b>110</b> | K0TPP      | W5VX       | IK5RUN     | JA6VA      |
| 5B4ALJ     | K2ONP      | W6RFL      | IZ5NFD     | JA7BME     |
| DL1VDL     | K4RDU      | W7ACD      | JA1VLK     | JA8RRF     |
| EA5BYP     | K5KA       | W7HPW      | JE6IGP     | K2MK       |
| EI9JF      | KE1F       | W9NIO*     | JG3HBO     | K2XF       |
| EW4M       | KL7RA      | WA3I       | JJ0NCC     | K3MD       |
| F5BAR      | N4BAF      | WA8MOA     | K0DEW      | K7OX       |
| G3LNS      | N9HF       | WD9EQU     | K1PX       | K9RO       |
| HB9AZZ     | NA5C       | <b>107</b> | K3TRM      | KI5T       |
| HB9DHG     | NN4RR      | 4Z5LA      | K3WC       | KQ3F       |
| I2BBJ      | R7LP       | DK3FB      | K4DSE      | KT2E       |
| JA9KRO     | RW4UU      | DL2CHN     | K5AM       | LZ1JZ      |
| JH1VHU     | RX3AGD     | DL5CL      | K5WAF      | N0KV       |
| K0CA       | TG9NX      | DL5XU      | K5ZQ       | N4JI       |
| K1EO       | UB5ZAL     | EA5AT      | K7XB       | N4NW       |
| K1ESE      | W0UY       | EU1KY      | K8JJC      | N4SC       |
| K2RET      | W5WP       | G4AKY      | K9SG       | N4VN       |
| K3JRR      | W9ILY      | I5IHE      | KV4T       | NA3F       |
| K3WGR      | YV3AGT     | IK2CHZ     | N0JZ       | ON7PQ      |
| K4TT       |            | IT9DSZ     | N2CW       | PF7M       |
| K6LPO      | <b>108</b> | JA5EY      | N7NR       | PJ2/K8ND   |
| K6VKO      | AI2Q       | JA8JTH     | N8AID      | PY5CC      |
| K7EG       | AL7R       | JA9AGN     | NI5M       | R6YY       |
| KB8U       | CT1GFK     | JM1FHL     | NY0V       | RA6AF      |
| LA7GIA     | DJ9RR      | K5KPE      | OE5CSP     | RD4WM      |
| N1EN       | ER1LW      | KE2R       | OK1AYU     | S57AL      |
| N3HBX      | G3SVD      |            | OK2BVG     | UA6LCN     |

|            |            |            |        |            |
|------------|------------|------------|--------|------------|
| UR1RWX     | RZ6LB      | KJ7WY      | JA1SJV | W4JVN      |
| UR2RGN     | SM5CCE     | N0RU       | JA2MNB | W5TO       |
| VE3KI      | SM7CQY     | N4LR       | JA2OLJ | W5VQ       |
| VY2ZM      | SO5AS      | N6HC       | JA8EJO | W7IUV      |
| W2GW       | SV3FUP     | N9BBQ      | JR0EQQ | WA0IDK     |
| W4OWY      | UA3O       | N9SF       | JR3OEH | WD8DSB     |
| W6FF       | UA9FGJ     | NE0DX      | K0YN   | WL7E       |
| W8OP       | US5CAO     | NU4Y       | K2CJ   | WS4Y       |
| WQ5W       | UT7EC      | OE3SGU     | K2LP   | YO2IS      |
| YU1NR      | UX4UM      | OH3GD      | K2TK   |            |
|            | UY0MM      | OK1DQT     | K3KG   | <b>101</b> |
| <b>104</b> | W0VHF      | OK2BQU     | K4AQQ  | AA4NU      |
| 9M2AX      | W0YBS      | OK3BRK     | K4LM*  | AB4GE      |
| AB1OC      | W1QA       | OZ7JZ      | K5GO   | AC5O       |
| AD1C       | W3DRY      | R9GM       | K5ZO   | AC9S       |
| AJ4A       | W3TMZ      | RA0FA      | K7BHM  | D44BC      |
| CP8HD      | W4HOG      | RA3CO      | K8BHZ  | DH2FW      |
| CU3EQ      | W5CWQ      | RA4HT      | K8OQL* | DK9WI      |
| DL1QQ      | W6PH       | RU3OW      | K8SL   | DL1KS      |
| DL4FAP     | W7DR       | RW3FR      | KG9Z   | DL3ANK     |
| DL4MM      | W8FIB      | SM3CBR     | KV1J   | DL5JS      |
| EA8ZS      | W8HMK      | SM6EHY     | LA3ANA | DL7JRD     |
| F6AJA      | WA6TLA     | SM7BHH     | LZ2ZG  | DM3ML      |
| F8GB       | WB0O       | SV1LK      | N2BJ   | EA1WX      |
| G3BRD      | YC0LOW     | UA3PFN     | N5RZ   | EI2GLB     |
| G4RGK      | YO5ODE     | US2WU      | N9MB   | ES5RW      |
| HB9CIP     |            | VA2ZO      | N9MR   | EU1TT      |
| HK3O       | <b>103</b> | VA3IC      | NA2U   | G3ZFC      |
| JA0GCI     | AG1I       | VA3LX      | NA5Q   | G4DJJ      |
| JA3OOK     | AI3Q       | VE3MFA     | NA5Z   | GM3WTA     |
| JA7GYP     | AL7TC      | VU2CPL     | OH2EA  | HB9NL      |
| JF1EGO     | DF2PI      | W0UVC      | OK1DTN | HK4SAN     |
| JF6WTY     | DJ1MM      | W1CTN      | OK1JDX | IT9ELD     |
| K0WK       | DJ7PI      | W2TB       | OK3CSQ | IT9RDG     |
| K1BG       | DL2HX      | W3JX       | ON5UE  | IZ8XQC     |
| K2BLA      | DL8YRM     | W4AVY      | PA0TCA | JA1VVX     |
| K3AJ       | DM5TI      | W4MZ       | PY2DO  | JA6TMU     |
| K3PH       | EA7SG      | W4TMR*     | PY5EG  | JE2DZC     |
| K4CMS      | EU6MM      | W5VU       | R3IS   | JH1RFM     |
| K4MF       | EW3LB      | W6SZN      | RK3QY  | JH3HGH     |
| K5JC       | G3BDQ      | W9JJB      | RU3UN  | JH3PRR     |
| K6UM       | G4AAW      | YO7APA     | SM5CBM | JI3KDH     |
| K7TJR      | G4VGO      |            | T77V   | K0LW       |
| KA2BZS     | HB9SLO     | <b>102</b> | UA1CKC | K1KA       |
| KW0A       | IK2ANI     | A6/RV6LNA  | UA6HOF | K1YR       |
| LB7ZG      | JA1TMG     | CT4BD      | UA9MR  | K3SEW      |
| N3ER       | JA2FGL     | DK3QM      | UA9UCO | K5FZ       |
| N4IQ       | JA2GQO     | DL3DXX     | UW7CN  | K6AAW      |
| N4TTE      | JH1DGQ     | DL3NCR     | VE2FYR | K7AR       |
| N6PE       | JM2RUV     | EI4DQ      | VR2MY  | K7IA       |
| N8MZ       | K2UVV      | F6BWO      | W1PV   | K8BN       |
| NN3Q       | K4KEW      | FM5WD      | W2EQ   | K8ROX      |
| NU4I       | K4LQ       | G4PUQ      | W2LE   | K9PG       |
| OZ2ABI     | K5JUC      | HB9AHL     | W2LW   | KG7CW      |
| RA1QX      | K8CCV      | IT9SFT     | W2TX   | KN6J       |
| RU3UR      | K9MUG      | IZ4MJP     | W3EKT  | KQ1F       |
| RZ6DX      | K9XJ       | JA0HXV     | W3MR   | KY6R       |

|        |            |         |        |
|--------|------------|---------|--------|
| LA2GV  | <b>100</b> | LZ3YY   | W4NF   |
| N0OK   | 9A1AD      | MM0SJH  | W4OV   |
| N2AJ   | 9M6YBG     | N0AH    | W7DT   |
| N2WLG  | A41ZZ      | N2CG    | W7IV   |
| N6EE   | AA4AK      | N2RJ    | W8CNL  |
| N8AG   | AB4VV      | N2SQW   | W8GDQ  |
| NA4EA  | AH0U       | N2XQM   | W9OO   |
| NX2X   | DJ6OI      | N3AF    | W9YE   |
| NZ9Z   | DK1WB      | N4CRI   | WB2REM |
| OA4TT  | DL1TPY     | N6PAT   | WB5TUF |
| OE3WQB | DU7ET      | N7TK    | WB7QXU |
| OH3TY  | EA3ALD     | N8IL    | WK4Y*  |
| OK1DO  | EA3CAZ     | N9ADG   | YL2SM  |
| OK1PGF | ES5NC      | NZ9R    | YO9FLD |
| OK2BOB | FM5GU      | OE5JDL  |        |
| OK3EY  | G4CGG      | OK1DXD  |        |
| OK4MM  | G4FJK      | OK2PAZ  |        |
| RA3AH  | GM3ZSP     | ON7GB   |        |
| RA4P   | I2VGW      | ON9CC   |        |
| RA4SD  | IS0/YO3RA  | PA0INA  |        |
| RB7GG  | JA1BRK     | PA7RA   |        |
| RK9F   | JA1CPU     | RA4LW   |        |
| RY6M   | JA4FSH     | RA6XB   |        |
| S55DX  | JA5DQH     | RL3BZ   |        |
| SM2DMU | JA9CGW     | RM3DA   |        |
| SP6JIU | JH1HHC     | RN1A    |        |
| SP9DH  | JH3GCN     | RT5A    |        |
| SV1PL  | JO7KMB     | RU3GF   |        |
| UA0FDX | K1NA       | RW9QA   |        |
| UA3DK  | K1UU       | S53MJ   |        |
| UA4PCM | K2BX       | SM0BYD  |        |
| UG6GAW | K2CBI      | SM5AHK* |        |
| UR7CQ  | K2CYE      | SP8HKT  |        |
| UT1CC  | K3SW       | SV1CNS  |        |
| UT4IS  | K3TZV      | SV1VJ   |        |
| VE3XB  | K4FT       | SV8CKM  |        |
| W2SF   | K4KSY      | UA1CGS  |        |
| W3HKK  | K4UQC      | UA4PAY  |        |
| W3WH   | K7VIC      | UN1L    |        |
| W4BUE  | K8BKM      | UN6P    |        |
| W4WT   | K8BZ       | UR3CRO  |        |
| W7CB   | K8CS       | UR4LRG  |        |
| W7JW   | K8LE       | UR8IDX  |        |
| W8GB   | K8OM       | US8UW   |        |
| W8LRO  | K9GL       | UT4EK   |        |
| W8ZR   | K9NZ       | UT7KF   |        |
| W9MAF  | KA4RRU     | UW7LL   |        |
| WB2UFF | KC4D       | V51B    |        |
| WB3D   | KD8BZY     | VE1RGB  |        |
| WB3HLH | KF6HI      | VK4CAG  |        |
| WC6DX  | KJ6P       | VP2VA   |        |
| WR2G   | KM4NS      | VR2PX   |        |
| WS5W   | KN4KL      | W0GYH   |        |
| XE1FAS | KP4N       | W1AN    |        |
| YO6BHN | LA8W       | W3BBO   |        |
| YV4DYJ | LU5OM      | W3KB    |        |
|        | LU5YF      | W4HHN   |        |