

## ARRL DXCC - 80 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 08 Feb 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

|  |   |  |  |  |  |
|--|---|--|--|--|--|
| <b>358</b><br>W4DR                             | W3LPL   | <b>341</b><br>DJ6RX<br>K4ESE   | N0TB<br>W1YY   | JA5AQC<br>OE6IMD<br>UT5UIA   | RA3CQ<br>SP5CJQ  |
| <b>357</b><br>W1NH                             | <b>347</b><br>JA4DND<br>K4DY<br>OZ1LO                                 | K8MFO<br>OH5VT<br>PY2XB  | <b>336</b><br>HA8IE<br>N3XX                                      | W0BV   | <b>328</b><br>G3KMA<br>I5KKW   |
| <b>355</b><br>EA8AK                            | SM4HCM  | SM5CEU<br>SM6GZ<br>W8UVZ<br>WB9Z   | SM3GSK<br>UR0MC<br>UT5UGR  | <b>331</b><br>K0KX<br>K1UO<br>N1RJ<br>N8DX   | I5NPH<br>IK8HJC<br>JF2MBF<br>K3FN  |
| <b>354</b><br>K5UR<br>OH1XX                    | I4AVG<br>JA2VPO<br>JR2KDN<br>K4PI                                     | <b>340</b><br>JR3IIR<br>KG4W<br>N6AR<br>OZ3PZ                            | <b>335</b><br>JA1BK<br>JA2WYN<br>JA8EAT<br>N2TK<br>UA6A          | OK3GU<br>RA7A<br>SP7VC   | N2LT<br>N3SL<br>N4CH<br>R3OK<br>SM5KNV<br>SP8AJK<br>UA3DPM<br>W5EU<br>YO3APJ                     |
| <b>353</b><br>JA1ELY<br>K4MQG<br>OH2BU<br>W9ZR | SM6CVX<br>SP2FAX  | UA4CC<br>W3YX  | W4VQ<br>WA4FFW   | <b>330</b><br>9A7V<br>G4BWP<br>GM3YTS<br>IK4GME<br>K6SSS   | SM5KNV<br>SP8AJK<br>UA3DPM<br>W5EU<br>YO3APJ   |
| <b>352</b><br>N4WW<br>W1JR                     | N0XA<br>N4CC  | <b>339</b><br>JA5AUC<br>K4ZW<br>OH1MA<br>UA3AKO<br>VE3EJ                 | <b>334</b><br>DK5PR<br>F6BKI<br>GM3POI<br>JA8DNV<br>KF2O<br>NR1R | K7ZV<br>OE3GCU<br>SV1FJA<br>VA3DX<br>W2YC<br>W5ZN  | <b>327</b><br>AA1V<br>DL1RWN<br>EU7A<br>K4UTE<br>N2QT<br>RZ3AM<br>S58T<br>SP3E<br>SP7GAQ<br>W3NO |
| <b>351</b><br>K2TQC<br>SP3GEM<br>W1NG          | SM5AQD<br>UA4HBW<br>W7UT  | <b>338</b><br>DF3CB<br>JH1GZE<br>JH4IFF<br>K5RK<br>NN4T<br>R4GM<br>W4QCU | OZ1BTE<br>SP3EPK<br>WD5COV                                       | <b>329</b><br>CT1EEB<br>DJ2YA<br>EA6SX<br>F5NTV<br>G0JHC<br>IK6DLK<br>JA1HGY<br>JA4LKB<br>JA5EXW<br>N8JV<br>OZ1CTK | SM5KNV<br>SP8AJK<br>UA3DPM<br>W5EU<br>YO3APJ   |
| <b>350</b><br>SM0AJU<br>W4ZV                   | <b>343</b><br>SM3EVR  | <b>337</b><br>DJ9KG<br>JA3FYC<br>K3UA                                    | <b>333</b><br>IK4WMA<br>JH4UYB<br>UA3AB                          |  |  |
| <b>349</b><br>HA0DU<br>SP5EWY<br>W4AG          | <b>342</b><br>JA2JPA<br>LZ2DF<br>N1DG<br>PE5T<br>R7LV<br>W1MK<br>W3UR |  | <b>332</b><br>DL4MCF<br>EY8MM<br>I4EWH                           |  | <b>326</b><br>HB9BGV<br>JA6BZA<br>JG3QZN<br>K0SR<br>LA5HE<br>N4XU                                |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| PY2YP      | <b>322</b> | SP6CIK     | K0IEA      | SM4DHF     | W3AP       |
| SL0ZG      | IK1GPG     |            | K1MM       | W1DIG      |            |
| VE7SV      | JA1XEC     | <b>317</b> | K1ST       | W9RN       | <b>304</b> |
|            | K4QL       | DL7MAE     | K9CT       |            | AD5A       |
| <b>325</b> | K8GG       | HL3IUA     | SM6CMU     | <b>308</b> | I4LCK      |
| AA7A       | N0RR       | JR3GWZ     | W5OZI      | DJ5FI      | K3WW       |
| AG9S       | N3NT       | LA5IIA     | W7OM       | EA9IE      | N4AH       |
| GM0GAV     | R7NW       | ON7TK      |            | JH4ADV     | N5AW       |
| HA5WA      | SP9DWT     | S59Z       | <b>312</b> | JJ3PRT     | OK1MP      |
| IK4DRY     | UA3LAR     | UA3AP      | DK5WL      | K5ZK       | ON4IQ      |
| IK5HHA     |            | UT9FJ      | G3TXF      | N4MM       | RA9CMO     |
| JA2QPY     | <b>321</b> | YO9HP      | G3XTT      | N5UR       | SV8BHN     |
| JA3EMU     | E72A       |            | JA5IU      | SM6CCO     | W3GG       |
| K5BG       | EA5BM      | <b>316</b> | K5EJ       | W1TSP      |            |
| N4PQX      | F6BEE      | AA6YQ      | K5KC       | W2RQ       | <b>303</b> |
| OE1WEU     | JA2JW      | DL1DUL     | K9RX       | W4UM       | DK1FW      |
| OH2FT      | K1ZZ       | G4PWA      | RX3AGD     | W7AO       | HA7TM      |
| PA3FQA     | K4XP       | K9FD*      | SP1S       |            | JR1TNE     |
| SP3IBS     | N4XM       | N7RT       | WK3N       | <b>307</b> | K2CL       |
| SP8NR      | NO8D       | SV1RK      |            | EI7BA      | N7FU       |
| W1GL       | UT7UJ      | W6XA       | <b>311</b> | JR4OZR     | NI0G       |
| W8AV       | UY5ZZ      |            | DL2OE      | K0KT       | W2LO       |
| W9RPM      |            | <b>315</b> | IK4CIE     | K3JGJ      | W4DC       |
| YU1FW      | <b>320</b> | AA1QD      | JA0UUA     | K3YA       | WA2VYA     |
|            | G3TJW      | DF3GY      | JA1SYY     | K4SV       | ZS4TX      |
| <b>324</b> | K1AR       | G4CCZ      | K2UO       | NQ1K       |            |
| 9A2EU      | K4SO       | K5DU       | KW9A       | OE6DK      | <b>302</b> |
| IZ0AEG     | N0AT       | K5OVC      | ON4AOI     | R9TO       | DJ4AX      |
| K2RR       | R9FM       | N8PR       | RN3QN      | VE3XN      | JA1KQX     |
| NJ6P       | RU3FM      | OZ1ING     |            | W0VTT      | JF3KON     |
| OH1TX      | SM5BFJ     | PY5HOT     | <b>310</b> | W3LL       | K1FZ       |
| PY2BW      | SP5DIR     | R3VA       | DL5DSM     | WB8ZRL     | K3UL       |
| R7DX       | SV8CS      | RX4HZ      | EI6S       |            | K5KLA      |
| SM3NRY     | UA4LY      | YO5BRZ     | JA1EOD     | <b>306</b> | N4NX       |
| SP6HEQ     | WI8A       |            | JA7MSQ     | DJ8NK      | SM6BGG     |
| UX1UA      |            | <b>314</b> | JJ2LPV     | JA2JNA     | UT2UB      |
| VE1YX      | <b>319</b> | AA4HP      | JO1WKO     | JH3VNC     | W8GC       |
| W4PK       | AA4V       | JA2FBY     | K2RW       | K5EK       |            |
|            | F6AOJ      | JA3PIS     | K2UU       | K8SIX      | <b>301</b> |
| <b>323</b> | I0WDX      | JH2TPI     | K4XO       | WB3AVN     | DF2IS      |
| CT1APE     | JA3CSZ     | K5XI       | K9NW       |            | DJ9VA      |
| EA6NB      | JA5MHD     | K6XT       | K9ZO       | <b>305</b> | DK2JX      |
| HB9BIN     | K2FF       | N5DG       | LA7JO      | F6BLP      | EA1YO      |
| HB9RG      | K4IQJ      | OE5KE      | N8RR       | FK8CP      | EA4KD      |
| JQ3DUE     | K6EID      | SM6CTQ     | VE2TZT     | G0DQS      | I1EIS      |
| KD5M       | N9US       |            |            | JE2URF     | JA2DPC     |
| RV3LO      | R5AJ       | <b>313</b> | <b>309</b> | JF1PUW     | JF8QNF     |
| UA3AGW     | W4DKS      | DF4PL      | IZ5DKJ     | JH2UVL     | K2TE       |
| UA6MF      |            | G3LZQ      | JH2FXK     | K0EU       | K5UO       |
| W0FLS      | <b>318</b> | HB9AMO     | KG7H       | K1DC       | K9NU       |
| WX4G       | K8PT       | IK2YCW     | LZ2JE      | K5AQ       | KE9L       |
|            | N2NL       | JG1ULJ     | N4II       | N1SV       | N4DB       |
|            | OK1AWZ     | JR7VHZ     | N8TR       | N4DW       | OE1ZL      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| OE5NNN     | JA0CRI     | JK1OPL     | OM4EX      | N5KM       | W9AJ       |
| SP9JZU     | K4MWB      | K8FL       | SM0CCM     | NM6V       | <b>280</b> |
| VE3EXY     | K9MM       | K9YY       | SM6DHU     | SP7ITB     | AF9H       |
| <b>300</b> | KX4R       | N5ZM       | <b>288</b> | WB6RSE     | CU2DX      |
| IZ8FFA     | OE2LCM     | NI6T       | 9A2JK      | WP4U       | G5LP       |
| MD0CCE     | ON4IZ      | PY7DJ      | 9A4T       | <b>284</b> | K8EUR      |
| N7US       | W7DO       | SP3CGK     | IZ1LBG     | AD1C       | N6DX       |
| OE8HIK     | YV1DIG     | VA5DX      | JA2FJP     | G4IUF      | <b>279</b> |
| R7AA       | <b>296</b> | VE6WZ      | JA3AAW     | IW1ARB     | I4KDJ      |
| RA0FF      | I1FQH      | W1BR       | JF2UPM     | JA7ZP      | IT9JNR     |
| RK4FD      | JA7QVI     | <b>292</b> | K9KU       | JH1TWT     | JA2AAQ     |
| UA9FAR     | JS2LHI     | K1LD       | KC7V       | K1DT       | JA4DEN     |
| W1CU       | K1DG       | K4ZYU      | KN5O       | K3WC       | JA4FKX     |
| W6YI       | K2SY       | K9EU       | NK1K       | K5RT       | J12KXK     |
| YO7LCB     | LA8PT      | SM3VAC     | R8TX       | K8BCK      | KF0QR      |
| <b>299</b> | N0AV       | SP5GH      | SM5CZQ     | PY5EG      | N8LJ       |
| AC4G       | ON4CD      | UR5EDX     | W1MU       | <b>283</b> | SM5FUG     |
| AI9L       | OZ4O       | W2LK       | W2IRT      | AA1ON      | SP1MGM     |
| F6DAY      | UA3TT      | <b>291</b> | W6XK       | DL5WW      | W1ZK       |
| I0KDF      | <b>295</b> | DL5AN      | W7ZI       | EA1N       | <b>278</b> |
| JA9FPI     | JF7DZA     | EW2A       | W9MU       | JF2XGF     | 4Z5MU      |
| K6ND       | OZ8BZ      | JF7XKY     | WA7NB      | K0CS       | CX6VM      |
| K8ZTT      | SP6CDK     | JN7FAH     | <b>287</b> | K1HTV      | DL4CF      |
| KC9ARR     | W0YG       | K4HGX      | F2JD       | KM1D       | EA2IA      |
| KZ4V       | WA5VGI     | K5MC       | JA3AZD     | NE1B       | HB9DDZ     |
| N6JV       | <b>294</b> | N9AU       | JA6BZI     | RU3QR      | I6FLD      |
| OZ1AXG     | DK5AD      | PY5EW      | JH4JNG     | RW4NN      | JA8ISU     |
| RA3QK      | IK4DRR     | RW7M       | LA7AFA     | SM6BZV     | K7SO       |
| WA1JMP     | IV3JVJ     | VE1DX      | N8DJX      | W0FS       | MM0EAX     |
| WA2HZO     | JA0EOK     | W9OP       | N9EN       | <b>282</b> | RW3RN      |
| YU3AA      | JA2EPW     | W9XY       | OE8RT      | CT1IUA     | US0KW      |
| <b>298</b> | JA9LJS     | WT8C       | SP7HOV     | DK3DG      | W1UK       |
| HB9BZA     | JA9PPC     | <b>290</b> | WA2UUK     | DL9TJ      | <b>277</b> |
| JR6PGB     | JO7WXN     | AJ1H       | WS6X       | EA5RM      | AB4IQ      |
| K2VV       | K4CN       | JA2IVK     | <b>286</b> | G3WPH      | AJ6T       |
| K4HB       | LA2XPA     | JA4MRL     | A45XR      | G4WFO      | DL6KR      |
| N2TN       | LA3MHA     | JH0INP     | AA9A       | K8YSE      | EA3JL      |
| N5TY       | LY1G       | JH1IFS     | I3BUI      | LA9AJA     | G4GIR      |
| R5DT       | N4QS       | SM2OAN     | IK0XBX     | NN4X       | JA3FGJ     |
| SM3NXS     | OE5FIN     | WA3C       | JA0GJJ     | UW2ZM      | JE1PNX     |
| SM4DDE     | OH2BLD     | <b>289</b> | K2SHZ      | W1ECT      | K6YRA      |
| W1RM       | R6AF       | 9A4W       | RA1QD      | <b>281</b> | K9US       |
| W9IXX      | <b>293</b> | CT4NH      | RU6L       | DK2NG      | KA9CFD     |
| <b>297</b> | AA6AA      | JA2XYO     | W0MHK      | EA6ET      | LU2NI      |
| AB6QM      | AB3CV      | JA4DLP     | W1YM       | K1OA       | NV9L       |
| DJ9HX      | AD5Q       | K0XN       | W4FC       | K3PA       | <b>276</b> |
| DK2GZ      | G4OBK      | KV7K       | YS1RR      | K4NA       | HA9PP      |
| EA3GP      | IV3YYK     | N1AC       | <b>285</b> | ON4ATW     | K8WK       |
| F6EXV      | JA2ZL      | N8BM       | EA6VQ      | W7BEM      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| OE2BZL     | JA6LCJ     | K1FK       | K8GI       | IK2QPR     | K3JT       |
| ON4GG      | K5XX       | K4JLD      | NA5C       | K2TK       | KE9ET      |
| VE3LYC     | K9MK       | K8BN       | WF4U       | K5WK       | YO2DFA     |
| W5TCX      | N9UA       | LB8DC      | WO2N       | K7NN       |            |
| <b>275</b> | VE3BW      | W4YV       |            | K9IR       | <b>252</b> |
| JE7RJS     | VK3QI      | WB4TDH     | <b>261</b> | N7GR       | 4O3A       |
| K0JUH      |            |            | G0OIL      | NA2M       | DL8OH      |
| K3MSB      | <b>270</b> | <b>266</b> | JH7IAJ     | W0GJ       | EV1R       |
| N1RR       | HK3W       | EA3WD      | K2NV       |            | JA5XAE     |
| N5FG       | IZ8XQC     | JA0DIN     | K8VC       | <b>256</b> | JA7MA      |
| ON4ACG     | JA2THS     | JA4IYL     | K9XD       | AC6HY      | JF1WPB     |
| SM4CTT     | JA4FHE     | JL1ARF     | W5XC       | G3VKW      | JF6DSZ     |
| W1KSZ      | JD1AMA     | KD0Q       | W7MO       | HB9CXZ     | K3ND       |
| W5AJ       | JF1UVJ     | N5OK       | W8HW       | N5GH       | K4FJ       |
|            | K0DEQ      | ND0N       | WE9R       | W2FCR      | K7LJ       |
| <b>274</b> | K1NTR      | SP8FNA     |            | W5ZG       | N5UL       |
| CT1BH      | K5FUV      | UN9L       | <b>260</b> | WO7R       | N9BX       |
| I1JQJ      | K5PC       |            | JA2KVD     |            | NU8Z       |
| JE1SYN     | N3KV       | <b>265</b> | JF3LOP     | <b>255</b> | RU1AO      |
| JE7ETY     | W6SR       | AJ3K       | N7NG       | EW4M       | W1YIF      |
| K1NU       | WB9CIF     | JE8BKW     | W5LT       | IK0HBN     | W5CIA      |
| N6ET       |            | JH1NYM     |            | JA9NFO     | W6NWS      |
| W3DRY      | <b>269</b> | K0TT       | <b>259</b> | JA9TWN     | WA8WV      |
| W8TE       | IV3GOW     | K4TT       | EI6FR      | JP1IOF     | ZS1LS      |
|            | JA2BDR     | N7XR       | IZ8VYU     | LA3WAA     |            |
| <b>273</b> | JA4PXC     | SM0NJO     | JH1ORA     | RD3AW      | <b>251</b> |
| AA5AM      | K6SIK      | W9YSX      | JH9AUB     | UN7LZ      | G0EHO      |
| DM5EE      | LA7HJA     |            | K1BD       | W4WM       | JA7JWF     |
| HB9LCW     | NX0I       | <b>264</b> | K1GG       | W6RW       | PY2RO      |
| IK6GPZ     | VE3FF      | EA5BY      | K2LS       | W8OI       | SM4EMO     |
| JA1HQT     | W2SM       | KD6WW      | K7BG       |            | SV1JG      |
| JA1SJV     | <b>268</b> | N7KA       | LA5LJA     | <b>254</b> | W3GQ       |
| K4JJW      | AG4W       | SP1JRF     | N2TU       | CT1GFK     | W7KW       |
| RN3CT      | DL5ZB      | WX0V       | SM4AZQ     | DJ5JH      |            |
| SV1DPI     | DL6ZXG     | <b>263</b> | SM6CUK     | EA5AT      | <b>250</b> |
| SV2AEL     | EU1KY      | CT1FMX     | UN7JX      | JA5BLB     | JA1MRM     |
| UN6T       | HB9HFN     | JR3OEH     | W8UV       | K3SV       | JA6BJV     |
| W6TMD      | IK7JTF     | K7EG       | <b>258</b> | K8TL       | K1HT       |
| W7WM       | JA9NLE     | KP2A       | AB9V       | N3QE       | K5JZ       |
| WD5K       | JJ4POR     | N4QQ       | DM2DXA     | N8OC       | K6FG       |
|            | JL1UXH     | NY0V       | K2AZ       | VE7AHA     | RN9N       |
| <b>272</b> | K4SE       | RM0F       | K3LR       | W7LR       |            |
| AH7C       | K8NVR      | SK3PY      | K5GKC      | WD8PKF     | <b>249</b> |
| HB9DDO     | KB0EO      | SK7AX      | KR4F       |            | AA4R       |
| JA1ANR     | N7RO       | UT7UV      | R9SA       | <b>253</b> | DF2RG      |
| K7XB       | W4OX       | W6RLL      | W4FQT      | CT3MD      | DL4SZB     |
| W1TYQ      | WB5JID     | W6UC       | W6VX       | DF2GH      | IK5DNF     |
| WN6W       |            | ZS6EZ      | W8LGJ      | DJ4XA      | IZ8FWN     |
| WS9V       | <b>267</b> |            |            | DL5CW      | K0BJ       |
|            | DL7BA      | <b>262</b> | <b>257</b> | JA1FQI     | K4XI       |
| <b>271</b> | F4BKV      | JA3ENN     | E72U       | JJ3HGJ     | K6AM       |
| DJ5AV      | JE2LUN     | K3KY       | I2TZK      | K1LPS      | KB8VAO     |
|            |            |            |            | K1LT       | KF8UN      |

|            |            |            |            |            |            |
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| LB2TB      | PY4OY      | <b>241</b> | BH4QYX     | SV1ACK     | W5ODD      |
| N1EN       | RU6M       | CU2AP      | JA9AGN     | W7ZJ       | YL2KF      |
| N9FN       | SM4BNZ     | G3KWK      | JE2OVG     |            | ZL2IFB     |
| RD3A       | W2KKZ      | G3VPW      | K1RO       | <b>233</b> |            |
| WA9CVK     | W2WG       | JA0DWW     | K8FH       | J18DGO     | <b>229</b> |
|            | WA9PIE     | JA2VQF     | KG6I       | JJ1DWT     | JA1XAF     |
| <b>248</b> |            | K9OT       | N1ZZ       | JR2LJO     | JE1BMJ     |
| AA4MM      | <b>244</b> | LB6KC      | N5XZ       | K2UR       | JH8GYP     |
| DK3WW      | DF3UB      | W4BP       | OE3EVA     | K4WA       | K7BV*      |
| DK8MCT     | EI9FBB     | WB9EEE     | PA3EWP     | KQ3F       | K7WP       |
| F6GCP      | JN1RQV     |            | W4ABW      | KT1V       | KB1EFS     |
| HB9DHK     | K4XD       | <b>240</b> | W7CT       | LA5YJ      | KT8X       |
| IZ3ENH     | K6KO       | AF4HX      |            | N8BJQ      | N7QT       |
| NE8P       | K6SRZ      | F5LVL      | <b>236</b> | RA3SS      | OE6CLD     |
| W1VT       | SV3DCX     | F5PAC      | DL1AP      |            | WB8B       |
| W9OO       |            | I0JBL      | EC3A       | <b>232</b> |            |
|            | <b>243</b> | IK4PLW     | IZ0RVI     | DL1DUO     | <b>228</b> |
| <b>247</b> | 9A1AD      | JA1IZZ     | JA7QFU     | F3SG       | DL6UAA     |
| AA1AC      | I2EOW      | JE7JDL     | JR1BAS     | KD3CQ      | EA1DLU     |
| F5CQ       | JA1GTF     | K5TA       | K1ESE      | KI5BLU     | EA8BYR     |
| IK8EPC     | JH0BQX     | NS6C       | SM3CBR     | LA0FA      | I5HOR      |
| JA1RTX     | JS3CTQ     | ON4ON      | SM5CAK     | LA9VFA     | IZ8GGF     |
| JA1WSK     | K0BBC      | VE3VHB     | W1ZT       | NX7K       | K2KA       |
| JA3APL     | K0VSH      | W2JU       | WE0Q       | RL3FA      | N3RC       |
| JA8RJE     | K9JF       | W2XI       |            | S54A       | OZ7OP      |
| JE1LFX     | K9MBQ      | W8TN       | <b>235</b> | SM7IUN     | W0CP       |
| K9OW       | KK4CB      | WA3AFS     | DO4DXA     | W0LS       | W4HG       |
| RA5BM      | LA2QM      |            | GM3YOR     |            |            |
| W8HC       | N4GN       | <b>239</b> | JA7LMZ     | <b>231</b> | <b>227</b> |
| WA6F       | N5LZ       | G3KMQ      | JH4HMG     | 9H1SP      | F6FXU      |
|            | N5TW       | JA9FAI     | JH7RXU     | JE2DZC     | HL2WA      |
| <b>246</b> | W0DJC      | JN1BMX     | JL1RUC     | K1ZE       | IK4FNF     |
| E73Y       | W7SX       | K5ZD       | K7PI       | K3VAT      | JA2CXF     |
| GM3PPE     | W8DCH      | N3MN       | K9FN       | K4PB       | JF1IRW     |
| IK3SWB     | WO2T       | PY2KP      | K9YC       | N4RWG      | JH2SON     |
| IW0SAF     |            | SM5OJH     | KQ8M       | W1TO       | K3SEW      |
| JA3GN      | <b>242</b> | UX5UO      | LU3CQ      | W6TC       | K4JAF      |
| JA3MNP     | EA3GHQ     | W5FI       | N5MOA      | W8WEJ      | K4RO       |
| JA7MOL     | IZ8DFO     |            | N5ORT      |            | K5PS       |
| JG0CQK     | JM1FHL     | <b>238</b> | NE0U       | <b>230</b> | K5TT       |
| N4TJ       | K1LI       | G0BLB      | SM7HCW     | IK0AGU     | K6KLY      |
| N6UC       | K2PK       | JE3ENP     | W0TT       | JA6VQA     | N4PY       |
| OH2IS      | NO2R       | K2SX       | W7/DL1UF   | JG1WSC     | N7IR       |
| UR3EO      | NW7E       | K4EM       | W8KEN      | J11DHY     | OZ1LCG     |
| WX0B       | PY2SP      | K7SP       | WB8BPU     | K0KVR      | RN8W       |
|            | PY2XU      | K8ROX      |            | K1EFI      | SP8HKT     |
| <b>245</b> | SP5IWA     | KB1JZU     | <b>234</b> | K4XR       | VE3CRG     |
| DL1DA      | SP6A       | N9RS       | HB0CC      | KS1J       | W1SKU      |
| DL5EBE     | TF3SG      | VE7DX      | HB9BUN     | N1IBM      | W3JX       |
| JA9APS     | W1YW       | WA2NPD     | IZ5MOQ     | N5JB       | XE2X       |
| K0II       | W5ADD      |            | JH3CUL     | N9RD       |            |
| K3RA       |            | <b>237</b> | K1USA      | OH1ZK      | <b>226</b> |
| PC3T       |            | AA7G       | N5ZC       | VE7JO      | AE5E       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| DJ9ON      | K9RT       | N4EFS      | SM3LGO     | <b>212</b> | JA7LGE     |
| EA3CJ      | N6HC       | UN7TW      | UT3UZ      | CT1FCX     | JG4AKL     |
| EA7TV      | N8PW       | W7YAQ      | W0DD       | DL1HRN     | JT1CO      |
| JA4ITW     | SM5CBM     | W8RLS      | W0RX       | JR3HZW     | K8KS       |
| K2EK       | UR5FEO     | <b>219</b> | W0SZ       | JR5JAQ     | K8RRT      |
| K4ZIN      | W0HBH      | JA2TBS     | W5VQ       | K4EA       | KJ6NZ      |
| NE3F       | W5VX       | K6EME      | <b>215</b> | K4ZO       | N3KS       |
| PY2NQ      | W6SL       | K6FW       | 5B4AHJ     | K7VV       | N4XP       |
| VK3HJ      | XE1VIC     | KE9I       | DJ9RR      | K7WJB      | RU1AB      |
| W2GG       | <b>222</b> | KI0KB      | DL1SMA     | N2WLG      | UA3ECJ     |
| <b>225</b> | DL6JZ      | N2DPF      | HB9CEX     | NN4SS      | W3OOU      |
| EA1AF      | DL6MRS     | NA5DX      | K1GE       | RD3BD      | W4ZX       |
| I8JIT      | EA5RU      | SP6M       | K7ZA       | SV1GRE     | W5SL       |
| JA2FBC     | HB9AAQ     | <b>218</b> | KA8SYV     | <b>211</b> | W7NN       |
| JA6BEE     | HB9SLO     | CT3HF      | KD0PO      | CT3DL      | WB8ZRV     |
| JA8DRK     | IK0PEA     | HB9TKS     | KF6HI      | JH4CPC     | WL7E       |
| JH1QAX     | IZ8IEV     | IZ2EWR     | KX2A       | K0LUZ      | WW2DX      |
| JH4PMV     | JA5FBZ     | JA2AHH     | LA7WCA     | N2LM       | ZL2AL      |
| K0SD       | JH1OBS     | K1XM       | N1GC       | PA7TWO     | <b>208</b> |
| K9MMS      | JK1EXO     | K4MS       | N2WB       | RX4HW      | CT1EAV     |
| KU0A       | JR6FC      | KS3F       | N7UN       | SM5AOG     | EA1RT      |
| N2JJ       | K4WM       | S55DX      | PA0ZH      | W1AO       | EA8AXT     |
| N8KOL      | N2BJ       | W5FKX      | PY2MC      | W1WC       | GW3SFC     |
| OZ2RH      | N6MZ       | WB8CQV     | W9ILY      | W6SZN      | JA0DET     |
| RU3A       | OE8SPW     | YL2TW      | WC4X       | W8MET      | JA1NWD     |
| UA0BA      | ON4CAS     | <b>217</b> | <b>214</b> | W9EWZ      | JA5WIZ     |
| W6BJH      | W3BW       | DS1JFY     | E70T       | WW3S       | JA6WJL     |
| <b>224</b> | <b>221</b> | JA1GRM     | IK2ANI     | <b>210</b> | JH6JMN     |
| AI2Q       | A65BR      | JA2NDQ     | JA1OND     | AA8OY      | K7ZD       |
| DS5RNM     | AA5AU      | JA3LDH     | K9NR       | BH4IGO     | K9ZM       |
| JA8EKU     | CT1FPQ     | JA5JUG     | RU0SN      | DJ5DT      | N4TL       |
| JH1HHC     | G4XRV      | JE2EHP     | W2AY       | HB9IQB     | RQ3A       |
| JH8RZJ     | JA2HYD     | JR2UBS     | WB8K       | IZ5JMZ     | UA3FF      |
| K5OT       | JA5BEN     | K6DT       | YB0COU     | K7ORK      | UW7UA      |
| K5VIP      | JR6LLN     | OH6NIO     | YO3CD      | K9TF       | W2OO       |
| K8JJC      | KF7PG      | ON6AA      | <b>213</b> | KB2FCV     | XE1KK      |
| RM3DA      | N0KV       | W0AWL      | DK3UA      | KG9Z       | YB5QZ      |
| VE3CFK     | N4TV       | W1RR       | DK7YY      | KJ9C       | <b>207</b> |
| W1LW       | OE1AZS     | W6AUG      | DL1SDH     | KT2E       | AA5AT      |
| W8CZN      | PA3CSR     | W6RKC      | EA7SG      | N2NS       | HB9BAT     |
| WA4LOX     | PE1L       | W7HPW      | EW1BA      | N9JV       | IV3TDM     |
| WB7B       | W0VX       | <b>216</b> | JA7KY      | W4WT       | IV3VBM     |
| <b>223</b> | WB3JFS     | AB5C       | K3OX       | W9JJB      | JA0AOO     |
| EI9JF      | <b>220</b> | IV3DXW     | K5WAF      | WA5POK     | JK1GOK     |
| EU1U       | HS1NGR     | JK3BLD     | N4HB       | WB5XX      | K1KA       |
| JA7BWT     | JA1PTJ     | K8QM       | N8II       | <b>209</b> | K1KO       |
| JH1BNC     | JE2LPC     | N4ONI      | NR4M       | AC4TO      | K4JPD      |
| JH4ALY     | JR7WFC     | N7TY       | SP7CVW     | AE0P       | K4RG       |
| K3ANS      | K1YR       | SM0BYD     | VE7SZ      | DL1TRK     | K4YYL      |
| K7LV       | K6RO       |            | W4VIC      | DM1TT      | K5VWW      |
|            |            |            |            |            | K7UT       |

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|------------|------------|------------|------------|------------|------------|
| KA7T       | <b>203</b> | N3OC       | NG0T       | M0CSD      | K9OR       |
| LA2PA      | DJ3GW      | N4MHQ      | PZ5RA      | N1PM       | KF0LA      |
| N1QY       | HA7UW      | N9ISN      | R9MJ       | VK3NX      | N8NN       |
| N5BO       | IK4HPU     | R3IS       | VU2CPL     | W5CWQ      | NX1L       |
| RU9UC      | JA3MHA     | W2CG       | WB1S       | W6ENZ      | VE3YF      |
| WS5W       | JE6TSP     | W2OIB      |            | YT2AA      | W1EQ       |
| YO2RR      | K2AX       | W5GZ       | <b>196</b> |            | W1OPD      |
|            | K3FRK      | W5VY       | G3SVD      | <b>193</b> | W4UCK      |
| <b>206</b> | K3GT       | W8WRP      | JA1VLK     | IK0LNN     | WC1M       |
| AB0CT      | K3OSX      | WA4CEM     | K2BA       | JH7BKN     | ZS6WB      |
| JA1FNO     | K3XA       | WZ8P       | K4CM       | JR4LNG     |            |
| JG3LGD     | N6HY       | XE1H       | K5FNQ      | K1BZ       | <b>190</b> |
| K6NR       | SV9COL     |            | K8BL       | K6UM       | 9K2OD      |
| KA1J       | VE6LB      | <b>199</b> | KQ4AV      | K9GA       | EW3CW      |
| LB5WB      | VE7UF      | EI2GLB     | NA2AA      | LA6OP      | JA2KSP     |
| W1NA       | VK3BDX     | I4MKN      | PY1OL      | N1JP       | JJ1SKG     |
| W2QO       | W8KA       | IK5RUN     | UT7KF      | N5UW       | JR1MLU     |
| W7AL       |            | JG8FWH     | W2FV       | ND5S       | K4MZ       |
| W9YE       | <b>202</b> | K2XF       | W2YE       | PA0JSE     | KQ4EE      |
|            | IK0HFO     | KJ6P       | W7AH       | SM4CTI     | KU4BP      |
| <b>205</b> | JA8BNP     | ON5UE      | ZL4AS      | SM7BHH     | N6GP       |
| JA2ATE     | K2FW       | SM4BZH     | ZS1A       | SP5ES      | N9SF       |
| JA2XCR     | K6TAR      | UA0SC      |            | W5WP       | OZ8SW      |
| JA8EJO     | K6YUI      | W2GW       | <b>195</b> | WA1S       | SP3EPG     |
| K1KI       | KL0S       |            | A92BE      | YL3DQ      | UA0FO      |
| K1UU       | N0RN       | <b>198</b> | AA8LL      |            | W7SLB      |
| K2MYR      | PY5CC      | DF7EE      | AC6T       | <b>192</b> |            |
| K5QX       | SM3PZG     | K0DEW      | DS5TOS     | AE6Y       | <b>189</b> |
| K6ZZ       | W5BPT      | K5GH       | F5PBM      | DL9FCY     | AA4NC      |
| KA8ZPE     | WD9DZV     | NA4EA      | HB9DOT     | I2YWR      | CT3KN      |
| KU4XO      |            | SP1DSZ     | HK4SAN     | IK5ZUK     | JA1DM      |
| OE3SGU     | <b>201</b> | UA3O       | IZ2FOS     | JA2IYJ     | K1ZN       |
| RT0F       | F6ECI      | W2PS       | K4MF       | JE8TGI     | K2QMF      |
| W1SSN      | JA1LSP     | W3OA       | K4OY       | K1IT       | K8TVD      |
| W5DAW      | JE1CTA     | W6KK       | KA1ERL     | K6PJ       | K9GWH      |
| WA0I       | JR7FRW     | W9PZT      | KX4TT      | K8UT       | NI5F       |
|            | K1JIU      | WD4LBR     | N1NY       | N7BT       | OH3OJ      |
| <b>204</b> | K8YTO      |            | N8SNM      | SV2DGH     | PA5TT      |
| AI6Z       | NN4R       | <b>197</b> | NA2P       | W4GIW      | PY2VA      |
| HB9CQK     | TI5KD      | AC9EM      | OH1JP      | W4RFZ      | RA3QUA     |
| JA0NZR     | W4MAY      | JA3CMD     | SM5CLE     | W5ZO       | SM2DMU     |
| JA8JO      | W6AEA      | JA8XQI     | SM5ENX     | WA4BIM     | W0YK       |
| JH4FEB     |            | K4CMS      | SP6JIU     | WE1P       | W2LE       |
| JI4WAO     | <b>200</b> | K6UT       | TI5RLI     | YO3DDZ     | W5KFT      |
| K1CA       | HK1MW      | K7UR       | W4RDX      |            | WT3Q       |
| K1NJ       | JA4XH      | KD6UO      | W8FIB      | <b>191</b> |            |
| LA6UL      | JA7JI      | KM4H       | WB4YDL     | AD6W       | <b>188</b> |
| N4LR       | JE2RDO     | KZ0X       | YO9FNP     | IK5MDF     | 7K1PTT     |
| OH8NW      | JH0RVY     | LU8EKC     |            | JA1PMN     | IK5CBE     |
| SV1VS      | K0KG       | N0AH       | <b>194</b> | JH6PFY     | JA1SKE     |
| W3RJW      | K7ZBV      | N1RK       | JH4ADK     | K0GY       | JA2FGL     |
|            | K8ZH       | N7HN       | JI1NJC     | K1TO       | JH1APK     |
|            | K9ALP      | NA9RB      | JR7XOD     | K7FL       | JH4GJR     |

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| JN1GTG     | EW1P       | <b>182</b> | JA8UIV     | <b>176</b> | TZ4AM      |
| K0TV       | HI3T       | 4Z4DX      | JE2HCJ     | CU2CE      | W2KA       |
| K5FZ       | IK4AUY     | EA1JO      | JF1RYU     | HB9EFK     | WA4JQS     |
| K7WE       | JA1FJJ     | F6DBX      | JG3SKK     | K1RI       | WB2WPM     |
| KA4RRU     | JR4VMS     | I5OYY      | JH1RFM     | K4VIG      |            |
| N0RB       | K1RV       | K0MD       | K7ACZ      | K5CD       | <b>173</b> |
| SV1FKZ     | K4KGG      | K7UA       | KA6BIM     | KB4MRX     | DS4AOW     |
| W4GE       | K8RYU      | KE1F       | KD8RQE     | LA9GX      | IK2SGB     |
| W7IV       | KK1W       | NA5Q       | KR2Q       | PY2WC      | JM2RUV     |
| ZP5JCY     | N7WS       | ND3F       | N7TR       | VE7VV      | K4AV       |
|            | NA2X       | NW6S       | OZ7FOC     | VU2NKS     | KI4GE      |
| <b>187</b> | W5QM       | NY2NY      | W2WC       | W3FI       | KK4OK      |
| CT1BWU     | W6RS       | W1PX       | W5GAI      | W3TN       | KZ1W       |
| DH0GSU     | W8HB       | W5DNT      | W8OP       | W9DX       | N5WA       |
| EA2AFV     |            | W9FI       | WE4S       | WA1FCN     | N6PSE      |
| IT9BLB     | <b>184</b> | WP3R       | YO4DW      | WA1PMA     | N6ZN       |
| JA2VMU     | AK1L       | WV4TN      | ZL1BYZ     | ZL4TT      | NJ3K       |
| K3PP       | EA4CQT     | ZS2DL      |            |            | SM6CLU     |
| K4WZ       | HB9DHG     |            | <b>178</b> | <b>175</b> | W3BJ       |
| K8DV       | IZ5RVG     | <b>181</b> | DS3HWS     | JA1IOA     | WA4DOU     |
| OM7CA      | JA1OVD     | AA4DO      | I0MWI      | JA1JAT     | WF4G       |
| VE6SV      | JA6CBG     | DL6CNG     | IV3TMV     | JA8LRG     |            |
| W2/CT1GIF  | JA6TMU     | EI2JD      | KM6HB      | JH1AGU     | <b>172</b> |
| W8GNM      | K3GGN      | JA9CWJ     | N0AMI      | JH1DGQ     | E21EIC     |
|            | K5KG       | JE8CLT     | OE2SCM     | K0EOO      | JL3JTD     |
| <b>186</b> | K8NK       | JH1ROJ     | RW4CY      | K4BYN      | K2HAT      |
| G3NDC      | KI4DLS     | JK1BSM     | VE6AX      | K4JC       | K4WNW      |
| IT9GSF     | N2RJ       | KE4UW      | W6DR       | KJ7M       | K9SG       |
| JH2AYB     | SM5FWW     | SV1IW      | WA5IPS     | KW4MM      | KY6R       |
| JH4CBM     | W1UE       | W0GG       | WF2S       | N6PAT      | N0OK       |
| JR1BLX     |            | W7HR       |            | N6RV       | N4JT       |
| JR3UIC     | <b>183</b> | WD0DAN     | <b>177</b> | NY3C       | N4OA       |
| JR7MAZ     | DJ5IO      |            | AA6RR      | OH7TV      | N5ET       |
| KD2T       | DL1KUR     | <b>180</b> | CT1ESO     | SM5CZK     | N6NU       |
| NE0DX      | EA3GHZ     | EC1A       | HB9RYZ     | SM7NDX     | N6RK       |
| OZ8RO      | EA8RR      | I0OSI      | I8LWL      | VK2DX      | S57AT      |
| SM3PHM     | F3AT       | IZ4DPV     | IK0EFR     | W7CD       | W1NT       |
| SM7GIB     | GU4YOX     | JA4VUQ     | IK8YTA     | WA0RVK     | W2NO       |
| SV1FJP     | HB9BXE     | JA6GIJ     | JA1DOT     | WT4Q       | W3MF       |
| W11TU      | HL3GOB     | JA7IC      | JA4DHN     | ZL3JT      | W4DAO      |
| W3MR       | IK5PWN     | K0LU       | JE8LWZ     |            | W4WJ       |
| W4SK       | JA1DOF     | K2CBI      | JR6GIM     | <b>174</b> |            |
| W5PF       | JA8NFV     | K3EA       | K0GD       | EA8AKN     | <b>171</b> |
| W8JRK      | JQ6RUP     | SV1BYI     | K5UZ       | IW1QN      | AB2E       |
| WA7TZY     | K8AJS      | SV2DCD     | KA2CYN     | IZ5BAM     | DL7JRD     |
| WB2AA      | NA2U       | W5WQN      | LA8HGA     | JA7SFD     | G3UAS      |
| XE1J       | ON6YH      | WK7E       | NT2A       | JM1BPP     | IU0LFQ     |
|            | R0FA       | XE2CQ      | RA9SC      | K3XO       | JA1QIW     |
| <b>185</b> | R9JX       |            | VE3OI      | K9HQM      | JH1IED     |
| AD7L       | W3ABT      | <b>179</b> | W8LMG      | N3ND       | JH1WJR     |
| DK4TP      | W6JTI      | DL2CHN     | WD9Q       | PA2TMS     | JK1UVP     |
| DL8PG      | W8IQ       | IW3GJF     | WQ7B       | SV3KH      | K9RR       |
| EA1KK      | WA4TII     | IZ2AMW     | WY1G       | SV9AHZ     | KU2A       |

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|------------|------------|------------|------------|------------|------------|
| N4UOZ      | SP5MXZ     | <b>164</b> | K1DJ       | KI4WCQ     | WO3Z       |
| N6UK       | W7WZ       | 4X6ZK      | K2AT       | KW4V       | WS1L       |
| SP5JXK     | WA4AFE     | DJ1TO      | K4JKB      | LA5SJA     |            |
| W1OP       |            | DL1QQ      | K4MM       | N2BT       | <b>157</b> |
| W4CCS      | <b>167</b> | DL5XL      | K5RJ       | N3RR       | AH0U       |
| W4NJ       | AA7XT      | EW1KP      | KT2C       | N3XM       | G4AFJ      |
| W5JMW      | CU3EQ      | HA5BSW     | LU2AH      | ND6G       | JA0KJD     |
| W9BEA      | DL6LIM     | HA5WG      | N9OY       | TA1CM      | JA2EJI     |
|            | I0KRP      | IV3BKH     | OE3KLU     | W0KCJ      | JR4VEV     |
| <b>170</b> | JA5BGA     | JA0LFV     | W2OR       | W6CUA      | K2CDJ      |
| EA2AA      | JA5NPV     | JE3CYW     | W6WA       | WW4LL      | K4XU       |
| JA3MF      | JA9CG      | JF1LZQ     | W8PC       | YO4AUL     | K7LFY      |
| JA3RQ      | JH1APZ     | JH1RGG     | WA5LFD     |            | K8WVA      |
| JA6SRB     | JL2JVX     | JH2HFD     | WW1N       | <b>159</b> | N0VVV      |
| JE1PHH     | KQ1F       | K0TPP      | XE1MEX     | 9M6YBG     | N2ZZ       |
| K1JD       | LU2CC      | K7JH       | YB1UUN     | DL1MEV     | NK0S       |
| KD1F       | N3NR       | K9UQN      |            | F5NBX      | UA4PK      |
| KE1VT      | N4AL       | KA9OKH     | <b>161</b> | HB9DDM     | W4PV       |
| KH2L       | R5QA       | KK4OW      | AJ4A       | IK8UHA     | W5PJR      |
| N7KO       | RA3LAL     | LU2DSL     | E74A       | JH1IAQ     | W7RN       |
| NO9E       | RL3AA      | N8PCN      | JA1BPA     | K2RU       | W8BBQ      |
| OZ1IKY     | WA8CDU     | OE2GEN     | JA1SDV     | K2TA       | ZP5ALI     |
| PY2DS      | WA8MCD     | PA0TCA     | JH0NOS     | K5RA       | ZS2EZ      |
| W4HZ       |            | RA3BL      | K3MD       | LZ2JF      |            |
| W5JAY      | <b>166</b> | SM6WET     | K3WGR      | N6MA       | <b>156</b> |
| WB6JXJ     | DL3KZA     | VE1OP      | K4HMB      | NA6O       | CT1DKS     |
|            | G3WW       | VR2MY      | K8CC       | SP6AXW     | DK0EE      |
| <b>169</b> | HB9DVZ     | W1JA       | KC6X       | W1YRC      | JA1QGC     |
| G3WGN      | I2DMI      | W3HKK      | N3HBX      | W6DX       | JA3BXF     |
| K2RET      | IZ4DIW     |            | N6IE       | W7VY       | JA5BZL     |
| K3PU       | JA4KDT     | <b>163</b> | N6TR       | W8IW       | JH3FHQ     |
| K8OM       | JA7BEW     | AA4FU      | N8NA       |            | K0DD       |
| KT1J       | K8ME       | FG5FR      | NA5Z       | <b>158</b> | K6XN       |
| N0ABA      | KN6KI      | IW0BYL     | SM0DSF     | BA7IO      | N4IQ       |
| N6PM       | KR0P       | JA8FFM     | SM5ARL     | DL4NBE     | N4TOL      |
| NF1G       | W3BNN      | JJ2EMF     | W1LY       | DL5KUA     | SP5ELW     |
| ON4ANN     | WB7QXU     | KG8CW      | W4KA       | DL9DRA     | W2FK       |
| UN3GX      | WC4B       | NC4RB      | W5VU       | E70A       | W3FOX      |
| W7MEM      | YO2CMI     | NY4G       | W6YOO      | HI8R       | W7CA       |
|            |            | OZ5NJ      | W8CD       | IT9AAI     | WB2AQC     |
| <b>168</b> | <b>165</b> | VK6LC      | W8HMK      | JA1SHE     | WB8BZK     |
| DL2NOM     | AA3LX      | W5GA       | XE1RBV     | JA2ITK     | WM0X       |
| EA5OX      | FG8OJ      | WA2UKA     |            | JN7DOS     | ZL3RJ      |
| I8DVJ      | JF3PNQ     | WA8JBG     | <b>160</b> | K4YJ       |            |
| IT9CVO     | K5CR       | YO3AIS     | AB4UF      | LA2GH      | <b>155</b> |
| JA2FSM     | LX1KC      |            | DL7UPN     | N4DWK      | 5T5PA      |
| JE2UFF     | N2GZ       | <b>162</b> | DM2RM      | N4QM       | 9A1A       |
| K1ACL      | OK2BUZ     | E73D       | F9XL       | OZ4VW      | AA8R       |
| K1EO       | SV1GYG     | HC1BI      | JA0GCI     | R7LP       | JA4HAW     |
| K7HC       | VK4CAG     | IT9DAA     | JA1MZL     | RU3UR      | JF7RJM     |
| N1NK       | W2YR       | IT9ODQ     | JA5PUL     | W1GQ       | JH1ACA     |
| N8AGU      | WA0SXV     | JA2NQG     | JA7XBG     | W2RA       | JH1SJM     |
| SM4OLL     | WA4VA      | JK1AJX     | JF2WGN     | W9MO       | JH1VHU     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JJ1BMB     | AA9GR      | GM0AXY     | W4NBS      | <b>147</b> | VE3UTT     |
| JR1DUP     | EB3CW      | HL2KV      | W9GXR      | AB4SF      | W0MS       |
| K2DC       | G0VXE      | HP2AT      | WA4MME     | AD6ZJ      | W2JLK      |
| KR6C       | IU8FRE     | IK1UGX     | WB4JTT     | DK6OR      | W5KI       |
| LA2RZ      | IW0HQE     | IK7FPV     | WV2I       | DL6KY      | W6AER      |
| N1MD       | JA0NPQ     | JA6COW     |            | EA5BZS     | W6OUL      |
| N3IQ       | JA1QOQ     | K1PL       | <b>149</b> | HL4CJG     | W7TSQ      |
| N4IG       | JA2BUR     | K3FM       | AL7TC      | IK4HLO     | W8QZA/QRP  |
| N8AYY      | JA7GYP     | K4ST       | JA0LXP     | IZ0BTV     | W9HBH      |
| N8WRL      | JH3HTD     | KD4OS      | JA1ADN     | JA3EOP     | W9MJ       |
| N9XX       | K1YT       | KM1C       | JA1SGU     | JA4EVN     | W9MR       |
| NX8Y       | K4EU       | N4HID      | JA4ZA      | JH8BOE     | W9ZCL      |
| OM8FR      | KH6AT      | N9DR       | JA6GPR     | K1RH       | WA2USA     |
| PA7RA      | N2FF       | NF4A       | K0KP       | K2CYE      | ZS6UT      |
| RN3QO      | OZ7DN      | UA1CEI     | K4WY       | K3NF       |            |
| SV8LMQ     | SM6AOU     | VA3XQ      | K8AV       | K3PT       | <b>145</b> |
| VE3UZ      | VE1DUN     | VK2GR      | KM2E       | K5DHY      | AA0KA      |
| W0NFL      | VE3YXO     | W2YK       | N2SQW      | KB1W       | DL2RD      |
| W2HUG      | W5ZPA      | W4WW       | N3MK       | KD7H       | DL7UGO     |
| W4HOG      | W8MIL      | W8VVG      | N7MB       | LA5XGA     | DL9GTB     |
| WO9S       | W9GE       | WA0ROI     | NX2X       | N7MQ       | EI6IZ      |
|            | W9SE       | YO6HOY     | ON5TW      | N7TP       | F4FLF      |
| <b>154</b> | WB0N       |            | W2TB       | NJ6D       | G4FTC      |
| DK3BK      | WN9O       | <b>150</b> | W5LO       | UN3G       | IK8GJR     |
| EA3EQT     |            | AA4FL      | W6RFF      | V51B       | IW0HOU     |
| JH1DGJ     | <b>152</b> | AL7R       | W6ZO       | VA3IC      | IZ4MJP     |
| JH7LBE     | AF2C       | CT1FUH     | WA2MZX     | W1WEF      | JR3XUH     |
| J11WLL     | AG1A       | DK5RL      | WW1WW      | W5RF       | JS6TWW     |
| JK1TCV     | EU1DX      | DL2JIM     | YB2TX      | W6BK       | K2TER      |
| K0THN      | G3LUW      | DL2VPO     |            | W7EYE      | K4WES      |
| K4WFM      | IK0CHU     | DL7AA      | <b>148</b> | WB0O       | K4ZNC      |
| K8RF       | JA3NHL     | F6HLC      | EC1AIJ     | WF5E       | K5EWJ      |
| KB9DAK     | K4QD       | G4XEE      | IZ4AIB     | WS1F       | K8SIA      |
| KE4VU      | K4ZA       | HB9DQV     | JA1CZI     |            | KB7V       |
| KG4CUY     | KK9H       | IK2RPE     | J16IHG     | <b>146</b> | N4UFP      |
| KK4HD      | LB7ZG      | IZ0CKJ     | JN3RBE     | DD0VU      | N9JR       |
| OH4UI      | LU6ETB     | JA4VLK     | JR8AMF     | DK3QM      | NA6MG      |
| RA0BA      | SM2HWG     | JA9AA      | JT1BV      | EI9E       | SM7CQY     |
| RD9M       | VE3EK      | JE1VTZ     | K1AJ       | IK2DZN     | UA5D       |
| RT5A       | VE7XT      | JF2VAX     | K4WJ       | JA1WTI     | W0SR       |
| SM5BEU     | W0LYI      | JK1UNZ     | K7CMZ      | JA6NQT     | W1ER       |
| SP6Eiy     | W1MR       | JR1WCT     | KB6CIO     | JH3FUK     | W2FB       |
| UT6UA      | W1NK       | K2OP       | N4NW       | K4MX       | W4DEE      |
| W1AW       | W3NS       | K4NC       | N6IG       | K6LRN      | WA5NFC     |
| W2UB       | W4NZC      | K8MN       | NG0G       | KI1U       | YB2DX      |
| W3KHZ      | W4TNX      | KS4S       | VE1VOX     | KK0M       |            |
| W4UEF      | W7FI       | N0STL      | W8WFN      | KK6T       | <b>144</b> |
| W6NK       | W9JA       | N6WT       | W9CSX      | LX1CW      | AA0MZ      |
| W7IUO      |            | ND0F       | WB2HJV     | N4PYI      | AA6PI      |
| W8MHW      | <b>151</b> | NU4I       | WB3LHD     | N5CQ       | AB5A       |
|            | AA4DD      | NZ2L       | WS1E       | N7JB       | AK5Q       |
| <b>153</b> | EA7OH      | SM2GCQ     |            | PY2IQ      | EA7DUD     |
| 7K3QPL     | EI3IO      | W1JGS      |            | SP3F       | F1RAF      |

|            |            |            |            |            |            |
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| HA5PT      | W3DM       | WE9A       | LA9FFA     | JA9GPG     | N7NH       |
| IZ0NRG     | W9HZ       |            | N1IA       | JO4CFV     | NE4A       |
| IZ7AUH     | WB2GOK     | <b>140</b> | N6KZ       | K1VI       | NU1B       |
| JA0KJE     |            | AA4US      | N8NB       | K5ALQ      | NU1O       |
| JA1UXC     | <b>142</b> | AB0RX      | ND3L       | KB1HY      | RL3BZ      |
| JA6OXT     | F6KOP      | AD3C       | NN6K       | KF6A       | VE1JBC     |
| JH1EIG     | HL2DBP     | AG5W       | PP1CZ      | LZ2ZG      | W1FA       |
| JH2RMU     | IK2WPO     | EA3CZM     | W0TM       | NA1DX      | W5JE       |
| K0LB       | JA0PE      | ER0FEO     | WF1H       | NB3R       | W5THT      |
| K1XV       | JE2VLG     | IK0WRB     | WQ5R       | NC6A       | W6DCK      |
| K9JU       | JH1VUO     | IK7YZG     | WT9U       | OE5JDL     | WB0TVY     |
| KA0CDN     | JH2XQY     | IV3VCS     | XE1FAS     | SK0QO      | WC2K       |
| KE5PO      | JH7LVK     | JA3EY      |            | TF4M       | WD8LTM     |
| KM8AM      | JR1IZM     | JA7KQC     | <b>138</b> | UT4UZ      |            |
| N1KC       | K1ZJA      | JE1DXC     | AA5B       | W0JMP      | <b>135</b> |
| N4SC       | K2CS       | JH1BAM     | EW1LM      | W6TK       | AE4CW      |
| N7OJ       | KD5R       | JR7ILA     | HB9AZO     | W7KSK      | CT3FN      |
| NK7C       | N1BZ       | K2HT       | IK2HDF     | W7QHE      | G4FJK      |
| NZ3O       | N2ZA       | K2SN       | JF2OZH     | W8UQ       | G8AJM      |
| R7LA       | N8HRZ      | K5HK       | K2MK       | WA2BOT     | HK6K       |
| W0JM       | NA9Q       | KE8UM      | K2WK       | WB2KSK     | JA3VPA     |
| W0QQ       | NV4B       | KJ7TEA     | K3SX       | WB3D       | JR1JGA     |
| W2ZI       | W1DXH      | KP4P       | K3WWT      | WO5I       | K1SM       |
| W6BCQ      | W2TX       | LU8ADX     | K5IB       | YV5OIE     | K4IE       |
| W7QDM      | W3DQS      | N3TR       | KE7LU      |            | K4KAY      |
| W8SAX      | W9IL       | N4MI       | KF4VTT     | <b>136</b> | K5LC       |
| WA1YTW     | W9ZJ       | N4XYZ      | KF9UG      | 9H1AE      | K7LY       |
| WC4H       | WC3W       | N6QI       | N2KX       | AA6RE      | K7WK       |
|            | WQ8T       | N9IO       | N7WO       | AG1I       | KD3HN      |
| <b>143</b> |            | NN7X       | N8GP       | AG4Q       | KN4JX      |
| AC6DD      | <b>141</b> | RA0R       | OZ0J       | CU3EJ      | KO4PY      |
| AI8P       | AB5GU      | SM0XBI     | W0QD       | DL5SBA     | N3KN       |
| DJ3AS      | DF2UH      | VA7QI      | W1ZZ       | HB9MFM     | N4CT       |
| IK2RZP     | DL9ABM     | W3AKD      | W3IZ       | HL4CCM     | NY9H       |
| JA3FHL     | EI4BZ      | W6GJB      | W4DN       | IK1IYU     | OE3EPW     |
| JA6IVR     | I0LYO      | YL2AP      | W8TM       | IK8PGE     | PT7CB      |
| JA7FWR     | JH6DUL     |            | WB2RAJ     | IZ7EVZ     | SP7ASZ     |
| JA9APM     | JH6WMJ     | <b>139</b> | WI2E       | J68HZ      | W1MRH      |
| JR1CAD     | JJ1OKK     | CT3DZ      | WN9Q       | JA3UCO     | W5BN       |
| K4EB       | K0OK       | JF0JYR     | WT2P       | JA3WLN     | WA3IIA     |
| K7KB       | LU2BA      | JH0AWC     | XE1ILI     | JA7NX      | WA3PBL     |
| K8ZZU      | N7DED      | JH3GCN     | YO3VU      | JP7FSO     | WB2NPY     |
| KW9U       | N9KW       | K3SW       |            | K0SRL      | WC2L       |
| NA9A       | RW4NJ      | K4JWA      | <b>137</b> | K1TWF      | ZS1J       |
| NU4Y       | SP7ICE     | K4KAL      | AA9RR      | K2AJY      |            |
| NW8F       | VK6OZ      | K6LPO      | DL2VWR     | K4AMC      | <b>134</b> |
| OZ1HPS     | W0MU       | K6ME       | EA4UV      | K4YP       | CT1BWW     |
| RA3CO      | W0RXL      | KE4S       | EA5KA      | K5YU       | CT3CD      |
| RX3BP      | W0VHF      | KH6DX      | HB9ACC     | K8CS       | DF3OL      |
| UA9AM      | W1DYJ      | KK0DX      | HK3PJ      | K8JE       | DK2BI      |
| US2WU      | W2HUV      | KL7J       | HL3AMO     | K8KI       | HB0WR      |
| W1ENE      | W4MA       | KO8SCA     | IK3DVY     | KM1A       | HL2CFY     |
| W2NRA      | WA4NUF     | KS3L       | JA1KPH     | LA6MP      | HL2EIZ     |

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| IZ1JMN     | WQ6Q       | DJ2RB      | KC4AA      | W4LIA      | <b>127</b> |
| JA8ALB     |            | DL4ZAB     | KF7NN      | W9RC       | 7M4AOE     |
| JE1WZB     | <b>132</b> | F2NH       | KP4DKE     | WA1ZIC     | AA3AZ      |
| JG3HBO     | 9AY2K      | IZ3ETU     | LB8OH      | WA5NOM     | AI2S       |
| JH1UBK     | AA3TH      | JH8JBX     | M0IKW      | WD5BJT     | DL5KUT     |
| JH2VVH     | AE5B       | JL6USD     | N1NU       | WY6N       | HA3OU      |
| K0XP       | CT7ANG     | JM1VRW     | N2NW       |            | I1YDT      |
| K8QKY      | DJ0AH      | K1UM       | N4LUF      | <b>128</b> | JA1DIO     |
| KC5LK      | DL3IAC     | K5ZQ       | N4XMX      | 4X4MF      | JA1FHK     |
| KF2TI      | EA5RD      | K6IPV      | N7TM       | 7M4CLF     | JA1XRA     |
| N4TD       | I1CMA      | K7LAZ      | N8IL       | A71AM      | JH3PRR     |
| ND4V       | IV3TMM     | K8EB       | PY2FN      | AA4UC      | JN1MKU     |
| OE1ALW     | IZ6ERS     | K8JP       | SM5BNK     | AG7N       | K0AZ       |
| SM5CSS     | JA2OLJ     | KC2STA     | SO5AS      | AG8L       | K3OK       |
| W1OG       | JA3XNH     | KK7YC      | VE3FRR     | AK4AO      | K7PO       |
| W1ZS       | JH1ERJ     | KM4A       | W0AD       | DL3BUE     | KW2J       |
| W2DXE      | J11MNT     | KR4BD      | W3JXP      | DL6NW      | KX9X       |
| W4UFO      | JN3TRK     | KX6C       | W4NK       | G4FKA      | VU2MSA     |
| W5BK       | JR7GBL     | N0TK       | W4SW       | HB9FBG     | W4GP       |
| W6EJJ      | K4DSE      | N3HYB      | W7FP       | HK3O       | WA2ALY     |
| WA1NXC     | K5TU       | N4QWZ      | W7IB       | IT9ZZO     | WB2KSP     |
| WA3SKQ     | K6IPM      | ND7K       | W7LGG      | JA0ED      | WC5E       |
| WE2N       | KJ6Y       | OH2LU      | WK9U       | JA0EVI     | WX3P       |
|            | KS4YT      | RU3UN      | WO5D       | JA3AYU     | YT7T       |
|            | KV4T       | SM6VR      |            | JA6JNF     |            |
| <b>133</b> | KW4CQ      | VE7TK      | <b>129</b> | JE3BIQ     | <b>126</b> |
| AC4VM      | N2XQM      | W4SD       | AF4OX      | JE4CIL     | AD5WB      |
| AC5AA      | N6VI       | W7NP       | CX2CC      | JM1HJG     | DK3FB      |
| DL5JS      | N8XI       | W8FAX      | DF7GG      | K2QB       | EA4EPY     |
| DL8JJ      | N9PGG      | W9UM       | DL3LAB     | K4LQ       | EW4A       |
| EA3CWK     | NA4CW      | WA6EZV     | EA5DFV     | K8ROK      | JG1SWM     |
| HP3TA      | NA4MM      | WA6TQT     | GM0CWR     | KA1O       | JG3KLF     |
| IK6COX     | NG7M       | WB0PWA     | JA1KXT     | KD2GC      | JH4GNE     |
| JA0AXV     | NH6T/W4    | WD8MGQ     | JA1TGO     | KE3X       | K4ZMV      |
| JA1EMQ     | NJ9C       | WW1V       | JA7EU      | KE4BKL     | K8FZ       |
| JA1FUI     | NU1T       |            | JA7JPZ     | KL1V       | K8YE       |
| JA2BL      | S53MJ      | <b>130</b> | JF7NNI     | N0TR       | KC8IVC     |
| JA6BF      | SM0MPV     | 7J1ADJ     | JR0EQQ     | N2AJ       | KI3O       |
| JF1WLK     | UA3SAQ     | AA9AA      | K3VPZ      | N4HN       | KI5GD      |
| JG3RWX     | UA9AGX     | AB6BT      | K6QU       | N4MEC      | KN7Y       |
| JH4RLY     | VA7XX      | DJ4SO      | K7VC       | N9JCS      | KS0M       |
| JM3GXU     | W0UVC      | DL9GCG     | K8YYY      | N9LEO      | M0VCB      |
| K2KIB      | W0ZT       | DL9JI      | KF4NEF     | NC4RY      | N2SG       |
| K5QR       | W5RYA      | EA8MT      | LU2JCW     | SM6DIN     | N4LV       |
| K8KY       | W5WLA      | EC5A       | MW0CBC     | VK5GR      | N4UW       |
| KO1H       | W7IU       | FG4NO      | N3AIU      | VY2MC      | N5JC       |
| KZ9DX      | W9RB       | HK3MCM     | N7BD       | W1PNR      | N6PEQ      |
| N4AOE      | WB4CW      | JA4RED     | NT9F       | W3EF       | N8VV       |
| N4DJ       | WV9L       | JA8BAR     | PY3SB      | W5UE       | OZ9GA      |
| N8KU       | WX2CX      | JF2QNM     | UA0APV     | WB5NHL     | W1BYH      |
| NT5O       |            | K3NQ       | UY1HY      | ZS2Y       | W3ML       |
| W6FL       |            | K4ODL      | VO1AU      |            | W4PG       |
| W6MVW      | <b>131</b> | K4VX       | W2EQ       |            | WA9DU      |
| W8JA       | AA4EA      |            |            |            |            |

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| WB2GAI     | IK8VRH     | K1QN       | UA6LCN     | W4AEJ      | JA7VEI     |
| WB5STU     | JA1TD      | K7QA       | VE7ON      | W4EB       | JM1GYQ     |
| WV1X       | JA2AH      | K8GT       | VE7VF      | W4NE       | JR2CFD     |
| YB1TJ      | JA7HRM     | KC4HN      | W1GF       | W5FL       | K0IIR      |
| <b>125</b> | JE6UWU     | KF2DT      | W4AO       | W5MF       | K1LTJ      |
| AD4AA      | JM1LPN     | KF7F       | W4PNY      | WA6JA      | K3GO       |
| DL9BM      | K2WJ       | LB5GI      | W4RS       | WK8A       | KB4CRT     |
| EA1P       | K3LA       | N6NT       | W7BJN      | WW8RT      | KK4QN      |
| ES3VI      | K6SLO      | NC1M       | WA6KHK     | YB1AR      | LA4C       |
| G0HIO      | KB9S       | ND4X       | WB1EAZ     | YO3JF      | LZ2HM      |
| G8BCG      | KF1P       | NS3L       | WN0L       | <b>120</b> | N1DC       |
| HB9JG      | KM1R       | OH2BEN     | WR2G       | DL1EV      | N2RR       |
| HB9JOE     | KN9N       | ON8VM      | WV1R       | DL2VFR     | N3CW       |
| HB9VAB     | KP4MS      | PT7DX      | ZS6IR      | EA5B       | N4JQQ      |
| IZ5EKV     | MU0FAL     | SV2BXA     | <b>121</b> | HB9IIO     | N6OJ       |
| JA2QCX     | N1YX       | VK2CA      | CU3AN      | IK7YCE     | NA2R       |
| JA6EXO     | N3KR       | W0PE       | EI8GS      | IZ5EBL     | NK7Z       |
| JJ6DGP     | N4KM       | W2PSU      | F6FYD      | JA3BLN     | SK6SJ      |
| K2ZZ       | N5QS       | W2XX       | GM3WIL     | JF1EGO     | SM6NJK     |
| K3DFL      | N6XT       | W4GKR      | HB9BOI     | JH1LZU     | SV8QG      |
| K5TIA      | NC2Y       | W6PH       | IK4TVQ     | JH6CDI     | VA3HP      |
| K6BZS      | NN4K       | W9ROG      | IK5BOH/2   | K0COM      | VE4JBB     |
| K8GWU      | NO0B       | WA8Y       | JA0MRW     | K1TKL      | VR2XMT     |
| KG5VK      | NS4F       | WB4GLI     | JA2ACI     | K4MV       | W5UHQ      |
| KM9E       | OT1A       | WC4V       | JA3AVO     | KD2SC      | W6DE       |
| KQ5M       | W1ASB      | WQ1H       | JA8EIA     | KD4POJ     | W6IS       |
| N3OUC      | W5WZ       | <b>122</b> | JA8ZO      | KF8HR      | WA3YZD     |
| N4ENE      | WA4QMQ     | 9A3LYL     | JH0OXS     | KI4TZ      | WA7BNG     |
| N6AA       | WA8RCK     | AA7FL      | JH1AEP     | N2CG       | WA9JWL     |
| NJ7G       | WB4SON     | AB2DP      | JH1SBE     | N5BA       | WB2ZAB     |
| NW7US      | WD6T       | BV1EK      | JR4CZM     | N5PA       | WB3BFC     |
| PT2CSM     | WR7Q       | EA6EE      | K0FG       | N9DJ       | WB8IZM     |
| PY2RN      | ZS6NJ      | F5RQQ      | K0QQ       | NM1G       | WB9WHQ     |
| RT2O       | <b>123</b> | HB9BEM     | K3AR       | NO2C       | WY0V       |
| SV1CQN     | AA4LR      | IK6BOB     | K3IXD      | NW4M       | ZL1WG      |
| SV1EOG     | AB6CF      | IV3BSF     | K3JM       | PY2SEX     | <b>118</b> |
| W1MJB      | AC4BT      | IV3KCB     | K3RWN      | SV3AQR     | AA4NG      |
| W1XV       | EA2AAZ     | IZ8EJB     | K4GM       | VU2PTT     | DL2RUG     |
| WB1DX      | IK1RLI     | JA0CIU     | K8CXM      | W0UY       | DL4FDM     |
| WC0W       | IK4BHO     | JA1CPU     | KC9WPS     | W5EC       | DL5MX      |
| WD8KND     | JA2CXK     | JA3EEM     | KD8BZY     | W6HDG      | G0MFO      |
| XE2YWH     | JA2JRG     | JE8IGW     | KM7R       | W7HUY      | G3YFE      |
| <b>124</b> | JA2KSI     | JM1GHT     | KT5X       | WD9FLI     | G3ZEM      |
| BG8PA      | JA7KE      | KD0S       | N4BAF      | WN7J       | G4CWD      |
| DF3EC      | JA8EOT     | KF8DX      | N4GBK      | YE6YE      | GW0ANA     |
| DM5JBN     | JA9GLW     | KT8D       | N4TKF      | ZS1C       | HB9DLE     |
| F8EZE      | JE1HRC     | LA6EIA     | N7WR       | <b>119</b> | HL3ERJ     |
| G3VAO      | JE3GUG     | N1SZ       | NY7T       | DS5ACV     | I5CRL      |
| G3XLF      | JH0NBN     | NI4Y       | NZ5O       | HA8UT      | JA2NNF     |
| IK0OPS     | JH6WDG     | NU4B       | OE1HHB     | JA0CVC     | JG1WNO     |
| IK4TVP     | JO1ABS     | OZ9XU      | W1OK       | JA1DXR     | JH2PWY     |
|            | K0KM       | SM2EJE     | W3NRJ      |            | J11FXS     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K1TU       | K8WHA      | JA8BZL     | JA1OVF     | JR1EYB     | K0HB       |
| K3IZ       | K8ZM       | JA9IWR     | JA8GSN     | K0BRO      | K0HD       |
| K4GO       | KE1IU      | JO1LVZ     | JH1RVQ     | K1QQ       | K0PC       |
| K4SAF      | KF2OG      | K0BFR      | JH4VDP     | K6GWN      | K0XM       |
| K5WE       | KG6D       | K4IU       | JK1SAI     | K6PT       | K2SD       |
| K6UXO      | KK9T       | K7VS       | JL1GYZ     | K9QJ       | K2TG       |
| K7UPJ      | KM1H       | K9LCR      | K1HJC      | KA1DJ      | K6OJ       |
| K8IKE      | KM5G       | K9ZG       | K4MIH      | KM3J       | K8SM       |
| KB0V       | KS9R       | KB8KIM     | K4MIJ      | KU8X       | N1ZJ       |
| KB1AWM     | KU4V       | KU1T       | K5AX       | KX2S       | N6RC       |
| KB2XJ      | LX2PA      | KV4AA      | K5LY       | LA4RT      | N8RF       |
| LA7EIA     | N0IW       | N0ATQ      | K8LBT      | LA4WJ      | N9RE       |
| LY3BS      | N0ODK      | N2SU       | K9EXY      | LA7QI      | NJ0F       |
| N1FOJ      | N8JK       | N3ER       | KB0EL      | LA9XGA     | NY1V       |
| N3MLV      | N8WXQ      | N4HGZ      | KE7PB      | LU1FM      | ON6LY      |
| N3RW       | NC8I       | N4QVM      | KK0T       | MM0BQI     | ON7BJ      |
| N7AU       | NL8F       | N6NBB      | KK5OQ      | N2YBB      | PP2FN      |
| NA5S       | NW2I       | NV4A       | KM4NS      | N6RJY      | VE3SKX     |
| OE3JAG     | ON4AGX     | OH1NSJ     | LA2IR      | N8AID      | VE7BZ      |
| TA1L       | OZ3SM      | PA2R       | LT1F       | N8KUS      | VR2CH      |
| VA2IG      | PT2BW      | SM1NJC     | N0OP       | N9NB       | W2PD       |
| VE3PNT     | SV2CLJ     | UA1OM      | N6DHZ      | NG4C       | W4CC       |
| VR2PX      | SV3RKM     | VU2ABS     | N8SHZ      | NR0T       | W5RDW      |
| W4SKW      | TA1AL      | W0ANZ      | ND4Q       | ON6KE      | W8AEF      |
| W6GM       | TF3DT      | W1GWN      | NK2H       | PV8DX      | W8PE       |
| W6WF       | UT2VC      | W1NR       | PV8ABC     | W1LE       | WA1EHK     |
| WA3GM      | V51YJ      | W4ARK      | UU1JA      | W2PP       | WA2AOG     |
| WA4USA     | VE7ACN     | W4CZ       | VK3OT      | W4TTY      | WB9MSM     |
| WB4PWZ     | W1UN       | W4DFU      | W0QC       | W7BV       | WK1Q       |
| WZ6Z       | W3WN       | W5SJ       | W2HAZ      | W7HJ       | WW5L       |
| YB1RUS     | W4OWY      | W7RR       | W5GO       | W8BI       | WY7M       |
| YB4CHP     | W6KR       | W7VJ       | W5HNC      | W8UMA      | XE2MX      |
| ZS5LEE     | W8VK       | WA2EOV     | W6QON      | WB4DNL     | YB0EIN     |
|            | W9BB       | WA8LOW     | W9RXJ      | WD1M       | YE1AR      |
|            | WP4CQ      | WA9BZW     | WN1M       | WG0G       | YV4DYJ     |
|            | WS4H       | WB8FIW     | YO3HOT     | WN6K       |            |
| <b>117</b> | XE1R       | WC2C       |            | WR2V       | <b>112</b> |
| AJ8MH      | ZP5FGS     | WF4W       | <b>114</b> | XE1EE      | 7N4OBV     |
| DL2TOS     | ZP6VT      | WJ1B       | AA4H       |            | AA3K       |
| EI8IU      | ZS4JAN     | WQ5C       | AD4XV      | <b>113</b> | AA7UN      |
| G3PSM      |            | WV4V       | AK3E       | 6K5AQY     | AA9WO      |
| HB9PUE     | <b>116</b> | WW0E       | BA4TB      | A92IO      | AD1S       |
| HL4GHT     | 4X1EL      |            | CT1ELF     | AC9X       | DF2WF      |
| IK0XIH     | AB1J       | <b>115</b> | HL3DE      | AK1P       | DF5CD      |
| IZ0GYP     | AB4GE      | AA5N       | IZ5GST     | EA2J       | DJ7JC      |
| JH8KFE     | DD0VE      | AB0S       | JA2LHG     | EA5HM      | DL8DYL     |
| JR1SLU     | DF2UA      | AC0B       | JA3VUI     | EA8TZ      | G4DBW      |
| JR6GHN     | E77S       | AJ8B       | JA7MAD     | F4WDL      | HK4EB      |
| K0MP       | EI7GY      | DH3KM      | JE1LPZ     | G4RGK      | JA0HC      |
| K4AR       | HK1X       | DS5DNO     | JH3GFA     | IZ0FUW     | JA9RT      |
| K4AU       | HL5BMX     | G0JJG      | JK1MZT     | JA2MNB     | K0UBR      |
| K4SX       | JA2DHG     | I6DQE      | JL3DGI     | JA4JSV     | K1KOB      |
| K4ZIW      | JA3UNA     | IU8HEP     | JR1ATQ     | JH3GRO     | K2DW       |
| K5GM       |            |            |            |            |            |
| K6CF       |            |            |            |            |            |

|            |        |            |            |            |          |
|------------|--------|------------|------------|------------|----------|
| K4ULA      | DL1DH  | WE2L       | N2KW       | K7CU       | JA0DBQ   |
| K6EGW      | EA2AGV | WF2Y       | N4ANV      | K7IA       | JA1SZN   |
| K6LD       | EA4EJP | WO2Q       | N4CO       | KC5LT      | JA2CPD   |
| K6MKF      | EI1DG  | WZ1Q       | N8NH       | KD4W       | JA4CZM   |
| K7DS       | EU1TT  | ZP9MCE     | NU0Q       | KP4AH      | JA5OP    |
| K7SX       | F4DSE  |            | NW6V       | N1UZ       | JG1LBN   |
| K8AO       | HB9LAK | <b>110</b> | OZ9U       | N5RN       | JG2LGM   |
| K8LE       | HC1HN  | DF1JM      | R0QA       | ND1T       | JH3LCU   |
| K9UVK      | I2QMU  | DL2AMD     | R6AZ       | NN4RR      | JJ7XTV   |
| KC2SST     | IC8SQS | DL4IW      | SV8RX      | NR3Y       | JK7LXU   |
| KD9ZR      | IK2PZC | DL8XDA     | TF1A       | NX3A       | JR1VAY   |
| KP3R       | JA3HBF | DM3XRF     | VE2GHZ     | OZ6PI      | JR3QHQ   |
| KR4DA      | JA3QOS | DS4CNB     | VE3EDY     | R2ARR      | K1KZ     |
| KS4XQ      | JA7FAS | G3WXX      | VE3YV      | SV1XV      | K1XE     |
| LU3XX      | JA9FO  | HB9AGO     | W0QL       | SV3EXP     | K4DB     |
| N1BB       | JE1GWO | IK0UTM     | W0VM       | TA6N       | K4JDV    |
| N2KI       | JH8GEU | IZ8EKL     | W3SB       | TF3JB      | K5LA     |
| N3NO       | K0RW   | JA0UMV     | W4GF       | VK2DAG     | K6NS     |
| N4WOT      | K1VMI  | JA1EMK     | WY4I       | W1KDA      | K6XJ     |
| OZ7QB      | K3GW   | JA1KZP     | XE1L       | W1RH       | K7QBO    |
| PY6TS      | K3HW   | JA2KTP     | YB4IR      | W4DWS      | K8ZT/QRP |
| R3BB       | K5VR   | JA4HXF     | YV5LI      | W5XU       | KD4RH    |
| R7NA       | K6DJ   | JA7GAP     |            | W6EKR      | KD4SN    |
| SP1NEN     | K7STO  | JE3CHA     | <b>109</b> | W7XE       | KE4KMG   |
| VA7ZT      | K8CCV  | JF1KKV     | 4Z4KX      | W9KM       | KE9XN    |
| VE3GFN     | K9ARZ  | JJ2VLY     | 7K1CPT     | WA0WWW     | KM4HQE   |
| VE7NY      | KA4H   | JM1GAW     | AA4MD      | WA4YYM     | KX5V     |
| VK7ZE      | KB2HK  | JP1NWZ     | AA4ZK      | WA5YNB     | MM1PTT   |
| VU3WEW     | KI7M   | JR1RCQ     | AA8BN      | WA7BNM     | N1HO     |
| W1RG       | KJ4YLO | JR2PZX     | AJ9K       | WA8LRW     | N1TA     |
| W4EJG      | N1KM   | K0GW       | CT1CQK     | WB2UFF     | N4KEB    |
| W4JVN      | N2FY   | K0HP       | DL1TPY     | WI7N       | N5OP     |
| W4UAT      | N3BOB  | K1EDG      | DL2RTL     | WY7FD      | N8KOJ    |
| W5FPT      | NC6K   | K1LZ       | DL9QJ      | ZS2ACP     | NN7A     |
| W5MJ       | NE1RD  | K2GLS      | EA3BL      |            | NT6AA    |
| W5TFV      | NJ1H   | K3EE       | EA3GCT     | <b>108</b> | OZ1OXQ   |
| W6CN       | NR5R   | K4AFE      | F4GVO      | 9A3ST      | PJ2HB    |
| W9LYN      | OE1JIS | K4DET      | G4EHT      | AC7ZG      | PV8RR    |
| WB4CTX     | RV3GW  | K4TXJ      | G4UZG      | AE4VJ      | S51DD    |
| WB4FNH     | UA6MA  | K7JI       | HB9DRS     | CO7RG      | VU2IT    |
| WX4TM      | W1HEO  | K9GY       | HB9GWJ     | DH4RL      | VU2OT    |
| YU1GM      | W3WH   | KA1API     | IK0XKP     | DJ5EY      | W0YDB    |
| ZL1ANH     | W5WI   | KB2RA      | JA0HXV     | DL3ANK     | W2GHD    |
| ZS6NK      | W6IHA  | KB4FXE     | JA6JYM     | EA5DKU     | W2ZK     |
|            | W6ZPL  | KB4KBS     | JA9IFF     | F5UJK      | W4EW     |
| <b>111</b> | W7AM   | KB5GT      | JF6AKS     | G0KHO      | W4GD     |
| 8P6SH      | W8QWI  | KI0I       | JI4HKA     | G3VXJ      | W4PGC    |
| AA8KY      | W9GG   | KK4TK      | JI5RPT     | G4SSH      | W4PGM    |
| AC0X       | W9KX   | KM5VI      | K0MFI      | G7SSE      | W4WNT    |
| AD4YQ      | W9MMZ  | KS0Y       | K1RY       | HB9HHH     | W8LYJ    |
| AI1W       | W9WO   | KV7N       | K4BNF      | I7PXV      | W8ZR     |
| AI4WW      | WA7HQD | KW1DX      | K4RDU      | IT9IPQ     | WU4B     |
| DK9WZ      | WD9IOK | LA4JGA     | K6JJ       | IU8IYE     | WY2E     |

|            |            |        |            |            |        |
|------------|------------|--------|------------|------------|--------|
| XE1OX      | OZ2TF      | K0GK   | YB0JH      | N3ZA       | HA0EQ  |
| <b>107</b> | SM3JLA     | K0HQW  | YC0LOW     | N4FN       | I3DUB  |
| AI9U       | SP7QHR     | K1EP   | YO3NL      | N5OGP      | IK4QJH |
| AJ4IM      | SV2DSJ     | K2JK   | ZL1BBW     | N6DW       | IV3EHH |
| DK3TL      | UR4CW      | K4GZ   | <b>105</b> | N6VNI      | IZ8EYN |
| DL2KUA     | UR4IOR     | K4RP   | 9A5SSS     | N7KDT      | IZ8FDH |
| DL6ZNG     | VR2XYL     | K5MMH  | 9L1JT      | N7NM       | JA1KXY |
| EA1AA      | W1XY       | K5VG   | AA4UJ      | N8TFD      | JA2DCN |
| F1ICS      | W3ACO      | K7GA   | AA4XR      | N9AX       | JA3MIO |
| F8DZY      | W3UI       | K8CJY  | AA8CH      | NS7K       | JA4AO  |
| G0RPM      | W3UTD      | K8FB   | AA8SW      | PA2SWL     | JA5EEU |
| G3RZP      | W5DM       | K9SUH  | AB2NI      | R3LO       | JA7TQK |
| HA8UB      | W5UQ       | KB9AIT | AC5O       | RA6XV      | JE4WOK |
| I4FGG      | W6BBS      | KC4PX  | AE4M       | SM0EUI     | JQ3TAN |
| I5XFD      | W7JET      | KD3UY  | AF8C       | UQ2GM      | JR2PAU |
| IK6CGO     | W8LWU      | KF8VX  | AH7G       | VE3MSK     | K0FF   |
| JA1ASO     | WA2PNI     | KJ6ZH  | DF8FT      | VE9RJ      | K0IL   |
| JA1CJO     | WA3FRP     | LY2PAQ | DL6DK      | VY2RU      | K2DF   |
| JA3GAK     | WA9IVH     | LZ1HY  | DL9NDV     | W1KMA      | K2RNY  |
| JA7XRO     | WB9UQE     | M0RTP  | EA1AZ      | W1USN      | K4KFH  |
| JH1AQN     | WD4IXD     | N0MR   | EA1T       | W3DAD      | K5RKS  |
| JM7TKK     | WM4AA      | N4LB   | EA5XV      | W4CU       | K6JAD  |
| K2GW       | WY9V       | N4WMB  | F8GB       | W4RQ       | K6MYC  |
| K2IE       | YB0WWL     | N6FS   | HB9CA      | W4WIV      | K6ZP   |
| K2WR       | YO5OEF     | N9BVA  | IK0WMJ     | W5ADH      | K8TS   |
| K5ZO       | <b>106</b> | NA7RH  | IK2DJV     | W6SIY      | K9BJM  |
| K6AHG      | AB6FI      | NK7L   | IZ5IMB     | W7MD       | K9JDP  |
| K8POM      | DL7AB      | NT4K   | JA6MWF     | W7VS       | KA5RNH |
| K8ZEE      | DM3CW      | NZ0O   | JH2AHZ     | W8EH       | KE1B   |
| K9AAN      | EA2CLU     | OE9SLH | JH3AEF     | WA0GOZ     | KF0RQ  |
| K9XR       | EA3LX      | OZ7BQ  | K0PX       | WA4HXC     | KF6E   |
| KI0G       | EA8TK      | RC3D   | K2IUK      | WA6URY     | KF8AR  |
| KI2D       | EA8TK      | RV6ARZ | K4VMT      | WA8A       | KH6XT  |
| KI7HO      | EI4DQ      | SA0AQT | K5FXB      | WA9SQH     | KI4RD  |
| KM2O       | F5EOT      | TF3T   | K7AWB      | WB0CHS     | KK4MA  |
| KM4FI      | F5RZJ      | W0TF   | K7KJ       | WB3AVD     | LA3ANA |
| KP4N       | G0THF      | W1EBM  | KB5HC      | WB4KZW     | LA9VBA |
| KR9A       | GM0NAI     | W1ECI  | KC1ERO     | WB5IUU     | LU4FW  |
| N2RD       | HB9DVO     | W1PY   | KE6V       | WD1X       | LZ1SW  |
| N3YZ       | HB9ECS     | W4AFB  | KE7UL      | WK1J       | N2PK   |
| N4KZ       | HB9HFM     | W4LZW  | KE8G       | WO7V       | N2TC   |
| N4WD       | HC4L       | W4OEP  | KJ6YK      | XE3ARV     | N3COB  |
| N5PO       | HG6IA      | W5GML  | KK8MM      | YO6BHN     | N3STZ  |
| N5TF       | HL1XP      | W5PD   | KN7K       | <b>104</b> | N4PF   |
| N6ER       | HL4CBX     | W5SUM  | KO4XM      | AA6PG      | N6VH   |
| N6JM       | IK5TBK     | W6TGI  | KR4U       | AA6XV      | N7YQ   |
| N7VPN      | IZ4COT     | W9FY   | LU9DO      | AF6O       | NE6V   |
| ND9M       | JA2VHO     | WA3DCG | LX1EL      | DL6DCD     | NY2E   |
| NQ2O       | JF1CZQ     | WB8RFB | LY3BA      | DS3EXX     | ON6NG  |
| NQ4A       | JH1XFR     | WD3P   | N1XL       | EA4DEI     | PY2CP  |
| NS4X       | JH8DEH     | WS7W   | N2PL       | F5VML      | RW3QHN |
| OH3FVP     | K0CF       | WX0Z   | N3AS       | G4GEE      | SL0AS  |
|            | K0GEO      | XE1V   |            |            | SM5NAS |

|            |        |            |        |            |        |
|------------|--------|------------|--------|------------|--------|
| TI4SU      | K8TLC  | WB2GMY     | K4VUD  | W8DN       | K8ARY  |
| VR2KF      | KA2F   | WB2P       | K5PV   | W9LU       | K9EA   |
| W1TW       | KB1CQ  | WB3HLH     | K6VMV  | WA8COB     | KA1NCN |
| W3DIY      | KC1XX  | WB5TOI     | K9QA   | WM0G       | KA4IWG |
| W5AP       | KF8PD  | WB8PKK     | K9WA   | YL3GDM     | KB5NJD |
| W6FUV      | KI5GF  | WD4AFY     | KA4JNB | YO8PS      | KB8DID |
| W7TUS      | KN4T   | WE9M       | KC4GKY | YV1AVO     | KC0V   |
| W8PAT      | KP4GC  | WK5X       | KD1AB  |            | KD0AA  |
| WA4TMJ     | KS4Q   | WN5K       | KD2SY  | <b>101</b> | KD1YV  |
| WB6MBF     | KT6LA  | YB9AY      | KE3ZT  | 5P5Q       | KJ4FZ  |
| WB8EKG     | KW9K   | YC6JRT     | KE5FXE | AA2VG      | KK4ODQ |
| WQ5G       | LB8CA  | YO4AUP     | KK4CLY | AD5MD      | KM4EX  |
| YL2IP      | LU5OM  | ZL1ANJ     | KM8V   | AF3K       | KU9S   |
| YO5QAW     | M0PCB  | ZL2AO      | KM9Y   | C93PA      | KZ1X   |
|            | M5LRO  | ZS1DX      | KU0S   | DJ3GZ      | LA9JKA |
|            | N1KI   |            | KV1M   | DK8IZ      | N0IRM  |
| <b>103</b> | N2QLT  | <b>102</b> | KW4BY  | DM5TI      | N1GNB  |
| AC4CA      | N2ZL   | AA1DN      | LA9PHA | DS2BGV     | N4ST   |
| AC6ZM      | N3NVA  | AA1IF      | N1EDN  | EI3ISB     | N4VG   |
| AD0TR      | N4LS   | AA5H       | N1IN   | EW2CR      | N6RVI  |
| AF3X       | N5RA   | AB5YI      | N2MG   | F2AR       | N7ELL  |
| DJ3NK      | N5YY   | AD5BV      | N3DAP  | F6ARS      | N8LIQ  |
| DJ3XG      | N6IBP  | CT1YH      | N4DJT  | F8DHE      | N9OK   |
| DL1ET      | N6MXU  | DL2XN      | N4PAJ  | G4DDL      | NE5W   |
| DL1SVA     | N7NF   | DL5PW      | N8PE   | G4VWI      | NK6O   |
| DS4DBF     | NA8W   | DS5JMG     | N8WL   | G8GNI      | NZ3M   |
| EA4S       | NF7D   | EI5JL      | N9HUK  | GW4WND     | OH2LHE |
| EI5GM      | NM4Q   | EI9FVB     | NA3M   | HB9BNQ     | RW9LL  |
| EI8IQ      | NX1P   | F4HAB      | NG4P   | HI3I       | UA3FT  |
| F3SJ       | OV5O   | G0UGO      | NI7F   | HL1SX      | UA3UCD |
| G3VDB      | PY2DV  | G0UJI      | NN2D   | I2YPY      | UA9CIM |
| GM4ELV     | RA3LD  | G3JFC      | NX3Y   | IK2WSO     | UR3HC  |
| GU0SUP     | RM4C   | G4AYU      | NZ3L   | JA1BJI     | UY5AR  |
| HA0IT      | RZ6LB  | HC1HC      | OH3PYY | JA3WMS     | VE6TL  |
| HL9HH      | VE1GBD | I7LGM      | PF7M   | JA5ALE     | VK3FNJ |
| I0BJV      | VE1HA  | IK2ECP     | PR7AB  | JA5XPD     | VU3CAU |
| I6XGZ      | VE3GLA | JA3MHV     | PY2OP  | JA8ANQ     | W3GP   |
| IS0/YO3RA  | VE3MIS | JA3VQW     | SM7TZK | JH2AJY     | W5TSB  |
| IS0MVE     | W1VEM  | JH1GNU     | UA2CZ  | JM1ESG     | W5TUF  |
| JA8AQ      | W3ATV  | JJ1KZZ     | UN7BK  | JM1SMY     | W6QL   |
| JA9IPF     | W4TJE  | JJ2BLV     | UX4UM  | JR3TOE     | W7WT   |
| JE4FNC     | W5SG   | JO1MOS     | VA1SEA | JS6QOM     | W8JY   |
| JF1MTV     | W6OP   | K0GX       | VA7FC  | K0HIP      | W9IE   |
| JG3KMT     | W6SA   | K0ZM       | VE3KKB | K0SQ       | W9QO   |
| JH2CYU     | W6SFK  | K1CN       | VR2ZXP | K1JE       | WA3YGG |
| JH5OTE     | W7IH   | K1HC       | VU2LBW | K1YA       | WB8TGY |
| JK2VOC     | W7PC   | K1ROA      | VU2MB  | K2KNB      | WD4OHD |
| K1FE       | W8KTH  | K2FJ       | W0FF   | K2RB       | WF3M   |
| K1HDO      | W8LAQ  | K2MHE      | W0PXM  | K2UT       | YB0AI  |
| K2YEH      | WA7IHN | K3IU       | W1DAR  | K4RM       | YB1AYO |
| K3GP       | WA8MOA | K4CKS      | W4PM   | K4TOR      | YL7X   |
| K4MQL      | WA9BXB | K4NI       | W5TZN  | K5GZR      | ZL2LW  |
| K5NV       | WB2EBS | K4OP       | W7YED  | K7RAN      | ZL3NW  |
| K8CR       |        |            |        |            |        |

|            |        |        |
|------------|--------|--------|
| ZL3TE      | K4LRX  | SM7DXQ |
| <b>100</b> | K5HX   | SP5ZCC |
| 5N0ETP     | K6EGF  | SQ5M   |
| A41ZZ      | K6JBH  | SV8RMA |
| A71XX      | K7NW   | TA2AD  |
| AA2MF      | K7PT   | UA4PT  |
| AA2T       | K8BB   | UX5XK  |
| AB4KJ      | K8OS   | V31CQ  |
| AF8P       | K9AQ   | VA3VF  |
| AI4EY      | K9CHP  | VE2ACP |
| AK4N       | KB2S   | VP5JM  |
| AK9B       | KB3KJ  | VR2IL  |
| DG0OAT     | KB4CP  | VU2DED |
| DL2YBG     | KB4FB  | W0GXA  |
| DL3XAC     | KC4DM  | W1FP   |
| DL6ZBN     | KC8YG  | W1KQ   |
| DO2UDX     | KE5MMT | W2FS   |
| EA2RY      | KE8NOA | W2RL   |
| EA4D       | KF9WV  | W3EP   |
| EI5GSB     | KG6KH  | W4LEW  |
| G4NBS      | KI6PG  | W4MIR  |
| G4SGX      | KJ4EX  | W4UT   |
| GI0VJE     | KJ4UZU | W4YR   |
| GM0VIT     | KL7XO  | W5WS   |
| HB9CZF     | KN4OK  | W6OU   |
| HL4XM      | KU4A   | W6PG   |
| I8YAV      | KV8P   | W7NUW  |
| IK2HLM     | LA8W   | W7SMW  |
| IZ0GKB     | MW2I   | W9COS  |
| IZ4IRO     | N1GFV  | WA9EZT |
| JA1BDF     | N2JNE  | WB2AMU |
| JA1EYN     | N2XTT  | WB2BXO |
| JA2ODB     | N3CAL  | WB2MKX |
| JA3BKP     | N3MX   | WB4JPG |
| JF3MKC     | N3PV   | WB6RAB |
| JH1HRJ     | N4GOA  | WD0AJG |
| JH8CFZ     | N4UP   | WD1Z   |
| JJ1IRS     | N4UY   | WI0E   |
| JP1GUW     | N5CR   | WK3A   |
| JQ1YIW     | N6DKZ  | WM1L   |
| JR1AHH     | N7ZT   | WM9Q   |
| JR1LZK     | N9AKR  | WQ5T   |
| JR3ADB     | N9AZZ  | YB0MWM |
| K0MB       | NA9L   | YB1BML |
| K1YWW      | NE3K   | YB2TS  |
| K2ITT      | NJ4V   | YO2OXD |
| K2RKJ      | NO2EL  | YO6HSU |
| K2ZD       | OM4KW  | YU1LD  |
| K3CWF      | OZ1ZD  | ZL3PAH |
| K3RRR      | PA3GFE |        |
| K3SUK      | R3DL   |        |
| K4HEB      | RA3UT  |        |
|            | RA6XB  |        |