

## 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 20 Mar 2024, 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>364</b><br>ON4UN*          | SP5EWY<br>W4AG                | <b>342</b><br>JA2JPA<br>LZ2DF | R4GM<br><b>337</b>              | <b>333</b><br>IK4WMA<br>UA3AB<br>WD5COV | JA5EXW<br>N8JV<br>OZ1CTK<br>SP5CJQ<br>VA3DX<br>W3GH* |
| <b>358</b><br>VE1ZZ*<br>W4DR  | <b>348</b><br>JA1UQP<br>W3LPL | N1DG<br>PE5T<br>R7LV<br>W1MK  | DJ9KG<br>JH1GZE<br>K3UA<br>N0TB | JH4UYB<br>OE6IMD<br>JA3FYC              | I4EWH<br>CT1EEB<br>G3KMA                             |
| <b>357</b><br>W1NH            | <b>347</b><br>JA4DND<br>K4DY  | W3UR                          | W1YY<br>W4QCU                   | UT5UIA<br>W0BV                          | <b>328</b><br>I5KKW<br>I5NPH<br>IK8HJC               |
| <b>355</b><br>EA8AK           | OZ1LO<br>SM4HCM               | DJ6RX<br>K4ESE<br>K8MFO       | <b>336</b><br>DJ2BW*<br>JA3FYC  | EY8MM<br>JA5AQC                         | JA1HGY<br>JA4LKB<br>JF2MBF                           |
| <b>354</b><br>OH1XX           | <b>346</b><br>I4AVG<br>I4EAT* | OH5VT<br>SM5CEU<br>SM6GZ      | K5RK<br>N3XX<br>UR0MC           | <b>331</b><br>K0KX                      | K3FN   |
| <b>353</b><br>JA1ELY<br>K4MQG | JA2VPO<br>K4PI<br>K5NA*       | W8UVZ<br>WB9Z                 | UT5UGR                          | K1UO<br>N1RJ                            | N2LT<br>N3SL   |
| K5UR<br>OH2BU                 | N4JJ*                         | <b>340</b>                    | HA8IE                           | OK3GU                                   | N4CH   |
|                               | SM6CVX<br>SP2FAX              | KG4W<br>OZ3PZ                 | JA1BK<br>JA2WYN                 | RA7A<br>SP7VC                           | R3OK<br>SM5KNV                                       |
| <b>352</b><br>N4WW            | PY2XB                         | <b>345</b><br>UA4CC           | JA8EAT                          |   | SP8AJK   |
| W1JR                          | 4X4DK                         | W3YX                          | N2TK                            | <b>330</b>                              | UA3DPM   |
| W9ZR                          | JR2KDN                        |                               | SM3GSK                          | 9A7V                                    | W5EU   |
|                               | N0XA                          | <b>339</b>                    | W4VQ<br>WA4FFW                  | GM3YTS<br>IK4GME                        | W5ZN   |
| <b>351</b><br>K2TQC           | JA5AUC                        | <b>344</b><br>JR3IIR          | K6SSS                           |   | <b>327</b>   |
| SP3GEM                        | K4CIA                         | K4ZW                          | <b>334</b><br>DK5PR             | K7ZV                                    | AA1V   |
| W1NG                          | SM5AQD                        | N6AR                          | F6BKI                           | N8DX                                    | DL1RWN   |
|                               | UA4HBW                        | OH1MA                         | GM3POI                          | OE3GCU                                  | EU7A   |
| <b>350</b><br>SM0AJU          | W7UT                          | UA3AKO                        | JA8DNV                          | SV1FJA                                  | K4UTE  |
| W4ZV                          | VE3EJ                         |                               | KF2O                            | W2YC                                    | SP3E   |
|                               | <b>343</b><br>N4CC            | NR1R                          |                                 |   | SP7GAQ   |
| <b>349</b><br>HA0DU           | SM3EVR                        | <b>338</b><br>DF3CB           | OZ1BTE                          | <b>329</b><br>DJ2YA                     |  |
| N4KG*                         |                               | JH4IFF                        | SP3EPK                          | EA6SX                                   | IK6DLK   |
|                               |                               | NN4T                          | UA6A                            | F5NTV                                   | JA6BZA   |
|                               |                               |                               |                                 | G4BWP                                   | K0SR   |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| LA5HE      | RV3LO      | W4DKS      | G3LZQ      | <b>309</b> | I0DJV*     |
| N2QT       | SP9FKQ*    |            | JG1ULJ     | IK2YCW     | JE2URF     |
| PY2YP      | UA3AGW     | <b>318</b> | JR7VHZ     | IZ5DKJ     | JF1PUW     |
| RZ3AM      | UA6MF      | JA5MHD     | K0IEA      | JH2FXK     | JH2UVL     |
| S58T       | W0FLS      | N2NL       | K1MM       | K5EJ       | K0EU       |
| SL0ZG      | WX4G       | OK1AWZ     | K1ST       | K9ZO       | K1DC       |
| VE7SV      |            | SM5DJZ*    | K9CT       | KG7H       | K2JMY*     |
| W3NO       | <b>322</b> | SP6CIK     | K9FD       | N4II       | K5AQ       |
| YO3APJ     | IK1GPG     | SV8CS      | OZ1ING     | SM4DHF     | K8SIX      |
|            | JA2QPY     |            | SM6CMU     | W1DIG      | N1SV       |
| <b>325</b> | JQ3DUE     | <b>317</b> | SV1RK      | W9RN       | N4DW       |
| AA7A       | K8GG       | DL7MAE     | W5OZI      |            | W3AP       |
| AG9S       | N0RR       | HL3IUA     | W7OM       | <b>308</b> | W3LL       |
| G0JHC      | NJ6P       | K4SO       | YO5BRZ     | EA9IE      | W4UM       |
| GM0GAV     | R7NW       | ON7TK      |            | JH4ADV     |            |
| HA5WA      | SP9DWT     | S59Z       | <b>312</b> | K2UU       | <b>304</b> |
| IK4DRY     | UA3LAR     | UA3AP      | DK5WL      | K5ZK       | I4LCK      |
| JA3EMU     |            | UT9FJ      | G3TXF      | K6TA*      | K3WW       |
| JG3QZN     | <b>321</b> | YO9HP      | G3XTT      | LA7JO      | K5EK       |
| K5BG       | CT1APE     |            | HB9AMO     | N4MM       | N4AH       |
| N4PQX      | E72A       | <b>316</b> | JA5IU      | N5UR       | N5AW       |
| PA3FQA     | F6BEE      | AA6YQ      | K2FL*      | SM6CCO     | OK1MP      |
| SP8NR      | JA1XEC     | DL1DUL     | K5KC       | W1TSP      | RA9CMO     |
| W1GL       | JA2JW      | G4PWA      | RX3AGD     | W2RQ       | W3GG       |
| W9RPM      | K1ZZ       | JR3GWZ     | UX4UA*     | W7AO       | YO7LCB     |
| YU1FW      | K4QL       | N7RT       | WK3N       |            |            |
|            | N3NT       | R5AJ       |            | <b>307</b> | <b>303</b> |
| <b>324</b> | N4XM       | W6XA       | <b>311</b> | JR4OZR     | DK1FW      |
| 9A2EU      | NO8D       |            | DL2OE      | K0KT       | F6BLP      |
| K2RR       | UT7UJ      | <b>315</b> | IK4CIE     | K3JGJ      | HA7TM      |
| OE1WEU     | UY5ZZ      | DF3GY      | K2UO       | K3YA       | JR1TNE     |
| OH1TX      |            | G4CCZ      | K9RX       | K4SV       | K2CL       |
| OH2FT      | <b>320</b> | K5DU       | KW9A       | LZ2JE      | N7FU       |
| PY2BW      | EA5BM      | K5OVC      | LA5IIA     | N8TR       | NI0G       |
| R7DX       | G3TJW      | K8PT       | ON4AOI     | NQ1K       | W2LO       |
| RA3CQ      | K1AR       | N8PR       | R7FK*      | OE6DK      | W4DC       |
| SM3NRY     | N0AT       | PY5HOT     | RN3QN      | R9TO       | ZS4TX      |
| SP3IBS     | R9FM       | R3VA       | SP1S       | VE3XN      |            |
| SP6HEQ     | SM5BFJ     | RU3FM      |            | WB8ZRL     | <b>302</b> |
| UX1UA      | UA4LY      | RX4HZ      | <b>310</b> |            | DJ4AX      |
| VE1YX      | WI8A       |            | AA1QD      | <b>306</b> | JA1KQX     |
| W4PK       |            | <b>314</b> | DL5DSM     | DJ8NK      | JF3KON     |
| W8AV       | <b>319</b> | AA4HP      | EI6S       | EI7BA      | K1AM*      |
|            | AA4V       | JA2FBY     | JA1EOD     | JA2JNA     | K1FZ       |
| <b>323</b> | F6AOJ      | JA3PIS     | JA7MSQ     | JH3VNC     | K4UEE*     |
| EA6NB      | I0wdx      | JH2TPI     | JJ2LPV     | JJ3PRT     | K5KLA      |
| HB9BGV     | JA3CSZ     | K5XI       | JO1WKO     | W0VTT      | N4NX       |
| HB9BIN     | K2FF       | K6XT       | K2RW       | WB3AVN     | SM6BGG     |
| HB9RG      | K4IQJ      | OE5KE      | K4XO       |            | UT2UB      |
| IK5HHA     | K4XP       | SM6CTQ     | K9NW       | <b>305</b> | VE7IG*     |
| IZ0AEG     | K6EID      |            | N8RR       | DJ5FI      | W8GC       |
| KD5M       | N9US       | <b>313</b> | VE2TZT     | FK8CP      | WA2VYA     |
| N4XU       | SP5DIR     | DF4PL      |            | G0DQS      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>301</b> | YU3AA      | LY1G       | JH0INP     | JA0GJJ     | LA9AJA     |
| DF2IS      |            | OE5FIN     | K9YY       | K2SHZ      | NN4X       |
| DJ9VA      | <b>297</b> | R6AF       |            | K4CN       | UW2ZM      |
| DK2JX      | AB6QM      |            | <b>289</b> | NK1K       | WA7NB      |
| EA4KD      | AD5A       | <b>293</b> | 9A4W       | RU6L       |            |
| JA2DPC     | DJ9HX      | AD5Q       | CT4NH      | W0MHK      | <b>281</b> |
| K2TE       | DK2GZ      | G4OBK      | JA0UUUA    | W1YM       | AA1ON      |
| K3UL       | EA3GP      | IV3YYK     | JA2IVK     | W4FC       | CT1IUA     |
| K5UO       | F6EXV      | JA0EOK     | JA2XYO     | W4YO*      | K1OA       |
| K9NU       | I1EIS      | JK1OPL     | JA4DLP     | YS1RR      | K3PA       |
| KE9L       | JA1SYY     | K8FL       | JH1IFS     |            | K4NA       |
| N4DB       | JF8QNF     | NI6T       | K0XN       | <b>285</b> | KV7K       |
| OE1ZL      | K9MM       | OH2BLD     | N1AC       | EA1YO      | ON4ATW     |
| SP9JZU     | OE2LCM     | PY7DJ      | N4QS       | EA6VQ      | W7BEM      |
| VE3EXY     | ON4IZ      | VA5DX      | N8BM       | F2JD       |            |
|            | R5DT       | VE6WZ      | OM4EX      | I3BUI      | <b>280</b> |
| <b>300</b> | RA0FF      | W1BR       | SM0CCM     | N5KM       | AF9H       |
| MD0CCE     | YV1DIG     | W3KX       | SM6DHU     | RA1QD      | G5LP       |
| N5DG       |            |            | WA3C       | SP7ITB     | JH4JNG     |
| N7US       | <b>296</b> | <b>292</b> |            | WB6RSE     | K8EUR      |
| OE5NNN     | JS2LHI     | AA6AA      | <b>288</b> |            | N6DX       |
| OE8HIK     | K2SY       | IZ8FFA     | 9A4T       | <b>284</b> | RU3QR      |
| R7AA       | K4MWB      | K1DG       | IZ1LBG     | AD1C       | UR5EDX     |
| RK4FD      | K6ND       | K1LD       | JA2FJP     | G4IUF      | W1ECT      |
| UA9FAR     | LA8PT      | K4ZYU      | JA3AAW     | IW1ARB     |            |
| W1CU       | N0AV       | K9EU       | JF2UPM     | JA7ZP      | <b>279</b> |
| W6YI       | ON4CD      | KC6AWX*    | K9KU       | K1DT       | G4WFQ      |
|            | OZ1AXG     | LA3MHA     | KN5O       | K3WC       | I4KDJ      |
| <b>299</b> | OZ4O       | N5ZM       | R8TX       | K8BCK      | IT9JNR     |
| AC4G       | UA3TT      | SM3VAC     | SP3CGK     | PY5EG      | JA2AAQ     |
| AI9L       | W7DO       | SP5GH      | W1MU       |            | JA4DEN     |
| I0KDF      |            | W2LK       | W7ZI       | <b>283</b> | JA4FKX     |
| K8ZTT      | <b>295</b> |            | W9MU       | DL5WW      | JH1TWT     |
| KC9ARR     | JF7DZA     | <b>291</b> |            | EA1N       | JI2KXK     |
| KZ4V       | ON4IQ      | AB3CV      | <b>287</b> | JF2XGF     | KF0QR      |
| N6JV       | OZ8BZ      | DL5AN      | JA3AZD     | JF7XKY     | W1ZK       |
| RA3QK      | SP6CDK     | EW2A       | JA6BZI     | K0CS       |            |
| WA1JMP     | SV8BHN     | JN7FAH     | KC7V       | K1HTV      | <b>278</b> |
| WA2HZO     | W0YG       | JO7WXN     | KX4R       | K5RT       | CX6VM      |
|            | WA5VGI     | K4HGX      | LA7AFA     | KM1D       | DL4CF      |
| <b>298</b> |            | K5MC       | N8DJX      | RW4NN      | HB9DDZ     |
| F6DAY      | <b>294</b> | N9AU       | N9EN       | SM2OAN     | I6FLD      |
| HB9BZA     | DK5AD      | PY5EW      | OE8RT      | SM5CZQ     | K7SO       |
| JA9FPI     | I1FQH      | RW7M       | SP7HOV     | SM6BZV     | N8LJ       |
| JR6PGB     | IK4DRR     | VE1DX      | W2IRT      | W0FS       | NE1B       |
| K2VV       | IV3JVJ     | W9OP       | W6XK       | WP4U       | SP1MGM     |
| K4HB       | JA0CRI     | W9XY       | WA2UUK     |            | US0KW      |
| N2TN       | JA2EPW     | WT8C       | WS6X       | <b>282</b> | W1UK       |
| N5TY       | JA7QVI     |            |            | 9A2JK      |            |
| SM3NXS     | JA9LJS     | <b>290</b> | <b>286</b> | DK3DG      | <b>277</b> |
| SM4DDE     | JA9PPC     | AJ1H       | A45XR      | DL9TJ      | DL6KR      |
| W1RM       | K2PLF*     | JA2ZL      | AA9A       | G3WPH      | JA3FGJ     |
| W9IXX      | LA2XPA     | JA4MRL     | IK0XBX     | K8YSE      | K6YRA      |

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| KA9CFD     | JA1ANR     | SM5JE*     | JE8BKW     | W8UV       | EA5AT      |
| LU2NI      | JA1SJV     | W4OX       | JR3OEH     |            | JA5BLB     |
| SM5FUG     | K1NU       | WB5JID     | K7EG       | <b>258</b> | K3SV       |
|            | UN6T       |            | KP2A       | AB9V       | K8TL       |
| <b>276</b> | W1TYQ      | <b>267</b> | N4QQ       | DM2DXA     | N3QE       |
| AB4IQ      |            | F4BKV      | NT0V*      | K2AZ       | VE7AHA     |
| EA2IA      | <b>271</b> | HA9PP      | SK3PY      | KR4F       | W7LR       |
| K3KO*      | DJ5AV      | HB9DDO     | SK7AX      | R9SA       | WD8PKF     |
| K8WK       | JE1SYN     | JE2LUN     | UN9L       | W4FQT      |            |
| OE2BZL     | K5XX       | K1FK       | W6RLL      | W6VX       | <b>253</b> |
| W5TCX      | K7XB       | K4JJW      | ZS6EZ      | W8LGJ      | CT3MD      |
|            | N9UA       | K4JLD      |            |            | DF2GH      |
| <b>275</b> | VE3BW      | K8BN       | <b>262</b> | <b>257</b> | DJ4XA      |
| 4Z5MU      | VK3QI      | ON4GG      | EA6ET      | E72U       | EI6FR      |
| G4GIR      | W6TMD      | OZ3SK      | JA3ENN     | I2TZK      | JJ3HGJ     |
| JE1PNX     | WN6W       | W4YV       | JA9NLE     | K2TK       | K1LPS      |
| JE7RJS     |            | WB4TDH     | K3KY       | K3LR       | K1LT       |
| K0JUH      | <b>270</b> |            | KD6WW      | K5WK       | K3JT       |
| K3MSB      | IZ8XQC     | <b>266</b> | NY0V       | K9IR       | K8GI       |
| N5FG       | JA2THS     | DL7BA      | UT7UV      | NA2M       | KE9ET      |
| ON4ACG     | JA4FHE     | EA3WD      | WF4U       | W0EWM*     | W6RW       |
| SM4CTT     | JD1AMA     | JA0DIN     | WO2N       | W0GJ       |            |
| W1KSZ      | K0DEQ      | JA4IYL     |            | W6UC       | <b>252</b> |
|            | K1NTR      | JL1ARF     | <b>261</b> |            | DL8OH      |
| <b>274</b> | K5FUV      | KD0Q       | G0OIL      | <b>256</b> | EV1R       |
| CT1BH      | K5PC       | N5OK       | JH7IAJ     | AC6HY      | JA7MA      |
| EA5RM      | N3KV       | ND0N       | K2NV       | G3VKW      | JF6DSZ     |
| I1JQJ      | W5AJ       | SP8FNA     | K8VC       | IK2QPR     | K1GG       |
| JE7ETY     | W6SR       |            | K9XD       | JH9AUB     | K3ND       |
| N1RR       | WS9V       | <b>265</b> | W7MO       | K5GKC      | K4FJ       |
| N6ET       |            | AJ3K       | WE9R       | K7BG       | K7LJ       |
| RW3RN      | <b>269</b> | HB9HFN     |            | K7NN       | N5UL       |
| W3DRY      | JA4PXC     | JA6LCJ     | <b>260</b> | LB8DC      | N9BX       |
| W8TE       | JF1UVJ     | K0TT       | JF3LOP     | N5GH       | NU8Z       |
|            | LA7HJA     | K4TT       | N7NG       | NA5C       | RU1AO      |
| <b>273</b> | NX0I       | K6SIK      | RM0F       | W2FCR      | W1YIF      |
| AA5AM      | VE3FF      | K9MK       | W5LT       | W5ZG       | W5CIA      |
| DK2NG      | W2SM       | N7XR       | W5XC       | WO7R       | W6NWS      |
| DM5EE      | WB9CIF     | W9YSX      |            |            | WA8WV      |
| HB9LCW     |            |            | <b>259</b> | <b>255</b> | ZS1LS      |
| IK6GPZ     | <b>268</b> | <b>264</b> | IZ8VYU     | EW4M       |            |
| JA1HQT     | AG4W       | EA5BY      | JA2KVD     | IK0HBN     | <b>251</b> |
| JA8ISU     | DL5ZB      | HK3W       | JH1ORA     | JA9NFO     | G0EHO      |
| NV9L       | DL6ZXG     | JH1NYM     | JL1UXH     | JA9TWN     | JA7JWF     |
| RN3CT      | EU1KY      | K9US       | K1BD       | JP1IOF     | JF1WPB     |
| SV1DPI     | IK7JTF     | N7KA       | K2LS       | LA3WAA     | N7GR       |
| W7WM       | IV3GOW     | SM0NJO     | LA5LJA     | SM4AZQ     | PY2RO      |
| W9AJ       | JA2BDR     | SP1JRF     | N2TU       | UN7LZ      | SM4EMO     |
| WD5K       | JI4POR     | WX0V       | NM6V       | W4WM       | SV1JG      |
|            | K4SE       |            | SM6CUK     | W8OI       | W3GQ       |
| <b>272</b> | KB0EO      | <b>263</b> | SV2AEL     |            | W7KW       |
| AH7C       | MM0EAX     | CT1FMX     | UN7JX      | <b>254</b> |            |
| EA3JL      | N7RO       | CU2DX      | W8HW       | DJ5JH      |            |

|            |            |            |            |            |            |
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| <b>250</b> | GM3PPE     | IZ8DFO     | JA1IZZ     | N5ORT      | JG1WSC     |
| HB9CXZ     | IK3SWB     | JA1WSK     | JA3DY*     | NE0U       | JI1DHY     |
| JA1MRM     | IW0SAF     | JG0CQK     | K2SX       | PY2KP      | K0CA       |
| JA5XAE     | JA3GN      | JM1FHL     | K7SP       | SM7HCW     | K0KVR      |
| JA6BJV     | JA3MNP     | K1LI       | K8ROX      | W0TT       | K1EFI      |
| K1HT       | N4TJ       | NO2R       | KB1JZU     | W7/DL1UF   | K4XR       |
| K1VW*      | N6UC       | NW7E       | LB6KC      |            | KS1J       |
| K5JZ       | UR3EO      | PY2SP      | N1EN       | <b>234</b> | N5JB       |
| K6FG       | WX0B       | PY2XU      | N9RS       | DO4DXA     | PC3T       |
| K8NVR      |            | SP5IWA     | VE7DX      | IZ5MOQ     | RD3AW      |
| RN9N       | <b>245</b> | W1YW       | WA2NPD     | JH3CUL     | SM7IUN     |
|            | DL1DA      | W8HC       |            | K1ESE      | VE7JO      |
| <b>249</b> | DL5EBE     |            | <b>237</b> | SV1ACK     | W5ODD      |
| 4O3A       | JA7MOL     | <b>241</b> | BH4QYX     | W7ZJ       | ZL2IFB     |
| AA4R       | K0II       | CT1GFK     | G3KMQ      | WA9PIE     |            |
| DF2RG      | K3RA       | CU2AP      | JA2VQF     |            | <b>229</b> |
| DL5CW      | PY4OY      | G3KWK      | JA9AGN     | <b>233</b> | HB0CC      |
| IK5DNF     | RU6M       | JA0DWY     | JE2OVG     | AA7G       | JA1XAF     |
| IZ8FWN     | SM4BNZ     | K2PK       | K1RO       | AJ6T       | JE1BMJ     |
| K0BJ       | W2KKZ      | K9OT       | K4EM       | JI8DGO     | JH8GYP     |
| K4XI       | W2WG       | W4BP       | K8FH       | K2UR       | JR2LJO     |
| K6AM       |            | WB9EEE     | KG6I       | K4WA       | K7BV       |
| KF8UN      | <b>244</b> | WO2T       | N1ZZ       | K9FN       | K7WP       |
| N9FN       | DF3UB      |            | N5XZ       | KQ3F       | KB1EFS     |
| RD3A       | EI9FBB     | <b>240</b> | OE3EVA     | KT1V       | KT8X       |
| WA9CVK     | JA9APS     | AF4HX      | PA3EWP     | LA5YJ      | N7QT       |
|            | K4XD       | F5LVL      | W4ABW      | N8BJQ      | OE6CLD     |
| <b>248</b> | K6KO       | IK4PLW     | W7CT       | RA3SS      | WB8B       |
| AA4MM      | SV3DCX     | JE7JDL     |            | SP6A       | WJ4T*      |
| DK3WW      | W0AIH*     | K5TA       | <b>236</b> |            |            |
| DK8MCT     |            | KB8VAO     | AD8P*      | <b>232</b> | <b>228</b> |
| F6GCP      | <b>243</b> | NS6C       | DL1AP      | DL1DUO     | DL6UAA     |
| HB9DHK     | 9A1AD      | ON4ON      | EC3A       | F3SG       | EA8BYR     |
| LB2TB      | I2EOW      | VE3VHB     | I0JBL      | JJ1DWT     | F5PAC      |
| W1VT       | JA1GTF     | W2JU       | IZ3ENH     | KI5BLU     | I5HOR      |
| W9OO       | JH1AJT*    | W5ADD      | JA7QFU     | LA0FA      | IK0AGU     |
|            | JS3CTQ     | W8TN       | JN1RQV     | NX7K       | IZ8GGF     |
| <b>247</b> | K0VSH      | WA3AFS     | JR1BAS     | RL3FA      | JE2DZC     |
| AA1AC      | K6SRZ      | YO2DFA     | SM3CBR     | S54A       | JH4HMG     |
| DL4SZB     | K9JF       |            | SM5CAK     |            | K2KA       |
| F5CQ       | K9MBQ      | <b>239</b> | W1ZT       | <b>231</b> | OZ7OP      |
| IK8EPC     | KK4CB      | G3VPW      | W2XI       | 9H1SP      | W4HG       |
| JA1FQI     | LA2QM      | JA9FAI     | WE0Q       | IZ0RVI     |            |
| JA1RTX     | N4GN       | JN1BMX     |            | K1USA      | <b>227</b> |
| JA3APL     | N5LZ       | K5ZD       | <b>235</b> | K1ZE       | IK4FNF     |
| JA8RJE     | N5TW       | N3MN       | GM3YOR     | K3VAT      | JA2CXF     |
| JE1LFX     | N8OC       | SM5OJH     | JA7LMZ     | K4PB       | JF1IRW     |
| K9OW       | W0DJC      | TF3SG      | JL1RUC     | W0LS       | JH2SON     |
| RA5BM      | W7SX       | UX5UO      | K7PI       | W1TO       | K0BBC      |
| WA6F       | W8DCH      | W5FI       | K9YC       | W6TC       | K3SEW      |
|            |            |            | KQ8M       |            | K4JAF      |
| <b>246</b> | <b>242</b> | <b>238</b> | LU3CQ      | <b>230</b> | K4RO       |
| E73Y       | EA3GHQ     | G0BLB      | N5MOA      | JA6VQA     | K5TT       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K6KLY      | JH1HHC     | N4TV       | K6RO       | YB0COU     | IZ5JMZ     |
| N4PY       | K5OT       | N6HC       | OH6NIO     | YO3CD      | K7ORK      |
| OZ1LCG     | K8JJC      | OE1AZS     | SP6M       |            | KJ9C       |
| RN8W       | N1IBM      | OH1ZK      | W1RR       | <b>213</b> | KT2E       |
| SP8HKT     | RM3DA      | PA3CSR     | W6AUG      | DK3UA      | N2NS       |
| VE3CRG     | VE3CFK     | W0VX       | W6RKC      | DK7YY      | N9JV       |
| W0CP       | W1LW       | WB3JFS     | W7HPW      | DL1SDH     | W8MET      |
| W1SKU      | W8CZN      |            |            | EA7SG      | WA5POK     |
| W3JX       | WA4LOX     | <b>220</b> | <b>216</b> | EW1BA      | WB5XX      |
| XE2X       | WB7B       | HS1NGR     | AB5C       | JA7KY      |            |
|            | YL2KF      | JA1PTJ     | HB9TKS     | K3OX       | <b>209</b> |
| <b>226</b> |            | JA5BEN     | IV3DXW     | K5WAF      | AC4TO      |
| AE5E       | <b>223</b> | JE2LPC     | JA2NDQ     | N8II       | AE0P       |
| EA3CJ      | EA1DLU     | JH1QAX     | JK3BLD     | SP7CVW     | CT1FPQ     |
| EA7TV      | EU1U       | JR7WFC     | K8QM       | VE7SZ      | DM1TT      |
| F6FXU      | JA7BWT     | K1YR       | LA9VFA     |            | HB9IQB     |
| JA4ITW     | JE3ENP     | N4EFS      | N4ONI      | <b>212</b> | JT1CO      |
| K0MN*      | JH4ALY     | UN7TW      | SM0BYD     | HB9SLO     | K4WM       |
| K2EK       | JH7RXU     | W7YAQ      | SM3LGO     | JH1BNC     | K9TF       |
| K4ZIN      | K3ANS      |            | UT3UZ      | JR3HZW     | KG9Z       |
| N7IR       | K7LV       | <b>219</b> | W0DD       | K4EA       | KJ6NZ      |
| NE3F       | K9RT       | JA2TBS     | W0SZ       | K4ZO       | N3KS       |
| PY2NQ      | N8PW       | JH8RZU     | W5VQ       | K7VV       | N4XP       |
| W8KEN      | SM5CBM     | JR6FC      |            | K7WJB      | RU1AB      |
| W8WEJ      | UR5FEO     | K5VIP      | <b>215</b> | N7UN       | UA3ECJ     |
| WB8BPU     | W0HBH      | KE9I       | 5B4AHJ     | NN4SS      | W3OOU      |
|            | W5VX       | KI0KB      | DJ9RR      | RD3BD      | W4ZX       |
| <b>225</b> | W6SL       | N0KV       | DL1SMA     | SV1GRE     | W5SL       |
| DJ9ON      | XE1VIC     | N2DPF      | HB9CEX     | W4VIC      | WB8ZRV     |
| I8JIT      |            | NA5DX      | K1GE       |            | ZL2AL      |
| JA2FBC     | <b>222</b> | W8RLS      | K6FW       | <b>211</b> |            |
| JA6BEE     | DL6JZ      |            | K7ZA       | CT3DL      | <b>208</b> |
| JA8DRK     | EA5RU      | <b>218</b> | KA8SYV     | JH4CPC     | CT1EAV     |
| JH4PMV     | HB9AAQ     | CT3HF      | KD0PO      | K0LUZ      | EA1RT      |
| K0SD       | HL2WA      | JA2AHH     | KF6HI      | N2LM       | EA8AXT     |
| K9MMS      | IZ8IEV     | JH0BQX     | KX2A       | N4AA*      | GW3SFC     |
| KD3CQ      | JH1OBS     | K1XM       | LA7WCA     | N4HB       | JA0DET     |
| KU0A       | K5PS       | K4MS       | N1GC       | NR4M       | JA1NWD     |
| N2JJ       | N2BJ       | KS3F       | N2WB       | PA7TWO     | JA6WJL     |
| N8KOL      | N6MZ       | N3RC       | PA0ZH      | PE1L       | JH6JMN     |
| OH2IS      | OE8SPW     | S55DX      | W1AX*      | PY2MC      | K7ZD       |
| OZ2RH      | ON4CAS     | W5FKX      | W9ILY      | RX4HW      | K8KS       |
| RU3A       | W3BW       | YL2TW      |            | SM5AOG     | N2WLG      |
| UA0BA      |            |            | <b>214</b> | W0AWL      | N7TY       |
| VK3HJ      | <b>221</b> | <b>217</b> | DL6MRS     | W1AO       | ON6AA      |
| W2GG       | A65BR      | DS1JFY     | E70T       | W1WC       | RQ3A       |
| W6BJH      | AA5AU      | JA1GRM     | IK2ANI     | W6SZN      | UA3FF      |
|            | G4XRV      | JA3LDH     | JA1OND     |            | UW7UA      |
| <b>224</b> | IK0PEA     | JA5FBZ     | K9NR       | <b>210</b> | W2OO       |
| AI2Q       | JA2HYD     | JA5JUG     | RU0SN      | AA8OY      | WL7E       |
| DS5RNM     | JR6LLN     | JE2EHP     | W2AY       | BH4IGO     | YB5QZ      |
| HB9BUN     | KF7PG      | JR2UBS     | WB8CQV     | DJ5DT      | ZS6KR*     |
| JA8EKG     | N4RWG      | K6DT       | WB8K       | EI9JF      |            |

| <b>207</b> | W5DAW      | K8YTO      | <b>197</b> | SM5CLE     | <b>191</b> |
|------------|------------|------------|------------|------------|------------|
| HB9BAT     | WA0I       | N0RN       | JA3CMD     | SM5ENX     | JA1PMN     |
| IV3TDM     |            | NN4R       | JI4WAO     | TI5RLI     | JH6PFY     |
| IV3VBM     | <b>204</b> | OE3SGU     | K4CMS      | VK3BDX     | K0GY       |
| IZ2EWR     | AI6Z       | TI5KD      | K6EME      | VU2CPL     | K1TO       |
| JA5WIZ     | JA0NZR     | W6AEA      | K6UT       | W4RDX      | K7FL       |
| JG4AKL     | JA8JO      |            | K7UR       | YO9FNP     | K9OR       |
| JK1GOK     | JH4FEB     | <b>200</b> | KD6UO      | ZS1A       | KF0LA      |
| K1KA       | K5VWW      | EA1AF      | KZ0X       |            | KM4H       |
| K1KO       | KB2FCV     | HK1MW      | LU8EKC     | <b>194</b> | N8NN       |
| K4JPD      | KV4FZ*     | JA2XCR     | N0AH       | JH4ADK     | NX1L       |
| K4YYL      | LB5WB      | JA4XH      | N1RK       | JI1NJC     | WC1M       |
| K7UT       | N4LR       | JA7JI      | N3OC       | K4RG       | ZS6WB      |
| KA7T       | OH8NW      | JE2RDO     | N7HN       | M0CSD      |            |
| LA2PA      | SV1VS      | JH0RVY     | NA9RB      | N1PM       | <b>190</b> |
| N1QY       |            | JR7FRW     | NE8P       | W5CWQ      | AD6W       |
| RU9UC      | <b>203</b> | K0KG       | NG0T       | W6ENZ      | EW3CW      |
| W9EWZ      | DJ3GW      | K7ZBV      | PZ5RA      | YT2AA      | JA2KSP     |
| WS5W       | HA7UW      | K8ZH       | R9MJ       |            | JA8XQI     |
| WW2DX      | IK4HPU     | K9ALP      | W2OIB      | <b>193</b> | JJ1SKG     |
| XE1KK      | JA3MHA     | N4MHQ      | W5VY       | AC9EM      | JR1MLU     |
| YO2RR      | JE6TSP     | R3IS       | W6KK       | F5PBM      | K4MZ       |
|            | K2AX       | W2CG       |            | IK0LNN     | KU4BP      |
| <b>206</b> | K3GT       | W5GZ       | <b>196</b> | JR4LNG     | N6GP       |
| AA5AT      | K3OSX      | W8WRP      | G3SVD      | K1BZ       | N7BT       |
| AB0CT      | K3XA       | WZ8P       | JA1VLK     | K6UM       | N9SF       |
| JA1FNO     | N6HY       | XE1H       | K2BA       | K9GA       | OZ8SW      |
| JG3LGD     | SV9COL     |            | K4CM       | KA1ERL     | SP3EPG     |
| JK1EXO     | VE6LB      | <b>199</b> | K5FNQ      | N1JP       | UA0FO      |
| K6NR       | VE7UF      | EI2GLB     | K8BL       | N5UW       | VE3YF      |
| K9ZM       | W8KA       | I4MKN      | KQ4AV      | NA2AA      | W7SLB      |
| KA1J       |            | IK5RUN     | PY1OL      | ND5S       | WE1P       |
| W0RX       | <b>202</b> | K2XF       | UT7KF      | PA0JSE     |            |
| W1NA       | IK0HFO     | KJ6P       | W2GW       | SM4CTI     | <b>189</b> |
| W2QO       | JA8BNP     | ON5UE      | W2YE       | SM7BHH     | AA4NC      |
| W7AL       | K1NJ       | SM4BZH     | W3RJW      | SP5ES      | CT3KN      |
| W7NN       | K2FW       | UA0SC      | W7AH       | W5WP       | JA1DM      |
| W9JJB      | K6YUI      | W4MAY      | ZL4AS      |            | K1ZN       |
| W9YE       | LA6UL      | WA4CEM     |            | <b>192</b> | K2QMF      |
|            | N4TL       |            | <b>195</b> | AE6Y       | K8TVD      |
| <b>205</b> | N5BO       | <b>198</b> | A92BE      | I2YWR      | K9GWH      |
| JA0AOO     | PY5CC      | AK1N*      | AA8LL      | JE8TGI     | NI5F       |
| JA2ATE     | SM3PZG     | DF7EE      | AC6T       | K1IT       | PA5TT      |
| JA7LGE     | W5BPT      | K0DEW      | DS5TOS     | K6PJ       | PY2VA      |
| JA8EJO     | WD9DZV     | K5GH       | HB9DOT     | K8UT       | RA3QUA     |
| K1KI       | WW3S       | KL0S       | HK4SAN     | N8SNM      | SM2DMU     |
| K2MYR      |            | NA4EA      | IZ2FOS     | W4GIW      | SP6JIU     |
| K5QX       | <b>201</b> | SP1DSZ     | K1UU       | W4RFZ      | W0YK       |
| K6ZZ       | I2MQP*     | UA3O       | K4MF       | W5ZO       | W1EQ       |
| KA8ZPE     | JA1LSP     | W2PS       | K4OY       | WA1S       | W2LE       |
| KU4XO      | JE1CTA     | W3OA       | KX4TT      | WA4BIM     | W5KFT      |
| RT0F       | K1JIU      | W9PZT      | N1NY       | YO3DDZ     | WT3Q       |
| W1SSN      | K6TAR      | WD4LBR     | NA2P       |            | YL3DQ      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>188</b> | W4SK       | JQ6RUP     | NA5Q       | JA4DHN     | JH1AGU     |
| 7K1PTT     | W5PF       | K8AJS      | SV1BYI     | JE8CLT     | JM1BPP     |
| CT1FCX     | WA7TZY     | NA2U       | SV2DCD     | JR5JAQ     | K3EA       |
| HB9CQK     | XE1J       | R0FA       | W4UCK      | JR6GIM     | K3XO       |
| JA1SKE     |            | R9JX       | W5WQN      | K5UZ       | K9HQH      |
| JA2FGL     | <b>185</b> | W3ABT      | WK7E       | KA2CYN     | N3ND       |
| JH1APK     | AD7L       | W6JTI      | XE2CQ      | KD2T       | N6RV       |
| JH4GJR     | DK4TP      | W8IQ       |            | KE4UW      | PA2TMS     |
| K0TV       | DL8PG      | WA4TII     | <b>179</b> | LA8HGA     | SV3KH      |
| K5FZ       | EA1KK      |            | CT1BWU     | NT2A       | SV9AHZ     |
| K7WE       | EW1P       | <b>182</b> | DH0GSU     | RA9SC      | TZ4AM      |
| K8RRT      | JR3UIC     | EA1JO      | DL2CHN     | VE3OI      | W2KA       |
| KA4RRU     | JR4VMS     | F6DBX      | F6ECI      | W8OP       | WA4JQS     |
| LA6OP      | K1RV       | I5OYY      | IW3GJF     | WB4YDL     | WB2WPM     |
| N0RB       | K8RYU      | IK4AUY     | IZ2AMW     | WD9Q       | WY1G       |
| SV1FKZ     | KK1W       | IK5ZUK     | JA8UIV     | WQ7B       | ZL3JT      |
| W4GE       | N7WS       | K7UA       | JF1RYU     |            |            |
| W7IV       | NA2X       | KE1F       | JG3SKK     | <b>176</b> | <b>173</b> |
| W8FIB      | W3MR       | N9ISN      | JH1RFM     | CU2CE      | DS4AOW     |
| ZP5JCY     | W5QM       | ND3F       | K7ACZ      | K0GD       | JA5NPV     |
|            | W8HB       | NW6S       | KA6BIM     | K1RI       | JM2RUV     |
| <b>187</b> |            | NY2NY      | KD8RQE     | K4VIG      | KI4GE      |
| DL1HRN     | <b>184</b> | OH3OJ      | KR2Q       | KB4MRX     | KJ7M       |
| EA2AFV     | AK1L       | SM7GIB     | N7TR       | ON6YH      | KK4OK      |
| IT9BLB     | DL1TRK     | W1PX       | W2WC       | PY2WC      | N5WA       |
| JA2VMU     | EA4CQT     | W5DNT      | W5GAI      | VE7VV      | N6ZN       |
| JG8FWH     | HB9DHG     | W6RS       | W7HR       | VU2NKS     | NJ3K       |
| K1CA       | IT9GSF     | ZS2DL      | YO4DW      | W3FI       | NY3C       |
| K3PP       | IZ5RVG     |            | ZL1BYZ     | W3TN       | SM6CLU     |
| K4WZ       | JA6CBG     | <b>181</b> |            | WA1FCN     | W3BJ       |
| K8DV       | JA6TMU     | AA4DO      | <b>178</b> | WA1PMA     | W8LMG      |
| OH1JP      | K3GGN      | DL9FCY     | DS3HWS     | ZL4TT      | WA4DOU     |
| OM7CA      | K5KG       | EI2JD      | I0MWI      |            | WF4G       |
| VE6SV      | K8NK       | JA9CWJ     | IV3TMV     | <b>175</b> |            |
| W2/CT1GIF  | KI4DLS     | JH1ROJ     | JA1OVD     | JA1DOT     | <b>172</b> |
| W4LSC*     | N2RJ       | JK1BSM     | KM6HB      | JA1IOA     | E21EIC     |
| W8GNM      | SM5FWW     | K0MD       | N0AMI      | JA8LRG     | IK2SGB     |
|            | W1UE       | SV1IW      | OE2SCM     | JE2HCJ     | IW1QN      |
| <b>186</b> |            | SV2DGH     | RW4CY      | JH1DGQ     | JA1JAT     |
| G3NDC      | <b>183</b> | W0GG       | SV1FJP     | K4BYN      | JH7BKN     |
| IK5CBE     | 9K2OD      | WB2AA      | VE6AX      | KW4MM      | JL3JTD     |
| JH2AYB     | DJ5IO      |            | W5QP*      | N6PAT      | K4WNW      |
| JH4CBM     | DL1KUR     | <b>180</b> | W9FI       | SM5CZK     | KY6R       |
| JN1GTG     | EA3GHZ     | 4Z4DX      | WA5IPS     | SM7NDX     | KZ1W       |
| JR1BLX     | EA8RR      | DL6CNG     | WF2S       | VK2DX      | N0OK       |
| JR7MAZ     | F3AT       | EC1A       | WP3R       | W7CD       | N4JT       |
| K2XB*      | GU4YOX     | HL3GOB     |            | WT4Q       | N5ET       |
| K3FRK      | HB9BXE     | I0OSI      | <b>177</b> |            | N6RK       |
| KQ4EE      | HI3T       | JA4VUQ     | AA6RR      | <b>174</b> | OZ7FOC     |
| NE0DX      | IK5PWN     | JA6GIJ     | CT1ESO     | EA8AKN     | W1NT       |
| OZ8RO      | JA1DOF     | JA7IC      | I8LWL      | IZ5BAM     | W2FV       |
| SM3PHM     | JA1FJJ     | K0LU       | IK0EFR     | JA7SFD     | W2NO       |
| W1ITU      | JA8NFV     | K2CBI      | IK8YTA     | JE8LWZ     | W3MF       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W4DAO      | W9DX       | <b>165</b> | JA8FFM     | W6YOO      | DL9DRA     |
| W4WJ       |            | JF3PNQ     | JI2EMF     | W8CD       | E70A       |
| W8JRK      | <b>168</b> | K5CR       | K7JH       | W8HMK      | IT9AAI     |
| WV4TN      | DL2NOM     | LX1KC      | NC4RB      | WA8MCD     | JA1SHE     |
|            | EA5OX      | N2GZ       | NY4G       | WD0DAN     | JA2ITK     |
| <b>171</b> | I8DVJ      | N3NR       | OZ5NJ      |            | K5CD       |
| DL7JRD     | IZ4DPV     | N6PSE      | VK6LC      | <b>160</b> | LA2GH      |
| IU0LFQ     | JA2FSM     | OK2BUZ     | W5GA       | AB4UF      | N4QM       |
| JA1QIW     | K1ACL      | SV1GYG     | WA2UKA     | DL7UPN     | R7LP       |
| JH1WJR     | K1EO       | VK4CAG     | WA8JBG     | F9XL       | RU3UR      |
| JK1UVP     | K7HC       | W2YR       | YO3AIS     | JA0GCI     | W1GQ       |
| K9RR       | N0ABA      | W5JMW      |            | JA1MZL     | W1YRC      |
| KU2A       | N1NK       | W6DR       | <b>162</b> | JA5PUL     | W2RA       |
| N4UOZ      | N8AGU      | WA0SXV     | E73D       | JA7XBG     | WO3Z       |
| N6UK       | NF1G       | WA4VA      | IT9DAA     | K2HAT      | WS1L       |
| S57AT      | SM4OLL     | YO2CMI     | JA2NQG     | KI4WCQ     | XE1MEX     |
| W4CCS      | SP5MXZ     |            | JA7BEW     | KW4V       |            |
| W4NJ       | W7WZ       | <b>164</b> | JK1AJX     | N2BT       | <b>157</b> |
| W9BEA      | WA4AFE     | DJ1TO      | K2AT       | N3RR       | 4X6ZK      |
|            | WE4S       | DL5XL      | K4JKB      | N3XM       | AJ4A       |
| <b>170</b> |            | EW1KP      | K4MM       | ND6G       | G4AFJ      |
| EA2AA      | <b>167</b> | HA5BSW     | K5RJ       | TA1CM      | JA0KJD     |
| JA3MF      | AA7XT      | HA5WG      | KT2C       | W0KCJ      | JA2EJI     |
| JA3RQ      | DL6LIM     | IV3BKH     | LU2AH      | W1OP       | JF2WGN     |
| JA6SRB     | I0KRP      | JA0LFV     | N9OY       | W6CUA      | JR4VEV     |
| JE1PHH     | JA5BGA     | JE2UFF     | W2OR       | WW4LL      | K2CDJ      |
| K9SG       | JA9CG      | JE3CYW     | W6WA       | YB1UUN     | K4YJ       |
| KD1F       | JH1APZ     | JF1LZQ     | W8PC       | YO4AUL     | K7LFY      |
| KE1VT      | JH1IED     | JH1RGG     | WA5LFD     |            | K8WVA      |
| KH2L       | JL2JVX     | JH2HFD     | WW1N       | <b>159</b> | LA5SJA     |
| N4OA       | KQ1F       | K0TPP      |            | 9M6YBG     | N0VVV      |
| N5ZC       | LU2CC      | K4AV       | <b>161</b> | F5NBX      | N4DWK      |
| N6NU       | N4AL       | K4JC       | AA3LX      | HB9DDM     | OZ4VW      |
| N7KO       | PY2DS      | K4KGG      | E74A       | HB9EFK     | UA4PK      |
| NO9E       | R5QA       | K9UQN      | JA1BPA     | HB9RYZ     | W4PV       |
| OZ1IKY     | RA3LAL     | KA9OKH     | JA1SDV     | HC1BI      | W5PJR      |
| W4HZ       | RL3AA      | KK4OW      | JH0NOS     | JH1IAQ     | W7RN       |
| W5JAY      | W7JY*      | LU2DSL     | K3MD       | K2TA       | W8BBQ      |
| WB6JXJ     | WA8CDU     | N4ZY*      | K4HMB      | K3WGR      | W9MO       |
|            |            | N8PCN      | K8CC       | K5RA       | ZP5ALI     |
| <b>169</b> | <b>166</b> | OE2GEN     | KC6X       | LZ2JF      | ZS2EZ      |
| AB2E       | DL3KZA     | PA0TCA     | N3HBX      | N6MA       |            |
| G3WGN      | G3UAS      | RA3BL      | N6IE       | SP6AXW     | <b>156</b> |
| IK5MDF     | G3WW       | SM6WET     | N6TR       | W7VY       | CT1DKS     |
| K1JD       | I2DMI      | VE1OP      | N8NA       | W8IW       | DK0EE      |
| K2RET      | IZ4DIW     | W1JA       | NA5Z       | XE1RBV     | JA1QGC     |
| K3PU       | K8ME       | WB1S       | OE3KLU     |            | JA3BXF     |
| K8OM       | KN6KI      |            | SM0DSF     | <b>158</b> | JA5BZL     |
| KT1J       | KR0P       | <b>163</b> | SM5ARL     | AA4FU      | K2RU       |
| N6PM       | SP5JXK     | DL1QQ      | W1LY       | BA7IO      | K6XN       |
| ON4ANN     | WA0RVK     | FG5FR      | W1OPD      | CU3EQ      | NK0S       |
| UN3GX      | WB7QXU     | FG8OJ      | W4KA       | DL4NBE     | SP5ELW     |
| W7MEM      | WC4B       | IW0BYL     | W5VU       | DL5KUA     | VK3NX      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W2FK       | RD9M       | W0LYI      | K8MN       | K4WJ       | LX1CW      |
| W3FOX      | RT5A       | W1MR       | KK9H       | K4WY       | N4PYI      |
| W7CA       | SM5BEU     | W1NK       | KS4S       | K7CMZ      | N5CQ       |
| WB2AQC     | SP6EIY     | W3NS       | N0STL      | KB6CIO     | N7JB       |
| WB8BZK     | UT6UA      | W4NZC      | N6WT       | N4NW       | NG0G       |
| WM0X       | VR2MY      | W4TNX      | ND0F       | N6IG       | SP3F       |
|            | W1AW       | W7FI       | NU4I       | VE1VOX     | VE3UTT     |
| <b>155</b> | W2UB       | W9JA       | NZ2L       | W8WFN      | W0MS       |
| 5T5PA      | W3KHZ      |            | SM2GCQ     | WB2HJV     | W2JLK      |
| 9A1A       | W4UEF      | <b>151</b> | VE3EK      | WB3LHD     | W5RF       |
| AA8R       | W6NK       | AA4DD      | W1JGS      | WS1E       | W6OUL      |
| AH0U       | W7IUO      | DM2RM      | W9GXR      |            | W7TSQ      |
| IT9ODQ     | W8MHW      | EA7OH      | WA4MME     | <b>147</b> | W9MJ       |
| JF7RJM     |            | EI3IO      | WB4JTT     | AD6ZJ      | W9MR       |
| JH1ACA     | <b>153</b> | GM0AXY     | WV2I       | DK6OR      | W9ZCL      |
| JH1VHU     | 7K3QPL     | HL2KV      |            | DL6KY      | WA2USA     |
| JR1DUP     | AA9GR      | HP2AT      | <b>149</b> | EA5BZS     | WB0O       |
| K2DC       | EB3CW      | IK7FPV     | AL7TC      | IK4HLO     | ZS6UT      |
| KR6C       | G0VXE      | JA6COW     | HB9DQV     | IZ0BTV     |            |
| LA2RZ      | IW0HQE     | JH3FHQ     | HI8RD      | JH8BOE     | <b>145</b> |
| N1MD       | JA0NPQ     | K4ST       | JA0LXP     | JI6IHG     | AA0KA      |
| N3IQ       | JA1QOQ     | KD4OS      | JA1ADN     | K2CYE      | DL2RD      |
| N4IG       | JA2BUR     | KM1C       | JA1SGU     | K3PT       | DL9GTB     |
| N8AYY      | JA7GYP     | N2ZZ       | JA4ZA      | KB1W       | EI6IZ      |
| N8WRL      | JH3HTD     | N4HID      | JH1DGJ     | KD7H       | F4FLF      |
| NX8Y       | K1YT       | N9DR       | JK1TCV     | LA5XGA     | G4FTC      |
| PA7RA      | K4EU       | N9XX       | K0KP       | N7MQ       | HL4CJG     |
| RN3QO      | KH6AT      | NF4A       | K1PL       | N7TP       | IK8GJR     |
| SV8LMQ     | N2FF       | UA1CEI     | K8AV       | OH4UI      | IW0HOU     |
| VE3UZ      | N4TOL      | VA3XQ      | KM2E       | UN3G       | IZ4MJP     |
| W0NFL      | NA6O       | VK2GR      | N2SQW      | VA3IC      | JA4EVN     |
| W2HUG      | OZ7DN      | W2YK       | N7MB       | VE3YXO     | JA6GPR     |
| W4HOG      | SM6AOU     | W4WW       | NX2X       | W1WEF      | JR3XUH     |
| WK4Y*      | VE1DUN     | W8VVG      | ON5TW      | W2TB       | K1DJ       |
| WO9S       | W5ZPA      | WA0ROI     | W5LO       | W6BK       | K4WES      |
|            | W8MIL      | WN9O       | W6RFF      | W7EYE      | K4ZNC      |
| <b>154</b> | W9GE       | YO6HOY     | W6ZO       | WF5E       | K5EWJ      |
| DK3BK      | W9SE       |            | WA2MZX     | WS1F       | K8SIA      |
| JA4HAW     | ZL3RJ      | <b>150</b> | WW1WW      |            | N3MK       |
| JH7LBE     |            | AA4FL      | YB2TX      | <b>146</b> | N4UFP      |
| JI1WLL     | <b>152</b> | AG1A       |            | DD0VU      | NA6MG      |
| JJ1BMB     | AF2C       | AL7R       | <b>148</b> | DK3QM      | SM7CQY     |
| JN7DOS     | EU1DX      | CT1FUH     | EC1AIJ     | EI9E       | UA5D       |
| K0THN      | G3LUW      | DL2JIM     | G4XEE      | IK2DZN     | W0SR       |
| K4WFM      | IU8FRE     | DL2VPO     | IK1UGX     | JA1WTI     | W1ER       |
| K8RF       | JA3NHL     | DL7AA      | IK8UHA     | JA6NQT     | W2FB       |
| KB9DAK     | K4QD       | EA3EQT     | IZ4AIB     | JH3FUK     | W4DEE      |
| KE4VU      | K4XU       | IK2RPE     | JA1CZI     | K0EOO      | W9CSX      |
| KG4CUY     | K4ZA       | JA9AA      | JH1SJN     | K4MX       | WA5NFC     |
| KK4HD      | LB7ZG      | JE1VTZ     | JN3RBE     | K5DHY      |            |
| N4IQ       | OM8FR      | JR1WCT     | JR8AMF     | K6LRN      | <b>144</b> |
| OH7TV      | SM2HWG     | K2OP       | JT1BV      | KK0M       | AA0MZ      |
| RA0BA      | VE7XT      | K4NC       | K1AJ       | KK6T       | AA6PI      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AB4SF      | <b>142</b> | EA3CZM     | W0TM       | LZ2ZG      | WB0TVY     |
| AB5A       | DJ3AS      | ER0FEO     | WF1H       | N6KZ       | WC3W       |
| EA7DUD     | F6KOP      | IV3VCS     | WQ5R       | NA1DX      | WD8LTM     |
| HA5PT      | HL2DBP     | JA3EY      | WT9U       | NB3R       | XE1FAS     |
| IZ7AUH     | IK2WPO     | JA7KQC     |            | NC6A       |            |
| JA0KJE     | JE2VLG     | JE1DXC     | <b>138</b> | OE5JDL     | <b>135</b> |
| JA1UXC     | JH1VUO     | K5HK       | AA5B       | SK0QO      | AE4CW      |
| JA3EOP     | JH2XQY     | KE8UM      | EW1LM      | TF4M       | CT3FN      |
| JA6OXT     | JH7LVK     | KJ7TEA     | HB9AZO     | UT4UZ      | F6HLC      |
| JH1EIG     | JK1UNZ     | KP4P       | IK2HDF     | W2HUV      | G4FJK      |
| JH2RMU     | JR1IZM     | LU8ADX     | IK7YZG     | W6TK       | G8AJM      |
| K3NF       | K2CS       | N3TR       | JA4VLK     | W7KSK      | HK6K       |
| KA0CDN     | K8ZZU      | N4MI       | JJ1OKK     | W7QHE      | IZ0CKJ     |
| KB7V       | KD5R       | N4XYZ      | K1RH       | W8UQ       | J68HZ      |
| KE5PO      | N1BZ       | N6QI       | K2MK       | W9HBH      | JA3VPA     |
| KI1U       | N8HRZ      | N9IO       | K2WK       | WB2KSK     | K0LB       |
| N1KC       | NA9Q       | N9JR       | K3WWT      | WB3D       | K1SM       |
| N4SC       | W0QQ       | NN7X       | K9JU       | WO5I       | K2HT       |
| N7OJ       | W2TX       | OZ1HPS     | KE7LU      | YV5OIE     | K4IE       |
| NZ3O       | W6AER      | PY2IQ      | KF4VTT     |            | K5ALQ      |
| R7LA       | W9IL       | RA0R       | N2KX       | <b>136</b> | K5LC       |
| W2ZI       | W9ZJ       | SM0XBI     | N7WO       | 9H1AE      | K7LY       |
| W4NBS      |            | VA7QI      | N8GP       | AG1I       | K7WK       |
| W6BCQ      | <b>141</b> | W0JM       | OZ0J       | AG4Q       | KM8AM      |
| W7QDM      | AB5GU      | W3AKD      | W0QD       | CU3EJ      | KN4JX      |
| W8SAX      | DF2UH      | W3DQS      | W1DXH      | DL5SBA     | KO4PY      |
| WA1YTW     | DL9ABM     | W6GJB      | W1ZZ       | HB9MFM     | N3KN       |
| WC4H       | EI4BZ      | WB0N       | W3IZ       | HL4CCM     | N4CT       |
|            | I0LYO      | YL2AP      | W4DN       | IK8PGE     | NY9H       |
| <b>143</b> | JF2VAX     |            | W5KI       | IZ7EVZ     | OE3EPW     |
| AI8P       | JH6DUL     | <b>139</b> | W8TM       | JA7NX      | PT7CB      |
| IK2RZP     | JH6WMJ     | CT3DZ      | WB2RAJ     | JF2OZH     | SP7ASZ     |
| JA3FHL     | JS6TWW     | JA0PE      | WI2E       | JH1BAM     | W1MRH      |
| JA6IVR     | K0OK       | JF0JYR     | WN9Q       | JP7FSO     | W5BN       |
| JA7FWR     | LU2BA      | JH0AWC     | WT2P       | K0SRL      | WA2BOT     |
| JA9APM     | N7DED      | JH3GCN     | XE1ILI     | K1TWF      | WA3IIA     |
| JR1CAD     | N9KW       | K0DD       | YO3VU      | K2AJY      | WA3PBL     |
| K1XV       | RW4NJ      | K3SW       |            | K4AMC      | WB2NPY     |
| K4EB       | SP7ICE     | K4JWA      | <b>137</b> | K4YP       |            |
| K7KB       | W0MU       | K4KAL      | EA4UV      | K5YU       | <b>134</b> |
| KW9U       | W0RXL      | K6LPO      | EA5KA      | K8CS       | AK5Q       |
| NA9A       | W0VHF      | K6ME       | HB9ACC     | K8JE       | CT1BWW     |
| NU4Y       | W1DYJ      | KE4S       | HK3PJ      | KM1A       | CT3CD      |
| NW8F       | W4MA       | KH6DX      | HL3AMO     | LA6MP      | DF3OL      |
| RA3CO      | WA4NUF     | KK0DX      | IK3DVY     | N7NH       | DK2BI      |
| RX3BP      | WE9A       | KL7J       | JA1KPH     | NE4A       | HB0WR      |
| UA9AM      | WQ8T       | KO8SCA     | JA9GPG     | NU1B       | HL2CFY     |
| US2WU      |            | KS3L       | JR7ILA     | NU1O       | HL2EIZ     |
| W1ENE      | <b>140</b> | LA9FFA     | K1VI       | NV4B       | IZ1JMN     |
| W2NRA      | AA4US      | N1IA       | K2SN       | V51B       | JA3UCO     |
| W3DM       | AB0RX      | N8NB       | K3FM       | VE1JBC     | JA8ALB     |
| W9HZ       | AD3C       | NN6K       | K3SX       | W5JE       | JE1WZB     |
| WB2GOK     | AG5W       | PP1CZ      | KF6A       | W6DCK      | JG3HBO     |

|            |            |            |            |            |            |
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| JO4CFV     | <b>132</b> | JL6USD     | N1NU       | VO1AU      | AA4UC      |
| K2TER      | 9AY2K      | JM1VRW     | N2NW       | W2EQ       | AI2S       |
| K8KI       | AA3TH      | K1UM       | N4LUF      | W4LIA      | DK5RL      |
| K8QKY      | AA6RE      | K5ZQ       | N4XMX      | W9RC       | DL5KUT     |
| KC5LK      | AE5B       | K6IPV      | N8IL       | WA1ZIC     | HA3OU      |
| KF2TI      | CT7ANG     | K7LAZ      | NH6T/W4    | WA5NOM     | I1YDT      |
| N9RD       | DJ0AH      | K8EB       | PY2FN      | WD5BJT     | JA1DIO     |
| NC4RY      | DL3IAC     | K8JP       | SM5BNK     | WY6N       | JA1FHK     |
| ND4V       | I1CMA      | KC2STA     | SO5AS      |            | JA1XRA     |
| OE1ALW     | IK0WRB     | KK7YC      | VE3FRR     | <b>128</b> | JG3RWX     |
| SM5CSS     | IV3TMM     | KM4A       | W0AD       | 4X4MF      | JH3PRR     |
| W1OG       | JA2OLJ     | KR4BD      | W1FA       | 7M4CLF     | JN1MKU     |
| W1ZS       | JH1ERJ     | KX6C       | W3JXP      | A71AM      | JR7GBL     |
| W2DXE      | JH1UBK     | N0TK       | W4NK       | AG7N       | K0AZ       |
| W4UFO      | JI1MNT     | N3HYB      | W4SW       | AG8L       | K3OK       |
| W5BK       | JN3TRK     | N4QWZ      | W7FP       | AK4AO      | K5QR       |
| W5THT      | K4DSE      | NA4MM      | W7IB       | DL3BUE     | K7PO       |
| W6EJJ      | K5TU       | ND7K       | W7LGG      | DL6NW      | KF8N*      |
| WA1NXC     | KB1HY      | OH2LU      | WB4CW      | G4FKA      | KW2J       |
| WA3SKQ     | KG8CW      | RU3UN      | WC2K       | HB9FBG     | KX9X       |
| WE2N       | KJ6Y       | SM6VR      | WK9U       | HK3O       | N4HN       |
| ZS1J       | KS4YT      | VE7TK      | WO5D       | IT9ZZO     | W4GP       |
|            | KV4T       | W0JMP      |            | JA0ED      | W6DX       |
| <b>133</b> | KW4CQ      | W4SD       | <b>129</b> | JA3AYU     | WA2ALY     |
| AC5AA      | N2XQM      | W7NP       | AA9RR      | JA6JNF     | WB2KSP     |
| DL1MEV     | N3ME*      | W8FAX      | AC4VM      | JE3BIQ     | WC5E       |
| DL5JS      | N4DJ       | W9UM       | AF4OX      | JE4CIL     | YT7T       |
| DL8JJ      | N6VI       | WA6EZV     | CX2CC      | JM1HJG     |            |
| HP3TA      | N8XI       | WA6TQT     | DF7GG      | K2QB       | <b>126</b> |
| IK6COX     | NA4CW      | WB0PWA     | DL3LAB     | K4LQ       | DK3FB      |
| JA0AXV     | NJ9C       | WD8MGQ     | DL7UGO     | K6IPM      | EA4EPY     |
| JA1EMQ     | NU1T       | WW1V       | EA5DFV     | K8ROK      | EA7JB*     |
| JA1FUI     | S53MJ      |            | GM0CWR     | KA1O       | EW4A       |
| JA2BL      | SM0MPV     | <b>130</b> | JA1TGO     | KD2GC      | FG4NO      |
| JA3WLN     | UA3SAQ     | AA9AA      | JA7EU      | KE3X       | JG1SWM     |
| JA6BF      | UA9AGX     | AB6BT      | JA7JPZ     | KE4BKL     | JG3KLF     |
| JF1WLK     | VA7XX      | DJ4SO      | JF7NNI     | KL1V       | JH4GNE     |
| JH4RLY     | W0UVC      | DL2VWR     | JH2V VH    | N1BCL*     | K8FZ       |
| JM3GXU     | W0ZT       | DL9GCG     | JR0EQQ     | N2AJ       | K8YE       |
| JR1JGA     | W3BNN      | DL9JI      | K3NQ       | N4MEC      | K8YYY      |
| K2KIB      | W5RYA      | EA8MT      | K3VPZ      | N9JCS      | KC8IVC     |
| K4KAY      | W5WLA      | EC5A       | K6QU       | N9LEO      | KI3O       |
| K8KY       | W7IU       | HK3MCM     | K7VC       | ND3L       | KI5GD      |
| KD3HN      | W9RB       | JA4RED     | K9FZ*      | SM6DIN     | KN7Y       |
| KO1H       |            | JA8BAR     | KF4NEF     | VY2MC      | KS0M       |
| KZ9DX      | <b>131</b> | JF2QNM     | LU2JCW     | W1PNR      | M0VCB      |
| N4AOE      | AA4EA      | K4ODL      | MW0CBC     | W3EF       | N0TR       |
| N8KU       | DJ2RB      | K4VX       | N3AIU      | W5UE       | N2SG       |
| NT5O       | DL4ZAB     | KC4AA      | N7BD       | W6FL       | N4LV       |
| W6MVW      | EA5RD      | KF7NN      | NG7M       | WX2CX      | N4TD       |
| W8JA       | F2NH       | KP4DKE     | PY3SB      |            | N4UW       |
|            | IZ3ETU     | LB8OH      | UA0APV     | <b>127</b> | N5JC       |
|            | JH8JBX     | M0IKW      | UY1HY      | AA3AZ      | N6PEQ      |

|            |            |            |            |            |            |
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| N8VV       | F8EZE      | JA7KE      | N1SZ       | ND4X       | WA6JA      |
| OZ9GA      | G3VAO      | JA8EOT     | N2ZA       | NY7T       | WD9FLI     |
| W1BYH      | G3XLF      | JE3GUG     | SM2EJE     | OE1HHB     | WN7J       |
| W4PG       | IK0OPS     | JH0NBN     | UA6LCN     | W1OK       | WX3P       |
| WA9DU      | IK4TVP     | JH6WDG     | VE7ON      | W3NRJ      | YE6YE      |
| WB5NHL     | IK8VRH     | K0KM       | VE7VF      | W4EB       | ZS1C       |
| WB5STU     | JA0EVI     | K1QN       | W1GF       | W4NE       |            |
| WV1X       | JA1TD      | K2WJ       | W4AO       | W5FL       | <b>119</b> |
| YB1TJ      | JA2AH      | K8GT       | W4RS       | W5MF       | DS5ACV     |
| YB2DX      | JE6UWU     | LB5GI      | W5WZ       | WK8A       | HA8UT      |
|            | JM1LPN     | N6NT       | W7BJN      | WW8RT      | IZ6ERS     |
| <b>125</b> | K3LA       | N7TM       | WB1EAZ     | YB1AR      | JA0CVC     |
| 7M4AOE     | K6SLO      | NC1M       | WN0L       | YO3JF      | JA1DXR     |
| AD4AA      | KB9S       | NS3L       | WR2G       |            | JA7VEI     |
| AD5WB      | KF1P       | NT9F       | WV1R       | <b>120</b> | JM1GYQ     |
| DL9BM      | KM1R       | NZ9Z*      | WV9L       | DL1EV      | JR2CFD     |
| EA1P       | KN9N       | OH2BEN     | ZS6IR      | DL2VFR     | K0IIR      |
| EA3CWK     | KP4MS      | ON8VM      |            | HB9II0     | K1LTJ      |
| ES3VI      | MU0FAL     | PT7DX      | <b>121</b> | IK7YCE     | K3GO       |
| G0HIO      | N1YX       | SV2BXA     | 7J1ADJ     | IZ5EBL     | K7QA       |
| G8BCG      | N3KR       | VK2CA      | CU3AN      | JA3BLN     | KB4CRT     |
| HB9JG      | N4KM       | W0PE       | EI8GS      | JA8ZO      | KC4HN      |
| HB9JOE     | N5QS       | W2PSU      | F6FYD      | JF1EGO     | KK4QN      |
| HB9VAB     | N6XT       | W4GKR      | GM3WIL     | JH1LZU     | LA4C       |
| IK1IYU     | N9PGG      | W6PH       | HB9BOI     | JH6CDI     | LZ2HM      |
| IZ5EKV     | NC2Y       | W9ROG      | IK4TVQ     | JO1ABS     | N2RR       |
| JA2QCX     | NK7C       | WA8Y       | IK5BOH/2   | K0COM      | N3CW       |
| JA6EXO     | NN4K       | WB4GLI     | JA2ACI     | K1TKL      | N6OJ       |
| JJ6DGP     | NS4F       | WC4V       | JA3AVO     | K4MV       | NA2R       |
| K2PF*      | OT1A       | WQ1H       | JA8EIA     | K4ZMV      | SK6SJ      |
| K2ZZ       | W1ASB      |            | JA9GLW     | KD2SC      | SM6NJK     |
| K5TIA      | WA4QMQ     | <b>122</b> | JH0OXS     | KD4POJ     | VA3HP      |
| K6BZS      | WA8RCK     | 9A3LYL     | JH1AEP     | KF8HR      | VE4JBB     |
| K8GWU      | WB4SON     | AA7FL      | JH1SBE     | KI4TZ      | VR2XMT     |
| KG5VK      | WD6T       | AB2DP      | JR4CZM     | N2CG       | W5UHQ      |
| KQ5M       | WR7Q       | BV1EK      | K0FG       | N4PGL*     | W6DE       |
| LA9GX      | XE2YWH     | EA6EE      | K0QQ       | N5BA       | W6IS       |
| N3OUC      | ZS2Y       | F5RQQ      | K1MAA*     | N5PA       | WA3YZD     |
| N4ENE      | ZS6NJ      | HB9BEM     | K3AR       | NI4Y       | WA7BNG     |
| N6AA       |            | IK6BOB     | K3IXD      | NM1G       | WB2ZAB     |
| PT2CSM     | <b>123</b> | IV3BSF     | K3JM       | NW4M       | WB3BFC     |
| PY2RN      | AA4LR      | I28EJB     | K3RW       | OZ9XU      | WB9WHQ     |
| RT2O       | AB6CF      | JA0CIU     | K4GM       | PY2SEX     | WY0V       |
| SV1CQN     | AC4BT      | JA1CPU     | K5IB       | SV3AQR     | ZL1WG      |
| SV1EOG     | DF3EC      | JA3EEM     | K6WRF*     | VU2PTT     |            |
| W1XV       | DM5JBN     | JE1HRC     | K8CXM      | W0UY       | <b>118</b> |
| WB1DX      | EA2AAZ     | JE8IGW     | KC9WPS     | W1MJB      | AA4NG      |
| WB2GAI     | IK1RLI     | JM1GHT     | KD8BZY     | W4AEJ      | DL2RUG     |
| WC0W       | IK4BHO     | K3DFL      | KM7R       | W4PNY      | DL4FDM     |
| WD8KND     | IT9CVO     | KD0S       | KT5X       | W5EC       | DL5MX      |
|            | JA2CXK     | KM9E       | N4BAF      | W6HDG      | G0MFO      |
| <b>124</b> | JA2JRG     | KT8D       | N4TKF      | W6UA*      | G3YFE      |
| BG8PA      | JA2KSI     | LA6EIA     | N7WR       | W7HUY      | G3ZEM      |

|            |        |            |            |        |            |
|------------|--------|------------|------------|--------|------------|
| G4CWD      | HL4GHT | ZP6VT      | <b>115</b> | BA4TB  | <b>113</b> |
| GW0ANA     | IK0XIH | ZS4JAN     | AB0S       | CT1ELF | 6K5AQY     |
| HB9DLE     | JH8KFE |            | AC0B       | DD0VE  | A92IO      |
| HL3ERJ     | JR6GHN | <b>116</b> | AJ8B       | DF2UA  | AC9X       |
| I5CRL      | K0MP   | 4X1EL      | AJ8MH      | F1RAF  | AK1P       |
| IZ0NRG     | K1ZJA  | AB1J       | DH3KM      | HK1X   | EA2J       |
| JA2NNF     | K4AR   | E77S       | DS5DNO     | HL3DE  | EA8TZ      |
| JG1WNO     | K4AU   | EI7GY      | G0JJG      | JA2LHG | G4RGK      |
| JH2PWY     | K4SX   | EI8IU      | I6DQE      | JA3VUI | IV3KCB     |
| JI1FXS     | K4ZIW  | HL5BMX     | IZ0GYP     | JE1LPZ | JA2MNB     |
| K1TU       | K5GM   | JA2DHG     | JA0MRW     | JL3DGI | JA4JSV     |
| K3IZ       | K6CF   | JA3UNA     | JA1OVF     | JR1ATQ | JH3GRO     |
| K4GO       | K8ZM   | JA8BZL     | JA7HRM     | K0BRO  | JR1EYB     |
| K5WE       | KE1IU  | JO1LVZ     | JA8GSN     | K1QQ   | K0HB       |
| K6UXO      | KG6D   | K0BFR      | JH1RVQ     | K6GWN  | K0HD       |
| K7UPJ      | KK9T   | K4SAF      | JH4VDP     | K6PT   | K0PC       |
| K8IKE      | KM1H   | K7VS       | JK1SAI     | K8CQ*  | K0XM       |
| KB0V       | KM5G   | K8WHA      | K0XP       | K9QJ   | K2SD       |
| KB1AWM     | KS9R   | K9LCR      | K1HJC      | KA1DJ  | K2TG       |
| KB2XJ      | KU4V   | K9ZG       | K4MIH      | KF2DT  | K4IU       |
| LA7EIA     | LX2PA  | KU1T       | K4MIJ      | KF7F   | K6OJ       |
| LY3BS      | N0IW   | N0ATQ      | K5AX       | KM3J   | K8SM       |
| N1FOJ      | N0ODK  | N2SU       | K5LY       | KX2S   | KB8KIM     |
| N3MLV      | N1DC   | N3ER       | K9EXY      | LA4RT  | N1ZJ       |
| N3RW       | N4JQQ  | N4HGZ      | KB0EL      | LA4WJ  | N6RC       |
| N7AU       | N8JK   | N4QVM      | KE7PB      | LA7QI  | N8RF       |
| N9DJ       | N8WXQ  | N6NBB      | KF9UG      | LA9XGA | N9RE       |
| NA5S       | NC8I   | NV4A       | KK0T       | LU1FM  | NJ0F       |
| NO2C       | NW2I   | OH1NSJ     | KK5OQ      | MM0BQI | ON6LY      |
| NW7US      | ON4AGX | PA2R       | KM4NS      | N2YBB  | ON7BJ      |
| OE3JAG     | OZ3SM  | SM1NJC     | LT1F       | N6DHZ  | PP2FN      |
| TA1L       | PT2BW  | UA1OM      | N0OP       | N6RJY  | RL3BZ      |
| VA2IG      | SP7QHR | VU2ABS     | N8SHZ      | N8AID  | VE3SKX     |
| VE3PNT     | SV2CLJ | W0ANZ      | ND4Q       | N8KUS  | VE7BZ      |
| VK5GR      | SV3RKM | W1GWN      | NK2H       | N9NB   | VR2CH      |
| VR2PX      | TA1AL  | W1NR       | PV8ABC     | NG4C   | W2PD       |
| W4SKW      | TF3DT  | W4ARK      | UU1JA      | NO0B   | W4CC       |
| W6GM       | UT2VC  | W4CZ       | VK3OT      | NU4B   | W5RDW      |
| W6WF       | V51YJ  | W4DFU      | W2HAZ      | ON6KE  | W8AEF      |
| WA3GM      | VE7ACN | W5SJ       | W5GO       | PV8DX  | W8QZA/QRP  |
| WA4USA     | W1UN   | W5WS*      | W5HNK      | W4TTY  | WA1EHK     |
| WB4PWZ     | W3ML   | W7RR       | W6QON      | W7BV   | WA2AOG     |
| WZ6Z       | W3WN   | W7VJ       | W9RXJ      | W7HJ   | WA6KHK     |
| YB1RUS     | W4OWY  | WA2EOV     | WA5CMI*    | W8BI   | WK1Q       |
| YB4CHP     | W6KR   | WA8LOW     | WN1M       | W8UMA  | WW5L       |
| ZL3AFT*    | W8VK   | WA9JWL     | YO3HOT     | WB4DNL | WY7M       |
| ZS5LEE     | W9BB   | WB8FIW     |            | WD1M   | XE2MX      |
|            | WB8IZM | WC2C       | <b>114</b> | WF4W   | YB0EIN     |
| <b>117</b> | WP4CQ  | WJ1B       | AA4H       | WG0G   | YE1AR      |
| DL2TOS     | WQ6Q   | WQ5C       | AA5N       | WN6K   | YV4DYJ     |
| EA5B       | WS4H   | WV4V       | AB4GE      | WR2V   |            |
| G3PSM      | XE1R   |            | AD4XV      | WW0E   | <b>112</b> |
| HB9PUE     | ZP5FGS |            | AK3E       | XE1EE  | 7N4OBV     |

|        |            |            |            |            |          |
|--------|------------|------------|------------|------------|----------|
| AA3K   | W6CN       | RV3GW      | K3EE       | F4GVO      | AE4VJ    |
| AA7UN  | W7QC*      | UA6MA      | K4AFE      | G4EHT      | CO7RG    |
| AA9WO  | W8PE       | VU2MSA     | K4DET      | HB9DRS     | DH4RL    |
| AD1S   | W9LYN      | W1HEO      | K7JI       | HC1HN      | DJ5EY    |
| DF2WF  | WB4CTX     | W3WH       | K9ARZ      | IK0UTM     | DL3ANK   |
| DF5CD  | WB4FNH     | W4WT       | K9GY       | IK0XKP     | EA5DKU   |
| DJ7JC  | WX4TM      | W5WI       | KA1API     | IZ5GST     | F5UJK    |
| DL8DYL | YU1GM      | W6IHA      | KB2RA      | JA0HXV     | G0KHO    |
| EA5HM  | ZL1ANH     | W6ZPL      | KB4FXE     | JA6JYM     | G3VXJ    |
| G4DBW  |            | W7AM       | KB4KBS     | JA9IFF     | G4SSH    |
| HK4EB  | <b>111</b> | W8QWI      | KB5GT      | JF6AKS     | G7SSE    |
| JA0HC  | 8P6SH      | W9GG       | KC2SST     | JI4HKA     | HB9HHH   |
| JA9RT  | AC0X       | W9KX       | KI0I       | JI5RPT     | I7PXV    |
| K0UBR  | AI1W       | W9MMZ      | KK4TK      | K0MFI      | IT9IPQ   |
| K1KOB  | AI4WW      | W9WO       | KM5VI      | K1RY       | IU8IYE   |
| K2DW   | DK9WZ      | WA7HQD     | KS0Y       | K4BNF      | JA0DBQ   |
| K4ULA  | DL1DH      | WB9MSM     | KW1DX      | K4RDU      | JA1SZN   |
| K6EGW  | EA2AGV     | WD9IOK     | N2KW       | K4TXJ      | JA2CPD   |
| K6LD   | EA4EJP     | WE2L       | N4ANV      | K6JJ       | JA4CZM   |
| K6MKF  | EI1DG      | WF2Y       | N4CO       | K7CU       | JA5OP    |
| K7DS   | EU1TT      | WO2Q       | N8NH       | K7IA       | JG1LBN   |
| K7SX   | HB9LAK     | WZ1Q       | NW6V       | KC5LT      | JG2LGM   |
| K8LE   | I2QMU      | ZP9MCE     | OZ9U       | KD4W       | JJ7XTV   |
| K9UVK  | IK2PZC     | ZS6NK      | R0QA       | KP4AH      | JK1MZT   |
| KD9ZR  | IZ0FUW     |            | R6AZ       | N1UZ       | JR3QHQ   |
| KP3R   | JA3QOS     | <b>110</b> | SV8RX      | ND1T       | K1KZ     |
| KR4DA  | JA9FO      | AD4YQ      | TF1A       | NL8F       | K4DB     |
| KS4XQ  | JE1GWO     | DF1JM      | VE2GHZ     | NN4RR      | K4JDV    |
| KV4AA  | JH8GEU     | DL2AMD     | VE3EDY     | NR3Y       | K5LA     |
| LA2IR  | JL1GYZ     | DL4IW      | VE3YV      | NX3A       | K6NS     |
| LU3XX  | K0RW       | DL8XDA     | W0QL       | OZ6PI      | K6XJ     |
| N1BB   | K1VMI      | DM3XRF     | W0RI*      | R2ARR      | K7QBO    |
| N2KI   | K3GW       | DS4CNB     | W0VM       | SV1XV      | K8ZT/QRP |
| N3NO   | K3HW       | G3WXX      | W2PP       | SV3EXP     | KD4RH    |
| N4WOT  | K5VR       | HB9AGO     | W3SB       | TA6N       | KD4SN    |
| OZ7QB  | K6DJ       | IZ8EKL     | W4GF       | TF3JB      | KE4KMG   |
| PY6TS  | K8AO       | JA0UMV     | YB4IR      | VK2DAG     | KE9XN    |
| R3BB   | K8CCV      | JA1EMK     | YV5LI      | W1KDA      | KF2OG    |
| R7NA   | K8LBT      | JA1KZP     |            | W3HKK      | KF8DX    |
| SP1NEN | KA4H       | JA2KTP     | <b>109</b> | W5XU       | KX5V     |
| VA7ZT  | KB0HJ*     | JA4HXF     | 4Z4KX      | W6EKR      | MM1PTT   |
| VE3GFN | KB2HK      | JE3CHA     | 7K1CPT     | W9KM       | N1HO     |
| VE7NY  | KI7M       | JF1KKV     | AA4MD      | WA0WWW     | N1TA     |
| VK6OZ  | KJ4YLO     | JJ2VLY     | AA4ZK      | WA4YYM     | N4KEB    |
| VK7ZE  | N1KM       | JM1GAW     | AA8BN      | WA5YNB     | N8KOJ    |
| VU3WEW | N2FY       | JP1NWZ     | AJ9K       | WA7BNM     | NJ6D     |
| W0QC   | N3BOB      | JR1RCQ     | CT1CQK     | WI7N       | NN7A     |
| W1RG   | NC6K       | JR2PZX     | DL1TPY     | WY4I       | NT6AA    |
| W4EJG  | NE1RD      | K0GW       | DL2RTL     | ZS2ACP     | OZ1OXQ   |
| W4UAT  | NJ1H       | K0HP       | DL9QJ      |            | PJ2HB    |
| W5FPT  | NR0T       | K1EDG      | EA3BL      | <b>108</b> | PV8RR    |
| W5MJ   | NZ5O       | K1LZ       | EA3GCT     | 9A3ST      | S51DD    |
| W5TFV  | OE1JIS     | K2GLS      | F4DSE      | AC7ZG      | VU2IT    |

|            |            |        |            |        |            |
|------------|------------|--------|------------|--------|------------|
| VU2OT      | KM2O       | HL1XP  | W5GML      | KK8MM  | WD1X       |
| W0YDB      | KM4FI      | HL4CBX | W5PD       | KN7K   | WK1J       |
| W2GHD      | KP4N       | IZ4COT | W6TGI      | KO4XM  | XE3ARV     |
| W2ZK       | KR9A       | JA2VHO | W9FY       | KR4U   | YO6BHN     |
| W4EW       | N2RD       | JF1CZQ | WA3DCG     | KU8X   |            |
| W4GD       | N3YZ       | JH1XFR | WB8RFB     | LU9DO  | <b>104</b> |
| W4PGC      | N4KZ       | JH8DEH | WD3P       | LX1EL  | AA6PG      |
| W4PGM      | N5PO       | K0CF   | WS7W       | LY3BA  | AA6XV      |
| W4WNT      | N5TF       | K0GEO  | WX0Z       | N1XL   | AF6O       |
| W8LYJ      | N6ER       | K0GK   | XE1V       | N2PL   | DL6DCD     |
| W8ZR       | N6JM       | K0HQW  | YB0JH      | N3AS   | DS3EXX     |
| WB2UFF     | ND9M       | K1XE   | YC0LOW     | N3ZA   | EA4DEI     |
| WU4B       | NJ7G       | K2GW   | YO3NL      | N4FN   | F4WDL      |
| WY2E       | NQ2O       | K2JK   | ZL1BBW     | N5OGP  | F5VML      |
| XE1OX      | NQ4A       | K4GZ   |            | N6DW   | G0THF      |
|            | NS4X       | K4RP   | <b>105</b> | N6VNI  | G4GEE      |
| <b>107</b> | OZ2TF      | K5MMH  | 9A5SSS     | N7KDT  | HA0EQ      |
| AI9U       | SM3JLA     | K5VG   | 9L1JT      | N7NM   | I3DUB      |
| AJ4IM      | SV2DSJ     | K7GA   | AA4UJ      | N7VPN  | IK4QJH     |
| DK3TL      | UR4CW      | K8FB   | AA4XR      | N8TFD  | IV3EHH     |
| DL2KUA     | UR4IOR     | K9SUH  | AA8CH      | N9AX   | IZ8FDH     |
| DL6ZNG     | VR2XYL     | KB9AIT | AA8SW      | N9BVA  | JA1KXY     |
| EA1AA      | W1XY       | KC4PX  | AB2NI      | NS7K   | JA2DCN     |
| F1ICS      | W2XX       | KD3UY  | AC5O       | PA2SWL | JA3MIO     |
| F8DZY      | W3UI       | KF8VX  | AF8C       | R3LO   | JA4AO      |
| G0RPM      | W3UTD      | KI2D   | AH7G       | RA6XV  | JA5EEU     |
| G3RZP      | W5UQ       | KJ6ZH  | DF8FT      | SM0EUI | JA7TQK     |
| HA8UB      | W7JET      | KM4HQE | DL6DK      | UQ2GM  | JA9IWR     |
| HB9GWJ     | W8LWU      | LY2PAQ | DL9NDV     | VE3MSK | JE4WOK     |
| I4FGG      | WA2PNI     | LZ1HY  | EA1AZ      | VE9RJ  | JQ3TAN     |
| I5XFD      | WA3FRP     | M0RTP  | EA5XV      | VY2RU  | JR2PAU     |
| IK6CGO     | WB9UQE     | N0MR   | F8GB       | W1KMA  | K0FF       |
| JA1ASO     | WD4IXD     | N4LB   | HB9CA      | W1USN  | K0IL       |
| JA1CJO     | WM4AA      | N4WMB  | HB9DVZ     | W3DAD  | K2DF       |
| JA3GAK     | WY9V       | N5RN   | IK0WMJ     | W4CU   | K2RNY      |
| JA3HBF     | YB0WWL     | N6FS   | IK2DJV     | W4RQ   | K4KFH      |
| JA7FAS     | YO5OEF     | NA7RH  | IZ5IMB     | W4WIV  | K5RKS      |
| JA7XRO     |            | NK7L   | JA6MWF     | W5ADH  | K6JAD      |
| JH1AQN     | <b>106</b> | NT4K   | JH2AHZ     | W5SUM  | K6MYC      |
| JH3LCU     | AB6FI      | NZ0O   | JH3AEF     | W6SIY  | K6ZP       |
| JM7TKK     | DL7AB      | OE9SLH | JK7LXU     | W7MD   | K8CJY      |
| JR1VAY     | DM3CW      | OZ7BQ  | K1EP       | W7VS   | K8TS       |
| K2IE       | EA2CLU     | RC3D   | K2IUK      | W7ZMD* | K9BJM      |
| K2WR       | EA3LX      | RV6ARZ | K4VMT      | W8EH   | KA5RNH     |
| K5ZO       | EA8TK      | SA0AQT | K5FXB      | WA0GOZ | KE1B       |
| K6AHG      | EI4DQ      | TF3T   | K7AWB      | WA4HXC | KF0RQ      |
| K8POM      | F5EOT      | W0TF   | K7KJ       | WA6URY | KF6E       |
| K8ZEE      | F5RZJ      | W1EBM  | KB5HC      | WA8A   | KF8AR      |
| K9AAN      | GM0NAI     | W1ECI  | KC1ERO     | WA9SQH | KH6XT      |
| K9XR       | HB9DVO     | W1LE   | KE6V       | WB0CHS | KI4RD      |
| KA6V*      | HB9HFM     | W1PY   | KE7UL      | WB3AVD | KK4MA      |
| KI0G       | HC4L       | W4LZW  | KE8G       | WB4KZW | LA3ANA     |
| KI7HO      | HG6IA      | W4OEP  | KJ6YK      | WB5IUU | LA9VBA     |

|            |           |            |        |            |        |
|------------|-----------|------------|--------|------------|--------|
| LZ1SW      | I6XGZ     | RM4C       | G0UII  | NX3Y       | IK2WSO |
| N2PK       | IK5TBK    | RZ6LB      | G3JFC  | NZ3L       | JA1BJI |
| N3COB      | IS0/YO3RA | VE1GBD     | G4AYU  | OH3PYY     | JA3WMS |
| N3STZ      | IS0MVE    | VE1HA      | HC1HC  | PF7M       | JA5ALE |
| N4PF       | IZ8EYN    | VE3GLA     | I7LGM  | PR7AB      | JA5XPD |
| N6VH       | JA7MAD    | VE3MIS     | IK2ECP | SM7TZK     | JA8ANQ |
| N7YQ       | JA8AQ     | W1VEM      | JA3MHV | UA2CZ      | JH2AJY |
| NE6V       | JA9IPF    | W3ACO      | JA3VQW | UN7BK      | JM1ESG |
| NY2E       | JF1MTV    | W3ATV      | JH1GNU | UX4UM      | JM1SMY |
| ON6NG      | JG3KMT    | W4TJE      | JJ1KZZ | VA1SEA     | JR3TOE |
| RW3QHN     | JH2CYU    | W5SG       | JJ2BLV | VA7FC      | K0HIP  |
| SL0AS      | JH5OTE    | W6OP       | JO1MOS | VE3KKB     | K0SQ   |
| SM5NAS     | JK2VOC    | W6SA       | K0GX   | VR2ZXP     | K1JE   |
| TI4SU      | K0BX*     | W6SFK      | K0ZM   | VU2LBW     | K1ROA  |
| VR2KF      | K1FE      | W7IH       | K1CN   | VU2MB      | K1YA   |
| W1TW       | K1HDO     | W7PC       | K1HC   | W0FF       | K2KNB  |
| W4AFB      | K2YEH     | W7XE       | K2FJ   | W0PXM      | K2RB   |
| W5AP       | K3GP      | W8KTH      | K2MHE  | W4PM       | K2UT   |
| W5DM       | K4MQL     | W8LAQ      | K3IU   | W5TZN      | K4RM   |
| W5NX*      | K5NV      | W8MSP*     | K4CKS  | W7YED      | K4TOR  |
| W6FUV      | K8CR      | WA7IHN     | K4NI   | W8DN       | K7STO  |
| W7TUS      | K8TLC     | WA8MOA     | K4OP   | W9LU       | K8ARY  |
| W8PAT      | K9JDP     | WA9BXB     | K4VUD  | WA8COB     | K9EA   |
| WA4TMJ     | KA2F      | WA9IVH     | K5PV   | WA8LRW     | KA1NCN |
| WB6MBF     | KB1CQ     | WB2EBS     | K6VMV  | WM0G       | KA4IWG |
| WB8EKG     | KC1XX     | WB2GMY     | K9QA   | YL3GDM     | KB5NJD |
| WQ5G       | KF8PD     | WB2P       | K9WA   | YO8PS      | KB8DID |
| WY7FD      | KI5GF     | WB3HLH     | KA4JNB | YV1AVO     | KC0V   |
| YL2IP      | KN4T      | WB5TOI     | KC4GKY | ZS1DX      | KD0AA  |
| YO5QAW     | KP4GC     | WB8PKK     | KD2SY  |            | KD1AB  |
|            | KS4Q      | WD4AFY     | KE3ZT  | <b>101</b> | KD1YV  |
| <b>103</b> | KT6LA     | WE9M       | KE5FXE | 5P5Q       | KJ4FZ  |
| AC4CA      | KW9K      | WK5X       | KK4CLY | AA2VG      | KK4ODQ |
| AC6ZM      | LB8CA     | WN5K       | KM8V   | AA8KY      | KM4EX  |
| AD0TR      | LU5OM     | WO7V       | KM9Y   | AF3K       | KU9S   |
| AF3X       | M0PCB     | YB9AY      | KU0S   | C93PA      | KW4BY  |
| DJ3NK      | M5LRO     | YC6JRT     | KV1M   | DJ3GZ      | KZ1X   |
| DJ3XG      | N1KI      | YO4AUP     | KV7N   | DK8IZ      | LA9JKA |
| DK7VW*     | N2QLT     | ZL1ANJ     | LA9PHA | DM5TI      | N0IRM  |
| DL1ET      | N2ZL      | ZL2AO      | N1EDN  | DS2BGV     | N1GNB  |
| DL1SVA     | N3NVA     |            | N1IN   | EI3ISB     | N4GBK  |
| DS4DBF     | N5RA      | <b>102</b> | N2MG   | EW2CR      | N4ST   |
| EA4S       | N5YY      | AA1DN      | N2TC   | F2AR       | N5OP   |
| EI5GM      | N6IBP     | AA1IF      | N3DAP  | F6ARS      | N6RVI  |
| EI8IQ      | N7NF      | AA5H       | N4DJT  | F8DHE      | N7ELL  |
| F3SJ       | NA8W      | AB5YI      | N4LS   | G4DDL      | N8LIQ  |
| G3LAS*     | NF7D      | AD5BV      | N4PAJ  | G4VWI      | N9OK   |
| G3VDB      | NM4Q      | CT1YH      | N4WD   | G8GNI      | NE5W   |
| GM4ELV     | NX1P      | DL2XN      | N8WL   | GW4WND     | NK6O   |
| GU0SUP     | OV5O      | DL5PW      | N9HUK  | HB9BNQ     | NZ3M   |
| HA0IT      | PY2CP     | DS5JMG     | NA3M   | HI3I       | RW9LL  |
| HL9HH      | PY2DV     | EI9FVB     | NG4P   | HL1SX      | SV8QG  |
| I0BJV      | RA3LD     | G0UGO      | NI7F   | I2YPY      | UA3FT  |

|            |        |        |        |
|------------|--------|--------|--------|
| UA3UCD     | I8YAV  | N2XTT  | W9COS  |
| UA9CIM     | IK2HLM | N3MX   | WA9EZT |
| UR3HC      | IZ0GKB | N3PV   | WB2AMU |
| UY5AR      | IZ4IRO | N4GOA  | WB2BXO |
| VE6TL      | JA1BDF | N4UP   | WB2MKX |
| VK3FNJ     | JA1EYN | N4UY   | WB6RAB |
| VU3CAU     | JA2ODB | N5CR   | WD0AJG |
| W3DIY      | JA3BKP | N6DKZ  | WD1Z   |
| W3GP       | JA7GAP | N7ZT   | WI0E   |
| W5TSB      | JE4FNC | N9AKR  | WK3A   |
| W5TUF      | JF3MKC | N9AZZ  | WM1L   |
| W6QL       | JH1HRJ | NA9L   | WM9Q   |
| W7WT       | JH3GFA | NE3K   | WO1X*  |
| W8JY       | JH8CFZ | NJ4V   | WQ5T   |
| W9IE       | JJ1IRS | NK7Z   | XE1L   |
| W9QO       | JP1GUW | NO2EL  | YB0MWM |
| WA0GUD*    | JQ1YIW | NU0Q   | YB1BML |
| WA3YQQ     | JR1AHH | NY1V   | YB2TS  |
| WB8TGY     | JR1SLU | OH3FVP | YO2OXD |
| WD4OHD     | JR3ADB | OM4KW  | YO6HSU |
| WF3M       | K0MB   | OZ1ZD  | YU1LD  |
| YB0AI      | K1YWW  | PA3GFE | ZL3PAH |
| YB1AYO     | K2ITT  | PY2OP  |        |
| YL7X       | K2ZD   | R3DL   |        |
| ZL2LW      | K3CWF  | RA3UT  |        |
| ZL3NW      | K3RRR  | RA6XB  |        |
| ZL3TE      | K3SUK  | SM7DXQ |        |
|            | K4HEB  | SP5ZCC |        |
| <b>100</b> | K4LRX  | SQ5M   |        |
| 5N0ETP     | K5HX   | SV8RMA |        |
| A41ZZ      | K7NW   | TA2AD  |        |
| A71XX      | K7RAN  | UA4PT  |        |
| AA2MF      | K9CHP  | UX5XK  |        |
| AA2T       | KB2S   | VA3VF  |        |
| AB4KJ      | KB3KJ  | VE2ACP |        |
| AF8P       | KB4CP  | VP5JM  |        |
| AI4EY      | KB4FB  | VR2IL  |        |
| DG0OAT     | KC4DM  | VU2DED |        |
| DL2YBG     | KC8YG  | W0GXA  |        |
| DL3XAC     | KE8NOA | W1FP   |        |
| DL6ZBN     | KF9WV  | W1KQ   |        |
| DO2UDX     | KG6KH  | W2RL   |        |
| EA2RY      | KI6PG  | W3EP   |        |
| EA4D       | KJ4EX  | W4DWS  |        |
| EI5GSB     | KJ4UZU | W4LEW  |        |
| F4HAB      | KL7XO  | W4MIR  |        |
| G4NBS      | KN4OK  | W4UT   |        |
| G4SGX      | KU4A   | W4YR   |        |
| GI0VJE     | LA4JGA | W5WS   |        |
| GM0VIT     | LA8W   | W6OU   |        |
| HB9CZF     | LU4FW  | W6PG   |        |
| HB9ECS     | MW2I   | W7NUW  |        |
| HL4XM      | N2JNE  | W7SMW  |        |