

## ARRL DXCC - 12 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 04 Jun 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>348</b><br>K2TQC<br>SP5EWY                                                     | <b>342</b><br>JR2KDN<br>K4DY<br>K5UR<br>KF2O<br>N6AR                                                                                            | <b>338</b><br>G4BWP<br>I4LCK<br>JA3FYC<br>K9NU<br>PY4OY<br>SM3NRY<br>W1DIG<br>W7UT       | JH4UYB<br>K4XP<br>K8SIX<br>N0XA<br>N5UR<br>OE3GCU<br>OE6IMD<br>OK3GU<br>R7LV<br>SP3EPK<br>SP8AJK<br>W0MHK<br>W1YY<br>WD5COV<br>WK3N                                                  | F6AOJ<br>G4OBK<br>HA5WA<br>I4AVG<br>JA1HGY<br>JA2KVD<br>JR3IIR<br>K6YRA<br>N4AH<br>PY2BW<br>PY2SP<br>SM5CEU<br>SM6CVX<br>W0DJC<br>W9RPM                                                                               | WB6RSE<br><br><b>331</b><br>DJ9HX<br>EY8MM<br>IK8HJC<br>JE2URF<br>JG3QZN<br>JH1RFR<br>K4MWB<br>LA5IIA<br>LZ2DF<br>PY5EG<br>PY5HOT<br>SP3E<br>W5OZI<br>W8UVZ                                   |
| <b>347</b><br>K4CIA<br>K8MFO<br>N4WW<br>W1JR<br>W4DR                              | <b>341</b><br>4X4DK<br>AA1V<br>DJ6RX<br>DJ9KG<br>G3KMA<br>JH4IFF<br>N0AT<br>N2TK<br>N4CC<br>NN4T<br>OH2BU<br>OZ3PZ<br>PA3FQA<br>SM3GSK<br>VE3EJ | <b>337</b><br>AA6YQ<br>DL4MCF<br>K1ST<br>K4HGX<br>W0BV<br>W2LO<br>W2YC<br>W3LPL<br>W9IXX | <b>334</b><br>AA1QD<br>DF3GY<br>DJ9ZB<br>EA4KD<br>EA6SX<br>F6EXV<br>G3XTT<br>JA0EOK<br>JA2FBY<br>JQ3DUE<br>K3UA<br>K4XO<br>N4XM<br>N8DJX<br>SM5AQD<br>SP2FAX<br>UA6A<br>W4PK<br>WB9Z | <b>332</b><br>AA7A<br>DF4PL<br>EA5RM<br>F6DAY<br>GM3YTS<br>HB9BGV<br>HB9BZA<br>IK4DRY<br>IK5HHA<br>JA0UUA<br>JA4DLP<br>JL1UXH<br>K0IEA<br>K1OA<br>N2LT<br>NJ6P<br>UA4HBW<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5BPT<br>W5ZN | <b>330</b><br>AA1ON<br>DJ2YA<br>DL1AMQ<br>EA7TV<br>EI7BA<br>F6BK1<br>HB9AMO<br>I4MKN<br>IK4BHO<br>IK6DLK<br>JA1ADN<br>JA3EMU<br>K3WC<br>K4CN<br>K4ZYU<br>K9CT<br>KD5M<br>N4JF<br>N8JV<br>N9IW |
| <b>346</b><br>N1DG<br>SM3EVR<br>W9ZR                                              |                                                                                                                                                 | <b>336</b><br>JA1WPX<br>JA2JPA<br>K2FF<br>K5RK<br>N3XX<br>N5ZM<br>PE5T<br>VE3XN          |                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                               |
| <b>345</b><br>HA0DU<br>JA2VPO<br>OH1XX                                            |                                                                                                                                                 |                                                                                          |                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                               |
| <b>344</b><br>K4PI<br>N4MM<br>OZ1BTE<br>OZ1LO<br>PY2XB<br>SM0AJU<br>VE1YX<br>W3YX | <b>340</b><br>EA8AK<br>JA4DND<br>K4UTE<br>SP5CJQ                                                                                                |                                                                                          |                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                               |
| <b>343</b><br>DF3CB<br>K3FN<br>K4MQG<br>VA3DX<br>W3UR                             | <b>339</b><br>CT1EEB<br>IK1GPG<br>JA1UQP<br>JA5EXW<br>N4CH<br>N8DX                                                                              | <b>335</b><br>AG9S<br>G0JHC<br>JA1BK<br>JA4LKB<br>JA5AQC<br>JA5AUC<br>JA5MHD             | <b>333</b><br>DJ8NK                                                                                                                                                                  |                                                                                                                                                                                                                       |                                                                                                                                                                                               |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| NR1R       | JE2LUN     | W6RLL      | K2UO       | K1LD       | K6YUI      |
| OK1MP*     | JH1TWT     | W9OP       | K6FG       | K4EM       | K9MM       |
| RA3CQ      | J12KXK     |            | K7NN       | N4II       | KE9L       |
| SP7GAQ     | J18DGO     | <b>324</b> | KA9CFD     | SP7VC      | N2BJ       |
| VE3FF      | K0DEQ      | DK9KX      | KU0A       | UY5ZZ      | N4QS       |
| W3NO       | KW9A       | DL5DSM     | N4DW       | VE3EXY     | NE1B       |
| YO5BRZ     | N6JV       | G0DQS      | N4NX       | W3KX       | OE1WEU     |
| YU1FW      | PY2YP      | G4CCZ      | OH1LEU     | W6XA       | SP1MGM     |
|            | RZ3AM      | I0WDX      | ON4CD      | YV1DIG     | UX1UA      |
| <b>329</b> | SM2GCQ     | IK5PWQ     | PA3EWP     |            | W6VX       |
| GM3POI     | SM5CZQ     | JA2BDR     | R7DX       | <b>319</b> | WX4G       |
| IT9DAA     | SP6M       | JA2DPC     | SM5KNV     | DJ4AX      |            |
| IV3JVJ     | SP9DWT     | JH0INP     | UA4CC      | DK1FW      | <b>316</b> |
| JA2JW      | SV1RK      | JR3GWZ     | VE1DX      | EA8AKN     | DF2UU      |
| JA7KY      | YO9HP      | JR3OEH     | W5CIA      | IK4DRR     | DJ5FI      |
| JA7MSQ     |            | K5KC       | W5TCX      | J11DHY     | DL5WW      |
| JH1GZE     | <b>326</b> | N1NK       | W18A       | JR7VHZ     | G0OIL      |
| K0EU       | EA5BY      | N8BM*      | WP4U       | K5MC       | IK2QPR     |
| K1HTV      | JA9APS     | NK1K       |            | K6AM       | JA8EAT     |
| N5AW       | JF1WPB     | OE8HIK     | <b>321</b> | N4DB       | K3WA       |
| NI0G       | K5EK       | R3OK       | AA4V       | ON4AOI     | K4HB       |
| NO8D       | K8PT       | VE2TZZ     | AD1C       | UA3AP      | K8YTO      |
| OZ1CTK     | LU2NI      | W3LL       | G3TXF      | W5WT       | KG8P       |
| R4GM       | N3NT       | W9OL       | HB9BIN     |            | KQ8M       |
| SP6CIK     | N7RT       | WB4TDH     | IK2YCW     | <b>318</b> | N5DG       |
| SP8NR      | OZ1AXG     |            | JA0GJJ     | A45XR      | RV3LO      |
| W5XX       | SP5DIR     | <b>323</b> | JA1XEC     | AA4HP      | SP1JRF     |
| WA1JMP     | W8DCH      | AD5A       | JA3AZD     | AA8CH      | UA3DPM     |
|            |            | EA3GP      | JH1IFS     | DL6KR      | W1GL       |
| <b>328</b> | <b>325</b> | GM0GAV     | JH3CUL     | G4PWA      | W7MO       |
| AA5AU      | EU7A       | JF1KKV     | JH3VNC     | HB0CC      | W9ILY      |
| DL7MAE     | HB9DHK     | JH2FXK     | JH4ADV     | JA2JNA     | WA2VYA     |
| IZ5EKV     | I5NPH      | JJ3PRT     | K2VV       | JA4EPE     | YB5QZ      |
| JA1SJV     | IZ0AEG     | JR2LJO     | KV7K       | JH4JNG     | YO7LCB     |
| JA6BZI     | JA2FJP     | K9YY       | KX4R       | K2TE       |            |
| J14POR     | JA5WIZ     | KF0QR      | LA7HJA     | K4IQJ      | <b>315</b> |
| K4QL       | JE1SYN     | N5TY*      | N4PQX      | K5BG       | 9H1SP      |
| RU3FM      | JF1PUW     | N8RR       | N5XZ       | K5DU       | AA5AT      |
| SL0ZG      | JF3KON     | NY0V       | OE6MDF     | LA2PA      | AB3CV      |
| W1ECT      | JF7XKY     | OH2BLD     | OE8RT      | PY5EW      | AB6QM      |
| W2IRT      | JH8RZJ     | SM6DHF     | SM6DHU     | R3VA       | G3VKW      |
| W4UM       | JS2LHI     | UA3AB      | SV1FJA     | RA7A       | HK3W       |
| W5FKX      | K9EU       | W7AO       | UT7UJ      | RW3RN      | JA1ANR     |
|            | K9IR       | W8OI       | W4FC       | VE3LYC     | JA8RJE     |
| <b>327</b> | OE2LCM     |            | W8GC       | YO3APJ     | JA9CWJ     |
| AB4IQ      | ON4IQ      | <b>322</b> |            |            | JN3SAC     |
| CT1APE     | R5AJ       | CT1BH      | <b>320</b> | <b>317</b> | JR2BJE     |
| CT1IUA     | SM4EMO     | EA2IA      | CT4NH      | AB9V       | K1BD       |
| DK5WL      | SM6CCO     | F5PAC      | DF2RG      | DK2NG      | K8NVR      |
| DL2OE      | SM6CMU     | IK4GME     | DM5EE      | HB9HFN     | N5OK       |
| EA1YO      | SP1S       | IK8YTA     | FK8CP      | JA2IVK     | OE3EVA     |
| EA5BM      | SV8CS      | JA4FKX     | I2EOW      | JO7WXN     | ON4IZ      |
| I4EWH      | W1RM       | JJ2LPV     | JA3PIS     | K2RW       | PY2NQ      |

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| SM3VAC     | W9RN       | WD9DZV     | <b>307</b> | W5XC       | <b>301</b> |
|            | WA7NB      | ZS1LS      | A65BR      | YB1UUN     | AE5E       |
| <b>314</b> | ZS6EZ      |            | DK2JX      |            | CU2AP      |
| AC4G       |            | <b>309</b> | F2JD       | <b>304</b> | HP2AT      |
| CT1DKS     | <b>312</b> | AA5AM      | G0BLB      | DJ9ON      | IZ1LBG     |
| DL6CNG     | F3SG       | JA1EOD     | I5HOR      | DK5AD      | JA0DIN     |
| EA1N       | JA1SYY     | JA1VSL     | JA2XW      | HB9CEX     | JA1LSP     |
| EA6VQ      | JA1XCZ     | K1AR       | JA3GN      | JA2NDQ     | JE1LFX     |
| G3NDC      | JA7QVI     | K8QM       | JA6WJL     | K8GI       | JG8FWH     |
| HA1RB      | JH1AGU     | K9ZO       | JJ3HGJ     | KC7V       | JK1GOK     |
| IZ8FFA     | JH1QAX     | NN4SS      | K2SHZ      | N7US       | K4SE       |
| JA2AH      | JR1BAS     | NU8Z       | K3RA       | N9RS       | MM0EAX     |
| JA2ZL      | K1HT       | R9TO       | K9RX       | UY5AA      | PY7DJ      |
| JA5XAE     | N1IBM      | RU3DX      | NI6T       | ZL3JT      | RN3QN      |
| JR4OZR     | N5ORT      | RX3AGD     | W7DO       |            | SV2AEL     |
| JR9LKE     | RU3QR      | SM2OAN     | W7OM       | <b>303</b> | WB5JID     |
| K2LS       | SV1CNS     | UA4LY      | WA5VGI     | E72U       |            |
| K5AQ       | W7CT       | W2JU       |            | EA3GHZ     | <b>300</b> |
| KB0EO      | W8HW       |            | <b>306</b> | G3LZQ      | 9K2OD      |
| KC9ARR     | WB8BPU     | <b>308</b> | DL1KUR     | HL3IUA     | AC0A       |
| LA7AFA     |            | DL2CHN     | DL5EBE     | HL4CJG     | DL1TRK     |
| MD0CCE     | <b>311</b> | F4BKV      | HB9DDZ     | IK2RPE     | DL4CF      |
| OE1AZS     | CT1FMX     | HK4SAN     | IK4PLW     | IK4ADE     | EA1AF      |
| OE1ZL      | IK0PEA     | IU7QBB     | JE2LPC     | JK1EXO     | EI2GLB     |
| SM4DDE     | IZ2AMW     | JA1IZZ     | K5WAF      | K7WP       | IZ5RVG     |
| SV1DPI     | JA2XYO     | JA2WYN     | KD3CQ      | K7ZA       | JA1SVP     |
| SV1JG      | JA4MRL     | JA7IC      | N4TL       | K9MK       | JA9AA      |
| UA6MF      | JR6FC      | JA9TWN     | OE5RLM     | K9US       | K3XA       |
| UT9FJ      | KM4H       | JG4AKL     | R8TX       | KB1JZU     | K8GG       |
| UX0FF      | OZ4O       | JH1SJN     | R9FM       | LA3WAA     | K8TL       |
| YU3AA      | PY2XU      | JL1RUC     | UN7JX      | RL3FA      | K8VfV      |
|            | SV2DGH     | K0GY       | US5WE      | RW4NN      | PA3CSR     |
| <b>313</b> | UR0MC      | K0KVR      | WE9R       | SM6CUK     | UR5EDX     |
| 5B4MF      | WB9CIF     | K2UU       |            | SP2BMX     | W3OA       |
| CT1GFK     | WD0DAN     | K8OM       | <b>305</b> | SP3IBS     | W3RJW      |
| I3BUI      |            | KI0KB      | DJ4XA      | SP7HOV     | W5VY       |
| JA1GRM     | <b>310</b> | KN5O       | HB9TKS     | SP7ITB     | W6TC       |
| JA5IU      | HB9SLO     | KS1J       | JA1IOA     | W1SKU      | W9AJ       |
| JA6VQA     | JA0CRI     | N8TR       | JA2VQF     | WT8C       |            |
| JA7JWF     | JF8QNF     | NQ1K       | JA7BWT     |            | <b>299</b> |
| JF2UPM     | K0KX       | OE3SGU     | JA9GPG     | <b>302</b> | DM2DXA     |
| JG3LGD     | K5XI       | R7NW       | JE6TSP     | DJ5JH      | EW2A       |
| JH1NYM     | K6RO       | SP9JZU     | JH7RXU     | F5CQ       | G3SVD      |
| JR1BLX     | K8AC       | VA5DX      | JR2UBS     | HB9DDO     | HB9RG      |
| JS3CTQ     | K8FL       | VU2NKS     | K0JUH      | HL2IFR     | IK5RUN     |
| K4SO       | LA9AJA     | W2QO       | KG4W       | I1EIS      | IZ4MJP     |
| K6KLY      | NS6C       | W5ADD      | N9AU*      | IW1ARB     | JE1DXC     |
| LA7JO      | RA0FF      | W6ENZ      | PA5TT      | R5DT       | K6SIK      |
| LB8DC      | RL9F       | W9MU       | RA9CMO     | RK4FD      | KB8VAO     |
| N2NL       | SP6HEQ     | WA8WV      | SM3NXS     | W0VX       | N9FN       |
| N8KOL      | W0YG       | YS1RR      | UT2UB      | W4QN       | UA9FAR     |
| NN4R       | W4BP       |            | W1YM       | WD4LBR     | UN6T       |
| SP3CGK     | WB0TEV     |            | W5AJ       |            | VE3BW      |

|                                                                                                                                                                                               |                                                                                                                                                                                                                                      |                                                                                                                                                                                                 |                                                                                                                                                                                  |                                                                                                                                                                                                                         |                                                                                                                                                                      |
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| <b>298</b><br>5B4AHJ<br>DL7BA<br>G5LP<br>HB9BOI<br>IW0HQE<br>JA1WSK<br>JA4ITW<br>JA5BEN<br>JL2JVX<br>JR7WFC<br>K2PK<br>K8EUR<br>ND0N<br>PY2VA<br>ZL1BYZ                                       | <b>295</b><br>DL1DUO<br>EC3A<br>IW0SAF<br>JA1BPA<br>JG0CQK<br>JH4ALY<br>JM1FHL<br>JN1RQV<br>K0TPP<br>K1GG<br>K4XD<br>K5VIP<br>K5ZK<br>N7TY<br>NA5C<br>RM0F<br>SM5FUG<br>SP8HKT<br>SV1GYG<br>VU2PTT<br>W5LT<br>W6XK<br>W7AL<br>WA9PIE | JK1TCV<br>K4JAF<br>KD0Q<br>N2LM<br>N4RWG<br>PY2IQ<br>S55DX<br>W7ZJ<br>WA4FFW<br>YO2CMI                                                                                                          | <b>290</b><br>AA4A<br>I4KDJ<br>JA1KQX<br>JA1QXC<br>JE2DZC<br>JE2EHP<br>KD0PO<br>LA2QM<br>LA5LJA<br>LU3CQ<br>PP1CZ<br>SK3PY<br>SV3AQR<br>UN7LZ<br>UN7TW<br>W1EQ<br>W2LK<br>WB9EEE | <b>287</b><br>9M6YBG<br>AA8LL<br>AA8R<br>IV3GOW<br>IW1QN<br>IZ8FWN<br>JA1XPQ<br>JA2ATE<br>JE2OVG<br>K0AZ<br>K5RT<br>LA3MHA<br>R9SA<br>SM5ARL<br>W1VT<br>W4YCH<br>W8AV<br>WA6F                                           | JA0PE<br>JA2IYJ<br>JA2VMU<br>K6GXO<br>K6PJ<br>LA8HGA<br>N8LJ<br>OE1WHC<br>PE1L<br>WK7E                                                                               |
| <b>297</b><br>E73Y<br>HB9CQK<br>JA3RQ<br>JE7JDL<br>JE8CLT<br>K4MS<br>K6ND<br>K8WK<br>K9SM<br>KG7H<br>KT1J<br>W6YI                                                                             | SM5FUG<br>SP8HKT<br>SV1GYG<br>VU2PTT<br>W5LT<br>W6XK<br>W7AL<br>WA9PIE                                                                                                                                                               | <b>292</b><br>DL5CW<br>E72A<br>EA5AT<br>G4GIR<br>G8DX<br>HB9BAT<br>IZ3ETU<br>IZ8VYU<br>JA3EOP<br>JH0BQX<br>K3FRK<br>K5DHY<br>K7ZD<br>LU4FPZ<br>N8II<br>R6AF<br>SP5IWA<br>W4VIC<br>W6SR<br>XE2CQ | <b>289</b><br>4Z4DX<br>AJ6T<br>AJ9C<br>DL9TJ<br>EA6ET<br>JA8EJO<br>JA9FPI<br>JA9IFF<br>JG1WSC<br>JH4GJR<br>K3UL<br>KK0M<br>R0FA<br>RA1QD<br>S57AT<br>VE3EK<br>W9YSX              | <b>286</b><br>AB5A<br>CT3HF<br>DL2VPO<br>DS1JFY<br>HB9RYZ<br>HL3GOB<br>IK0AGU<br>IK0XBX<br>IZ8XQC<br>JA2FGL<br>JE3ENP<br>JF2WGN<br>K1LPS<br>K1RO<br>K5PS<br>LU8EKC<br>N8SNM<br>UR5WA<br>VE1JBC<br>W3GQ<br>W6PJ<br>W8AXI | DL6JZ<br>EI9FBB<br>GM3YOR<br>JA0DET<br>JA8CJY<br>JG3SKK<br>JH3SIF<br>JN1BMX<br>K9NW<br>N4LR<br>OE2GEN<br>SM0CCM<br>SM6CTQ<br>W2AY<br>W4FQT<br>W5ODD<br>W8BBQ<br>W9MJ |
| <b>296</b><br>AA4R<br>AA8OY<br>AD6W<br>CT1DOF<br>EV1R<br>GM0AXY<br>JA1JAT<br>JA7LGE<br>K6FW<br>K8VC<br>LA8PT<br>N0RB<br>RA3QK<br>SM6BZV<br>SV9COL<br>UA6YW<br>W2GG<br>W9JA<br>WA3AFS<br>YO2RR | <b>294</b><br>AI9L<br>CT1FCX<br>EA6NB<br>HA9PP<br>JA1FQI<br>JA5SUD<br>JE1GWO<br>JJ1DWT<br>JR1DUP<br>K0BBC<br>K3PA<br>K7ZV<br>KZ4V<br>N0KV<br>OE5BWN<br>RU6L<br>SV3DCX<br>W3JX                                                        | <b>291</b><br>G0EHO<br>IT9CVO<br>JA3ENN<br>JA9FAI<br>JH1BAM<br>K4ZO<br>KP2A<br>LA5HE<br>N2TN<br>N7IR<br>N7RO<br>VE3CFK<br>W7BEM<br>W8TN<br>W9FR<br>ZL4TT<br>ZS2DL                               | <b>288</b><br>IZ0RVI<br>JA2JRG<br>K1DG<br>LZ2JE<br>N5LZ<br>N6UK<br>ON6AA<br>PY2KP<br>UA3AGW<br>W1YIF<br>W2LE<br>W2NO<br>ZS2EZ                                                    | <b>285</b><br>4X6ZK<br>CU2DX<br>DL2SWN<br>EA3GHQ<br>EA5KA<br>HL2WA<br>IK8VRH<br>IZ8DFO                                                                                                                                  | <b>283</b><br>DF2GH<br>JA1RTX<br>JG3FEA<br>JL1XMN<br>K3WW<br>KJ6P<br>OE8SPW<br>W1LW<br>W6BJH                                                                         |
|                                                                                                                                                                                               | <b>293</b><br>DL1HRN<br>DL1SMA<br>EA3WD<br>IK0HFO<br>IV3YYK<br>JA2CXF                                                                                                                                                                |                                                                                                                                                                                                 |                                                                                                                                                                                  |                                                                                                                                                                                                                         | <b>282</b><br>K1DT<br>K1USA<br>K5UO<br>K8ROX<br>N6TA<br>OH4UI<br>PC3T<br>RD3AW<br>SM4CTI<br>UA0BA                                                                    |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W1OPD      | <b>278</b> | W4MAY      | JF1LMB     | VE6LB      | IK0UTM     |
| W4OX       | 9A4T       | W5GO       | JH1OBS     | W8HC       | IW7DVM     |
| XE1KK      | EA8RR      |            | K1UU       |            | JA3BXF     |
| <b>281</b> | EI9JF      | <b>275</b> | K7EG       | <b>269</b> | JA6GPR     |
| AD5Q       | F2NH       | CT1FPQ     | K8BL       | IK7FPV     | K8AJS      |
| BA4RF      | JA8LRG     | JE1BMJ     | KA1ERL     | IK8EPC     | PZ5RA      |
| EA5OX      | K2UR       | JG1OGM     | KI4GE      | JA1OVF     | RA4CA      |
| F3AT       | N4HB       | N2JJ       | N2DPF      | JA1VLK     | SV1HEP     |
| I1FQH      | N9ISN      | N7KA       | N4JQQ      | JH3FHQ     | W0FLS      |
| IZ8FDH     | SM0NJO     | N8PW       | N6PSE      | JP1NWZ     | W7YAQ      |
| K0GD       | SM4AZQ     | ON5UE      | N9RD       | K0KT       | W8MET      |
| N2WB       | VE3CRG     | PA7RA      | OE5FIN     | N4UOZ      | WB2GAI     |
| N5GH       | W8MHW      |            | PA0ZH      | N6RV       | WB3LHD     |
| OZ1IKY     | W9HBH      | <b>274</b> | SV1ACK     | NW7E       |            |
| SM5ENX     | WF2S       | EW1KP      | W2OO       | OM4EX      | <b>265</b> |
| W0LS       | WT4Q       | IW0HOU     | W3ACO      | SM5FWW     | 4F2KWT     |
| W8KEN      | <b>277</b> | JA8ZO      | W3AP       | WA0RVK     | G3WPH      |
| WN6W       | EU1KY      | JH1IAQ     | WA1S       | YB1AR      | JA4FM      |
|            | F5UJK      | K3PT       | WL7E       |            | JH1ACA     |
| <b>280</b> | JA8DNV     | K6UM       | ZS1A       | <b>268</b> | JR1WCT     |
| CT1EAV     | JA8EOT     | KA8SYV     |            | 7M4AOE     | K2CBI      |
| GM3PPE     | JH3KAI     | KA8ZPE     | <b>271</b> | HB9BUN     | N5KM       |
| HA5VZ      | JK1UNZ     | KS3F       | 4X1RU      | HB9IQB     | N9JV       |
| IZ3ENH     | K2AJY      | RA5BM      | HL4GAV     | JA1NWD     | NU1B       |
| JA3XNH     | K8UT       | SV9AHZ     | IK2DZN     | JH4HMG     | NV9L       |
| JA6TMU     | UW2ZM      | UA3ECJ     | IZ8EJB     | K2KA       | W6RS       |
| JA9NLE     | W1KSZ      | <b>273</b> | JH1OCC     | K6BV       |            |
| JF1NZW     | W2PP       | AB4SF      | JM1HJG     | K6IPM      | <b>264</b> |
| JH1BNC     | W3BW       | CT1BWU     | K3PU       | KD4W       | 4Z1UF      |
| JH1HHC     | W8RLS      | DH2PC      | KB1EFS     | LA0FA      | EA1KP      |
| JR6LLN     | WA3C       | EI6FR      | LB2TB      | N2AJ       | F6DBX      |
| JR7FRW     |            | IZ4DPV     | NN4X       | N5JB       | HB9DHG     |
| K4WNW      | <b>276</b> | JA1KPH     | OZ4VW      | SM6BGG     | IZ0NRG     |
| PY2DS      | AA6AA      | JA2TBS     | UA3TT      | W2FV       | JA1IAZ     |
| SM5CZK     | DK3WW      | JA6BEE     | W1MK       | W9OO       | JA7HRM     |
| UT7UV      | HB9LCW     | JH3GCN     | W7MEM      | WA1YTW     | JR4LNG     |
| VK3HJ      | HK1MW      | JJ3CJP     | WA0MHJ     | XE1MEX     | K1CA       |
| W8LGJ      | IZ5BAM     | JM2RUV     |            | <b>267</b> | N1EN       |
| ZS4TX      | JA2XCR     | N4IG       | <b>270</b> | IV3VBM     | N1GC       |
|            | JA7FWR     | NA5DX      | 7K1PTT     | JA2QXP     | PA7TWO     |
| <b>279</b> | JA7LMZ     | OZ1ACB     | AA4FL      | JA7BEW     | SV1CQN     |
| JE8TGI     | LA9VFA     | OZ1LCG     | BA4MY      | JA8UIV     | VE3YF      |
| JF2XGF     | N5MOA      | RW7M       | CT3MD      | JJ1TKN     | VE6AX      |
| JH7BKN     | ND4X       | W4HG       | DK8MCT     | K4RG       | W5PF       |
| JO4CFV     | NK0S       | W8QZA/QRP  | EA1KY      | K5VWW      | W6TMD      |
| KF2DT      | OH1JP      |            | F9XL       | K7XB       |            |
| KQ4AV      | ON4CAS     | <b>272</b> | K0BJ       | KI5BLU     | <b>263</b> |
| OH1ZK      | RX4HZ      | AF9H       | K7UA       | N3VA       | DK4TP      |
| VE3DZ      | SM5CLE     | DS5ACV     | K9JF       | SM5BMB     | EA3CJ      |
| W4UCK      | W1YRC      | F5PBM      | K9MBQ      |            | EA4DL      |
| WB2BIN     | W1ZT       | I5OYY      | N4QQ       | <b>266</b> | HA7UW      |
| WO7R       | W2OIB      | IK5PWN     | OE3HWC     | EI8IU      | JA7XBG     |
|            |            |            | PU2POP     |            | JR8AMF     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K1KO       | <b>260</b> | <b>257</b> | VR2XMT     | DL2RTL     | UN3GX      |
| K4KAY      | AA9A       | AF4HX      | VU2CPL     | JA1DDZ     | VE3YV      |
| K8FH       | EA8MT      | DJ0UT      | WS9V       | JA1SKE     | W0RX       |
| K9FN       | EA9IE      | DL9FCY     |            | JA5BGA     | W8IQ       |
| KN6KI      | EC1AIJ     | EA1JO      | <b>254</b> | K4VIG      | W9RC       |
| N1RR       | FG5FR      | EA7SG      | BA7IO      | K8CW       | XE2D       |
| N7BT       | JA2FBC     | EB3CW      | CT1BWW     | KG9Z       |            |
| NF1G       | JA3VPA     | IK2PZC     | IZ5YHD     | KJ7TEA     | <b>248</b> |
| SM7IUN     | JA3WLN     | K1SM       | JF2WXS     | N4SC       | AK5X       |
| WA4LOX     | JH3FUK     | N1API      | JH1VUO     | N5UL       | G3VPW      |
| ZS6NJ      | JJ2WOC     | N6HC       | K3SEW      | NV4B       | HB9DOT     |
|            | K1ESE      | PY2MC      | KI1U       | W2JLK      | HL2KV      |
| <b>262</b> | K6EME      | RU1AB      | LA5YJ      | W3ABT      | JE2VLG     |
| CU3EJ      | K8YSE      | SV1VS      | NE8P       | W4SK       | JJ1SKG     |
| I5REA      | LY1G       | W0JM       | UA3O       | W5GAI      | KF7F       |
| JA8BAR     | N6MZ       | W3FI       |            | W6DE       | N4XP       |
| K0DD       | NT5V       | W5DM       | <b>253</b> |            | N6KZ       |
| K2SN       | SK7AX      | W8MJ       | AC9O       | <b>250</b> | SV1IW      |
| K8AV       | SV1FJP     | WV4TN      | JA6IVR     | 6K5YIA     | W2TB       |
| LA6UL      | TG9NX      |            | JA8XQI     | EA1RT      | W8IW       |
| LA9FFA     | W2XI       | <b>256</b> | K1FEV      | F6HLC      |            |
| LA9GX      | WA5LFD     | BH4QYX     | K6MKF      | HA7TM      | <b>247</b> |
| N3RC       | WV8DX      | EC1A       | K8DV       | HB9EFK     | CT1FUH     |
| N8OC       |            | FG8OJ      | KE1F       | HI8R       | JA1PBV     |
| NK4L       | <b>259</b> | GU0SUP     | N7XR       | JH6PFY     | JJ1BMB     |
| NX0I       | CT3KN      | IK4HPU     | UA0FO      | JL1MWI     | K1PL       |
| SP6JIU     | DJ8NT      | JA0KJE     | W2/CT1GIF  | JR0EQQ     | K3VAT      |
| W0GG       | EA3EQT     | JF2VAX     | W6RW       | JR5JAQ     | KH6M       |
| W5ZG       | EW1BA      | JH1RGG     | WF4U       | K9YC       | N4QWZ      |
| W6NWS      | JA8BNP     | JM1GHT     | YB0COU     | K9ZM       | N7DED      |
| W7LGG      | JE2RDO     | K4JJW      |            | KQ3F       | NA9RB      |
| W7QDM      | K2UFM      | K6EID      | <b>252</b> | OH2IS      | PY5IP      |
| W9PZT      | NI3P       | K8RRT      | DL7UPN     | PA0JSE     | W7IB       |
| WA3GFM     | PY5CC      | M0TTB      | F1ICS      | PY2FN      | W9JJB      |
| WB8ART     | W1KDA      | N1SV       | G3KWK      | UN3G       | WS5W       |
| WQ6Q       | W7AH       | NA5Q       | G3NKC      | W7HPW      |            |
| YB2DX      |            | VK3NX      | JA1BNW     | W7IU       | <b>246</b> |
|            | <b>258</b> | W8JRK      | JA4HAW     | YL2KF      | AA7G       |
| <b>261</b> | CU3EQ      | WB7B       | JE1HRC     |            | AF5CC      |
| DK3PZ      | DK7YY      |            | JF3PNQ     | <b>249</b> | FG4NO      |
| G3UAS      | HL3AMO     | <b>255</b> | JH4CBM     | HL2CFY     | GW4TSG     |
| IZ8IEV     | IK4AUY     | AI6Z       | JL1BYZ     | IZ8GGF     | HL2EIZ     |
| JA3FHL     | JA9AGN     | EA5RD      | K1EFI      | JA1EMQ     | IV3KFB     |
| JA4VLK     | K0TT       | F6ECI      | K5FZ       | JA8FFM     | JE1VTZ     |
| K2FW       | KH2L       | HC1BI      | KB9DAK     | JH8GEU     | JK1WSH     |
| K7LJ       | SA0AQT     | HL3DE      | W2GW       | K0GW       | JR7GBL     |
| KM1D       | US0YA      | IV3TMM     | W2ZI       | K9NR       | KB6CIO     |
| LA5SJA     | W1SSN      | JA1VRU     | W7CA       | KM6HB      | N6PM       |
| OM8FR      | W5JAY      | JK1OPL     | WV6E       | N0RN       | W1KMA      |
| SM7CQY     | W9EWZ      | JR3UIC     | WV9L       | N3KN       | W3ICM      |
| ZS6WB      | ZL2IFB     | KR4F       |            | NH6T/W4    | W5ZO       |
|            |            | N1RK       | <b>251</b> | OZ5NJ      | W8OP       |
|            |            | N5BO       | 9A4W       | SM4OLL     |            |

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|------------|------------|------------|------------|------------|------------|
| <b>245</b> | KJ7M       | JA9NFO     | YO3JF      | JH5HDA     | <b>231</b> |
| AJ8MH      | N2NS       | JE2UFF     |            | JK1BSM     | AD5WB      |
| EA4DEI     | N6HY       | JH1DGJ     | <b>236</b> | JR1VAY     | DK6OR      |
| G3KMQ      | RC2A       | K1XV       | HB9DQV     | JR4LZX     | HL2ZN      |
| HA5PT      | VK3BDX     | K2XF       | HB9ZS      | K4MF       | IK1IYU     |
| JA3QOS     | W8CZN      | K4QE       | JA1HOM     | KE5FXE     | JA1MZL     |
| JJ6DGP     | W8GNM      | K8YYY      | JA1JYE     | KE8UM      | JH0AWC     |
| K3EA       | WB8K       | N8SHZ      | JA3KNN     | KX2A       | K2RU       |
| KF7PG      |            | NF4A       | JH1UBK     | ND4V       | K4YJ       |
| N0AH       | <b>241</b> | OE3KLU     | JN1NOP     | W3WST      | K5IB       |
| N2NW       | AB5C       | OH7TV      | K1ACL      | WA4JQS     | KD6UO      |
| NZ3O       | IS0AFM     | WA6JA      | KM3J       | WA5UA      | LZ2XF      |
| S55ZZ      | JF6XQJ     | WB4KTF     | KS4S       |            | NA4EA      |
| YB0NFL     | JP1IOF     |            | N4GN       | <b>233</b> | SM7NDX     |
|            | K3WWT      | <b>238</b> | N6IE       | AA9GR      | VU2DCC     |
| <b>244</b> | K7KB       | G8AJM      | OE2BZL     | AA9RR      | W2DXE      |
| IK8UHA     | KV1E       | HB9MFM     | OZ7FOC     | AJ4A       | W4UDH      |
| JA1CZI     | N4OA       | JA0LXP     | PA0TCA     | DH0GSU     |            |
| J16IHG     | N9SF       | JE1PNX     | VU2CDP     | DS3HWS     | <b>230</b> |
| JJ1QUV     | PA3BWD     | JF0JYR     | W0HBH      | EA5AR      | G3LUW      |
| K0KG       | W5DNT      | K9GA       | W2YR       | JA0KJD     | JA5NPV     |
| K1KA       | W5QM       | K9OR       | W3FOX      | JA3NHL     | JA6AVT     |
| K1YR       | WA8MCD     | KA4RRU     | W4GIW      | JH1SOD     | J11VVB     |
| KK1W       |            | KF9UG      | W6DR       | K8BN       | N9PGG      |
| SP6A       | <b>240</b> | M0CSD      | WA1PMA     | K8EAB      | SV8CKM     |
| W0QQ       | 7K1CPT     | N4PJ       | WY6N       | N9BX       | W2KA       |
| W4REX      | E21EIC     | N5ZC       | YB2TX      | NE3F       | W8FIB      |
| W5PJR      | G7SSE      | N9UA       |            | SM0XBI     | W8WVM      |
| W9FI       | IW3GJF     | W4KA       | <b>235</b> | W2NRA      | W9YE       |
| WA2USA     | JA1DM      | WA4QMQ     | EA7QW      | W6YOO      | WB2NPY     |
| WA3F       | JA2FSM     | WB0TVY     | EI2HY      | WB2KSK     |            |
|            | JH1APK     | ZL4AS      | EU1U       | WD8PKF     | <b>229</b> |
| <b>243</b> | JN1NBU     |            | JE1IBI     | WE4S       | AA3LX      |
| DS5TOS     | KF0LA      | <b>237</b> | JH2VVH     |            | AE0P       |
| G4XRV      | N0ABA      | CT1BOY     | K0EOO      | <b>232</b> | AH0U       |
| JA2EPW     | S51NM      | G0VXE      | K0VSH      | AC9EM      | DL8SDC     |
| JS6TWW     | SM3LGO     | HB9CXZ     | K5CWR      | EW4C       | IK2GAJ     |
| K8ME       | SP5LKJ     | HB9JOE     | K8ZM       | G3XLF      | JA2VHO     |
| W1BR       | UX5UO      | JF2OZH     | N2FF       | HB9DVO     | K0HD       |
| W4PNY      | W0SZ       | JH1DGQ     | N4IQ       | JH0OXS     | K3FM       |
| WX2U       | W8WEJ      | JR0QFA     | NA5Z       | JH6DUL     | K4CMS      |
|            | WA4CEM     | K1RV       | NW4M       | JR3VMJ     | KD1F       |
| <b>242</b> | WB8CQV     | K2NV       | TA1CM      | K4ST       | KI4DLS     |
| G4FKA      | XE1RBV     | K9JU       | W3MR       | K5FNQ      | N3PS       |
| JA4ZA      |            | LB5WB      | W7YW       | KK9H       | N4NW       |
| JH1ERJ     | <b>239</b> | N4HID      |            | NJ7G       | NE6I       |
| JH1WJR     | AG1A       | SM0MPV     | <b>234</b> | NY2NY      | W1WC       |
| JH4ADK     | DJ9RR      | W6AER      | DF7EE      | RQ3A       | YB1TJ      |
| JK1VXE     | I0JBL      | W8UN       | DK2CC      | SV8DOU     |            |
| JR1MLU     | IZ1JMN     | WA0ROI     | HB9BYQ     | W6CYX      | <b>228</b> |
| K3NQ       | IZ2FOS     | WB8B       | HS1NGR     | W9ZCL      | 7J1ADJ     |
| K4PB       | JA6CBG     | WB8ZRL     | IK0LNN     |            | AA0MZ      |
| K7FEL      | JA7KE      | WC3W       | JA2OLJ     |            | F1RAF      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| F5LIW      | JA4CZM     | <b>222</b> | <b>219</b> | JH7WQX     | AG3V       |
| JF1RYU     | JE2EBT     | AK5Q       | F5JSD      | K7LV       | DK3UA      |
| JF1WLK     | JF1MTV     | DJ9SO      | HB9BNQ     | KK4OW      | HB9HIT     |
| JH2PWY     | JH8NQV     | DL5XL      | HL5BMX     | KR4W       | IV3FFI     |
| JH3GFA     | JL3OUW     | E77S       | IK5QPS     | KX4TT      | JA1FVS     |
| K4JC       | K0OK       | IZ7AUH     | JA1FJJ     | LB6KC      | JG3RWX     |
| K4KGG      | K1JIU      | JM1VRW     | K4MV       | NC4RB      | JR1EFG     |
| KB1DMX     | K2HAT      | K2AT       | K5CD       | PS8ACL     | K5ALQ      |
| KE0A       | K3SF       | K6ZZ       | K5JZ       | W0SR       | KK2M       |
| KE4UW      | K4JWA      | KB5UNX     | KD2T       | W5VQ       | N6PEQ      |
| RA3QUA     | K5YU       | KS4YT      | KE6V       | W9MO       | N8GP       |
| UN9L       | MU0FAL     | KU8X       | KG6I       | WB3D       | NA2M*      |
| VR2CH      | N0ODK      | RA4P       | KI7AO      | WS1L       | VK3FM      |
|            | N2SQW      | VE7BV      | KR6C       |            | W1LE       |
| <b>227</b> | NA2AA      |            | N1KC       | <b>215</b> | W3BJ       |
| DF8FT      | W5GZ       | <b>221</b> | N6DX       | 9H1EJ      | W7HR       |
| DL2RUM     | W5LO       | EA2AAZ     | W6GRV      | AA7XT      |            |
| I0MWI      | W5TFW      | HB9HBZ     | WA3I       | DS4GKF     | <b>212</b> |
| JA0DWW     | W8UV       | IZ1JLG     | WW8W       | HB9IIO     | G4ZOY      |
| JK1SQI     | W9KVR      | J11NJC     |            | I1YDT      | JA1BWA     |
| K1GE       | WE1P       | K4CGY      | <b>218</b> | I5XFD      | JA3LDH     |
| K5GH       | YO9FNP     | K5DV       | DL2NOM     | IZ0BVU     | JR2PZX     |
| LU6ETB     |            | KU4XO      | DL4NBE     | JP1GUW     | KU4BP      |
| N1NU       | <b>224</b> | KV4AA      | I7PXV      | JR0AMD     | N4FN       |
| N6OJ       | JA1OVD     | N4TOL      | JH1OGT     | JT1BV      | SM5AOG     |
| NA9Q       | JA8NFV     | N9JR       | K1NJ       | K1TZQ      | VK5GR      |
| W4DEE      | JO1LVZ     | RU0SN      | KE3D       | KF4NEF     | W5DAW      |
| W5SL       | K1CBK      | W0BM       | KR2Q       | KO6KD      | WW2DX      |
| WA9GON     | K2TER      |            | N4JT       | N8NN       | YL2TW      |
|            | KZ5DX      | <b>220</b> | SM7WVZ     | RN9N       |            |
| <b>226</b> | N3RW       | AA6RR      | TZ4AM      | W0FG       | <b>211</b> |
| DM2RM      | N7WO       | DL4DW      | W5GA       | W0TT       | AA8SW      |
| EA5B       | RW4CY      | DL4LAM     | WA2NPD     | W1JGS      | JE2KSM     |
| I0OSI      | SM7BHH     | EA5DFV     | WC2K       | W4IS       | JJ1KZZ     |
| JH1IED     | SP6AXW     | EI9FVB     | WC4H       | W6SL       | JO4JDU     |
| K2BA       | V51B       | K1DJ       |            | ZL2AL      | KT2C       |
| KK4OK      | W5RF       | K1NTR      | <b>217</b> | ZS2Y       | N1BY       |
| N2KX       | W7NN       | K4EU       | IK0CHU     |            | SM7GIB     |
| N5ET       | WB0O       | K4MIJ      | JA2NNF     | <b>214</b> | VR2XLN     |
| N6BM       | WN6K       | K5MT       | JA7ZP      | 3A2MW      | WY1G       |
| N9AOL      |            | K6MM       | JG5RVQ     | DJ3AS      |            |
| NG7M       | <b>223</b> | K7AWB      | K0NV       | F4GVO      | <b>210</b> |
| VE3SKX     | AB4UF      | K9WX       | K1RH       | HB9VAB     | AA4LR      |
| VE7TK      | AF2C       | KV4T       | N6QI       | JN7DOS     | CU3AN      |
| VK4CAG     | EA7DUD     | KZ9DX      | OZ0J       | K0QQ       | K3SX       |
| W9DX       | I8MTQ      | NY1V       | W0TM       | K2AZ       | KD4SN      |
|            | IK2RZP     | ON4ATW     | YO3IPR     | PY2RO      | KD8RQE     |
| <b>225</b> | IZ8MBW     | SM0DSF     |            | SP7ICE     | LU4FW      |
| DK5RL      | K6IPV      | UR4IOR     | <b>216</b> | W0KCJ      | PY2WC      |
| DS4AOW     | KI6CG      | W5THT      | CX2CC      | WB6BFG     | S54A       |
| DS5DNO     | KW4V       | W8LMG      | DJ3XG      |            | W5WP       |
| EU1M       | N4ENE      | XE2X       | EA2AFV     | <b>213</b> | W6WF       |
| JA0EVI     |            |            | G4VMX      | 9A1AD      | W7FP       |

|                                                                                                                                                                      |                                                                                                                                                                                         |                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                                                                                       |                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W9IL<br>WK8A<br>YB0DJ                                                                                                                                                | W9QO<br>YB0MWM                                                                                                                                                                          | XE1L                                                                                                                                                                                                                                         | <b>200</b><br>HB9AGO<br>IZ5FSA<br>IZ8EKL<br>JA3EY<br>JA7DPC<br>JH1FVE<br>K1ZJA<br>KC6JAM<br>KM4VI<br>LA6OP<br>N1IA<br>PY3VB<br>VK6LC<br>ZS1DX                                | <b>197</b><br>4X4MF<br>BA4TB<br>EA1DLU<br>IT9AAI<br>IV3AVQ<br>JA2MNB<br>K6TAR<br>K8SIA<br>W4DAO<br>W4HZ<br>WQ5R<br>XE1H                                               | KP3AH<br>KR8T<br>NJ3K<br>SP6EY<br>VU2LBW<br>W4DC<br>W5UHQ<br>W7PAQ<br>WA1NXC<br>XE1R                                                                                                                   |
| <b>209</b><br>JH6RTO<br>JH8UQJ<br>K0LB<br>K0VM<br>KB2FCV<br>KB4MRX<br>N4TD<br>N9XX<br>PU1KGG<br>SM5BNK<br>W6DCK<br>W8BLA<br>W8HMK<br>WB0ULX                          | <b>206</b><br>AG5W<br>CT1HHP<br>HB9CRV<br>IW9DNI<br>IZ4DIW<br>JA4DNC<br>JF1IRW<br>K8NK<br>KK5OQ<br>KK9T<br>KW4CQ<br>N6ZN<br>N8BJQ<br>ND3L<br>NW7US<br>W7IUO<br>WA3WZR<br>WB0N           | <b>203</b><br>7L2QAD<br>DF3EC<br>F5NBX<br>IK2RGT<br>IZ0BTW<br>JA0CIU<br>JA7JPZ<br>JH8NBJ<br>K0CS<br>K4GO<br>K4JKB<br>K9OW<br>K9TF<br>KA1DJ<br>KK8MM<br>KL7TC<br>KM7R<br>N2ZA<br>N4TV<br>N6PAT<br>N7ELL<br>SV1FKZ<br>W1DYJ<br>W3BNN<br>WA3FRP | <b>199</b><br>AA3TH<br>AC0X<br>AD4AA<br>JH0RVY<br>J11WLL<br>JM1SZY<br>K4SX<br>K4VNY<br>KC2SST<br>KI4WCQ<br>MU0GSY<br>N2RR<br>PB9FN<br>V51YJ<br>W6JZ<br>W6UC<br>W9LN<br>W9RXJ | <b>196</b><br>CT3CD<br>DF2UA<br>G1VDP<br>HB9ESS<br>I7LGM<br>I8YAV<br>JA1XRA<br>JA7FAS<br>N2GZ<br>N3QE<br>NA9A<br>SP3F<br>SP5MXZ<br>W5AAJ<br>W6HYI<br>WA0WWW<br>WB5NHL | <b>193</b><br>7L4VYK<br>AE4CW<br>DH3KM<br>HI3T<br>I4UUL<br>IZ5MOQ<br>JA0AXV<br>JA1QIW<br>JA3PRM<br>K3NF<br>KM1C<br>KZ1W<br>LZ2ZG<br>N4HN<br>NN5E<br>NU4B<br>PY8WW<br>SM5ELV<br>W8NN<br>WA9DU<br>WB6CJT |
| <b>208</b><br>HP2NG<br>JH0NOS<br>K0THN<br>K4WES<br>K5RJ<br>N7WS<br>NU1O<br>NW6S<br>W1FA<br>W4WN<br>W5FPT<br>WA6G<br>ZS1J                                             | <b>205</b><br>AC9S<br>DL6UNF<br>GM0VRP<br>IK0WRB<br>IK3GBG<br>JA4DHN<br>JA7JM<br>JA7MNF<br>JO3WHB<br>K4YYL<br>K5VR<br>K9SG<br>KW1DX<br>N2KI<br>N9KW<br>OH3OJ<br>WA4MME<br>W17P<br>XE1J* | <b>202</b><br>BV1EK<br>G3SBP<br>IK5BOH/2<br>IT9ODQ<br>N8WD<br>W1AW<br>W3NS<br>W4RDX<br>W7TUS<br>W7VY<br>WE2N                                                                                                                                 | <b>198</b><br>AG7N<br>DJ0MCH<br>DL8DWL<br>IV3BSF<br>JA6ENL<br>JM1ESG<br>JR1IZM<br>K7PT<br>KA1J<br>N3ND<br>RA3BL<br>VK6OZ<br>W6SHY<br>WA2VQV<br>XE1FAS<br>YV5LI               | <b>195</b><br>CT1ELF<br>JA7QQQ<br>K4KEW<br>KE4S<br>KF9AF<br>N3XM<br>NA6MG<br>NN2D<br>OH6NIO<br>PP7LL<br>SQ7FPH<br>UR5FEO<br>VE3YXO<br>W3SB                            | <b>192</b><br>F6FYD<br>HB9FBG<br>IZ7GIT<br>K1JD<br>K6XN<br>KJ4UZU<br>KJ4YLO<br>N4XYZ<br>NC2Y<br>UR3EO<br>VA2IG<br>YB1TQL                                                                               |
| <b>207</b><br>9K2BM<br>DG5LAC<br>JA7MAD<br>JG1JPE<br>K6ZP<br>KE1VT<br>M0HIH<br>M0IKW<br>N9AKR<br>OE1JIS<br>ON4ANN<br>RD9M<br>TF3DC<br>VK2CA<br>W1MJB<br>W4GE<br>W6KK | <b>204</b><br>JJ1JMZ<br>KB5HC<br>KM9E<br>VU2IBI<br>W4GP<br>W7IV<br>WA9BZW<br>WB8BZK                                                                                                     | <b>201</b><br>DL4FAP<br>GI4OWA<br>IZ0GYP<br>K0MFI<br>K2CYS<br>N4PYI<br>PY2GG<br>RT5A<br>W1OP<br>W6AEA                                                                                                                                        |                                                                                                                                                                              | <b>194</b><br>A65BD<br>EA5ZR<br>K1LT                                                                                                                                  | <b>191</b><br>AA4NC<br>HA5CW<br>IT9IPQ<br>JH1FNU                                                                                                                                                       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JK1AJX     | RM3DA      | WV2I       | XE1YD      | G4DDL      | WA3GNW     |
| JP1LRT     | RN3CT      |            |            | IW0BYL     |            |
| K1RI       | SM4BZH     | <b>184</b> | <b>181</b> | JA1ERB     | <b>175</b> |
| K8QKY      | VA3OKG     | AA4UC      | EI3CTB     | K1ZE       | AG5CN      |
| N4DWK      | W4AEJ      | AD6ZJ      | IZ4AIB     | K3VAR      | EA6UE      |
| N7MQ       | W5SUM      | EA5RU      | JK1DDG     | KU1T       | IU8IYE     |
| NK7C       | W6DPD      | IK0HBN     | KY6R       | N4ST       | IW1PUR     |
| OV5O       | YB4CHP     | JA7FVA     | N1HO       | N5FEE      | JE3PCP     |
| OZ7DN      |            | K3JM       | N6VS       | N6DHZ      | K0KV       |
| VK2HV      | <b>188</b> | N8HRZ      | N8AYY      | OZ1HPS     | K1ROA      |
| W8UQ       | EA7AN      | NW7M       | NN9X       | W7HUY      | KD4POJ     |
| WF1H       | JA0GCI     | SM2EJE     | NV4A       | WB6AXD     | KF2OG      |
| W18R       | JH7NTW     | UN7BY      | UA9AEU     | WC0W       | KF6HI      |
|            | K2AX       | UT7KF      | W6TK       |            | KN7D       |
| <b>190</b> | K2DC       | W0PE       |            | <b>177</b> | N7NG       |
| AA4U       | N2ZZ       | W6BK       | <b>180</b> | 4X6UU      | NS3L       |
| AC4VM      | OZ9XU      | WB2HJV     | A61BK      | IW8CGX     | UA1OM      |
| DJ9KV      | PY2RN      | WB3BFC     | AA4AK      | IZ2EWR     | UA9AGX     |
| EC7B       | WV4V       | WB4YDL     | AE4M       | JA0LFV     |            |
| F4DSE      | YO2DFA     | WB5STU     | DK1NAL     | JE4RAL     | <b>174</b> |
| G3WW       |            | YB1RUS     | JH1IZR     | JF1LZQ     | AG4Q       |
| G4XEE      | <b>187</b> |            | K0IL       | JG3KLF     | DL5KUA     |
| HL4CCM     | EA5HM      | <b>183</b> | K2SD       | K2JL       | HB9HVG     |
| JA2ITK     | F4WDL      | IU0ICA     | K8SL       | K2MK       | JL6USD     |
| JH8KFE     | IK8GJR     | JA2KSP     | N7VPN      | K3OX       | JR3TOE     |
| J12UDK     | N6VNI      | JA3UNA     | NA5S       | K8YE       | K1XE       |
| K7UT       | W5ZE       | JE4CIL     | VR2XYL     | KF4VTT     | K5CR       |
| K8ZT/QRP   |            | K6LRN      | W4DSM      | SM5CBM     | K9HQM      |
| KD0AA      | <b>186</b> | NA2U       |            | VK2AAH     | K9UQN      |
| N3AIU      | AF6PK      | W2CG       | <b>179</b> | W0IKD      | N7NW       |
| N6MXU      | K5EWS      | W3ML       | DL5MHQ     | W0JW       | NG9J       |
| SM0BYD     | K5QX       | WF8R       | IK1ZNM     | W1AO       | W5JMW      |
| W2OR       | K6EGF      | YB2TS      | JA3EEM     | W4KVS      | W5WI       |
| W9ROG      | KC6X       |            | JH1XFR     | WD8KND     | WA4BIM     |
| WA8LRW     | KK0DX      | <b>182</b> | JR3ADB     |            | WA4NUF     |
| WB4GLI     | N5QS       | 4X6KJ      | K4WZ       | <b>176</b> | WQ5T       |
|            | W8RV       | I5FLN      | KB7AK      | DL6NW      |            |
| <b>189</b> | WA5IPS     | I8LWL      | KE5TD      | F4FLF      | <b>173</b> |
| I0LYO      | WB4DNL     | JA6SQR     | KJ6NZ      | G4AYU      | AB6CF      |
| IV3KCB     | WZ4RC      | J11CQA     | KZ2R       | JK1JAS     | AI9U       |
| JA1SGU     |            | K7LAZ      | N3KV       | JR1FHP     | DM6MA      |
| JG1SWM     | <b>185</b> | K9AQ       | NO0B       | K5DCW      | HB9DVZ     |
| K3DFL      | JK7LXU     | KG4JSZ     | SP5ELW     | KK7YC      | K5ZQ       |
| K3HW       | K0KP       | KL0S       | W0ZS       | KT8D       | K6UNE      |
| K5RKS      | K3PP       | KS0JD      | W1HS       | KW9U       | K7STO      |
| K5TN       | KE5BR      | LA5LT      | W4CCS      | LA4JGA     | K8JE       |
| K6UXO      | KQ4EE      | N4MIK      | W4TUN      | LA7EIA     | LA9VBA     |
| KD1AB      | OZ3SM      | N8NA       | W8QXR      | N1JP       | N7HN       |
| KY5I       | UN7BK      | N8NB       | WA6EZV     | NM1G       | N9DR       |
| N2MEE      | VA7ZT      | NZ5O       |            | VE1VOX     | NC7B       |
| N6NU       | W0QC       | VU3CAU     | <b>178</b> | W0MS       | NX2X       |
| OH2LHE     | W2WG       | W6SFK      | AA8KY      | W4LEW      | SM0EUI     |
| ON6KE      | W6RKC      | W7WZ       | EA8AXT     | W9WO       | TF3JB      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W7VAS      | N4VN       | KH6XT      | N3KS       | R3IS       | N0IW       |
| WA7BNG     | N6EM       | N1ZJ       | PT2ND      | SM7CZL     | N4MEC      |
| WY7FD      | N8VV       | N4PL       | RA0BA      | VA2LC      | N5WA       |
|            | NX4TT      | N8JS       | RL3BZ      | VU2MSA     | N8IL       |
| <b>172</b> | VE1OP      | N8OQ       | VK3TC      | W1OK       | NI5F       |
| AD0K       | VE2YG      | N9ATF      | W2FS       | W1XV       | W1TO       |
| EI1DG      | W0OGH      | PT2ADM     | WB2WPM     | W4PGM      | W9FF       |
| JA1BON     | WA4USA     | PY2SEX     | WB9PNU     | W8MIL      | YO8CRU     |
| K5TA       | YO4AUL     | TF3VS      | WC4X       | XE2YWH     | ZS6RJ      |
| LZ1XL      |            | WA0SXV     |            | YO3DDZ     |            |
| N3AO       | <b>169</b> | WA5NFC     | <b>164</b> |            | <b>159</b> |
| N5PA       | AC0DQ      |            | AC4BT      | <b>162</b> | AA3AZ      |
| N7GCO      | DM3CW      | <b>166</b> | CT3DL      | 4F1OZ      | CT1ESO     |
| SP5ES      | JA1KXT     | AL7R       | DL7JRD     | BH4IGO     | DD0VE      |
| W1ASB      | JE1PHH     | DL1SVA     | EA3HDZ     | DJ7JC      | DK8IZ      |
| WB8QZM     | K8ZZU      | GM7NZI     | EI6IZ      | DS3EXX     | EA1P       |
| YB4IR      | K9OT       | HL4XM      | IZ0GVZ     | EA2AGV     | IK0WMJ     |
|            | KI2D       | JG3KMT     | K6CF       | HS8KAY     | JA0ED      |
| <b>171</b> | N5MT       | JR6GHN     | K6GFJ      | JR4CZM     | JA4FKO     |
| AA5N       | RD3BD      | K0PX       | KA1API     | N4BAF      | JH1BHW     |
| AD3C       | SV1IZY     | K7CTV      | KD8MQY     | NP3CW      | K0IO       |
| CT2GZE     | WA6QGH     | KM4HQE     | KL7TS      | W4NBS      | K1EDG      |
| DL5MM      | WB8EKG     | KN4FO      | N2XQM      | W8FN       | K9QJ       |
| F9CI       |            | KR4BD      | N7WI       |            | KC4HN      |
| IZ0CKJ     | <b>168</b> | KW4J       | NA2P       | <b>161</b> | LA8ZAA     |
| JA3AVO     | A92IO      | SV2CLJ     | PT7DX      | HL3ERJ     | N1MD       |
| JJ1BDX     | EW1P       | VA7DX      | S50B       | JP7FSO     | N4VG       |
| JL1GYZ     | JA0PZJ     | W4PGC      | SP7QHR     | K1BZ       | NE5S       |
| JS6QOM     | JE4KCN     | W6FL       | W6SIY      | K2OP       | NF7D       |
| K2TV       | JH1ORA     | W8SAX      | W9CSX      | K4AR       | OT1A       |
| K4NTO      | JH3EQP     | WA1ZIC     |            | KM4A       | VA3NXM     |
| K4WY       | K0PC       | WA5NOM     | <b>163</b> | N7QT       | W1EBM      |
| KB0V       | K0RAR      | WB3JFS     | AA4OC      | NA6XX      | WD5BJT     |
| KC5LK      | K1VI       | YO3AIS     | AI4QQ      | OK2ZDL     | XE1MW      |
| KP4DKE     | K2SY       | ZL3RJ      | DS4NPL     | SM3PHM     |            |
| N8WRL      | KF0RQ      | ZS6IR      | EA1AZ      | W5BK       | <b>158</b> |
| NA6O       | LU8ADX     |            | F4CPF      | W5RDW      | 9J2BS      |
| ON6MX      | LX1CW      | <b>165</b> | HA5BSW     | W6DOE      | G4SGX      |
| W0MU       | N6MB       | AG6HE      | IK2ULM     | W9GG       | IK3DVY     |
| WA4DOU     | OE1ALW     | CU3HN      | JA0MRW     |            | JJ1KXB     |
| WA5KBH     | R4FAN      | EI5JL      | JA4GXS     | <b>160</b> | K4HQB      |
|            | SV1XV      | HK3PJ      | JR6LDE     | E70T       | K4SAF      |
| <b>170</b> | VR2MY      | HL1VAU     | K0ABC      | EA1WH      | K8GWU      |
| DL2JIM     | WA9IVH     | IK0XIH     | K0CF       | JA1ITJ     | KB2XJ      |
| EI5KO      | WX0Z       | JE4WOK     | K4GN       | JA1UOA     | KF7NN      |
| EI6AL      |            | JF1KML     | KE1B       | JF3VEC     | KJ7NO      |
| JA1GVT     | <b>167</b> | JR1KBJ     | KO4PRE     | JG2LGM     | N4XMX      |
| JG1GJH     | JA8BOV     | K3VPZ      | KW4MM      | JK1EBA     | N6MM       |
| JK1BIB     | JE3FOR     | KG4CUY     | LA1CO      | JK1NPH     | N8TFD      |
| JQ1YIW     | JQ1PCX     | KG5NP      | N0AMI      | JR1CAD     | OH3DP      |
| K6JJ       | KB8NTY     | LA2XPA     | N4KM       | K7LY       | W0JMP      |
| K7CU       | KD3HN      | LB7ZG      | N7KDT      | KC9K       | W8LIG      |
| LA2GH      | KE3X       | N2RJ       | N9LEO      | KM4NS      | WB2RAJ     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| WB9B       | K2DF       | W3DIY      | WC2C       | <b>148</b> | SP9IZV     |
| WB9ZNZ     | K4EZY      | W8OM       |            | 4F3BZ      | TF4M       |
| WT2P       | K4WM       | W8VK       | <b>150</b> | A71AM      | WA2MUA     |
|            | KM2O       | WB4SON     | DK3BK      | AE0MO      | WA3SKQ     |
| <b>157</b> | M0IFT      |            | DK3FB      | IW5EIJ     | WW8RT      |
| 7N3IJT     | N1QY       | <b>152</b> | DL9SAD     | JF2AIJ     | XE2B       |
| AB2E       | NK7Z       | 4O3A       | HB9EBM     | JR3PKO     | YB1BML     |
| E20YLM     | NO9E       | AC6BW      | IT9ABN     | K4TXJ      | ZS6UT      |
| EI2JD      | OE1HHB     | BX5AA      | IZ2MHT     | K5LY       |            |
| GM4KHE     | UT7EC      | DF2WF      | JA1IHD     | KA3GWD     | <b>145</b> |
| JA0NZR     | W5SV       | DU1KT      | JA6SUY     | KB8ZUN     | 5T5PA      |
| JA1UBZ     | YB1AYO     | G0THF      | JA7GZM     | KD4EE      | AA5TL      |
| JA3MHA     |            | G4AFJ      | K5HK       | LZ1MDU     | AC7JM      |
| JE3OUW     | <b>154</b> | IK5BSC     | K9RT       | N0TK       | AL7TC      |
| JG1XBM     | AC8TO      | IZ0FUW     | K9UWY      | NJ6K       | DL1MEV     |
| K0SRL      | AJ8B       | K2EK       | KI7M       | PY2CP      | EA4S       |
| KB7QFE     | DS5WQT     | K4RDU      | KX5U       | VE6TL      | EA7LS      |
| KN7Y       | JA0GZZ     | KD2OV      | N6JOJ      | W4AG       | EI7GY      |
| N0SL       | JA4HXF     | KE9S       | N8IK       | W4MA       | F1OBJ      |
| N4MI       | JA8ANQ     | N9GKE      | N9IO       | W9GM       | F5NNN      |
| N4QM       | JE6PJP     | ON4LG      | NM4SH      | W9MAK      | JH1CTV     |
| N6VH       | JH1AQN     | R9JX       | ON6ZV      |            | K5FXB      |
| N9AZZ      | JM1JZN     | W2NY       | SM0BSO     | <b>147</b> | KQ5M       |
| N9MB       | JR3QHJ     | W6RFF      | VU2NXM     | AB9KZ      | KS0M       |
| OH3PYY     | JR7ILA     | W7JET      | W3KB       | AI6P       | N6KK       |
| PY1NS      | K5DXR      | YV4DYJ     | W4NE       | F6KOP      | NS4X       |
| W3HKK      | KC1ERO     |            | WL7OU      | G3VQO      | W3DQS      |
| W4DTA      | N7JB       | <b>151</b> | ZS1C       | IS0/YO3RA  | W7NP       |
|            | NE5W       | AD5MD      |            | JJ0LZQ     | WR7Q       |
| <b>156</b> | NH6L       | AK9B       | <b>149</b> | JK1OTP     |            |
| EA3HPX     | W4CIR      | DF1IR      | 7N2JZT     | K3GGN      | <b>144</b> |
| GM3WIL     | W5TMC      | DL4KUG     | DS4DRE     | K5UZ       | AD0TR      |
| HB9HHH     | W8TM       | IK1UGX     | ER0FEO     | K8MRT      | DL6DCD     |
| HB9MXY     | WA9MAG     | J68HZ      | JA0JPD     | KB9LIE     | G4FTC      |
| JA1CCG     | WN7J       | JA2BUR     | JN4FNZ     | SV8RX      | GM0VIT     |
| JA2ODB     |            | J13BFC     | JS6SCC     | W3NRJ      | K1TKL      |
| JA9RT      | <b>153</b> | K1QN       | K2KIB      |            | K7QBO      |
| JH2AJY     | HB9BEM     | K3GW       | K2RET      | <b>146</b> | K8OS       |
| JL3DGI     | JA3UOQ     | K4DET      | K8WHA      | AE5B       | KB1HY      |
| JM1LPN     | JH2NWP     | K7LAY      | K9EXY      | HP3TA      | N5UE       |
| K2HT       | JR7MAZ     | K9AAA      | KM2E       | JA3KWZ     | RN0C       |
| KA9OKH     | K0YL       | KE4BKL     | KP4DS      | JE1COB     | TF5B       |
| N5QZ       | K4OY       | KE8G       | N0STL      | K1IG       | UY2UZ      |
| N7RD       | K8ROK      | KK4CLY     | NE0U       | K6NR       | W0AIH*     |
| W1MR       | K9MMS      | N7MB       | NU4Y       | K8ARY      | WB9W       |
|            | K9YZ       | NU4I       | NZ0O       | K8POM      |            |
| <b>155</b> | KF9LI      | SM0NUE     | RT0F       | KB9AIT     | <b>143</b> |
| 5P5Q       | KK4XL      | VA3EJN     | TF3Y       | KM8AM      | AA4MM      |
| AB4GE      | LA2IR      | VA3HP      | UA9MC      | N6FS       | AF3X       |
| DK3QM      | M0MCV      | W3HER      | WA1EHK     | N6RK       | EA4D       |
| HB9GWJ     | N0VVV      | W5WLA      | WF7T       | N9MR*      | FM5DN      |
| IV3TDM     | OH3FVP     | W6WA       |            | NJ1Q       | HB9AAA     |
| JA0EBV     | SP5NON     | WA9JWL     |            | SM3DXC     | JA1MOD     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JF2RSF     | W6HDG      | KU9S       | <b>135</b> | W2KNG      | NN3V       |
| K2OO       | WK9U       | N3PV       | AB4FH      | W4UAT      | ON6YH      |
| K6LPO      |            | N9BVA      | GM5YTT     | WB1DX      | PY2OP      |
| K9BQL      | <b>140</b> | OD5YA      | HZ1GW      | XE2AD      | SM7DXQ     |
| KE4FW      | AD9DX      | PV8ABC     | JA1DCK     |            | UW7UA      |
| KG6D       | EI6JK      | TA1PB      | JA3MIO     | <b>133</b> | VU3WEW     |
| KJ2U       | EI7JZ      | W0UHL      | JA7MWC     | 7J1ABD     | W3KHZ      |
| KJ4R       | JG1RYQ     | W4DWS      | JJ1HLL     | DL8OH      | W4MC       |
| KN7K       | JJ1OKK     | W4EJG      | JL2ULM     | G4NBS      | W5FL       |
| LB2TG      | K0UBR      | WA5POK     | K2WJ       | GM1BSG     | WA1HXX     |
| N2YBB      | K5GZR      |            | K3HPA      | HB0WR      | WA1KXV     |
| N4GBK      | K6EV       | <b>137</b> | K3WGR      | HK4EB      | ZS1EL      |
| N4UP       | K7VC       | DL2RD      | K4OP       | JA5IBP     |            |
| N7ZA       | KC3AK      | G3PSM      | KC3RKW     | JM1JIV     | <b>131</b> |
| TG9AJR     | LA8PDA     | HL1MKT     | N7TW       | K6ME       | EI5GM      |
| W4JVN      | LZ2HM      | JH1SBE     | NX8Y       | K7YMG      | JH1IY      |
| W4UFO      | N5JED      | K2CDJ      | S53MJ      | KC2STA     | JK8VMB     |
| W7VS       | VE3NJC     | K2RKJ      | W5IO       | KG6WIK     | K0ARM      |
| WY0V       | W5VU       | K4AU       | W7QHE      | KI4TZ      | K5SES      |
|            | W9BS       | K6IRA      | WA7HR      | KR4DA      | K7GA       |
| <b>142</b> | WB1ASL     | KP4N       | WB3AVD     | LA9KY      | KA5IAU     |
| AA4DD      | WW6G       | N5RN       | WB6FWS     | N1BKB      | KO4DKI     |
| I4JEE      | YB3MM      | N7VZ       | WB9IWN     | NT9F       | N0AKC      |
| JA1PUK     |            | N9NFT      | WO5I       | OH4KRN     | NG4DX      |
| J11UHZ     | <b>139</b> | NI4Y       |            | OH7HM      | NN6K       |
| K2CJ       | F5VML      | NU1T       | <b>134</b> | V31CQ      | VE3NKS     |
| K3GT       | HB9ARK     | OE3JAG     | AB0RX      | VU2ABS     | W5EC       |
| K9UO       | HB9DTE     | SM5CSS     | AB1J       | W1GY       |            |
| KA6BIM     | HL4CBX     | SP3EPG     | DL4ZAB     | W1ITU      | <b>130</b> |
| LA1J       | K0QB       | TA1AL      | EA6AZ      | W3MF       | AA4QE      |
| W8WV       | K9TRV      | W2GGY      | IZ8DEO     | W6OUL      | DL1SWN     |
|            | KX4I       | W4UEF      | JA5SEY     | W9SE       | JA2LMY     |
| <b>141</b> | N0CKC      | W9MR       | JA6GXP     | WB1S       | JF2OHQ     |
| 7K3QPL     | N2SG       | WA0WOF     | JR0GXA     | YO3GJC     | JH3PRR     |
| 9H1AE      | N7NF       | WA5YOM     | JR1HYA     |            | JL4BSE     |
| EA1T       | N7UJJ      | WG0G       | K3KY       | <b>132</b> | K2MHE      |
| EI3ISB     | R9MJ       | WS1F       | K7FL       | AA4FU      | KB3IFH     |
| HB9EXQ     | ZL3TE      |            | K7RAN      | AK3E       | KD2NF      |
| IZ3XEF     |            | <b>136</b> | K7YZO      | AK6I       | KI0HA      |
| K2JK       | <b>138</b> | DM5JBN     | K9JDP      | I8NLC      | KN4JX      |
| K4RM       | AC5AA      | G0OSK      | K9SUH      | IK8OZV     | N2YF       |
| K5VG       | DL5KUT     | IS0EBO     | KA9JCP     | IZ0COI     | N7TM       |
| K8RCT      | DL5ZB      | NT5EE      | KD2SC      | JA9KRO     | NS4F       |
| K9AAN      | G0FWX      | ON5GF      | KF5WCP     | K4BNF      | OZ6TL      |
| KA5SYP     | JA0CVC     | VE3FRR     | KN4OK      | KB8KIM     | PU4MMZ     |
| KA5VFU     | JA1PVX     | VE3MSC     | LB5GI      | KD3UY      | W1MO       |
| KE7BMG     | JA1VRY     | W0ANZ      | N1AH       | KG8OU      | W9CTJ      |
| NZ6N       | K2YSY      | W4GH       | N2TC       | KI7HO      | WB8RFB     |
| SV2JU      | K6CW       | W4IDX      | N6XT       | KK5ID      | YB2IQ      |
| VE3FAC     | K9BO       | W4PV       | NC6RJ      | M3DFW      | YO8PS      |
| W1NA       | KC9G       | W7KKC      | PA0QRB     | N3TR       |            |
| W3IZ       | KF6A       | W7SX       | SM3WMU     | N4EDT      | <b>129</b> |
| W5GOL      | KL7NW      |            | W1DAR      | N4QOG      | AD6KQ      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AE7U       | AG4TO      | KK4CB      | KB8DID     | <b>122</b> | W3JXP      |
| DS4EJA     | DJ5DT      | KM4CQG     | KC2NJ      | AA0BH      | W4CC       |
| JA0AVS     | DL9GTB     | KS4WA      | KC4AA      | AA5B       | W4KCM      |
| JA1PLT     | EA3NG      | N5HC       | KD9ZR      | AB5YI      | W5UQ       |
| JA2ACI     | EA4TX      | N8YQX      | KK4TKJ     | DB4RG      | W7PC       |
| JA3WMS     | G8BCG      | N9XG       | KV8P       | G0HSA      | W9MB       |
| JH1RFM     | HB9TJG     | VE3TMG     | N0YO       | HC1HN      | WA7HQD     |
| JM1CMA     | HK6K       | VK2DAG     | N4LSJ      | JA9ALR     | WB7BBQ     |
| JN1SUT     | I2YPY      | VR2VGM     | N5VBK      | K0HQW      | WQ8T       |
| K7ORK      | JA0BES     | W8VI       | NT4K       | K1AJ       | WT3Q       |
| KB4KBS     | JE2VYM     | W9COS      | W0DD       | K3DQB      | WU9D       |
| KN4WOJ     | JG1LRE     | XE3E       | W2FDM      | K4VAC      |            |
| N8BK       | JG5DHX     |            | W6ELI      | K9KJ       | <b>120</b> |
| N9AVC      | JH1HRJ     | <b>125</b> | W6ND       | KB4ET      | AA2T       |
| PY3OG      | J11MNT     | AC4XO      | W8PAT      | KN9N       | AC4TO      |
| SM2YIP     | JR1LZK     | EI8GS      | WW5L       | N1ZZ       | AE5LK      |
| VK5CE      | K2GW       | G4EHT      | ZL3REX     | N4GRC      | AI2S       |
| W7TG       | K7LFY      | IK8PGE     |            | N9ATD      | CT7ABD     |
| XE1ILI     | KF3N       | IZ8EYN     | <b>123</b> | UT9LC      | CU2CE      |
|            | KS8W       | JH8FIH     | AB9BH      | W1ES       | DS3DNT     |
| <b>128</b> | LA2LI      | JP1GVC     | AE5FM      | W1HEO      | DS5QLJ     |
| A71XX      | N0AB       | K5NOF      | AI5EG      | W1KKG      | F5AQB      |
| EA1AHA     | N0DL       | K9ARZ      | DJ6OZ      | W5HNC      | IK8IPL     |
| EI3IO      | N1BZ       | KK5J       | DS4DBF     | W6HB       | IT9JPS     |
| F4GTB      | N3GTG      | NA7RH      | G6NHU      | XE2MX      | JA1DCO     |
| HL2DBP     | NA1RL      | NN6CH      | IK0XKP     |            | JH5OTE     |
| JA6NQT     | ON5EQ      | SM5AFU     | IZ8LMA     | <b>121</b> | JJ1XVA     |
| JH1AWJ     | VE3EDY     | TF3MH      | JA1GLE     | AB4BJ      | K9CHP      |
| K6OJ       | VU2TMP     | W0XE       | JA2HOL     | AK0A       | KG4OJT     |
| K7PTC      | W0MF       | W4AO       | JH1RVQ     | DL7UGO     | KJ6Y       |
| K9YKL      | W3KN       | W5CWQ      | JL3RNZ     | HA2EQD     | KK7BR      |
| KC2WUF     | W4BH       | W6PG       | K2JGL      | IK6BMU     | LU3XX      |
| KD5R       | WA2BOT     | W7FI       | KC2THY     | IZ0FYW     | N1TQP      |
| KG2U       | WB2KSP     | WA1LAD     | KD0KZE     | JA1CPN     | N3DV       |
| N0JR       | WB9TFH     | WA4TMJ     | KO8SCA     | JA1EYN     | N3GS       |
| N5EI       |            | WM4AA      | LA2XNA     | JA1WTO     | N4UFP      |
| NR0Q       | <b>126</b> | WR2G       | LX2SM      | JE2DOD     | NR2D       |
| R3BB       | CU7AJ      |            | N5JEY      | J15WDC     | PP2FN      |
| UR9IDX     | DS3EXT     | <b>124</b> | N6DVR      | K1LTJ      | VE3QAA     |
| W0QD       | EI4HH      | AA5H       | N9RE       | K3CWF      | VR2ZXP     |
| W5MF       | IK4TVP     | AF8C       | OH3TY      | K9MQ       | VU3RGB     |
| W6IS       | IU8GNY     | DJ3EJ      | PY2ADR     | KK4ODQ     | W1RG       |
| W8BI       | IW7EDZ     | EC4KW      | SV7CUD     | KU2A       | W5RYA      |
| W9EBO      | JA5CDL     | EI8IQ      | VE3VHH     | N3ER       | W6GJB      |
| W9TO       | JA5XPD     | G4RGK      | W2WGK      | N5ZY       | WT5L       |
| WA4UWD     | JH4GXE     | IT9YOZ     | W4UT       | NA2R       | YB0AZ      |
| WC4V       | K2GLS      | IZ1UKF     | WB8TGY     | NA4MM      |            |
| WP4CQ      | K5KDX      | IZ5BYJ     | WU7X       | NY4G       | <b>119</b> |
| WQ1H       | K7PO       | J11DMH     | WX3P       | OZ6EI      | DL2VWR     |
| ZS6AKU     | K8GT       | K0MD       | YB9WZJ     | TA1L       | F5BAR      |
|            | K9QA       | K3SUI      | ZS6NK      | UA0FDX     | HL2MHU     |
| <b>127</b> | KC5RR      | K6VVK      |            | W2ARP      | JA6JYM     |
| 7Z1HL      | KC9WPS     | K7HC       |            | W3/NH7C    | K7LOL      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K8EB       | KB5CSQ     | K5TU       | DL2DCX     | K4HEB      | AG5Z       |
| LU9DO      | KO4PY      | K8CR       | EA5DPL     | K4ZMV      | AJ6V       |
| N1GNB      | KP4ED      | KB4CRT     | EI2FG      | K4ZRJ      | CT7ANG     |
| N8LCU      | KZ1X       | KB7V       | F5EOT      | K8CJY      | DK4MX      |
| ON8PHD     | N8AGU      | KG4URP     | F8GB       | K9KDS      | EA1BLA     |
| SV1BYI     | VE7NY      | KV7N       | G0UII      | KH6P       | EI9HX      |
| SV2KF      | W3LWH      | MM1PTT     | G4NAQ      | KY6AA      | G4VWI      |
| VK7AP      | W4ARK      | N0TR       | G4YCS      | N0OK       | G6MXL      |
| W1ZK       | W4PG       | N7PIB      | HB9GZE     | N2SO       | HB9BEP     |
| W3MRL      | WB9WHQ     | NE1RD      | JA2CPD     | N8AID      | HG6IA      |
| W6ZPL      | YO6HOY     | NG0G       | JA4CSJ     | NQ4A       | IZ1EPM     |
| W8EOG      |            | NW6V       | JF1AZQ     | NZ7Q       | JF3KOA     |
| ZL2AO      | <b>116</b> | OE5MPL     | JH1GNU     | S51DV      | JH1FRW     |
|            | 6K2ILX     | SP5BMU     | K1JKR      | W1USN      | JR2PAU     |
| <b>118</b> | AA0FT      | W0LGQ      | K2KNB      | W3WN       | JR4DHK     |
| 6K5AQY     | EA5GXI     | W3UNX      | K4JDJ      | W4LLP      | K3MSB      |
| AC9GK      | EI4BZ      | W4OV       | K4JLD      | W5GCX      | K4KAL      |
| AE1T       | G8GHD      | W5WS       | K4TR       | WB2UFF     | K4RP       |
| AJ6X       | IZ2CSX     | WB4MM      | K5WRE      | WD8LTM     | K6DJ       |
| DJ9KM      | JA2KPW     | WJ5K       | K7BWC      | WF4W       | K6SLO      |
| IZ0RPS     | JT1CO      | WS4H       | K7MO       | WJ1B       | K9TVG      |
| IZ1JIZ     | K4LCP      |            | K9DUR      | WN1M       | KF8PD      |
| JA6CMQ     | K8JRK      | <b>114</b> | KA5OWI     | ZL3PAH     | KV3W       |
| JH3LCU     | K8MN       | F6FHZ      | KB1OIQ     |            | N1TQ       |
| K9KJS      | K9GWH      | G3CWW      | KB2TGU     | <b>111</b> | N3YZ       |
| KA5JSM     | KC1RET     | HC1HC      | KC0V       | AD7XG      | OE6BME     |
| KA9JAC     | KD5RBU     | I0BJV      | LU3JVO     | AK4N       | TF8GX      |
| KB3KJ      | N0ATQ      | JA1CCH     | M0NGN      | EI9CN      | W1ZZ       |
| KD9BIE     | N0UCR      | JA1CPU     | N6DW       | F8DZY      | W5JE       |
| KG5VK      | N1GFV      | JA8EIA     | NA9L       | G4ZWY      | W6TCP      |
| KX6C       | N2ZL       | JG4OOU     | S52R       | HB9ECS     | W7YED      |
| LZ1XZ      | N4KEB      | JM3XZC     | SV2DSJ     | JA4DLF     | W8PE       |
| N3HYB      | OE6CLD     | K1RE       | VA3AYA     | JA5EEU     | W8TE       |
| N8KUS      | RW6MBC     | K2IRM      | VK7ZE      | JE1TNL     | W9GFB      |
| VR2CC      | SM1NJC     | K3PL       | W1FC       | K2KYH      | YB1SKR     |
| W4AFB      | VR2IL      | KB1W       | W3JM       | K5NV*      | YO5QAW     |
| WA7ZXD     | VY2RU      | KI8AE      | W6BBS      | K8ZEE      | ZS5LEE     |
| WA8RCK     | W1HQ       | N3DD       | W7CD       | K9JIG      |            |
| WB5TOI     | W7WES      | NA1DX      | WB9YJE     | KI2Y       | <b>109</b> |
| ZS2I       | W9LU       | NG8T       |            | KM5VI      | AA4RX      |
|            | WA4VJK     | NK5K       | <b>112</b> | N4NYY      | AC8AZ      |
| <b>117</b> | WW5RC      | W0QKL      | 3C3CA      | NT5O       | AF3K       |
| AD7L       |            | W2ZK       | 7Z1CQ      | PT7CB      | DL9QJ      |
| CE3FZ      | <b>115</b> | W8LR       | G0DTX      | TA1UT      | F5DBT      |
| F8EZE      | AA9WO      | WD0AJG     | G3YFE      | TA2RC      | F8DHE      |
| IS0BZR     | AF7WM      | WN0L       | GM0SCA     | TA7AZC     | G0MMI      |
| IZ7QFN     | E74A       | WT9U       | IK4EWN     | W7WT       | JA5GOJ     |
| JA9KA      | HB9MZI     | XE1EE      | IS0BQE     | WB8PKK     | JA9IWR     |
| JM3GXU     | HL4RBR     | YB2BNN     | JA4RED     | WU4B       | JH4GNE     |
| K0FF       | IW2FLB     | ZS4JAN     | JA8WGX     | XE1ZTW     | J11IZS     |
| K4AEH      | JA0NPQ     |            | JF3AHI     |            | K0FD       |
| K9LCR      | JH8LEY     | <b>113</b> | JH0LME     | <b>110</b> | K4AEN      |
| KB2S       | JJ2VLY     | AB1NS      | K0XM       | AC0B       | K6JAD      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| KA4AHU     | LU2AH      | WM4W       | WV4E       | CT3DZ      | HB0RER     |
| KB7DT      | N2IFA      | WS7I       | ZL3RIK     | EA4EJP     | JA7HYE     |
| M0AQM      | N5FPW      | WU1U       |            | EI3HA      | JF1KIG     |
| N4LS       | N5TW       | ZP6CW      | <b>105</b> | EI4GNB     | J11FXS     |
| N4WD       | N7TP       |            | AA2F       | F6ARS      | JP1KHY     |
| N6RVI      | TF1A       | <b>106</b> | AI1W       | FM5FJ      | K0OOK      |
| NN8L       | VE7VV      | AB6WQ      | AP2IA      | G0DRM      | K1FBI      |
| NW6R       | W4DVG      | AC7DX      | DL9GTK     | GW0ANA     | K2RNY      |
| NX1P       | W6CN       | AC8IL      | E29TGW     | HA5DI      | K3PIN      |
| NZ3M       | W7SMW      | DS2GOO     | EI6GF      | HB9BMY     | K3TXW      |
| PF7M       | WB5ZAM     | DS5MNO     | G3LOJ      | JA1CC      | K4NI       |
| PV8DX      | WC4B       | EA3AGY     | HL4GHT     | JA1DHY     | K4PWS      |
| SP7ASZ     |            | EW4DX      | JA1JYS     | JA1RBY     | K4SAW      |
| T88UW      | <b>107</b> | F5VIF      | JA1SZN     | JH1MYJ     | K6XJ       |
| W3ATV      | AB7RW      | F6JSZ      | JE6UWU     | J14HKA     | K7HV       |
| W3GP       | BG8PA      | G0OJG      | JJ2BLV     | JQ2MPJ     | K9WMS      |
| W4JDS      | DJ5FZ      | G0RPM      | JK1AIA     | K0BRO      | KA7CVJ     |
| W5SG       | DK2GP      | G3LPS      | JK1AKA     | K1TWF      | KP4DDY     |
| W7CB       | DS4OMS     | G4FVZ      | K0MB       | K2CQW      | KQ6K       |
| W7VP       | E73D       | HI7SB      | K1EO       | K4WW       | M0UPL      |
| W9JJ       | EA2BFM     | IZ4IRO     | K1ETA      | K5JUC      | N1MIE      |
| WA6URY     | EI5GSB     | JA3AOP     | K5WE       | K7UW       | NB3R       |
|            | IC8XIL     | JA3FRI     | K6GCN      | K8WVA      | NI5G       |
| <b>108</b> | JA3MAT     | JF7NNI     | K7CMZ      | KE4YOG     | RX3BP      |
| 7M4CLF     | JE1CTA     | JJ1IRS     | K8FB       | N1FOJ      | VE7XT      |
| AC8MR      | K0FJ       | K6VWE      | KJ8N       | N3PW       | W2SUB      |
| AC9DX      | K2FJ       | KA9TOX     | KK4MA      | N4PAJ      | W4CU       |
| DB9CR      | K2ZD       | KI0KN      | KR0P       | N4ZR       | W5IP       |
| DL1TPY     | K3GO       | KI4NSP     | KZ4EX      | N8TEM      | W7KHZ      |
| DL2AMD     | K4LQ       | KM8V       | LA9JKA     | N8WXQ      | W7UV       |
| DL2NAI     | K6DLB      | KR4U       | LZ1JZ      | NA8W       | W8EH       |
| DM5TI      | K7UWR      | KT5V       | N2YU       | OM6CI      | WA8KNE     |
| DU1IVT     | KA4LBD     | M0PCB      | N9APK      | OZ9U       | WC9C       |
| E70X       | KB0EL      | N4DJT      | N9IXD      | PY2YW      | YB1ALL     |
| EA5XV      | KF2G       | N6UOZ      | NC1M       | RV4LC      | ZL1IM      |
| G5CL       | KF6XA      | N7MW       | NC7M       | VE3ZN      |            |
| IK1RKN     | KJ4FZ      | N8OYY      | NK7L       | VK3MB      | <b>102</b> |
| JA2DCN     | LU5OM      | N9ZJ       | OH6IH      | W0VU       | 4X1VF      |
| JA2KGQ     | N0MHL      | NG4C       | PV8RR      | W9GXR      | 5H8HZ      |
| JH1OVY     | N1UZ       | NI7F       | VU2DED     | WB4HMA     | 5W1SA      |
| JR4NUN     | NI8Z       | NS7K       | W1PY       | WB7QXU     | AC0XY      |
| K1FUG      | OV2B       | PT2DF      | WB8LEM     | WF8Z       | DB2WD      |
| K3XO       | PP5VA      | PY2OC      | WD4OHD     | WX0B       | DL4FDM     |
| K4GHS      | RM6LW      | UA0ABB     | WF5I       | YB1BUL     | IC8SQS     |
| K8LBT      | SV3EXP     | VE3BHZ     | WK3A       | YO6HSU     | IZ7QSS     |
| KC8YG      | TA1CQ      | VE3XK      | WZ9B       | ZS6HON     | JH1IHG     |
| KE3ZT      | UX5XK      | VU2MB      | YU1LD      |            | K1MDA      |
| KE7AUB     | V31MD      | W0TLX      | YV4EH      | <b>103</b> | K2DH       |
| KI4SFT     | W5HY       | W4/KL7GLL  |            | AF8P       | K2DW       |
| KJ2AM      | W8JA       | W6KF       | <b>104</b> | DS5JMG     | K4HR       |
| KJ4SKO     | WB2BXO     | W7GB       | 7N4OBV     | EA2RY      | K6BLG      |
| KO4XI      | WB2MKX     | WA3IIA     | AA2WC      | EI9GLB     | K6JAV      |
| KW1X       | WC2L       | WA8Y       | AA6XV      | FM4LV      | KA8HDE     |

|            |            |        |        |        |
|------------|------------|--------|--------|--------|
| KB1AWM     | K3LA       | AD4J   | KC5N   | W4YR   |
| KO3F       | K5HX       | AE4VJ  | KD1DT  | W5PD   |
| N2CJN      | K8PGJ      | AK1P   | KE1IU  | W5YKU  |
| N2FY       | K9GL       | AK4AO  | KE8NOA | W6OZI  |
| N4IR       | KB5YN      | DB6VH  | KE9V   | W9KM   |
| N8KOJ      | KC3OPI     | DC1TK  | KF5MDZ | W9ZT   |
| NA4D       | KC4ZA      | DK1MCS | KF5TL  | WA2ALY |
| NN5O       | KD2RUY     | DK7GH  | KF9EX  | WA2VJL |
| R9GM       | KE9UA      | DL3ANK | KG4IYS | WA3UTC |
| S51MA      | KJ5RC      | DL5JH  | KI0G   | WA3YZD |
| SM0XG      | KU4A       | DS4GQR | KI3O   | WB0RXQ |
| US8ZAL     | LA3ANA     | EA5PS  | KI4PG  | WB2ZEX |
| VK2GR      | M0PTZ      | EI2HZB | KK6MF  | WB6RAB |
| W1GF       | M5LRO      | EI4DQ  | KL2R   | WB6RJH |
| W1MRH      | N3CAL      | EI4GJB | KL7XO  | WD1M   |
| W4GHW      | N4PF       | EW4A   | KR4Q   | WD4GZW |
| W7FS       | NC8I       | F5JWH  | LA4EI  | WI0E   |
| W7HJ       | NJ2X       | G0GFC  | M1EMC  | WK7W   |
| W7IMU      | NZ1I       | G4PUQ  | N0JX   | WM4D   |
| W9GWP      | OZ5JQ      | G8GFF  | N0KM   | WM9Q   |
| WB4PWZ     | PA3AIN     | G8GNI  | N0VTZ  | WU1T   |
| WB7QBS     | R2ARR      | GW0KRL | N1KI   | YB6LAY |
| WD6T       | RZ6MJ      | IK7NXU | N3NVA  | YE1AR  |
| WD9IOK     | SV2BXA     | JA7PKV | N4GOA  | ZS6CR  |
| WN9A       | SV4FFL     | JE7KCI | N5CR   |        |
| XE1SAX     | TG9AKH     | JG0HEW | N5LJL  |        |
| YB0EIN     | UA4PK      | JG3LDD | N5LKE  |        |
| YB9AY      | VA2GA      | JG5VFK | N7WFK  |        |
| YO6BHN     | VK4BUI     | JN1RFY | N7WR   |        |
| ZS2ACP     | VU2OT      | JR4VEV | N8HM   |        |
|            | W0ZX       | K1HC   | N8URE  |        |
| <b>101</b> | W2FDJ      | K1JX   | N9MKC  |        |
| AA9D       | W2GHD      | K1PTF  | ND0B   |        |
| AB2NI      | W2PD       | K2UF   | NE3K   |        |
| AB4EJ      | W3RMS      | K2UT   | NX6D   |        |
| AB8YZ      | W3SW       | K3NO   | OM2AGN |        |
| C31MF      | W4PM       | K3QB   | OR4K   |        |
| DD8BA      | W6OU       | K3RRR  | OZ1GCT |        |
| DD9WG      | WB5KSD     | K3WSU  | OZ9GA  |        |
| DL3XAC     | WD4IXD     | K4GM   | PV8AJ  |        |
| EA4UV      | WM5H       | K4KYN  | PY5VC  |        |
| EA8TZ      | WU6K       | K4QS   | R2AB   |        |
| G3VDB      | WX7B       | K5LLA  | UR8IDX |        |
| G4GEE      | YB8HZ      | K5MMH  | VA2EU  |        |
| HB9PUE     | YO2OXD     | K5PSN  | VE1JF  |        |
| IK2HLM     |            | K5VSD  | VE3KKB |        |
| JA1KZP     | <b>100</b> | K5YE   | VR2PX  |        |
| JA1QEY     | 2E0XAR     | K7VL   | VU2OY  |        |
| JA5ALE     | 9M8DEN     | K9EA   | W0PPA  |        |
| JA5JUG     | A41ZZ      | KA1CTL | W0RMS  |        |
| JK3NSD     | A71EM      | KA2F   | W2MW   |        |
| K0GEO      | AA7UN      | KA4H   | W4CG   |        |
| K3AXB      | AC0DH      | KB6IGK | W4DFU  |        |