

## 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 25 Apr 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>348</b><br>K2TQC   | K4DY<br>K4MQG<br>KF2O<br>N6AR   | <b>338</b><br>CT1EEB<br>JA5EXW<br>K9NU<br>SM3NRY<br>W1DIG<br>W7UT   | N0XA<br>N4KG*<br>N5UR<br>N5ZM<br>OK3GU<br>PE5T<br>SP8AJK<br>W0MHK<br>WK3N   | WD5COV<br><br><b>332</b><br>AA1QD<br>DF3GY<br>DF4PL<br>DJ8NK<br>F6AOJ<br>JA0UUA<br>JA2FBY<br>JA4DLP<br>JA5MHD<br>K1OA<br>K3UA<br>K4XP<br>N2LT<br>SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z               | W9RPM<br>WB6RSE<br><br><b>330</b><br>DJ2YA<br>DL1AMQ<br>EA5RM<br>EY8MM<br>F6BKI<br>GM3YTS<br>HA5WA<br>IK4DRY<br>JA1ADN<br>JA3EMU<br>JG3QZN<br>JL1UXH<br>K3WC<br>N4JF<br>N8JV<br>N9IW<br>OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW |
| <b>347</b><br>K4CIA<br>K8MFO<br>N4WW<br>SP5EWY<br>W1JR<br>W4DR              | <b>341</b><br>4X4DK<br>DJ6RX<br>G3KMA<br>I4EAT*<br>K5UR<br>N2TK<br>N4CC<br>OH2BU<br>OZ3PZ                                 | <b>337</b><br>DL4MCF<br>I4LCK<br>JA3FYC<br>PY4OY<br>SP9FKQ*<br>W2YC<br>W3LPL<br>W9IXX                                       | <b>334</b><br>DJ9ZB<br>EA4KD<br>JA1BK<br>JA5AQC<br>K2PLF*<br>K3KO*<br>K4XO<br>N4XM<br>N8DJX<br>OE6IMD<br>SM5AQD<br>SP3EPK<br>UA6A<br>W4PK | SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z<br><br><b>331</b><br>DJ9HX<br>F6DAY<br>HB9BGV<br>I4AVG<br>IK8HJC<br>JA1HGY<br>JA2KVD<br>K0IEA<br>LZ2DF<br>PY5HOT<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5OZI<br>W8UVZ | OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW<br><br><b>329</b><br>AA7A<br>EI7BA<br>HB9BZA<br>I4MKN<br>IK5HHA<br>IK6DLK<br>IT9DAA<br>IV3JVJ<br>JA2JW<br>JA7KY<br>JE2URF<br>K0EU   |
| <b>346</b><br>N1DG<br>SM3EVR  | OH2BU<br>OZ3PZ  | W2YC<br>W3LPL<br>W9IXX  | EA4KD<br>JA1BK<br>JA5AQC<br>K2PLF*<br>K3KO*<br>K4XO<br>N4XM<br>N8DJX<br>OE6IMD<br>SM5AQD<br>SP3EPK<br>UA6A<br>W4PK                        | K1OA<br>K3UA<br>K4XP<br>N2LT<br>SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z  | JA1ADN<br>JA3EMU<br>JG3QZN<br>JL1UXH<br>K3WC<br>N4JF<br>N8JV<br>N9IW<br>OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW   |
| <b>345</b><br>HA0DU<br>OH1XX<br>W9ZR  | <b>340</b><br>AA1V<br>DJ2BW*<br>DJ9KG<br>JA4DND<br>JH4IFF<br>K4UTE<br>K9QVB*<br>N0AT<br>NN4T<br>PA3FQA<br>SP5CJQ<br>VE3EJ | <b>336</b><br>AA6YQ<br>G4BWP<br>JA1WPX<br>JA2JPA<br>K1ST<br>K2FF<br>K4HGX<br>K5NA*<br>K5RK<br>N3XX<br>VE3XN<br>W0BV<br>W2LO | <b>333</b><br>EA6SX<br>F6EXV<br>G0JHC<br>G3XTT<br>JA0EOK<br>JQ3DUE<br>JR3IIR<br>K6YRA<br>N4AH<br>PY2SP<br>R7LV<br>SM5CEU                  | SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z<br><br><b>331</b><br>DJ9HX<br>F6DAY<br>HB9BGV<br>I4AVG<br>IK8HJC<br>JA1HGY<br>JA2KVD<br>K0IEA<br>LZ2DF<br>PY5HOT<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5OZI<br>W8UVZ | OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW<br><br><b>329</b><br>AA7A<br>EI7BA<br>HB9BZA<br>I4MKN<br>IK5HHA<br>IK6DLK<br>IT9DAA<br>IV3JVJ<br>JA2JW<br>JA7KY<br>JE2URF<br>K0EU   |
| <b>344</b><br>JA2VPO<br>OZ1BTE<br>OZ1LO<br>PY2XB<br>SM0AJU<br>VE1YX<br>W3YX | JA4DND<br>JH4IFF<br>K4UTE<br>K9QVB*<br>N0AT<br>NN4T<br>PA3FQA<br>SP5CJQ<br>VE3EJ  | AA6YQ<br>G4BWP<br>JA1WPX<br>JA2JPA<br>K1ST<br>K2FF<br>K4HGX<br>K5NA*<br>K5RK<br>N3XX<br>VE3XN<br>W0BV<br>W2LO               | EA6SX<br>F6EXV<br>G0JHC<br>G3XTT<br>JA0EOK<br>JQ3DUE<br>JR3IIR<br>K6YRA<br>N4AH<br>PY2SP<br>R7LV<br>SM5CEU                                | SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z<br><br><b>331</b><br>DJ9HX<br>F6DAY<br>HB9BGV<br>I4AVG<br>IK8HJC<br>JA1HGY<br>JA2KVD<br>K0IEA<br>LZ2DF<br>PY5HOT<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5OZI<br>W8UVZ | OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW<br><br><b>329</b><br>AA7A<br>EI7BA<br>HB9BZA<br>I4MKN<br>IK5HHA<br>IK6DLK<br>IT9DAA<br>IV3JVJ<br>JA2JW<br>JA7KY<br>JE2URF<br>K0EU   |
| <b>343</b><br>K3FN<br>K4PI<br>N4MM<br>VA3DX<br>W3UR                         | <b>339</b><br>EA8AK<br>IK1GPG<br>JA1UQP<br>N4CH<br>N8DX<br>SM3GSK   | AA6YQ<br>G4BWP<br>JA1WPX<br>JA2JPA<br>K1ST<br>K2FF<br>K4HGX<br>K5NA*<br>K5RK<br>N3XX<br>VE3XN<br>W0BV<br>W2LO               | EA6SX<br>F6EXV<br>G0JHC<br>G3XTT<br>JA0EOK<br>JQ3DUE<br>JR3IIR<br>K6YRA<br>N4AH<br>PY2SP<br>R7LV<br>SM5CEU                                | SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z<br><br><b>331</b><br>DJ9HX<br>F6DAY<br>HB9BGV<br>I4AVG<br>IK8HJC<br>JA1HGY<br>JA2KVD<br>K0IEA<br>LZ2DF<br>PY5HOT<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5OZI<br>W8UVZ | OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW<br><br><b>329</b><br>AA7A<br>EI7BA<br>HB9BZA<br>I4MKN<br>IK5HHA<br>IK6DLK<br>IT9DAA<br>IV3JVJ<br>JA2JW<br>JA7KY<br>JE2URF<br>K0EU   |
| <b>342</b><br>DF3CB<br>JR2KDN   | SM3GSK  | AG9S<br>JA4LKB<br>JA5AUC<br>JH4UYB<br>K8SIX   | AG9S<br>JA4LKB<br>JA5AUC<br>JH4UYB<br>K8SIX   | SM6CVX<br>SP2FAX<br>UA4HBW<br>W1YY<br>W5BPT<br>WB9Z<br><br><b>331</b><br>DJ9HX<br>F6DAY<br>HB9BGV<br>I4AVG<br>IK8HJC<br>JA1HGY<br>JA2KVD<br>K0IEA<br>LZ2DF<br>PY5HOT<br>UT5UGR<br>UT7QF<br>W4DKS<br>W5OZI<br>W8UVZ | OE3GCU<br>OK1MP<br>PY2BW<br>SP3E<br>YU1FW<br><br><b>329</b><br>AA7A<br>EI7BA<br>HB9BZA<br>I4MKN<br>IK5HHA<br>IK6DLK<br>IT9DAA<br>IV3JVJ<br>JA2JW<br>JA7KY<br>JE2URF<br>K0EU   |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K4ZYU      | <b>326</b> | WB4TDH     | JH4ADV     | N4PQX      | RV3LO      |
| LA5IIA     | AB4IQ      |            | JH8RZJ     | PA3EWP     | SP1JRF     |
| N5AW       | I4EWH      | <b>323</b> | JJ3PRT     | R5AJ       | UA3DPM     |
| NJ6P       | JA1SJV     | DK9KX      | JR3OEH     | SV1FJA     | W7MO       |
| NO8D       | JA7MSQ     | EA3GP      | K2UO       | UA3AP      | W9ILY      |
| NR1R       | JH1TWT     | JA9APS     | K2VV       | W5WT       | YO3APJ     |
| OZ1CTK     | LU2NI      | JF1KKV     | N3NT       |            | YO7LCB     |
| SP7GAQ     | N4JJ*      | JH2FXK     | NK1K       | <b>318</b> |            |
| W0DJC      | N7RT       | JR3GWZ     | OE6MDF     | A45XR      | <b>315</b> |
|            | RA3CQ      | K8PT       | OE8RT      | AA4HP      | 9H1SP      |
| <b>328</b> | RU3FM      | KF0QR      | OH2BLD     | AD5A       | AB6QM      |
| AA1ON      | RZ3AM      | N5TY       | ON4IQ      | DJ4AX      | G3VKW      |
| AA5AU      | SP6M       | SM4DHF     | OZ1AXG     | DL6KR      | HB0CC      |
| DL7MAE     | SV1RK      | SM6CMU     | SM6DHU     | EA1YO      | IK4DRR     |
| G4OBK      | W8DCH      | SP1S       | UT7UJ      | G4PWA      | JA8RJE     |
| GM3POI     | WJ4T*      | VE2TZT     | W3GH*      | J12KXK     | JR2BJE     |
| IZ5EKV     | YO9HP      | W3NO       | W8GC       | K2TE       | JR7VHZ     |
| JA6BZI     |            |            | W8OI       | K4IQJ      | KE9L       |
| JH1GZE     | <b>325</b> | <b>322</b> |            | K5DU       | N5OK       |
| J14POR     | CT1APE     | CT1BH      | <b>320</b> | K9IR       | OE3EVA     |
| K1HTV      | CT1IUA     | EA5BY      | DF2RG      | K9YY       | ON4AOI     |
| K4CN       | EU7A       | G0DQS      | F5PAC      | LA2PA      | ON4IZ      |
| K4MWB      | JA2FJP     | HB9DHK     | G3TXF      | PY5EW      | PY2NQ      |
| K4QL       | JA5WIZ     | IK4GME     | I2EOW      | R3VA       | SM3VAC     |
| K9CT       | JS2LHI     | JF3KON     | IK5PWQ     | RA7A       | UX1UA      |
| KD5M       | K0DEQ      | JH0INP     | JA3PIS     | W3KX       |            |
| NI0G       | K5EK       | JJ2LPV     | JA4FKX     | W4FC       | <b>314</b> |
| PY5EG      | K9EU       | KU0A       | JE2LUN     |            | CT4NH      |
| R4GM       | OE2LCM     | KW9A       | JH1IFS     | <b>317</b> | DM5EE      |
| SL0ZG      | SM4EMO     | N1NK       | JR2LJO     | AA4V       | G3NDC      |
| SP6CIK     | SM5CZQ     | N4DW       | K1LD       | EA2IA      | JA2AH      |
| W5FKX      | SP5DIR     | N4NX       | K6FG       | IK2YCW     | JF1PUW     |
| W5ZN       | W6RLL      | N8RR       | N4II       | IK8YTA     | JR4OZR     |
| WA1JMP     | W9OP       | ON4CD      | N5XZ       | K2RW       | JR9LKE     |
| YO5BRZ     |            | R7DX       | NY0V       | K6YUI      | K1BD       |
|            | <b>324</b> | SV8CS      | SM5KNV     | KA9CFD     | K2LS       |
| <b>327</b> | DL5DSM     | UA3AB      | SP7VC      | N2BJ       | K4UEE*     |
| DK5WL      | EA5BM      | UA4CC      | UY5ZZ      | SP1MGM     | K5AQ       |
| DL2OE      | I0WDX      | VE1DX      | VE3EXY     | W6VX       | KB0EO      |
| HB9AMO     | I5NPH      | W1ECT      | W6XA       | WX4G       | KC9ARR     |
| IK4BHO     | IZ0AEG     | W3LL       | W7AO       |            | KG8P       |
| J18DGO     | JA2DPC     | W5CIA      | YV1DIG     | <b>316</b> | OE1AZS     |
| N6JV       | JF1WPB     | W5TCX      |            | DL5WW      | OE1ZL      |
| PY2YP      | JF7XKY     | WI8A       | <b>319</b> | GM0GAV     | SM4DDE     |
| SM2GCQ     | K0CA       |            | FK8CP      | HB9HFN     | SV1DPI     |
| SM5DJZ*    | K5KC       | <b>321</b> | JA1XEC     | JA2JNA     | SV1JG      |
| SP8NR      | N8BM       | AD1C       | JE1SYN     | JA8EAT     | UA6MF      |
| VE3FF      | OE8HIK     | G4CCZ      | JH3CUL     | K3WA       | UT9FJ      |
| W2IRT      | R3OK       | HB9BIN     | J11DHY     | K4HB       | UX0FF      |
| W4UM       | SM6CCO     | JA0GJJ     | K6AM       | K8YTO      |            |
| W5XX       | SP9DWT     | JA2BDR     | K7NN       | KQ8M       | <b>313</b> |
|            | W1RM       | JA3AZD     | KV7K       | LA7HJA     | 5B4MF      |
|            | W9OL       | JH3VNC     | N4DB       | N4QS       | AA5AT      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AB3CV      | W4BP       | JA3GN      | <b>304</b> | W7DO       | VE3BW      |
| AB9V       | W8HW       | JH1QAX     | DK5AD      | WD4LBR     | <b>298</b> |
| DK2NG      |            | JJ3HGJ     | EA6VQ      |            | 5B4AHJ     |
| JA5IU      | <b>309</b> | K0KX       | F2JD       | <b>301</b> | G5LP       |
| JR1BLX     | DJ5FI      | K2SHZ      | HB9DDZ     | AA5AM      | HP2AT      |
| JS3CTQ     | EA8AKN     | K3RA       | JA1XCZ     | AE5E       | JA4ITW     |
| K5BG       | HK3W       | K9MM       | JA2ZL      | F4BKV      | JL2JVX     |
| K6TA*      | JA1EOD     | KC6AWX*    | JF2UPM     | HK4SAN     | JR7WFC     |
| LB8DC      | K8QM       | NE1B       | JN3SAC     | I2MQP*     | K8EUR      |
| N8KOL      | KX4R       | NI6T       | K8AC       | IZ1LBG     | N5DG       |
| SP3CGK     | NN4SS      | NS6C       | KC7V       | JA0DIN     | N8TR       |
| W1GL       | NU8Z       | OZ4O       | N7US       | JA1IZZ     | ND0N       |
| ZS6EZ      | R9TO       | SM5JE*     | N9RS       | JA1LSP     | NQ1K       |
| <b>312</b> | RU3QR      | W2JU       | NN4R       | JA2WYN     | OE3SGU     |
| CT1DKS     | RW3RN      | W6ENZ      | R7FK*      | K4SE       | SV2DGH     |
| DK1FW      | RX3AGD     | W7OM       | UY5AA      | K6RO       | WB0TEV     |
| EA7TV      | UA4LY      | <b>306</b> | W5XC       | KI0KB      | ZL1BYZ     |
| IK2QPR     | VE7IG*     | DL1KUR     | W7CT       | N9AU       | ZL3JT      |
| JA1SYY     | WB8BPU     | DL6CNG     | <b>303</b> | RN3QN      |            |
| JA2IVK     | <b>308</b> | G0OIL      | DL5EBE     | US5WE      | <b>297</b> |
| K1HT       | DL2CHN     | HA1RB      | EA3GHZ     | WB5JID     | AC0A       |
| N5ORT      | IK0PEA     | IK4PLW     | G3LZQ      | WE9R       | DL4CF      |
| WA2VYA     | JA1GRM     | JA0CRI     | HL3IUA     | <b>300</b> | DL7BA      |
| WP4U       | JA7IC      | JA6WJL     | IK2RPE     | AA8CH      | E73Y       |
| YU3AA      | JA9TWN     | JH1AGU     | K5WAF      | HB9DDO     | HL4CJG     |
| <b>311</b> | JF8QNF     | JH1NYM     | K7WP       | HB9SLO     | IK5RUN     |
| F3SG       | JL1RUC     | K2UU       | K7ZA       | IZ5RVG     | JE7JDL     |
| JA2XYO     | JR1BAS     | K5XI       | K8NVR      | JA9AA      | K2PK       |
| JA4MRL     | K0GY       | LA7JO      | K9RX       | K0KVR      | K8GI       |
| JA7JWF     | K1AR       | R9FM       | RL3FA      | K3XA       | K8WK       |
| JH4JNG     | K4SO       | W9RN       | RW4NN      | K8GG       | KG7H       |
| JO7WXN     | K8OM       | WB9CIF     | SM2OAN     | K8TL       | KT1J       |
| PY2XU      | KN5O       | WD0DAN     | SP7HOV     | K8VfV      | PY2VA      |
| UR0MC      | KS1J       | <b>305</b> | SP7ITB     | KB1JZU     | <b>296</b> |
| YB5QZ      | OE1WEU     | A65BR      | W1SKU      | PA3CSR     | AA8OY      |
| <b>310</b> | R7NW       | DJ4XA      | WT8C       | W5AJ       | EV1R       |
| I3BUI      | SV1CNS     | JA1VSL     | ZS1LS      | W6TC       | K6FW       |
| JA1ANR     | VA5DX      | JA5XAE     | <b>302</b> | <b>299</b> | K8VC       |
| JA6VQA     | W2QO       | JA9CWJ     | DJ5JH      | CT1FMX     | LA8PT      |
| JA7QVI     | W9MU       | JR2UBS     | DJ9ON      | DM2DXA     | N0RB       |
| JR6FC      | WA7NB      | K0JUH      | EA1N       | EW2A       | PY7DJ      |
| K4EM       | WA8WV      | K6KLY      | F5CQ       | G3SVD      | RA3QK      |
| K8FL       | WD9DZV     | K9ZO       | IU7QBB     | HB9RG      | SM6BZV     |
| LA7AFA     | YS1RR      | KG4W       | IW1ARB     | IK4ADE     | SV9COL     |
| LA9AJA     | <b>307</b> | PA5TT      | IZ2AMW     | JA7BWT     | UA6YW      |
| MD0CCE     | AC4G       | RA9CMO     | JG3LGD     | JH1SJJ     | W9JA       |
| N1IBM      | DK2JX      | SM3NXS     | JG4AKL     | KM4H       | <b>295</b> |
| RL9F       | G0BLB      | UT2UB      | SP2BMX     | LA3WAA     | AD6W       |
| SP6HEQ     | I5HOR      | W1YM       | W0VX       | N4TL       | DL1DUO     |
| W0YG       | IZ8FFA     | WA5VGI     | W4QN       | SM6CUK     | HB9TKS     |
|            | JA2XW      |            | W5ADD      | UA9FAR     |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| HL2IFR     | G8DX       | IW0HQE     | AB5A       | <b>283</b> | LZ2JE      |
| IW0SAF     | IZ3ETU     | JA8EJO     | CT3HF      | EA6ET      | PY2DS      |
| K5ZK       | K7ZD       | JA9FAI     | DL2VPO     | HB9CQK     | SM5CZK     |
| K6SIK      | N8II       | JE2LPC     | IK0XBX     | JA1RTX     | W8LGJ      |
| KD3CQ      | R6AF       | JG1WSC     | IZ8XQC     | JG3FEA     | WA9PIE     |
| SP8HKT     | SP5IWA     | JH1BAM     | JA1QXC     | JL1XMN     | ZS4TX      |
| SV1GYG     | SV2AEL     | K4XD       | JA5BEN     | K3WW       |            |
| W2GG       | W6SR       | K6ND       | JG0CQK     | K5DHY      | <b>279</b> |
| W5LT       | WA3AFS     | KK0M       | K1LPS      | K9NW       | AJ9C       |
| W6XK       |            | N2NL       | K1RO       | LA8HGA     | HL3GOB     |
| YO2RR      | <b>291</b> | N7TY       | LU8EKC     | LU4FPZ     | JA1FQI     |
|            | G0EHO      | R0FA       | RA0FF      | N7IR       | JA7LGE     |
| <b>294</b> | GM0AXY     | UN6T       | UR5EDX     | N7RO       | JA9IFF     |
| EA6NB      | K3PA       | W9YSX      | W3GQ       | OE8SPW     | JE8TGI     |
| HB9BOI     | K5VIP      | YB1UUN     | W5VY       | RA1QD      | JF2XGF     |
| HB9CEX     | K7ZV       | YO2CMI     | W6PJ       | S57AT      | UN7LZ      |
| JA1BPA     | KB8VAO     |            | W8AXI      | W1LW       | VE3EK      |
| JA1IOA     | KP2A       | <b>288</b> |            | W6BJH      | VK3HJ      |
| JA2VQF     | LA5HE      | I1EIS      | <b>285</b> |            | W3JX       |
| JE1DXC     | MM0EAX     | JA1SVP     | DL1TRK     | <b>282</b> |            |
| JE1GWO     | N2TN       | JR1DUP     | DL2SWN     | GM3YOR     | <b>278</b> |
| JE8CLT     | VE3CFK     | K4MS       | EA3GHQ     | IZ0RVI     | 9A4T       |
| JK1EXO     | W3RJW      | K9US       | IZ8DFO     | K5UO       | DL5CW      |
| K5MC       | W6YI       | KD0Q       | JA2VMU     | NT0V*      | EA8RR      |
| KZ4V       | ZS2DL      | N4RWG      | JK1GOK     | RD3AW      | F2NH       |
| N0KV       |            | N6UK       | K6GXO      | SM4CTI     | I4KDJ      |
| R5DT       | <b>290</b> | SP9JZU     | K6PJ       | UA0BA      | IV3GOW     |
| RU6L       | 9K2OD      | UA3AGW     | OE1WHC     | W7AL       | IW1QN      |
| SV3DCX     | AA4A       | W1EQ       | W8AV       |            | JA8LRG     |
|            | EC3A       | W1YIF      | WK7E       | <b>281</b> | K1USA      |
| <b>293</b> | IZ4MJP     | W2LE       |            | AD5Q       | K2UR       |
| AA4R       | JA1JAT     | W2NO       | <b>284</b> | EA5OX      | K3UL       |
| CU2AP      | JA1KQX     | ZS2EZ      | EI9FBB     | EI2GLB     | K5RT       |
| DL1SMA     | JE1LFX     |            | JA1WSK     | F3AT       | KD0PO      |
| EA3WD      | JE2EHP     | <b>287</b> | JA2FGL     | IZ8FDH     | VE3CRG     |
| IV3YYK     | LA2QM      | 9M6YBG     | JA3DY*     | N2WB       | VE3DZ      |
| JA2CXF     | LA5LJA     | AA8LL      | JG3SKK     | N5GH       | W8MHW      |
| JA3RQ      | LU3CQ      | HB9BAT     | JH3SIF     | N8SNM      | ZL4TT      |
| JA9GPG     | N9FN       | JA2ATE     | JN1BMX     | W0LS       |            |
| JH7RXU     | PP1CZ      | JA3EOP     | K0BBC      | W7ZJ       | <b>277</b> |
| JM1FHL     | SK3PY      | JE2OVG     | K0TPP      | W8TN       | EU1KY      |
| K4JAF      | SV3AQR     | K0AZ       | K9SM       | XE1KK      | F5UJK      |
| K9MK       | UN7TW      | R9SA       | OE5BWN     |            | IT9CVO     |
| N2LM       | VU2NKS     | RM0F       | PY2KP      | <b>280</b> | JA0PE      |
| PY2IQ      | W2LK       | SM5ARL     | SM0CCM     | GM3PPE     | JA3ENN     |
| S55DX      | W3OA       | UN7JX      | SM6CTQ     | HA5VZ      | JA8EOT     |
| W9AJ       | W4VIC      | W1VT       | SP3IBS     | IK0HFO     | K2AJY      |
| WA4FFW     | WB9EEE     | W4YCH      | W2AY       | JA2IYJ     | K8UT       |
|            | XE2CQ      | W7BEM      | W4FQT      | JA6TMU     | N5LZ       |
| <b>292</b> |            | WA6F       | W5ODD      | JH4ALY     | UT7UV      |
| AI9L       | <b>289</b> |            | W8BBQ      | JR6LLN     | UW2ZM      |
| EA5AT      | AJ6T       | <b>286</b> |            | K1GG       | VU2PTT     |
| G4GIR      | DL9TJ      | 4Z4DX      |            | K4WNW      | W3BW       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| WF2S       | JA6BEE     | DS1JFY     | KB1EFS     | JR8AMF     | EI8IU      |
| WT4Q       | JH3GCN     | EA1KY      | R8TX       | K1KO       | FG5FR      |
|            | K5PS       | F9XL       | SM5BMB     | K8FH       | JA1KPH     |
| <b>276</b> | N4IG       | JN1RQV     | SM5FUG     | KN6KI      | JA2FBC     |
| DK3WW      | OZ1ACB     | K0BJ       | W1KSZ      | N1RR       | JH3FUK     |
| HB9LCW     | RW7M       | K7UA       |            | W2OIB      | K8YSE      |
| IZ5BAM     | UR5WA      | K9JF       | <b>266</b> | W3ACO      | LY1G       |
| JA7FWR     | W4HG       | N4QQ       | 7K1PTT     | WA4LOX     | N6MZ       |
| JA7LMZ     | W8RLS      | PU2POP     | IZ8VYU     | WB2GAI     | N7BT       |
| N5MOA      |            | VE6LB      | JH1HHC     |            | NN4X       |
| ON4CAS     | <b>272</b> | W8HC       | JJ1TKN     | <b>262</b> | NX0I       |
| RX4HZ      | AF9H       | WL7E       | K8AJS      | CU3EJ      | SK7AX      |
| SM0NJO     | CT1FCX     |            | K8ROX      | I5REA      | TG9NX      |
| SM5CLE     | CT1GFK     | <b>269</b> | KQ4AV      | IV3VBM     | WA0MHJ     |
| VE1JBC     | E72A       | IK8EPC     | PZ5RA      | JA8BAR     | WA5LFD     |
| W1ZT       | F5PBM      | IZ3ENH     | RA4CA      | JF1NZW     |            |
| W5GO       | HA9PP      | JA1OVF     | W0FLS      | JG1OGM     | <b>259</b> |
| W9FR       | IK5PWN     | JA1VLK     | WB3LHD     | K8AV       | 4F2KWT     |
|            | JA9FPI     | JE3ENP     |            | KF2DT      | AA9A       |
| <b>275</b> | K3FRK      | JP1NWZ     | <b>265</b> | LA9FFA     | DJ8NT      |
| EA1AF      | K7EG       | K0KT       | G3WPH      | ON5UE      | EW1BA      |
| HL2WA      | K8BL       | N4UOZ      | JA4FM      | W5ZG       | I5OYY      |
| JA2JRG     | KI4GE      | NW7E       | JO4CFV     | W6NWS      | JA8BNP     |
| K0GD       | LA3MHA     | OM4EX      | K2CBI      | W6RS       | K2UFM      |
| N2JJ       | OE5FIN     | SM5FWW     | LB2TB      | W7LGG      | K5VWW      |
| N7KA       | PA0ZH      | W1MK       | N5KM       | W7QDM      | K6IPM      |
| N8PW       | SV1ACK     | W4MAY      | N9JV       | W9PZT      | N4JQQ      |
| PA7RA      | W1YRC      | YB1AR      | W7MEM      | WA3GFM     | NI3P       |
| W4OX       | W2OO       |            | WB2BIN     | WB8ART     | PY5CC      |
| W9MJ       | W3AP       | <b>268</b> |            | ZS6NJ      | SM4AZQ     |
| WO7R       | WN6W       | JA1NWD     | <b>264</b> |            | W2FV       |
|            | ZS1A       | JK1TCV     | 4Z1UF      | <b>261</b> | W7AH       |
| <b>274</b> |            | K1DG       | DF2GH      | HB9RYZ     | W8KEN      |
| DL6JZ      | <b>271</b> | K1MAA*     | EA1KP      | IZ8IEV     | WA1S       |
| EW1KP      | 4X1RU      | K9MBQ      | F6DBX      | JA2XCR     |            |
| IK0AGU     | AA8R       | KD4W       | HK1MW      | JH3KAI     | <b>258</b> |
| IW0HOU     | I1FQH      | N2AJ       | JA8DNV     | K2FW       | DK7YY      |
| JH1IAQ     | IK2DZN     | N5JB       | JA8ZO      | K2KA       | HB9IQB     |
| K1DT       | IZ8EJB     | N6TA       | JR4LNG     | K7LJ       | JA9AGN     |
| K3PT       | JA0DET     | NA5DX      | KA1ERL     | ND4X       | JH1BNC     |
| K6UM       | JE6TSP     | OH1ZK      | LA0FA      | NK4L       | KH2L       |
| KA8ZPE     | JM1HJG     | ON6AA      | N1GC       | OM8FR      | OH4UI      |
| KJ6P       | K3PU       | SM5ENX     | PA7TWO     | SM7CQY     | SA0AQT     |
| NA5C       | KS3F       | SM6BGG     | SV1CQN     | W0GG       | US0YA      |
| OE2GEN     | N8LJ       | W8QZA/QRP  | VE6AX      | W4UCK      | W1SSN      |
| RA5BM      | NK0S       | WA1YTW     | W5PF       | ZS6WB      | W4LSC*     |
| SV9AHZ     | UA3TT      |            |            |            | ZL2IFB     |
| UA3ECJ     | WA3C       | <b>267</b> | <b>263</b> | <b>260</b> |            |
| W0EWM*     |            | 4X6ZK      | DK4TP      | 7M4AOE     | <b>257</b> |
|            | <b>270</b> | AA4FL      | EA3CJ      | AB4SF      | AF4HX      |
| <b>273</b> | CT1EAV     | JF2WGN     | EA4DL      | EA8MT      | BA4RF      |
| JA1XPQ     | CT3MD      | JG8FWH     | HA7UW      | EA9IE      | CT1FPQ     |
| JA2TBS     | DK8MCT     | JI3CJP     | JA7XBG     | EC1AIJ     | DJ0UT      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| EA7SG      | K3SEW      | N4SC       | <b>247</b> | K6EID      | KV1E       |
| EB3CW      | KI5BLU     | N5UL       | EA3EQT     | K8RRT      | W3ABT      |
| IK2PZC     | N4LR       | W1KDA      | HL3DE      | N1EN       | W5DNT      |
| IK4AUY     | UA3O       | W2JLK      | JA1DDZ     | OE3HWC     | W5QM       |
| IK8VRH     | W7YAQ      | W4SK       | K3VAT      | SP6A       | W9EWZ      |
| JJ1DWT     | WA0RVK     | W5GAI      | KM1D       | W4REX      | WV6E       |
| N3VA       |            | W8JRK      | N6RV       | W5PJR      |            |
| N6HC       | <b>253</b> |            | N7DED      | WA3F       | <b>240</b> |
| N6PSE      | CT1BWU     | <b>250</b> | VE3YV      |            | 7K1CPT     |
| OH1JP      | CU2DX      | CT1DOF     | W2GW       | <b>243</b> | GU0SUP     |
| PY2MC      | DS5ACV     | EI6FR      | W8IQ       | CT1FUH     | JA1DM      |
| RU1AB      | G3UAS      | EI9JF      | WS5W       | CT3KN      | JA2FSM     |
| SV1VS      | HB9DHG     | HA7TM      |            | DS5TOS     | JE1HRC     |
| W8MET      | JA6GPR     | IK0UTM     | <b>246</b> | G4XRV      | JR1WCT     |
| W8MJ       | JA6IVR     | JA8CJY     | IV3KFB     | JA2EPW     | KF0LA      |
|            | JE2RDO     | JL1MWI     | JA1VRU     | JA7BEW     | N0ABA      |
| <b>256</b> | K6MKF      | JR0EQQ     | JA2QXP     | JF1LMB     | UX5UO      |
| BH4QYX     | K8DV       | KQ3F       | JA7HRM     | K4ZO       | W0SZ       |
| EC1A       | KE1F       | N1SV       | K1FEV      | K8ME       | W8IW       |
| FG8OJ      | N7XR       | OZ4VW      | K4KAY      | LA9VFA     |            |
| IK4HPU     | NF1G       | PA0JSE     | K6BV       | N1API      | <b>239</b> |
| JA0KJE     | UA0FO      | PY2FN      | K9YC       | N4QWZ      | 6K5YIA     |
| JH1RGG     | WF4U       | UN3G       | N2DPF      | NV9L       | DJ9RR      |
| JH4GJR     | YB0COU     | W7HPW      | N3KN       | SV1FJP     | IZ1JMN     |
| JM1GHT     |            | W7IU       | W1KMA      | W1BR       | IZ2FOS     |
| JM2RUV     | <b>252</b> |            | W3FI       | W8OP       | JA7KE      |
| K0TT       | DL7UPN     | <b>249</b> | W3ICM      |            | K2XF       |
| M0TTB      | G3KWK      | IZ4DPV     | W5ZO       | <b>242</b> | K6EME      |
| N9ISN      | G3NKC      | IZ8GGF     |            | DH2PC      | N8SHZ      |
| W9HBH      | JA1BNW     | JA8FFM     | <b>245</b> | HL3AMO     | SP6JIU     |
|            | JA8UIV     | K7XB       | AK5X       | JA4ZA      | W0JM       |
| <b>255</b> | JF3PNQ     | K9NR       | JH7BKN     | JH1WJR     | WB7B       |
| AI6Z       | JH1ACA     | N8OC       | JR3UIC     | JH4ADK     |            |
| IV3TMM     | JH4CBM     | NA5Q       | N0AH       | JR1MLU     | <b>238</b> |
| JA9NLE     | JL1BYZ     | NU1B       | N5BO       | K1CA       | EA1JO      |
| JE2DZC     | K1ESE      | OZ5NJ      | NZ3O       | K4PB       | HB9MFM     |
| JH4HMG     | KI1U       | SM4OLL     | S55ZZ      | K7FEL      | JE2VLG     |
| JK1OPL     | LA5YJ      | UN3GX      | W6DE       | N2NS       | JF0JYR     |
| K1UU       | NT5V       | W0RX       | W9JJB      | N3RC       | JH3FHQ     |
| K9FN       | SM7IUN     | W1OPD      | YB0NFL     | N6HY       | K9OR       |
| KR4F       | W2ZI       | W9RC       |            | N6KZ       | KA4RRU     |
| N1RK       | W7CA       | XE2D       | <b>244</b> | SV1IW      | KF7F       |
| VR2XMT     | WS9V       |            | EA5RD      |            | M0CSD      |
| XE1MEX     |            | <b>248</b> | HB9BUN     | <b>241</b> | N4PJ       |
|            | <b>251</b> | HB9DOT     | HL2KV      | AB5C       | N9UA       |
| <b>254</b> | 9A4W       | HL4GAV     | JA1CZI     | AF5CC      | W4KA       |
| BA7IO      | AA6AA      | JJ1SKG     | JA4VLK     | HC1BI      | WA4QMQ     |
| CT1BWW     | DL2RTL     | LA6UL      | Ji6IHG     | IS0AFM     | WA6JA      |
| DL1HRN     | F1ICS      | N4XP       | K0KG       | IZ8FWN     | WB0TVY     |
| E72U       | JA5BGA     | OZ1LCG     | K1EFI      | JF2VAX     | WQ6Q       |
| JA3VPA     | K1SM       | VE3YF      | K1PL       | JP1IOF     |            |
| JA3WLN     | K4VIG      | W5JAY      | K1YR       | K4RG       | <b>237</b> |
| JH1VUO     | K8CW       |            | K4JJW      | K7KB       | CT1BOY     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| G0VXE      | TA1CM      | JA6CBG     | JK1VXE     | K2BA       | EA7DUD     |
| IW3GJF     | W7YW       | JH1APK     | K0HD       | KB1DMX     | I8MTQ      |
| IZ5YHD     | WB8CQV     | JH6DUL     | K3FM       | KH6M       | IK2RZP     |
| JA0LXP     |            | K0DD       | K4CMS      | KK4OK      | IZ8MBW     |
| JH1DGQ     | <b>234</b> | K4ST       | KD1F       | KX2A       | JA1IAZ     |
| K1RV       | DF7EE      | K5FNQ      | KI4DLS     | N2KX       | JH1DGJ     |
| K2NV       | DK2CC      | KF7PG      | N4NW       | N5ET       | JR1VAY     |
| K8YYY      | HB9BYQ     | NY2NY      | W1WC       | N6BM       | K6IPV      |
| N4HID      | HB9JOE     | OZ1IKY     | WA1PMA     | VK4CAG     | KG9Z       |
| SM0MPV     | HS1NGR     | RK4FD      |            |            | KI6CG      |
| VU2CPL     | IK0LNN     | RQ3A       | <b>228</b> | <b>225</b> | KW4V       |
| W2XI       | JA1EMQ     | W2/CT1GIF  | F5LIW      | DK5RL      | N1NU       |
| W8UN       | JA8XQI     | W2YR       | GW4TSG     | DS5DNO     | N4ENE      |
| WA0ROI     | JK1BSM     | W3FOX      | JF1RYU     | EU1M       | VE7TK      |
| WB8B       | K4MF       | W6CYX      | JH1ERJ     | JA3QOS     | W4PNY      |
| WB8ZRL     | KE5FXE     | W9ZCL      | JH2PWY     | JH1UBK     | W7IB       |
| XE1RBV     | KE8UM      | WV4TN      | JR7GBL     | JH8NQV     |            |
| YO3JF      | N4HB       |            | K5FZ       | K0OK       | <b>222</b> |
|            | N4OA       | <b>231</b> | KS4S       | K1JIU      | AA0MZ      |
| <b>236</b> | ND4V       | AD5WB      | N6PM       | K5YU       | DJ9SO      |
| AA7G       | NV4B       | G3KMQ      | RA3QUA     | KA8SYV     | DL5XL      |
| FG4NO      | S51NM      | HL2ZN      | W2DXE      | MU0FAL     | E77S       |
| HB9ZS      | W3WST      | I0JBL      | W9FI       | N9SF       | F6ECI      |
| HL2CFY     | WA4CEM     | IW7DVM     | WB8K       | SM3LGO     | IZ7AUH     |
| JA1HOM     | WA4JQS     | JA1MZL     |            | W3MR       | JA9NFO     |
| JA1JYE     | WA5UA      | JF2WXS     | <b>227</b> | W5GZ       | JM1VRW     |
| JA3KNN     |            | JH0AWC     | DL2RUM     | W5TFW      | K2AT       |
| JK1UNZ     | <b>233</b> | K2SN       | G3VPW      | W8UV       | K6ZZ       |
| JN1NOP     | AA9GR      | KD6UO      | HL2EIZ     | YO9FNP     | KJ7TEA     |
| K1ACL      | AJ4A       | NA4EA      | I0MWI      |            | N2SQW      |
| KM3J       | CU3EQ      | SM7NDX     | IK8UHA     | <b>224</b> | OZ7FOC     |
| KM6HB      | EA4DEI     | W0QQ       | JA0DWY     | DK3PZ      | RA4P       |
| N4GN       | JA4HAW     | W4UDH      | K1GE       | EA7QW      | W6AER      |
| N6IE       | K8BN       |            | K1KA       | JA3FHL     |            |
| OE2BZL     | K8EAB      | <b>230</b> | K5GH       | JA8NFV     | <b>221</b> |
| PA0TCA     | KJ7M       | DK6OR      | N4IQ       | JK1WSH     | E21EIC     |
| SV1HEP     | N2NW       | F6HLC      | N6OJ       | JO1LVZ     | EA2AAZ     |
| W0HBH      | N9BX       | G3LUW      | NF4A       | K1CBK      | HI8RD      |
| W2TB       | NE3F       | J11VVB     | W5SL       | N3RW       | J11NJC     |
| W4GIW      | PY5IP      | KB9DAK     | W6DR       | N7WO       | JR7FRW     |
| W9OO       | SM0XBI     | N0RN       | W8GNM      | NH6T/W4    | K4JC       |
| WY6N       | W2NRA      | W5DM       | WA2USA     | OE3KLU     | K5DV       |
| YB2TX      | W6RW       | W8WVM      | WA8MCD     | PE1L       | KK9H       |
|            | W6YOO      | W9YE       | WA9GON     | RW4CY      | KU4XO      |
| <b>235</b> | WB2KSK     | WB2NPY     | WC3W       | SM7BHH     | RU0SN      |
| EU1U       | WD8PKF     |            | YL2KF      | SP6AXW     | W4DEE      |
| JE1IBI     | ZL4AS      | <b>229</b> |            | VE3SKX     | WB0O       |
| K0VSH      |            | AA3LX      | <b>226</b> | WN6K       |            |
| K4QE       | <b>232</b> | AE0P       | DM2RM      |            | <b>220</b> |
| K5CWR      | DL9FCY     | AJ8MH      | HA5PT      | <b>223</b> | AA6RR      |
| K8ZM       | EA1RT      | IK2GAJ     | I0OSI      | AC9EM      | DL4DW      |
| N2FF       | JA3BXF     | JA2OLJ     | IK7FPV     | AC9O       | EA5DFV     |
| NW4M       | JA5NPV     | JE1VTZ     | K1XV       | AF2C       | EI9FVB     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JA6AVT     | JA7ZP      | W1JGS      | W5DAW      | KS4YT      | <b>205</b> |
| K1DJ       | JG5RVQ     | W2PP       | W5GA       | LB5WB      | CU3AN      |
| K4EU       | K2HAT      | W4IS       | WK4Y*      | LB6KC      | DL4LAM     |
| K4MIJ      | KB5UNX     | W6SL       |            | NW6S       | DL6UNF     |
| K5MT       | N6QI       | W7JY*      | <b>211</b> | OH7TV      | HB9BNQ     |
| K6MM       | OZ0J       | WE1P       | JA3LDH     | W5FPT      | JA4DHN     |
| K7AWB      | SV8DOU     | WE4S       | JJ1KZZ     | W6WF       | K3WWT      |
| KZ9DX      | W0TM       | WV9L       | KD2T       | WX2U       | K4YYL      |
| NA5Z       |            | WW8W       | KT2C       |            | KE6V       |
| ON4ATW     | <b>216</b> | ZL2AL      | N1BY       | <b>207</b> | N9KW       |
| PA3BWD     | CX2CC      |            | VR2XLN     | 9K2BM      | OH2IS      |
| SM0DSF     | DJ3XG      | <b>214</b> | WA3I       | G8AJM      | OH3OJ      |
| UR4IOR     | G4VMX      | EA5AR      |            | JF1WLK     | UN9L       |
| XE2X       | HB9CXZ     | F4GVO      | <b>210</b> | JF2OZH     | W7HR       |
|            | HB9DQV     | I5XFD      | JF6XQJ     | JH2VVH     | W8BLA      |
| <b>219</b> | IZ0NRG     | JN7DOS     | JR2PZX     | JJ1BMB     | W8FIB      |
| AG1A       | IZ1JLG     | K0QQ       | KD4SN      | K9FZ*      | WA4MME     |
| F5JSD      | JA1FJJ     | K2AZ       | KD8RQE     | KE1VT      | XE1J       |
| HL5BMX     | JA2VHO     | KB6CIO     | KE4UW      | KK2M       |            |
| K5JZ       | K3NQ       | VK3BDX     | PY2WC      | KV4T       | <b>204</b> |
| K9ZM       | K7LV       | W0K CJ     | S54A       | M0IKW      | EA2AFV     |
| KG6I       | KK4OW      | WB6BFG     | VE7BV      | N9AKR      | HB9DVO     |
| KI7AO      | KR4W       |            | W5THT      | OE1JIS     | JE2EBT     |
| N1KC       | NC4RB      | <b>213</b> | W5WP       | ON4ANN     | JH1OBS     |
| N6DX       | PS8ACL     | 9A1AD      | W7FP       | RD9M       | JJ6DGP     |
| NA9RB      | W0SR       | AG3V       |            | SP7ICE     | JR0QFA     |
| W6GRV      | W9MO       | DK3UA      | <b>209</b> | TF3DC      | JS6TWW     |
| WB4KTF     | WB3D       | DS3HWS     | 7J1ADJ     | VK2CA      | KB5HC      |
|            | WS1L       | IK1IYU     | AH0U       | W4GE       | KM9E       |
| <b>218</b> |            | IV3FFI     | K0VM       | W7NN       | KV4AA      |
| DL2NOM     | <b>215</b> | JA0EVI     | K5ALQ      | W9QO       | KW4CQ      |
| DL4NBE     | 9H1EJ      | JA1FVS     | KB4MRX     | YB0MWM     | W4GP       |
| DS4AOW     | AA7XT      | JA3NHL     | N0ODK      | ZS1J       | W7IV       |
| I7PXV      | G4FKA      | JR1EFG     | N6PEQ      |            | W8LMG      |
| JF1MTV     | HB9EFK     | K2RU       | NE6I       | <b>206</b> | XE1L       |
| JJ1QUV     | IZ0BVU     | K4JWA      | PU1KGG     | 3A2MW      |            |
| K1NTR      | JA4CZM     | K9GA       | SM5BNK     | HB9CRV     | <b>203</b> |
| K3EA       | JE1PNX     | LA5SJA     | W3BJ       | IZ4DIW     | F5NBX      |
| K9JU       | JE2UFF     | N8GP       | W6DCK      | JF1IRW     | IK2RGT     |
| KE3D       | JH0OXS     | NA2M       | W8HMK      | JH0BQX     | IZ0BTV     |
| N4JT       | JH5HDA     | VK3FM      | WB0ULX     | JN1NBU     | JA7JPZ     |
| TZ4AM      | JT1BV      | W2KA       |            | K0MN*      | JH8NBJ     |
| VU2CDP     | K2XB*      | W8WEJ      | <b>208</b> | K8NK       | K0CS       |
| W8CZN      | KF4NEF     |            | DL8SDC     | KF9UG      | K4JKB      |
| W9KVR      | KR6C       | <b>212</b> | JA1OVD     | KK5OQ      | K9OW       |
| WA2NPD     | KX4TT      | DJ3AS      | JA1PBV     | KK9T       | KA1DJ      |
| WC4H       | N8NN       | G4ZOY      | JH0NOS     | N4TOL      | KM7R       |
|            | N9AOL      | JA1BWA     | JR3VMJ     | N8BJQ      | N3PS       |
| <b>217</b> | RN9N       | JH3GFA     | K0THN      | NA2AA      | N4TV       |
| AB4UF      | V51B       | KU4BP      | K2PF*      | NA9Q       | N6PAT      |
| DH0GSU     | VK3NX      | PY2RO      | K4CGY      | W9DX       | SV1FKZ     |
| EA5B       | W0FG       | SM5AOG     | K4WES      | WA3WZR     | W5RF       |
| JA2NNF     | W0TT       | SP5LKJ     | K5RJ       | WA6G       | WA3FRP     |



|            |            |            |            |            |            |
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| <b>202</b> | K4VNY      | SP5MXZ     | W8NN       | WB4GLI     | <b>185</b> |
| AA9RR      | MU0GSY     | W1MJB      |            | ZS1DX      | G1VDP      |
| DF3EC      | N2RR       | W6HYI      | <b>192</b> |            | K0KP       |
| IK5BOH/2   | PB9FN      | WA0WWW     | F6FYD      | <b>189</b> | K3PP       |
| JR4LZX     | V51YJ      |            | IZ7GIT     | HI3T       | KE5BR      |
| K1NJ       | W6JZ       | <b>195</b> | JA0CIU     | I0LYO      | N4HN       |
| K9TF       | W9RXJ      | CT1ELF     | K5IB       | IV3KCB     | UN7BK      |
| K9WX       |            | IZ5FSA     | K6XN       | JA1SGU     | VA7ZT      |
| N8WD       | <b>198</b> | JA2NDQ     | K9SG       | JG1SWM     | W2WG       |
| NU1O       | DJ0MCH     | JA7QQQ     | KE0A       | K6JAT*     | W6RKC      |
| W1AW       | IV3BSF     | JL3OUW     | KJ4UZU     | K6UXO      | WB5NHL     |
| W1DYJ      | JR1IZM     | K4KEW      | KJ4YLO     | KU8X       | WC2K       |
| W3NS       | K0GW       | KE4S       | N4XYZ      | KY5I       |            |
| W4RDX      | KA1J       | N3XM       | N9JR       | RM3DA      | <b>184</b> |
| W7TUS      | KC6JAM     | OH6NIO     | UR3EO      | RN3CT      | AD6ZJ      |
| W7VY       | N4FN       | SQ7FPH     | VA2IG      | SM4BZH     | DS4GKF     |
| WE2N       | N6ZN       | UR5FEO     | WY1G       | W6DPD      | EA5RU      |
|            | RA3BL      | W3SB       | YB1TQL     | XE1FAS     | HP2NG      |
| <b>201</b> | W6SHY      | W6KK       |            |            | IK0HBN     |
| AA8SW      | WA2VQV     | W9LN       | <b>191</b> | <b>188</b> | IK0WRB     |
| GI4OWA     | YL2TW      |            | AA4NC      | EA7AN      | IT9ODQ     |
| JH1IED     | YV5LI      | <b>194</b> | DG5LAC     | JA0GCI     | JH1FVE     |
| K0MFI      |            | A65BD      | DL4FAP     | JK1AJX     | K3JM       |
| K4YJ       | <b>197</b> | HB9ESS     | HA5CW      | JP1GUW     | K3NF       |
| KK1W       | 4X4MF      | HB9VAB     | K1RI       | JR0AMD     | K5RKS      |
| LA9GX      | BA4TB      | IT9AAI     | K8QKY      | K1JD       | KZ1W       |
| PY2GG      | EA1DLU     | JH1OCC     | KO6KD      | K2DC       | M0HIH      |
| RT5A       | IV3AVQ     | JH8UQJ     | N4DWK      | PY2RN      | NW7M       |
| W6AEA      | IW9DNI     | K1LT       | N7MQ       | WV4V       | SM2EJE     |
| W9IL       | JJ2WOC     | KP3AH      | OZ7DN      |            | UN7BY      |
|            | K8SIA      | KR8T       | VR2CH      | <b>187</b> | UT7KF      |
| <b>200</b> | KI4WCQ     | NJ3K       | W5LO       | IK8GJR     | W6BK       |
| HB9AGO     | NG7M       | NJ7G       | WF1H       | JH7NTW     | W7IUO      |
| HB9IIO     | W1FA       | SP6Eiy     | WI8R       | W5ZE       | WB2HJV     |
| IZ8EKL     | W4DAO      | W4DC       |            | W8UQ       | WB3BFC     |
| JA0KJD     | W4HZ       | W5UHQ      | <b>190</b> |            | WB5STU     |
| JA3EY      | WQ5R       | W5VQ       | AA4U       | <b>186</b> | YB1RUS     |
| JE2KSM     | XE1H       | W7PAQ      | AC4VM      | AA4LR      |            |
| K2TER      |            | WA1NXC     | BV1EK      | G4XEE      | <b>183</b> |
| N1IA       | <b>196</b> | WW2DX      | DJ9KV      | JA2MNB     | JA2KSP     |
| N4TD       | AD8P*      | ZS2Y       | EC7B       | K5QX       | JE4CIL     |
| N7ELL      | AG5W       |            | G3WW       | KC6X       | K3SF       |
| N9PGG      | CT3CD      | <b>193</b> | HL4CCM     | KK0DX      | K6LRN      |
| PY3VB      | G7SSE      | 7L4VYK     | IZ0GYP     | N6MXU      | LU4FW      |
| VK6LC      | I7LGM      | AE4CW      | JA2ITK     | N6VNI      | NA2U       |
|            | I8YAV      | DH3KM      | JH8KFE     | NU4B       | W3ML       |
| <b>199</b> | JA1XRA     | I1YDT      | Ji2UDK     | W4WN       | YB2TS      |
| AA3TH      | JH1OGT     | IZ5MOQ     | K7UT       | W8RV       |            |
| AC0X       | N2GZ       | JA0AXV     | K8ZT/QRP   | WA5IPS     | <b>182</b> |
| AD4AA      | N3QE       | JA1QIW     | KD0AA      | WB4DNL     | I5FLN      |
| JH0RVY     | NA9A       | KB2FCV     | N3AIU      | WZ4RC      | I8LWL      |
| K3SX       | RC2A       | KM1C       | SM7GIB     |            | JA7FAS     |
| K4SX       | SP3F       | SM5ELV     | W9ROG      |            | JG1JPE     |

|            |            |            |            |            |            |
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| J11CQA     | KZ2R       | K5DCW      | HB9HVG     | DL2JIM     | LU8ADX     |
| K7LAZ      | N3KV       | KK7YC      | K5ZQ       | EI5KO      | LX1CW      |
| KG4JSZ     | N3ME*      | KT8D       | K6UNE      | EI6AL      | N4ST       |
| KK8MM      | N4MIK      | N1JP       | K7PT       | JA1BON     | N6MB       |
| KL7TC      | NY1V       | N2MEE      | K8JE       | JA1GVT     | OE1ALW     |
| LA5LT      | SP5ELW     | OZ9XU      | LA9VBA     | JQ1YIW     | PP7LL      |
| N8NA       | W0ZS       | VE1VOX     | N7HN       | K1ZJA      | R4FAN      |
| N8NB       | W4CCS      | W0PE       | N9DR       | K6JJ       | VE3YXO     |
| ND3L       | W4TUN      | W4AEJ      | NN5E       | K7CU       | WX0Z       |
| ON6KE      |            | W4LEW      | NX2X       | LA2GH      |            |
| VK5GR      | <b>178</b> | W7WZ       | OV5O       | N4VN       | <b>167</b> |
| VU3CAU     | EA8AXT     | W9WO       | SM0EUI     | N5PA       | JA3AVO     |
| W6SFK      | G4DDL      | WA3GNW     | WY7FD      | N6EM       | JA8BOV     |
| WV2I       | I4UUL      |            |            | N8VV       | KB8NTY     |
| WV8DX      | IW0BYL     | <b>175</b> | <b>172</b> | NK7C       | KE3X       |
|            | JA3UNA     | AG5CN      | EI1DG      | NX4TT      | KH6XT      |
| <b>181</b> | J11WLL     | JA0LFV     | G3SBP      | OZ3SM      | KN7D       |
| IZ4AIB     | K0NV       | JH6RTO     | JA7DPC     | VE1OP      | N1ZJ       |
| JH1FNU     | K1ZE       | JO3WHB     | JA7FVA     | VE2YG      | N7VPN      |
| KY6R       | K4GO       | KD4POJ     | K5TA       | W0OGH      | PY2SEX     |
| N6NU       | KR2Q       | KF6HI      | KC2SST     | WA4USA     | WA0SXV     |
| N6VS       | KU1T       | LZ2ZG      | LZ1XL      |            | WA5NFC     |
| N8HRZ      | VU2LBW     | N7NG       | N2ZA       | <b>169</b> | WB8BZK     |
| NV4A       | W7HUY      | NS3L       | N3AO       | DM3CW      |            |
| SV8CKM     | WB6AXD     | NW7US      | OH2LHE     | JE1PHH     | <b>166</b> |
| UA9AEU     |            | UA1OM      | SP5ES      | K3VAR      | AL7R       |
| VU2IBI     | <b>177</b> | UA9AGX     | WC0W       | K4WY       | DL1SVA     |
| W2OR       | 4X6UU      | XE1R       | YB4IR      | K5CD       | HL4XM      |
| W6TK       | IU0ICA     | YB0DJ      |            | K9OT       | JE3PCP     |
|            | JA3EEM     |            | <b>171</b> | KF9AF      | JJ1BDX     |
| <b>180</b> | JE4RAL     | <b>174</b> | AD3C       | KI2D       | JR6GHN     |
| A61BK      | JF1LZQ     | AG7N       | CT2GZE     | N5MT       | KN4FO      |
| AA4AK      | JG3KLF     | DF8FT      | DL5MM      | RD3BD      | KR4BD      |
| JH1IZR     | K0EOO      | DL5KUA     | F9CI       | SM7WVZ     | LA7EIA     |
| K0IL       | K3OX       | JK7LXU     | IK3GBG     | SV1IZY     | SV2CLJ     |
| K2SD       | K8YE       | JR3TOE     | JM1SZY     | W0AIH*     | W4PGC      |
| K5TN       | KF4VTT     | K5CR       | JS6QOM     | W7IAN*     | W8SAX      |
| K8SL       | KP3V*      | K9HQM      | K2MK       | W7VAS      | WA1ZIC     |
| NA5S       | NA6MG      | K9UQN      | K2TV       | WA4NUF     | WB3JFS     |
| NZ5O       | NC2Y       | KZ5DX      | K6ZP       |            | YO3AIS     |
| VK2HV      | SM5CBM     | LA6OP      | KB0V       | <b>168</b> | ZS6IR      |
| VR2XYL     | VK2AAH     | N4PYI      | KC5LK      | A92IO      |            |
| W1LE       | W0IKD      | N5QS       | KP4DKE     | AA5N       | <b>165</b> |
| W4DSM      | W1AO       | VU2DCC     | KW9U       | AG4Q       | AG6HE      |
| W5SUM      | W1OP       | W5WI       | N8WRL      | EA5HM      | CU3HN      |
|            | W4KVS      | WA4BIM     | NA6O       | EW1P       | IK0XIH     |
| <b>179</b> | YB1TJ      | WB0N       | W0MU       | JH1ORA     | JE4WOK     |
| AF6PK      |            | WQ5T       | WA4DOU     | JP1LRT     | JF1KML     |
| DL5MHQ     | <b>176</b> |            | WA5KBH     | K1VI       | JK1DDG     |
| K1RH       | DL6NW      | <b>173</b> | WI7P       | K2SY       | K2AX       |
| K4WZ       | IK0CHU     | AB6CF      |            | K4KGG      | K3VPZ      |
| KE5TD      | JA1ERB     | AI9U       | <b>170</b> | KF0RQ      | KG4CUY     |
| KJ6NZ      | JR1FHP     | HB9FBG     | 4X6KJ      | KM4VI      | LA2XPA     |

|            |            |            |            |            |            |
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| N2RJ       | YO3DDZ     | N4MEC      | AA3AZ      | YB1AYO     | JG2LGM     |
| N3KS       | YO3IPR     | N5WA       | E20YLM     |            | K2EK       |
| N6DHZ      | YO4AUL     | N8IL       | EA3HDZ     | <b>154</b> | K4RDU      |
| RA0BA      |            | NI5F       | EI2JD      | AJ8B       | KD2OV      |
| SP7QHR     | <b>162</b> | SV1XV      | JA3MHA     | DS5WQT     | KE9S       |
| VK3TC      | BH4IGO     | W1ASB      | JA4FKO     | JA0GZZ     | KW4J       |
| WB2WPM     | DF2UA      | W1TO       | JM1ESG     | JA4HXF     | ON4LG      |
| WB9PNU     | DJ7JC      | W9FF       | KN7Y       | JA8ANQ     | R9JX       |
|            | DS3EXX     | W9NIO*     | KW1DX      | JH1AQN     | W6RFF      |
| <b>164</b> | EA2AGV     | ZS6RJ      | N4MI       | JH7WQX     | W8FN       |
| AC4BT      | HS8KAY     |            | N6MM       | JK1BIB     | WA6EZV     |
| CT3DL      | JR4CZM     | <b>159</b> | NP3CW      | JL1GYZ     | WA9IVH     |
| DL7JRD     | KA1API     | EA1P       | PY1NS      | JR3QHQ     | YV4DYJ     |
| EI6IZ      | N4BAF      | F4DSE      | W4NBS      | N7JB       |            |
| IZ0GVZ     | WA7BNG     | IK0WMJ     | WD8KND     | NE5W       | <b>151</b> |
| JJ1JMZ     |            | JA0ED      |            | SM0BYD     | AA4UC      |
| K6CF       | <b>161</b> | JA3PRM     | <b>156</b> | W4CIR      | AB2E       |
| K6GFJ      | AE4M       | JK1EBA     | DK8IZ      | W6FL       | DF1IR      |
| KD8MQY     | HL3ERJ     | JK1JAS     | EA3HPX     | W8TM       | DL4KUG     |
| LB7ZG      | JP7FSO     | K0IO       | F1RAF      | WA9MAG     | JA2BUR     |
| N2XQM      | K1BZ       | KB7AK      | G4AYU      | WN7J       | JH2NWP     |
| NA2P       | K2CYS      | LA4JGA     | GM0VRP     |            | K4DET      |
| PT7DX      | K2OP       | LA8ZAA     | GM3WIL     | <b>153</b> | K7LAY      |
| S50B       | K4AR       | N1MD       | JA2ODB     | HB9BEM     | K9AAA      |
| W6SIY      | KD1AB      | NE5S       | JA9RT      | JA3UOQ     | KE4BKL     |
| WA5CMI*    | KM4A       | OT1A       | JH2AJY     | JR7MAZ     | KE8G       |
| XE1YD      | N7QT       | VA3NXM     | K1ROA      | K0COM      | KK4CLY     |
|            | N9LEO      | W1EBM      | KA9OKH     | K0LB       | LZ2XF      |
| <b>163</b> | NA6XX      | WD5BJT     | KC4HN      | K3HW       | N4AA*      |
| AA4OC      | OK2ZDL     | XE1MW      | N4QM       | K4OY       | N7MB       |
| AA8KY      | SM3PHM     | ZS6C*      | N7GCO      | K8ROK      | NU4I       |
| AI4QQ      | W5BK       |            | N7RD       | K9MMS      | SM0NUE     |
| DS4NPL     | W5RDW      | <b>158</b> | W1MR       | K9YZ       | VA3EJN     |
| EA1AZ      | W6DOE      | 9J2BS      | W5JMW      | KK4XL      | VA3HP      |
| F4CPF      | W9GG       | G4SGX      | WA6QGH     | N0VVV      | W3HER      |
| HA5BSW     | YB2DX      | HK3PJ      | WB4YDL     | N2ZZ       | W5WLA      |
| IU8IYE     |            | IK3DVY     | ZL3RJ      | N7NW       | W6WA       |
| JR6LDE     | <b>160</b> | JH3EQP     |            | N7WI       | WA9JWL     |
| K0ABC      | AC0DQ      | JJ1KXB     | <b>155</b> | NC7B       | WC2C       |
| K0CF       | E70T       | K3DFL      | DK3QM      | OH3FVP     | WF8R       |
| K4GN       | EA1WH      | K4HQK      | IV3TDM     | SP5NON     |            |
| K4MV       | F4WDL      | K8GWU      | JR3ADB     | W4DTA      | <b>150</b> |
| KE1B       | HL1VAU     | KB2XJ      | K2DF       | W8VK       | 4O3A       |
| KW4MM      | JA1ITJ     | KF7NN      | K4EZY      | WB4SON     | DK3BK      |
| LA1CO      | JA1UOA     | KJ7NO      | KL0S       |            | DK3FB      |
| N0AMI      | JA7JM      | N4XMX      | KQ4EE      | <b>152</b> | HB9EBM     |
| N7KDT      | JR1CAD     | W2CG       | M0IFT      | 5P5Q       | HB9MXY     |
| R3IS       | K5VR       | W8LIG      | N7WS       | AC6BW      | IT9ABN     |
| SM7CZL     | K7LY       | WB2RAJ     | NO9E       | BX5AA      | IT9IPQ     |
| VA2LC      | KC9K       | WT2P       | OE1HHB     | DF2WF      | IZ2MHT     |
| W1OK       | KF2OG      |            | TF3JB      | DU1KT      | JA6SUY     |
| W1XV       | KM4NS      | <b>157</b> | UT7EC      | G4AFJ      | JA7GZM     |
| W8MIL      | N0IW       | 7N3IJT     | W5SV       | IK5BSC     | JG1GJH     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JG3RWX     | TF3Y       | <b>145</b> | OH3PYY     | JG1RYQ     | N3PV       |
| K1QN       | VE6TL      | 5T5PA      | TF4M       | K0UBR      | N9XX       |
| K5HK       | W4AG       | AA5TL      | TG9AJR     | K6EV       | OD5YA      |
| K9RT       | W9MAK      | AL7TC      | W4UFO      | K7VC       | PV8ABC     |
| KI7M       | XE2YWH     | EA4S       | W7VS       | LA8PDA     | W0UHL      |
| N6JOJ      |            | IW1PUR     |            | LZ2HM      | WA5POK     |
| N9IO       | <b>147</b> | JH1CTV     | <b>142</b> | NH6L       | WA8LRW     |
| ON6ZV      | AB9KZ      | K5FXB      | AK9B       | NZ9Z*      |            |
| VR2MY      | EI3CTB     | K8WHA      | DL8DWL     | W3DIY      | <b>137</b> |
| W3KB       | F6KOP      | KQ5M       | JA0MRW     | W5VU       | DL2RD      |
| W4NE       | G3VQO      | KS0M       | JA1PUK     | W9BS       | EA7LS      |
| W8QXR      | IS0/YO3RA  | N6KK       | JH6PFY     | WB1ASL     | G3PSM      |
| ZS1C       | JJ0LZQ     | N8TFD      | JI1UHZ     | WB8EKG     | HL1MKT     |
|            | JK1OTP     | PT2ADM     | K0SRL      | WW6G       | JA4DNC     |
| <b>149</b> | JL6USD     | W2RS*      | K3GT       | YB3MM      | JF2RSF     |
| 7N2JZT     | K0PC       | W7NP       | K6TAR      |            | JF3VEC     |
| DS4DRE     | K3GGN      | WB9B       | KA6BIM     | <b>139</b> | JH1SBE     |
| ER0FEO     | K4NTO      | WR7Q       | LA1J       | AA4DD      | JQ1PCX     |
| JA7MAD     | K5UZ       |            | NF7D       | F5VML      | K0KV       |
| JS6SCC     | KB7QFE     | <b>144</b> | NN9X       | HB9ARK     | K2CDJ      |
| K2KIB      | KB9LIE     | AD0TR      | RL3BZ      | HB9DTE     | K2RKJ      |
| K8SMC*     | N8JS       | DL6DCD     | YO8CRU     | HL4CBX     | K4AU       |
| K9EXY      | SV8RX      | G4FTC      |            | JE3OUW     | K6EGF      |
| KM2E       | W0QC       | GM0VIT     | <b>141</b> | K0QB       | K6IRA      |
| KP4DS      | W3NRJ      | JL3DGI     | 7K3QPL     | K4TXJ      | K8MRT      |
| N0LGU*     | W9GM       | K1TKL      | 9H1AE      | K9QJ       | KP4N       |
| N0STL      |            | K4SAF      | AB4GE      | K9TRV      | N2KI       |
| NE0U       | <b>146</b> | K8OS       | AC9S       | KX4I       | N4KM       |
| NO0B       | AE5B       | N5UE       | EI3ISB     | N0CKC      | N7VZ       |
| OZ1HPS     | G3LAS*     | NZ0O       | HB9EXQ     | N2SG       | N9NFT      |
| PY8WW      | HB9HHH     | RN0C       | IZ0FUW     | N5FEE      | NU1T       |
| RT0F       | HP3TA      | UY2UZ      | IZ3XEF     | N7NF       | PY2CP      |
| UA9MC      | JA3KWZ     | WB9W       | JR3PKO     | R9MJ       | SM5CSS     |
| WA1EHK     | JH1BHW     |            | K1XE       | WB8QZM     | SP3EPG     |
|            | K6NR       | <b>143</b> | K2HT       | ZL3TE      | TA1AL      |
| <b>148</b> | K8ARY      | AA4MM      | K2JK       |            | W2GGY      |
| 4F3BZ      | K8POM      | AF3X       | K9AAN      | <b>138</b> | W2NY       |
| A71AM      | KB9AIT     | EA4D       | K9AQ       | DL5KUT     | W4UEF      |
| J68HZ      | KD3HN      | HB9AAA     | KA5VFU     | DL5ZB      | W5GOL      |
| JA4GXS     | KM2O       | JA1MOD     | KC1ERO     | G0FWX      | W9CSX      |
| JF2AIJ     | N6RK       | JE3FOR     | N1BCL*     | HB9DVZ     | W9MR       |
| JI3BFC     | SM3DXC     | JR7ILA     | W1NA       | JA0CVC     | WA0WOF     |
| K5EWS      | VU2NXM     | K7QBO      | W6HDG      | JA1PVX     | WG0G       |
| K5LY       | WA2MUA     | K9BQL      | WK8A       | JA1VRY     | WS1F       |
| K8ZZU      | WA3SKQ     | KE4FW      | WK9U       | JJ1OKK     |            |
| KA3GWD     | WA5NOM     | KG6D       |            | K2JL       | <b>136</b> |
| KL7TS      | WW8RT      | KJ4R       | <b>140</b> | K2RET      | CT1ESO     |
| LZ1MDU     | XE2B       | KM4HQE     | AD9DX      | K2YSY      | EA5KA      |
| N0TK       | YB1BML     | KN7K       | EI6JK      | K3GW       | IS0EBO     |
| N3ND       | YO2DFA     | LB2TG      | EI7GY      | K9UWY      | K7STO      |
| N9ATF      | ZS6UT      | N2YBB      | EI7JZ      | KC9G       | K8CQ*      |
| NG9J       |            | N4UP       | EW4C       | KF6A       | K9UO       |
| NJ6K       |            | N7ZA       | HB9GWJ     | KU9S       | NT5EE      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| ON5GF      | W4UAT      | W5FL       | JA1PLT     | DL9GTB     | W9COS      |
| TF3VS      | W5AAJ      | WA1HXH     | JA2ACI     | G8BCG      | WA2BOT     |
| VE3FRR     | WB1DX      | ZS1EL      | JA3WMS     | HK6K       | XE3E       |
| W0ANZ      |            |            | JH1RFM     | I2YPY      |            |
| W4GH       | <b>133</b> | <b>131</b> | JN1SUT     | IK2ULM     | <b>125</b> |
| W4PGM      | 7J1ABD     | 7L2QAD     | K5SES      | JA0BES     | AC4XO      |
| W4PV       | DL8OH      | DM6MA      | K7ORK      | JE2VYM     | DM5JBN     |
| W7SX       | GM1BSG     | EI5GM      | KB4KBS     | JG1LRE     | EI8GS      |
| W8OM       | HB0WR      | GM4KHE     | KF9LI      | JH1HRJ     | GOOSK      |
|            | HK4EB      | IK1UGX     | KJ2U       | J11MNT     | G4EHT      |
| <b>135</b> | JE1COB     | JE4KCN     | KO4PRE     | K0ARM      | IK8PGE     |
| AB4FH      | JM1JIV     | JK1NPH     | N8BK       | K3WGR      | JH8FIH     |
| AC7JM      | K9JDP      | K2WJ       | N9AVC      | K7LFY      | JP1GVC     |
| AK5Q       | KG6WIK     | KA5IAU     | NN2D       | K9BO       | K5NOF      |
| EI2HY      | KI4TZ      | KB1HY      | PY3OG      | KB8KIM     | K8YAH*     |
| G0THF      | LA2IR      | NM1G       | SM2YIP     | KF3N       | KC2STA     |
| HZ1GW      | LA9KY      | NN6K       | VK5CE      | LA2LI      | KK5J       |
| JA1DCK     | N1BKB      | OE3JAG     | W4MA       | N0AB       | N5ZC       |
| JA3MIO     | N1QY       | PT2ND      | W7TG       | N3GTG      | NA7RH      |
| JA7MWC     | OH7HM      | W4EJG      | XE1ILI     | N4GBK      | NN6CH      |
| JH1SOD     | VU2ABS     | W5EC       |            | NA1RL      | SM5AFU     |
| JJ1HLL     | W1GY       | W6OUL      | <b>128</b> | ON5EQ      | VK2DAG     |
| JL2ULM     | W1ITU      |            | A71XX      | VE3EDY     | W0XE       |
| K4OP       | W3MF       | <b>130</b> | DL9SAD     | VU2MSA     | W4AO       |
| K5VG       | W9SE       | AA4QE      | EA1AHA     | W0MF       | W5CWQ      |
| S53MJ      | WB9ZNZ     | CT1HHP     | EI3IO      | WB2KSP     | W6PG       |
| TA1PB      | YB4CHP     | DL1SWN     | EI5JL      |            | W9EBO      |
| W7QHE      |            | I4JEE      | HL2DBP     | <b>126</b> | WA4TMJ     |
| WB3AVD     | <b>132</b> | IK1ZNM     | JH1AWJ     | CU7AJ      | WM4AA      |
| WB6FWS     | AK3E       | JA2LMY     | JN4FNZ     | EI4HH      | WR2G       |
| WB9IWN     | AK6I       | JH3PRR     | K6OJ       | G3XLF      |            |
| WO5I       | I8NLC      | JL4BSE     | K7PTC      | GM7NZI     | <b>124</b> |
|            | IW5EIJ     | K0BX*      | K9YKL      | IK4TVP     | AA5H       |
| <b>134</b> | IZ0COI     | K2MHE      | N0JR       | JA5CDL     | DJ3EJ      |
| AB0RX      | K4BNF      | KF5WCP     | PU4MMZ     | JA5XPD     | EC4KW      |
| AB1J       | K4WM       | KN4JX      | R3BB       | K5KDX      | EI8IQ      |
| DL4ZAB     | KG8OU      | N2YF       | UR9IDX     | K6CW       | G4RGK      |
| EA6AZ      | KI7HO      | N7TM       | V31CQ      | K7PO       | IT9YOZ     |
| IZ8DEO     | KK5ID      | NS4F       | W0QD       | K7YMG      | IZ1UKF     |
| JA6GXP     | KX5U       | NU4Y       | W5MF       | K8GT       | IZ5BYJ     |
| JR0GXA     | M3DFW      | OZ6TL      | W6IS       | K9QA       | JG3KMT     |
| K3KY       | N3TR       | RC3FL      | W8BI       | KC5RR      | JH1XFR     |
| K7FL       | N4EDT      | W1MO       | W8WV       | KK4CB      | JM1LPN     |
| K7YZO      | N4QOG      | W6UC       | WA4UWD     | N5HC       | K0RAR      |
| K9SUH      | N5RN       | W9CTJ      | WC4V       | N8YQX      | K3SUI      |
| KA9JCP     | NN3V       | WB8RFB     | WP4CQ      | NX8Y       | K6VVK      |
| KD2SC      | OZ3SK*     | YB2IQ      | WQ1H       | OH3DP      | K7HC       |
| KN4OK      | SM7DXQ     | YO8PS      | ZS6AKU     | OH4KRN     | K9ARZ      |
| LB5GI      | TF5B       |            |            | PY2OP      | KB8DID     |
| N6XT       | UW7UA      | <b>129</b> | <b>127</b> | VE3TMG     | KC4AA      |
| NJ1Q       | VU3WEW     | AD6KQ      | 7Z1HL      | VR2VGM     | KD9ZR      |
| SM3WMU     | W3KHZ      | AE7U       | AG4TO      | W2KNG      | KS4WA      |
| VA3OKG     | W4MC       | JA0AVS     | DJ5DT      | W8VI       | N0YO       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| N1HO       | KA5SYP     | W5UQ       | K4RM       | KB2S       | HL4RBR     |
| N9BVA      | KB4ET      | W7PC       | K7LOL      | KB5CSQ     | IW2FLB     |
| NT4K       | KN9N       | W9MB       | K8EB       | KO4PY      | JA0NPQ     |
| W6ELI      | N1ZZ       | WA7HQD     | LU9DO      | KP4ED      | JA1UBZ     |
| W6ND       | N6VH       | WB7BBQ     | N8LCU      | KZ1X       | JH8LEY     |
| WW5L       | N7UJJ      | WQ8T       | SV1BYI     | N8AGU      | JJ2VLY     |
| ZL3REX     | N9ATD      | WT3Q       | SV2KF      | VE7NY      | JM1JZN     |
|            | SV7CUD     | WU9D       | W1ZK       | W3DQS      | K8CR       |
| <b>123</b> | UT9LC      |            | W5IO       | W3LWH      | K8RCT      |
| AE5FM      | VE3FAC     | <b>120</b> | W6ZPL      | W4ARK      | KB4CRT     |
| DJ6OZ      | W0JMP      | AA2T       | W8EOG      | W4DWS      | KB7V       |
| DS4DBF     | W1ES       | AC4TO      | W8PAT      | W4PG       | KG4URP     |
| G6NHU      | W1HEO      | AE5LK      | ZL2AO      | WA7HR      | MM1PTT     |
| IK0XKP     | W1KKG      | AI2S       |            | WB9WHQ     | N0TR       |
| IZ8LMA     | W5HNC      | CT7ABD     | <b>118</b> | YO6HOY     | N7PIB      |
| JA0PZJ     | W6HB       | CU2CE      | 6K5AQY     |            | NA4MM      |
| JA1GLE     | WA5YOM     | DS3DNT     | AE1T       | <b>116</b> | NE1RD      |
| JA2HOL     | WA9DU      | DS5QLJ     | DJ9KM      | AA0FT      | NI4Y       |
| JH1RVQ     | XE2MX      | F5AQB      | IZ0RPS     | AB4BJ      | NW6V       |
| K2JGL      |            | IK8IPL     | IZ1JIZ     | EA5GXI     | OE5MPL     |
| K6LPO      | <b>121</b> | IT9JPS     | JA6CMQ     | EI4BZ      | W3HKK      |
| KD4EE      | AD5MD      | JA0JPD     | JM1CMA     | G8GHD      | W4BH       |
| KI0HA      | DD0VE      | JA1DCO     | K0PX       | IZ2CSX     | W4OV       |
| KM4CQG     | EA3NG      | JH5OTE     | K9KJS      | JT1CO      | W5WS       |
| KO8SCA     | HA2EQD     | JJ1XVA     | KA5JSM     | K2GLS      | W7FI       |
| LX2SM      | IK6BMU     | K9CHP      | KB3KJ      | K4LCP      | WS4H       |
| N6DVR      | JA1CPN     | KC9WPS     | KD3UY      | K8JRK      |            |
| N8AYY      | JA1EYN     | KD5R       | KD9BIE     | K8MN       | <b>114</b> |
| N9RE       | JA1WTO     | KJ6Y       | KG5VK      | K9GWH      | G3CWW      |
| NT9F       | JI5WDC     | LU3XX      | KX6C       | KB8ZUN     | HC1HC      |
| OH3TY      | K0YL       | N1TQP      | LZ1XZ      | KC1RET     | I0BJV      |
| ON6YH      | K1EDG      | N3DV       | N2ADE*     | KD5RBU     | IZ8EYN     |
| PY2ADR     | K1LTJ      | N3GS       | N3HYB      | N0UCR      | JA1CPU     |
| SP9IZV     | K3CWF      | N4PGL*     | N4ZY*      | N1GFV      | JA8EIA     |
| VE3VHH     | K3HPA      | N4UFP      | N8KUS      | N2ZL       | JE6PJP     |
| W2WGK      | KB3IFH     | N8IK       | VR2CC      | N4KEB      | JG4OOU     |
| W4UT       | KG5NP      | NR2D       | WA8RCK     | OE6CLD     | JL3RNZ     |
| WB8TGY     | KK4ODQ     | PP2FN      | WB5TOI     | RW6MBC     | K3PL       |
| YB9WZJ     | KU2A       | VE3QAA     | ZS2I       | SM1NJC     | KB1W       |
|            | N3ER       | VR2ZXP     |            | VK6OZ      | KD2NF      |
| <b>122</b> | N5ZY       | VU3RGB     | <b>117</b> | VR2IL      | KI8AE      |
| AA0BH      | N7TW       | W1RG       | AD7L       | VY2RU      | N1AH       |
| AA5B       | NA2R       | W5RYA      | CE3FZ      | W3IZ       | N3DD       |
| AB5YI      | NY4G       | W6GJB      | DL2VWR     | W3MRL      | NA1DX      |
| DB4RG      | OZ6EI      | WT5L       | F8EZE      | W7KCC      | NG8T       |
| F4GTB      | TA1L       | YB0AZ      | IS0BZR     | W7QC*      | NK5K       |
| G0HSA      | UA0FDX     | ZS6NK      | IZ7QFN     | WA4VJK     | W0QKL      |
| HC1HN      | W0DD       |            | JA6SQR     | WX3P       | W2ZK       |
| JA9ALR     | W2ARP      | <b>119</b> | JM3GXU     |            | WD0AJG     |
| JR1HYA     | W3/NH7C    | AA4FU      | JR1KBJ     | <b>115</b> | WN0L       |
| K0HQW      | W3JXP      | F5BAR      | K0FF       | AA9WO      | XE1EE      |
| K0MD       | W4CC       | HL2MHU     | K4AEH      | AI5EG      | YB2BNN     |
| K4VAC      | W4KCM      | JA6JYM     | K9LCR      | E74A       | ZS4JAN     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>113</b> | KK7BR      | G4VWI      | PV8DX      | WC4B       | EW4DX      |
| AC9GK      | KS0JD      | HG6IA      | SP7ASZ     | WF7T       | F6FHZ      |
| AK0A       | KY6AA      | IZ1EPM     | T88UW      |            | G0OJG      |
| EA5DPL     | N1GNB      | JF3KOA     | TA1UT      | <b>107</b> | G0RPM      |
| F5EOT      | N8AID      | JH1FRW     | W3ATV      | AB7RW      | G3LPS      |
| F8GB       | NK7Z       | JR2PAU     | W3GP       | BG8PA      | HI7SB      |
| G0UJ       | NQ4A       | JR4DHK     | W4JDS      | DJ5FZ      | JA3AOP     |
| G4NAQ      | S51DV      | K3MSB      | W5SG       | DK2GP      | JA5IBP     |
| G4YCS      | W1FC       | K4KAL      | W7CB       | E73D       | JF7NNI     |
| HB9GZE     | W1HQ       | K4RP       | W8MSP*     | EA2BFM     | JG1XBM     |
| IU8GNY     | W3WN       | K5GZR      | W8PE       | EI5GSB     | JJ1IRS     |
| JA2CPD     | W4AFB      | K6DJ       | WT9U       | G4NBS      | JO4JDU     |
| JA4CSJ     | W4LLP      | K6SLO      | WW5RC      | IC8XIL     | K5TU       |
| JH1GNU     | WD8LTM     | K9TVG      |            | JE1CTA     | K6VWE      |
| K1JKR      | WJ1B       | KC3AK      | <b>108</b> | K1FUG      | KA9TOX     |
| K2KNB      | WN1M       | KV3W       | 7M4CLF     | K2FJ       | KI4NSP     |
| K4JDJ      | ZL3PAH     | N4NYY      | AC8MR      | K2ZD       | KM8V       |
| K4JLD      |            | NG0G       | DB9CR      | K3GO       | KR4U       |
| K4TR       | <b>111</b> | TF8GX      | DL1TPY     | K4LQ       | KT5V       |
| KB2TGU     | EI9CN      | W1ZZ       | DL2AMD     | K6DLB      | M0PCB      |
| KC0V       | F8DZY      | W5JE       | DL2NAI     | KA4LBD     | N4DJT      |
| KG2U       | G4ZWY      | W6TCP      | DM5TI      | KB0EL      | N6UOZ      |
| KG4OJT     | IZ0CKJ     | W7YED      | DU1IVT     | KC2THY     | N7MW       |
| LU3JVO     | JA4DLF     | W8TE       | E70X       | KF2G       | NG4C       |
| NA9L       | JA5EEU     | YB1SKR     | EA5XV      | KJ4FZ      | NI7F       |
| NS4X       | JE1TNL     | YO5QAW     | G5CL       | KS8W       | NS7K       |
| S52R       | JH3LCU     | ZS5LEE     | G6MXL      | LU5OM      | PT2DF      |
| SV2DSJ     | K2KYH      |            | IK1RKN     | N0MHL      | PY2OC      |
| VA3AYA     | K8ZEE      | <b>109</b> | JA2DCN     | N7TP       | UA0ABB     |
| VK7ZE      | K9JIG      | AA4RX      | JE2DOD     | N9AZZ      | VE3BHZ     |
| W3JM       | KM5VI      | AC8TO      | JH1OVY     | NC6RJ      | VE3XK      |
| W6BBS      | KM8AM      | AF3K       | K3DQB      | NI8Z       | VU2MB      |
| W7CD       | N0ATQ      | DL9QJ      | K3XO       | PP5VA      | W0BM       |
|            | N1BZ       | F8DHE      | K4GHS      | RM6LW      | W0LGQ      |
| <b>112</b> | NT5O       | G0MMI      | K8LBT      | SV3EXP     | W0TLX      |
| 3C3CA      | PT7CB      | JA5GOJ     | KC8YG      | TA1CQ      | W1USN      |
| 7Z1CQ      | TA2RC      | JH4GNE     | KE3ZT      | UX5XK      | W4/KL7GLL  |
| DS3EXT     | W2FDM      | J11ZS      | KI4SFT     | V31MD      | W7GB       |
| G0DTX      | W5GCX      | K0FD       | KN4WOJ     | W5HY       | WA3IIA     |
| G3YFE      | W7WT       | K2OO       | KO4XI      | W8JA       | WA8Y       |
| GM0SCA     | W8LR       | K6JAD      | KW1X       | WB2MKX     | WS7I       |
| IK4EWN     | WB2UFF     | K9JE*      | LU2AH      | WM4W       |            |
| IS0BQE     | WB8PKK     | KB7DT      | N2IFA      | WU1U       | <b>105</b> |
| JA4RED     | WU4B       | M0AQM      | N3YZ       | ZP6CW      | AA2F       |
| JF2OHQ     |            | M0MCV      | N5FPW      |            | AI1W       |
| JF3AHI     | <b>110</b> | N4LS       | N5TW       | <b>106</b> | AJ6V       |
| JH0LME     | AC0B       | N6RVI      | NZ6N       | AB1NS      | AP2IA      |
| K0XM       | AF8C       | NN8L       | TF3MH      | AB6WQ      | DL2DCX     |
| K4HEB      | AG5Z       | NW6R       | VE7VV      | AC5AA      | DL9GTK     |
| K4ZMV      | CT7ANG     | NX1P       | W4DVG      | AC7DX      | E29TGW     |
| K7RAN      | DK4MX      | NZ3M       | W6CN       | AC8IL      | F5VIF      |
| K9KDS      | EA1BLA     | NZ7Q       | WB1S       | DS2GOO     | G3LOJ      |
| KH6P       | EI9HX      | PF7M       | WB5ZAM     | EA3AGY     | HL4GHT     |

|            |            |            |            |            |        |
|------------|------------|------------|------------|------------|--------|
| JA1JYS     | JA1CC      | K5DXR      | W7HJ       | LA3ANA     | DK7GH  |
| JA1SZN     | JA1DHY     | K6XJ       | W7IMU      | M0PTZ      | DL3ANK |
| JE6UWU     | JA1RBY     | K9WMS      | W9GWP      | M5LRO      | DL5JH  |
| JH1IYY     | J14HKA     | KA7CVJ     | W9LU       | N3CAL      | DS4GQR |
| J11DMH     | JQ2MPJ     | KL7NW      | WB4PWZ     | N4PF       | EA5PS  |
| JJ2BLV     | K1TWF      | KQ6K       | WB7QBS     | N9MR       | EI2FG  |
| JK1AKA     | K2CQW      | M0UPL      | WB8LEM     | NC8I       | EI4DQ  |
| K0MB       | K4WW       | NB3R       | WD6T       | NJ2X       | EI4GJB |
| K1EO       | K5JUC      | NI5G       | WD9IOK     | NZ1I       | EW4A   |
| K1ETA      | K7UW       | RX3BP      | WF4W       | OZ5JQ      | F5JWH  |
| K2GW       | K8CJY      | VE7XT      | WL7OU      | PA3AIN     | G0GFC  |
| K5NV       | K8WVA      | W4CU       | WN9A       | R2ARR      | G8GFF  |
| K5WE       | KE4YOG     | W5IP       | XE1SAX     | RZ6MJ      | G8GNI  |
| K6GCN      | KJ2AM      | W7JET      | YB0EIN     | SM0BSO     | GW0KRL |
| K6ME       | N1FOJ      | W8EH       | YB9AY      | SV2BXA     | IK7NXU |
| K7CMZ      | N2TC       | WA6URY     | YO6BHN     | SV4FFL     | IZ4IRO |
| K7CTV      | N3PW       | WA8KNE     | ZS2ACP     | TF1A       | JA1IHD |
| K8FB       | N4LSJ      | YB1ALL     |            | TG9AKH     | JA2KGQ |
| K9DUR      | N4PAJ      | ZL1IM      | <b>101</b> | UA4PK      | JE7KCI |
| KK4MA      | N4ZR       |            | AA9D       | VA2GA      | JG3LDD |
| KR0P       | N8TEM      | <b>102</b> | AB4EJ      | VK4BUI     | JG5VFK |
| LA9JKA     | N8WXQ      | 4X1VF      | C31MF      | VU2OT      | JR4VEV |
| LZ1JZ      | NA8W       | 5W1SA      | DD9WG      | W0ZX       | K1HC   |
| N0SL       | OM6CI      | AC0XY      | DL3XAC     | W2GHD      | K1JX   |
| N1TQ       | OZ9U       | DB2WD      | EA4UV      | W2PD       | K1PTF  |
| N9APK      | PA0QRB     | EA6UE      | EA8TZ      | W3RMS      | K2UF   |
| N9IXD      | PY2YW      | HB9MZI     | F4FLF      | W3SW       | K2UT   |
| NC1M       | RV4LC      | IZ7QSS     | G3VDB      | W4PM       | K3NO   |
| NK7L       | VK3MB      | JH1IHG     | G4GEE      | W6OU       | K3RRR  |
| OH6IH      | W0VU       | JH1MYJ     | HB9PUE     | WB5KSD     | K4GM   |
| PV8RR      | W9GXR      | K1AJ       | IK2HLM     | WD4IXD     | K4QS   |
| VU2DED     | WB7QXU     | K1MDA      | JA1KZP     | WM5H       | K5LLA  |
| W1PY       | WX0B       | K2CJ       | JA2KPW     | WU6K       | K5MMH  |
| WD4OHD     | YB1BUL     | K2DH       | JA5ALE     | WX7B       | K5PSN  |
| WK3A       | YO6HSU     | K2DW       | JA5JUG     | YB8HZ      | K5VSD  |
| WZ9B       | ZS6HON     | K4HR       | JK3NSD     | YO2OXD     | K7VL   |
| YU1LD      |            | KB1AWM     | K1RE       |            | K9EA   |
| YV4EH      | <b>103</b> | N2CJN      | K3AXB      | <b>100</b> | KA2F   |
|            | AF8P       | N2FY       | K3LA       | 2E0XAR     | KA4H   |
| <b>104</b> | DS5JMG     | N4IR       | K5HX       | 9M8DEN     | KA9JAC |
| 7N4OBV     | EA2RY      | N5JED      | K5WRE      | A41ZZ      | KB6IGK |
| AA2WC      | EI9GLB     | N8KOJ      | K7BWC      | A71EM      | KC2NJ  |
| AA6XV      | FM4LV      | NA4D       | K7GA       | AA7UN      | KD0KZE |
| CT3DZ      | JF1KIG     | NN5O       | K8PGJ      | AB2NI      | KD1DT  |
| EA4EJP     | J11FXS     | R9GM       | K9GL       | AC0DH      | KE1IU  |
| EI3HA      | K0BRO      | S51MA      | K9MQ       | AC9DX      | KE7BMG |
| F6ARS      | K0OOK      | SM0XG      | KB5YN      | AD4J       | KE8NOA |
| FM5FJ      | K2RNY      | US8ZAL     | KC3OPI     | AE4VJ      | KF5MDZ |
| G0DRM      | K3PIN      | VK2GR      | KE9UA      | AK1P       | KF5TL  |
| GW0ANA     | K3TXW      | VK7AP      | KJ5RC      | AK4AO      | KF8PD  |
| HA5DI      | K4NI       | W1GF       | KK6VGE     | DB6VH      | KG4IYS |
| HB9BMY     | K4PWS      | W4GHW      | KU4A       | DC1TK      | KI0G   |
| JA0NZR     | K4SAW      | W5TMC      | LA2XNA     | DK1MCS     | KI3O   |



|        |        |
|--------|--------|
| KI4PG  | WA2VJL |
| KJ4SKO | WA3UTC |
| KJ8N   | WA3YZD |
| KK6MF  | WB0RXQ |
| KL7XO  | WB2ZEX |
| KR4Q   | WB4MM  |
| KV8P   | WB6RAB |
| KZ4EX  | WB6RJH |
| N0OK   | WD1M   |
| N0VTZ  | WD4GZW |
| N1KI   | WI0E   |
| N1UZ   | WM4D   |
| N2YU   | WM9Q   |
| N3NVA  | XE2AD  |
| N4GOA  | YB6LAY |
| N5CR   | YE1AR  |
| N5LJL  | ZS6CR  |
| N5LKE  |        |
| N7WFK  |        |
| N7WR   |        |
| N8HM   |        |
| N8URE  |        |
| N9MKC  |        |
| ND0B   |        |
| NE3K   |        |
| NM4SH  |        |
| NX6D   |        |
| OM2AGN |        |
| OR4K   |        |
| OV2B   |        |
| OZ9GA  |        |
| PV8AJ  |        |
| PY5VC  |        |
| R2AB   |        |
| UR8IDX |        |
| VA2EU  |        |
| VE1JF  |        |
| VE3KKB |        |
| VR2PX  |        |
| VU2OY  |        |
| W0PPA  |        |
| W0RMS  |        |
| W1HS   |        |
| W3BNN  |        |
| W4CG   |        |
| W4YR   |        |
| W5PD   |        |
| W5YKU  |        |
| W6KF   |        |
| W6OZI  |        |
| W9KM   |        |
| W9ZT   |        |
| WA2ALY |        |