

## 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 12 Mar 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   | <b>338</b><br>I4LCK<br>K9NU<br>PY4OY   | JH4UYB<br>K8SIX<br>N0XA<br>N5UR   | JA1HGY<br>JA2KVD<br>JR3IIR<br>K3UA   | EY8MM<br>IK8HJC<br>JG3QZN<br>K4MWB  |
| <b>347</b><br>K4CIA<br>K8MFO<br>N4WW<br>W1JR<br>W4DR                      | KF2O<br>N6AR   | SM3NRY<br>W1DIG<br>W7UT  | OE3GCU<br>OE6IMD<br>OK3GU<br>R7LV   | K6YRA<br>N4AH<br>PY2BW<br>PY2SP  | LA5IIA<br>LZ2DF<br>PY5HOT<br>SP3E   |
| <b>346</b><br>N1DG<br>SM3EVR<br>W9ZR                                      | <b>341</b><br>4X4DK<br>DJ6RX<br>DJ9KG<br>G3KMA<br>JH4IFF<br>N2TK<br>N4CC<br>NN4T | <b>337</b><br>AA6YQ<br>DL4MCF<br>G4BWP<br>JA3FYC<br>K1ST<br>W0BV<br>W2LO<br>W2YC<br>W3LPL<br>W9IXX | SP3EPK<br>SP8AJK<br>W0MHK<br>WD5COV<br>WK3N   | SM5CEU<br>SM6CVX<br>W9RPM<br>WB9Z  | UT5UGR<br>W4DKS<br>W5OZI<br>W8UVZ<br>WB6RSE   |
| <b>345</b><br>HA0DU<br>JA2VPO<br>OH1XX                                    | OH2BU<br>OZ3PZ<br>PA3FQA<br>SM3GSK<br>VE3EJ                                      | <b>336</b><br>JA1WPX<br>JA2JPA<br>K2FF<br>K4HGX<br>K5RK<br>N3XX<br>N5ZM<br>PE5T<br>VE3XN           | <b>334</b><br>AA1QD<br>DJ9ZB<br>EA4KD<br>EA6SX<br>F6EXV<br>G3XTT<br>JA0EOK<br>JA2FBY<br>JQ3DUE<br>K4XO<br>K4XP<br>N4XM<br>N8DJX<br>SM5AQD<br>SP2FAX<br>UA6A<br>W1YY<br>W4PK | <b>332</b><br>AA7A<br>DF3GY<br>DF4PL<br>EA5RM<br>F6DAY<br>GM3YTS<br>HA5WA<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>UT7QF<br>W5BPT<br>W5ZN | <b>330</b><br>AA1ON<br>DJ2YA<br>DL1AMQ<br>EI7BA<br>F6BKI<br>HB9AMO<br>I4MKN<br>IK4BHO<br>IK6DLK<br>JA1ADN<br>JA3EMU<br>K3WC<br>K4ZYU<br>KD5M<br>N4JF<br>N8JV<br>N9IW<br>NR1R<br>OK1MP*<br>RA3CQ<br>VE3FF<br>YO5BRZ<br>YU1FW |
| <b>344</b><br>K4PI<br>OZ1BTE<br>OZ1LO<br>PY2XB<br>SM0AJU<br>VE1YX<br>W3YX | <b>340</b><br>AA1V<br>EA8AK<br>JA4DND<br>K4UTE<br>N0AT<br>SP5CJQ                 | <b>335</b><br>AG9S<br>G0JHC<br>JA1BK<br>JA4LKB<br>JA5AQC<br>JA5AUC<br>JA5MHD                       | <b>333</b><br>DJ8NK<br>F6AOJ<br>G4OBK<br>I4AVG  | <b>331</b><br>DJ9HX  |   |
| <b>343</b><br>DF3CB<br>K3FN<br>K4MQG<br>N4MM<br>VA3DX<br>W3UR             | <b>339</b><br>CT1EEB<br>IK1GPG<br>JA1UQP<br>JA5EXW<br>N4CH<br>N8DX               |  |   |  |   |

**329**  
GM3POI  
IT9DAA  
IV3JVJ  
JA2JW  
JA7KY  
JE2URF  
JH1GZE  
K0EU  
K1HTV  
K4CN  
K9CT  
N5AW  
NI0G  
NO8D  
OZ1CTK  
R4GM  
SP6CIK  
SP7GAQ  
SP8NR  
W0DJC  
W5XX  
WA1JMP

**328**  
AA5AU  
DL7MAE  
IZ5EKV  
JA1SJV  
JA6BZI  
JI4POR  
K4QL  
PY5EG  
RU3FM  
SL0ZG  
W2IRT  
W4UM  
W5FKX

**327**  
AB4IQ  
CT1APE  
CT1IUA  
DK5WL  
DL2OE  
EA1YO  
EA5BM  
I4EWH  
JE2LUN  
JH1TWT  
JI2KXK  
JI8DGO  
KW9A

N6JV  
PY2YP  
RZ3AM  
SM2GCQ  
SM5CZQ  
SP6M  
SP9DWT  
SV1RK

**326**  
EA5BY  
JA7MSQ  
JA9APS  
JF1WPB  
K5EK  
K8PT  
LU2NI  
N7RT  
OZ1AXG  
SP5DIR  
W8DCH  
YO9HP

**325**  
EU7A  
HB9DHK  
I5NPH  
IZ0AEG  
JA2FJP  
JA5WIZ  
JE1SYN  
JF1PUW  
JF3KON  
JF7XKY  
JH8RZJ  
JS2LHI  
K0DEQ  
K9EU  
N3NT  
OE2LCM  
ON4IQ  
R5AJ  
SM4EMO  
SM6CCO  
SM6CMU  
SP1S  
SV8CS  
W1ECT  
W1RM  
W6RLL  
W9OP

**324**  
DK9KX  
DL5DSM  
G4CCZ  
I0WDX  
IK5PWQ  
JA2BDR  
JA2DPC  
JH0INP  
JR3GWZ  
JR3OEH  
K5KC  
N1NK  
N8BM  
NK1K  
OE8HIK  
R3OK  
VE2TZZ  
W3LL  
W9OL  
WB4TDH

**323**  
AD5A  
EA3GP  
JF1KKV  
JH2FXK  
JJ3PRT  
K9IR  
K9YY  
KF0QR  
N5TY  
N8RR  
NY0V  
OH2BLD  
SM4DHF  
UA3AB  
W3NO  
W7AO  
W8OI

**322**  
CT1BH  
EA2IA  
F5PAC  
G0DQS  
IK4GME  
IK8YTA  
JA4FKX  
JJ2LPV  
JR2LJO  
K2UO  
K7NN

KA9CFD  
KU0A  
N4DW  
N4NX  
ON4CD  
PA3EWP  
R7DX  
SM5KNV  
UA4CC  
VE1DX  
W5CIA  
W5TCX  
W18A

**321**  
AD1C  
G3TXF  
HB9BIN  
IK2YCW  
JA0GJJ  
JA1XEC  
JA3AZD  
JH1IFS  
JH3CUL  
JH3VNC  
JH4ADV  
K2VV  
K6FG  
KV7K  
LA7HJA  
N4PQX  
N5XZ  
OE6MDF  
OE8RT  
SM6DHU  
SV1FJA  
UT7UJ  
W4FC  
W8GC

**320**  
DF2RG  
DM5EE  
FK8CP  
I2EOW  
JA3PIS  
K1LD  
N4II  
SP7VC  
UY5ZZ  
VE3EXY  
W6XA  
YV1DIG

**319**  
AA4V  
DJ4AX  
DK1FW  
EA8AKN  
IK4DRR  
JI1DHY  
JR7VHZ  
K5MC  
K6AM  
N4DB  
ON4AOI  
UA3AP  
W3KX  
W5WT

**318**  
A45XR  
AA4HP  
AA8CH  
DL6KR  
G4PWA  
HB0CC  
JA2JNA  
JH4JNG  
K2TE  
K4IQJ  
K5BG  
K5DU  
KX4R  
LA2PA  
PY5EW  
R3VA  
RA7A  
RW3RN  
VE3LYC  
WP4U  
YO3APJ

**317**  
DK2NG  
HB9HFN  
JA2IVK  
JO7WXN  
K2RW  
K6YUI  
KE9L  
N2BJ  
N4QS  
OE1WEU  
SP1MGM  
UX1UA  
W6VX

WX4G  
**316**  
DL5WW  
GM0GAV  
IK2QPR  
JA8EAT  
K3WA  
K4EM  
K4HB  
K8YTO  
K9MM  
KG8P  
KQ8M  
N5DG  
RV3LO  
SP1JRF  
UA3DPM  
W1GL  
W7MO  
W9ILY  
WA2VYA  
YB5QZ  
YO7LCB

**315**  
9H1SP  
AB3CV  
AB6QM  
DJ5FI  
G3VKW  
HK3W  
JA1ANR  
JA8RJE  
JA9CWJ  
JR2BJE  
K1BD  
K8NVR  
N5OK  
NE1B  
OE3EVA  
ON4IZ  
PY2NQ  
SM3VAC

**314**  
CT1DKS  
CT4NH  
DL6CNG  
EA6VQ  
G3NDC  
HA1RB  
IZ8FFA

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JA2AH      | SV1CNS     | W2JU       | K0KVR      | IK2RPE     | EA1AF      |
| JA2ZL      | W7CT       |            | K5WAF      | IK4ADE     | EI2GLB     |
| JR4OZR     | W8HW       | <b>308</b> | K5XI       | JG3LGD     | IZ5RVG     |
| JR9LKE     | W9RN       | DL2CHN     | N4TL       | K7WP       | JA1SVP     |
| K2LS       | WB8BPU     | IU7QBB     | OE5RLM     | K7ZA       | JA9AA      |
| K5AQ       |            | IZ2AMW     | R9FM       | K9MK       | JK1EXO     |
| KB0EO      | <b>311</b> | JA1IZZ     | W5ADD      | K9US       | K3XA       |
| KC9ARR     | F3SG       | JA7IC      |            | KB1JZU     | K8GG       |
| LA7AFA     | I3BUI      | JA9TWN     | <b>305</b> | RL3FA      | K8TL       |
| MD0CCE     | IK0PEA     | JG4AKL     | DJ4XA      | RW4NN      | K8VJV      |
| OE1AZS     | JA2XYO     | JH1SJJ     | JA1VSL     | SM6CUK     | MM0EAX     |
| OE1ZL      | JA4MRL     | JL1RUC     | JA7BWT     | SP3IBS     | PA3CSR     |
| SM4DDE     | JA5XAE     | K0GY       | JA9GPG     | SP7HOV     | UR5EDX     |
| SV1DPI     | JR6FC      | K2UU       | JH7RXU     | SP7ITB     | W3OA       |
| SV1JG      | KM4H       | K8OM       | JR2UBS     | W1SKU      | W6TC       |
| UA6MF      | OZ4O       | KN5O       | K0JUH      | WT8C       | W9AJ       |
| UT9FJ      | PY2XU      | KS1J       | KD3CQ      |            |            |
| UX0FF      | SV2DGH     | LA7JO      | KG4W       | <b>302</b> | <b>299</b> |
| YU3AA      | UR0MC      | OE3SGU     | N9AU*      | DJ5JH      | AC0A       |
|            | WB9CIF     | R7NW       | NQ1K       | EA1N       | CT1FMX     |
| <b>313</b> | WD0DAN     | VA5DX      | PA5TT      | F5CQ       | DM2DXA     |
| 5B4MF      |            | W2QO       | RA9CMO     | HB9DDO     | EW2A       |
| AA5AT      | <b>310</b> | W6ENZ      | SM3NXS     | HL2IFR     | G3SVD      |
| AB9V       | JA0CRI     | W9MU       | UT2UB      | I1EIS      | HB9RG      |
| AC4G       | JF2UPM     | WA8WV      | W1YM       | IW1ARB     | IK5RUN     |
| CT1GFK     | JF8QNF     | YS1RR      | W5XC       | JA2VQF     | IZ4MJP     |
| EA7TV      | K4SO       |            | YB1UUN     | KI0KB      | JE1DXC     |
| JA1GRM     | K6RO       | <b>307</b> |            | R5DT       | JK1GOK     |
| JA5IU      | K8FL       | A65BR      | <b>304</b> | SP2BMX     | K6SIK      |
| JA6VQA     | LA9AJA     | DK2JX      | DJ9ON      | W0VX       | LA3WAA     |
| JA7JWF     | NS6C       | F2JD       | DK5AD      | W4QN       | N9FN       |
| JH1NYM     | RA0FF      | G0BLB      | HB9CEX     | WD4LBR     | UA9FAR     |
| JR1BLX     | RL9F       | HB9SLO     | JA2NDQ     |            | UN6T       |
| JS3CTQ     | SP6HEQ     | I5HOR      | JE2LPC     | <b>301</b> | VE3BW      |
| K6KLY      | W0YG       | JA2XW      | K8AC       | AE5E       |            |
| LB8DC      | W4BP       | JA3GN      | K8GI       | F4BKV      | <b>298</b> |
| N8KOL      | WB0TEV     | JA6WJL     | KC7V       | HK4SAN     | 5B4AHJ     |
| NN4R       | WD9DZV     | JJ3HGJ     | N7US       | IZ1LBG     | DL7BA      |
| SP3CGK     | ZS1LS      | JN3SAC     | N8TR       | JA0DIN     | G5LP       |
| WA7NB      |            | K2SHZ      | N9RS       | JA1IOA     | HB9BOI     |
| ZS6EZ      | <b>309</b> | K3RA       | UY5AA      | JA1LSP     | HP2AT      |
|            | AA5AM      | K9RX       | W5AJ       | JA2WYN     | JA1WSK     |
| <b>312</b> | JA1EOD     | NI6T       | W7DO       | JE1LFX     | JA4ITW     |
| JA1SYY     | K0KX       | SP9JZU     | WE9R       | K4SE       | JA5BEN     |
| JA1XCZ     | K1AR       | W7OM       | ZL3JT      | PY7DJ      | JG8FWH     |
| JA7QVI     | K8QM       | WA5VGI     |            | RN3QN      | JL2JVX     |
| JH1AGU     | K9ZO       |            | <b>303</b> | SV2AEL     | JR7WFC     |
| JH1QAX     | NN4SS      | <b>306</b> | E72U       | US5WE      | K2PK       |
| JR1BAS     | NU8Z       | DL1KUR     | EA3GHZ     | WB5JID     | K8EUR      |
| K1HT       | R9TO       | DL5EBE     | G3LZQ      |            | ND0N       |
| N1IBM      | RX3AGD     | G0OIL      | HB9TKS     | <b>300</b> | PY2VA      |
| N5ORT      | SM2OAN     | HB9DDZ     | HL3IUA     | 9K2OD      | ZL1BYZ     |
| RU3QR      | UA4LY      | IK4PLW     | HL4CJG     | DL1TRK     |            |

|  |   |   |   |  |   |
|--|---|---|---|--|---|
| <b>297</b><br>DL4CF<br>E73Y<br>HB9CQK<br>JA3RQ<br>JE7JDL<br>JE8CLT<br>K4MS<br>K6ND<br>K8WK<br>K9SM<br>KG7H<br>KT1J<br>W6YI   | <b>294</b><br>AI9L<br>EA6NB<br>HA9PP<br>JA5SUD<br>JE1GWO<br>JJ1DWT<br>JR1DUP<br>K7ZV<br>KZ4V<br>N0KV<br>OE5BWN<br>RU6L<br>SV3DCX<br>W3JX                            | <b>291</b><br>G0EHO<br>IK0HFO<br>IT9CVO<br>JA3ENN<br>JH1BAM<br>K0BBC<br>K3PA<br>KP2A<br>LA5HE<br>N2TN<br>N7IR<br>N7RO<br>VE3CFK<br>W7BEM<br>W9FR<br>ZL4TT<br>ZS2DL  | JA9IFF<br>JG1WSC<br>JH4GJR<br>K3FRK<br>K4XD<br>KK0M<br>N2NL<br>R0FA<br>RA1QD<br>VE3EK<br>W9YSX  | IK0AGU<br>IK0XBX<br>IZ8XQC<br>JA1FQI<br>JA2FGL<br>JF2WGN<br>K0TPP<br>K1GG<br>K1LPS<br>K1RO<br>K5PS<br>K5RT<br>LU8EKC<br>N8SNM<br>VE1JBC<br>W3GQ<br>W6PJ<br>W8AXI         | W5ODD<br>W8BBQ  |
| <b>296</b><br>AA8OY<br>CT1DOF<br>EV1R<br>GM0AXY<br>JA7LGE<br>K6FW<br>K8VC<br>KB8VAO<br>LA8PT<br>N0RB<br>RA3QK<br>SM6BZV<br>SV9COL<br>UA6YW<br>W3RJW<br>W9JA<br>WA3AFS<br>YO2RR | <b>293</b><br>AA4R<br>CU2AP<br>DL1HRN<br>DL1SMA<br>EA3WD<br>IV3YYK<br>JA2CXF<br>JG0CQK<br>JM1FHL<br>K4JAF<br>N2LM<br>N4RWG<br>PY2IQ<br>S55DX<br>WA4FFW              | <b>290</b><br>AA4A<br>CT1FCX<br>EC3A<br>I4KDJ<br>JA1KQX<br>JA1QXC<br>JE2DZC<br>JE2EHP<br>JK1TCV<br>LA2QM<br>LA5LJA<br>LU3CQ<br>PP1CZ<br>SK3PY<br>SV3AQR<br>UN7TW<br>VU2NKS<br>W1EQ<br>W2LK<br>W5VY<br>WA9PIE<br>WB9EEE<br>XE2CQ | <b>288</b><br>4Z4DX<br>IZ0RVI<br>KD0Q<br>N6UK<br>NA5C<br>ON6AA<br>PY2KP<br>S57AT<br>UA3AGW<br>W1YIF<br>W2LE<br>W2NO<br>ZS2EZ  | <b>285</b><br>4X6ZK<br>CU2DX<br>DL2SWN<br>DS1JFY<br>EA3GHQ<br>HL2WA<br>IZ8DFO<br>JA2VMU<br>JA9FPI<br>K1DG<br>K6GXO<br>K6PJ<br>LA3MHA<br>LA8HGA<br>N8LJ<br>OE1WHC<br>WK7E | <b>283</b><br>DF2GH<br>JA1RTX<br>JE3ENP<br>JG3FEA<br>JL1XMN<br>K3WW<br>K9NW<br>KJ6P<br>OE8SPW<br>W1LW<br>W6BJH  |
| <b>295</b><br>AD6W<br>DL1DUO<br>IW0SAF<br>JA1BPA<br>JA1JAT<br>JN1RQV<br>K5VIP<br>K5ZK<br>RM0F<br>SM5FUG<br>SP8HKT<br>SV1GYG<br>VU2PTT<br>W2GG<br>W5LT<br>W6XK                  | <b>292</b><br>DL5CW<br>EA5AT<br>G4GIR<br>G8DX<br>HB9BAT<br>IZ3ETU<br>IZ8VYU<br>K5DHY<br>K7ZD<br>LU4FPZ<br>N7TY<br>N8II<br>R6AF<br>SP5IWA<br>W4VIC<br>W6SR<br>YO2CMI | <b>289</b><br>AJ6T<br>AJ9C<br>DL9TJ<br>EA6ET<br>IW0HQE<br>JA3EOP<br>JA8EJO<br>JA9FAI  | <b>287</b><br>9M6YBG<br>AA8LL<br>IV3GOW<br>IW1QN<br>IZ8FWN<br>JA1XPQ<br>JA2ATE<br>JE2OVG<br>K0AZ<br>K3UL<br>KD0PO<br>R9SA<br>SM5ARL<br>UN7JX<br>W1VT<br>W4YCH<br>W8AV<br>WA6F | <b>284</b><br>DL6JZ<br>EI9FBB<br>GM3YOR<br>IK8VRH<br>JA0DET<br>JG3SKK<br>JH3SIF<br>JN1BMX<br>N4LR<br>OE2GEN<br>SM0CCM<br>SM6CTQ<br>W2AY<br>W4FQT                         | <b>282</b><br>K1DT<br>K1USA<br>K5UO<br>LZ2JE<br>PC3T<br>RD3AW<br>SM4CTI<br>UA0BA<br>W4OX<br>W7AL  |
|  |   |   |   |  | <b>281</b><br>AD5Q<br>BA4RF<br>EA5OX<br>F3AT<br>HB9RYZ<br>I1FQH<br>IZ8FDH<br>JA2IYJ<br>K0GD<br>N2WB<br>N5GH<br>OZ1IKY<br>W0LS<br>W7ZJ<br>W8KEN<br>W8TN<br>XE1KK |
|  |   |   | <b>286</b><br>AA8R<br>AB5A<br>CT3HF<br>DL2VPO<br>HL3GOB   |  | <b>280</b><br>GM3PPE<br>HA5VZ<br>IZ3ENH<br>JA6TMU<br>JA9NLE   |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JF1NZW     | W8RLS      | N4IG       | <b>270</b> | W9HBH      | F6DBX      |
| JH1BNC     | W9MJ       | NA5DX      | 7K1PTT     | WA0MHJ     | HB9DHG     |
| JH1HHC     | WT4Q       | NK0S       | BA4MY      | WA1YTW     | IZ0NRG     |
| JH4ALY     |            | OH1JP      | CT1EAV     |            | JA1IAZ     |
| JR6LLN     | <b>276</b> | OZ1ACB     | CT3MD      | <b>267</b> | JA7HRM     |
| JR7FRW     | AA6AA      | RW7M       | DK8MCT     | AA4FL      | JA8ZO      |
| K4WNW      | DK3WW      | UR5WA      | EA1KY      | HB9IQB     | JR4LNG     |
| PY2DS      | HB9LCW     | W1OPD      | EI6FR      | JA2QXP     | K1CA       |
| SM5CZK     | IZ5BAM     | W4HG       | F9XL       | JA7BEW     | N1GC       |
| UT7UV      | JA2XCR     | W8QZA/QRP  | JA8DNV     | JA8UIV     | PA7TWO     |
| VK3HJ      | JA7FWR     |            | K0BJ       | JJ3CJP     | SV1CQN     |
| W8LGJ      | JA7LMZ     | <b>272</b> | K7UA       | JJ1TKN     | VE6AX      |
| WN6W       | LA9VFA     | AF9H       | K9JF       | K6BV       | W5PF       |
| ZS4TX      | N5MOA      | F5PBM      | N4JQQ      | KI5BLU     |            |
|            | ON4CAS     | HK1MW      | N4QQ       | R8TX       | <b>263</b> |
| <b>279</b> | RX4HZ      | I5OYY      | PU2POP     | SM5BMB     | DK4TP      |
| JA0PE      | SM5CLE     | IK5PWN     | VE6LB      | WB2BIN     | EA3CJ      |
| JE8TGI     | W1YRC      | JH0BQX     | W8HC       |            | EA4DL      |
| JF2XGF     | W1ZT       | JH7BKN     | WL7E       | <b>266</b> | HA7UW      |
| JO4CFV     | W2OIB      | K1UU       |            | EI8IU      | IZ4DPV     |
| KF2DT      | W5GO       | K7EG       | <b>269</b> | IV3VBM     | JA6GPR     |
| KQ4AV      |            | K8BL       | HL4GAV     | JA3BXF     | JA7XBG     |
| OH1ZK      | <b>275</b> | KA1ERL     | IK7FPV     | K2KA       | JR8AMF     |
| UN7LZ      | JA2JRG     | KI4GE      | IK8EPC     | K4RG       | K1KO       |
| VE3DZ      | JA3XNH     | N2DPF      | JA1OVF     | K5VWW      | K8FH       |
| W4UCK      | JG1OGM     | N9RD       | JA1VLK     | K8AJS      | KN6KI      |
|            | N2JJ       | ND4X       | JP1NWZ     | K8ROX      | N1RR       |
| <b>278</b> | N7KA       | OE5FIN     | K0KT       | N6PSE      | N7BT       |
| 9A4T       | N8PW       | PA0ZH      | K9MBQ      | PZ5RA      | NF1G       |
| E72A       | ON5UE      | SV1ACK     | N4UOZ      | RA4CA      | WA4LOX     |
| EA8RR      | PA7RA      | W2OO       | NW7E       | SV1HEP     | ZS6NJ      |
| EI9JF      |            | W3AP       | OH4UI      | W0FLS      |            |
| F2NH       | <b>274</b> | WA1S       | OM4EX      | W8MET      | <b>262</b> |
| JA8LRG     | EW1KP      | ZS1A       | PE1L       | WB2GAI     | CT1BWU     |
| K2UR       | IW0HOU     |            | SM5FWW     | WB3LHD     | CU3EJ      |
| SM0NJO     | JE6TSP     | <b>271</b> | W3ACO      |            | I5REA      |
| SM4AZQ     | JH1IAQ     | 4X1RU      | W4MAY      | <b>265</b> | JA8BAR     |
| VE3CRG     | K3PT       | IK2DZN     | YB1AR      | 4F2KWT     | K8AV       |
| W8MHW      | K6UM       | IZ8EJB     |            | G3WPH      | LA9FFA     |
| WF2S       | KA8SYV     | JH1OCC     | <b>268</b> | JA4FM      | N3RC       |
| WO7R       | KA8ZPE     | JM1HJG     | 7M4AOE     | K2CBI      | N6RV       |
|            | KS3F       | K3PU       | CT1FPQ     | N3VA       | N8OC       |
| <b>277</b> | N4HB       | KB1EFS     | HB9BUN     | N5KM       | NK4L       |
| EU1KY      | RA5BM      | LB2TB      | JA1NWD     | N9JV       | W0GG       |
| F5UJK      | SV9AHZ     | N6TA       | JH4HMG     | NU1B       | W5ZG       |
| JA8EOT     | UA3ECJ     | NN4X       | K6IPM      | NV9L       | W6NWS      |
| JH3KAI     |            | OZ4VW      | KD4W       | W6RS       | W7LGG      |
| K2AJY      | <b>273</b> | UA3TT      | LA0FA      | WA0RVK     | W7QDM      |
| K8UT       | AB4SF      | W1MK       | N2AJ       | XE1MEX     | W9PZT      |
| N5LZ       | DH2PC      | W7MEM      | N5JB       |            | WA3GFM     |
| UW2ZM      | JA2TBS     | WA3C       | SM5ENX     | <b>264</b> | WB8ART     |
| W1KSZ      | JA6BEE     |            | SM6BGG     | 4Z1UF      | YB2DX      |
| W3BW       | JH3GCN     |            | W2FV       | EA1KP      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>261</b> | DK7YY      | W1KDA      | <b>252</b> | <b>249</b> | K9YC       |
| DK3PZ      | EA3EQT     | W8JRK      | DL7UPN     | EA1RT      | KB6CIO     |
| G3UAS      | HL3AMO     | WB7B       | F1ICS      | HL2CFY     | LA9GX      |
| IZ8IEV     | IK4AUY     |            | G3KWK      | IZ8GGF     | N3KN       |
| JA3FHL     | JA9AGN     | <b>255</b> | G3NKC      | JA1EMQ     | NE8P       |
| JA4VLK     | JR1WCT     | AI6Z       | JA1BNW     | JA8FFM     | PY5IP      |
| K2FW       | K0TT       | EA5RD      | JE1HRC     | JH8GEU     | W1KMA      |
| K7LJ       | KH2L       | F6ECI      | JF3PNQ     | K9NR       | W3ICM      |
| LA5SJA     | N1EN       | HC1BI      | JH1ACA     | KM6HB      | W5ZO       |
| NX0I       | SA0AQT     | HL3DE      | JH4CBM     | OZ5NJ      | W8OP       |
| OM8FR      | US0YA      | IV3TMM     | JK1UNZ     | SM4OLL     |            |
| SM7CQY     | W1SSN      | JA1VRU     | JL1BYZ     | UN3GX      | <b>245</b> |
| SM7IUN     | W9EWZ      | JK1OPL     | W2ZI       | VE3YV      | AF5CC      |
| ZS6WB      | ZL2IFB     | K7XB       | W7CA       | VU2CPL     | AJ8MH      |
|            |            | KR4F       | WV6E       | W0RX       | G3KMQ      |
| <b>260</b> | <b>257</b> | N1RK       |            | W8IQ       | HA5PT      |
| AA9A       | AF4HX      | NA5Q       | <b>251</b> | W9RC       | JA3QOS     |
| EA8MT      | DJ0UT      | VR2XMT     | 9A4W       | XE2D       | KF7PG      |
| EA9IE      | DS5ACV     | W5JAY      | DL2RTL     |            | N0AH       |
| EC1AIJ     | EA1JO      | WS9V       | JA1DDZ     | <b>248</b> | N2NW       |
| FG5FR      | EA7SG      |            | JA1SKE     | AK5X       | NZ3O       |
| JA1KPH     | EB3CW      | <b>254</b> | JA5BGA     | G3VPW      | S55ZZ      |
| JA2FBC     | IK2PZC     | BA7IO      | JR3UIC     | HB9DOT     | YB0NFL     |
| JA3WLN     | K1SM       | CT1BWW     | K4VIG      | HL2KV      |            |
| JH3FUK     | K4KAY      | IZ5YHD     | K8CW       | JE2VLG     | <b>244</b> |
| K1ESE      | K6EME      | JA3VPA     | KG9Z       | JJ1SKG     | IK8UHA     |
| K8YSE      | N1API      | JF2WXS     | KJ7TEA     | N4XP       | JA1CZI     |
| K9FN       | N6HC       | JH1VUO     | N4SC       | OZ1LCG     | Ji6IHG     |
| LY1G       | PY2MC      | K3SEW      | N5UL       | W2TB       | JJ1BMB     |
| N6MZ       | RU1AB      | KI1U       | W2JLK      | W6RW       | K0KG       |
| NT5V       | SV1VS      | LA5YJ      | W3ABT      | W8IW       | K1EFI      |
| SK7AX      | W0JM       | UA3O       | W4SK       |            | K1KA       |
| SP6JIU     | W5DM       | W3FI       | W5GAI      | <b>247</b> | K1YR       |
| SV1FJP     | W8MJ       | W7YAQ      | W6DE       | CT1FUH     | KF7F       |
| TG9NX      | WQ6Q       | WV4TN      |            | HI8R       | KK1W       |
| W2XI       |            |            | <b>250</b> | K1PL       | N0RN       |
| W6TMD      | <b>256</b> | <b>253</b> | 6K5YIA     | K3VAT      | N6KZ       |
| WA5LFD     | BH4QYX     | JA6IVR     | F6HLC      | KH6M       | N6PM       |
| WV8DX      | EC1A       | JA8XQI     | HA7TM      | KM1D       | OE3HWC     |
|            | FG8OJ      | JH3FHQ     | IK0UTM     | N4QWZ      | SP6A       |
| <b>259</b> | IK4HPU     | K0DD       | JA8CJY     | N7DED      | W0QQ       |
| DJ8NT      | JA0KJE     | K1FEV      | JL1MWI     | W2/CT1GIF  | W4REX      |
| EW1BA      | JF2VAX     | K6MKF      | JR0EQQ     | W7IB       | W5PJR      |
| JA8BNP     | JH1RGG     | K8DV       | K9ZM       | W9JJB      | WA2USA     |
| JE2RDO     | JM1GHT     | KE1F       | KQ3F       | WS5W       | WA3F       |
| K2UFM      | JM2RUV     | N5BO       | PA0JSE     |            |            |
| LA6UL      | K4JJW      | N7XR       | PY2FN      | <b>246</b> | <b>243</b> |
| NI3P       | K6EID      | UA0FO      | UN3G       | AA7G       | CT3KN      |
| PY5CC      | K8RRT      | VE3YF      | W2GW       | FG4NO      | DS5TOS     |
| W7AH       | M0TTB      | WF4U       | W7HPW      | IV3KFB     | G4XRV      |
|            | N1SV       | YB0COU     | W7IU       | JE1VTZ     | JA1PBV     |
| <b>258</b> | N9ISN      |            |            | JK1WSH     | JA2EPW     |
| CU3EQ      | VK3NX      |            |            | K2SN       | JF1LMB     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JR5JAQ     | WB8CQV     | LB5WB      | W9FI       | K5FNQ      | NE6I       |
| K4ZO       | XE1RBV     | N4HID      |            | NY2NY      | W1WC       |
| K8ME       |            | SM0MPV     | <b>234</b> | RK4FD      |            |
| W1BR       | <b>239</b> | W6AER      | DF7EE      | RQ3A       | <b>228</b> |
| W4PNY      | AG1A       | W8UN       | DK2CC      | SV8DOU     | 7J1ADJ     |
|            | DJ9RR      | WA0ROI     | HB9BYQ     | W6CYX      | AA0MZ      |
| <b>242</b> | DL9FCY     | WB8B       | HS1NGR     | W9ZCL      | F1RAF      |
| JA4ZA      | I0JBL      | WB8ZRL     | IK0LNN     |            | F5LIW      |
| JH1ERJ     | IZ1JMN     | WC3W       | JH1APK     | <b>231</b> | GW4TSG     |
| JH1WJR     | IZ2FOS     | YO3JF      | JK1BSM     | AD5WB      | HB9DQV     |
| JH4ADK     | JA4HAW     |            | JR1VAY     | DK6OR      | JF1RYU     |
| JJ2WOC     | JA6CBG     | <b>236</b> | JR4LZX     | HL2ZN      | JF1WLK     |
| JK1VXE     | JA7KE      | HB9ZS      | K4MF       | IW7DVM     | JH2PWY     |
| JR1MLU     | JE2UFF     | JA1HOM     | KE5FXE     | JA1MZL     | JH3GFA     |
| JR7GBL     | JH1DGJ     | JA1JYE     | KE8UM      | JH0AWC     | K4JC       |
| K3NQ       | K2XF       | JA3KNN     | KX2A       | JJ1QUV     | K4KGG      |
| K4PB       | K8YYY      | JH1UBK     | ND4V       | K5IB       | K5FZ       |
| K7FEL      | N8SHZ      | JN1NOP     | NV4B       | KD6UO      | KB1DMX     |
| KJ7M       | NF4A       | K1ACL      | OH2IS      | LZ2XF      | KE4UW      |
| N2NS       | OE3KLU     | KM3J       | W3WST      | NA4EA      | NH6T/W4    |
| N6HY       | OH7TV      | N4GN       | WA4JQS     | SM7NDX     | RA3QUA     |
| SV1IW      | WA6JA      | N6IE       | WA5UA      | W2DXE      | VR2CH      |
| VK3BDX     | WB4KTF     | OE2BZL     | WX2U       | W4UDH      |            |
| W8GNM      |            | OZ7FOC     |            |            | <b>227</b> |
| WB8K       | <b>238</b> | PA0TCA     | <b>233</b> | <b>230</b> | DL2RUM     |
|            | G4FKA      | W0HBH      | AA9GR      | G3LUW      | HB9DVO     |
| <b>241</b> | HB9MFM     | W2YR       | AA9RR      | JA5NPV     | HL2EIZ     |
| AB5C       | JA0LXP     | W3FOX      | AJ4A       | JA6AVT     | I0MWI      |
| IS0AFM     | JE1PNX     | W4GIW      | DH0GSU     | J11VVB     | JA0DWW     |
| JF6XQJ     | JF0JYR     | W6DR       | EA4DEI     | K3EA       | JK1SQI     |
| JP1IOF     | K9GA       | W9OO       | EA5AR      | K9JU       | K1GE       |
| K7KB       | K9OR       | WA1PMA     | JH1SOD     | KB9DAK     | K5GH       |
| KV1E       | KA4RRU     | WY6N       | K8BN       | W2KA       | KF9UG      |
| N4OA       | M0CSD      | YB2TX      | K8EAB      | W8FIB      | N1NU       |
| W5DNT      | N4PJ       |            | N9BX       | W8WVM      | N6OJ       |
| W5QM       | N5ZC       | <b>235</b> | NE3F       | W9YE       | W5SL       |
|            | N9UA       | EA7QW      | SM0XBI     | WB2NPY     | WA9GON     |
| <b>240</b> | W4KA       | EU1U       | W2NRA      |            | YL2KF      |
| 7K1CPT     | WA4QMQ     | G8AJM      | W6YOO      | <b>229</b> |            |
| E21EIC     | WB0TVY     | JE1IBI     | WA8MCD     | AA3LX      | <b>226</b> |
| GU0SUP     | WV9L       | JH2VVH     | WB2KSK     | AE0P       | DM2RM      |
| HB9EFK     |            | K0EEO      | WD8PKF     | AH0U       | I0OSI      |
| JA1DM      | <b>237</b> | K0VSH      | WE4S       | DL8SDC     | JH1IED     |
| JA2FSM     | CT1BOY     | K4QE       | ZL4AS      | IK2GAJ     | K2BA       |
| JN1NBU     | G0VXE      | K5CWR      |            | JA2OLJ     | K2RU       |
| KF0LA      | HB9CXZ     | K8ZM       | <b>232</b> | K0HD       | K4YJ       |
| N0ABA      | HB9JOE     | N2FF       | AC9EM      | K3FM       | KK4OK      |
| S51NM      | IW3GJF     | N4IQ       | EW4C       | K4CMS      | N2KX       |
| SP5LKJ     | JF2OZH     | NA5Z       | G3XLF      | KD1F       | N5ET       |
| UX5UO      | JH1DGQ     | NW4M       | JH6DUL     | KI4DLS     | N6BM       |
| W0SZ       | JR0QFA     | TA1CM      | JR3VMJ     | KK9H       | N9AOL      |
| W8WEJ      | K1RV       | W3MR       | K1XV       | KS4S       | NG7M       |
| WA4CEM     | K2NV       | W7YW       | K4ST       | N4NW       | VE7TK      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| VK4CAG     | IK2RZP     | K4EU       | K0NV       | K2AZ       | <b>210</b> |
| W9DX       | IZ8MBW     | K4MIJ      | N6QI       | PY2RO      | AA4LR      |
| <b>225</b> | K2HAT      | K5MT       | OZ0J       | SP7ICE     | JR2PZX     |
| DK5RL      | K6IPV      | K6MM       | W0TM       | W0K CJ     | K5CD       |
| DS5DNO     | KI6CG      | K7AWB      | <b>216</b> | WB6BFG     | KD4SN      |
| EU1M       | KW4V       | KV4T       | CX2CC      | <b>213</b> | KD8RQE     |
| JA0EVI     | N2SQW      | KZ9DX      | DJ3XG      | 9A1AD      | KU8X       |
| JA4CZM     | N4ENE      | N9PGG      | G4VMX      | AG3V       | PY2WC      |
| JF1MTV     | NA2AA      | ON4ATW     | JA2VHO     | DK3UA      | S54A       |
| JH8NQV     | W5RF       | PA3BWD     | JH7WQX     | DS3HWS     | W5WP       |
| JL3OUW     | <b>222</b> | SM0DSF     | K7LV       | EA2AFV     | W6WF       |
| K0OK       | AK5Q       | UR4IOR     | KK4OW      | HB9HIT     | W7FP       |
| K1JIU      | DJ9SO      | W2PP       | KR4W       | IV3FFI     | W9IL       |
| K4JWA      | DL5XL      | XE2X       | KX4TT      | JA1FVS     | WW2DX      |
| K5YU       | E77S       | <b>219</b> | LB6KC      | JA3NHL     | YB0DJ      |
| MU0FAL     | IZ7AUH     | F5JSD      | NC4RB      | JH1OGT     | <b>209</b> |
| N0ODK      | JA9NFO     | HB9BNQ     | PS8ACL     | JR1EFG     | JH8UQJ     |
| N9SF       | JH0OXS     | HL5BMX     | W0SR       | K1NJ       | K0LB       |
| NJ7G       | JM1VRW     | IK5QPS     | W5THT      | K5ALQ      | K0VM       |
| SM3LGO     | K2AT       | JA1FJJ     | W5VQ       | KK2M       | KB4MRX     |
| W5GZ       | K6ZZ       | K2TER      | W9MO       | N6PEQ      | N9XX       |
| W5LO       | KB5UNX     | K5JZ       | WB3D       | N8GP       | PU1KGG     |
| W5TFW      | KS4YT      | KD2T       | WS1L       | NA2M       | SM5BNK     |
| W8CZN      | RA4P       | KG6I       | <b>215</b> | VK3FM      | W6DCK      |
| W8UV       | SV8CKM     | KI7AO      | 9H1EJ      | W1LE       | W8BLA      |
| W9KVR      | VE7BV      | KR6C       | AA7XT      | W3BJ       | W8HMK      |
| WE1P       | <b>221</b> | N1KC       | DS4GKF     | W5GA       | WB0ULX     |
| YO9FNP     | EA2AAZ     | N6DX       | EI2HY      | W7HR       | <b>208</b> |
| <b>224</b> | HB9HBZ     | NA9RB      | HB9IIO     | W8LMG      | JH0NOS     |
| JA8NFV     | IZ1JLG     | W6GRV      | I5XFD      | <b>212</b> | K0THN      |
| JO1LVZ     | JE2EBT     | WA3I       | IZ0BVU     | G4ZOY      | K4WES      |
| K1CBK      | JI1NJC     | WW8W       | JH5HDA     | JA1BWA     | K5RJ       |
| KZ5DX      | K4CGY      | <b>218</b> | JR0AMD     | JS6TWW     | KR2Q       |
| N3RW       | K5DV       | DL2NOM     | JT1BV      | KU4BP      | N4FN       |
| N7WO       | KU4XO      | DL4NBE     | K1TZQ      | SM5AOG     | NW6S       |
| RW4CY      | N4TOL      | DS4AOW     | KE6V       | VU2DCC     | NY1V       |
| SM7BHH     | N9JR       | I7PXV      | KF4NEF     | W5DAW      | W1FA       |
| SP6AXW     | RU0SN      | KE3D       | N8NN       | YL2TW      | W4WN       |
| V51B       | W0BM       | KV4AA      | RN9N       | <b>211</b> | W5FPT      |
| VE3SKX     | W4DEE      | N4JT       | W0FG       | AA8SW      | WA6G       |
| W7NN       | <b>220</b> | SM7WVZ     | W0TT       | JA3LDH     | ZS1J       |
| WB0O       | AA6RR      | TZ4AM      | W1JGS      | JE2KSM     | <b>207</b> |
| WN6K       | DL4DW      | VU2CDP     | W4IS       | JJ1KZZ     | 9K2BM      |
| <b>223</b> | DL4LAM     | WA2NPD     | W6SL       | K3WWT      | DG5LAC     |
| AB4UF      | EA5DFV     | WC4H       | ZL2AL      | KT2C       | I1YDT      |
| AC9O       | EI9FVB     | <b>217</b> | <b>214</b> | LU6ETB     | JG1JPE     |
| AF2C       | IK1IYU     | IK0CHU     | DJ3AS      | N1BY       | KE1VT      |
| EA5B       | JA1OVD     | JA2NNF     | F4GVO      | VR2XLN     | M0IKW      |
| EA7DUD     | K1DJ       | JA7ZP      | JN7DOS     | WY1G       | N9AKR      |
| I8MTQ      | K1NTR      | JG5RVQ     | K0QQ       |            | OE1JIS     |



|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| ON4ANN     | KM9E       | K0MFI      | RA3BL      | N3XM       | N4XYZ      |
| RD9M       | VU2IBI     | N2KI       | VK6OZ      | NN2D       | NC2Y       |
| TF3DC      | W4GP       | PY2GG      | W6SHY      | OH6NIO     | NW7US      |
| VK2CA      | W7IV       | RT5A       | WA2VQV     | SQ7FPH     | UR3EO      |
| VK5GR      | WB8BZK     | W1OP       | XE1FAS     | UR5FEO     | VA2IG      |
| W1MJB      | XE1L       | W6AEA      | YV5LI      | VE3YXO     | YB1TQL     |
| W4GE       | ZS2Y       |            |            | W3SB       |            |
| W9QO       |            | <b>200</b> | <b>197</b> | W6KK       | <b>191</b> |
| YB0MWM     | <b>203</b> | HB9AGO     | 4X4MF      |            | AA4NC      |
| <b>206</b> | DF3EC      | IZ5FSA     | BA4TB      | <b>194</b> | HA5CW      |
| 3A2MW      | F5NBX      | IZ8EKL     | EA1DLU     | A65BD      | JH1FNU     |
| CT1HHP     | IK2RGT     | JA0KJD     | IT9AAI     | EA5ZR      | K1RI       |
| HB9CRV     | IZ0BTV     | JA3EY      | IV3AVQ     | HB9VAB     | K8QKY      |
| IW9DNI     | JA7JPZ     | JA7MAD     | JA2MNB     | JA7DPC     | N4DWK      |
| IZ4DIW     | JH8NBJ     | JH1FVE     | K6TAR      | JA7JM      | N4HN       |
| JF1IRW     | JO3WHB     | K1ZJA      | K8SIA      | K1LT       | N7MQ       |
| K3SX       | K0CS       | K9SG       | N7WS       | KP3AH      | OZ7DN      |
| K8NK       | K4GO       | KC6JAM     | W4DAO      | KR8T       | VK2HV      |
| KK5OQ      | K4JKB      | KL7TC      | W4HZ       | NJ3K       | W8UQ       |
| KK9T       | K9OW       | N1IA       | WI7P       | SP6EIY     | WF1H       |
| KO6KD      | K9TF       | N4TD       | WQ5R       | VU2LBW     | WI8R       |
| KW4CQ      | KA1DJ      | N7ELL      | XE1H       | W4DC       |            |
| N6ZN       | KK8MM      | PY3VB      |            | W5UHQ      | <b>190</b> |
| N8BJQ      | KM7R       | VK6LC      | <b>196</b> | W7PAQ      | AA4U       |
| NA9Q       | N3PS       | ZS1DX      | AG5W       | WA1NXC     | AC4VM      |
| W7IUO      | N4TV       |            | CT3CD      | XE1R       | DJ9KV      |
| WA3WZR     | N6PAT      | <b>199</b> | DF2UA      |            | EC7B       |
| WB0N       | SM7GIB     | AA3TH      | G7SSE      | <b>193</b> | G3WW       |
|            | SV1FKZ     | AC0X       | HB9ESS     | 7L4VYK     | G4XEE      |
|            | W1DYJ      | AD4AA      | I7LGM      | AE4CW      | HL4CCM     |
|            | W3BNN      | JH0RVY     | I8YAV      | DH3KM      | JA2ITK     |
| <b>205</b> | WA3FRP     | JJ1WLL     | JA1XRA     | HI3T       | JH8KFE     |
| AC9S       |            | K4SX       | JA7FAS     | IZ5MOQ     | JJ2UDK     |
| CU3AN      | <b>202</b> | K4VNY      | KM4VI      | JA0AXV     | K2CYS      |
| DL6UNF     | BV1EK      | KC2SST     | N2GZ       | JA1QIW     | K7UT       |
| GM0VRP     | IK5BOH/2   | KI4WCQ     | N2ZA       | K3NF       | K8ZT/QRP   |
| IK0WRB     | IT9ODQ     | MU0GSY     | N3QE       | KB2FCV     | KD0AA      |
| JA4DHN     | K9WX       | N2RR       | NA9A       | KM1C       | N3AIU      |
| K4MV       | N8WD       | PB9FN      | RC2A       | KZ1W       | N6MXU      |
| K4YYL      | NU1O       | V51YJ      | SP3F       | NU4B       | NN5E       |
| K5VR       | W1AW       | W6JZ       | SP5MXZ     | SM5ELV     | SM0BYD     |
| KW1DX      | W3NS       | W9LN       | W6HYI      | W8NN       | W2OR       |
| N9KW       | W4RDX      | W9RXJ      | WA0WWW     | WB6CJT     | W9ROG      |
| OH3OJ      | W7TUS      |            | WB5NHL     |            | WA8LRW     |
| UN9L       | W7VY       | <b>198</b> |            | <b>192</b> | WB4GLI     |
| WA4MME     | WA9BZW     | DJ0MCH     | <b>195</b> | F6FYD      |            |
| WC2K       | WE2N       | DL8DWL     | CT1ELF     | G1VDP      | <b>189</b> |
| XE1J       |            | IV3BSF     | JA7QQQ     | HB9FBG     | I0LYO      |
|            |            | JM1ESG     | K4KEW      | IZ7GIT     | IV3KCB     |
| <b>204</b> | <b>201</b> | JR1IZM     | K7PT       | K6XN       | JA1SGU     |
| JH1OBS     | DL4FAP     | K0GW       | KE4S       | KE0A       | JG1SWM     |
| JJ6DGP     | GI4OWA     | KA1J       | KF9AF      | KJ4UZU     | K6UXO      |
| K1RH       | IZ0GYP     | ND3L       | LU4FW      | KJ4YLO     | KY5I       |
| KB5HC      | JA0CIU     |            |            |            |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| M0HIH      | VA7ZT      | W6SFK      | AE4M       | <b>175</b> | NX2X       |
| OH2LHE     | W0QC       | W7WZ       | EA8AXT     | AG5CN      | OV5O       |
| ON6KE      | W2WG       |            | G4DDL      | IU8IYE     | SM0EUI     |
| RM3DA      | W5SUM      | <b>181</b> | IW0BYL     | IW1PUR     | W8QXR      |
| RN3CT      | W6RKC      | IZ4AIB     | JA1ERB     | JA0LFV     | WA7BNG     |
| SM4BZH     | WV2I       | JK1DDG     | K1ZE       | JH6RTO     | WY7FD      |
| W4AEJ      |            | KY6R       | K3VAR      | K3HW       |            |
| W6DPD      | <b>184</b> | N1HO       | KU1T       | KD4POJ     | <b>172</b> |
|            | AD6ZJ      | N4MIK      | N6DHZ      | KF2OG      | EI1DG      |
| <b>188</b> | EA5RU      | N6VS       | OZ1HPS     | KF6HI      | JA1BON     |
| EA7AN      | HP2NG      | N8AYY      | W7HUY      | KL0S       | JE3PCP     |
| JA0GCI     | IK0HBN     | N8HRZ      | WB6AXD     | KN7D       | JK1JAS     |
| JH7NTW     | JA7FVA     | NN9X       | WC0W       | LZ2ZG      | K5TA       |
| JK1AJX     | K3JM       | NV4A       |            | N7NG       | LZ1XL      |
| JM1SZY     | N2MEE      | UA9AEU     | <b>177</b> | N7VPN      | N3AO       |
| JP1GUW     | NW7M       | W6TK       | 4X6UU      | NS3L       | N5PA       |
| K1JD       | SM2EJE     | W6UC       | IW8CGX     | UA1OM      | N7GCO      |
| K2DC       | UN7BY      |            | JE4RAL     | UA9AGX     | SP5ES      |
| PY2RN      | UT7KF      | <b>180</b> | JF1LZQ     | XE1YD      | W1ASB      |
| WV4V       | W0PE       | 4X6KJ      | JG3KLF     |            | YB4IR      |
| YO2DFA     | W6BK       | A61BK      | K2JL       | <b>174</b> |            |
|            | WB2HJV     | AA4AK      | K2MK       | AG4Q       | <b>171</b> |
| <b>187</b> | WB3BFC     | DK1NAL     | K3OX       | AG7N       | AA5N       |
| EA5HM      | WB4YDL     | JH1IZR     | K8YE       | DF8FT      | AD3C       |
| IK8GJR     | WB5STU     | K0IL       | KD1AB      | DL5KUA     | CT2GZE     |
| N6NU       | YB1RUS     | K2SD       | KF4VTT     | HB9HVG     | DL5MM      |
| N6VNI      |            | K3DFL      | NA6MG      | JL6USD     | F9CI       |
| PP7LL      | <b>183</b> | K8SL       | SM5CBM     | JR3TOE     | IK3GBG     |
| W5ZE       | IU0ICA     | N2ZZ       | VK2AAH     | K5CR       | IZ0CKJ     |
|            | JA2KSP     | NA5S       | W0IKD      | K9HQM      | JA3AVO     |
| <b>186</b> | JA3UNA     | VR2XYL     | W0JW       | K9UQN      | JJ1BDX     |
| AF6PK      | JE4CIL     | W4DSM      | W1AO       | N4PYI      | JL1GYZ     |
| I4UUL      | K3SF       |            | W4KVS      | N5QS       | JS6QOM     |
| K5EWS      | K6LRN      | <b>179</b> | WD8KND     | W5JMW      | K2TV       |
| K5QX       | NA2U       | DL5MHQ     | YB1TJ      | W5WI       | K4WY       |
| K5RKS      | W3ML       | F4WDL      |            | WA4BIM     | K6ZP       |
| K5TN       | WF8R       | JA3EEM     | <b>176</b> | WA4NUF     | KB0V       |
| KC6X       | YB2TS      | JR3ADB     | DL6NW      | WQ5T       | KC5LK      |
| KK0DX      |            | K4WZ       | F4FLF      |            | KP4DKE     |
| LA6OP      | <b>182</b> | KE5TD      | G4AYU      | <b>173</b> | KW9U       |
| W8RV       | G3SBP      | KJ6NZ      | JR1FHP     | 7L2QAD     | N8WRL      |
| WA5IPS     | I5FLN      | KZ2R       | K5DCW      | AB6CF      | NA6O       |
| WB4DNL     | I8LWL      | N3KV       | KK7YC      | AI9U       | ON6MX      |
| WZ4RC      | JA6SQR     | NK7C       | KT8D       | DM6MA      | W0MU       |
|            | J11CQA     | NO0B       | LA4JGA     | EA6UE      | WA4DOU     |
| <b>185</b> | K7LAZ      | SP5ELW     | N1JP       | HB9DVZ     | WA5KBH     |
| JK7LXU     | KG4JSZ     | W0ZS       | OZ9XU      | K1ROA      |            |
| K0KP       | KS0JD      | W1HS       | VE1VOX     | K5ZQ       | <b>170</b> |
| K3PP       | LA5LT      | W4CCS      | W4LEW      | K6UNE      | DL2JIM     |
| KE5BR      | N8NA       | W4TUN      | W9WO       | K8JE       | EI5KO      |
| KQ4EE      | N8NB       |            | WA3GNW     | LA9VBA     | EI6AL      |
| OZ3SM      | NZ5O       | <b>178</b> |            | N7HN       | JA1GVT     |
| UN7BK      | VU3CAU     | AA8KY      |            | N9DR       | JK1BIB     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JQ1YIW     | KD3HN      | N3KS       | N4KM       | K7LY       | WB2RAJ     |
| K6EGF      | KE3X       | RA0BA      | N7KDT      | KC9K       | WT2P       |
| K6JJ       | KH6XT      | RL3BZ      | N9ATF      | KM4NS      |            |
| K7CU       | N1ZJ       | TF3JB      | N9LEO      | N0IW       | <b>157</b> |
| LA2GH      | N4PL       | VK3TC      | R3IS       | N4MEC      | 7N3IJT     |
| N4VN       | N8JS       | W2FS       | SM7CZL     | N5WA       | E20YLM     |
| N6EM       | PT2ADM     | WB2WPM     | VA2LC      | N8IL       | EI2JD      |
| N8VV       | PY2SEX     | WB9PNU     | W1OK       | NI5F       | GM4KHE     |
| NX4TT      | TF3VS      | WC4X       | W1XV       | W1TO       | JA0NZR     |
| VE1OP      | WA0SXV     |            | W8MIL      | W9FF       | JA3MHA     |
| VE2YG      | WA5NFC     | <b>164</b> | WA9IVH     | WB8QZM     | JE3OUW     |
| W0OGH      |            | AC4BT      | XE2YWH     | ZS6RJ      | KB7QFE     |
| W2CG       | <b>166</b> | CT3DL      | YO3DDZ     |            | KN7Y       |
| WA4USA     | AD0K       | DL7JRD     | YO3IPR     | <b>159</b> | KO4PRE     |
| YO4AUL     | AL7R       | EI6IZ      |            | AA3AZ      | N4MI       |
|            | DL1SVA     | IZ0GVZ     | <b>162</b> | CT1ESO     | N6VH       |
| <b>169</b> | GM7NZI     | JE3FOR     | 4F1OZ      | EA1P       | NP3CW      |
| DM3CW      | HL4XM      | JJ1JMZ     | BH4IGO     | IK0WMJ     | PY1NS      |
| JA1KXT     | JG3KMT     | K0COM      | DJ7JC      | JA0ED      | W3HKK      |
| JE1PHH     | JQ1PCX     | K1XE       | DS3EXX     | JA3PRM     | W4DTA      |
| K8ZZU      | JR6GHN     | K6CF       | EA2AGV     | JA4FKO     | WB9B       |
| K9OT       | K0KV       | K6GFJ      | HS8KAY     | K0IO       |            |
| KI2D       | KN4FO      | KA1API     | JR4CZM     | KB7AK      | <b>156</b> |
| N5MT       | KR4BD      | KD8MQY     | N4BAF      | KC4HN      | DK8IZ      |
| RD3BD      | KW4J       | KL7TS      | N5FEE      | LA8ZAA     | EA3HPX     |
| SV1IZY     | LA7EIA     | N2XQM      | W4NBS      | N1MD       | GM3WIL     |
| W7VAS      | SV2CLJ     | N7WI       | W8FN       | N4VG       | HB9HHH     |
| WA6QGH     | W4PGC      | NA2P       |            | NE5S       | HB9MXY     |
|            | W8SAX      | NG9J       | <b>161</b> | OT1A       | JA1CCG     |
| <b>168</b> | WA1ZIC     | PT7DX      | HL3ERJ     | PT2ND      | JA2ODB     |
| A92IO      | WB3JFS     | S50B       | JP7FSO     | VA3NXM     | JA9RT      |
| EW1P       | YO3AIS     | SP7QHR     | K1BZ       | VU2MSA     | JG3RWX     |
| JA0PZJ     | ZL3RJ      | W6SIY      | K2OP       | W1EBM      | JH2AJY     |
| JH1ORA     | ZS6IR      | W9CSX      | K4AR       | WD5BJT     | KA9OKH     |
| JH3EQP     |            |            | KM4A       | XE1MW      | N4QM       |
| JP1LRT     | <b>165</b> | <b>163</b> | N7QT       |            | N7RD       |
| K1VI       | AG6HE      | AA4OC      | NA6XX      | <b>158</b> | W1MR       |
| K2SY       | CU3HN      | AC0DQ      | OK2ZDL     | 9J2BS      |            |
| KF0RQ      | EI5JL      | AI4QQ      | SM3PHM     | AA4UC      | <b>155</b> |
| LU8ADX     | HL1VAU     | DS4NPL     | W5BK       | G4SGX      | 5P5Q       |
| LX1CW      | IK0XIH     | EA1AZ      | W5RDW      | HK3PJ      | AB4GE      |
| N4ST       | JE4KCN     | F4CPF      | W6DOE      | IK3DVY     | DK3QM      |
| N6MB       | JE4WOK     | HA5BSW     | W9GG       | JJ1KXB     | IV3TDM     |
| OE1ALW     | JF1KML     | JA0MRW     |            | K4HQK      | IZ2EWR     |
| R4FAN      | JR1KBJ     | JA4GXS     | <b>160</b> | K8GWU      | JA0EBV     |
| SV1XV      | K2AX       | JR6LDE     | E70T       | KB2XJ      | K2DF       |
| VR2MY      | K3VPZ      | K0ABC      | EA1WH      | KF7NN      | K4EZY      |
| WX0Z       | K7CTV      | K0CF       | EA3HDZ     | KJ7NO      | K4SAF      |
|            | KG4CUY     | K4GN       | IK1ZNM     | N4XMX      | K4WM       |
| <b>167</b> | KG5NP      | KE1B       | JA1ITJ     | N6MM       | M0IFT      |
| F4DSE      | LA2XPA     | KW4MM      | JA1UOA     | W0JMP      | N1QY       |
| JA8BOV     | LB7ZG      | LA1CO      | JK1EBA     | W6FL       | NF7D       |
| KB8NTY     | N2RJ       | N0AMI      | JR1CAD     | W8LIG      | NK7Z       |

|            |            |            |            |            |            |
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| NO9E       | <b>152</b> | <b>150</b> | A71AM      | N6RK       | HB9AAA     |
| OE1HHB     | 4O3A       | DK3BK      | IW5EIJ     | N8TFD      | JA1MOD     |
| UT7EC      | AC6BW      | DK3FB      | JA1IHD     | N9MR       | JF2RSF     |
| W5SV       | BX5AA      | HB9EBM     | JF2AIJ     | SM3DXC     | K2OO       |
| YB1AYO     | DD0VE      | IK1UGX     | JI3BFC     | SP9IZV     | K6LPO      |
|            | DF2WF      | IT9ABN     | K5LY       | TF4M       | K7QBO      |
| <b>154</b> | DU1KT      | IT9IPQ     | K7STO      | WA2MUA     | K9BQL      |
| AJ8B       | G0THF      | IZ0FUW     | KA3GWD     | WA3SKQ     | KE4FW      |
| DS5WQT     | G4AFJ      | IZ2MHT     | KD4EE      | WA5NOM     | KG6D       |
| JA0GZZ     | IK5BSC     | JA6SUY     | KM4HQE     | WW8RT      | KJ2U       |
| JA4HXF     | JG2LGM     | JA7GZM     | LZ1MDU     | XE2B       | KJ4R       |
| JA8ANQ     | K0PX       | JG1GJH     | N0TK       | YB1BML     | KN7K       |
| JE6PJP     | K0RAR      | K5HK       | N3ND       | ZS6UT      | LB2TG      |
| JF3VEC     | K2EK       | K9RT       | N8IK       |            | N2YBB      |
| JH1AQN     | K4RDU      | K9UWY      | NJ6K       | <b>145</b> | N4GBK      |
| JH1BHW     | KD2OV      | KI7M       | PY2CP      | 5T5PA      | N4UP       |
| JM1JZN     | KE9S       | N6JOJ      | VE6TL      | AA5TL      | N7ZA       |
| JR3QHQ     | NH6L       | N9IO       | W4AG       | AC7JM      | TG9AJR     |
| JR7ILA     | NM1G       | OH3PYY     | W9MAK      | AL7TC      | W4JVN      |
| KC1ERO     | ON4LG      | ON6ZV      |            | DL1MEV     | W4UFO      |
| KM2O       | R9JX       | SM0BSO     | <b>147</b> | EA4S       | W7VS       |
| N7JB       | W6RFF      | VU2NXM     | AB9KZ      | EA7LS      | WY0V       |
| NE5W       | WA6EZV     | W3KB       | EI3CTB     | EI7GY      |            |
| VA3OKG     | YV4DYJ     | W4NE       | F6KOP      | JH1CTV     | <b>142</b> |
| W4CIR      |            | ZS1C       | G3VQO      | K5FXB      | JA1PUK     |
| W8TM       | <b>151</b> |            | IS0/YO3RA  | KQ5M       | JH6PFY     |
| WA9MAG     | AB2E       | <b>149</b> | JA0JPD     | KS0M       | JI1UHZ     |
| WN7J       | AD5MD      | 7N2JZT     | JJ0LZQ     | N6KK       | K2CJ       |
|            | AK9B       | DS4DRE     | JK1OTP     | NS4X       | K3GT       |
| <b>153</b> | DF1IR      | ER0FEO     | K0PC       | W3DQS      | K8MRT      |
| HB9BEM     | DL4KUG     | JN4FNZ     | K3GGN      | W7NP       | K9UO       |
| HB9GWJ     | J68HZ      | JS6SCC     | K3GW       | WR7Q       | KA6BIM     |
| JA3UOQ     | JA2BUR     | K2HT       | K4NTO      |            | LA1J       |
| JH2NWP     | K1QN       | K2KIB      | K4TXJ      | <b>144</b> | YO8CRU     |
| JR7MAZ     | K4DET      | K2RET      | K5UZ       | AD0TR      |            |
| K0SRL      | K7LAY      | K8WHA      | KB9LIE     | DL6DCD     | <b>141</b> |
| K4OY       | K9AAA      | K9EXY      | KX5U       | G4FTC      | 7K3QPL     |
| K5DXR      | KE4BKL     | KM2E       | SV8RX      | GM0VIT     | 9H1AE      |
| K8ROK      | KE8G       | KP4DS      | W3NRJ      | JK1NPH     | EA1T       |
| K9MMS      | KK4CLY     | N0STL      | W8OM       | JL3DGI     | EI3ISB     |
| K9YZ       | N7MB       | NE0U       | W9GM       | K1TKL      | HB9EXQ     |
| KF9LI      | NU4I       | NU4Y       |            | K8OS       | IZ3XEF     |
| KK4XL      | SM0NUE     | NZ0O       | <b>146</b> | N5UE       | JR3PKO     |
| LA2IR      | VA3EJN     | PY8WW      | AE5B       | NJ1Q       | K2JK       |
| N0VVV      | VA3HP      | RT0F       | HP3TA      | RN0C       | K5VG       |
| N7NW       | W3DIY      | TF3Y       | JA3KWZ     | UY2UZ      | K9AAN      |
| NC7B       | W3HER      | UA9MC      | JE1COB     | W0AIH*     | K9AQ       |
| OH3FVP     | W4PGM      | W7JET      | K6NR       | WB9W       | KA5SYP     |
| SP5NON     | W5WLA      | WA1EHK     | K8ARY      |            | KA5VFU     |
| W8VK       | W6WA       | WF7T       | K8POM      | <b>143</b> | NZ6N       |
| WB4SON     | WA9JWL     |            | KB9AIT     | AA4MM      | TF5B       |
|            | WC2C       | <b>148</b> | KM8AM      | AF3X       | VE3FAC     |
|            |            | 4F3BZ      | N6FS       | EA4D       | W1NA       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W5GOL      | K6CW       | W4GH       | W1DAR      | ON6YH      | K1IG       |
| W6HDG      | KC9G       | W4IDX      | W2KNG      | PY2OP      | K7ORK      |
| WK8A       | KF6A       | W4MA       | W4UAT      | SM7DXQ     | K8RCT      |
| WK9U       | KL7NW      | W4PV       | W5AAJ      | UW7UA      | KB4KBS     |
|            | KU9S       | W7SX       | W7KKC      | VU3WEW     | KN4WOJ     |
| <b>140</b> | N0SL       |            | WB1DX      | W3KHZ      | N8BK       |
| AA4DD      | N3PV       | <b>135</b> | XE2AD      | W4MC       | N9AVC      |
| AD9DX      | OD5YA      | AB4FH      |            | W5FL       | PY3OG      |
| EI6JK      | PV8ABC     | GM5YTT     | <b>133</b> | WA1HXH     | SM2YIP     |
| EI7JZ      | TA1PB      | HZ1GW      | 7J1ABD     | WA1KXV     | VK5CE      |
| I4JEE      | W0UHL      | JA1DCK     | DL8OH      | ZS1EL      | W7TG       |
| JG1RYQ     | W4DWS      | JA3MIO     | GM1BSG     |            | XE1ILI     |
| JJ1OKK     | WA5POK     | JA7MWC     | HB0WR      | <b>131</b> |            |
| K0UBR      |            | JJ1HLL     | HK4EB      | EI5GM      | <b>128</b> |
| K5GZR      | <b>137</b> | JL2ULM     | JA5IBP     | JA9KRO     | A71XX      |
| K6EV       | AC5AA      | K2WJ       | JM1JIV     | JH1IYY     | DL9SAD     |
| K7VC       | DL2RD      | K3HPA      | K7YMG      | K5SES      | EA1AHA     |
| KB1HY      | G3PSM      | K3WGR      | KG6WIK     | KA5IAU     | EI3IO      |
| KC3AK      | HL1MKT     | K4OP       | KI4TZ      | NG4DX      | F4GTB      |
| LA8PDA     | JA4DNC     | N5RN       | LA9KY      | NN6K       | HL2DBP     |
| LZ2HM      | JH1SBE     | N7TW       | N1BKB      | W5EC       | JH1AWJ     |
| VE3NJC     | K2CDJ      | NX8Y       | OH3DP      |            | K6OJ       |
| W5VU       | K2RKJ      | S53MJ      | OH4KRN     | <b>130</b> | K7PTC      |
| W9BS       | K4AU       | W5IO       | OH7HM      | AA4QE      | K9YKL      |
| WB1ASL     | K6IRA      | W7QHE      | V31CQ      | DL1SWN     | KC2WUF     |
| WB8EKG     | K9BO       | WB3AVD     | VU2ABS     | JA2LMY     | KD5R       |
| WW6G       | KP4N       | WB6FWS     | W1GY       | JH3PRR     | KG2U       |
| YB3MM      | N7VZ       | WB9IWN     | W1ITU      | JL4BSE     | N0JR       |
|            | N9NFT      | WO5I       | W3MF       | K2MHE      | PU4MMZ     |
| <b>139</b> | NI4Y       |            | W6OUL      | KN4JX      | R3BB       |
| F5VML      | NU1T       | <b>134</b> | W9SE       | N2YF       | UR9IDX     |
| HB9ARK     | OE3JAG     | AB0RX      | WB9ZNZ     | N7TM       | W0QD       |
| HB9DTE     | SM5CSS     | AB1J       | YB4CHP     | NS4F       | W5MF       |
| HL4CBX     | SP3EPG     | DL4ZAB     | YO3GJC     | OZ6TL      | W6IS       |
| K0QB       | TA1AL      | EA6AZ      |            | RU3DX      | W8BI       |
| K0YL       | W2GGY      | IZ8DEO     | <b>132</b> | W1MO       | W8WV       |
| K9QJ       | W2NY       | JA6GXP     | AA4FU      | W9CTJ      | W9EBO      |
| K9TRV      | W4UEF      | JR0GXA     | AK3E       | WA7HR      | WA4UWD     |
| KX4I       | W9MR       | JR1HYA     | AK6I       | WB8RFB     | WC4V       |
| N0CKC      | WA0WOF     | K3KY       | I8NLC      | YB2IQ      | WP4CQ      |
| N2SG       | WG0G       | K7FL       | IK8OZV     | YO8PS      | WQ1H       |
| N7NF       | WS1F       | K7YZO      | IZ0COI     |            | ZS6AKU     |
| R9MJ       |            | K9JDP      | K4BNF      | <b>129</b> |            |
| ZL3TE      | <b>136</b> | K9SUH      | KE7BMG     | AD6KQ      | <b>127</b> |
|            | DM5JBN     | KA9JCP     | KG8OU      | AE7U       | 7Z1HL      |
| <b>138</b> | EA5KA      | KD2SC      | KI7HO      | JA0AVS     | AG4TO      |
| DL5KUT     | G0OSK      | KF5WCP     | KK5ID      | JA1PLT     | DJ5DT      |
| DL5ZB      | IS0EBO     | KN4OK      | M3DFW      | JA2ACI     | DL9GTB     |
| G0FWX      | NT5EE      | LB5GI      | N1AH       | JA3WMS     | EA3NG      |
| JA0CVC     | ON5GF      | N2TC       | N3TR       | JH1RFM     | EA4TX      |
| JA1PVX     | VE3FRR     | N6XT       | N4EDT      | JM1CMA     | G8BCG      |
| JA1VRY     | W0ANZ      | NC6RJ      | N4QOG      | JN1SUT     | HB9TJG     |
| K2YSY      | W4EJG      | SM3WMU     | NN3V       | K0ARM      | HK6K       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| I2YPY      | XE3E       | W4BH       | K9KJ       | <b>120</b> | W8EOG      |
| IK2ULM     |            | W6ELI      | KB4ET      | AA2T       | ZL2AO      |
| JA0BES     | <b>125</b> | W6ND       | KN9N       | AC4TO      |            |
| JE2VYM     | AC4XO      | W8PAT      | N1ZZ       | AE5LK      | <b>118</b> |
| JG1LRE     | EI8GS      | WB1S       | N9ATD      | AI2S       | 6K5AQY     |
| JH1HRJ     | G4EHT      | WW5L       | UT9LC      | CT7ABD     | AC9GK      |
| JI1MNT     | IK8PGE     | ZL3REX     | W1ES       | CU2CE      | AE1T       |
| JR1LZK     | IZ8EYN     |            | W1HEO      | DS3DNT     | DJ9KM      |
| K7LFY      | JF2OHQ     | <b>123</b> | W1KKG      | DS5QLJ     | IZ0RPS     |
| KB8KIM     | JH8FIH     | AB9BH      | W5HNC      | F5AQB      | IZ1JIZ     |
| KF3N       | JP1GVC     | AE5FM      | W6HB       | IK8IPL     | JA6CMQ     |
| LA2LI      | K5NOF      | AI5EG      | WA5YOM     | IT9JPS     | JH3LCU     |
| N0AB       | K9ARZ      | DJ6OZ      | WA9DU      | JA1DCO     | K9KJS      |
| N0DL       | KC2STA     | DS4DBF     | XE2MX      | JH5OTE     | KA5JSM     |
| N1BZ       | KK5J       | G6NHU      |            | JJ1XVA     | KB3KJ      |
| N3GTG      | N7UJJ      | IK0XKP     | <b>121</b> | K9CHP      | KC2THY     |
| N5JED      | NA7RH      | IZ8LMA     | AB4BJ      | KG4OJT     | KD9BIE     |
| NA1RL      | NN6CH      | JA1GLE     | DL7UGO     | KJ6Y       | KG5VK      |
| NT9F       | SM5AFU     | JA2HOL     | HA2EQD     | KK7BR      | KX6C       |
| ON5EQ      | W0XE       | JH1RVQ     | IK6BMU     | LU3XX      | LZ1XZ      |
| VE3EDY     | W4AO       | K0MD       | JA1CPN     | N1TQP      | N3HYB      |
| W0MF       | W5CWQ      | K2JGL      | JA1EYN     | N3DV       | N8KUS      |
| WA2BOT     | W6PG       | KI0HA      | JA1WTO     | N3GS       | VR2CC      |
| WB2KSP     | WA1LAD     | KO8SCA     | JI5WDC     | N4UFP      | W4AFB      |
|            | WA4TMJ     | LA2XNA     | K1LTJ      | NR2D       | WA7ZXD     |
| <b>126</b> | WM4AA      | LX2SM      | K3CWF      | PP2FN      | WA8RCK     |
| CU7AJ      | WR2G       | N6DVR      | K9MQ       | VE3QAA     | WB5TOI     |
| DS3EXT     |            | N9RE       | KB3IFH     | VR2ZXP     | ZS2I       |
| EI4HH      | <b>124</b> | OH3TY      | KK4ODQ     | VU3RGB     |            |
| IK4TVP     | AA5H       | PY2ADR     | KO4DKI     | W1RG       | <b>117</b> |
| IW7EDZ     | AF8C       | SV7CUD     | KU2A       | W5RYA      | AD7L       |
| JA5CDL     | DJ3EJ      | VE3VHH     | N3ER       | W6GJB      | CE3FZ      |
| JA5XPD     | EC4KW      | W2WGK      | N5ZY       | WT5L       | F8EZE      |
| K2GLS      | EI8IQ      | W4UT       | NA2R       | YB0AZ      | IS0BZR     |
| K5KDX      | G4RGK      | W7FI       | NA4MM      | ZS6NK      | IZ7QFN     |
| K7PO       | IT9YOZ     | WB8TGY     | NY4G       |            | JA9KA      |
| K8GT       | IZ1UKF     | WU7X       | OZ6EI      | <b>119</b> | JM3GXU     |
| K9QA       | IZ5BYJ     | WX3P       | TA1L       | DL2VWR     | K0FF       |
| KC3RKW     | JH1XFR     | YB9WZJ     | UA0FDX     | F5BAR      | K4AEH      |
| KC5RR      | JM1LPN     |            | W2ARP      | HL2MHU     | K9LCR      |
| KC9WPS     | K3SUI      | <b>122</b> | W3/NH7C    | JA6JYM     | KB2S       |
| KK4CB      | K6VVK      | AA0BH      | W3JXP      | K4RM       | KB5CSQ     |
| KM4CQG     | K7HC       | AA5B       | W4CC       | K7LOL      | KO4PY      |
| KS4WA      | KB8DID     | AB5YI      | W4KCM      | K8EB       | KP4ED      |
| N5HC       | KC2NJ      | DB4RG      | W5UQ       | LU9DO      | KZ1X       |
| N8YQX      | KC4AA      | G0HSA      | W7PC       | N1GNB      | N5JEY      |
| N9BVA      | KD3UY      | HC1HN      | W9MB       | N8LCU      | N5VBK      |
| N9XG       | KD9ZR      | JA9ALR     | WA7HQD     | ON8PHD     | N8AGU      |
| VE3TMG     | KV8P       | K0HQW      | WB7BBQ     | SV1BYI     | VE7NY      |
| VK2DAG     | N0YO       | K1AJ       | WQ8T       | SV2KF      | W3LWH      |
| VR2VGM     | N4LSJ      | K1EDG      | WT3Q       | W1ZK       | W3MRL      |
| W8VI       | NT4K       | K3DQB      | WU9D       | W2FDM      | W4ARK      |
| W9COS      | W0DD       | K4VAC      |            | W6ZPL      | W4PG       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| WB9WHQ     | N7PIB      | JA2CPD     | W3WN       | JR2PAU     | SP7ASZ     |
| YO6HOY     | NE1RD      | JA4CSJ     | W4LLP      | JR4DHK     | T88UW      |
|            | NG0G       | JA5SEY     | W5GCX      | K3MSB      | W3ATV      |
| <b>116</b> | NW6V       | JF1AZQ     | WB2UFF     | K4KAL      | W3GP       |
| 6K2ILX     | OE5MPL     | JH1GNU     | WD8LTM     | K4RP       | W4JDS      |
| AA0FT      | W4OV       | K1JKR      | WF4W       | K6DJ       | W5SG       |
| EA5GXI     | W5WS       | K2KNB      | WJ1B       | K6SLO      | W7CB       |
| EI4BZ      | WB4MM      | K4JDJ      | WN1M       | K9TVG      |            |
| G8GHD      | WJ5K       | K4JLD      | ZL3PAH     | KF8PD      | <b>108</b> |
| IZ2CSX     | WS4H       | K4TR       |            | KV3W       | 7M4CLF     |
| JA2KPW     |            | K5TU       | <b>111</b> | N1TQ       | AC8MR      |
| JJ1DMH     | <b>114</b> | K5WRE      | AK4N       | N3YZ       | AC9DX      |
| JT1CO      | F6FHZ      | K7MO       | EI9CN      | N4NYY      | DB9CR      |
| K4LCP      | G3CWW      | K9DUR      | F8DZY      | NZ7Q       | DL1TPY     |
| K8JRK      | HC1HC      | KB2TGU     | G4ZWY      | OE6BME     | DL2AMD     |
| K8MN       | I0BJV      | KC0V       | HB9ECS     | TF8GX      | DL2NAI     |
| K9GWH      | IZ0FYW     | LU3JVO     | JA4DLF     | W1ZZ       | DM5TI      |
| KB8ZUN     | JA1CPU     | NA9L       | JA5EEU     | W5JE       | DU1IVT     |
| KC1RET     | JA8EIA     | S52R       | JE1TNL     | W6TCP      | E70X       |
| KD5RBU     | JG4OOU     | SV2DSJ     | K1RE       | W7YED      | EA5XV      |
| N0UCR      | JL3RNZ     | VA3AYA     | K2KYH      | W8PE       | G5CL       |
| N1GFV      | JM3XZC     | VK7ZE      | K5NV       | W8TE       | G6MXL      |
| N2ZL       | K2IRM      | W0LGQ      | K8ZEE      | W9GFB      | IK1RKN     |
| N4KEB      | K3PL       | W1FC       | K9JIG      | YB1SKR     | JA2DCN     |
| N5EI       | KB1W       | W3JM       | KI2Y       | YO5QAW     | JA2KGQ     |
| OE6CLD     | KD2NF      | W6BBS      | KM5VI      | ZS5LEE     | JH1OVY     |
| RW6MBC     | KI8AE      | W7CD       | KV7N       |            | K3XO       |
| SM1NJC     | N3DD       |            | N0ATQ      | <b>109</b> | K4GHS      |
| VR2IL      | NA1DX      | <b>112</b> | NT5O       | AA4RX      | K8LBT      |
| VY2RU      | NG8T       | 3C3CA      | PT7CB      | AC8AZ      | KC8YG      |
| W1HQ       | NK5K       | 7Z1CQ      | TA1UT      | AC8TO      | KE3ZT      |
| W3IZ       | W0QKL      | EI2FG      | TA2RC      | AF3K       | KE7AUB     |
| W9LU       | W2ZK       | G0DTX      | TA7AZC     | DL9QJ      | KI4SFT     |
| WA4VJK     | W8LR       | G3YFE      | W7WT       | F8DHE      | KJ2AM      |
| WW5RC      | WD0AJG     | GM0SCA     | WB8PKK     | G0MMI      | KJ4SKO     |
|            | WN0L       | IK4EWN     | WL7OU      | JA5GOJ     | KO4XI      |
| <b>115</b> | WT9U       | IS0BQE     | WU4B       | JA9IWR     | KW1X       |
| AA9WO      | XE1EE      | JA4RED     | XE1ZTW     | JH4GNE     | LU2AH      |
| AF7WM      | YB2BNN     | JE2DOD     |            | JJ1ZS      | N2IFA      |
| E74A       | ZS4JAN     | JF3AHI     | <b>110</b> | K0FD       | N5FPW      |
| HB9MZI     |            | JH0LME     | AC0B       | K6JAD      | N5TW       |
| HL4RBR     | <b>113</b> | K0XM       | AG5Z       | KB7DT      | N7TP       |
| IW2FLB     | AB1NS      | K4HEB      | AJ6V       | M0AQM      | N9AZZ      |
| JA0NPQ     | AK0A       | K4ZMV      | CT7ANG     | M0MCV      | TF3MH      |
| JA1UBZ     | DL2DCX     | K7RAN      | DK4MX      | N4LS       | VE7VV      |
| JH8LEY     | EA5DPL     | K8CJY      | EA1BLA     | N4WD       | W4DVG      |
| JJ2VLY     | F5EOT      | K9KDS      | EI9HX      | N6RVI      | W6CN       |
| K8CR       | F8GB       | KH6P       | G4VWI      | NN8L       | W7SMW      |
| KB4CRT     | G0UII      | KY6AA      | HB9BEP     | NW6R       | WB5ZAM     |
| KB7V       | G4NAQ      | N0OK       | HG6IA      | NX1P       | WC4B       |
| KG4URP     | G4YCS      | N8AID      | IZ1EPM     | NZ3M       |            |
| MM1PTT     | HB9GZE     | NQ4A       | JF3KOA     | PF7M       | <b>107</b> |
| N0TR       | IU8GNY     | S51DV      | JH1FRW     | PV8DX      | AB7RW      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| BG8PA      | G3LPS      | JK1AKA     | K2CQW      | KQ6K       | W5TMC      |
| DJ5FZ      | HI7SB      | K0MB       | K4WW       | M0UPL      | W7FS       |
| DK2GP      | JA3AOP     | K1EO       | K5JUC      | N1MIE      | W7HJ       |
| E73D       | JA3FRI     | K1ETA      | K7UW       | NB3R       | W7IMU      |
| EA2BFM     | JF7NNI     | K2GW       | K8WVA      | NI5G       | W9GWP      |
| EI5GSB     | JG1XBM     | K5WE       | KE4YOG     | RX3BP      | WB4PWZ     |
| G4NBS      | JJ1IRS     | K6GCN      | N1FOJ      | VE7XT      | WB7QBS     |
| IC8XIL     | JO4JDU     | K6ME       | N3PW       | W2SUB      | WD6T       |
| JE1CTA     | K6VWE      | K7CMZ      | N4PAJ      | W4CU       | WD9IOK     |
| K1FUG      | KA9TOX     | K8FB       | N4ZR       | W5IP       | WN9A       |
| K2FJ       | KI0KN      | KJ8N       | N8TEM      | W7KHZ      | XE1SAX     |
| K2ZD       | KI4NSP     | KK4MA      | N8WXQ      | W8EH       | YB0EIN     |
| K3GO       | KM8V       | KR0P       | NA8W       | WA6URY     | YB9AY      |
| K4LQ       | KR4U       | LA9JKA     | OM6CI      | WA8KNE     | YO6BHN     |
| K6DLB      | KT5V       | LZ1JZ      | OZ9U       | WC9C       | ZS2ACP     |
| K7UWR      | M0PCB      | N2YU       | PA0QRB     | YB1ALL     |            |
| KA4LBD     | N4DJT      | N9APK      | PY2YW      | ZL1IM      | <b>101</b> |
| KB0EL      | N6UOZ      | N9IXD      | RV4LC      |            | AA9D       |
| KF2G       | N7MW       | NC1M       | VE3ZN      | <b>102</b> | AB2NI      |
| KF6XA      | N9ZJ       | NK7L       | VK3MB      | 4X1VF      | AB4EJ      |
| KJ4FZ      | NG4C       | OH6IH      | W0VU       | 5H8HZ      | AB8YZ      |
| KS8W       | NI7F       | PV8RR      | W9GXR      | 5W1SA      | C31MF      |
| LU5OM      | NS7K       | TF1A       | WB7QXU     | AC0XY      | DD8BA      |
| N0MHL      | PT2DF      | VU2DED     | WX0B       | AD7XG      | DD9WG      |
| N1UZ       | PY2OC      | W1PY       | YB1BUL     | DB2WD      | DL3XAC     |
| N2SO       | UA0ABB     | WB8LEM     | YO6HSU     | DL4FDM     | EA4UV      |
| NI8Z       | VE3BHZ     | WD4OHD     | ZS6HON     | G4FVZ      | EA8TZ      |
| OV2B       | VE3NKS     | WK3A       |            | IC8SQS     | G3VDB      |
| PP5VA      | VE3XK      | WZ9B       | <b>103</b> | IZ7QSS     | G4GEE      |
| RM6LW      | VU2MB      | YU1LD      | AF8P       | JH1IHG     | HB9PUE     |
| SV3EXP     | W0TLX      | YV4EH      | DS5JMG     | K1MDA      | IK2HLM     |
| TA1CQ      | W4/KL7GLL  |            | EA2RY      | K2DH       | JA1KZP     |
| UX5XK      | W6KF       | <b>104</b> | EI4GNB     | K2DW       | JA5ALE     |
| V31MD      | W7GB       | 7N4OBV     | EI9GLB     | K4HR       | JA5JUG     |
| W1USN      | WA3IIA     | AA2WC      | FM4LV      | K6BLG      | JK3NSD     |
| W5HY       | WA8Y       | AA6XV      | HB0RER     | K6JAV      | K0GEO      |
| W8JA       | WS7I       | CT3DZ      | JA3MAT     | KB1AWM     | K3AXB      |
| WB2BXO     | ZL3RIK     | EA4EJP     | JF1KIG     | KO3F       | K3LA       |
| WB2MKX     |            | EI3HA      | J11FXS     | N2CJN      | K5HX       |
| WC2L       | <b>105</b> | F6ARS      | JP1KHY     | N2FY       | K7GA       |
| WM4W       | AA2F       | FM5FJ      | K0OOK      | N4IR       | K8PGJ      |
| WU1U       | AI1W       | G0DRM      | K2RNY      | N8KOJ      | K9GL       |
| ZP6CW      | AP2IA      | GW0ANA     | K3PIN      | NA4D       | KB5YN      |
|            | DL9GTK     | HA5DI      | K3TXW      | NN5O       | KC3OPI     |
| <b>106</b> | E29TGW     | HB9BMY     | K4NI       | R9GM       | KC4ZA      |
| AB6WQ      | F5VIF      | JA1CC      | K4PWS      | S51MA      | KE9UA      |
| AC7DX      | G3LOJ      | JA1DHY     | K4SAW      | SM0XG      | KJ5RC      |
| AC8IL      | HL4GHT     | JA1RBY     | K6XJ       | US8ZAL     | KK6VGE     |
| DS2GOO     | JA1JYS     | JH1MYJ     | K7BWC      | VK2GR      | KU4A       |
| EA3AGY     | JA1SZN     | JI4HKA     | K7HV       | VK7AP      | LA3ANA     |
| EW4DX      | JE6UWU     | JQ2MPJ     | K9WMS      | W1GF       | M0PTZ      |
| G0OJG      | JJ2BLV     | K0BRO      | KA7CVJ     | W1MRH      | M5LRO      |
| G0RPM      | JK1AIA     | K1TWF      | KP4DDY     | W4GHW      | N3CAL      |



|            |        |        |        |
|------------|--------|--------|--------|
| N4PF       | EI4GJB | KL7XO  | WB4HMA |
| NC8I       | EW4A   | KR4Q   | WB6RAB |
| NJ2X       | F5JWH  | KZ4EX  | WB6RJH |
| NZ1I       | F6JSZ  | M0NGN  | WD1M   |
| OZ5JQ      | G0GFC  | N0JX   | WD4GZW |
| PA3AIN     | G4PUQ  | N0KM   | WI0E   |
| R2ARR      | G8GFF  | N0VTZ  | WK7W   |
| RZ6MJ      | G8GNI  | N1KI   | WM4D   |
| SV2BXA     | GW0KRL | N3NVA  | WM9Q   |
| SV4FFL     | IK7NXU | N4GOA  | WU1T   |
| TG9AKH     | IZ4IRO | N5CR   | YB6LAY |
| UA4PK      | JE7KCI | N5LJL  | YE1AR  |
| VA2GA      | JG0HEW | N5LKE  | ZS6CR  |
| VK4BUI     | JG3LDD | N7WFK  |        |
| VU2OT      | JG5VFK | N7WR   |        |
| W0ZX       | JK8VMB | N8HM   |        |
| W2FDJ      | JN1RFY | N8URE  |        |
| W2GHD      | JR4VEV | N9MKC  |        |
| W2PD       | K1HC   | ND0B   |        |
| W3RMS      | K1JX   | NE3K   |        |
| W3SW       | K1PTF  | NM4SH  |        |
| W4PM       | K2UF   | NX6D   |        |
| W6OU       | K2UT   | OM2AGN |        |
| W7UV       | K3NO   | OR4K   |        |
| WB5KSD     | K3QB   | OZ1GCT |        |
| WD4IXD     | K3RRR  | OZ9GA  |        |
| WM5H       | K4GM   | PV8AJ  |        |
| WU6K       | K4KYN  | PY5VC  |        |
| WX7B       | K4QS   | R2AB   |        |
| YB8HZ      | K5LLA  | UR8IDX |        |
| YO2OXD     | K5MMH  | VA2EU  |        |
|            | K5PSN  | VE1JF  |        |
|            | K5VSD  | VE3KKB |        |
| <b>100</b> | K5YE   | VR2PX  |        |
| 2E0XAR     | K7VL   | VU2OY  |        |
| 9M8DEN     | K9EA   | W0PPA  |        |
| A41ZZ      | KA2F   | W0RMS  |        |
| A71EM      | KA4H   | W2MW   |        |
| AA7UN      | KA9JAC | W3KN   |        |
| AC0DH      | KB6IGK | W4CG   |        |
| AD4J       | KC5N   | W4DFU  |        |
| AE4VJ      | KD0KZE | W4YR   |        |
| AJ6X       | KD1DT  | W5PD   |        |
| AK1P       | KE1IU  | W5YKU  |        |
| AK4AO      | KE8NOA | W6OZI  |        |
| DB6VH      | KF5MDZ | W9KM   |        |
| DC1TK      | KF5TL  | W9ZT   |        |
| DK1MCS     | KG4IYS | WA2ALY |        |
| DK7GH      | KI0G   | WA2VJL |        |
| DL3ANK     | KI3O   | WA3UTC |        |
| DL5JH      | KI4PG  | WA3YZD |        |
| DS4GQR     | KK6MF  | WB0RXQ |        |
| EA5PS      | KL2R   | WB2ZEX |        |
| EI4DQ      |        |        |        |