

## ARRL DXCC - 12 Meters

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

|                                                                                   |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>348</b><br>K2TQC<br>SP5EWY                                                     | <b>342</b><br>JR2KDN<br>K4DY<br>K5UR<br>KF2O<br>N6AR                                                                                            | <b>338</b><br>G4BWP<br>I4LCK<br>JA3FYC<br>K9NU<br>PY4OY<br>SM3NRY<br>W1DIG<br>W7UT                                             | <b>335</b><br>AG9S<br>JA1BK<br>JA4LKB<br>JA5AQC<br>JA5MHD<br>N0XA<br>N5UR<br>OE3GCU<br>OE6IMD<br>OK3GU<br>R7LV<br>SP3EPK<br>SP8AJK<br>WB6RSE<br>WK3N                                          | <b>333</b><br>DJ8NK<br>F6AOJ<br>F6DAY<br>G4OBK<br>HA5WA<br>JA1HGY<br>JA6BZI<br>K6YRA<br>N4AH<br>PY2BW<br>PY2SP<br>PY5EG<br>SM5CEU<br>SM6CVX<br>UT5UGR<br>W0DJC<br>W9RPM                      | W4DKS<br>W5BPT<br>W5ZN<br><br><b>331</b><br>AD5A<br>DF2RG<br>DJ9HX<br>EY8MM<br>F6BKI<br>IK8HJC<br>JE2URF<br>JH1RFR<br>K4MWB<br>KD5M<br>LA5IIA<br>LZ2DF<br>PY5HOT<br>SP3E<br>VE3FF<br>W5OZI<br>W8UVZ<br>YO5BRZ<br>YU1FW<br><br><b>330</b><br>AA1ON<br>DJ2YA<br>DL1AMQ<br>EA7TV<br>EI7BA<br>HB9AMO<br>I4MKN<br>IK4BHO<br>IK6DLK<br>JA1ADN<br>JA3EMU<br>JH1GZE<br>JI4POR |
| <b>347</b><br>K4CIA<br>K8MFO<br>N4WW<br>W1JR<br>W4DR                              | <b>341</b><br>4X4DK<br>AA1V<br>DJ6RX<br>DJ9KG<br>G3KMA<br>JH4IFF<br>N0AT<br>N2TK<br>N4CC<br>NN4T<br>OH2BU<br>OZ3PZ<br>PA3FQA<br>SM3GSK<br>VE3EJ | <b>337</b><br>AA6YQ<br>DL4MCF<br>JA2JPA<br>JR3IIR<br>K1ST<br>K4HGX<br>K8SIX<br>VE3XN<br>W0BV<br>W2LO<br>W2YC<br>W3LPL<br>W9IXX | <b>334</b><br>AA1QD<br>DF3GY<br>DJ9ZB<br>EA4KD<br>EA6SX<br>F6EXV<br>G3XTT<br>I4AVG<br>JA0EOK<br>JA2FBY<br>JQ3DUE<br>K3UA<br>K4XO<br>N4XM<br>N8DJX<br>SM5AQD<br>SP2FAX<br>UA6A<br>W4PK<br>WB9Z | <b>332</b><br>AA7A<br>DF4PL<br>EA5RM<br>GM3YTS<br>HB9BGV<br>HB9BZA<br>IK4DRY<br>IK5HHA<br>JA0UUA<br>JA2KVD<br>JA4DLP<br>JG3QZN<br>JL1UXH<br>K0IEA<br>K1OA<br>N2LT<br>NJ6P<br>UA4HBW<br>UT7QF |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>346</b><br>N1DG<br>SM3EVR<br>W9ZR                                              |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>345</b><br>HA0DU<br>JA2VPO<br>OH1XX                                            |                                                                                                                                                 |                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>344</b><br>K4PI<br>N4MM<br>OZ1BTE<br>OZ1LO<br>PY2XB<br>SM0AJU<br>VE1YX<br>W3YX | <b>340</b><br>EA8AK<br>JA4DND<br>K4UTE                                                                                                          | <b>336</b><br>G0JHC<br>JA1WPX<br>JA5AUC<br>JH4UYB<br>K2FF<br>K4XP<br>N3XX<br>N5ZM<br>PE5T<br>W0MHK<br>W1YY<br>WD5COV           |                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>343</b><br>DF3CB<br>K3FN<br>K4MQG<br>SP5CJQ<br>VA3DX<br>W3UR                   | <b>339</b><br>CT1EEB<br>IK1GPG<br>JA1UQP<br>JA5EXW<br>K5RK<br>N4CH<br>N8DX                                                                      |                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K3WC       | DL2OE      | ON4IQ      | <b>322</b> | W8GC       | R3VA       |
| K4CN       | EA1YO      | R5AJ       | CT1BH      |            | RA7A       |
| K4ZYU      | EA5BM      | SM4EMO     | EA2IA      | <b>320</b> | RW3RN      |
| K9CT       | I4EWH      | SM6CCO     | F5PAC      | AA8CH      | SP1MGM     |
| N4JF       | JE2LUN     | SM6CMU     | IK4GME     | CT4NH      | SP3CGK     |
| N8JV       | JH0INP     | SP1S       | IK8YTA     | DM5EE      | VE3LYC     |
| N9IW       | JH1TWT     | SV8CS      | JA4FKX     | G0BLB      |            |
| NR1R       | JJ8DGO     | W1RM       | JJ2LPV     | I2EOW      | <b>317</b> |
| OK1MP*     | K0DEQ      | W3LL       | K2UO       | JA3PIS     | AB9V       |
| RA3CQ      | KW9A       | W6RLL      | K6FG       | JO7WXN     | DJ5FI      |
| SP7GAQ     | N2BJ       | W9OP       | K7NN       | K1LD       | DK2NG      |
| W3NO       | N6JV       |            | KA9CFD     | K4EM       | DL5WW      |
| W4UM       | PY2YP      | <b>324</b> | KU0A       | KQ8M       | HB9HFN     |
|            | RZ3AM      | DK9KX      | KV7K       | UY5ZZ      | JA2IVK     |
| <b>329</b> | SM2GCQ     | DL5DSM     | N4DW       | VE3EXY     | K2RW       |
| GM3POI     | SM5CZQ     | FK8CP      | N4NX       | W3KX       | K6YUI      |
| IT9DAA     | SP6M       | G0DQS      | N4PQX      | W5WT       | K9MM       |
| IV3JVJ     | SV1RK      | G4CCZ      | OE1WEU     | W6XA       | KE9L       |
| JA2JW      | YO9HP      | I0WDX      | OH1LEU     | YV1DIG     | UX1UA      |
| JA7KY      |            | IK5PWQ     | ON4CD      |            | W6VX       |
| JA7MSQ     | <b>326</b> | JA2BDR     | PA3EWP     | <b>319</b> | WD0DAN     |
| K0EU       | EA5BY      | JA2DPC     | R7DX       | DJ4AX      | WX4G       |
| K1HTV      | JA9APS     | JJ3PRT     | SM5KNV     | DK1FW      |            |
| N5AW       | JE1SYN     | JR2LJO     | UA4CC      | EA8AKN     | <b>316</b> |
| NI0G       | JF1WPB     | JR3OEH     | VE1DX      | HB0CC      | AB3CV      |
| NO8D       | JF3KON     | K5KC       | W5CIA      | IK4DRR     | DF2UU      |
| OZ1CTK     | K5EK       | K9YY       | W5TCX      | JA9TWN     | G0OIL      |
| R4GM       | K8PT       | N1NK       | W18A       | J11DHY     | IK2QPR     |
| SP6CIK     | LU2NI      | N4II       |            | JR7VHZ     | IW1ARB     |
| SP8NR      | N3NT       | N8BM*      | <b>321</b> | K5MC       | JA5XAE     |
| W5XX       | N7RT       | OE8HIK     | AA4V*      | K6AM       | JA8EAT     |
| WA1JMP     | NK1K       | R3OK       | AD1C       | N4DB       | K1BD       |
|            | OZ1AXG     | RV3LO      | G3TXF      | N4QS       | K3WA       |
| <b>328</b> | SP5DIR     | VE2Tzt     | HB9BIN     | NE1B       | K4HB       |
| AA5AU      | W8DCH      | W8OI       | IK2YCW     | ON4AOI     | K8YTO      |
| DL7MAE     | WP4U       | W9OL       | JA0GJJ     | UA3AP      | KG8P       |
| IZ5EKV     |            | WB4TDH     | JA1XEC     | YO3APJ     | N5DG       |
| JA1SJV     | <b>325</b> |            | JA3AZD     |            | SP1JRF     |
| JH2FXK     | EU7A       | <b>323</b> | JH1IFS     | <b>318</b> | UA3DPM     |
| J12KXK     | HB9DHK     | EA3GP      | JH3CUL     | A45XR      | W1GL       |
| K4QL       | I5NPH      | GM0GAV     | JH3VNC     | AA4HP      | W7MO       |
| RU3FM      | IZ0AEG     | JF1KKV     | JH4ADV     | DL6KR      | W9ILY      |
| SL0ZG      | JA2FJP     | KF0QR      | K2VV       | G4PWA      | WA2VYA     |
| SP9DWT     | JA5WIZ     | N5TY*      | KX4R       | JA1ANR     | YB5QZ      |
| W1ECT      | JF1PUW     | N8RR       | LA7HJA     | JA2JNA     | YO7LCB     |
| W2IRT      | JF7XKY     | NY0V       | N5XZ       | JA4EPE     | YS1RR      |
| W5FKX      | JH8RZJ     | OH2BLD     | OE6MDF     | JH4JNG     | YU3AA      |
|            | JL1RUC     | SM6DHF     | OE8RT      | K2TE       |            |
| <b>327</b> | JR3GWZ     | UA3AB      | SM6DHU     | K4IQJ      | <b>315</b> |
| AB4IQ      | JS2LHI     | UT9FJ      | SP7VC      | K5BG       | 9H1SP      |
| CT1APE     | K9EU       | W7AO       | SV1FJA     | K5DU       | AA5AT      |
| CT1IUA     | K9IR       |            | UT7UJ      | LA2PA      | AB6QM      |
| DK5WL      | OE2LCM     |            | W4FC       | PY5EW      | G3VKW      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| HK3W       | JA7JWF     | JA0CRI     | NQ1K       | ZL3JT      | SV2AEL     |
| IZ1LBG     | JA7QVI     | JF8QNF     | R7NW       |            | W1SKU      |
| JA8RJE     | JF2UPM     | JG3FEA     | SP9JZU     | <b>305</b> | WT8C       |
| JA9CWJ     | JG3LGD     | K0KX       | UR5EDX     | AJ6T       |            |
| JN3SAC     | JH1NYM     | K5XI       | VA5DX      | DJ4XA      | <b>302</b> |
| JR2BJE     | JR1BAS     | K6RO       | VU2NKS     | JA1IOA     | DJ5JH      |
| K8NVR      | JR1BLX     | K8AC       | W1YM       | JA1WSK     | F5CQ       |
| N5OK       | JS3CTQ     | K8FL       | W2QO       | JA2NDQ     | G3SVD      |
| NN4R       | K4SO       | KC7V       | W5ADD      | JA7BWT     | HL2IFR     |
| OE3EVA     | K6KLY      | LA9AJA     | W6ENZ      | JE6TSP     | JE8CLT     |
| ON4IZ      | K9US       | NS6C       | W9MU       | JH7RXU     | K4MS       |
| PY2NQ      | LA7JO      | RA0FF      | WA8WV      | K0JUH      | OH8LXT     |
| SM3VAC     | LB8DC      | RL9F       | WE9R       | K3XA       | PY7DJ      |
| SV2DGH     | N2NL       | SM2OAN     |            | K9NW       | R5DT       |
| WA7NB      | N4TL       | SP6HEQ     | <b>307</b> | KG4W       | RK4FD      |
|            | N8KOL      | W0YG       | A65BR      | N9AU*      | W0VX       |
| <b>314</b> | W9RN       | W4BP       | DK2JX      | PA5TT      | W4QN       |
| AC4G       | ZS6EZ      | ZS1LS      | F2JD       | RA9CMO     | W5VY       |
| CT1DKS     |            |            | HB9TKS     | SM3NXS     | WD4LBR     |
| DL6CNG     | <b>312</b> | <b>309</b> | I5HOR      | YB1UUN     |            |
| EA1N       | AA5AM      | JA1EOD     | JA2XW      |            | <b>301</b> |
| EA6VQ      | F3SG       | K1AR       | JA3GN      | <b>304</b> | AE5E       |
| G3NDC      | JA1SYY     | K2UU       | JA6WJL     | DJ9ON      | CU2AP      |
| HA1RB      | JA1VSL     | K8QM       | JJ3HGJ     | DK5AD      | HB9BOI     |
| IZ8FFA     | JA1XCZ     | K9ZO       | K2SHZ      | HB9CEX     | HP2AT      |
| JA2AH      | JH1AGU     | NN4SS      | K9RX       | JA9FAI     | JA0DIN     |
| JA2ZL      | JH1QAX     | NU8Z       | LU8EKC     | JE1DXC     | JA1LSP     |
| JR4OZR     | JR6FC      | R9TO       | NI6T       | K8GI       | JA1SVP     |
| JR9LKE     | K1HT       | RU3DX      | W7DO       | N7US       | JE1LFX     |
| K2LS       | K3RA       | RX3AGD     | W7OM       | N9RS       | JG8FWH     |
| K5AQ       | N1IBM      | UA4LY      | W9JA       | UY5AA      | JK1GOK     |
| KB0EO      | N5ORT      | W2JU       | WA5VGI     |            | K4SE       |
| LA7AFA     | RU3QR      |            |            | <b>303</b> | LA5LJA     |
| MD0CCE     | SV1CNS     | <b>308</b> | <b>306</b> | E72U       | MM0EAX     |
| OE1AZS     | UT2UB      | DL2CHN     | 9K2OD      | EA3GHZ     | RN3QN      |
| OE1ZL      | W7CT       | F4BKV      | DL1KUR     | G3LZQ      | UN6T       |
| SM4DDE     | W8HW       | HK4SAN     | DL5EBE     | HB9DDO     | WB5JID     |
| SV1DPI     |            | IU7QBB     | HB9DDZ     | HL3IUA     |            |
| SV1JG      | <b>311</b> | JA1IZZ     | I1EIS      | HL4CJG     | <b>300</b> |
| UA6MF      | CT1FMX     | JA2WYN     | IK4PLW     | IK2RPE     | AC0A       |
| UX0FF      | IK0PEA     | JA7IC      | JA2VQF     | IK4ADE     | DL1TRK     |
| WB0TEV     | JA2XYO     | JA9GPG     | JE2LPC     | JK1EXO     | DL4CF      |
| WB8BPU     | JA4MRL     | JE2EHP     | JR2UBS     | K7WP       | EA1AF      |
|            | KM4H       | JG4AKL     | K5WAF      | K7ZA       | EI2GLB     |
| <b>313</b> | OE3SGU     | JH1SJN     | KD3CQ      | KB1JZU     | IZ5RVG     |
| 5B4MF      | OZ4O       | K0GY       | OE5RLM     | LA3WAA     | JA2ATE     |
| CT1GFK     | PY2XU      | K0KVR      | R8TX       | RL3FA      | JA9AA      |
| I3BUI      | UR0MC      | K8OM       | R9FM       | RW4NN      | K8GG       |
| IZ2AMW     | WB9CIF     | K9MK       | SP5IWA     | SM6CUK     | K8TL       |
| IZ8FWN     | WD9DZV     | KI0KB      | UN7JX      | SP2BMX     | K8VFX      |
| JA1GRM     |            | KN5O       | US5WE      | SP3IBS     | PA3CSR     |
| JA5IU      | <b>310</b> | KS1J       | W5AJ       | SP7HOV     | VU2PTT     |
| JA6VQA     | HB9SLO     | N8TR       | W5XC       | SP7ITB     | W3OA       |

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|------------|------------|------------|------------|------------|------------|
| W3RJW      | AA8OY      | IT9CVO     | <b>291</b> | <b>288</b> | UR5WA      |
| W6TC       | AD6W       | JA1XPQ     | 4Z4DX      | CT3MD      | VE1JBC     |
| W9AJ       | CT1DOF     | JA5SUD     | EA6ET      | HB9RYZ     | W3GQ       |
| WA9PIE     | EV1R       | JE1GWO     | G0EHO      | JA2JRG     | W6PJ       |
| <b>299</b> | GM0AXY     | JH1BAM     | JJ1TKN     | K1DG       | W8AXI      |
| 4X6ZK      | IV3YYK     | JJ1DWT     | K4ZO       | LZ2JE      | W9MJ       |
| DM2DXA     | JA1JAT     | JR1DUP     | KP2A       | N4LR       | <b>285</b> |
| EW2A       | K0KT       | K3FRK      | LA5HE      | N5LZ       | CU2DX      |
| HB9CQK     | K3PA       | K7ZV       | N2TN       | N6UK       | DL2SWN     |
| HB9RG      | K6FW       | KD0Q       | N7RO       | ON6AA      | EA3GHQ     |
| IK5RUN     | K8VC       | KZ4V       | PY2KP      | UA3AGW     | EA5KA      |
| IZ4MJP     | LA8PT      | N0KV       | VE3CFK     | W1YIF      | HL2WA      |
| JA7LGE     | LU4FPZ     | OE5BWN     | W7BEM      | W2LE       | IK8VRH     |
| K6SIK      | N0RB       | RU6L       | W8TN       | W2NO       | IZ8DFO     |
| K9SM       | RA3QK      | SV3DCX     | W9FR       | W3FOX      | JA0PE      |
| KB8VAO     | SM6BZV     | W3JX       | ZL4TT      | ZS1A       | JA2IYJ     |
| N9FN       | SV9COL     | YO2CMI     | ZS2DL      | ZS2EZ      | JA2VMU     |
| UA9FAR     | UA6YW      | <b>293</b> | <b>290</b> | <b>287</b> | JN1BMX     |
| VE3BW      | W2GG       | DL1HRN     | AA4A       | 9M6YBG     | JR8AMF     |
| WA3AFS     | YO2RR      | DL1SMA     | DS1JFY     | AA8LL      | K1USA      |
| XE2CQ      | <b>295</b> | EA3WD      | I4KDJ      | AA8R       | K6GXO      |
| <b>298</b> | DL1DUO     | G4GIR      | JA1KQX     | IV3GOW     | K6PJ       |
| 5B4AHJ     | EC3A       | IK0HFO     | JA1QXC     | JA9NLE     | LA8HGA     |
| CT1FCX     | IW0SAF     | IW1QN      | JF1NZW     | JE2OVG     | N8LJ       |
| DL7BA      | JA1BPA     | JA2CXF     | JH3GCN     | K0AZ       | OE1WHC     |
| G5LP       | JA1FQI     | JA3EOP     | KD0PO      | K5RT       | PE1L       |
| IW0HQE     | JE2DZC     | JH0BQX     | LA2QM      | LA3MHA     | W1OPD      |
| JA4ITW     | JH4ALY     | JK1TCV     | LU3CQ      | N3VA       | WK7E       |
| JA5BEN     | JM1FHL     | K4JAF      | PP1CZ      | N8PW       | <b>284</b> |
| JL2JVX     | JN1RQV     | N2LM       | SK3PY      | R9SA       | DL6JZ      |
| JR7WFC     | K0BBC      | N7IR       | SV3AQR     | SM5ARL     | EI9FBB     |
| K2PK       | K0TPP      | PY2IQ      | UN7LZ      | W1VT       | GM3YOR     |
| K8EUR      | K1GG       | S55DX      | UN7TW      | W4YCH      | IZ3ENH     |
| N4RWG      | K4XD       | W7ZJ       | W1EQ       | W8AV       | JA0DET     |
| ND0N       | K5VIP      | WA4FFW     | W2LK       | WA6F       | JA8CJY     |
| PY2VA      | K5ZK       | <b>292</b> | WB9EEE     | <b>286</b> | JG3SKK     |
| ZL1BYZ     | N7TY       | DL5CW      | <b>289</b> | AB5A       | JH3SIF     |
| <b>297</b> | NA5C       | E72A       | DL9TJ      | CT3HF      | OE2GEN     |
| E73Y       | RM0F       | EA5AT      | JA8EJO     | DL2VPO     | OH4UI      |
| JA3RQ      | SM5FUG     | G8DX       | JA9FPI     | HL3GOB     | SM0CCM     |
| JE7JDL     | SP8HKT     | HB9BAT     | JA9IFF     | IK0AGU     | SM6CTQ     |
| JG0CQK     | SV1GYG     | IZ0RVI     | JG1WSC     | IK0XBX     | W2AY       |
| K6ND       | W5LT       | IZ3ETU     | JH4GJR     | IZ8XQC     | W4FQT      |
| K8WK       | W6XK       | IZ8VYU     | K3UL       | JA2FGL     | W5ODD      |
| KG7H       | W7AL       | JA3ENN     | KK0M       | JE3ENP     | W8BBQ      |
| KT1J       | <b>294</b> | K5DHY      | R0FA       | JF2WGN     | WN6W       |
| W6YI       | AI9L       | K7ZD       | RA1QD      | JH1BNC     | <b>283</b> |
| <b>296</b> | AJ9C       | N8II       | S57AT      | K1LPS      | DF2GH      |
| AA4R       | EA6NB      | R6AF       | VE3EK      | K1RO       | JA1RTX     |
|            | HA5VZ      | W4VIC      | W9YSX      | K5PS       | JL1XMN     |
|            | HA9PP      | W6SR       |            | N8SNM      |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K3WW       | W8LGJ      | W3BW       | <b>273</b> | K3PU       | W9OO       |
| KJ6P       | ZS4TX      | W8RLS      | CT1BWU     | LA9GX      | WA1YTW     |
| N6TA       |            |            | DH2PC      | N4UOZ      |            |
| OE8SPW     | <b>279</b> | <b>276</b> | JA1KPH     | NN4X       | <b>267</b> |
| W1LW       | AA6AA      | DK3WW      | JA2TBS     | UA3TT      | DL4DW      |
| W6BJH      | JA2XCR     | HB9LCW     | JA6BEE     | W1MK       | HB9MFM     |
| WT4Q       | JA8DNV     | HK1MW      | JM2RUV     | XE1MEX     | IV3VBM     |
| <b>282</b> | JE8TGI     | IZ5BAM     | K4RG       |            | JA2QXP     |
| K1DT       | JF2XGF     | JA7FWR     | KA1ERL     | <b>270</b> | JA7BEW     |
| K5UO       | JH7BKN     | JA7LMZ     | KI5BLU     | 7K1PTT     | JA8UIV     |
| K8ROX      | JK1UNZ     | LA0FA      | LB2TB      | AA4FL      | K5VWW      |
| PC3T       | JO4CFV     | LA9VFA     | N4IG       | BA4MY      | K7XB       |
| RD3AW      | KF2DT      | N5MOA      | N4JQQ      | DK8MCT     | SM5BMB     |
| SM4CTI     | KQ4AV      | ND4X       | OZ1ACB     | EA1KY      | W6RS       |
| UA0BA      | OH1ZK      | NK0S       | OZ4VW      | F9XL       |            |
| W4OX       | SM0NJO     | OZ1LCG     | RW7M       | K0BJ       | <b>266</b> |
| W9HBH      | VE3DZ      | RX4HZ      | W4HG       | K7UA       | EI8IU      |
| WA3C       | W4UCK      | SM5CLE     | W8QZA/QRP  | K9JF       | IK0UTM     |
| XE1KK      | WB2BIN     | UN3G       | WA0MHJ     | N4QQ       | IW7DVM     |
|            | WO7R       | W1YRC      |            | OE3HWC     | JA3BXF     |
| <b>281</b> | <b>278</b> | W1ZT       | <b>272</b> | PU2POP     | K8AJS      |
| AD5Q       | 9A4T       | W2OIB      | AF9H       | VE6LB      | NU1B       |
| BA4RF      | CT1FPQ     | W5GO       | DS5ACV     |            | PZ5RA      |
| EA5OX      | EA8RR      |            | I5OYY      | <b>269</b> | RA4CA      |
| F3AT       | EI9JF      | <b>275</b> | IK5PWN     | HB9IQB     | SV1HEP     |
| I1FQH      | F2NH       | AB4SF      | JF1LMB     | IK7FPV     | VE3YF      |
| IZ8FDH     | JA8LRG     | JE1BMJ     | JH1OBS     | IK8EPC     | W0FLS      |
| K0GD       | K2UR       | JG1OGM     | K1UU       | JA1OVF     | W7YAQ      |
| N2WB       | K4HB       | JJ3CJP     | K6IPM      | JA1VLK     | W8MET      |
| N5GH       | N4HB       | N2JJ       | K7EG       | JA4VLK     | WB2GAI     |
| OZ1IKY     | N9ISN      | N7KA       | K8BL       | JA6GPR     | WB3LHD     |
| SM5ENX     | SM4AZQ     | ON5UE      | K9MBQ      | JH3FHQ     |            |
| W0LS       | VE3CRG     | PA7RA      | KB1EFS     | JP1NWZ     | <b>265</b> |
| W8HC       | W4MAY      | WA0RVK     | KI4GE      | K6EME      | 4F2KWT     |
| W8KEN      | W8MHW      |            | N2DPF      | KR0P       | G3WPH      |
|            | WF2S       | <b>274</b> | N6PSE      | N6RV       | JA1VRU     |
|            | WS5W       | 7M4AOE     | NV9L       | NW7E       | JA4FM      |
| <b>280</b> | <b>277</b> | EI6FR      | OE5FIN     | OM4EX      | JH1ACA     |
| CT1EAV     | EU1KY      | EW1KP      | PA0ZH      | SM5FWW     | JR1WCT     |
| GM3PPE     | F5PBM      | IW0HOU     | SV1ACK     | YB1AR      | K0DD       |
| JA3XNH     | F5UJK      | JA8ZO      | W2OO       |            | K2CBI      |
| JA6TMU     | IZ4DPV     | JH1IAQ     | W3ACO      | <b>268</b> | K2SN       |
| JH1HHC     | JA8EOT     | JM1GHT     | W3AP       | HB9BUN     | N5KM       |
| JN7DOS     | JH3KAI     | K3PT       | WA1S       | JA1IAZ     | N9JV       |
| JR6LLN     | K2AJY      | K6UM       | WL7E       | JA1NWD     | SP6JIU     |
| JR7FRW     | K8UT       | KA8SYV     |            | JH4HMG     | VE3SKX     |
| K0TT       | N9RD       | KA8ZPE     | <b>271</b> | K2KA       | W5DM       |
| K4WNW      | ON4CAS     | KS3F       | 4X1RU      | K6BV       |            |
| OH1JP      | SV1FJP     | NA5DX      | HL4GAV     | KD4W       | <b>264</b> |
| PY2DS      | UW2ZM      | RA5BM      | IK2DZN     | N2AJ       | 4Z1UF      |
| SM5CZK     | W1KSZ      | SV9AHZ     | IZ8EJB     | N5JB       | EA1KP      |
| UT7UV      | W2PP       | UA3ECJ     | JH1OCC     | SM6BG      | F6DBX      |
| VK3HJ      |            | W7MEM      | JM1HJG     | W2FV       | HB9DHG     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| IK4AUY     | WB8ART     | JA8BNP     | K6EID      | WF4U       | EA1RT      |
| IZ0NRG     | WQ6Q       | JE2RDO     | M0TTB      | YB0COU     | HA7TM      |
| JA7HRM     | YB2DX      | K2UFM      | VK3NX      |            | HB9EFK     |
| JR4LNG     |            | NI3P       | W6DE       | <b>252</b> | JH6PFY     |
| K1CA       | <b>261</b> | PY5CC      | W8JRK      | DL7UPN     | JL1MWI     |
| K8RRT      | 7K1CPT     | SV1FKZ     | WB7B       | F1ICS      | JR0EQQ     |
| N1EN       | DK3PZ      | VK4CAG     | WV9L       | G3KWK      | JR5JAQ     |
| N1GC       | G3UAS      | W1KDA      |            | G3NKC      | K1KA       |
| PA7TWO     | IS0AFM     | W7AH       | <b>255</b> | JA1BNW     | K9YC       |
| SV1CQN     | IZ8IEV     |            | AI6Z       | JA4HAW     | K9ZM       |
| VE6AX      | JA3FHL     | <b>258</b> | EA5RD      | JE1HRC     | KQ3F       |
| W5PF       | JH2PWY     | CU3EQ      | F6ECI      | JF3PNQ     | OH2IS      |
| W6TMD      | K2FW       | DK7YY      | HC1BI      | JF6XQJ     | PA0JSE     |
| WV4TN      | K7LJ       | HL3AMO     | HI8R       | JH4CBM     | PY2FN      |
|            | KM1D       | JA9AGN     | HL3DE      | JL1BYZ     | W7HPW      |
| <b>263</b> | LA5SJA     | JR3UIC     | IV3TMM     | JR1VAY     | W7IU       |
| DK4TP      | N9UA       | KH2L       | JK1OPL     | K1EFI      | YL2KF      |
| EA3CJ      | OM8FR      | SA0AQT     | KR4F       | K5FZ       |            |
| EA4DL      | SM7CQY     | US0YA      | N1RK       | KB9DAK     | <b>249</b> |
| HA7UW      | W0JM       | W1SSN      | N5BO       | N6PM       | AF5CC      |
| JA7XBG     | WA5LFD     | W5JAY      | VR2XMT     | OH7TV      | HL2CFY     |
| K1KO       | ZS6WB      | W9EWZ      | VU2CPL     | W2GW       | IZ8GGF     |
| K4KAY      |            | ZL2IFB     | W2/CT1GIF  | W2ZI       | JA8FFM     |
| K8FH       | <b>260</b> |            |            | W7CA       | JH1APK     |
| K9FN       | AA9A       | <b>257</b> | <b>254</b> | WA4CEM     | JH8GEU     |
| KN6KI      | EA8MT      | AF4HX      | BA7IO      | WA4JQS     | JJ1QUV     |
| N1RR       | EA9IE      | DJ0UT      | CT1BWW     | WV6E       | K9NR       |
| N7BT       | EC1AIJ     | DL9FCY     | IZ5YHD     |            | KF7F       |
| NA5Q       | F6HLC      | EA1JO      | JF2WXS     | <b>251</b> | N0RN       |
| NF1G       | FG5FR      | EA7SG      | JH1VUO     | 9A4W       | N3KN       |
| SM7IUN     | JA2FBC     | EB3CW      | JH2VUH     | DL2RTL     | NH6T/W4    |
| W0GG       | JA3VPA     | IK2PZC     | JJ1BMB     | HA5PT      | OZ5NJ      |
| W2XI       | JA3WLN     | JA6OXT     | K0GW       | JA1DDZ     | SM4OLL     |
| WA4LOX     | JH3FUK     | JE1PNX     | K3SEW      | JA1EMQ     | UN3GX      |
| ZS6NJ      | JH4ADK     | K1SM       | KI1U       | JA1SKE     | VE3YV      |
|            | JJ2WOC     | N1API      | LA5YJ      | JA5BGA     | W0RX       |
| <b>262</b> | K1ESE      | N6HC       | NE8P       | JE1VTZ     | W8IQ       |
| CU3EJ      | K8YSE      | PY2MC      | UA3O       | K4VIG      | W9RC       |
| I5REA      | LY1G       | RU1AB      |            | K8CW       | WB8K       |
| JA8BAR     | N1SV       | SV1VS      | <b>253</b> | KG9Z       | XE2D       |
| K8AV       | N6MZ       | W3FI       | AC9O       | KJ7TEA     |            |
| LA6UL      | NT5V       | W8MJ       | FG4NO      | N4SC       | <b>248</b> |
| LA9FFA     | SK7AX      |            | JA6IVR     | N5UL       | AK5X       |
| N3RC       | SP6A       | <b>256</b> | JA8XQI     | NV4B       | DS5DNO     |
| N8OC       | TG9NX      | BH4QYX     | K1FEV      | W2JLK      | EA4DEI     |
| NK4L       | WS9V       | EC1A       | K6MKF      | W2TB       | G3VPW      |
| NX0I       | WV8DX      | FG8OJ      | K8DV       | W3ABT      | HB9DOT     |
| W5ZG       |            | GU0SUP     | KE1F       | W4SK       | HL2KV      |
| W6NWS      | <b>259</b> | IK4HPU     | KM6HB      | W5GAI      | JA1PBV     |
| W7LGG      | CT3KN      | JA0KJE     | N7XR       | W8OP       | JE2VLG     |
| W7QDM      | DJ8NT      | JF2VAX     | UA0FO      |            | JJ1SKG     |
| W9PZT      | EA3EQT     | JH1RGG     | W6RW       | <b>250</b> | KF9UG      |
| WA3GFM     | EW1BA      | K4JJW      | W8GNM      | 6K5YIA     | N4QWZ      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| N4XP       | JN1NBU     | KV1E       | W3MR       | K5CWR      | WD8PKF     |
| N6KZ       | K0KG       | N4OA       | W4KA       | K8ZM       | WE4S       |
| SV1IW      | K1YR       | N9SF       | WA4QMQ     | N2FF       |            |
| W8IW       | KK1W       | W5DNT      | WB0TVY     | N4IQ       | <b>232</b> |
| XE2X       | W0QQ       | W5QM       | ZL4AS      | NA5Z       | EW4C       |
|            | W4REX      | WB8CQV     |            | NJ7G       | G3XLF      |
| <b>247</b> | W5PJR      |            | <b>237</b> | NW4M       | HB9DVO     |
| AA7G       | W9FI       | <b>240</b> | CT1BOY     | TA1CM      | HL2ZN      |
| CT1FUH     | WA2USA     | G7SSE      | G0VXE      | W2DXE      | JH0OXS     |
| K1PL       | WA3F       | IW3GJF     | HB9CXZ     | W7YW       | JH3GFA     |
| K3VAT      | WA8MCD     | JA1DM*     | JH1DGQ     |            | JH6DUL     |
| KH6M       | WC3W       | JA2FSM     | JR0QFA     | <b>234</b> | JR3VMJ     |
| N7DED      |            | JF2OZH     | K1RV       | DF7EE      | K4ST       |
| NA9RB      | <b>243</b> | K9JU       | K2NV       | DK2CC      | K5FNQ      |
| PY5IP      | DS5TOS     | KF0LA      | LB5WB      | HB9BYQ     | KB1DMX     |
| S51NM      | EI2HY      | N0ABA      | SM0MPV     | HS1NGR     | N9PGG      |
| W7IB       | G4XRV      | N4HID      | W6AER      | IK0LNN     | NY2NY      |
| W9JJB      | HB9EBM     | PY2GG      | W8UN       | JA2OLJ     | RQ3A       |
|            | JA2EPW     | SM3LGO     | WA0ROI     | JH5HDA     | SV8DOU     |
| <b>246</b> | JS6TWW     | SP5LKJ     | WB8B       | JK1BSM     | W6CYX      |
| GW4TSG     | K8ME       | UX5UO      | WB8ZRL     | JR4LZX     | W9ZCL      |
| HL2EIZ     | W1BR       | W0SZ       | YO3JF      | K0VM       |            |
| I0JBL      | W4PNY      | W8WEJ      |            | K4JC       | <b>231</b> |
| IV3KFB     | WX2U       | XE1RBV     |            | K4MF       | AD5WB      |
| JK1WSH     |            |            | <b>236</b> | K6ZZ       | DK6OR      |
| JR7GBL     | <b>242</b> | <b>239</b> | HB9DQV     | KE5FXE     | IK1IYU     |
| K3EA       | EI9FVB     | AG1A       | HB9ZS      | KE8UM      | JA1MZL     |
| KB6CIO     | JA4ZA      | DJ9RR      | JA1HOM     | KX2A       | JH0AWC     |
| W1KMA      | JH1ERJ     | IZ1JMN     | JA1JYE     | ND4V       | K2RU       |
| W3ICM      | JH1WJR     | IZ2FOS     | JA3KNN     | SV8CKM     | KD6UO      |
| W5ZO       | JK1VXE     | JA6CBG     | JN1NOP     | W3WST      | LZ2XF      |
|            | JR1MLU     | JA7KE      | K1ACL      | W9MO       | N8HRZ      |
| <b>245</b> | K3NQ       | JA9NFO     | KM3J       | WA5UA      | NA4EA      |
| AC9EM      | K3WWT      | JE2UFF     | KS4S       |            | SM7NDX     |
| AJ8MH      | K4PB       | JH1DGJ     | N4GN       | <b>233</b> | W4UDH      |
| G3KMQ      | K7FEL      | K2XF       | N6IE       | AA9GR      |            |
| HB9JOE     | KJ7M       | K4QE       | OE2BZL     | AA9RR      | <b>230</b> |
| JA3QOS     | N2NS       | K8YYY      | OZ7FOC     | AJ4A       | G3LUW      |
| JJ6DGP     | N6HY       | N8SHZ      | PA0TCA     | DH0GSU     | JA5NPV     |
| K5IB       | NF4A       | WA6JA      | W0HBH      | DS3HWS     | JA6AVT     |
| KF7PG      | PA3BWD     | WB4KTF     | W2YR       | EA5AR      | JE2EBT     |
| N0AH       | RC2A       |            | W4GIW      | JA0KJD     | JH7WQX     |
| N2NW       | VK3BDX     | <b>238</b> | W6DR       | JA3NHL     | JI1VVB     |
| NZ3O       | W8CZN      | JA0LXP     | WA1PMA     | JH1SOD     | K2SY       |
| OE3KLU     |            | JF0JYR     | WY6N       | K8BN       | N4TOL      |
| S55ZZ      | <b>241</b> | K9GA       | YB2TX      | K8EAB      | W2KA       |
| YB0NFL     | AB5C       | K9OR       |            | KK9H       | W8FIB      |
|            | E21EIC     | KA4RRU     | <b>235</b> | N9BX       | W8WVM      |
| <b>244</b> | G8AJM      | M0CSD      | EA7QW      | NE3F       | W9YE       |
| G4FKA      | JH1UBK     | N4PJ       | EU1U       | SM0XBI     | WB2NPY     |
| IK8UHA     | JP1IOF     | N5ZC       | JE1IBI     | W2NRA      |            |
| JA1CZI     | K1XV       | VU2CDP     | K0EOO      | W6YOO      | <b>229</b> |
| JI6IHG     | K7KB       | VU2DCC     | K0VSH      | WB2KSK     | AA3LX      |
|            |            |            | K4YJ       |            |            |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AE0P       | <b>226</b> | KZ5DX      | W0BM       | KE3D       | W1JGS      |
| AH0U       | DM2RM      | N3RW       | WA0WWWW    | N4JT       | W4IS       |
| DL8SDC     | I0OSI      | N7WO       | WB0N       | SM7WVZ     | W6SL       |
| IK2GAJ     | JH1IED     | RW4CY      | WC2K       | TZ4AM      | WA6HBR     |
| JA2VHO     | K2BA       | SM7BHH     |            | WA2NPD     | ZL2AL      |
| JA7QQQ     | K2HAT      | SP6AXW     | <b>220</b> |            | ZS2Y       |
| K0HD       | K2SD       | V51B       | AA6RR      | <b>217</b> |            |
| K3FM       | KK0DX      | W7NN       | DL4LAM     | IK0CHU     | <b>214</b> |
| K4CMS      | KK4OK      | WN6K       | EA5DFV     | JA2NNF     | 3A2MW      |
| KD1F       | N2KX       |            | JP1GUW     | JA7ZP      | DJ3AS      |
| KI4DLS     | N2SQW      | <b>223</b> | K1DJ       | JG5RVQ     | F4GVO      |
| N3PS       | N5ET       | AB4UF      | K1NJ       | K1RH       | HB9VAB     |
| N4NW       | N6BM       | AF2C       | K1NTR      | KK2M       | JA7DPC     |
| NE6I       | N9AOL      | EA7DUD     | K1TZQ      | KU4BP      | K0QQ       |
| UR5FEO     | NG7M       | HB9HBZ     | K4EU       | N6QI       | K2AZ       |
| W1WC       | VE7TK      | I8MTQ      | K4MIJ      | OZ0J       | N9KW       |
| YB1TJ      | W7HR       | IK2RZP     | K5MT       | W0TM       | PY2RO      |
|            | W9DX       | IZ8MBW     | K6MM       | YO3IPR     | SP7ICE     |
| <b>228</b> | WB0O       | K0NV       | K7AWB      |            | W0KCJ      |
| 7J1ADJ     |            | K6IPV      | K9WX       | <b>216</b> | W4WN       |
| AA0MZ      | <b>225</b> | KI6CG      | KV4T       | AC4VM      | WB6BFG     |
| EA5B       | DK5RL      | KW4V       | KZ9DX      | CX2CC      |            |
| F1RAF      | DS4AOW     | N4ENE      | ON4ATW     | DJ3XG      | <b>213</b> |
| F5LIW      | EU1M       | NY1V       | SM0DSF     | I1YDT      | 9A1AD      |
| JA1OVD     | G3SBP      | W8LMG      | UR4IOR     | IT9AAI     | AG3V       |
| JF1RYU     | JA0EVI     | WC4H       | W5THT      | K7LV       | DK3UA      |
| JF1WLK     | JA4CZM     |            |            | KK4OW      | HB9HIT     |
| K4KGG      | JF1MTV     | <b>222</b> | <b>219</b> | KR4W       | IT9ODQ     |
| KE0A       | JH8NQV     | AK5Q       | F5JSD      | KX4TT      | IV3FFI     |
| KE4UW      | JL3OUW     | DJ9SO      | HB9BNQ     | LB6KC      | JA0LFV     |
| RA3QUA     | K0IL       | DL5XL      | HL5BMX     | NC4RB      | JA1FVS     |
| UN9L       | K0OK       | E77S       | IK5QPS     | PS8ACL     | JG1JPE     |
| VR2CH      | K1JIU      | IZ7AUH     | JA1FJJ     | W0SR       | JG3RWX     |
|            | K3SF       | JM1VRW     | K5JZ       | W5VQ       | JR1EFG     |
| <b>227</b> | K4JWA      | K2AT       | KD2T       | WB3D       | K5ALQ      |
| DF8FT      | K5YU       | KB5UNX     | KE6V       | WS1L       | N6PEQ      |
| DL2RUM     | MU0FAL     | KS4YT      | KG6I       |            | N8GP       |
| I0MWI      | N0ODK      | KU8X       | KI7AO      | <b>215</b> | NA2M*      |
| JA0DWY     | NA2AA      | RA4P       | KR2Q       | 9H1EJ      | VK3FM      |
| JK1SQI     | W5GZ       | VE7BV      | KR6C       | AA7XT      | W1LE       |
| K1GE       | W5LO       |            | N1KC       | AA8SW      | W3BJ       |
| K2TER      | W5TFW      | <b>221</b> | N6DX       | DS4GKF     |            |
| K5GH       | W8UV       | EA2AAZ     | W5GA       | HB9IIO     | <b>212</b> |
| LU6ETB     | W9KVR      | IZ1JLG     | W6GRV      | I5XFD      | G4ZOY      |
| N1NU       | WE1P       | J11NJC     | WA3I       | IZ0BVU     | JA1BWA     |
| N6OJ       | YO9FNP     | K4CGY      | WW8W       | JR0AMD     | JA3LDH     |
| NA9Q       |            | K4MV       |            | JT1BV      | JJ2KDZ     |
| W4DEE      | <b>224</b> | K5DV       | <b>218</b> | KF4NEF     | JR2PZX     |
| W5RF       | JA8NFV     | K5ZQ       | DL2NOM     | KO6KD      | K3SX       |
| W5SL       | JH1OGT     | KU4XO      | DL4NBE     | N8NN       | N4FN       |
| WA9GON     | JO1LVZ     | KV4AA      | EA2AFV     | RN9N       | SM5AOG     |
|            | K1CBK      | N9JR       | G4VMX      | W0FG       | SM7GIB     |
|            | K5CD       | RU0SN      | I7PXV      | W0TT       | VK5GR      |

|                                                                                                                                                                  |                                                                                                                                                                                                         |                                                                                                                                                                                          |                                                                                                                            |                                                                                                                                                            |                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| W5DAW<br>WW2DX<br>WY1G<br>YL2TW                                                                                                                                  | DL4FAP<br>HP2NG<br>JH0NOS<br>K0THN<br>K4WES<br>K5RJ<br>K9SG<br>KC2SST<br>N6ZN<br>N7WS<br>NU1O<br>NW6S<br>W1FA<br>W5FPT<br>WA6G<br>ZS1J*                                                                 | LA6OP<br>N7NF<br>N8BJQ<br>W7IUO<br>WA3WZR                                                                                                                                                | K9TF<br>KA1DJ<br>KL7TC<br>KM7R<br>N4TV<br>N6PAT<br>W1DYJ<br>W3BNN<br>WA3FRP                                                | JH0RVY<br>JI1WLL<br>JM1SZY<br>JR7ILA<br>K4SX<br>K4VNY<br>KI4WCQ<br>MU0GSY<br>N2RR<br>PB9FN<br>V51YJ<br>W6JZ<br>W9LN<br>W9RXJ<br>WB4YDL                     | DF2UA<br>G1VDP<br>HB9ESS<br>I7LGM<br>I8YAV<br>JA1XRA<br>N2GZ<br>N3QE<br>N4HN<br>NA9A<br>SP3F<br>SP5MXZ<br>W5AAJ<br>W6HYI<br>WB5NHL              |
| <b>211</b><br>JE2KSM<br>JJ1JMZ<br>JJ1KZZ<br>JO4JDU<br>JR1JGA<br>KT2C<br>N1BY<br>VR2XLN<br>W6UC<br>W6WF                                                           | <b>207</b><br>9K2BM<br>DG5LAC<br>JA7MAD<br>JE3EDJ<br>K6ZP<br>KE1VT<br>M0HIH<br>M0IKW<br>N9AKR<br>NW7US<br>OE1JIS<br>ON4ANN<br>RD9M<br>TF3DC<br>VK2CA<br>W1AW<br>W1MJB<br>W4GE<br>W6KK<br>W9QO<br>YB0MWM | <b>205</b><br>AC9S<br>DL6UNF<br>GM0VRP<br>IK0WRB<br>IK3GBG<br>JA4DHN<br>JA7JM<br>JA7MNF<br>JO3WHB<br>K4YYL<br>K5VR<br>KT4AC<br>KW1DX<br>N2KI<br>N2ZA<br>OH3OJ<br>WA4MME<br>W17P<br>XE1J* | <b>202</b><br>BV1EK<br>DL8DWL<br>IK5BOH/2<br>JR1IZM<br>N8WD<br>NN9X<br>W3NS<br>W4RDX<br>W7TUS<br>W7VY<br>WE2N              | <b>198</b><br>AG7N<br>DJ0MCH<br>IV3BSF<br>JA6ENL<br>JM1ESG<br>K7PT<br>KA1J<br>KZ1W<br>N3ND<br>NN5E<br>RA3BL<br>VK6OZ<br>W6SHY<br>WA2VQV<br>XE1FAS<br>YV5LI | <b>195</b><br>CT1ELF<br>K3DFL<br>K3NF<br>K4KEW<br>KE4S<br>KF9AF<br>N3XM<br>NA6MG<br>NN2D<br>OH6NIO<br>PP7LL<br>SQ7FPH<br>VE3YXO<br>W3ML<br>W3SB |
| <b>210</b><br>AA4LR<br>CU3AN<br>JA7FAS<br>JH6RTO<br>KD4SN<br>KD8RQE<br>LU4FW<br>N8BK<br>ND3L<br>PY2WC<br>S54A<br>W5WP<br>W7FP<br>W9IL<br>WA9BZW<br>WK8A<br>YB0DJ |                                                                                                                                                                                                         | <b>204</b><br>JL1GYZ<br>KB5HC<br>KK8MM<br>KM9E<br>N7ELL<br>VU2IBI<br>W4GP<br>W7IV<br>WB8BZK<br>XE1L                                                                                      | <b>201</b><br>GI4OWA<br>IZ0GYP<br>K0MFI<br>K2CYS<br>N4PYI<br>OH2LHE<br>RT5A<br>W1OP<br>W6AEA                               |                                                                                                                                                            |                                                                                                                                                 |
| <b>209</b><br>JH8UQJ<br>K0LB<br>KB2FCV<br>KB4MRX<br>K08SCA<br>N4TD<br>N9XX<br>PU1KGG<br>SM5BNK<br>W6DCK<br>W8BLA<br>W8HMK<br>WB0ULX                              |                                                                                                                                                                                                         | <b>203</b><br>7L2QAD<br>DF3EC<br>F5NBX<br>IK2RGT<br>IZ0BTV<br>JA0CIU<br>JA7JPZ<br>JH8NBJ<br>K0CS<br>K1VI<br>K4GO<br>K4JKB<br>K9OW                                                        | <b>200</b><br>HB9AGO<br>HB9FBG<br>IZ5FSA<br>IZ8EKL<br>JA3EY<br>K1ZJA<br>KC6JAM<br>KM4VI<br>N1IA<br>PY3VB<br>VK6LC<br>ZS1DX | <b>197</b><br>4X4MF<br>BA4TB<br>EA1DLU<br>EA5HM<br>F4WDL<br>IV3AVQ<br>JA2MNB<br>K6TAR<br>K8SIA<br>KD1AB<br>W2CQ<br>W4DAO<br>W4HZ<br>WQ5R<br>XE1H           | <b>194</b><br>A65BD<br>EA5ZR<br>K1LT<br>KP3AH<br>KR8T<br>NJ3K<br>SP6EY<br>VU2LBW<br>W4DC<br>W5UHQ<br>W7PAQ<br>WA1NXC<br>XE1R                    |
| <b>208</b><br>7N3IJT                                                                                                                                             | <b>206</b><br>AG5W<br>CT1HHP<br>HB9CRV<br>IW9DNI<br>IZ4DIW<br>JA4DNC<br>JF1IRW<br>JH1FVE<br>K8NK<br>KK5OQ<br>KK9T<br>KW4CQ                                                                              |                                                                                                                                                                                          | <b>199</b><br>AA3TH<br>AC0X<br>AD4AA<br>HI3T                                                                               | <b>196</b><br>CT3CD                                                                                                                                        | <b>193</b><br>7L4VYK<br>AE4CW<br>DH3KM<br>I4UUL                                                                                                 |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| IZ5MOQ     | <b>190</b> | OZ9XU      | W6BK       | <b>180</b> | <b>177</b> |
| JA0AXV     | AA4U       | PY2RN      | WB2HJV     | A61BK      | 4X6UU      |
| JA1QIW     | DJ9KV      | W0PE       | WB3BFC     | AA4AK      | IW8CGX     |
| JA3PRM     | EC7B       | WV4V       | WB5STU     | DK1NAL     | IZ2EWR     |
| K1JD       | F4DSE      | YO2DFA     | WX0Z       | JH1IZR     | JE4RAL     |
| KM1C       | G3WW       |            | YB1RUS     | K8SL       | JF1LZQ     |
| LZ2ZG      | HL4CCM     | <b>187</b> |            | N7VPN      | JG3KLF     |
| NU4B       | JA2ITK     | 4X6KJ      | <b>183</b> | NA5S       | K0KV       |
| PY8WW      | JA3AVO     | AF6PK      | IU0ICA     | VR2XYL     | K2JL       |
| SM5ELV     | JH8KFE     | IK8GJR     | JA2KSP     | W0MS       | K2MK       |
| SP5IXS     | J12UDK     | KM4NS      | JA3UNA     | W4DSM      | K3OX       |
| W8NN       | K5RKS      | N6VNI      | JE4CIL     | WA6EZV     | K8YE       |
| WA9DU      | K7UT       | W2CG       | K6LRN      |            | KF4VTT     |
| WB6CJT     | K8ZT/QRP   | W5ZE       | LA7EIA     | <b>179</b> | SM5CBM     |
|            | KD0AA      | XE1YD      | NA2U       | DL5MHQ     | SP9IZV     |
| <b>192</b> | N3AIU      |            | WF8R       | IK1ZNM     | VK2AAH     |
| F6FYD      | N6MXU      | <b>186</b> | YB2TS      | JA1BON     | W0IKD      |
| IZ7GIT     | OT1A       | K1BZ       |            | JA3EEM     | W0JW       |
| K6XN       | SM0BYD     | K5EWS      | <b>182</b> | JH1XFR     | W1AO       |
| KJ4UZU     | VA3OKG     | K5QX       | AE4M       | JK1JAS     | W4KVS      |
| KJ4YLO     | W2OR       | K6EGF      | I5FLN      | JR3ADB     | WD8KND     |
| N4XYZ      | W9ROG      | KC6X       | I8LWL      | K4WZ       |            |
| NC2Y       | WA8LRW     | N5QS       | JA6SQR     | KB7AK      | <b>176</b> |
| UR3EO      | WB4GLI     | W8RV       | J11CQA     | KE5TD      | AD0K       |
| VA2IG      |            | WA5IPS     | JK1DDG     | KJ6NZ      | DL6NW      |
| WQ5T       | <b>189</b> | WZ4RC      | K5DCW      | KZ2R       | F4FLF      |
| YB1TQL     | AA4UC      |            | K7LAZ      | N3KV       | G4AYU      |
|            | I0LYO      | <b>185</b> | KG4JSZ     | SP5ELW     | JH8FIH     |
| <b>191</b> | IV3KCB     | JK7LXU     | KL0S       | W0UC       | JR1FHP     |
| AA4NC      | JA1SGU     | K0KP       | KS0JD      | W0ZS       | KK7YC      |
| G4XEE      | JG1SWM     | K3PP       | LA5LT      | W1HS       | KT8D       |
| HA5CW      | K3HW       | K9AQ       | N4MIK      | W4CCS      | KW9U       |
| IT9IPQ     | K5TN       | KE5BR      | N8NA       | W4TUN      | LA4JGA     |
| JH1FNU     | K6UXO      | KQ4EE      | N8NB       | W8QXR      | N1JP       |
| JK1AJX     | KY5I       | OZ3SM      | NZ5O       | WC0W       | VE1VOX     |
| JP1LRT     | N2MEE      | UN7BK      | VU3CAU     |            | W4LEW      |
| K1RI       | N6NU       | VA7ZT      | W6SFK      | <b>178</b> | W9WO       |
| K8QKY      | ON6KE      | W0QC       | W7WZ       | AA8KY      | WA3GNW     |
| KF2OG      | RM3DA      | W2WG       |            | EA8AXT     | WD4IXD     |
| N4DWK      | RN3CT      | W6RKC      | <b>181</b> | G4DDL      |            |
| N7MQ       | SM4BZH     | WV2I       | EI3CTB     | IW0BYL     | <b>175</b> |
| NK7C       | W4AEJ      |            | IZ4AIB     | JA1ERB     | AG5CN      |
| NO0B       | W5SUM      | <b>184</b> | JA1SZN     | K1ZE       | EA6UE      |
| OV5O       | W6DPD      | AD6ZJ      | KY6R       | K3VAR      | IU8IYE     |
| OZ7DN      | YB4CHP     | EA5RU      | N1HO       | KL7TS      | IW1PUR     |
| VK2HV      |            | IK0HBN     | N6VS       | KU1T       | IZ0CKJ     |
| W5IP       | <b>188</b> | JA7FVA     | N8AYY      | N4ST       | JE3PCP     |
| W8UQ       | EA7AN      | K3JM       | NM1G       | N6DHZ      | K1ROA      |
| WB4DNL     | JA0GCI     | N5FEE      | NV4A       | OZ1HPS     | KD4POJ     |
| WF1H       | JH7NTW     | NW7M       | UA9AEU     | TF3JB      | KF6HI      |
| WI8R       | K2AX       | SM2EJE     | W6TK       | W7HUY      | KN7D       |
|            | K2DC       | UN7BY      |            | WB6AXD     | N7NG       |
|            | N2ZZ       | UT7KF      |            |            | NS3L       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| UA1OM      | W1ASB      | <b>169</b> | WA0SXV     | <b>164</b> | YO3DDZ     |
| UA9AGX     | W2NY       | AC0DQ      | WA5NFC     | AC4BT      |            |
|            | YB4IR      | DM3CW      |            | CT3DL      | <b>162</b> |
| <b>174</b> |            | JA1KXT     | <b>166</b> | DL7JRD     | 4F1OZ      |
| AG4Q       | <b>171</b> | JE1PHH     | AL7R       | EA3HDZ     | AB1J       |
| DL5KUA     | AA5N       | K8ZZU      | DL1SVA     | EI6IZ      | BH4IGO     |
| HB9HVG     | AD3C       | K9OT       | GM7NZI     | IZ0GVZ     | DJ7JC      |
| JL6USD     | CT2GZE     | KI2D       | HL4XM      | K6CF       | DS3EXX     |
| JR3TOE     | DL5MM      | N4MI       | JA1PVX     | K6GFJ      | EA2AGV     |
| K1XE       | F9CI       | N5MT       | JG3KMT     | KA1API     | HS8KAY     |
| K5CR       | JJ1BDX     | N6MB       | JN4FNZ     | KB7QFE     | JR4CZM     |
| K7STO      | JS6QOM     | RD3BD      | JR6GHN     | KD8MQY     | KC4HN      |
| K9HQM      | K2TV       | SV1IZY     | K0FLY      | N2XQM      | N4BAF      |
| K9UQN      | K4NTO      | W6FL       | K7CTV      | N7WI       | NP3CW      |
| N7NW       | K4WY       | WA6QGH     | KN4FO      | NA2P       | W4NBS      |
| NG9J       | KB0V       | WB8EKG     | KR4BD      | PT7DX      | W8FN       |
| TF3VS      | KC5LK      |            | SV2CLJ     | S50B       |            |
| W5JMW      | KP4DKE     | <b>168</b> | VA7DX      | SP7QHR     | <b>161</b> |
| W5WI       | KW4J       | A92IO      | W4PGC      | W6SIY      | HB9GWJ     |
| WA4BIM     | N8WRL      | AB4GE      | W8SAX      | W9CSX      | HB9MYX     |
| WA4NUF     | NA6O       | EW1P       | WA1ZIC     |            | HL3ERJ     |
| WB8QZM     | ON6MX      | JA0PZJ     | WA5NOM     | <b>163</b> | JP7FSO     |
|            | VU2MSA     | JE4KCN     | WB3JFS     | 4O3A       | K2OP       |
| <b>173</b> | W0MU       | JH1ORA     | YO3AIS     | AA4OC      | K4AR       |
| AB6CF      | WA4DOU     | JH3EQP     | ZL3RJ      | AD5MD      | KM4A       |
| AI9U       | WA5KBH     | K0PC       | ZS6IR      | AI4QQ      | N7QT       |
| DM6MA      |            | K0PX       |            | DS4NPL     | N7VZ       |
| HB9DVZ     | <b>170</b> | K0RAR      | <b>165</b> | EA1AZ      | NA6XX      |
| K6UNE      | DL2JIM     | KF0RQ      | AG6HE      | F4CPF      | OK2ZDL     |
| K8JE       | EI5KO      | LU8ADX     | CU3HN      | HA5BSW     | SM3PHM     |
| KI6MQX     | EI6AL      | LX1CW      | EI5JL      | IK2ULM     | W5BK       |
| LA9VBA     | JA1GVT     | OE1ALW     | HK3PJ      | JA0MRW     | W5RDW      |
| N7HN       | JG1GJH     | OH3PYY     | HL1VAU     | JA4GXS     | W6DOE      |
| N9DR       | JG1RYQ     | R4FAN      | IK0XIH     | K0ABC      | W9GG       |
| N9IO       | JK1BIB     | SV1XV      | JE4WOK     | K0CF       |            |
| NC7B       | JQ1PCX     | VR2MY      | JF1KML     | K4GN       | <b>160</b> |
| NX2X       | JQ1YIW     | WA9IVH     | JR1KBJ     | KE1B       | E70T       |
| SM0EUI     | K6JJ       |            | JR6LDE     | KO4PRE     | EA1WH      |
| W2PD       | K7CU       | <b>167</b> | K3VPZ      | KW4MM      | JA1ITJ     |
| W4DTA      | LA2GH      | JA8BOV     | KG4CUY     | LA1CO      | JA1UOA     |
| W7VAS      | LB7ZG      | JE3FOR     | KG5NP      | N0AMI      | JF3VEC     |
| WA7BNG     | N3WD       | KA5JSM     | LA2XPA     | N4KM       | JG2LGM     |
| WY7FD      | N4VN       | KB8NTY     | N1QY       | N7KDT      | JK1EBA     |
|            | N6EM       | KD3HN      | N2RJ       | N9LEO      | JK1NPH     |
| <b>172</b> | N8VV       | KE3X       | N3KS       | R3IS       | JM1JZN     |
| EI1DG      | NJ6W       | KH6XT      | PT2ND      | SM7CZL     | JR1CAD     |
| K5TA       | NX4TT      | N1ZJ       | RA0BA      | VA2LC      | K7LY       |
| KM4HQE     | VE1OP      | N4PL       | RL3BZ      | W1OK       | KC9K       |
| LZ1XL      | VE2YG      | N8JS       | VK3TC      | W1XV       | N0IW       |
| N3AO       | W0OGH      | N8OQ       | W2FS       | W4PGM      | N4MEC      |
| N5PA       | WA4USA     | N9ATF      | WB2WPM     | W8MIL      | N5WA       |
| N7GCO      | YO4AUL     | PT2ADM     | WB9PNU     | WB9B       | N8IL       |
| SP5ES      |            | PY2SEX     | WC4X       | XE2YWH     | NI5F       |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W1TO       | WB2RAJ     | NH6L       | <b>152</b> | IZ2MHT     | JF2AIJ     |
| W9FF       | WB9ZNZ     | NK7Z       | AC6BW      | JA7GZM     | JR3PKO     |
| YO8CRU     | WT2P       | NO9E       | AK9B       | JR7XOD     | K5LY       |
| ZS6RJ      |            | NU1T       | BX5AA      | K5HK       | KA3GWD     |
| <b>159</b> | <b>157</b> | OE1HHB     | DF2WF      | K8WHA      | KB8ZUN     |
| AA3AZ      | AB2E       | UT7EC      | DU1KT      | K9RT       | LZ1MDU     |
| CT1ESO     | E20YLM     | W5SV       | G4AFJ      | K9UWY      | NJ6K       |
| DD0VE      | EI2JD      | YB1AYO     | IK5BSC     | KI7M       | PY2CP      |
| DK8IZ      | GM4KHE     |            | K2EK       | KX5U       | VE6TL      |
| EA1P       | JA0NZR     | <b>154</b> | K4RDU      | N0TK       | W4AFB      |
| IK0WMJ     | JA1UBZ     | AC8TO      | KD2OV      | N6JOJ      | W4AG       |
| JA0ED      | JA3MHA     | AJ8B       | KE9S       | NM4SH      | W8VI       |
| JA4FKO     | JE3OUW     | DS5WQT     | N8IK       | ON6ZV      | W9GM       |
| JG1WNO     | JG1XBM     | IZ0FUW     | N9GKE      | SM0BSO     | W9MAK      |
| JH1BHW     | KN7Y       | JA0GZZ     | ON4LG      | VU2NXM     |            |
| K0IO       | N4QM       | JA1IHD     | R9JX       | W3KB       | <b>147</b> |
| K1EDG      | N6VH       | JA4HXF     | W6RFF      | W4IDX      | AB9KZ      |
| K4SAF      | N7JB       | JA8ANQ     | W7JET      | W4NE       | EI7GY      |
| K8EB       | N9AZZ      | JE6PJP     | YV4DYJ     | WL7OU      | G3VQO      |
| K9QJ       | N9MB       | JH1AQN     |            | ZS1C       | I4JEE      |
| LA8ZAA     | PY1NS      | JR3QHJ     | <b>151</b> |            | IS0/YO3RA  |
| N1MD       | W3HKK      | K5DXR      | DF1IR      | <b>149</b> | JJ0LZQ     |
| N4GBK      |            | KC1ERO     | DL4KUG     | 7N2JZT     | JK1OTP     |
| N4VG       | <b>156</b> | NE5W       | J68HZ      | DS4DRE     | K3GGN      |
| NE5S       | EA3HPX     | W4CIR      | JA2BUR     | ER0FEO     | K5UZ       |
| NF7D       | G4FTC      | W5TMC      | JE1COB     | JA0JPD     | K8MRT      |
| OH3DP      | GM3WIL     | W8TM       | JI3BFC     | JS6SCC     | KB1HY      |
| VA3NXM     | HB9HHH     | WA9MAG     | K1IG       | K2KIB      | KB9LIE     |
| W1EBM      | JA1CCG     | WN7J       | K1QN       | K2RET      | SV8RX      |
| WD5BJT     | JA2ODB     |            | K3GW       | K4TXJ      | VE3FAC     |
| XE1MW      | JA9RT      | <b>153</b> | K4DET      | K9EXY      | W3NRJ      |
|            | JH2AJY     | HB9BEM     | K7LAY      | KD4EE      |            |
| <b>158</b> | JL3DGI     | JA3UOQ     | K9AAA      | KM2E       | <b>146</b> |
| 9J2BS      | JM1LPN     | JH2NWP     | KE4BKL     | KP4DS      | AE5B       |
| G4SGX      | K2HT       | JR7MAZ     | KE8G       | N0STL      | EA4D       |
| IK1UGX     | KA9OKH     | K0YL       | KK4CLY     | NE0U       | HP3TA      |
| IK3DVY     | N5QZ       | K3GO       | N7MB       | NU4Y       | JA3KWZ     |
| IW0ECV     | N7RD       | K4OY       | NU4I       | NZ0O       | K6NR       |
| JJ1KXB     | W1MR       | K8ROK      | SM0NUE     | RT0F       | K8ARY      |
| K0SRL      |            | K9MMS      | VA3EJN     | TF3Y       | K8POM      |
| K4HQK      | <b>155</b> | K9YZ       | VA3HP      | UA9MC      | KB9AIT     |
| K8GWU      | 5P5Q       | KF9LI      | W3HER      | W1DAR      | KM8AM      |
| KB2XJ      | DK3QM      | KK4XL      | W5WLA      | W4MA       | N6FS       |
| KC3AK      | F6KOP      | LA2IR      | W6WA       | WA1EHK     | N6RK       |
| KF7NN      | G0THF      | M0MCV      | WA9JWL     | WF7T       | N9MR*      |
| KJ7NO      | IV3TDM     | N0VVV      | WC2C       |            | NJ1Q       |
| N0SL       | JA0EBV     | OH3FVP     |            | <b>148</b> | SM3DXC     |
| N4XMX      | JA6SUY     | SP5NON     | <b>150</b> | 4F3BZ      | TF4M       |
| N6MM       | K2DF       | W3DIY      | DK3BK      | A71AM      | WA2MUA     |
| N8TFD      | K4EZY      | W8OM       | DK3FB      | AE0MO      | WA3SKQ     |
| W0JMP      | K4WM       | W8VK       | DL9SAD     | AI6P       | WW8RT      |
| W8LIG      | KM2O       | WB4SON     | IT9ABN     | F5NNN      | XE2B       |
|            | M0IFT      |            | IW7EDZ     | IW5EIJ     | YB1BML     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| ZS6UT      | LB2TG      | K6EV       | OE6BME     | AB4FH      | XE2AD      |
| <b>145</b> | N2YBB      | K6GCN      | PV8ABC     | F6FHZ      | <b>133</b> |
| 5T5PA      | N4UP       | K7VC       | V31CQ      | GM5YTT     | 7J1ABD     |
| AA5TL      | N7ZA       | K7YMG      | VE3MSC     | HZ1GW      | DL8OH      |
| AC7JM      | TG9AJR     | LA8PDA     | W0UHL      | JA1DCK     | G4NBS      |
| AL7TC      | W4JVN      | LZ2HM      | W4DWS      | JA3MIO     | GM1BSG     |
| DL1MEV     | W4UFO      | N5JED      | W4EJG      | JA7MWC     | HB0WR      |
| EA4S       | W7VS       | N7TW       | WA1LAD     | JJ1HLL     | HK4EB      |
| EA7LS      | WY0V       | NR0Q       | WA5POK     | JL2ULM     | JA5IBP     |
| F1OBJ      | <b>142</b> | NS0D       | <b>137</b> | K3HPA      | JM1JIV     |
| JH1CTV     | AA4DD      | VE3NJC     | DL2RD      | K3WGR      | K6ME       |
| JJ1OKK     | JA1PUK     | W5VU       | G3PSM      | K4OP       | KC2STA     |
| K5FXB      | JJ1UHZ     | W9BS       | HL1MKT     | KC3RKW     | KG6WIK     |
| KQ5M       | K2CJ       | WB1ASL     | JH1SBE     | KC9WPS     | KI4TZ      |
| KS0M       | K3GT       | WW6G       | K2CDJ      | NX8Y       | KR4DA      |
| N6KK       | K9UO       | YB3MM      | K2RKJ      | S53MJ      | LA9KY      |
| NS4X       | KA6BIM     | <b>139</b> | K6IRA      | W5IO       | N1BKB      |
| W3DQS      | KV7N       | F5VML      | KP4N       | W7QHE      | NT9F       |
| W7NP       | LA1J       | HB9ARK     | N9NFT      | WA7HR      | OH4KRN     |
| WR7Q       | W8WV       | HB9DTE     | NI4Y       | WB1DX      | OH7HM      |
| <b>144</b> | <b>141</b> | HL4CBX     | OE3JAG     | WB3AVD     | VU2ABS     |
| AD0TR      | 7K3QPL     | K0QB       | PY3OG      | WB6FWS     | W1GY       |
| DL6DCD     | 9H1AE      | K2WJ       | SM5CSS     | WB9IWN     | W3MF       |
| GM0VIT     | EA1T       | K9TRV      | SP3EPG     | WO5I       | W6OUL      |
| K1TKL      | EI3ISB     | KX4I       | TA1AL      | <b>134</b> | W9SE       |
| K7QBO      | HB9EXQ     | N0CKC      | W2GGY      | AB0RX      | WA6MRK     |
| K8OS       | IZ3XEF     | N2SG       | W4UEF      | DL4ZAB     | WB1S       |
| N5UE       | K2JK       | N7UJJ      | W9MR       | EA6AZ      | YO3GJC     |
| RN0C       | K4RM       | PY2OP      | WA0WOF     | IZ8DEO     | <b>132</b> |
| TF5B       | K5VG       | R9MJ       | WA5YOM     | JA5SEY     | AA4FU      |
| UY2UZ      | K8RCT      | TA1PB      | WG0G       | JA6GXP     | AK3E       |
| W0AIH*     | K9AAN      | ZL3TE      | WS1F       | JR0GXA     | AK6I       |
| WB9W       | KA5SYP     | <b>138</b> | YB2IQ      | JR1HYA     | I8NLC      |
| WX3P       | KA5VFU     | AC5AA      | <b>136</b> | K3KY       | IK8OZV     |
| <b>143</b> | KE7BMG     | DL5KUT     | AC9GK      | K7FL       | IZ0COI     |
| AA4MM      | KO4DKI     | DL5ZB      | DM5JBN     | K7RAN      | JA9KRO     |
| AF3X       | NZ6N       | G0FWX      | G0OSK      | K7YZO      | K4BNF      |
| EI7JZ      | SV2JU      | JA0CVC     | IS0EBO     | K9JDP      | K5SES      |
| FM5DN      | W1ITU      | JA1VRY     | NT5EE      | K9SUH      | KB8KIM     |
| HB9AAA     | W1NA       | K2YSY      | ON5GF      | KA9JCP     | KD3UY      |
| JA1MOD     | W3IZ       | K6CW       | ON5RKN     | KD2SC      | KG8OU      |
| JF2RSF     | W5GOL      | K9BO       | VE3FRR     | KF5WCP     | KI7HO      |
| K2OO       | W6HDG      | KC9G       | W0ANZ      | KN4OK      | KK5ID      |
| K6LPO      | WK9U       | KF6A       | W4GH       | LB5GI      | M3DFW      |
| K9BQL      | <b>140</b> | KL7NW      | W4PV       | N1AH       | N3TR       |
| KE4FW      | AD9DX      | KU9S       | W7KKC      | N2TC       | N4EDT      |
| KG6D       | EI6JK      | N0LD       | W7SX       | N6XT       | N4QOG      |
| KJ2U       | K0UBR      | N3PV       | WX2K       | NC6RJ      | NN3V       |
| KJ4R       | K4AU       | N5RN       | <b>135</b> | PA0QRB     | ON6YH      |
| KN7K       | K5GZR      | N9BVA      | AA5H       | SM3WMU     | SM7DXQ     |
|            |            | OD5YA      |            | W2KNG      | UW7UA      |
|            |            |            |            | W4UAT      |            |

|            |            |            |            |            |            |
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| VU3WEW     | JA3WMS     | I2YPY      | VK2DAG     | KV8P       | IU4BJC     |
| W3KHZ      | JH1RFM     | JA0BES     | VR2VGM     | N0YO       | JA9ALR     |
| W4MC       | JN1SUT     | JE2VYM     | W7FI       | N4LSJ      | K0HQW      |
| W5FL       | K7ORK      | JG1LRE     | W9COS      | N5VBK      | K1AJ       |
| WA1HXX     | KB4KBS     | JG5DHX     | XE3E       | NT4K       | K3DQB      |
| WA1KXV     | KN4WOJ     | JH1HRJ     |            | W0DD       | K4VAC      |
| ZS1EL      | N9AVC      | J11MNT     | <b>125</b> | W6ELI      | K9KJ       |
| <b>131</b> | SM2YIP     | JR1LZK     | AC4XO      | W6ND       | KB4ET      |
| EI5GM      | VK5CE      | K2GW       | AF8C       | W8PAT      | KN9N       |
| JH1IY      | W7TG       | K7LFY      | EI8GS      | WW5L       | N1ZZ       |
| JK8VMB     | WU7X       | KF3N       | G4EHT      | ZL3REX     | N4GRC      |
| JM1CMA     | XE1ILI     | KS8W       | IK8PGE     |            | N9ATD      |
| K0ARM      | <b>128</b> | LA2LI      | IZ8EYN     | <b>123</b> | UT9LC      |
| K7GA       | A71XX      | N0AB       | JP1GVC     | AB4BJ      | W1ES       |
| KA5IAU     | EA1AHA     | N0DL       | K0MD       | AB9BH      | W1HEO      |
| KB3IFH     | EA3NG      | N1BZ       | K5NOF      | AE5FM      | W1KKG      |
| KD2NF      | EI3IO      | N3GTG      | K9ARZ      | AI5EG      | W5HNK      |
| N0AKC      | F4GTB      | NA1RL      | KK5J       | DJ6OZ      | W6HB       |
| NG4DX      | HL2DBP     | ON5EQ      | KK7BR      | DS4DBF     | WF5I       |
| NN6K       | JA6NQT     | VE3EDY     | NA7RH      | G6NHU      | XE2MX      |
| VE3NKS     | JH1AWJ     | VU2TMP     | NN6CH      | IK0XKP     |            |
| W5EC       | K6OJ       | W0MF       | SM5AFU     | IZ8LMA     | <b>121</b> |
|            | K7PTC      | W3KN       | TF3MH      | JA1GLE     | 5H8HZ      |
| <b>130</b> | K9YKL      | W4BH       | W0XE       | JA2HOL     | AK0A       |
| AA4QE      | KC2WUF     | WA2BOT     | W3ATV      | JH1RVQ     | DL7UGO     |
| DL1SWN     | KD5R       | WB2KSP     | W4AO       | JL3RNZ     | DS4OMS     |
| JA2LMY     | KG2U       | WB9TFH     | W5CWQ      | K2JGL      | HA2EQD     |
| JF2OHQ     | N0JR       | WC2L       | W6PG       | KC2THY     | IK6BMU     |
| JH3PRR     | N5EI       | <b>126</b> | WA4TMJ     | KD0KZE     | JA1CPN     |
| JL4BSE     | R3BB       | CU7AJ      | WM4AA      | KG4OJT     | JA1EYN     |
| K2MHE      | UR9IDX     | DS3EXT     | WR2G       | LA2XNA     | JA1WTO     |
| KI0HA      | W0QD       | EI4HH      | <b>124</b> | LX2SM      | JE2DOD     |
| KN4JX      | W5MF       | IK4TVP     | 7L3SQL     | N1GFV      | J15WDC     |
| N2YF       | W6IS       | IU8GNY     | DJ3EJ      | N6DVR      | K1LTJ      |
| N5JEY      | W8BI       | JA5CDL     | EC4KW      | N9RE       | K3CWF      |
| N7TM       | W9EBO      | JA5XPD     | EI8IQ      | OH3TY      | K9MQ       |
| NS4F       | W9TO       | JH4GXE     | G4RGK      | PY2ADR     | KK4ODQ     |
| OZ6TL      | WA4UWD     | K2GLS      | IT9YOZ     | SV7CUD     | KU2A       |
| PU4MMZ     | WC4V       | K5KDX      | IZ0FYW     | VE3VHH     | N3ER       |
| W1MO       | WP4CQ      | K5WRE      | IZ1UKF     | W2ARP      | N5ZY       |
| W2FDM      | WQ1H       | K7PO       | IZ5BYJ     | W2WGK      | NA2R       |
| W9CTJ      | ZS6AKU     | K8GT       | JA3AOP     | W4UT       | NA4MM      |
| WB8RFB     | <b>127</b> | K9QA       | J11DMH     | WB8TGY     | NY4G       |
| YO8PS      | 7Z1HL      | KC5RR      | K3SUI      | YB9WZJ     | OZ6EI      |
| <b>129</b> | AG4TO      | KK4CB      | K6VVK      | ZS6NK      | PP2FN      |
| AD6KQ      | DJ5DT      | KM4CQG     | K7HC       | <b>122</b> | TA1L       |
| AE7U       | DL9GTB     | KS4WA      | KB8DID     | AA0BH      | UA0FDX     |
| DS4EJA     | EA4TX      | N1GNB      | KC2NJ      | AA5B       | UR5FLN     |
| JA0AVS     | G8BCG      | N5HC       | KC4AA      | AB5YI      | W3/NH7C    |
| JA1PLT     | HB9TJG     | N8YQX      | KD9ZR      | DB4RG      | W3JXP      |
| JA2ACI     | HK6K       | N9XG       | KE8NOA     | G0HSA      | W4CC       |
|            |            | VE3TMG     | KK4TKJ     | HC1HN      | W4KCM      |
|            |            |            |            |            | W5UQ       |

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| W7PC       | SV1BYI     | KZ1X       | K5TU       | EI2FG      | K8CJY      |
| W9MB       | SV2KF      | N8AGU      | K8CR       | F5EOT      | K9KDS      |
| WA7HQD     | VK7AP      | VE7NY      | KB4CRT     | F8GB       | KH6P       |
| WB7BBQ     | W1ZK       | W3LWH      | KB7V       | G0UII      | N0OK       |
| WQ8T       | W3MRL      | W4ARK      | KG4URP     | G4NAQ      | N8AID      |
| WT3Q       | W6ZPL      | W4PG       | MM1PTT     | G4YCS      | NQ4A       |
| WU9D       | W8EOG      | WB9WHQ     | N7PIB      | HB9GZE     | NZ7Q       |
|            | ZL2AO      | YO6HOY     | NE1RD      | JA2CPD     | S51DV      |
| <b>120</b> |            |            | NG0G       | JA4CSJ     | SP2LLP     |
| AA2T       | <b>118</b> | <b>116</b> | NW6V       | JF1AZQ     | W1USN      |
| AC4TO      | 6K5AQY     | 6K2ILX     | OE5MPL     | JG0HEW     | W3WN       |
| AE5LK      | AE1T       | AA0FT      | SP5BMU     | JH1GNU     | W4LLP      |
| AI2S       | AJ6X       | EA5GXI     | W3UNX      | K1JKR      | W5GCX      |
| CT7ABD     | DJ9KM      | EI4BZ      | W4OV       | K2KNB      | WB2UFF     |
| CU2CE      | IZ0RPS     | G8GHD      | W5WS       | K4JDJ      | WD8LTM     |
| DS3DNT     | IZ1JIZ     | IZ2CSX     | WB4MM      | K4JLD      | WF4W       |
| DS5QLJ     | JA6CMQ     | JA2KPW     | WJ5K       | K4TR       | WJ1B       |
| F5AQB      | K9GWH      | JT1CO      | WS4H       | K7BWC      | WN1M       |
| IK8IPL     | K9KJS      | JT1DN      |            | K7MO       | ZL3PAH     |
| IT9JPS     | KA9JAC     | K1EO       | <b>114</b> | K9DUR      |            |
| JA1DCO     | KB3KJ      | K4GHS      | G3CWW      | KA5OWI     | <b>111</b> |
| JH5OTE     | KD9BIE     | K4LCP      | HC1HC      | KB1OIQ     | AD7XG      |
| JJ1XVA     | KG5VK      | K8JRK      | I0BJV      | KB2TGU     | AJ6V       |
| K3QB       | KM6WXB     | K8MN       | JA1CCH     | KC0V       | AK4N       |
| K9CHP      | KX6C       | KC1RET     | JA1CPU     | LU3JVO     | EI9CN      |
| KJ6Y       | KY6AA      | KD5RBU     | JA8EIA     | M0NGN      | F8DZY      |
| LU3XX      | LZ1XZ      | KQ5S       | JA8WGX     | NA9L       | G4ZWY      |
| N0TR       | N3HYB      | N0ATQ      | JG4OOU     | S52R       | HB9ECS     |
| N1TQP      | N8KUS      | N0UCR      | JM3XZC     | SV2DSJ     | JA4DLF     |
| N2SO       | VR2CC      | N2ZL       | JR4DHK     | VA3AYA     | JA5EEU     |
| N3DV       | W4VG       | N4KEB      | K1RE       | VK7ZE      | JE1TNL     |
| N3GS       | WA7ZXD     | N6DW       | K2IRM      | W1FC       | K2KYH      |
| N4UFP      | WA8RCK     | OE6CLD     | K3PL       | W3JM       | K5NV*      |
| NJ8G       | WB5TOI     | RW6MBC     | KB1W       | W6BBS      | K8ZEE      |
| NR2D       | ZS2I       | SM1NJC     | KI8AE      | W7CD       | K9JIG      |
| VE3QAA     |            | VR2IL      | N3DD       | WB9YJE     | KI2Y       |
| VR2ZXP     | <b>117</b> | VY2RU      | NA1DX      |            | KM5VI      |
| VU3RGB     | AD7L       | W0LGQ      | NG8T       | <b>112</b> | N4NYY      |
| W1RG       | CE3FZ      | W1HQ       | NK5K       | 3C3CA      | NT5O       |
| W5RYA      | F8EZE      | W7WES      | W0QKL      | 7Z1CQ      | PT7CB      |
| W6GJB      | HB9MZI     | W9LU       | W2ZK       | DL5FAC     | TA1UT      |
| WT5L       | IS0BZR     | WA4VJK     | W8LR       | G0DTX      | TA2RC      |
| YB0AZ      | IZ7QFN     | WW5RC      | WD0AJG     | G3YFE      | TA7AZC     |
|            | JA9KA      |            | WN0L       | GM0SCA     | W7WT       |
| <b>119</b> | JM3GXU     | <b>115</b> | WT9U       | IK4EWN     | W8PE       |
| DL2VWR     | K0FF       | AA9WO      | XE1EE      | IS0BQE     | WB8PKK     |
| F5BAR      | K4AEH      | AF7WM      | YB2BNN     | JA4RED     | WU4B       |
| HL2MHU     | K9LCR      | E74A       | ZS4JAN     | JF3AHI     | XE1ZTW     |
| JA6JYM     | KA4AHU     | HL4RBR     |            | JH0LME     |            |
| K7LOL      | KB2S       | IW2FLB     | <b>113</b> | K0XM       | <b>110</b> |
| LU9DO      | KB5CSQ     | JA0NPQ     | AB1NS      | K4HEB      | AC0B       |
| N8LCU      | KO4PY      | JH8LEY     | DL2DCX     | K4ZMV      | AG5Z       |
| ON8PHD     | KP4ED      | JJ2VLY     | EA5DPL     | K4ZRJ      | CT7ANG     |

|            |            |            |            |            |            |
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| DK4MX      | M0AQM      | TF1A       | ZP6CW      | <b>105</b> | FM5FJ      |
| EA1BLA     | N4LS       | VE7VV      |            | AA2F       | G0DRM      |
| EI9HX      | N4WD       | W4DVG      | <b>106</b> | AI1W       | GW0ANA     |
| G4VWI      | N6RVI      | W6CN       | AB6WQ      | AP2IA      | HA5DI      |
| G6MXL      | NN8L       | W7SMW      | AC7DX      | DL9GTK     | HB9BMY     |
| HB9BEP     | NW6R       | WB5ZAM     | AC8IL      | E29TGW     | JA1CC      |
| HG6IA      | NX1P       | WC4B       | DS2GOO     | EI6GF      | JA1DHY     |
| IZ1EPM     | NZ3M       |            | DS5MNO     | G3LOJ      | JA1RBY     |
| JF3KOA     | PF7M       | <b>107</b> | EA3AGY     | GM1TBW     | JH1MYJ     |
| JH1FRW     | PV8DX      | AB7RW      | EW4DX      | HL4GHT     | JI4HKA     |
| JR2PAU     | SP7ASZ     | BG8PA      | F5VIF      | JA1JYS     | JQ2MPJ     |
| K3MSB      | T88UW      | DJ5FZ      | F6JSZ      | JE6UWU     | K0BRO      |
| K4KAL      | W3GP       | DK2GP      | G0OJG      | JJ2BLV     | K1TWF      |
| K4RP       | W4JDS      | E73D       | G0RPM      | JK1AIA     | K2CQW      |
| K6DJ       | W5SG       | EA2BFM     | G3LPS      | JK1AKA     | K4WW       |
| K6SLO      | W7CB       | EI5GSB     | G4FVZ      | K0MB       | K5JUC      |
| K9TVG      | W7VP       | IC8XIL     | HI7SB      | K1ETA      | K7UW       |
| KF8PD      | WA6URY     | IW1PVT     | IZ4IRO     | K5WE       | K8WVA      |
| KN6HIP     |            | JA3MAT     | JA3FRI     | K7CMZ      | KE4YOG     |
| KV3W       | <b>108</b> | JE1CTA     | JF7NNI     | K8FB       | KE9V       |
| N1TQ       | 7M4CLF     | K0FJ       | JJ1IRS     | KJ8N       | N1FOJ      |
| N3YZ       | AC8MR      | K2FJ       | K6VWE      | KK4MA      | N3PW       |
| PV8AJ      | AC9DX      | K2ZD       | KA1CTL     | KZ4EX      | N4PAJ      |
| TF8GX      | DB9CR      | K4LQ       | KA9TOX     | LA9JKA     | N4ZR       |
| W1ZZ       | DL1TPY     | K6DLB      | KD2RUY     | LZ1JZ      | N8TEM      |
| W5JE       | DL2AMD     | K7UWR      | KI4NSP     | N2YU       | N8WXQ      |
| W6TCP      | DL2NAI     | KA4LBD     | KM8V       | N9APK      | NA8W       |
| W7YED      | DM5TI      | KB0EL      | KT5V       | N9IXD      | OM6CI      |
| W8TE       | DU1IVT     | KF2G       | M0PCB      | NC1M       | OZ9U       |
| W9GFB      | E70X       | KF6XA      | N4DJT      | NK7L       | PY2YW      |
| W9JJ       | EA5XV      | KI0KN      | N6UOZ      | OH6IH      | R6TY       |
| YB1SKR     | G5CL       | KJ4FZ      | N7MW       | PV8RR      | RV4LC      |
| YO5QAW     | IK1RKN     | KR4U       | N8OYY      | VU2DED     | VE3ZN      |
| ZS5LEE     | JA2DCN     | LU5OM      | N9ZJ       | W1MRH      | VK3MB      |
|            | JA2KGQ     | N0MHL      | NG4C       | W1PY       | W0VU       |
| <b>109</b> | JH1OVY     | N1UZ       | NI7F       | WB8LEM     | W5PD       |
| AA4RX      | JR4NUN     | NC7M       | NS7K       | WD4OHD     | W9GXR      |
| AC8AZ      | K1FUG      | NI8Z       | PT2DF      | WK3A       | WB4HMA     |
| AF3K       | K3XO       | OV2B       | PY2OC      | WZ9B       | WB7QXU     |
| DL9QJ      | K8LBT      | PP5VA      | UA0ABB     | YU1LD      | WF8Z       |
| F5DBT      | KC8YG      | RM6LW      | VE3BHZ     | YV4EH      | WX0B       |
| F8DHE      | KE3ZT      | SV3EXP     | VE3XK      |            | YB1BUL     |
| G0MMI      | KE7AUB     | TA1CQ      | VU2MB      | <b>104</b> | YO6HSU     |
| JA1QEY     | KI4SFT     | UX5XK      | W0TLX      | 7N4OBV     | ZS6HON     |
| JA5GOJ     | KJ2AM      | V31MD      | W4/KL7GLL  | AA2WC      |            |
| JA9IWR     | KJ4SKO     | VA2GA      | W6KF       | AA6XV      | <b>103</b> |
| JH4GNE     | KO4XI      | W5HY       | W7GB       | AB5GU      | AF8P       |
| JI1ZS      | KW1X       | W8JA       | WA3IIA     | CT3DZ      | DS5JMG     |
| K0FD       | LU2AH      | WB2BXO     | WA8Y       | DD8BA      | EA2RY      |
| K4AEN      | N2IFA      | WB2MKX     | WV4E       | EA4EJP     | EI9GLB     |
| K6JAD      | N5FPW      | WM4W       | ZL3RIK     | EI3HA      | FM4LV      |
| KB3Z       | N5TW       | WS7I       |            | EI4GNB     | HB0RER     |
| KB7DT      | N7TP       | WU1U       |            | F6ARS      | JA7HYE     |

|            |            |            |        |        |        |
|------------|------------|------------|--------|--------|--------|
| JF1KIG     | N2FY       | KB5YN      | DC1TK  | KF5TL  | WA2VJL |
| J11FXS     | N4IR       | KC3OPI     | DK1MCS | KF9EX  | WA3UTC |
| JP1KHY     | N8KOJ      | KC4ZA      | DK7GH  | KG4IYS | WA3YZD |
| K0OOK      | NA4D       | KE9UA      | DL3ANK | KI0G   | WA6VZN |
| K1FBI      | NN5O       | KJ5RC      | DL5JH  | KI3O   | WB0RXQ |
| K2RNY      | R9GM       | KU4A       | DS4GQR | KI4PG  | WB2ZEX |
| K3PIN      | S51MA      | LA3ANA     | EA5PS  | KK6MF  | WB6RAB |
| K3TXW      | SM0XG      | M0PTZ      | EI2HZB | KL2R   | WB6RJH |
| K4NI       | US8ZAL     | M5LRO      | EI4DQ  | KL7XO  | WD1M   |
| K4PWS      | VK2GR      | N3CAL      | EI4GJB | KR4Q   | WD4GZW |
| K4SAW      | W1GF       | N4PF       | EW4A   | LA4EI  | WI0E   |
| K6XJ       | W4GHW      | N8ERL      | F5JWH  | M1EMC  | WK7W   |
| K7HV       | W7FS       | NC8I       | G0GFC  | N0JX   | WM4D   |
| K9WMS      | W7HJ       | NJ2X       | G8GFF  | N0KM   | WM9Q   |
| KA7CVJ     | W7IMU      | NZ1I       | GW0KRL | N0VTZ  | WU1T   |
| KP4DDY     | W9GWP      | OZ5JQ      | HB9HFM | N1KI   | YB6LAY |
| KQ6K       | WB4PWZ     | PA3AIN     | IK7NXU | N3NVA  | YE1AR  |
| M0UPL      | WB7QBS     | R2ARR      | JA7PKV | N4GOA  | ZS6CR  |
| N1MIE      | WD6T       | RZ6MJ      | JE7KCI | N5CR   |        |
| NB3R       | WD9IOK     | SV2BXA     | JG3LDD | N5LJL  |        |
| NI5G       | WN9A       | SV4FFL     | JG5VFK | N5LKE  |        |
| RX3BP      | XE1SAX     | TG9AKH     | JN1RFY | N7WFK  |        |
| VE7XT      | YB0EIN     | UA4PK      | JR4VEV | N7WR   |        |
| W0PPA      | YB9AY      | VK4BUI     | K0JDD  | N8HM   |        |
| W2SUB      | YO6BHN     | VU2OT      | K1HC   | N8URE  |        |
| W4CU       | ZS2ACP     | W0ZX       | K1JX   | N8XS   |        |
| W7KHZ      |            | W2FDJ      | K1PTF  | N9MKC  |        |
| W7UV       | <b>101</b> | W2GHD      | K1XO   | ND0B   |        |
| W8EH       | AA9D       | W3RMS      | K2UF   | NE3K   |        |
| WA8KNE     | AB2NI      | W3SW       | K2UT   | NX6D   |        |
| WC9C       | AB4EJ      | W4PM       | K3NO   | OM2AGN |        |
| YB1ALL     | AB8YZ      | W6OU       | K3RRR  | OR4K   |        |
| ZL1IM      | C31MF      | WB5KSD     | K3WSU  | OZ1GCT |        |
|            | DD9WG      | WM5H       | K4GM   | OZ9GA  |        |
| <b>102</b> | DL3XAC     | WU6K       | K4KYN  | PY5VC  |        |
| 4X1VF      | EA4UV      | WX7B       | K4QS   | R2AB   |        |
| 5W1SA      | EA8TZ      | XE1AO      | K4RSA  | UR8IDX |        |
| AC0XY      | G3VDB      | YB8HZ      | K5KEW  | VA2EU  |        |
| DB2WD      | G4GEE      | YO2OXD     | K5LLA  | VE1JF  |        |
| DL4FDM     | G4PUQ      |            | K5MMH  | VE3KKB |        |
| IC8SQS     | G8GNI      | <b>100</b> | K5PSN  | VR2PX  |        |
| IZ7QSS     | HB9PUE     | 2E0XAR     | K5VSD  | VU2OY  |        |
| JH1IHG     | IK2HLM     | 9M8DEN     | K5YE   | W0RMS  |        |
| K1MDA      | JA1KZP     | A41ZZ      | K7VL   | W1MJC  |        |
| K2DH       | JA5ALE     | A71EM      | K9EA   | W2MW   |        |
| K2DW       | JA5JUG     | AA7UN      | KA2F   | W4CG   |        |
| K4HR       | JK3NSD     | AC0DH      | KA4H   | W4DFU  |        |
| K6BLG      | K0GEO      | AD4J       | KB4DSL | W4YR   |        |
| K6JAV      | K3AXB      | AE4VJ      | KB6IGK | W5YKU  |        |
| KA8HDE     | K3LA       | AF9W       | KC5N   | W6OZI  |        |
| KB1AWM     | K5HX       | AK1P       | KD1DT  | W9KM   |        |
| KO3F       | K8PGJ      | AK4AO      | KE1IU  | W9ZT   |        |
| N2CJN      | K9GL       | DB6VH      | KF5MDZ | WA2ALY |        |