

## 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>JA2KVD<br>JA6BZI<br>K6YRA<br>N4AH<br>PY2BW<br>PY2SP<br>SM5CEU<br>SM6CVX<br>UT5UGR<br>W0DJC<br>W9RPM                    | 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>PY5EG<br>PY5HOT<br>SP3E<br>VE3FF<br>W5OZI<br>W8UVZ<br>YO5BRZ |
| <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>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>JA4DLP<br>JG3QZN<br>JL1UXH<br>K0IEA<br>K1OA<br>N2LT<br>NJ6P<br>UA4HBW<br>UT7QF<br>W4DKS | AD5A<br>DF2RG<br>DJ9HX<br>EY8MM<br>F6BKI<br>IK8HJC<br>JE2URF<br>JH1RFR<br>K4MWB<br>KD5M<br>LA5IIA<br>LZ2DF<br>PY5EG<br>PY5HOT<br>SP3E<br>VE3FF<br>W5OZI<br>W8UVZ<br>YO5BRZ                                    |
| <b>346</b><br>N1DG<br>SM3EVR<br>W9ZR                                              |                                                                                                                                                 | <b>336</b><br>G0JHC<br>JA1WPX<br>JA2JPA<br>JA5AUC<br>JH4UYB<br>K2FF<br>K4XP<br>N3XX<br>N5ZM<br>PE5T<br>W0MHK<br>W1YY<br>WD5COV |                                                                                                                                                                                               |                                                                                                                                                                                             | <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>JI4POR<br>K3WC<br>K4CN                                                                 |
| <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>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                                                                      |                                                                                                                                |                                                                                                                                                                                               |                                                                                                                                                                                             |                                                                                                                                                                                                               |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K4ZYU      | DL2OE      | R5AJ       | F5PAC      | <b>320</b> | RW3RN      |
| K9CT       | EA1YO      | SM4EMO     | IK4GME     | AA8CH      | SP1MGM     |
| N4JF       | EA5BM      | SM6CCO     | IK8YTA     | CT4NH      | VE3LYC     |
| N8JV       | I4EWH      | SM6CMU     | JA4FKX     | DM5EE      |            |
| N9IW       | JE2LUN     | SP1S       | JJ2LPV     | G0BLB      | <b>317</b> |
| NR1R       | JH0INP     | SV8CS      | K2UO       | I2EOW      | AB9V       |
| OK1MP*     | JH1TWT     | W1RM       | K6FG       | JA3PIS     | DJ5FI      |
| RA3CQ      | JJ8DGO     | W3LL       | K7NN       | JO7WXN     | DK2NG      |
| SP7GAQ     | K0DEQ      | W6RLL      | KA9CFD     | K1LD       | DL5WW      |
| W3NO       | KW9A       | W9OP       | KU0A       | K4EM       | HB9HFN     |
| W4UM       | N2BJ       |            | N4DW       | N4II       | JA2IVK     |
| YU1FW      | N6JV       | <b>324</b> | N4NX       | UY5ZZ      | K2RW       |
|            | PY2YP      | DK9KX      | OE1WEU     | VE3EXY     | K6YUI      |
| <b>329</b> | RZ3AM      | DL5DSM     | OH1LEU     | W3KX       | K9MM       |
| GM3POI     | SM2GCQ     | FK8CP      | ON4CD      | W5WT       | KE9L       |
| IT9DAA     | SM5CZQ     | G0DQS      | PA3EWP     | W6XA       | UX1UA      |
| IV3JVJ     | SP6M       | G4CCZ      | R7DX       | YV1DIG     | W6VX       |
| JA2JW      | SV1RK      | I0WDX      | SM5KNV     |            | WD0DAN     |
| JA7KY      | YO9HP      | IK5PWQ     | UA4CC      | <b>319</b> | WX4G       |
| JA7MSQ     |            | JA2BDR     | VE1DX      | DJ4AX      |            |
| JH1GZE     | <b>326</b> | JA2DPC     | W5CIA      | DK1FW      | <b>316</b> |
| K0EU       | EA5BY      | JJ3PRT     | W5TCX      | EA8AKN     | DF2UU      |
| K1HTV      | JA9APS     | JR2LJO     | W8A        | HB0CC      | G0OIL      |
| N5AW       | JE1SYN     | JR3OEH     |            | IK4DRR     | IK2QPR     |
| NI0G       | JF1WPB     | K5KC       | <b>321</b> | JA9TWN     | IW1ARB     |
| NO8D       | JF3KON     | K9YY       | AA4V*      | JJ1DHY     | JA5XAE     |
| OZ1CTK     | K5EK       | N1NK       | AD1C       | JR7VHZ     | JA8EAT     |
| R4GM       | K8PT       | N8BM*      | G3TXF      | K5MC       | K1BD       |
| SP6CIK     | LU2NI      | OE8HIK     | HB9BIN     | K6AM       | K3WA       |
| SP8NR      | N3NT       | R3OK       | IK2YCW     | N4DB       | K4HB       |
| W5XX       | N7RT       | VE2TZZ     | JA0GJJ     | N4QS       | K8YTO      |
| WA1JMP     | NK1K       | W8OI       | JA1XEC     | ON4AOI     | KG8P       |
|            | OZ1AXG     | W9OL       | JA3AZD     | UA3AP      | KQ8M       |
| <b>328</b> | SP5DIR     | WB4TDH     | JH1IFS     | YO3APJ     | N5DG       |
| AA5AU      | W8DCH      |            | JH3CUL     |            | RV3LO      |
| DL7MAE     | WP4U       | <b>323</b> | JH3VNC     | <b>318</b> | SP1JRF     |
| IZ5EKV     |            | EA3GP      | JH4ADV     | A45XR      | UA3DPM     |
| JA1SJV     | <b>325</b> | GM0GAV     | K2VV       | AA4HP      | W1GL       |
| JH2FXK     | EU7A       | JF1KKV     | KV7K       | DL6KR      | W7MO       |
| JJ2KXK     | HB9DHK     | JL1RUC     | KX4R       | G4PWA      | W9ILY      |
| K4QL       | I5NPH      | KF0QR      | LA7HJA     | JA1ANR     | WA2VYA     |
| RU3FM      | IZ0AEG     | N5TY*      | N4PQX      | JA2JNA     | YB5QZ      |
| SL0ZG      | JA2FJP     | N8RR       | N5XZ       | JA4EPE     | YO7LCB     |
| SP9DWT     | JA5WIZ     | NY0V       | OE6MDF     | JH4JNG     | YS1RR      |
| W1ECT      | JF1PUW     | OH2BLD     | OE8RT      | K2TE       | YU3AA      |
| W2IRT      | JF7XKY     | SM6DHF     | SM6DHU     | K4IQJ      |            |
| W5FKX      | JH8RZJ     | UA3AB      | SP7VC      | K5BG       | <b>315</b> |
|            | JR3GWZ     | UT9FJ      | SV1FJA     | K5DU       | 9H1SP      |
| <b>327</b> | JS2LHI     | W7AO       | UT7UJ      | LA2PA      | AA5AT      |
| AB4IQ      | K9EU       |            | W4FC       | NE1B       | AB3CV      |
| CT1APE     | K9IR       | <b>322</b> | W8GC       | PY5EW      | AB6QM      |
| CT1IUA     | OE2LCM     | CT1BH      |            | R3VA       | G3VKW      |
| DK5WL      | ON4IQ      | EA2IA      |            | RA7A       | HK3W       |

|            |            |            |            |            |            |
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| IZ1LBG     | JA7QVI     | JF8QNF     | NQ1K       | <b>305</b> | <b>302</b> |
| JA8RJE     | JF2UPM     | JG3FEA     | R7NW       | DJ4XA      | DJ5JH      |
| JA9CWJ     | JG3LGD     | K0KX       | SP9JZU     | JA1IOA     | F5CQ       |
| JN3SAC     | JH1NYM     | K5XI       | UR5EDX     | JA1WSK     | G3SVD      |
| JR2BJE     | JR1BAS     | K6RO       | VA5DX      | JA7BWT     | HL2IFR     |
| K8NVR      | JR1BLX     | K8AC       | VU2NKS     | JE6TSP     | JE8CLT     |
| N5OK       | JS3CTQ     | K8FL       | W1YM       | JH7RXU     | K4MS       |
| OE3EVA     | K4SO       | KC7V       | W2QO       | K0JUH      | OH8LXT     |
| ON4IZ      | K6KLY      | LA9AJA     | W5ADD      | K3XA       | PY7DJ      |
| PY2NQ      | K9US       | NS6C       | W6ENZ      | K9NW       | R5DT       |
| SM3VAC     | LA7JO      | RA0FF      | W9MU       | KG4W       | RK4FD      |
| SV2DGH     | LB8DC      | RL9F       | WA8WV      | N9AU*      | W0VX       |
| WA7NB      | N2NL       | SM2OAN     |            | PA5TT      | W4QN       |
|            | N4TL       | SP6HEQ     | <b>307</b> | RA9CMO     | W5VY       |
| <b>314</b> | N8KOL      | W0YG       | A65BR      | SM3NXS     | WD4LBR     |
| AC4G       | SP3CGK     | W4BP       | DK2JX      | YB1UUN     |            |
| CT1DKS     | W9RN       | ZS1LS      | F2JD       |            | <b>301</b> |
| DL6CNG     | ZS6EZ      |            | HB9TKS     | <b>304</b> | AE5E       |
| EA1N       |            | <b>309</b> | I5HOR      | DJ9ON      | AJ6T       |
| EA6VQ      | <b>312</b> | JA1EOD     | JA2XW      | DK5AD      | CU2AP      |
| G3NDC      | AA5AM      | JA1VSL     | JA3GN      | HB9CEX     | HB9BOI     |
| HA1RB      | F3SG       | K1AR       | JA6WJL     | JA2NDQ     | HP2AT      |
| IZ8FFA     | JA1SY Y    | K2UU       | JJ3HGJ     | JA9FAI     | JA0DIN     |
| JA2AH      | JA1XCZ     | K8QM       | K2SHZ      | JE1DXC     | JA1LSP     |
| JA2ZL      | JH1AGU     | K9ZO       | K9RX       | K8GI       | JA1SVP     |
| JR4OZR     | JH1QAX     | NN4SS      | LU8EKC     | N7US       | JE1LFX     |
| JR9LKE     | JR6FC      | NU8Z       | NI6T       | N9RS       | JG8FWH     |
| K2LS       | K1HT       | R9TO       | W7DO       | UY5AA      | JK1GOK     |
| K5AQ       | K3RA       | RU3DX      | W7OM       |            | K4SE       |
| KB0EO      | N1IBM      | RX3AGD     | W9JA       | <b>303</b> | LA5LJA     |
| LA7AFA     | N5ORT      | UA4LY      | WA5VGI     | E72U       | MM0EAX     |
| MD0CCE     | RU3QR      | W2JU       |            | EA3GHZ     | RN3QN      |
| NN4R       | SV1CNS     |            | <b>306</b> | G3LZQ      | WB5JID     |
| OE1AZS     | UT2UB      | <b>308</b> | 9K2OD      | HB9DDO     |            |
| OE1ZL      | W7CT       | DL2CHN     | DL1KUR     | HL3IUA     | <b>300</b> |
| SM4DDE     | W8HW       | F4BKV      | DL5EBE     | HL4CJG     | AC0A       |
| SV1DPI     |            | HK4SAN     | HB9DDZ     | IK2RPE     | DL1TRK     |
| SV1JG      | <b>311</b> | IU7QBB     | I1EIS      | IK4ADE     | DL4CF      |
| UA6MF      | CT1FMX     | JA1IZZ     | IK4PLW     | JK1EXO     | EA1AF      |
| UX0FF      | IK0PEA     | JA2WYN     | JA2VQF     | K7WP       | EI2GLB     |
| WB0TEV     | JA2XYO     | JA7IC      | JE2LPC     | K7ZA       | IZ5RVG     |
| WB8BPU     | JA4MRL     | JA9GPG     | JR2UBS     | KB1JZU     | JA2ATE     |
|            | KM4H       | JE2EHP     | K5WAF      | LA3WAA     | JA9AA      |
| <b>313</b> | OE3SGU     | JG4AKL     | KD3CQ      | RL3FA      | K8GG       |
| 5B4MF      | OZ4O       | JH1SJN     | OE5RLM     | RW4NN      | K8TL       |
| CT1GFK     | PY2XU      | K0GY       | R8TX       | SM6CUK     | K8V FV     |
| I3BUI      | UR0MC      | K0KVR      | R9FM       | SP2BMX     | PA3CSR     |
| IZ2AMW     | WB9CIF     | K8OM       | UN7JX      | SP3IBS     | VU2PTT     |
| IZ8FWN     | WD9DZV     | K9MK       | US5WE      | SP7HOV     | W3OA       |
| JA1GRM     |            | KI0KB      | W5AJ       | SP7ITB     | W3RJW      |
| JA5IU      | <b>310</b> | KN5O       | W5XC       | SV2AEL     | W6TC       |
| JA6VQA     | HB9SLO     | KS1J       | WE9R       | W1SKU      | W9AJ       |
| JA7JWF     | JA0CRI     | N8TR       | ZL3JT      | WT8C       |            |

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| <b>299</b> | GM0AXY     | K7ZV       | IT9CVO     | HB9RYZ     | W3GQ       |
| 4X6ZK      | IV3YYK     | KD0Q       | JH1BAM     | JA2JRG     | W6PJ       |
| DM2DXA     | JA1JAT     | KZ4V       | JJ1TKN     | K1DG       | W8AXI      |
| EW2A       | K3PA       | N0KV       | K0KT       | LZ2JE      | W9MJ       |
| HB9CQK     | K6FW       | OE5BWN     | K4ZO       | N4LR       |            |
| HB9RG      | K8VC       | RU6L       | KP2A       | N5LZ       | <b>285</b> |
| IK5RUN     | LA8PT      | SV3DCX     | LA5HE      | N6UK       | CU2DX      |
| IZ4MJP     | N0RB       | W3JX       | N2TN       | ON6AA      | DL2SWN     |
| JA7LGE     | RA3QK      | YO2CMI     | N7RO       | UA3AGW     | EA3GHQ     |
| K6SIK      | SM6BZV     |            | PY2KP      | W1YIF      | EA5KA      |
| K9SM       | SV9COL     | <b>293</b> | VE3CFK     | W2LE       | HL2WA      |
| KB8VAO     | UA6YW      | DL1HRN     | W7BEM      | W2NO       | IK8VRH     |
| N9FN       | W2GG       | DL1SMA     | W8TN       | W3FOX      | IZ8DFO     |
| UA9FAR     | YO2RR      | EA3WD      | W9FR       | ZS1A       | JA0PE      |
| UN6T       |            | G4GIR      | ZL4TT      | ZS2EZ      | JA2IYJ     |
| VE3BW      | <b>295</b> | IK0HFO     | ZS2DL      |            | JA2VMU     |
| WA3AFS     | DL1DUO     | IW1QN      |            | <b>287</b> | K1USA      |
| WA9PIE     | EC3A       | JA2CXF     | <b>290</b> | 9M6YBG     | K6GXO      |
| XE2CQ      | IW0SAF     | JA3EOP     | AA4A       | AA8LL      | K6PJ       |
|            | JA1BPA     | JH0BQX     | DS1JFY     | AA8R       | LA8HGA     |
| <b>298</b> | JE2DZC     | JK1TCV     | I4KDJ      | IV3GOW     | N8LJ       |
| 5B4AHJ     | JH4ALY     | K4JAF      | JA1KQX     | JA9NLE     | OE1WHC     |
| CT1FCX     | JM1FHL     | N2LM       | JA1QXC     | JE2OVG     | PE1L       |
| DL7BA      | JN1RQV     | N4RWG      | JH3GCN     | K0AZ       | WK7E       |
| G5LP       | K0BBC      | N7IR       | KD0PO      | K5RT       |            |
| IW0HQE     | K0TPP      | PY2IQ      | LA2QM      | LA3MHA     | <b>284</b> |
| JA4ITW     | K1GG       | S55DX      | LU3CQ      | N3VA       | DL6JZ      |
| JA5BEN     | K4XD       | W7ZJ       | PP1CZ      | N8PW       | EI9FBB     |
| JL2JVX     | K5VIP      | WA4FFW     | SK3PY      | R9SA       | GM3YOR     |
| JR7WFC     | K5ZK       |            | SV3AQR     | SM5ARL     | IZ3ENH     |
| K2PK       | N7TY       | <b>292</b> | UN7LZ      | W1VT       | JA0DET     |
| K8EUR      | NA5C       | DL5CW      | UN7TW      | W4YCH      | JA8CJY     |
| ND0N       | RM0F       | E72A       | W1EQ       | W8AV       | JG3SKK     |
| PY2VA      | SM5FUG     | EA5AT      | W2LK       | WA6F       | JH3SIF     |
| ZL1BYZ     | SP8HKT     | G8DX       | WB9EEE     |            | JN1BMX     |
|            | SV1GYG     | HB9BAT     |            | <b>286</b> | OE2GEN     |
| <b>297</b> | W5LT       | IZ0RVI     | <b>289</b> | AB5A       | OH4UI      |
| E73Y       | W6XK       | IZ3ETU     | DL9TJ      | CT3HF      | SM0CCM     |
| JA3RQ      | W7AL       | IZ8VYU     | JA8EJO     | DL2VPO     | SM6CTQ     |
| JE7JDL     |            | JA3ENN     | JA9FPI     | HL3GOB     | W1OPD      |
| JG0CQK     | <b>294</b> | K5DHY      | JA9IFF     | IK0AGU     | W2AY       |
| K6ND       | AI9L       | K7ZD       | JG1WSC     | IK0XBX     | W4FQT      |
| K8WK       | AJ9C       | LU4FPZ     | JH4GJR     | IZ8XQC     | W5ODD      |
| KG7H       | EA6NB      | N8II       | K3UL       | JA2FGL     | W8BBQ      |
| KT1J       | HA5VZ      | R6AF       | KK0M       | JE3ENP     |            |
| W6YI       | HA9PP      | SP5IWA     | R0FA       | JF2WGN     | <b>283</b> |
|            | JA1FQI     | W4VIC      | RA1QD      | JH1BNC     | DF2GH      |
| <b>296</b> | JA1XPQ     | W6SR       | S57AT      | K1LPS      | JA1RTX     |
| AA4R       | JA5SUD     |            | VE3EK      | K1RO       | JL1XMN     |
| AA8OY      | JE1GWO     | <b>291</b> | W9YSX      | K5PS       | K3WW       |
| AD6W       | JJ1DWT     | 4Z4DX      |            | N8SNM      | KJ6P       |
| CT1DOF     | JR1DUP     | EA6ET      | <b>288</b> | UR5WA      | N6TA       |
| EV1R       | K3FRK      | G0EHO      | CT3MD      | VE1JBC     | OE8SPW     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| W1LW       | <b>279</b> | <b>276</b> | <b>273</b> | K3PU       | W9OO       |
| W6BJH      | JE8TGI     | AA6AA      | 7M4AOE     | LA9GX      | WA1YTW     |
| WT4Q       | JF2XGF     | DK3WW      | CT1BWU     | N4UOZ      |            |
| <b>282</b> | JH7BKN     | HB9LCW     | DH2PC      | NN4X       | <b>267</b> |
| K1DT       | JO4CFV     | HK1MW      | JA1KPH     | UA3TT      | DL4DW      |
| K5UO       | KF2DT      | IZ5BAM     | JA2TBS     | W1MK       | IV3VBM     |
| K8ROX      | KQ4AV      | JA2XCR     | JA6BEE     | XE1MEX     | JA2QXP     |
| PC3T       | OH1JP      | JA7FWR     | JM2RUV     |            | JA7BEW     |
| RD3AW      | OH1ZK      | JA7LMZ     | K4RG       | <b>270</b> | JA8UIV     |
| SM4CTI     | SM0NJO     | LA0FA      | KA1ERL     | 7K1PTT     | K5VWW      |
| UA0BA      | VE3DZ      | LA9VFA     | LB2TB      | AA4FL      | K7XB       |
| W4OX       | W4UCK      | N5MOA      | N4IG       | BA4MY      | SM5BMB     |
| W9HBH      | WB2BIN     | ND4X       | N4JQQ      | DK8MCT     | W6RS       |
| WN6W       | WO7R       | NK0S       | OZ1ACB     | EA1KY      |            |
| XE1KK      | <b>278</b> | OZ1LCG     | OZ4VW      | F9XL       | <b>266</b> |
|            | 9A4T       | RX4HZ      | RW7M       | K0BJ       | EI8IU      |
| <b>281</b> | CT1FPQ     | SM5CLE     | W4HG       | K7UA       | IK0UTM     |
| AD5Q       | EA8RR      | UN3G       | W8QZA/QRP  | K9JF       | IW7DVM     |
| BA4RF      | EI9JF      | W1YRC      | WA0MHJ     | KI5BLU     | JA3BXF     |
| EA5OX      | F2NH       | W1ZT       |            | N4QQ       | K8AJS      |
| F3AT       | JA8LRG     | W2OIB      | <b>272</b> | OE3HWC     | NU1B       |
| I1FQH      | K2UR       | W5GO       | AF9H       | PU2POP     | PZ5RA      |
| IZ8FDH     | N4HB       |            | DS5ACV     | VE6LB      | RA4CA      |
| K0GD       | N9ISN      | <b>275</b> | I5OYY      |            | SV1HEP     |
| N2WB       | SM4AZQ     | AB4SF      | IK5PWN     | <b>269</b> | VE3YF      |
| N5GH       | VE3CRG     | JE1BMJ     | JF1LMB     | HB9IQB     | W0FLS      |
| OZ1IKY     | W4MAY      | JG1OGM     | JH1OBS     | IK7FPV     | W7Yaq      |
| SM5ENX     | W8MHW      | JJ3CJP     | K1UU       | IK8EPC     | W8MET      |
| W0LS       | WF2S       | N2JJ       | K6IPM      | JA1OVF     | WB2GAI     |
| W8HC       |            | N7KA       | K7EG       | JA1VLK     | WB3LHD     |
| W8KEN      | <b>277</b> | ON5UE      | K8BL       | JA4VLK     |            |
|            | EU1KY      | PA7RA      | K9MBQ      | JA6GPR     | <b>265</b> |
| <b>280</b> | F5PBM      | WA0RVK     | KB1EFS     | JH3FHQ     | 4F2KWT     |
| CT1EAV     | F5UJK      |            | KI4GE      | JP1NWZ     | G3WPH      |
| GM3PPE     | IZ4DPV     | <b>274</b> | N2DPF      | K6EME      | JA1VRU     |
| JA3XNH     | JA8DNV     | EI6FR      | N6PSE      | N6RV       | JA4FM      |
| JA6TMU     | JA8EOT     | EW1KP      | NV9L       | NW7E       | JH1ACA     |
| JF1NZW     | JH3KAI     | IW0HOU     | OE5FIN     | OM4EX      | JR1WCT     |
| JH1HHC     | JK1UNZ     | JA8ZO      | PA0ZH      | SM5FWW     | K2CBI      |
| JN7DOS     | K2AJY      | JH1IAQ     | SV1ACK     | YB1AR      | K2SN       |
| JR6LLN     | K8UT       | JM1GHT     | W2OO       |            | N5KM       |
| JR7FRW     | N9RD       | K3PT       | W3ACO      | <b>268</b> | N9JV       |
| K0TT       | ON4CAS     | K6UM       | W3AP       | HB9BUN     | SP6JIU     |
| K4WNW      | SV1FJP     | KA8SYV     | WA1S       | JA1IAZ     | VE3SKX     |
| PY2DS      | UW2ZM      | KA8ZPE     | WL7E       | JA1NWD     | W5DM       |
| SM5CZK     | W1KSZ      | KS3F       |            | JH4HMG     |            |
| UT7UV      | W2PP       | NA5DX      | <b>271</b> | K2KA       | <b>264</b> |
| VK3HJ      | W3BW       | RA5BM      | 4X1RU      | K6BV       | 4Z1UF      |
| W8LGJ      | W8RLS      | SV9AHZ     | HL4GAV     | KD4W       | EA1KP      |
| ZS4TX      | WA3C       | UA3ECJ     | IK2DZN     | N2AJ       | F6DBX      |
|            |            | W7MEM      | IZ8EJB     | N5JB       | HB9DHG     |
|            |            |            | JH1OCC     | SM6BGG     | IK4AUY     |
|            |            |            | JM1HJG     | W2FV       | IZ0NRG     |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| JA7HRM     | WB8ART     | NI3P       | WB7B       | F1ICS      | JR0EQQ     |
| JR4LNG     | WQ6Q       | PY5CC      | WV9L       | G3KWK      | JR5JAC     |
| K0DD       | YB2DX      | W1KDA      |            | G3NKC      | K1KA       |
| K1CA       |            | W7AH       | <b>255</b> | JA1BNW     | K9YC       |
| K8RRT      | <b>261</b> |            | AI6Z       | JA4HAW     | K9ZM       |
| N1EN       | 7K1CPT     | <b>258</b> | EA5RD      | JE1HRC     | KQ3F       |
| N1GC       | DK3PZ      | CU3EQ      | F6ECI      | JF3PNQ     | OH2IS      |
| PA7TWO     | G3UAS      | DK7YY      | HC1BI      | JF6XQJ     | PA0JSE     |
| SV1CQN     | IZ8IEV     | HL3AMO     | HI8R       | JH4CBM     | PY2FN      |
| VE6AX      | JA3FHL     | JA9AGN     | HL3DE      | JL1BYZ     | W7HPW      |
| W5PF       | K2FW       | JR3UIC     | IV3TMM     | JR1VAY     | W7IU       |
| W6TMD      | K7LJ       | KH2L       | JK1OPL     | K1EFI      | YL2KF      |
| WV4TN      | KM1D       | SA0AQT     | KR4F       | K5FZ       |            |
|            | LA5SJA     | US0YA      | N1RK       | KB9DAK     | <b>249</b> |
| <b>263</b> | N9UA       | W1SSN      | N5BO       | N6PM       | AF5CC      |
| DK4TP      | OM8FR      | W5JAY      | VR2XMT     | OH7TV      | HL2CFY     |
| EA3CJ      | SM7CQY     | W9EWZ      | VU2CPL     | W2GW       | IZ8GGF     |
| EA4DL      | W0JM       | ZL2IFB     | W2/CT1GIF  | W2ZI       | JA8FFM     |
| HA7UW      | WA5LFD     |            |            | W7CA       | JH1APK     |
| JA7XBG     | ZS6WB      | <b>257</b> | <b>254</b> | WA4CEM     | JH8GEU     |
| JR8AMF     |            | AF4HX      | BA7IO      | WA4JQS     | JJ1QUV     |
| K1KO       | <b>260</b> | DJ0UT      | CT1BWW     | WV6E       | K9NR       |
| K4KAY      | AA9A       | DL9FCY     | IZ5YHD     |            | KF7F       |
| K8FH       | EA8MT      | EA1JO      | JF2WXS     | <b>251</b> | KM6HB      |
| K9FN       | EA9IE      | EA7SG      | JH1VUO     | 9A4W       | N0RN       |
| KN6KI      | EC1AIJ     | EB3CW      | JH2VVH     | DL2RTL     | N3KN       |
| N1RR       | F6HLC      | IK2PZC     | JJ1BMB     | HA5PT      | NH6T/W4    |
| N7BT       | FG5FR      | JA6OXT     | K0GW       | JA1DDZ     | OZ5NJ      |
| NA5Q       | JA2FBC     | K1SM       | K3SEW      | JA1EMQ     | SM4OLL     |
| NF1G       | JA3VPA     | N1API      | KI1U       | JA1SKE     | UN3GX      |
| SM7IUN     | JA3WLN     | N1SV       | LA5YJ      | JA5BGA     | VE3YV      |
| W0GG       | JH3FUK     | N6HC       | NE8P       | JE1VTZ     | W0RX       |
| W2XI       | JH4ADK     | PY2MC      | UA3O       | K4VIG      | W8IQ       |
| WA4LOX     | JJ2WOC     | RU1AB      |            | K8CW       | W9RC       |
| ZS6NJ      | K1ESE      | SV1VS      | <b>253</b> | KG9Z       | WB8K       |
|            | K8YSE      | W3FI       | AC9O       | KJ7TEA     | XE2D       |
| <b>262</b> | LY1G       | W8MJ       | FG4NO      | N4SC       |            |
| CU3EJ      | N6MZ       |            | JA6IVR     | N5UL       | <b>248</b> |
| I5REA      | NT5V       | <b>256</b> | JA8XQI     | NV4B       | AK5X       |
| JA8BAR     | SK7AX      | BH4QYX     | JH2PWY     | W2JLK      | DS5DNO     |
| K8AV       | SP6A       | EC1A       | K1FEV      | W2TB       | EA4DEI     |
| LA6UL      | TG9NX      | FG8OJ      | K6MKF      | W3ABT      | G3VPW      |
| LA9FFA     | WS9V       | GU0SUP     | K8DV       | W4SK       | HB9DOT     |
| N3RC       | WV8DX      | IK4HPU     | KE1F       | W5GAI      | HL2KV      |
| N8OC       |            | JA0KJE     | N7XR       | W8OP       | JA1PBV     |
| NK4L       | <b>259</b> | JF2VAX     | UA0FO      |            | JE2VLG     |
| NX0I       | CT3KN      | JH1RGG     | W6RW       | <b>250</b> | JJ1SKG     |
| W5ZG       | DJ8NT      | K4JJW      | W8GNM      | 6K5YIA     | KF9UG      |
| W6NWS      | EA3EQT     | K6EID      | WF4U       | EA1RT      | N4QWZ      |
| W7LGG      | EW1BA      | M0TTB      | YB0COU     | HA7TM      | N4XP       |
| W7QDM      | JA8BNP     | VK3NX      |            | HB9EFK     | N6KZ       |
| W9PZT      | JE2RDO     | W6DE       | <b>252</b> | JH6PFY     | SV1IW      |
| WA3GFM     | K2UFM      | W8JRK      | DL7UPN     | JL1MWI     | W8IW       |

|                                                                                                                                  |                                                                                                                                                                                      |                                                                                                                                                                        |                                                                                                                                                                                                           |                                                                                                                                                                                                           |                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>247</b><br>CT1FUH<br>K1PL<br>K3VAT<br>KH6M<br>N7DED<br>NA9RB<br>PY5IP<br>S51NM<br>W7IB<br>W9JJB<br>WS5W                       | W9FI<br>WA2USA<br>WA3F<br>WA8MCD                                                                                                                                                     | <b>240</b><br>E21EIC<br>G7SSE<br>IW3GJF<br>JA1DM*<br>JA2FSM<br>K9JU<br>KF0LA<br>N0ABA<br>N4HID<br>PY2GG<br>SM3LGO<br>SP5LKJ<br>UX5UO<br>W0SZ<br>W8WEJ<br>XE1RBV        | ZL4AS                                                                                                                                                                                                     | N4IQ<br>NA5Z<br>NJ7G<br>NW4M<br>TA1CM<br>W2DXE<br>W7YW                                                                                                                                                    | <b>232</b><br>AC9EM<br>EW4C<br>G3XLF<br>HB9DVO<br>HL2ZN<br>JH0OXS<br>JH3GFA<br>JH6DUL<br>JR3VMJ<br>K4ST<br>K5FNQ<br>KB1DMX<br>N9PGG<br>NY2NY<br>RQ3A<br>SV8DOU<br>W6CYX<br>W9ZCL |
| <b>246</b><br>AA7G<br>GW4TSG<br>HL2EIZ<br>IV3KFB<br>JK1WSH<br>JR7GBL<br>K3EA<br>KB6CIO<br>W1KMA<br>W3ICM<br>W5ZO                 | <b>243</b><br>DS5TOS<br>EI2HY<br>G4XRV<br>HB9EBM<br>JA2EPW<br>JS6TWW<br>K8ME<br>W1BR<br>W4PNY<br>WX2U                                                                                | <b>239</b><br>AG1A<br>DJ9RR<br>I0JBL<br>IZ1JMN<br>IZ2FOS<br>JA6CBG<br>JA7KE<br>JA9NFO<br>JE2UFF<br>JH1DGJ<br>K1XV<br>K2XF<br>K4QE<br>K8YYY<br>N8SHZ<br>WA6JA<br>WB4KTF | <b>237</b><br>CT1BOY<br>G0VXE<br>HB9CXZ<br>JF2OZH<br>JH1DGQ<br>JR0QFA<br>K1RV<br>K2NV<br>LB5WB<br>SM0MPV<br>W6AER<br>W8UN<br>WA0ROI<br>WB8B<br>WB8ZRL<br>YO3JF                                            | <b>234</b><br>DF7EE<br>DK2CC<br>HB9BYQ<br>HS1NGR<br>IK0LNN<br>JA2OLJ<br>JH5HDA<br>JK1BSM<br>JR4LZX<br>K0VM<br>K4JC<br>K4MF<br>K6ZZ<br>KE5FXE<br>KE8UM<br>KX2A<br>ND4V<br>SV8CKM<br>W3WST<br>W9MO<br>WA5UA | <b>231</b><br>AD5WB<br>DK6OR<br>IK1IYU<br>JA1MZL<br>JH0AWC<br>K2RU<br>KD6UO<br>LZ2XF<br>N8HRZ<br>NA4EA<br>SM7NDX<br>VU2DCC<br>W4UDH                                              |
| <b>245</b><br>AJ8MH<br>G3KMQ<br>HB9JOE<br>JA3QOS<br>JJ6DGP<br>K5IB<br>KF7PG<br>N0AH<br>N2NW<br>NZ3O<br>OE3KLU<br>S55ZZ<br>YB0NFL | <b>242</b><br>EI9FVB<br>JA4ZA<br>JH1ERJ<br>JH1WJR<br>JK1VXE<br>JR1MLU<br>K3NQ<br>K3WWT<br>K4PB<br>K7FEL<br>KJ7M<br>N2NS<br>N6HY<br>NF4A<br>PA3BWD<br>RC2A<br>VK3BDX<br>W8CZN<br>WC3W | <b>238</b><br>HB9MFM<br>JA0LXP<br>JE1PNX<br>JF0JYR<br>K9GA<br>K9OR<br>KA4RRU<br>M0CSD<br>N4PJ<br>N5ZC<br>VU2CDP<br>W3MR<br>W4KA<br>WA4QMQ<br>WB0TVY                    | <b>236</b><br>HB9DQV<br>HB9ZS<br>JA1HOM<br>JA1JYE<br>JA3KNN<br>JN1NOP<br>K1ACL<br>KM3J<br>KS4S<br>N4GN<br>N6IE<br>OE2BZL<br>OZ7FOC<br>PA0TCA<br>W0HBH<br>W2YR<br>W4GIW<br>W6DR<br>WA1PMA<br>WY6N<br>YB2TX | <b>233</b><br>AA9GR<br>AA9RR<br>AJ4A<br>DH0GSU<br>DS3HWS<br>EA5AR<br>JA0KJD<br>JA3NHL<br>JH1SOD<br>K8BN<br>K8EAB<br>KK9H<br>N9BX<br>NE3F<br>SM0XBI<br>W2NRA<br>W6YOO<br>WB2KSK<br>WD8PKF<br>WE4S          | <b>230</b><br>G3LUW<br>JA5NPV<br>JA6AVT<br>JE2EBT<br>JH7WQX<br>JI1VVB<br>K2SY<br>N4TOL<br>W2KA<br>W8FIB<br>W8WVM<br>W9YE<br>WB2NPY                                               |
| <b>244</b><br>G4FKA<br>IK8UHA<br>JA1CZI<br>JI6IHG<br>JN1NBU<br>K0KG<br>K1YR<br>KK1W<br>W0QQ<br>W4REX<br>W5PJR                    | <b>241</b><br>AB5C<br>G8AJM<br>IS0AFM<br>JH1UBK<br>JP1IOF<br>K7KB<br>KV1E<br>N4OA<br>N9SF<br>W5DNT<br>W5QM<br>WB8CQV                                                                 |                                                                                                                                                                        | <b>235</b><br>EA7QW<br>EU1U<br>JE1IBI<br>K0EOO<br>K0VSH<br>K4YJ<br>K5CWR<br>K8ZM<br>N2FF                                                                                                                  |                                                                                                                                                                                                           | <b>229</b><br>AA3LX<br>AE0P                                                                                                                                                      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| AH0U       | JH1IED     | RW4CY      | <b>220</b> | SM7WVZ     | W1JGS      |
| DL8SDC     | K2BA       | SM7BHH     | AA6RR      | TZ4AM      | W4IS       |
| IK2GAJ     | K2SD       | SP6AXW     | DL4LAM     | WA2NPD     | W6SL       |
| JA2VHO     | KK0DX      | V51B       | EA5DFV     |            | WA6HBR     |
| K0HD       | KK4OK      | W7NN       | JH1OGT     | <b>217</b> | ZL2AL      |
| K3FM       | N2KX       | WN6K       | K1DJ       | IK0CHU     | ZS2Y       |
| K4CMS      | N2SQW      |            | K1NJ       | JA2NNF     |            |
| KD1F       | N5ET       | <b>223</b> | K1NTR      | JA7ZP      | <b>214</b> |
| KI4DLS     | N6BM       | AB4UF      | K1TZQ      | JG5RVQ     | 3A2MW      |
| N3PS       | N9AOL      | AF2C       | K4EU       | K1RH       | DJ3AS      |
| N4NW       | NG7M       | EA7DUD     | K4MIJ      | KK2M       | F4GVO      |
| NE6I       | VE7TK      | HB9HBZ     | K5MT       | KU4BP      | HB9VAB     |
| UR5FEO     | VK4CAG     | I8MTQ      | K6MM       | N6QI       | JA7DPC     |
| W1WC       | W7HR       | IK2RZP     | K7AWB      | OZ0J       | K0QQ       |
| YB1TJ      | W9DX       | IZ8MBW     | K9WX       | W0TM       | K2AZ       |
|            | WB0O       | K0NV       | KV4T       | YO3IPR     | N9KW       |
| <b>228</b> |            | K6IPV      | KZ9DX      |            | PY2RO      |
| 7J1ADJ     | <b>225</b> | KI6CG      | ON4ATW     | <b>216</b> | SP7ICE     |
| AA0MZ      | DK5RL      | KW4V       | SM0DSF     | AC4VM      | W0KCJ      |
| EA5B       | DS4AOW     | N4ENE      | UR4IOR     | CX2CC      | W4WN       |
| F1RAF      | EU1M       | W8LMG      | W5THT      | DJ3XG      | WB6BFG     |
| F5LIW      | G3SBP      | WC4H       | XE2X       | EA2AFV     |            |
| JA1OVD     | JA0EVI     |            |            | I1YDT      | <b>213</b> |
| JA7QQQ     | JA4CZM     | <b>222</b> | <b>219</b> | IT9AAI     | 9A1AD      |
| JF1RYU     | JF1MTV     | AK5Q       | F5JSD      | K7LV       | AG3V       |
| JF1WLK     | JH8NQV     | DJ9SO      | HB9BNQ     | KK4OW      | DK3UA      |
| K4KGG      | JL3OUW     | DL5XL      | HL5BMX     | KR4W       | HB9HIT     |
| KE0A       | K0IL       | E77S       | IK5QPS     | KX4TT      | IT9ODQ     |
| KE4UW      | K0OK       | IZ7AUH     | JA1FJJ     | LB6KC      | IV3FFI     |
| RA3QUA     | K1JIU      | JM1VRW     | K5CD       | NC4RB      | JA0LFV     |
| UN9L       | K2HAT      | K2AT       | K5JZ       | PS8ACL     | JA1FVS     |
| VR2CH      | K3SF       | KB5UNX     | KD2T       | W0SR       | JG1JPE     |
|            | K4JWA      | KS4YT      | KE6V       | W5VQ       | JG3RWX     |
| <b>227</b> | K5YU       | KU8X       | KG6I       | WB3D       | JR1EFG     |
| DF8FT      | MU0FAL     | RA4P       | KI7AO      | WS1L       | K5ALQ      |
| DL2RUM     | N0ODK      | VE7BV      | KR2Q       |            | N6PEQ      |
| I0MWI      | NA2AA      |            | KR6C       | <b>215</b> | N8GP       |
| JA0DWY     | W5GZ       | <b>221</b> | N1KC       | 9H1EJ      | NA2M*      |
| JK1SQI     | W5LO       | EA2AAZ     | N6DX       | AA7XT      | VK3FM      |
| K1GE       | W5TFW      | IZ1JLG     | SV1FKZ     | AA8SW      | W1LE       |
| K5GH       | W8UV       | J11NJC     | W5GA       | DS4GKF     | W3BJ       |
| LU6ETB     | W9KVR      | K4CGY      | W6GRV      | HB9IIO     |            |
| N1NU       | WE1P       | K4MV       | WA3I       | I5XFD      | <b>212</b> |
| N6OJ       | YO9FNP     | K5DV       | WC2K       | IZ0BVU     | G4ZOY      |
| NA9Q       |            | K5ZQ       | WW8W       | JP1GUW     | JA1BWA     |
| W4DEE      | <b>224</b> | KU4XO      |            | JR0AMD     | JA3LDH     |
| W5RF       | JA8NFV     | KV4AA      | <b>218</b> | JT1BV      | JR2PZX     |
| W5SL       | JO1LVZ     | N9JR       | DL2NOM     | KF4NEF     | N4FN       |
| WA9GON     | K1CBK      | NY1V       | DL4NBE     | KO6KD      | SM5AOG     |
|            | K2TER      | RU0SN      | G4VMX      | N8NN       | SM7GIB     |
| <b>226</b> | KZ5DX      | W0BM       | I7PXV      | RN9N       | VK5GR      |
| DM2RM      | N3RW       | WA0WWW     | KE3D       | W0FG       | W5DAW      |
| I0OSI      | N7WO       | WB0N       | N4JT       | W0TT       | WW2DX      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| WY1G       | JH0NOS     | <b>205</b> | N6PAT      | K4SX       | N3QE       |
| YL2TW      | K0THN      | AC9S       | W1DYJ      | K4VNY      | N4HN       |
| <b>211</b> | K4WES      | DL6UNF     | W3BNN      | KI4WCQ     | NA9A       |
| JE2KSM     | K5RJ       | GM0VRP     | WA3FRP     | MU0GSY     | SP3F       |
| JJ1JMZ     | K9SG       | IK0WRB     | <b>202</b> | N2RR       | SP5MXZ     |
| JJ1KZZ     | KC2SST     | IK3GBG     | BV1EK      | PB9FN      | W5AAJ      |
| JO4JDU     | N6ZN       | JA4DHN     | DL8DWL     | V51YJ      | W6HYI      |
| JR1JGA     | N7WS       | JA7JM      | IK5BOH/2   | W6JZ       | WB5NHL     |
| K3SX       | NU1O       | JA7MNF     | JR1IZM     | W9LN       | <b>195</b> |
| KT2C       | NW6S       | JJ2KDZ     | N8WD       | W9RXJ      | CT1ELF     |
| N1BY       | W1FA       | JO3WHB     | NN9X       | WB4YDL     | K3NF       |
| VR2XLN     | W5FPT      | K4YYL      | W3NS       | <b>198</b> | K4KEW      |
| W6UC       | WA6G       | K5VR       | W4RDX      | AG7N       | KE4S       |
| W6WF       | ZS1J*      | KT4AC      | W7TUS      | DJ0MCH     | KF9AF      |
| <b>210</b> | <b>207</b> | KW1DX      | W7VY       | IV3BSF     | N3XM       |
| AA4LR      | 9K2BM      | N2KI       | WE2N       | JA6ENL     | NA6MG      |
| CU3AN      | DG5LAC     | N2ZA       | <b>201</b> | JM1ESG     | NN2D       |
| JA7FAS     | JA7MAD     | OH3OJ      | GI4OWA     | K7PT       | OH6NIO     |
| JH6RTO     | K6ZP       | WA4MME     | IZ0GYP     | KA1J       | PP7LL      |
| KD4SN      | KE1VT      | WI7P       | K0MFI      | KZ1W       | SQ7FPH     |
| KD8RQE     | M0HIH      | XE1J*      | K2CYS      | N3ND       | VE3YXO     |
| LU4FW      | M0IKW      | <b>204</b> | N4PYI      | NN5E       | W3ML       |
| N8BK       | N9AKR      | JL1GYZ     | OH2LHE     | RA3BL      | W3SB       |
| PY2WC      | NW7US      | KB5HC      | RT5A       | VK6OZ      | <b>194</b> |
| S54A       | OE1JIS     | KM9E       | W1OP       | W6SHY      | A65BD      |
| W5WP       | ON4ANN     | N7ELL      | W6AEA      | WA2VQV     | EA5ZR      |
| W7FP       | RD9M       | VU2IBI     | <b>200</b> | XE1FAS     | K1LT       |
| W9IL       | TF3DC      | W4GP       | HB9AGO     | YV5LI      | KP3AH      |
| WA9BZW     | VK2CA      | W7IV       | HB9FBG     | <b>197</b> | KR8T       |
| WK8A       | W1AW       | WB8BZK     | IZ5FSA     | 4X4MF      | NJ3K       |
| YB0DJ      | W1MJB      | XE1L       | IZ8EKL     | BA4TB      | SP6Eiy     |
| <b>209</b> | W6KK       | <b>203</b> | JA3EY      | EA1DLU     | VU2LBW     |
| JH8UQJ     | W9QO       | 7L2QAD     | K1ZJA      | IV3AVQ     | W4DC       |
| K0LB       | YB0MWM     | DF3EC      | KC6JAM     | JA2MNB     | W5UHQ      |
| KB2FCV     | <b>206</b> | F5NBX      | KM4VI      | K6TAR      | W7PAQ      |
| KB4MRX     | AG5W       | IK2RGT     | LA6OP      | K8SIA      | WA1NXC     |
| KO8SCA     | CT1HHP     | IZ0BTV     | N1IA       | KD1AB      | XE1R       |
| N4TD       | HB9CRV     | JA0CIU     | PY3VB      | W4DAO      | <b>193</b> |
| N9XX       | IW9DNI     | JA7JPZ     | VK6LC      | W4HZ       | 7L4VYK     |
| ND3L       | IZ4DIW     | JH8NBJ     | ZS1DX      | WQ5R       | AE4CW      |
| PU1KGG     | JA4DNC     | K0CS       | <b>199</b> | XE1H       | DH3KM      |
| SM5BNK     | JF1IRW     | K1VI       | AA3TH      | <b>196</b> | I4UUL      |
| W6DCK      | JH1FVE     | K4GO       | AC0X       | CT3CD      | IZ5MOQ     |
| W8BLA      | K8NK       | K4JKB      | AD4AA      | DF2UA      | JA0AXV     |
| W8HMK      | KK5OQ      | K9OW       | HI3T       | G1VDP      | JA1QIW     |
| WB0ULX     | KK9T       | KA1DJ      | JH0RVY     | HB9ESS     | JA3PRM     |
| <b>208</b> | KW4CQ      | KK8MM      | JI1WLL     | I7LGM      | KM1C       |
| DL4FAP     | N8BJQ      | KL7TC      | JM1SZY     | I8YAV      | LZ2ZG      |
| HP2NG      | W7IUO      | KM7R       | JR7ILA     | JA1XRA     | NU4B       |
|            | WA3WZR     | N4TV       |            | N2GZ       | PY8WW      |

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| SM5ELV     | JA3AVO     | EA5HM      | JA2KSP     | W4DSM      | K3OX       |
| SP5IXS     | JH8KFE     | F4WDL      | JA3UNA     | WA6EZV     | K8YE       |
| W8NN       | J12UDK     | IK8GJR     | JE4CIL     |            | KF4VTT     |
| WA9DU      | K7UT       | KM4NS      | K6LRN      | <b>179</b> | SM5CBM     |
| WB6CJT     | K8ZT/QRP   | N6VNI      | LA7EIA     | DL5MHQ     | SP9IZV     |
|            | KD0AA      | W2CG       | NA2U       | IK1ZNM     | VK2AAH     |
| <b>192</b> | N3AIU      | W5ZE       | WF8R       | JA3EEM     | W0IKD      |
| F6FYD      | N6MXU      | XE1YD      | YB2TS      | JH1XFR     | W0JW       |
| IZ7GIT     | OT1A       |            |            | JK1JAS     | W1AO       |
| K1JD       | SM0BYD     | <b>186</b> | <b>182</b> | JR3ADB     | W4KVS      |
| K6XN       | VA3OKG     | K1BZ       | 4X6KJ      | K4WZ       | WD8KND     |
| KJ4UZU     | W2OR       | K5EWS      | AE4M       | KB7AK      |            |
| KJ4YLO     | W9ROG      | K5QX       | I5FLN      | KE5TD      | <b>176</b> |
| N4XYZ      | WA8LRW     | K6EGF      | I8LWL      | KJ6NZ      | DL6NW      |
| NC2Y       | WB4GLI     | KC6X       | JA6SQR     | KZ2R       | F4FLF      |
| UR3EO      |            | N5QS       | J11CQA     | N3KV       | G4AYU      |
| VA2IG      | <b>189</b> | W8RV       | JK1DDG     | SP5ELW     | JH8FIH     |
| WQ5T       | AA4UC      | WA5IPS     | K5DCW      | W0UC       | JR1FHP     |
| YB1TQL     | I0LYO      | WZ4RC      | K7LAZ      | W0ZS       | KK7YC      |
|            | IV3KCB     |            | KG4JSZ     | W1HS       | KT8D       |
| <b>191</b> | JA1SGU     | <b>185</b> | KL0S       | W4CCS      | KW9U       |
| AA4NC      | JG1SWM     | JK7LXU     | KS0JD      | W4TUN      | LA4JGA     |
| G4XEE      | K3HW       | K0KP       | LA5LT      | W8QXR      | N1JP       |
| HA5CW      | K5RKS      | K3PP       | N4MIK      | WC0W       | VE1VOX     |
| IT9IPQ     | K5TN       | K9AQ       | N8NA       |            | W4LEW      |
| JH1FNU     | K6UXO      | KE5BR      | N8NB       | <b>178</b> | W9WO       |
| JK1AJX     | KY5I       | KQ4EE      | NZ5O       | AA8KY      | WA3GNW     |
| JP1LRT     | N2MEE      | OZ3SM      | VU3CAU     | EA8AXT     | WD4IXD     |
| K1RI       | N6NU       | UN7BK      | W6SFK      | G4DDL      |            |
| K3DFL      | ON6KE      | VA7ZT      | W7WZ       | IW0BYL     | <b>175</b> |
| K8QKY      | RM3DA      | W0QC       |            | JA1ERB     | AG5CN      |
| KF2OG      | RN3CT      | W2WG       | <b>181</b> | K1ZE       | EA6UE      |
| N4DWK      | SM4BZH     | W6RKC      | EI3CTB     | K3VAR      | IU8IYE     |
| N7MQ       | W4AEJ      | WV2I       | IZ4AIB     | KL7TS      | IW1PUR     |
| NK7C       | W5SUM      |            | KY6R       | KU1T       | IZ0CKJ     |
| NO0B       | W6DPD      | <b>184</b> | N1HO       | N4ST       | JE3PCP     |
| OV5O       | YB4CHP     | AD6ZJ      | N6VS       | N5FEE      | K1ROA      |
| OZ7DN      |            | EA5RU      | N8AYY      | N6DHZ      | KD4POJ     |
| VK2HV      | <b>188</b> | IK0HBN     | NM1G       | OZ1HPS     | KF6HI      |
| W5IP       | EA7AN      | JA7FVA     | NV4A       | TF3JB      | KN7D       |
| W8UQ       | JA0GCI     | K3JM       | UA9AEU     | W7HUY      | N7NG       |
| WB4DNL     | JH7NTW     | NW7M       | W6TK       | WB6AXD     | NS3L       |
| WF1H       | K2AX       | SM2EJE     |            |            | UA1OM      |
| WI8R       | K2DC       | UN7BY      | <b>180</b> | <b>177</b> | UA9AGX     |
|            | N2ZZ       | UT7KF      | A61BK      | 4X6UU      |            |
| <b>190</b> | OZ9XU      | W6BK       | AA4AK      | IW8CGX     | <b>174</b> |
| AA4U       | PY2RN      | WB2HJV     | DK1NAL     | IZ2EWR     | AD0K       |
| DJ9KV      | W0PE       | WB3BFC     | JH1IZR     | JE4RAL     | AG4Q       |
| EC7B       | WV4V       | WB5STU     | K8SL       | JF1LZQ     | DL5KUA     |
| F4DSE      | YO2DFA     | YB1RUS     | N7VPN      | JG3KLF     | HB9HVG     |
| G3WW       |            |            | NA5S       | K0KV       | JL6USD     |
| HL4CCM     | <b>187</b> | <b>183</b> | VR2XYL     | K2JL       | JR3TOE     |
| JA2ITK     | AF6PK      | IU0ICA     | W0MS       | K2MK       | K1XE       |

|            |            |            |            |            |            |
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| K5CR       | JJ1BDX     | W6FL       | K7CTV      | N2XQM      | JR4CZM     |
| K9HQM      | JS6QOM     | WA6QGH     | KN4FO      | N7WI       | N4BAF      |
| K9UQN      | K2TV       | WB8EKG     | KR4BD      | NA2P       | NP3CW      |
| N7NW       | K4NTO      |            | KW4J       | PT7DX      | W4NBS      |
| NG9J       | K4WY       | <b>168</b> | SV2CLJ     | S50B       | W8FN       |
| TF3VS      | KB0V       | A92IO      | VA7DX      | SP7QHR     |            |
| W5JMW      | KC5LK      | AB4GE      | W4PGC      | W6SIY      | <b>161</b> |
| W5WI       | KP4DKE     | EW1P       | W8SAX      | W9CSX      | HL3ERJ     |
| WA4BIM     | N8WRL      | JA0PZJ     | WA1ZIC     |            | JP7FSO     |
| WA4NUF     | NA6O       | JE4KCN     | WA5NOM     | <b>163</b> | K2OP       |
| WB8QZM     | ON6MX      | JH1ORA     | WB3JFS     | 4O3A       | K4AR       |
|            | W0MU       | JH3EQP     | YO3AIS     | AA4OC      | KM4A       |
| <b>173</b> | WA4DOU     | K0PC       | ZL3RJ      | AD5MD      | N7QT       |
| AB6CF      | WA5KBH     | K0PX       | ZS6IR      | AI4QQ      | N7VZ       |
| AI9U       |            | K0RAR      |            | DS4NPL     | NA6XX      |
| DM6MA      | <b>170</b> | KF0RQ      | <b>165</b> | EA1AZ      | OK2ZDL     |
| HB9DVZ     | DL2JIM     | KM4HQE     | AG6HE      | F4CPF      | SM3PHM     |
| K6UNE      | EI5KO      | LU8ADX     | CU3HN      | HA5BSW     | W5BK       |
| K7STO      | EI6AL      | LX1CW      | EI5JL      | IK2ULM     | W5RDW      |
| K8JE       | JA1GVT     | OE1ALW     | HK3PJ      | JA0MRW     | W6DOE      |
| KI6MQX     | JG1GJH     | R4FAN      | HL1VAU     | JA4GXS     | W9GG       |
| LA9VBA     | JG1RYQ     | SV1XV      | IK0XIH     | K0ABC      |            |
| N7HN       | JK1BIB     | VR2MY      | JE4WOK     | K0CF       | <b>160</b> |
| N9DR       | JQ1PCX     | WA9IVH     | JF1KML     | K4GN       | E70T       |
| N9IO       | JQ1YIW     | WX0Z       | JR1KBJ     | KE1B       | EA1WH      |
| NC7B       | K6JJ       |            | JR6LDE     | KO4PRE     | JA1ITJ     |
| NX2X       | K7CU       | <b>167</b> | K3VPZ      | KW4MM      | JA1UOA     |
| SM0EUI     | LA2GH      | JA8BOV     | KG4CUY     | LA1CO      | JF3VEC     |
| W2PD       | LB7ZG      | JE3FOR     | KG5NP      | N0AMI      | JG2LGM     |
| W4DTA      | N3WD       | KA5JSM     | LA2XPA     | N4KM       | JK1EBA     |
| W7VAS      | N4VN       | KB8NTY     | N2RJ       | N7KDT      | JK1NPH     |
| WA7BNG     | N6EM       | KD3HN      | N3KS       | N9LEO      | JR1CAD     |
| WY7FD      | N8VV       | KE3X       | PT2ND      | OH3PYY     | K7LY       |
|            | NX4TT      | KH6XT      | RA0BA      | R3IS       | KC9K       |
| <b>172</b> | VE1OP      | N1ZJ       | RL3BZ      | SM7CZL     | N0IW       |
| EI1DG      | VE2YG      | N4PL       | VK3TC      | VA2LC      | N4MEC      |
| JA1BON     | W0OGH      | N8JS       | W2FS       | VU2MSA     | N5WA       |
| K5TA       | WA4USA     | N8OQ       | WB2WPM     | W1OK       | N8IL       |
| LZ1XL      | YO4AUL     | N9ATF      | WB9PNU     | W1XV       | NI5F       |
| N3AO       |            | PT2ADM     | WC4X       | W4PGM      | W1TO       |
| N5PA       | <b>169</b> | PY2SEX     |            | W8MIL      | W9FF       |
| N7GCO      | AC0DQ      | WA0SXV     | <b>164</b> | WB9B       | YO8CRU     |
| SP5ES      | DM3CW      | WA5NFC     | AC4BT      | XE2YWH     | ZS6RJ      |
| W1ASB      | JA1KXT     |            | CT3DL      | YO3DDZ     |            |
| W2NY       | JE1PHH     | <b>166</b> | DL7JRD     |            | <b>159</b> |
| YB4IR      | K8ZZU      | AL7R       | EA3HDZ     | <b>162</b> | AA3AZ      |
|            | K9OT       | DL1SVA     | EI6IZ      | 4F1OZ      | CT1ESO     |
| <b>171</b> | KI2D       | GM7NZI     | IZ0GVZ     | AB1J       | DD0VE      |
| AA5N       | N4MI       | HL4XM      | K6CF       | BH4IGO     | DK8IZ      |
| AD3C       | N5MT       | JA1PVX     | K6GFJ      | DJ7JC      | EA1P       |
| CT2GZE     | N6MB       | JG3KMT     | KA1API     | DS3EXX     | IK0WMJ     |
| DL5MM      | RD3BD      | JR6GHN     | KB7QFE     | EA2AGV     | JA0ED      |
| F9CI       | SV1IZY     | K0FLY      | KD8MQY     | HS8KAY     | JA4FKO     |

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| JH1BHW     | KN7Y       | AJ8B       | KD2OV      | SM0BSO     | W4AG       |
| K0IO       | N4QM       | DS5WQT     | KE9S       | VU2NXM     | W8VI       |
| K1EDG      | N6VH       | IZ0FUW     | N8IK       | W3KB       | W9GM       |
| K4SAF      | N7JB       | JA0GZZ     | N9GKE      | W4IDX      | W9MAK      |
| K8EB       | N9AZZ      | JA1IHD     | ON4LG      | W4NE       |            |
| K9QJ       | N9MB       | JA4HXF     | R9JX       | WL7OU      | <b>147</b> |
| KC4HN      | PY1NS      | JA8ANQ     | W6RFF      | ZS1C       | AB9KZ      |
| LA8ZAA     | W3HKK      | JE6PJP     | W7JET      |            | EI7GY      |
| N1MD       |            | JH1AQN     | YV4DYJ     | <b>149</b> | G3VQO      |
| N4GBK      | <b>156</b> | JM1JZN     |            | 7N2JZT     | I4JEE      |
| N4VG       | EA3HPX     | JR3QHQ     | <b>151</b> | DS4DRE     | IS0/YO3RA  |
| NE5S       | G4FTC      | K5DXR      | DF1IR      | ER0FEO     | JJ0LZQ     |
| NF7D       | GM3WIL     | KC1ERO     | DL4KUG     | JA0JPD     | JK1OTP     |
| VA3NXM     | HB9HHH     | NE5W       | J68HZ      | JN4FNZ     | K3GGN      |
| W1EBM      | HB9MXY     | W4CIR      | JA2BUR     | JS6SCC     | K5UZ       |
| WD5BJT     | JA1CCG     | W5TMC      | J13BFC     | K1IG       | K8MRT      |
| XE1MW      | JA2ODB     | W8TM       | K1QN       | K2KIB      | KB1HY      |
|            | JA9RT      | WA9MAG     | K3GW       | K2RET      | KB9LIE     |
| <b>158</b> | JH2AJY     | WN7J       | K4DET      | K4TXJ      | SV8RX      |
| 9J2BS      | JL3DGI     |            | K7LAY      | K9EXY      | VE3FAC     |
| G4SGX      | JM1LPN     | <b>153</b> | K9AAA      | KD4EE      | W3NRJ      |
| IK1UGX     | K2HT       | HB9BEM     | KE4BKL     | KM2E       |            |
| IK3DYY     | KA9OKH     | JA3UOQ     | KE8G       | KP4DS      | <b>146</b> |
| JJ1KXB     | N5QZ       | JH2NWP     | KK4CLY     | N0STL      | AE5B       |
| K4HQB      | N7RD       | JR7MAZ     | N7MB       | NE0U       | EA4D       |
| K8GWU      | W1MR       | K0YL       | NU4I       | NU4Y       | HP3TA      |
| KB2XJ      |            | K3GO       | SM0NUE     | NZ0O       | JA3KWZ     |
| KC3AK      | <b>155</b> | K4OY       | VA3EJN     | RT0F       | JE1COB     |
| KF7NN      | 5P5Q       | K8ROK      | VA3HP      | TF3Y       | K6NR       |
| KJ7NO      | DK3QM      | K9MMS      | W3HER      | UA9MC      | K8ARY      |
| N0SL       | F6KOP      | K9YZ       | W5WLA      | W1DAR      | K8POM      |
| N4XMX      | G0THF      | KF9LI      | W6WA       | W4MA       | KB9AIT     |
| N6MM       | HB9GWJ     | KK4XL      | WA9JWL     | WA1EHK     | KM8AM      |
| N8TFD      | IV3TDM     | LA2IR      | WC2C       | WF7T       | N6FS       |
| OH3DP      | JA0EBV     | M0MCV      |            |            | N6RK       |
| W0JMP      | JA6SUY     | N0VVV      | <b>150</b> | <b>148</b> | N9MR*      |
| W8LIG      | K2DF       | OH3FVP     | DK3BK      | 4F3BZ      | NJ1Q       |
| WB2RAJ     | K4EZY      | SP5NON     | DK3FB      | A71AM      | SM3DXC     |
| WB9ZNZ     | K4WM       | W3DIY      | DL9SAD     | AE0MO      | TF4M       |
| WT2P       | KM2O       | W8OM       | IT9ABN     | AI6P       | WA2MUA     |
|            | M0IFT      | W8VK       | IW7EDZ     | F5NNN      | WA3SKQ     |
| <b>157</b> | N1QY       | WB4SON     | IZ2MHT     | IW5EIJ     | WW8RT      |
| 7N3IJT     | NH6L       |            | JA7GZM     | JF2AIJ     | XE2B       |
| AB2E       | NK7Z       | <b>152</b> | JR7XOD     | JR3PKO     | YB1BML     |
| E20YLM     | NO9E       | AC6BW      | K5HK       | K5LY       | ZS6UT      |
| EI2JD      | NU1T       | AK9B       | K8WHA      | KA3GWD     |            |
| GM4KHE     | OE1HHB     | BX5AA      | K9RT       | KB8ZUN     | <b>145</b> |
| JA0NZR     | UT7EC      | DF2WF      | K9UWY      | LZ1MDU     | 5T5PA      |
| JA1UBZ     | W5SV       | DU1KT      | KI7M       | N0TK       | AA5TL      |
| JA3MHA     | YB1AYO     | G4AFJ      | KX5U       | NJ6K       | AC7JM      |
| JE3OUW     |            | IK5BSC     | N6JOJ      | PY2CP      | AL7TC      |
| JG1XBM     | <b>154</b> | K2EK       | NM4SH      | VE6TL      | DL1MEV     |
| K0SRL      | AC8TO      | K4RDU      | ON6ZV      | W4AFB      | EA4S       |

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|------------|------------|------------|------------|------------|------------|
| EA7LS      | <b>142</b> | VE3NJC     | G3PSM      | NX8Y       | KI4TZ      |
| F1OBJ      | AA4DD      | W5VU       | HL1MKT     | S53MJ      | KR4DA      |
| JH1CTV     | JA1PUK     | W9BS       | JH1SBE     | W5IO       | LA9KY      |
| K5FXB      | J11UHZ     | WB1ASL     | K2CDJ      | W7QHE      | N1BKB      |
| KQ5M       | K2CJ       | WW6G       | K2RKJ      | WA7HR      | NT9F       |
| KS0M       | K3GT       | YB3MM      | K6IRA      | WB3AVD     | OH4KRN     |
| N6KK       | K9UO       |            | KP4N       | WB6FWS     | OH7HM      |
| NS4X       | KA6BIM     | <b>139</b> | N9NFT      | WB9IWN     | VU2ABS     |
| W3DQS      | KV7N       | F5VML      | NI4Y       | WO5I       | W1GY       |
| W7NP       | LA1J       | HB9ARK     | OE3JAG     |            | W3MF       |
| WR7Q       | W8WV       | HB9DTE     | SM5CSS     | <b>134</b> | W6OUL      |
|            |            | HL4CBX     | SP3EPG     | AB0RX      | W9SE       |
| <b>144</b> | <b>141</b> | K0QB       | TA1AL      | DL4ZAB     | WA6MRK     |
| AD0TR      | 7K3QPL     | K2WJ       | W2GGY      | EA6AZ      | WB1S       |
| DL6DCD     | 9H1AE      | K9TRV      | W4UEF      | IZ8DEO     | YO3GJC     |
| GM0VIT     | EA1T       | KX4I       | W9MR       | JA5SEY     |            |
| K1TKL      | EI3ISB     | N0CKC      | WA0WOF     | JA6GXP     | <b>132</b> |
| K7QBO      | HB9EXQ     | N2SG       | WA5YOM     | JR0GXA     | AA4FU      |
| K8OS       | IZ3XEF     | N7NF       | WG0G       | JR1HYA     | AK3E       |
| N5UE       | K2JK       | N7UJJ      | WS1F       | K3KY       | AK6I       |
| RN0C       | K4RM       | R9MJ       | YB2IQ      | K7FL       | I8NLC      |
| TF5B       | K5VG       | TA1PB      |            | K7RAN      | IK8OZV     |
| UY2UZ      | K8RCT      | ZL3TE      | <b>136</b> | K7YZO      | IZ0COI     |
| W0AIH*     | K9AAN      |            | AC9GK      | K9JDP      | JA9KRO     |
| WB9W       | KA5SYP     | <b>138</b> | DM5JBN     | K9SUH      | K4BNF      |
| WX3P       | KA5VFU     | AC5AA      | G0OSK      | KA9JCP     | K5SES      |
|            | KE7BMG     | DL5KUT     | IS0EBO     | KD2SC      | KB8KIM     |
| <b>143</b> | NZ6N       | DL5ZB      | NT5EE      | KF5WCP     | KD3UY      |
| AA4MM      | SV2JU      | G0FWX      | ON5GF      | KN4OK      | KG8OU      |
| AF3X       | W1ITU      | JA0CVC     | ON5RKN     | LB5GI      | KI7HO      |
| EI7JZ      | W1NA       | JA1VRY     | VE3FRR     | N1AH       | KK5ID      |
| FM5DN      | W3IZ       | K2YSY      | W0ANZ      | N2TC       | M3DFW      |
| HB9AAA     | W5GOL      | K6CW       | W4GH       | N6XT       | N3TR       |
| JA1MOD     | W6HDG      | K9BO       | W4PV       | NC6RJ      | N4EDT      |
| JF2RSF     | WK9U       | KC9G       | W7KKC      | PA0QRB     | N4QOG      |
| K2OO       |            | KF6A       | W7SX       | SM3WMU     | NN3V       |
| K6LPO      | <b>140</b> | KL7NW      | WX2K       | W2KNG      | ON6YH      |
| K9BQL      | AD9DX      | KU9S       |            | W4UAT      | PY2OP      |
| KE4FW      | EI6JK      | N3PV       | <b>135</b> | WB1DX      | SM7DXQ     |
| KG6D       | JJ1OKK     | N5RN       | AA5H       | XE2AD      | UW7UA      |
| KJ2U       | K0UBR      | N9BVA      | AB4FH      |            | VU3WEW     |
| KJ4R       | K4AU       | OD5YA      | F6FHZ      | <b>133</b> | W3KHZ      |
| KN7K       | K5GZR      | PV8ABC     | GM5YTT     | 7J1ABD     | W4MC       |
| LB2TG      | K6EV       | V31CQ      | HZ1GW      | DL8OH      | W5FL       |
| N2YBB      | K6GCN      | VE3MSC     | JA1DCK     | G4NBS      | WA1HXX     |
| N4UP       | K7VC       | W0UHL      | JA3MIO     | GM1BSG     | WA1KXV     |
| N7ZA       | K7YMG      | W4DWS      | JA7MWC     | HB0WR      | ZS1EL      |
| TG9AJR     | KO4DKI     | W4EJG      | JJ1HLL     | HK4EB      |            |
| W4JVN      | LA8PDA     | WA1LAD     | JL2ULM     | JA5IBP     | <b>131</b> |
| W4UFO      | LZ2HM      | WA5POK     | K3HPA      | JM1JIV     | EI5GM      |
| W7VS       | N5JED      |            | K3WGR      | K6ME       | JH1IY      |
| WY0V       | N7TW       | <b>137</b> | K4OP       | KC2STA     | JK8VMB     |
|            | NS0D       | DL2RD      | KC3RKW     | KG6WIK     | K0ARM      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K7GA       | <b>128</b> | LA2LI      | JP1GVC     | AE5FM      | W1KKG      |
| KA5IAU     | A71XX      | N0AB       | K0MD       | AI5EG      | W5HNC      |
| KB3IFH     | EA1AHA     | N0DL       | K5NOF      | DJ6OZ      | W6HB       |
| N0AKC      | EA3NG      | N1BZ       | K9ARZ      | DS4DBF     | WF5I       |
| NG4DX      | EI3IO      | N3GTG      | KK5J       | G6NHU      | XE2MX      |
| NN6K       | F4GTB      | NA1RL      | KK7BR      | IK0XKP     | <b>121</b> |
| VE3NKS     | HL2DBP     | ON5EQ      | NA7RH      | IZ8LMA     | AB4BJ      |
| W5EC       | JA6NQT     | VE3EDY     | NN6CH      | JA1GLE     | AK0A       |
|            | JH1AWJ     | VU2TMP     | SM5AFU     | JA2HOL     | DL7UGO     |
| <b>130</b> | K6OJ       | W0MF       | TF3MH      | JH1RVQ     | DS4OMS     |
| AA4QE      | K7PTC      | W3KN       | W0XE       | JL3RNZ     | HA2EQD     |
| DL1SWN     | K9YKL      | W4BH       | W3ATV      | K2JGL      | IK6BMU     |
| JA2LMY     | KC2WUF     | WA2BOT     | W4AO       | KC2THY     | JA1CPN     |
| JF2OHQ     | KD5R       | WB2KSP     | W5CWQ      | KD0KZE     | JA1EYN     |
| JH3PRR     | KG2U       | WB9TFH     | W6PG       | KG4OJT     | JA1WTO     |
| JL4BSE     | N0JR       |            | WA4TMJ     | LA2XNA     | JE2DOD     |
| K2MHE      | N5EI       | <b>126</b> | WM4AA      | LX2SM      | J15WDC     |
| KD2NF      | NR0Q       | CU7AJ      | WR2G       | N1GFV      | K1LTJ      |
| KI0HA      | R3BB       | DS3EXT     |            | N6DVR      | K3CWF      |
| KN4JX      | UR9IDX     | EI4HH      | <b>124</b> | N9RE       | K9MQ       |
| N2YF       | W0QD       | IK4TVP     | 7L3SQL     | OH3TY      | KK4ODQ     |
| N5JEY      | W5MF       | IU8GNY     | DJ3EJ      | PY2ADR     | KU2A       |
| N7TM       | W6IS       | JA5CDL     | EC4KW      | SV7CUD     | N3ER       |
| NS4F       | W8BI       | JA5XPD     | EI8IQ      | VE3VHH     | N5ZY       |
| OZ6TL      | W9EBO      | JH4GXE     | G4RGK      | W2ARP      | NA2R       |
| PU4MMZ     | W9TO       | K2GLS      | IT9YOZ     | W2WGK      | NA4MM      |
| W1MO       | WA4UWD     | K5KDX      | IZ0FYW     | W4UT       | NY4G       |
| W2FDM      | WC4V       | K7PO       | IZ1UKF     | WB8TGY     | OZ6EI      |
| W9CTJ      | WP4CQ      | K8GT       | IZ5BYJ     | WU7X       | PP2FN      |
| WB8RFB     | WQ1H       | K9QA       | J11DMH     | YB9WZJ     | TA1L       |
| YO8PS      | ZS6AKU     | KC5RR      | K3SUI      | ZS6NK      | UA0FDX     |
|            |            | KC9WPS     | K6VVK      |            | UR5FLN     |
| <b>129</b> | <b>127</b> | KK4CB      | K7HC       | <b>122</b> | W3/NH7C    |
| AD6KQ      | 7Z1HL      | KM4CQG     | KB8DID     | AA0BH      | W3JXP      |
| AE7U       | AG4TO      | KS4WA      | KC2NJ      | AA5B       | W4CC       |
| DS4EJA     | DJ5DT      | N1GNB      | KC4AA      | AB5YI      | W4KCM      |
| JA0AVS     | DL9GTB     | N5HC       | KD9ZR      | DB4RG      | W5UQ       |
| JA1PLT     | EA4TX      | N8YQX      | KE8NOA     | G0HSA      | W7PC       |
| JA2ACI     | G8BCG      | N9XG       | KK4TKJ     | HC1HN      | W9MB       |
| JA3WMS     | HB9TJG     | VE3TMG     | KV8P       | JA9ALR     | WA7HQD     |
| JH1RFM     | HK6K       | VK2DAG     | N0YO       | K0HQW      | WB7BBQ     |
| JM1CMA     | I2YPY      | VR2VGM     | N4LSJ      | K1AJ       | WQ8T       |
| JN1SUT     | JA0BES     | W7FI       | N5VBK      | K3DQB      | WT3Q       |
| K7ORK      | JE2VYM     | W9COS      | NT4K       | K4VAC      | WU9D       |
| KB4KBS     | JG1LRE     | XE3E       | W0DD       | K9KJ       |            |
| KN4WOJ     | JG5DHX     |            | W6ELI      | KB4ET      |            |
| N9AVC      | JH1HRJ     | <b>125</b> | W6ND       | KN9N       | <b>120</b> |
| PY3OG      | J11MNT     | AC4XO      | W8PAT      | N1ZZ       | AA2T       |
| SM2YIP     | JR1LZK     | AF8C       | WW5L       | N4GRC      | AC4TO      |
| VK5CE      | K2GW       | EI8GS      | ZL3REX     | N9ATD      | AE5LK      |
| W7TG       | K7LFY      | G4EHT      |            | UT9LC      | AI2S       |
| XE1ILI     | KF3N       | IK8PGE     | <b>123</b> | W1ES       | CT7ABD     |
|            | KS8W       | IZ8EYN     | AB9BH      | W1HEO      | CU2CE      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| DS3DNT     | IZ1JIZ     | K1EO       | <b>114</b> | K9DUR      | WN1M       |
| DS5QLJ     | JA6CMQ     | K4GHS      | G3CWW      | KA5OWI     | ZL3PAH     |
| F5AQB      | K9GWH      | K4LCP      | HC1HC      | KB1OIQ     |            |
| IK8IPL     | K9KJS      | K8JRK      | I0BJV      | KB2TGU     | <b>111</b> |
| IT9JPS     | KA9JAC     | K8MN       | JA1CCH     | KC0V       | AD7XG      |
| JA1DCO     | KB3KJ      | KC1RET     | JA1CPU     | LU3JVO     | AJ6V       |
| JH5OTE     | KD9BIE     | KD5RBU     | JA8EIA     | M0NGN      | AK4N       |
| JJ1XVA     | KG5VK      | KQ5S       | JA8WGX     | NA9L       | EI9CN      |
| K3QB       | KX6C       | N0ATQ      | JG4OOU     | S52R       | F8DZY      |
| K9CHP      | LZ1XZ      | N0UCR      | JM3XZC     | SV2DSJ     | G4ZWY      |
| KJ6Y       | N3HYB      | N2ZL       | K1RE       | VA3AYA     | HB9ECS     |
| LU3XX      | N8KUS      | N4KEB      | K2IRM      | VK7ZE      | JA4DLF     |
| N0TR       | VR2CC      | N6DW       | K3PL       | W1FC       | JA5EEU     |
| N1TQP      | W4VG       | OE6CLD     | KB1W       | W3JM       | JE1TNL     |
| N2SO       | WA7ZXD     | RW6MBC     | KI8AE      | W6BBS      | K2KYH      |
| N3DV       | WA8RCK     | SM1NJC     | N3DD       | W7CD       | K5NV*      |
| N3GS       | WB5TOI     | VR2IL      | NA1DX      | WB9YJE     | K8ZEE      |
| N4UFP      | ZS2I       | VY2RU      | NG8T       |            | K9JIG      |
| NJ8G       |            | W1HQ       | NK5K       | <b>112</b> | KI2Y       |
| NR2D       | <b>117</b> | W7WES      | W0QKL      | 3C3CA      | KM5VI      |
| VE3QAA     | AD7L       | W9LU       | W2ZK       | 7Z1CQ      | N4NYY      |
| VR2ZXP     | CE3FZ      | WA4VJK     | W8LR       | DL5FAC     | NT5O       |
| VU3RGB     | F8EZE      | WW5RC      | WD0AJG     | G0DTX      | PT7CB      |
| W1RG       | IS0BZR     |            | WN0L       | G3YFE      | TA1UT      |
| W5RYA      | IZ7QFN     | <b>115</b> | WT9U       | GM0SCA     | TA2RC      |
| W6GJB      | JA9KA      | AA9WO      | XE1EE      | IK4EWN     | TA7AZC     |
| WT5L       | JM3GXU     | AF7WM      | YB2BNN     | IS0BQE     | W7WT       |
| YB0AZ      | K0FF       | E74A       | ZS4JAN     | IU4BJC     | W8PE       |
|            | K4AEH      | HB9MZI     |            | JA4RED     | WB8PKK     |
| <b>119</b> | K9LCR      | HL4RBR     | <b>113</b> | JF3AHI     | WU4B       |
| DL2VWR     | KA4AHU     | IW2FLB     | AB1NS      | JH0LME     | XE1ZTW     |
| F5BAR      | KB2S       | JA0NPQ     | DL2DCX     | K0XM       |            |
| HL2MHU     | KB5CSQ     | JH8LEY     | EA5DPL     | K4HEB      | <b>110</b> |
| JA6JYM     | KO4PY      | JJ2VLY     | EI2FG      | K4ZMV      | AC0B       |
| K7LOL      | KP4ED      | K5TU       | F5EOT      | K4ZRJ      | AG5Z       |
| LU9DO      | KZ1X       | K8CR       | F8GB       | K8CJY      | CT7ANG     |
| N8LCU      | N8AGU      | KB4CRT     | G0UJI      | K9KDS      | DK4MX      |
| ON8PHD     | VE7NY      | KB7V       | G4NAQ      | KH6P       | EA1BLA     |
| SV1BYI     | W3LWH      | KG4URP     | G4YCS      | KY6AA      | EI9HX      |
| SV2KF      | W4ARK      | MM1PTT     | HB9GZE     | N0OK       | G4VWI      |
| VK7AP      | W4PG       | N7PIB      | JA2CPD     | N8AID      | G6MXL      |
| W1ZK       | WB9WHQ     | NE1RD      | JA4CSJ     | NQ4A       | HB9BEP     |
| W3MRL      | YO6HOY     | NG0G       | JF1AZQ     | NZ7Q       | HG6IA      |
| W6ZPL      |            | NW6V       | JG0HEW     | S51DV      | IZ1EPM     |
| W8EOG      | <b>116</b> | OE5MPL     | JH1GNU     | SP2LLP     | JF3KOA     |
| ZL2AO      | 6K2ILX     | SP5BMU     | K1JKR      | W1USN      | JH1FRW     |
|            | AA0FT      | W0LGQ      | K2KNB      | W3WN       | JR2PAU     |
| <b>118</b> | EA5GXI     | W3UNX      | K4JDJ      | W4LLP      | JR4DHK     |
| 6K5AQY     | EI4BZ      | W4OV       | K4JLD      | W5GCX      | K3MSB      |
| AE1T       | G8GHD      | W5WS       | K4TR       | WB2UFF     | K4KAL      |
| AJ6X       | IZ2CSX     | WB4MM      | K5WRE      | WD8LTM     | K4RP       |
| DJ9KM      | JA2KPW     | WJ5K       | K7BWC      | WF4W       | K6DJ       |
| IZ0RPS     | JT1CO      | WS4H       | K7MO       | WJ1B       | K6SLO      |

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| K9TVG      | W7VP       | IC8XIL     | HI7SB      | K5WE       | K8WVA      |
| KF8PD      | WA6URY     | JA3MAT     | IZ4IRO     | K7CMZ      | KE4YOG     |
| KN6HIP     |            | JE1CTA     | JA3AOP     | K8FB       | KE9V       |
| KV3W       | <b>108</b> | K0FJ       | JA3FRI     | KJ8N       | N1FOJ      |
| N1TQ       | 7M4CLF     | K2FJ       | JF7NNI     | KK4MA      | N3PW       |
| N3YZ       | AC8MR      | K2ZD       | JJ1IRS     | KR0P       | N4PAJ      |
| OE6BME     | AC9DX      | K4LQ       | K6VWE      | KZ4EX      | N4ZR       |
| PV8AJ      | DB9CR      | K6DLB      | KA9TOX     | LA9JKA     | N8TEM      |
| TF8GX      | DL1TPY     | K7UWR      | KI4NSP     | LZ1JZ      | N8WXQ      |
| W1ZZ       | DL2AMD     | KA4LBD     | KM8V       | N2YU       | NA8W       |
| W5JE       | DL2NAI     | KB0EL      | KT5V       | N9APK      | OM6CI      |
| W6TCP      | DM5TI      | KF2G       | M0PCB      | N9IXD      | OZ9U       |
| W7YED      | DU1IVT     | KF6XA      | N4DJT      | NC1M       | PY2YW      |
| W8TE       | E70X       | KI0KN      | N6UOZ      | NK7L       | RV4LC      |
| W9GFB      | EA5XV      | KJ4FZ      | N7MW       | OH6IH      | VE3ZN      |
| W9JJ       | G5CL       | KR4U       | N8OYY      | PV8RR      | VK3MB      |
| YB1SKR     | IK1RKN     | LU5OM      | N9ZJ       | VU2DED     | W0VU       |
| YO5QAW     | JA2DCN     | N0MHL      | NG4C       | W1MRH      | W5PD       |
| ZS5LEE     | JA2KGQ     | N1UZ       | NI7F       | W1PY       | W9GXR      |
|            | JH1OVY     | NC7M       | NS7K       | WB8LEM     | WB4HMA     |
| <b>109</b> | JR4NUN     | NI8Z       | PT2DF      | WD4OHD     | WB7QXU     |
| AA4RX      | K1FUG      | OV2B       | PY2OC      | WK3A       | WF8Z       |
| AC8AZ      | K3XO       | PP5VA      | UA0ABB     | WZ9B       | WX0B       |
| AF3K       | K8LBT      | RM6LW      | VE3BHZ     | YU1LD      | YB1BUL     |
| DL9QJ      | KC8YG      | SV3EXP     | VE3XK      | YV4EH      | YO6HSU     |
| F5DBT      | KE3ZT      | TA1CQ      | VU2MB      |            | ZS6HON     |
| F8DHE      | KE7AUB     | UX5XK      | W0TLX      | <b>104</b> |            |
| G0MMI      | KI4SFT     | V31MD      | W4/KL7GLL  | 7N4OBV     | <b>103</b> |
| JA5GOJ     | KJ2AM      | VA2GA      | W6KF       | AA2WC      | AF8P       |
| JA9IWR     | KJ4SKO     | W5HY       | W7GB       | AA6XV      | DS5JMG     |
| JH4GNE     | KO4XI      | W8JA       | WA3IIA     | CT3DZ      | EA2RY      |
| J11IZS     | KW1X       | WB2BXO     | WA8Y       | DD8BA      | EI9GLB     |
| K0FD       | LU2AH      | WB2MKX     | WV4E       | EA4EJP     | FM4LV      |
| K4AEN      | N2IFA      | WC2L       | ZL3RIK     | EI3HA      | HB0RER     |
| K6JAD      | N5FPW      | WM4W       |            | EI4GNB     | JA7HYE     |
| KB3Z       | N5TW       | WS7I       | <b>105</b> | F6ARS      | JF1KIG     |
| KB7DT      | N7TP       | WU1U       | AA2F       | FM5FJ      | J11FXS     |
| M0AQM      | TF1A       | ZP6CW      | AI1W       | G0DRM      | JP1KHY     |
| N4LS       | VE7VV      |            | AP2IA      | GW0ANA     | K0OOK      |
| N4WD       | W4DVG      | <b>106</b> | DL9GTK     | HA5DI      | K1FBI      |
| N6RVI      | W6CN       | AB6WQ      | E29TGW     | HB9BMY     | K2RNY      |
| NN8L       | W7SMW      | AC7DX      | EI6GF      | JA1CC      | K3PIN      |
| NW6R       | WB5ZAM     | AC8IL      | G3LOJ      | JA1DHY     | K3TXW      |
| NX1P       | WC4B       | DS2GOO     | GM1TBW     | JA1RBY     | K4NI       |
| NZ3M       |            | DS5MNO     | HL4GHT     | JH1MYJ     | K4PWS      |
| PF7M       | <b>107</b> | EA3AGY     | JA1JYS     | J14HKA     | K4SAW      |
| PV8DX      | AB7RW      | EW4DX      | JA1SZN     | JQ2MPJ     | K6XJ       |
| SP7ASZ     | BG8PA      | F5VIF      | JE6UWU     | K0BRO      | K7HV       |
| T88UW      | DJ5FZ      | F6JSZ      | JJ2BLV     | K1TWF      | K9WMS      |
| W3GP       | DK2GP      | G0OJG      | JK1AIA     | K2CQW      | KA7CVJ     |
| W4JDS      | E73D       | G0RPM      | JK1AKA     | K4WW       | KP4DDY     |
| W5SG       | EA2BFM     | G3LPS      | K0MB       | K5JUC      | KQ6K       |
| W7CB       | EI5GSB     | G4FVZ      | K1ETA      | K7UW       | M0UPL      |

|            |            |            |        |        |
|------------|------------|------------|--------|--------|
| N1MIE      | WB4PWZ     | PA3AIN     | IK7NXU | N5CR   |
| NB3R       | WB7QBS     | R2ARR      | JA7PKV | N5LJL  |
| NI5G       | WD6T       | RZ6MJ      | JE7KCI | N5LKE  |
| RX3BP      | WD9IOK     | SV2BXA     | JG3LDD | N7WFK  |
| VE7XT      | WN9A       | SV4FFL     | JG5VFK | N7WR   |
| W0PPA      | XE1SAX     | TG9AKH     | JN1RFY | N8HM   |
| W2SUB      | YB0EIN     | UA4PK      | JR4VEV | N8URE  |
| W4CU       | YB9AY      | VK4BUI     | K0JDD  | N9MKC  |
| W7KHZ      | YO6BHN     | VU2OT      | K1HC   | ND0B   |
| W7UV       | ZS2ACP     | W0ZX       | K1JX   | NE3K   |
| W8EH       |            | W2FDJ      | K1PTF  | NX6D   |
| WA8KNE     | <b>101</b> | W2GHD      | K2UF   | OM2AGN |
| WC9C       | AA9D       | W3RMS      | K2UT   | OR4K   |
| YB1ALL     | AB2NI      | W3SW       | K3NO   | OZ1GCT |
| ZL1IM      | AB4EJ      | W4PM       | K3RRR  | OZ9GA  |
|            | AB8YZ      | W6OU       | K3WSU  | PY5VC  |
| <b>102</b> | C31MF      | WB5KSD     | K4GM   | R2AB   |
| 4X1VF      | DD9WG      | WM5H       | K4KYN  | UR8IDX |
| 5H8HZ      | DL3XAC     | WU6K       | K4QS   | VA2EU  |
| 5W1SA      | EA4UV      | WX7B       | K4RSA  | VE1JF  |
| AC0XY      | EA8TZ      | YB8HZ      | K5LLA  | VE3KKB |
| DB2WD      | G3VDB      | YO2OXD     | K5MMH  | VR2PX  |
| DL4FDM     | G4GEE      |            | K5PSN  | VU2OY  |
| IC8SQS     | G4PUQ      | <b>100</b> | K5VSD  | W0RMS  |
| IZ7QSS     | HB9PUE     | 2E0XAR     | K5YE   | W2MW   |
| JH1IHG     | IK2HLM     | 9M8DEN     | K7VL   | W4CG   |
| K1MDA      | JA1KZP     | A41ZZ      | K9EA   | W4DFU  |
| K2DH       | JA1QEY     | A71EM      | KA2F   | W4YR   |
| K2DW       | JA5ALE     | AA7UN      | KA4H   | W5YKU  |
| K4HR       | JA5JUG     | AC0DH      | KB4DSL | W6OZI  |
| K6BLG      | JK3NSD     | AD4J       | KB6IGK | W9KM   |
| K6JAV      | K0GEO      | AE4VJ      | KC5N   | W9ZT   |
| KA1CTL     | K3AXB      | AF9W       | KD1DT  | WA2ALY |
| KA8HDE     | K3LA       | AK1P       | KE1IU  | WA2VJL |
| KB1AWM     | K5HX       | AK4AO      | KF5MDZ | WA3UTC |
| KO3F       | K8PGJ      | DB6VH      | KF5TL  | WA3YZD |
| N2CJN      | K9GL       | DC1TK      | KF9EX  | WA6VZN |
| N2FY       | KB5YN      | DK1MCS     | KG4IYS | WB0RXQ |
| N4IR       | KC3OPI     | DK7GH      | KI0G   | WB2ZEX |
| N8KOJ      | KC4ZA      | DL3ANK     | KI3O   | WB6RAB |
| NA4D       | KD2RUY     | DL5JH      | KI4PG  | WB6RJH |
| NN5O       | KE9UA      | DS4GQR     | KK6MF  | WD1M   |
| R9GM       | KJ5RC      | EA5PS      | KL2R   | WD4GZW |
| S51MA      | KU4A       | EI2HZB     | KL7XO  | WI0E   |
| SM0XG      | LA3ANA     | EI4DQ      | KR4Q   | WK7W   |
| US8ZAL     | M0PTZ      | EI4GJB     | LA4EI  | WM4D   |
| VK2GR      | M5LRO      | EW4A       | M1EMC  | WM9Q   |
| W1GF       | N3CAL      | F5JWH      | N0JX   | WU1T   |
| W4GHW      | N4PF       | G0GFC      | N0KM   | YB6LAY |
| W7FS       | NC8I       | G8GFF      | N0VTZ  | YE1AR  |
| W7HJ       | NJ2X       | G8GNI      | N1KI   | ZS6CR  |
| W7IMU      | NZ1I       | GW0KRL     | N3NVA  |        |
| W9GWP      | OZ5JQ      | HB9HFM     | N4GOA  |        |