

ARRL DXCC - 80 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 14 May 2025, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

358 W4DR	347 JA4DND K4DY OZ1LO SM4HCM	SM5CEU SM6GZ W8UVZ WB9Z	UT5UGR	SP7VC
357 W1NH		340 JR3IIR KG4W N6AR OZ3PZ UA4CC VE3EJ W3YX	335 JA1BK JA8EAT N2TK UA6A W4VQ WA4FFW	330 9A7V G4BWP GM3YTS IK4GME JA5EXW K6SSS K7ZV OE3GCU RU3DX SV1FJA VA3DX W2YC W5ZN
355 EA8AK	346 I4AVG JA2VPO JR2KDN SM6CVX SP2FAX	339 JA5AUC K4ZW OH1MA UA3AKO	334 DK5PR F6BKI GM3POI JA8DNV K0KX KF2O NR1R OZ1BTE SP3EPK W0BV WD5COV	329 AA1V CT1EEB DJ2YA EA6SX F5NTV G0JHC IK6DLK JA1HGY JA4LKB N8JV OZ1CTK RA3CQ SP5CJQ YO3APJ
354 K4MQG K5UR OH1XX	345 4X4DK K4CIA N0XA N4CC	338 DF3CB DJ9KG JH1GZE JH4IFF K5RK N0TB NN4T R4GM W4QCU	333 IK4WMA JH4UYB UA3AB	328 G3KMA GM0GAV HA5WA I5KKW I5NPH IK8HJC JF2MBF K0SR
353 JA1ELY OH2BU W9ZR	344 SM5AQD UA4HBW W7UT	337 JA3FYC K3UA W1YY	332 DL4MCF EY8MM I4EWH JA5AQC OE6IMD UT5UIA	
352 N4WW W1JR	343 K8MFO LZ2DF SM3EVR W3UR	336 HA8IE JA2WYN N3XX SM3GSK UR0MC		
351 K2TQC SP3GEM W1NG	342 JA2JPA K4ESE N1DG PE5T R7LV W1MK			
350 SM0AJU W4ZV	341 DJ6RX OH5VT PY2XB			
349 HA0DU SP5EWY W4AG				
348 JA1UQP K4PI W3LPL				

K3FN N2LT N3SL N4CH R3OK SM5KNV SP8AJK UA3DPM W3NO W5EU	OH1TX PY2BW R7DX SM3NRY SP6HEQ UX1UA VE1YX W4PK	SP5DIR SV8CS UA4LY WI8A	314 AA4HP DF2UU JA2FBY JA3PIS JH2TPI K6XT K9CT N5DG OE5KE SM6CTQ	JA1EOD JJ2LPV JO1WKO K2RW K2UU K4XO K9ZO N8RR
327 DL1RWN EU7A K4UTE N2QT RZ3AM S58T SP3E SP7GAQ W8AV	323 CT1APE EA6NB HB9BIN HB9RG JQ3DUE N0RR N3NT RV3LO UA3AGW UA6MF W0FLS W4DKS WX4G	319 AA4V F6AOJ I0WDX JA3CSZ JA5MHD K4IQJ K6EID N9US R5AJ	313 DF4PL G3LZQ HB9AMO IK2YCW JA7MSQ JR7VHZ K1MM K1ST LA7JO SM6CMU W5OZI W7OM	309 DK1FW IZ5DKJ JF1PUW JH2FXK KG7H N4II OH1LEU SM6DHF W0VTT W1DIG W4UM W9RN
326 HB9BGV JA6BZA JG3QZN LA5HE N4XU PY2YP SL0ZG VE7SV	322 IK1GPG JA1XEC K2FF K4QL K4SO K8GG R7NW SP9DWT UA3LAR	318 JR3GWZ OK1AWZ SP6CIK	312 DK5WL G3TXF G3XTT JA5IU K5EJ K5KC K9NW K9RX LZ2JE RK4FD RX3AGD SP1S VE2TZT WK3N	308 EA9IE EI7BA JH4ADV JJ3PRT K3JGJ K5ZK N4MM N5UR SM6CCO W1TSP W2RQ W7AO
325 AA7A AG9S IK4DRY IK5HHA JA2QPY JA3EMU K5BG N4PQX OE1WEU OH2FT PA3FQA R7AA SP3IBS SP8NR W1GL W9RPM YU1FW	321 E72A EA5BM F6BEE JA2JW K1ZZ K4XP N0AT N2NL N4XM NO8D UT7UJ UY5ZZ	316 AA6YQ DL1DUL G4PWA JG1ULJ K9FD* N7RT SV1RK W6XA	311 DJ5FI DL2OE IK4CIE JA0UUA JA1SYY K2UO KW9A N8TR ON4AOI RN3QN	307 JA2JNA JR4OZR K0KT K3YA K4SV NQ1K OE6DK R9TO VE3XN W3LL WB8ZRL
324 9A2EU IZ0AEG K2RR KD5M NJ6P	320 G3TJW K1AR K8PT R9FM RU3FM RY9C SM5BFJ	315 AA1QD G4CCZ K0IEA K5DU K5OVC K5XI N8PR OZ1ING PY5HOT R3VA RX4HZ YO5BRZ	310 DL5DSM EI6S	306 DJ8NK JE2URF JH3VNC K5EK K8SIX WB3AVN

305 AC4G F6BLP FK8CP G0DQS JH2UVL K0EU K1DC K5AQ N1SV N4DW W3AP	DK2JX EA1YO I1EIS JA2DPC JF8QNF K2TE K5UO K9MM K9NU KE9L OE1ZL OE5NNN VE3EXY	SM4DDE W1RM	293 AD5Q IV3YYK JA2ZL JK1OPL K8FL NI6T SP3CGK VA5DX VE6WZ W1BR	SM6DHU
304 AD5A I4LCK JF3KON K3WW N4AH N5AW NI0G OK1MP* ON4IQ RA9CMO SP9JZU SV8BHN W3GG	300 F6DAY IZ8FFA K4CN MD0CCE N0AV N7US OE8HIK PY7DJ RA0FF UA9FAR W1CU W6YI YO7LCB	297 AB6QM DJ9HX DK2GZ EA3GP F6EXV K4MWB OE2LCM ON4IZ OZ4O W7DO WA7NB YV1DIG	292 K1LD K4ZYU K9EU SM3VAC SP5GH UR5EDX W2LK WA3C	288 9A2JK 9A4T IZ1LBG JA2FJP JA3AAW K9KU KC7V KN5O NK1K SM5CZQ W1MU W2IRT W6XK W7ZI W9MU
303 HA7TM JR1TNE K2CL K3UL N4DB N7FU W2LO W4DC WA2VYA ZS4TX	299 AI9L I0KDF JA0EOK K6ND K8ZTT KC9ARR KV7K KZ4V N6JV OZ1AXG RA3QK W9IXX WA1JMP WA2HZO YU3AA	296 I1FQH JA7QVI JS2LHI K1DG K2SY LA8PT ON4CD UA3TT W3KX	291 DL5AN EW2A JA2IVK JF7XKY JH0INP JH1IFS JN7FAH K4HGX N9AU* PY5EW RW7M VE1DX W9OP W9XY WT8C	287 EA6VQ F2JD JA3AZD JA6BZI JH4JNG N8DJX N9EN OE8RT SP7HOV WA2UUK WS6X
302 DJ4AX EA4KD JA1KQX JA9FPI K1FZ K5KLA K5MC N4NX R8TX SM6BGG UT2UB W8GC	298 HB9BZA JA0CRI JR6PGB K2VV K4HB KX4R N2TN N5TY* R5DT SM3NXS	295 AA6AA AB3CV G4OBK JA9LJS JF7DZA K9YY LA3MHA OZ8BZ SP6CDK W0YG WA5VGI	290 AJ1H CT4NH JA4MRL LA7AFA SM2OAN WP4U	286 A45XR AA9A I3BUI IK0XBX JA0GJJ K2SHZ NN4X RA1QD RU6L W0MHK W1YM W4FC YS1RR
301 DF2IS DJ9VA		294 DK5AD IK4DRR IV3JVJ JA2EPW JA9PPC JO7WXN LA2XPA LY1G N4QS N5ZM OE5FIN OH2BLD R6AF	289 9A4W JA2XYO JA4DLP JF2UPM K0XN N1AC N8BM* OM4EX SM0CCM	285 K1DT K5RT N5KM NE1B NM6V SP7ITB WB6RSE

284 AD1C G4IUF IW1ARB JA7ZP JH1TWT K3WC K8BCK KA9CFD PY5EG UN7JX W1ECT	279 DL4CF E72U I4KDJ IT9JNR JA2AAQ JA4DEN JA4FKX JI2KXX KF0QR N8LJ SM5FUG SP1MGM W1ZK	N1RR N5FG ON4ACG SM4CTT SV2AEL W1KSZ W5AJ	270 IZ8XQC JA2THS JA4FHE JD1AMA JE2LUN JF1UVJ K0DEQ K1NTR K5PC N3KV SM4AZQ W6SR WB9CIF	JA4IYL JL1ARF N5OK ND0N SP8FNA
283 AA1ON DL5WW EA1N G4WFQ JF2XGF K0CS K1HTV KM1D MM0EAX RU3QR RW4NN SM6BZV W0FS	278 4Z5MU CX6VM EA2IA HB9DDZ I6FLD IK6GPZ K7SO RW3RN US0KW W1UK	274 CT1BH F4BKV I1JQJ IZ8VYU K1NU LA7HJA N6ET UN9L W3DRY W8TE	269 IV3GOW JA2BDR JA4PXC K6SIK NX0I VE3FF W2SM	265 AJ3K K0TT K4TT N7GR N7KA N7XR SM0NJO W6UC W9YSX
282 CT1IUA DK3DG DL9TJ EA5RM G3WPH K3PA K8YSE LA9AJA UW2ZM W7BEM	277 AB4IQ AJ6T DL6KR EA3JL G0OIL G4GIR HK3W IZ8FWN JA3FGJ JE1PNX K6YRA K9US LU2NI ON4GG	273 AA5AM AH7C EA5BY HB9LCW JA1HQT JA1SJV K4JJW K5FUV K7XB RN3CT SV1DPI UN6T W6TMD W7WM WD5K WN6W	268 DL5ZB DL6ZXG EA7TV EU1KY HB9HFN IK7JTF JI4POR JL1UXH K4SE K8NVR KB0EO N7RO W4OX WB4TDH WB5JID	264 KD6WW SP1JRF WX0V
281 DK2NG EA6ET K1OA K4NA ON4ATW W9AJ	276 HA9PP K8WK OE2BZL VE3LYC W5TCX	272 HB9DDO JA1ANR JA9NLE KD0Q W1TYQ WS9V	267 DL7BA JH1NYM JR3OEH K1FK K4JLD K8BN LB8DC W4YV WE9R	263 EI6FR JA5XAE K7EG KP2A N4QQ NY0V RM0F SK3PY SK7AX UT7UV W6RLL ZS6EZ
280 AF9H CU2DX DM5EE G5LP JA8ISU K8EUR N6DX NV9L	275 JE1SYN JE7ETY JE7RJS JE8BKW K0JUH K3MSB	271 AG4W DJ5AV JA6LCJ K5XX K9MK N9UA NA5C VE3BW VK3QI	266 CT1FMX EA3WD JA0DIN JA3ENN	262 K3KY K7BG K8GI WF4U WO2N
				261 JH7IAJ K2NV K8VC K9XD LA3WAA W5XC W7MO W8HW
				260 JA2KVD JF3LOP K1GG

K3LR N7NG W5LT ZS1LS	OH2IS RD3AW W4WM W8OI	N1EN NE8P SM4EMO SV1JG W3GQ W7KW	GM3PPE IK3SWB IW0SAF JA3GN JA3MNP JA7MOL K0BBC N4TJ N6UC UR3EO WX0B	242 EA3GHQ F5PAC IZ8DFO K1LI K2PK K8ROX LB6KC NO2R NW7E PA3EWP PY2SP PY2XU SP5IWA SP6A TF3SG W1YW
259 JA2NDQ JA9NFO JH1ORA JH9AUB K1BD K2LS LA5LJA N2TU SM6CUK W8UV	254 CT1GFK DJ5JH EA5AT JA5BLB K3SV K8TL KB8VAO KE9ET N3QE N8OC VE7AHA W7LR WD8PKF	250 HB9DHK IZ3ENH JA1MRM JA6BJV K1HT K5JZ N9FN RN9N WA9PIE	245 DL1DA DL5EBE JA2VQF JA9APS K0II K3RA K6SRZ PC3T PY4OY RU6M SM4BNZ W2KKZ W2WG W3JX W5ADD	241 EC3A G3KWK G3VPW IV3DXW JA0DWY JA1IZZ JH1RFR K9OT W2JU W4BP WA3AFS WB9EEE
258 AB9V DM2DXA JA1FQI K2AZ K5GKC KR4F R9SA UN7LZ W4FQT W6RW W6VX W8LGJ WO7R	253 CT3MD DJ4XA DL5CW JE1BMJ JG0CQK JJ3HGJ K1LPS K1LT K3JT YO2DFA	249 AA4R DF2RG DL4SZB IK5DNF JH1OBS K0BJ K4XI K6AM KF8UN LB2TB RD3A WA9CVK	244 DF3UB EI9FBB JN1RQV K4XD K6KO N5LZ SV3DCX	240 AF4HX F5LVL I0JBL IK4PLW JA9FAI JE7JDL K4EM K5TA KB1JZU NS6C ON4ON VE3VHB W2XI W8TN
257 I2TZK IK2QPR K2TK K5WK K7NN K9IR NA2M* W0GJ	252 4O3A DL8OH EV1R JA7JWF JA7MA JF1WPB JF6DSZ K3ND K4FJ K7LJ N5UL N9BX NU8Z PY2RO RU1AO W1YIF W5CIA W6NWS WA8WV	248 AA1AC AA4MM DK3WW DK8MCT F6GCP JA8RJE JE1LFX W1VT W9OO	243 9A1AD I2EOW JA1GTF JH0BQX JM1FHL JS3CTQ K0VSH K9JF K9MBQ KK4CB LA2QM N4GN N5TW W7SX W8DCH WO2T	239 G3KMQ JE3ENP JN1BMX K5ZD N3MN PY2KP SM5OJH UX5UO
256 AC6HY CU2AP DF2GH G3VKW HB9CXZ N5GH W2FCR W5ZG		247 F5CQ IK8EPC JA1RTX JA1WSK JA3APL K9OW RA5BM W0DJC W8HC WA6F		
255 EW4M IK0HBN JA9TWN JP1IOF	251 EA5KA G0EHO K6FG	246 E73Y		

W5FI W7ZJ	KD3CQ KQ8M LU3CQ N5MOA N5ORT NE0U SM7HCW W0TT W7/DL1UF W8KEN WB7B WB8BPU	K0KVR K1EFI K4XR KS1J N1IBM N5JB N9RD VE7JO W5ODD YL2KF ZL2IFB	OZ1LCG RN8W SP8HKT VE3CRG W1SKU XE2X	W1LW WA4LOX
238 G0BLB JH3CUL K2SX K7SP N9RS VE7DX W7CT WA2NPD				223 DS1JFY EI9JF EU1U JA7BWT JH1BNC K3ANS K7LV K9RT LB5WB N6HC N8PW SM5CBM UR5FEO W0HBH W5VX W6SL XE1VIC YL2TW
237 AA7G BH4QYX IK0AGU JA9AGN JE2LPC JE2OVG JR1BAS K1RO K8FH KG6I KI5BLU N1ZZ N5XZ OE3EVA W4ABW	234 HB0CC IZ5MOQ N5ZC OH1ZK SM7IUN SV1ACK	229 JA1XAF JH8GYP K7BV* K7WP KA8SYV KB1EFS KT8X N4HB N7QT OE6CLD WB8B	226 AE5E DJ9ON EA3CJ JA4ITW K2EK K4ZIN K6EME NE3F PY2NQ VK3HJ W2GG	
	233 JI8DGO K2UR K4WA KQ3F KT1V N8BJQ RA3SS	228 DL6UAA EA1DLU EA8BYR I5HOR IZ8GGF JA2HYD JH1HHC KD0PO N3RC OZ7OP W0CP W4HG	225 EA1AF I8JIT JA2FBC JA6BEE JA8DRK JH1QAX JH4PMV K0SD K9MMS KU0A N2DPF N2JJ N8KOL OZ2RH PE1L RU3A UA0BA W6BJH W7Yaq W8CZN	222 CT1FCX EA5RU EI2GLB HB9AAQ HB9CEX IK0PEA IZ8IEV JA5FBZ JR6FC K4WM KF7PG N2BJ N6MZ OE8SPW ON4CAS W3BW W5VQ
236 DL1AP GM3YOR IZ0RVI JA7QFU JJ1DWT JR2LJO K1ESE K1USA K4ZO K9YC LA0FA LA5YJ SM3CBR SM5CAK W1ZT WE0Q	232 DL1DUO F3SG JE2DZC JH4ALY LA9VFA NX7K RL3FA S54A W0LS	227 DL6JZ F6FXU HL2WA IK4FNF JA2CXF JF1IRW JH2SON JK1EXO K3SEW K4JAF K4RO K5PS K5TT K6KLY K6RO N4PY N7IR	224 AI2Q CT1EAV DL6MRS DS5RNM HB9SLO JA8EKU JH8RZJ JK1AJX K5OT K5VIP K8JJC ON5UE RM3DA VE3CFK	221 A65BR AA5AU G4XRV IZ2EWR JA5BEN JE6TSP JR6LLN KI0KB N0KV N4TV NA5DX OE1AZS PA3CSR SM3LGO
235 DO4DXA HB9BUN JA7LMZ JH4HMG JH7RXU JL1RUC K7PI K9FN	230 JA6VQA JG1WSC JI1DHY			

W0VX WB3JFS	EA1RT JK3BLD JR7FRW K8QM N4ONI N7TY N7UN UT3UZ W0DD W0RX W0SZ	SP7CVW VE7SZ W4VIC	209 AC4TO AE0P DM1TT HB9CQK IV3VBM JA2XCR JA7LGE JG4AKL JT1CO K8RRT KJ6NZ N3KS N4XP RU1AB UA3ECJ W3OOU W4ZX W5SL W7NN WB8ZRV WL7E ZL2AL	RU9UC WS5W YO2RR
220 HS1NGR JA0AOO JA1PTJ JR7WFC K1KI K1YR K4EA N4EFS UN7TW W8RLS	215 5B4AHJ DJ9RR DL1SMA K1GE K7ZA KB2FCV KF6HI KX2A LA7WCA N1GC N2WB PA0ZH PY2MC W9ILY WB8K WC4X YB5QZ	212 DL1HRN DL1TRK IZ5JMZ JR3HZW K2AX K7VV K7WJB KL0S LA9GX N9ISN NN4SS OE3SGU RD3BD SV1GRE W3RJW	206 AA8CH AB0CT JA1FNO K6NR KA1J LA6UL NA9RB W1NA W2QO W7AL W9YE	
219 HB9TKS JA2TBS K6FW KE9I KQ4AV N2WLG N4LR SM0BYD SP6M	214 E70T HB9IQB JA1OND K0LUZ K1KA K5WAF K9NR RU0SN W2AY YB0COU YO3CD	211 CT3DL JH4CPC N2LM PA7TWO RX4HW SM5AOG W1AO W1OPD W1WC W6SZN W8MET W9EWZ WW2DX WW3S	205 JA0NZR JA2ATE JA8EJO JH6PFY K1UU K2MYR K5QX K6ZZ KA8ZPE KU4XO RT0F W1SSN W5DAW W5VY WA0I	
218 CT3HF JA2AHH K1XM K4MS KS3F S55DX W5FKX WB8CQV		210 AA8OY BH4IGO DJ5DT JG3LGD K5VWW K7ORK K8KS K9TF KG9Z KJ9C KT2E N2NS N5BO N9JV W4WT W9JJB WA5POK WB5XX	208 EA8AXT GW3SFC JA0DET JA1NWD JA5WIZ JA6WJL JH6JMN K3FRK K7ZD K9ZM N4TL RQ3A UA3FF UW7UA W2OO W4MAY WE1P XE1KK	204 AI6Z JA8JO JH4FEB K1CA OH8NW SV1VS W6KK
217 IK2ANI JA1GRM JA3LDH JA5JUG JE2EHP JK1GOK JR2UBS JR5JAQ K6DT OE5RLM OH6NIO ON6AA W0AWL W1RR W6AUG W6RKC W7HPW	213 DK3UA DK7YY DL1SDH EA7SG EW1BA JA7KY JI4WAO K3OX K4RG N8II NN4R NR4M		203 DJ3GW EA8AKN HA7UW IK0HFO IK4HPU JA3MHA K1IT K3GT K3OSX K3XA N0RN N6HY SV9COL	
216 AB5C				

VE6LB VE7UF VK3BDX W8KA	IK5RUN JH4GJR K2XF KJ6P SM4BZH UA0SC W2GW W3OA WA1S WB1S ZL4AS	UT7KF W2FV W2YE W7AH ZS1A	YL3DQ	K1ZN K2QMF K8TVD K9GWH N0RB NI5F OH3OJ PA5TT PY2VA RA3QUA SM2DMU SP9WZS W0YK W2LE W5KFT WT3Q
202 JA8BNP JH7BKN K2FW K6TAR K6YUI PY5CC SM3PZG W5BPT WD9DZV	198 CT3KN DF7EE HK4SAN K0DEW K5GH NA4EA OH1JP SP1DSZ UA3O W2PS W9PZT WD4LBR	195 A92BE AA8LL AC6T DS5TOS F5PBM HB9DOT HB9RYZ IZ2FOS K4MF K4OY K9GA KA1ERL KX4TT N1NY N8SNM NA2P SM5CLE TI5RLI W4RDX W8FIB WB4YDL YO9FNP	192 AE6Y I2YWR IK5ZUK JE8TGI K6PJ K8UT N7BT SV2DGH W1EQ W4GIW W4RFZ W5ZO W8GNM WA4BIM YO3DDZ	188 IK5CBE JA2FGL JN1GTG K0TV K7WE KA4RRU SM7GIB SV1FKZ W4GE W7IV WV4TN ZL4TT ZP5JCY
201 CT1BWU F6ECI HK1MW JA1LSP JE1CTA JE2RDO JG8FWH K1JIU K8YTO LA6OP SM5ENX TI5KD W2CG W6AEA	197 AC9EM DL9FCY JA2IYJ JA3CMD JA8XQI K4CMS K6UT K7UR KD6UO KM4H KZ0X LU8EKC N0AH N1RK N7HN NG0T PZ5RA R9MJ	194 9K2OD JH4ADK JI1NJC JR7XOD M0CSD N1PM VK3NX W5CWQ W6ENZ YT2AA	191 AD6W JA1PMN K0GY K1TO K7FL K9OR KF0LA KR2Q N8NN NX1L W3ABT W4UCK W6RS WC1M ZS6WB	187 DH0GSU IT9BLB JA1OVD JA2VMU K3PP K4WZ K8DV OM7CA VE6SV
200 IK5MDF JA1SKE JA4XH JA7JI JH0RVY K0KG K7ZBV K8ZH K9ALP N4MHQ R3IS SP6JIU VE3YF VU2CPL W2/CT1GIF W2OIB W5GZ W8WRP WA4CEM WZ8P XE1H	196 G3SVD JA1VLK K2BA K4CM K5FNQ K8BL KK1W N7WS NA2AA PY1OL	193 IK0LNN IW0HQE JR4LNG K1BZ K5FZ K6UM N1JP N5UW ND5S PA0JSE SM4CTI SM7BHH SP5ES W5WP	190 7K1PTT EA2AFV EW3CW JA2KSP JJ1SKG JR1MLU K4MZ KQ4EE KU4BP N6GP N9SF OZ8SW SP3EPG UA0FO W7SLB	186 G3NDC IT9GSF JH1AGU JH2AYB JH4CBM JR1BLX JR3UIC JR7MAZ K5CD KD2T NE0DX OZ8RO SM3PHM
199 I4MKN			189 AA4NC JA1DM JH1APK	

SV1FJP
W1ITU
W3MR
W4SK
W5PF
W8JRK
WA7TZY
WB2AA
XE1J

185

AD7L
DK4TP
DL8PG
EA1KK
EW1P
HB9DHG
HI3T
IK4AUY
JA1FJJ
JA8UIV
JR4VMS
K1RV
K4KGG
K8RYU
NA2X
W5QM
W8HB

184

AK1L
EA4CQT
IZ2AMW
IZ5RVG
JA6CBG
JA6TMU
K3GGN
K5KG
K8NK
KI4DLS
N2RJ
SM5FWW
SV1IW
W1UE
W9FI

183

DJ5IO
DL1KUR
EA1JO
EA3GHZ
EA8RR
F3AT
GU4YOX
HB9BXE
HL3GOB
IK5PWN

IT9CVO
JA1DOF
JA8NFV
JA9CWJ
JQ6RUP
K8AJS
NA2U
ON6YH
R0FA
R9JX
W6JTI
W8IQ
WA4TII

182

4Z4DX
F6DBX
I5OYY
K0MD
K7UA
KE1F
NA5Q
ND3F
NW6S
NY2NY
VU2NKS
W1PX
W5DNT
WP3R
ZS2DL

181

AA4DO
DL6CNG
EI2JD
JE8CLT
JH1ROJ
JK1BSM
K1RH
K3EA
KE4UW
N6PM
OZ1IKY
W0GG
W7HR
W8OP
WD0DAN

180

E21EIC
EC1A
I0OSI
IK7FPV
IZ4DPV
JA1DOT
JA4VUQ
JA6GIJ

JA7IC
K0LU
K2CBI
K4AV
SV1BYI
SV2DCD
W2KA
W5WQN
WK7E
WY1G
XE2CQ

179

DL2CHN
DS3HWS
IW3GJF
JE2HCJ
JF1RYU
JG3SKK
JH1RFM
K0TPP
K7ACZ
KA6BIM
KD8RQE
N7TR
OZ7FOC
W2WC
W5GAI
W8LMG
WE4S
YO4DW
ZL1BYZ

178

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N3NR
OE2SCM
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VE6AX
W6DR
WA5IPS
WF2S

177

AA6RR
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JA4DHN
JE8LWZ
JR6GIM

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K5UZ
KA2CYN
LA8HGA
N6RV
NT2A
RA9SC
VE3OI
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WD9Q
WQ7B
WT4Q

176

CU2CE
HB9EFK
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K4VIG
KB4MRX
KJ7M
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PY2WC
VE7VV
W3FI
W3TN
W9DX
WA1FCN
WA1PMA

175

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JA1JAT
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JA8LRG
JH1DGQ
JM2RUV
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K4JC
KW4MM
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N6PAT
N6ZN
NY3C
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SP5JXK
VK2DX
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W7CD
WA0RVK
ZL3JT

174

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N1NK
PA2TMS
SV3KH
SV9AHZ
TZ4AM
WA4JQS
WB2WPM

173

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K9SG
KI4GE
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KZ1W
N0OK
N5WA
N6NU
N6PSE
NJ3K
SM6CLU
W3BJ
WA4DOU
WF4G

172

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W4WJ
W5JMW
YB1UUN

171

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JH1WJR

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N6UK		HA5BSW	K5RJ	N2BT
OH4UI	167	HA5WG	KT2C	N3RR
W1OP	AA7XT	IV3BKH	LU2AH	N3XM
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W4NJ	I0KRP	JA9KRO	NA5Z	TA1CM
W7WZ	JA3FHL	JE3CYW	OE3KLU	W0KCJ
W9BEA	JA5BGA	JF1LZQ	W2OR	W6CUA
WA8MCD	JA5NPV	JH1RGG	W6WA	WW4LL
	JA9CG	JH2HFD	W8PC	YO4AUL
170	JH1APZ	K7JH	WA5LFD	
BA4MY	JL2JVX	K9UQN	WW1N	159
EA2AA	KQ1F	KA9OKH		9M6YBG
JA3MF	LU2CC	KK4OW	161	AH0U
JA3RQ	N4AL	LU2DSL	AJ4A	DL1MEV
JA6SRB	R5QA	LZ2ZG	E70A	F5NBX
JE1PHH	RA3LAL	N8OQ	E74A	HB9DDM
KB9DAK	RL3AA	N8PCN	JA1BPA	IK8UHA
KD1F	WA8CDU	PA0TCA	JA1SDV	JA3NHL
KE1VT		RA3BL	JH0NOS	JH1ACA
KH2L	166	SM6WET	K3MD	JH1IAQ
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N7KO	G3WW	VR2MY	K4HMB	K4YJ
NO9E	HB9DVZ	W1JA	K8CC	K5RA
OE2GEN	I2DMI	W3HKK	KC6X	LZ2JF
PY2DS	IZ4DIW		N3HBX	N6MA
W4HZ	JA4KDT	163	N6IE	NA6O
WB6JXJ	JA7BEW	AA4FU	N6TR	SP6AXW
WC2K	K0DD	FG5FR	N8NA	W1YRC
YO2CMI	K8ME	IW0BYL	SM0DSF	W7VY
	KN6KI	JA0KJD	SM5ARL	
169	KR0P	JA8FFM	W1LY	158
G3WGN	W3BNN	JG3RWX	W4KA	AA8R
K2RET	WB7QXU	J12EMF	W5VU	BA7IO
K3PU	WC4B	KG8CW	W6DX	DL4NBE
K8OM		NC4RB	W6YOO	DL5KUA
KT1J	165	NY4G	W8CD	DL9DRA
N0ABA	AA3LX	OZ5NJ	W8HMK	IK1UGX
NF1G	DL1QQ	VK6LC	W8IW	IT9AAI
NX8Y	FG8OJ	W5GA	XE1RBV	JA1SHE
ON4ANN	HC1BI	WA2UKA		JA2ITK
UN3GX	IT9ODQ	WA8JBG	160	JN7DOS
W5LO	JF3PNQ	WB8BZK	AB4UF	LA2GH
	K5CR	XE1MEX	DL7UPN	N2ZZ
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EA5OX	OK2BUZ	162	JA0GCI	OZ4VW
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JA2FSM	VK4CAG	HI8R	JA4HAW	RU3UR
JE2UFF	W2YR	IK2VUC	JA5PUL	W1GQ
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K1EO	WA4VA	JA2NQG	JF2WGN	W9MO
K7HC		JA8BZL	JH3FHQ	WO3Z

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CT1DKS	N2ZA	KH6AT	N3MK	JA4ZA
G4AFJ	N3IQ	KK9H	N4HID	K0KP
JA2EJI	N4IG	N2FF	N9DR	K2TER
JH1DGJ	N8AYY	NA6MG	NF4A	K4WY
JR4VEV	N8WRL	NK7C	UA1CEI	K8AV
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K7LFY	PA7RA	VE1DUN	W2TB	NX2X
K8WVA	RN3QO	VE3YXO	W4WW	ON5TW
N0VVV	SV8LMQ	W5ZPA	W8VVG	W0JM
N4TOL	W0NFL	W8MIL	WA0ROI	W6RFF
NJ6D	W0VHF	W9GE	YO6HOY	W6ZO
NK0S	W2HUG	W9SE	150	WA2MZX
UA4PK	W4HOG	WB0N	AA4FL	WW1WW
W3FOX	W7IUO	WN9O	AL7R	YB2TX
W4PV	WO9S	152	CT1FUH	148
W5PJR	154	AF2C	DK5RL	EC1AIJ
W7RN	DK3BK	EU1DX	DL2JIM	IZ4AIB
W8BBQ	EA3EQT	G3LUW	DL2VPO	JA1CZI
ZP5ALI	JH7LBE	IK0CHU	DL7AA	J16IHG
ZS2EZ	K0THN	JA4VLK	F6HLC	JN3RBE
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DK0EE	K8RF	JR1WCT	HB9DQV	JT1BV
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JA5BZL	KG4CUY	K4ZA	IZ0CKJ	K4WJ
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K6XN	RD9M	SM2HWG	JA9AA	N6IG
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NA9Q	SM5BEU	VE7XT	JF2VAX	VE1VOX
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VE3UZ	UT6UA	W1LE	K4NC	W9CSX
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W5RF	W2UB	W1NK	K8MN	WB3LHD
W7CA	W2YK	W3NS	K9JU	WS1E
WB2AQC	W3KHZ	W4NZC	N0STL	147
WM0X	W4UEF	W4TNX	N2SQW	AB4SF
WV9L	W6NK	W7FI	N4PYI	AD6ZJ
ZL3RJ	W8MHW	W7IB	N6WT	DK6OR
155	W9HBH	W9JA	ND0F	DL6KY
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AA4DD	AA9GR	EI3IO	SM2GCQ	IK4HLO
GM0AXY	EB3CW	EI9E	W1JGS	IZ0BTV
JF7RJM	F4FLF	HL2KV	W4NBS	JA4EVN
JH1SJM	G0VXE	HP2AT	W9GXR	JA6NQT
JH1VHU	IU8FRE	JA6COW	WA4MME	JH8BOE
JK1TCV	JA0NPQ	K1AJ	WB4JTT	K0GW
JR1DUP	JA1QOQ	K1PL	WV2I	K2CYE
K2DC	JA2BUR	K3FM	149	K3PT
KR6C	JA7GYP	K4ST	AL7TC	K6ME
KZ5DX	JH3HTD	K5IB	IZ4MJP	KB1W
	K1YT	KD4OS	JA0LXP	KD7H

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NV4B	IW0HOU	IK8VRH	JH6WMJ	
UN3G	IZ0NRG	JA6IVR	JJ1OKK	139
V51B	JS6TWW	JA7FWR	K0OK	CT3DZ
VA3IC	K4WES	JA9APM	K0PJ	IK0ZIO
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W6BK	K8SIA	K2CS	LU2BA	JH3GCN
W7EYE	KB7V	K4EB	N7DED	K3SW
WB0O	KD5R	K7KB	N9KW	K4KAL
WF5E	N4UFP	K8ZZU	ND3L	K6LPO
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	UA5D	NA9A	SP7ICE	KH6DX
146	W0SR	NU4Y	VE1JBC	KK0DX
DD0VU	W1ER	NW8F	VK6OZ	KL7J
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JH3FUK		US2WU	WA4NUF	N6KZ
K4MX	144	W1ENE	WE9A	N8NB
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KI1U	AB5A	W3IZ	140	W0TM
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KK6T	EA7DUD	WB2GOK	AB0RX	WF1H
LX1CW	F1RAF		AD3C	WQ5R
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N7JB	IZ7AUH	AG4Q	EA3CZM	
N9JR	JA0KJE	F6KOP	ER0FEO	138
NJ7G	JA1UXC	HL2DBP	IK0WRB	AA5B
PY2IQ	JA6OXT	HL3AMO	IK7YZG	EW1LM
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W9MR	W0QQ	W3DQS	LU8ADX	N2KX
W9ZCL	W2ZI	W9IL	N2PK	N7WO
WA2USA	W6BCQ	W9ZJ	N3TR	N8GP
WA9DU	W7QDM	WQ8T	N4MI	OZ0J
ZS6UT	W8SAX	WT9U	N4XYZ	TF4M
	WA1YTW		N6QI	W0QD
145	WC3W	141	N9IO	W1ZZ
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DL7UGO	143	DL9ABM	SM0XBI	W8TM
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WT2P	K4YP	CT3CD	VK5GR	JM1VRW
XE1ILI	K5YU	DF3OL	W6MVW	K1UM
YO3VU	K8CS	DK2BI	W7JET	K5ZQ
	K8JE	HB0WR	W8JA	K6IPV
137	K8KI	HL2CFY		K7LAZ
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DL2VWR	KM1A	JA2OLJ	9AY2K	K8JP
EA4UV	LA6MP	JA8ALB	AA3TH	KK7YC
HB9ACC	N7NH	JE1WZB	AE5B	KM4A
IK3DVY	NE4A	JG3HBO	CT7ANG	KR4BD
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JA9GPG	RL3BZ	K0XP	DL3IAC	N0TK
JH1ERJ	W1FA	K4MV	EA5RD	N3HYB
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SK0QO	CT3FN	W1OG	KW4CQ	W8FAX
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WB2KSK	K4IE	WA3SKQ	NH6T/W4	
WB3D	K5LC	WE2N	NJ9C	130
WO5I	K7LY	YB1TJ	NU1T	7J1ADJ
YV5OIE	K7WK		S53MJ	AA9AA
	KD3HN	133	SM0MPV	AB6BT
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HL4CCM	PT7CB	JA1FUI	W9RB	JA8BAR
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JA7EU	N4MEC	KI3O	124	JE1HRC
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AK4AO	N5QS	HB9JOE	NN4K	122
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VE7VF	W5MF	K3GO	K8IKE	KF2OG
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W1GF	WW8RT	KK4QN	KB1AWM	KK9T
W4AO	YB1AR	KV4AA	KB2XJ	KM1H
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W7BJN	120	LZ2HM	N3MLV	KU4V
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WB1EAZ	EA5B	N1DC	N9AZZ	N0IW
WN0L	IK7YCE	N2RR	NA5S	N8JK
WR2G	IQ2VA	N3CW	OE3JAG	N8WXQ
WV1R	IZ5EBL	N4JQQ	TA1L	NC8I
ZS6IR	JA3BLN	N6OJ	VA2IG	NL8F
	JF1EGO	NA2R	VE3PNT	NW2I
121	JH1LZU	NK7Z	VR2PX	ON4AGX
EI8GS	JH6CDI	SK6SJ	W4SKW	PT2BW
F6FYD	J13BFC	SM6NJK	W5SJ	SV2CLJ
GM3WIL	K1TKL	SV8QG	W6GM	SV3RKM
HB9BOI	K3SF	VA3HP	W6WF	TA1AL
IK4TVQ	K4SAF	VE4JBB	WA3GM	TF3DT
IK5BOH/2	KD2SC	VR2XMT	WA4USA	UT2VC
JA0MRW	KD4POJ	W5UHQ	WB4PWZ	V51YJ
JA2ACI	KF8HR	W6DE	WZ6Z	VE7ACN
JA3AVO	KI4TZ	W6IS	XE1R	W1UN
JA8EIA	N2CG	WA3YZD	YB1RUS	W3WN
JH1AEP	N5BA	WA9JWL	ZS5LEE	W4OWY
JH1SBE	N5PA	WB2ZAB		W6KR

W8BI	WF4W	BA4TB	JA2MNB	K1KOB
W8VK	WJ1B	CT1ELF	JA4JSV	K2DW
W9BB	WQ5C	HL3DE	JH3GRO	K4NTO
WP4CQ	WV4V	IZ5GST	K0HB	K4ULA
WS4H	WW0E	JA2LHG	K0HD	K5VR
ZL1ANH		JA3VUI	K0XM	K6EGW
ZP5FGS	115	JA7MAD	K2SD	K6LD
ZP6VT	AA5N	JE1LPZ	K2TG	K6MKF
ZS4JAN	AB0S	JH3GFA	K6OJ	K7DS
	AC0B	JK1MZT	K6ZP	K7SX
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4X1EL	CT1DOF	JR1EYB	KW1DX	K8LE
AB1J	DH3KM	K0BRO	N1ZJ	K9UVK
AB4GE	DS5DNO	K1QQ	N6RC	KC2SST
E77S	G0JJG	K4TXJ	N8RF	KD9ZR
EI7GY	I6DQE	K6GWN	N9RE	KM4HQE
HK1X	IU8HEP	K6PT	NJ0F	KP3R
HL5BMX	JA1OVF	KA1DJ	ON6LY	KR4DA
JA2DHG	JA8GSN	KM3J	ON7BJ	LU3XX
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JA9IWR	JH4VDP	LA4RT	VE3SKX	N3NO
JL1GYZ	JK1SAI	LA4WJ	VE7BZ	N4WOT
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K7VS	K5AX	MM0BQI	W5RDW	PY6TS
K9LCR	K5LY	N2YBB	W8AEF	R3BB
K9ZG	K8LBT	N6RJY	W8PE	R7NA
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LA2IR	KE7PB	NG4C	WK1Q	VE7NY
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W0QC	W5GO		AD1S	WX4TM
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WA8LOW	AA4H	G4RGK	JA0HC	AI4WW
WB8FIW	AD4XV	HB9HHH	JA9RT	DK9WZ
WC2C	AK3E	IZ0FUW	K0UBR	DL1DH

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EA4EJP	AD8NQ	VE2GHZ	R2ARR	K5VG
EI1DG	DF1JM	VE3EDY	SV1XV	K6NS
EU1TT	DL2AMD	VE3YV	SV3EXP	K6XJ
F4DVO	DL4IW	W0QL	TA6N	K7QBO
HB9LAK	DL8XDA	W0VM	TF3JB	K8ZT/QR
HC1HN	DM3XRF	W3KN	VK2DAG	KD4RH
I2QMU	DS4CNB	W3SB	W1KDA	KD4SN
IC8SQS	G3WXX	W4GF	W1RH	KE4KMG
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JA3QOS	IZ0GKB	WY4I	W6EKR	MM1PTT
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JA9FO	JA0JPD	YB4IR	W9KM	N1TA
JE1GWO	JA0UMV	YV5LI	WA0WWW	N2TC
JH8GEU	JA1EMK		WA4YYM	N4KEB
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KI7M	JR1RCQ	DL9QJ	9A5SSS	W0YDB
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N2FY	K1LZ	F4GVO	AE4VJ	W4EW
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NC6K	K3EE	G4UZG	CO7RG	W4PGC
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NJ1H	K4DET	IK0XKP	DJ5EY	W4WNT
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RV3GW	K9GY	JA9IFF	F5UJK	WA3FRP
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W9GG	KS0Y	K7CU	JA5OP	DL2KUA
W9KX	LA4JGA	K7IA	JG1LBN	DL6ZNG
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W9WO	N4ANV	KD4W	JH3LCU	F1ICS
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WF2Y	OZ9U	NN4RR	K1KZ	I4FGG
WO2Q	R0QA	NR3Y	K1XE	I5XFD
WZ1Q	R6AZ	NS4X	K4DB	IK6CGO
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K2WR	EA2CLU	TF3T	KB5HC	YO6BHN
K5ZO	EA3LX	W0TF	KB8ZUN	
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KI2D	HB9HFM	W5GML	LU9DO	F5VML
KI7HO	HC4L	W5PD	LX1EL	G4GEE
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KP4N	HL4CBX	WA3DCG	N2PL	I3DUB
KR9A	IK5TBK	WB8RFB	N3AS	IK4QJH
LU4FW	IZ4COT	WD3P	N3ZA	IV3EHH
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N6JM	K0HQW		NF7D	JA7TQK
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OZ2TF	K7CTV	AB2NI	UQ2GM	K0IL
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SV2DSJ	K8FB	AH7G	VE9RJ	K4KFH
UR4CW	K9SUH	DF8FT	VY2RU	K5RKS
UR4IOR	KB9AIT	DJ8KM	W1KMA	K6JAD
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W1XY	KD3UY	DL9NDV	W3DAD	K8TS
W3UI	KE6V	EA1AZ	W4CU	K9BJM
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WM4AA	NA7RH	JH3AEF	WA9SQH	LA9VBA

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NY2E	K8TLC	WB2GMY	K5GZR	YO8PS
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PY2CP	KB1CQ	WB5TOI	K6VMV	
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SL0AS	KD1AB	WB9TFH	K9WA	5P5Q
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VR2KF	KI5GF	WK5X	KD2SY	C93PA
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AF3X	N4ST	AD7XG	N4PAJ	HB9BNQ
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