

ARRL DXCC - 160 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 09 Oct 2026, 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 Digital 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.

344 W8LRL	UA4HBW	317 I4EAT*	W5IZ	UA6A
341 EA8AK	326 EY8MM S50A	K5RK OH3SR W3LPL	310 RA3CQ SM5BFJ SM6CVX	304 DJ0MDR GM3YTS LZ2JE N4JJ*
340 K1ZM	325 K4PI K9UWA ON4UN* SP5EWY UA2FF	316 OG2M PE5T W2VO	309 IK4MGP W3GH*	303 F5LGE G0JHC JA1BK JA2JPA K1UO K9QVB* RU3DX
339 W4DR W4ZV		315 S50U W1JR	308 IV3PRK K4SV K8GG N4RJ OH5VT SV8JE UT3UA	302 N3XX OE1WEU SM3EVR SP3EPK SV1FJA SV8CS
336 OH2BU	324 K2TQC OH2BO W1NG	314 GM3POI IK4GME NX4D OE3GCU OK3GU OZ1LO RW2A UA4CR	307 CT1EEB DJ7MI VE3EJ	
335 R7LV	322 UX0UN W3UR			
334 N4WW VE1ZZ*	321 K5NA* SM4HCM WB9Z	313 OZ7YY	306 DL4MCF EA6SX K4CIA N4IS SM0AJU WT3Q YU1FW	301 DL9KR F6BKI JA4DND N1RJ PA3FQA
332 UR0MC UT7QF	320 K8MFO W8UVZ	312 OH1MA S54E		
331 K5UR R4GM UA4CC	319 N0XA N1DG RA7A SM4CAN UT5UGR W9ZR	311 DF3CB DJ6RX DJ9KG G3PQA I4AVG I4EWH KJ9I RZ3AM SP2FAX	305 GM3GAV JA4LKB JA7NI K4ZW NN4T RW3PZ* SM3GSK	300 G3KMA I2ZFD JA4LXY K4TEA VA3EF
330 AA1K HA0DU OH1XX	318 4X4DK IK4WMA			299 EU7A N1BUG
329 K3UL				

UX1UA W7UT	R7FK* SM5AQD SV1AOZ W3YX W8TOP	W8AV	278 DK0EE F5NBU F6BEE HB9AMO K5DU RU3FM SP9DWT VE2TZT	PA7MM SM5KNV
298 9A2AJ 9A7V DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU W0FLS	291 CT1APE K4WM KD9SV R7NW SM6CMU SP3E UA3LAR UT7UJ	285 HB9BIN		271 G4GED JA5AUC KD5M OZ1CTK
297 DK5PR N4CC OM2XW W0CD*	290 K0KX N8DX UA3AKO US5WE UT1UY	284 IK6DLK JH4IFF NJ6P W0BV	277 AA4MM DJ9VA DK5WL IK5BAF K1ZZ OH3BU ON7TK	270 AA1V K6ND OE5KE SV8BHN
296 DF3GY DJ2BW* F5NTV G4PWA ON5NT RY9C SP3IBS W1JZ	289 JA3ONB RX4HZ SP3DV US4EX	283 9A2EU JA5EXW K4SO K8KS K9CT NA0Y NO3M R3OK SM6DHF W2YC	276 F6GCP G3LZQ I2AOX JA8ISU N8RR OK1AWZ SP9JZU	269 K8PT W1ZC
295 K3UA N0TB WD5COV	288 K5XI PA3GCV SL0ZG SP7VC UA4LY UR5WA UX1AA W0JX WK3N	282 DL1YD I0WDX N2LT N4KG* SM6CTQ UY5ZZ	275 9A1CCY IK4CIE K2UO K4IQJ KF2O OH1LEU SP6AEG UW2ZM W2OKM*	268 DL5DSM G3WPH RA3XDX SM5DJZ* SP5DIR W1MK
294 DL1AMQ IZ0AEG JH2FXK JH4UYB JR2KDN LA5HE RJ3AA W5ZN	287 DL1RWN G3XTT N2QT N7NR RK4FD VA3DX W4PK	281 DF2PY IK4DRY JA2PJC JR7VHZ K1CP S59Z W4TO	274 CT1EKY G3TXF MD0CCE SM6CCO W6UB	267 EI7BA G4OBK LU8DPM N6SS RW0LT RZ3DX W1GL
293 I5NPH IK1GPG KV4FZ* S58T SM3NRY UA3AB	286 DJ2YA DL7VEE G4CCZ K3SX N3SL PA0WRS UT7UW	280 EA6NB JA3FYC KG4W N9IW RV3LO SP5CJQ SP6HEQ YO3APJ	273 DL2OE K2CL K5BG RA3DA SP6CIK UA3DPM	266 AA7A K1QX K4XP NR1R ON4AOI R3LA W8TE W8XD
292 G4BWP HB9BGV OZ1BTE		279 F6AOJ IK8HJC N2TK N5DG SM6CNN UA6MF	272 DL1DUL LA3MHA	265 AA4V* AA6YQ EA5BM YO5BRZ
				264 IK2YCW IK5HHA K7ZV N3NT

R5AJ SV8CKM	W3DF W9YSX	K9RX NQ1K ON4IQ OZ8BZ YO9HP	243 DK2JX DK3DG G8VR ON4ATW S57A W9RPM WX4G	SV1ELF
263 IZ1ANU K9OW KX4R LA5IIA W2SM W3AP	256 9A5CY JA2VPO JA5BZL K5VRX SV8GFW W1TSP	249 AI9L SP5DRH UW5ZM	242 EA4KD KG7H W3LL WA7NB	238 DL8WN IK0XEZ K1AR NI0G RA0FF VO1HP
262 G0DQS IV3ODE K4UEE* KR9U N5KD NO8D UT9FJ UX4UA* W1YY	255 K4QL N2MF W3KX W5OZI YL2GD	248 K3WW K5RX N6TR SM3VAC T77C W9NGA	241 AC4G JA0DAI JA1SYY JA3EMU JA5MHD JR3GWZ K5ZK KA9CFD N4XM N5TY* N7RT NV9L OK1DWJ SP5GRM UA3TT VE1YX VE3NH	237 DL7MAE K1VW* KC7V OM4EX W4YO*
261 9A4T DL9YX K2EK K5KC SP1S UX0FF	254 5B4AGN I1EIS N0AT OM3DX WA4FFW	247 K0IEA K6XT NO2R OE2LCM R7IA TF4M WA7NS WB3AVN	236 JG1ULJ K1JO K5EK K9NR K9ZO OK2ZI OZ4O SP8AJK	
260 I1FQH K1LT K4DY	253 IV3YYK JQ3DUE K5ESW R5DT S58Q SP9FKQ* UA1OMS W0YG	246 DJ2TI F2JD IK0MHR JA7QVI JF8QNF OK1CF UR5EDX W2TQC W5XZ	240 AB4I EA6ET IZ1LBG K0JUH K0KT K1DG K1FZ K1ZG K9OT LA2XPA UR5MID VO1NA	235 CX6VM DJ5FI DL9MRF EA6VQ JA0FSB JH4ADV K3SWZ KF0QR N6DX R7DX S51DI VE3DZ VE3XN
259 DF4PL G3ZSS K8FL N2NL R9FM VK4MA	252 EA1DR JF2MBF JG3QZN JR3IIR NN4X PA4VHF W3UM	245 DL4CF EI2CN JA1GV N9US RL9F RY7G W9XY		234 IK6FWJ JA2NDQ JH1HGC K4UTE PY1BVY VE7IG* W7AO
258 JH1GZE KW9A KY7M N8TR RN3CT S52F VE3QAA	251 AB3CV DJ7RD DL9RT JH0BBE PY2RO W5UN W7LR	244 AG9S DK6WL F6BLP IZ8FFA JA0CRI JA1HGY SV1RK	239 AJ6T IK0YUT IW1ARB K1HTV KH6AT LY3UM RN3QN RU3QR	233 DF6PB IZ4BEZ* IZ8FWN K0CS K2UU
257 AA1QD K1GUN K9NW N4II	250 HB9RG IK0XBX K2FF			

KA7T ON4GG SK3PY UA4HAU VA2WA W1TC YO7LCB	227 DL7HU ES1RA IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV SP3CGK SP8NR W9BF	VE3LYC W0GJ ZS4TX	IK1YDB JA6LCJ JA8CDT JH0INP K0EU K5UO LA4GHA UT4MF W5PJR	K1ST N1ZZ NA2M* RU4SO W0LYI W2WG W3YY
232 9A8A EA1N FK8CP JA8EAT K2AZ K4XL NI6T UA3AP	226 DL5WW JA6BZI JF2KOZ JJ3PRT K9FD* LA7GIA MM0EAX US0SY UT5JAJ VE6WZ W0VTT	222 IV3JVJ JA2FJP K3SV K4MWB K6EID K8FH K8ZTT N4PQX N5AW N5JR N8PR N9BX SM0CCM	217 9A2NA DM5EE JA9PPC JH1IFS K5PC ON6YH UA3AGW WP4U YV1DIG	212 AA9A DL9GFB JA9FPI K4MQG K8ZH KE9I KG6I N4MM NX0I SM5CZQ W1ECT WA5VGI WB9CIF
231 4X4NJ HA9RE JR6EZE KD0Q N6AR N7NG ON4ACG W9IXX	225 A45XR EU1KY JH7PFD K1MM K5AB K9FD/KH6* N4CH RA3QK RV1CC RW3XZ VA5DX W7KW	221 IZ8VYU JF3KON K8SIX LB8DC N6VR OZ1AXG W1ZK W6JRY WS6X	216 F6DAY K3JGJ N5UL OE1ZL RA1QD RZ0AF W6XA YU3AA	211 EA1RT EA5KA IK4DRR JA4DEN K3WA RU3SD
230 JA1CMD N8JV SM3NXS W4GF W4VQ	224 N0AV N8BM* SP5INQ VK6VZ W2RQ	220 AG8B DK2NG HB9LCW HL5IVL IV3RAV JR4OZR K4NA K5EJ KA1R VE3EXY	215 G0OIL N7JW RA3S W0UO W2LK W6YI WS9V	210 I8SAT JJ2LPV K0MN* KG9N RV0AR UW7LL W7JW
229 CT1FJK DJ4AX E72A I3BUI JA8FKO JI1BEX K4HB KV7K OE5NNN RO7T WB6RSE	223 AB0X DJ8NK HA7TM JA2WYN JH2TPI N1LN RT6T SV2JAO UR5FEO	219 AD5A IK3VUU JA2FBY K6TA* LA7JO OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA JA2IVK JA2JW K1AM* OK1DX RN7G W1FJ W4NL	209 DL5CF HB9CXZ HB9DDZ JA0UUA JF4VZT K5RT N9LB PY2BW VE1DX W0AIH* W0ZR W6PBI* W7KNT W9OO
228 AF9H AI0O N2WK NT0V* OH2BEN SP7GAQ		218 DJ4PI DK0PM	213 DF2IS EI3IO HA1RW JA7MSQ JF6DSZ	

208 G3NSM I4LCK JA2JNA JA9NFO K2FU LA7HJA N5ORT PY2XB RU3ZX RX3APM SM5JE* UN5J UY1HY W6PJ W9EWZ	204 AA5AM DJ5AV F4BKV IK7NXM JA5AQC K2NV K4JJW K4XO K7GM KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	201 AG4W CU2DX DL1EJA G0BNR JO7WXN K3HP LA0FA W0MHK W2IRT W5TCX XE2X	OE5FIN ON4CD RZ6FA SM7GIB UA0SC W0FS W4UM	N4DB N5LZ N9EN PA0LOU RN1ON RN9N UA0CA W0RI* W9MU WA2VYA WE9R
207 DF2GH K1DT K1LPS K3JT K3LR K8EUR K9YY KB8VAO N9AU* OH1TV US0KW W0LS	203 JA2XYO JE1PNX JF1PUW K9MMS KA1J KK2I PA0A R6AF W7DO W8GC	200 IK0FVC JA1GTF JH2RMU K1GE K8NVR LA5YJ OH2IS RW4NN RW7M SP3FAR UY0ZG W0DD W3GG	196 4Z4DX AA4HP CT3MD IK4PLW JA3RAR K0BBC K8PO KP2A ND0N RA9CMO RZ4FO W2FCR WN6W	192 AD8P* K3FN K4FJ K5XX K9EU KF7PG W3UA W8LGJ
206 IK0IOL JA3PIS K2VV K5AQ* K5MC K8AC KC6AWX* N8DJX NK1K SM6BZV SP3SLA VE3BW	202 DK1FW DK2LO DL1MGB DL2KQ DL9DRA HB9DDO JA0EOK JA3CSZ JH3VNC JI2KXK K1GG LY1G N5ZM N7KA OK1DOT R9TO UA9FAR W1NT ZL3IX	199 JA2DPC JA4PXC K6GXO N4DW W1TO W3YQ YO2DFA	195 EA3JL EA5RM G3ZEM JA1EOD JA1XEC JH1RFR JN7FAH K7SO K9RT KF8UN N1SV W4FC W9OP	191 HK3W K8FC K9LA RK2FWA WA3C
205 F6EXV I4KDJ JA3AAW K9US KA9FOX W5ZG W8UN WA2HZO WB8ZRL		198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR UT5EL W8HB	194 I1JQJ JA7JWF K0JGH K4KDX K9JF KB9LIE NE1B W2LO WD8JJA	190 AA1ON CT1FPQ IZ8XQC JA1DUH JA1MCU JA2LCP K2TE K9KU KB0EO KB1EFS KM1D N4XU N5GH SM0NJO SP2LNW VE7VV W9AJ
		197 G3SNN JA0VSH JE1BMJ JH1QAX JH2UVL K3KO* K3PA LA7AFA LA9GX OE4PWW	193 CT1IUA DL5ZB DL6ZXG EA3WD HA5BSW JA1ANR K4ODL	189 9A2F CT1FMX EA8PP FM5CD HA5WA JA8DNV K4CN SP7HOV

UA7T W5DM*	N9RC S57AC US8UA UT2UB W2YJ	K8WK KI5BLU N2PK OK1MG S57UN SM4DDE SV3FUP W8KEN WC4X	YO7NE 175 JA1CHN JA1PPW JA6VQA JE3ENP JH2QMT JH7CFX K2KA K4DLI LA5LJA N7IR TF3SG VE3FF W8HC WA9PIE WX0V	G3NKC HB9FMN JA3FGJ K0DEQ K1BD K6FG KJ0M SV2AEL W3JX W4FQT WA3AFS
188 AB4IQ JA1KQX KE9ET KL0S N8LJ NN2L RM0F W1YM W6SR W8JV WA6YEE	183 IT9INO K8RRT K8VC N3OC N9MB ON6SAS W2FP W8NW	178 4Z5CX EA3CJ JA4MRL K2UR K4RG N7XR NE0U SM7DLK SV1JG W7MEM ZS1LS	174 HB9TKS JA0GJJ JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2PLF* K3AJ K4TR K4WS K4XR N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WB0TEV WT8C	171 AA9D DL6KR G0EHO HA9PP JA6HUG JF1WPB JH6QFJ JR1TNE K1NU K2FL* N0RN N7RO OE5RLM RA3DNC SV1LK W7YAQ
187 AJ1H JA3ENN K0SR K6SRZ KN5O N2NS OK1CZ W7AWA	182 DJ9ON DK3UA JA1SHE JL1SAM JR7BDQ UR3EO UT5UT*	177 9H1SP AE5E CT1FCX CT1GFK K3WC K5GKC K6ZZ K9NU OK1DWC PY5EW SM5FUG SM6DHU UN9L W5LT W7FI WB7B	170 DJ6TK IK0PEA IT9DSZ JA6JPS JF2UPM JM1GYQ N4PY SP3GTS SV3KH W9EVI WA0MHJ	
186 IK2QPR JA2ZL K0BJ K7LAY YL2TW	181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W1RM W6NWS	176 EU1AB G0BLB I6FLD IK0AGU JA0DET JA5IU JA6BJV JA8KSF JS3CTQ K8MN N5OK PE1L RL3FA W4BP W4GD	173 5B4ALJ IZ5MOQ JE2LPC JG3IWL K1NTR K9YC N5FG RC9F VE6WQ W3IP WA5YNB	169 EI6FR IK2EGL JA1ADT JH7IAJ JR1IZM K1LI N4XX N7US RN3OG UT8MM UY5AA W6RW WB3JFS
185 AB6QM CT1EAV EA6BF G3KWK IK3SWB K5ZD LA3WAA N4TJ N5UR OE2BZL SV1DPI UA9CBO W0EWM*	180 4Z5MU DM2DXA DM3VL EA8JF IK4ADE JE2URF K6SSS K7BG LA9AJA N1RR N4AH ON5FP SP1MGM W2OR W7BEM W8TN			
184 IW0SAF JA9NLE JF1NZW JG0CQK K4HGX K5KLA KB4ET N4OGW	179 IT9ELD K0TT			

168 AA6AA G3MXJ I2ZGC JE7JDL K4XD K5QY K8RYU K9MBQ KR4F N4QQ N8BJQ PA7F SP5GH SP6EQZ W4SVO W6VX W8OI	165 DL7UCX F6HDH JE7RJS K5JZ KK4CB N4HB SM4CTT W5BN 164 AA8CH DL6MRS GU4YOX HA7UW HB9BZA JA1RTX JA7ZP K1NJ N5WA RA3ZH W4DKS W4NS* WP4G WW3S 163 9A2JK 9A4W DJ9HX IZ4DPV JE2LUN JH4CPC K1USA K7NN K8TL OK2QA RW3RN UR4CWQ VE3CFK W7AL 162 4O3A F3AT HB9BUN JA6GIJ JH4ALY JR5JAQ K1CA LB6KC N8MR VE7SL W0HT W0TT W1LW W2XL	W8WEJ 161 DK2GZ DL6RAI G4GIR HB9DHK IK0FUX IZ3ENH JA1DOF JE2DZC K5GO K8ND LB2TB N4GN OH6RA VK3HJ WE1P YU2TW ZS5LB* 160 AD5Q DK1WB DL1DA EA3GP HB0CC IW2FND JA2EPW JA9APS JE2OVG JR7MAZ K3MSB K3RA NR4M RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B 159 JA4FKX JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT 158 DJ4PT DL1FKA	E70T HB9HFN HB9SLO JH1TWT JI1FXS JI1NJC JR1GJP JR3OEH K5TT K9GA KQ4AV OZ1HX RU6M SM4EMO W0SZ W1OX W3GQ W4QN WS5W 157 AA4H AB9V AC6DD CU2AP DL4MM EA5BY G3TQZ JA1GHH K0QC LY5A N3RC N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W4TV W5GZ W7TVF* WS7L YV2IF 156 FM5BH IZ8IEV JE3GRQ JO7HAM K8YSE KD0PO KS1J N3UA N7WS SP5IWA SV1CNS UA3SAQ	VA3LX W1YIF W2XI 155 DL1RK DL4SZB JH4HMG K2LS N2ZN NE0DX NW7E SM6VR UN7LZ ZS6EZ 154 3V8SF F5LVL GM3PPE JA8NFV JL1UXH K0KVR KR2Q NX8Y RN3TT W1NA W5DNT YS1RR 153 AJ9C DF2RG DL1DUO DL3ZA G3TJW HL2CFY JA2VQF JA5XAE JF1IRW JH1NYM JR1XIS JR9OPJ K7SP K8VfV LZ1PM N4TV N5TW N5XZ N8II R9OK SM6CLU SP5CCC UT5UY WB8BPU WJ4T*
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152	K7LV	W2KKZ	LA9VFA	EW1BA
EW2A	K8AJS	W5ADD	N1IX	G4XEE
HA1RB	KU4XO	ZS1C	N2WM	HB9FMT
HB9RYZ	N3QE	146	N3KK	JA1PTJ
JT1CO	N9CO	EU4A	SM4OLL	JH4JNG
K9MK	OE8SPW	IV3KFB	SM5CLE	K2RW
KS3F	ON6AA	JA1HQG	W7ZI	K6KLY
N9OY	OZ3SK*	JA4DHN	W8GNM	SV3FUO
NA5C	SQ5EBM	JH1GNU	W8RLS	W1AX*
OH1JP	UA6YW	K5KV	WC5M	W3BW
S55ZZ	W4GE	K5SM	WD5T	W4JVN
UA6IGI	W6DAO	K9GWH	YO3CD	W4VIC
UT5AB	WW2DX	KM3T	143	W8HW
VE6LB	149	N7BT	DL6EN	140
W1SKU	DL7CX	NJ3K	IK8GYS	9A1CAL
W1VT	HB9CQK	OE6VIE	IT9BLB	DF7EE
W2/CT1GIF	IK4FNF	RU0SN	JH1HHC	HB9FAN
W2RS*	JL1ARF	W1IZL	K7CMZ	JA0GCI
W6RLL	K3TN	W1ZT	K7CW	JA4OK
W7AJ	K4YYL	145	N2RJ	K5WK
W9JJB	K6NR	AF4HX	N5UW	KF8DX
WB3CQM	K7HP	HI3T	N6PAT	N4XP
151	K8ME	IT9ZZO	NN4R	OH6NIO
AA7G	LB5WB	IU0HDC	VE3CV*	ON7DR
DK2OY	R8TX	JE6TSP	W0IZ	RA5BM
EI9JF	SM6CUK	JH7RXU	W6QUV	UN1L
F3SG	UW7UA	J11DCW	WB8CQV	VE6SV
JA6BEE	W0GG	JJ3HGJ	WB8ZRV	W0SEI
K2AX	W7HPW	JK1AJX	WD9DZV	W4NU
K2FW	WB8B	K3VAT	142	W7IV
K8ROX	WD5K	K4OY	AB9M	W8LWU
LA6OP	YO3DDZ	K8BL	I5HOR	WO2T
N5JB	148	KF6HI	JA2ATE	YL2MU
N6PSE	DK2CC	KR0P	JH0BQX	YO9FNP
OK1ATP	F5CQ	N1CGP	JR7WFC	139
RD3A	F5PAC	N4GG	K3PP	DJ4XA
RU3A	G4FTC	N8OC	K4WZ	DL5EBE
S54A	IV3VBM	RT0F	K6EME	DL8OH
SP7AWG	JH1QDB	SM3DTR	KK1W	DS1JFY
SV9AHZ	N2WB	144	MM0SAJ	HB9IQB
W7CT	NE3F	CU3EQ	N7QT	JA1TMG
W7RH	W5FIX*	DL5CW	NA4D	JK1EXO
WA1Z	W5FKX	DL5KUA	NQ7R	K2RET
WA2BCK	147	EI6IZ	NY2NY	K3ANS
150	JA1XQC	GM3ITN	OK1DO	K6AM
EA1AF	JE1FQV	HB9BYQ	W2CG	K8GI
I0JBL	JN1BMX	HS0ZEE	W2OO	K8RF
IZ0RVI	JR2LJO	I5MXX	W4WT	KA8SYV
JA1SVP	K7WP	IT9GSF	W5LUA	KU0A
JA2NQG	K8UT	IV3DXW	W5VQ	KZ5DX
JA9RRH	KM1H	IZ4GWE	WA5POK	LA8WG
K0RS	N1IBM	JA3GN	141	NA5DX
K1OA	PC3T	K0VSH	AC9S	OH1ZK
K5TR	W1OP	KJ9C	DL5MHQ	OK1MP*
K5VWW				SM5CBM

SP6JIU
SV8ZC
W0SD
W9XQ*
WA8WV

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DK8MCT
DK8YY
DM2RM
EI9FBB
F6DDR
IK8EPC
IZ2FOS
JA3OOK
JF3LOP
K1RO
KJ6P
OZ8X
PY5EG
RW4CY
UN7JID
V51B
W1GD
W2YE
W4YV
W7OM

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EA1YO
GM3YOR
JA3APU
K2QMF
K4JKB
K7XB
K8NS
RA3CO
RG7G
UU1JA
W1ITU
W1OPD
W5ODD
WB5JID
WE4S

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E72U
ER0FEO
IK8CNT
JA2KVD
JA5FDJ
K0TV
K4ZO
K7TM
KR6C
OK1DW
SM3GQP

SM5OJH
SP2BMX
SP6M
UT3UZ
UW8SM
W1EQ
W2OIB
W6DR
WB7QXU

135

5B4MF
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DJ9ZB
DL9FCY
F6FXU
IK2SGB
IZ7EVZ
JA7LGE
JA7LMZ
JA8BNP
JA8JL
K1ZE
K4TT
K4ZRJ
K7FL
KX4TT
NZ9R
R3VA
R7LP
RK2M
RN3RQ
SM3LGO
SM5CZK
SP3XR
SV5DKL
UB3A
W1DIG
W2GD
W4BUW
W4MBD
W4RFZ
W6JTI

134

CT3HF
IK4DCS
K1TO
K1ZN
K3OX
K5VIP
KS4YT
N9MR*
N9RS
OE1TKW
ON4CAS

PY5HOT
RG6G
RX4HW
SM0BYD
UA0ACG
UA9OR
W4JKC
YU1AM

133

9K2NO
EU1U
G3UHU
IK5DNF
IZ8DFO
JA6CBG
JA7GLB
JA9AGN
JR6FC
JR7FRW
K2CDJ
K6SIK
KU2A
OE1KM
UQ2PZ
VE3WT
W0NFL
W2QO
W5AJ
W6RKC

132

AA4NC
AD6W
IK3VBB
IT9RDG
JA3DY*
K6YUI
K9ZM
KO8SCA
N5ZC
N6HY
OZ2RH
S51NM
SM4BZH
SM6BGG
VE3CRG
W4AXL
W4RBO
W4WM
W5SL
W7AH
W7CD
W9FR
WB3D
XE2S
ZS1A

131

DK7YY
HS1NGR
IK3XJP
JA0AOO
JA2TBS
JG1DUZ
JH4ADK
JI4POR
JJ1TEA
JM1FHL
K1UU
K9DR
KC2LSD
KH2L
KM3V
KM4H
N3MK
N4QWZ
N5PHT*
N6RK
N8NA
ON4ON
R0SR
R9MJ
R9SA
W7JY*
W8DCH
W8KA

130

CT3KN
DF9ZW
E73M
EI2JD
G7VJR
HK0HEU
JA2FBC
JN1RQV
K2MYR
K3NK
K7LFY
K8BCK
K9GL
N9RD
NA4EA
NO9E
OZ2ABI
PY2DS
R5QA
R9AB
RU1AO
TA1CM
VE3DO
W2MPK
W9ZT

129

HB9AZZ
JA1NWD
JA8JO
JH3AIU
JH3CUL
K6XM
K8DV
LB7ZG
N0YY
N2BJ
N3KS
N3RR
OE3SGU
PA3EWP
SM3BCS*
W0YVA
W7QHE
W8MET
W8MK

128

AA4SC
JA1XCZ
JA2AHH
JA2KSP
JA4KDT
JA9AA
JE1LFX
JH4GJR
K0FF
K3XA
K4JAF
K4SE
K6LPO
KG7CW
KM4NS
N5KM
OZ1IKY
R9SG
S53X
S55DX
SV3DCX
US8UW
VQ9LA
W2WC
W4IS
WB0O
ZS6UT

127

AC9EM
HB9EFK
HK1MW
IK0LNN
JA1DDH
JA1WLO

JA8RJE	K5KG	JR1EBE	WA7BNG	PZ5RA
JA9KRO	KA6BIM	JR2UBS	WP3R	RL3BZ
J14WAO	K14WCQ	K2PK		SP3PLD
JS2LHI	KV4AA	K3XO	121	SP7ITB
K0RW	LZ1XL	K4ZIN	AA4DD	SV1IW
K2HAT	N2KA	K5GH	AA6RR	UR5IKN
K3TRM	N3EN	K5JC	DF1DB	US1CT
KV4T	N4JT	K6FW	DJ8ES	W2YR
N1AC	ND5S	K7UT	DK1EI	W3OA
N1GC	NW6S	K9CS	DK6CQ	W4MAY
OE8HIK	OE1AZS	N2ED	IT9AAI	W4PRO
SK7AX	RA0BA	N4DWK	KD8RQE	W6RFL
SP6A	UR9QQ	N6HC	KG9Z	W7RN
SP7ASZ	UU7JM	N6MZ	N0OK	W8FIB
US0YA	VE3UTT	N9JV	N1JP	WA2USA
VE7BV	W5DAW	N9LQ	N3ND	WB6CJT
W0CP	W9CG*	NA2P	N4TL	WC2K
W0RT	W9DX	NA9RB	N8PW	ZL4AS
W3BG	WT4Q	S50B	SV1AHX	
W3FOX	WV4TN*	UA3DK	SV1FKZ	119
W3MF	YO2RR	UT3QU	UQ1GWW	AA3AZ
W8LMG		W1AO	UT4EO	DK3GG
XE1KK	124	W4NF	UU2JQ	DL9OBY
	AA7XT	W8NJR	VA3AYA	EW4M
126	AB1OC	W9YE	W0QQ	G4DJJ
AA5JF	AJ4A	XE1H	W2GG	HB9AAQ
DG7RO	J11DHY		W4UCK	HB9BCI
DJ8WD	K5UZ	122	W6XI	I2TZK
F8BPN	KD2T	G3NDC	W9XX	I4MKN
G4IUF	KD4POJ	HB9DHG	WA1PMA	IK0ZIO
JA7KY	NA2U	IC8SQS	WY1G	IV3HYD
JJ1DWT	PA0TCA	IU0LFQ	XE1VIC	JA3AZD
K2ZD	SP9WZS	JA1MRM		JA4XGC
K4XU	UA0BA	JA2HYD	120	JE2JMV
N9DED	VA7CRZ	JR3UIC	9A5F	JH6CDI
OK3CQD	VE1DUN	K1BZ	AL7TC	K7EG
PA5TT	W2JU	K1ESE	DL2VWR	K8KWT
VE3CX	W2RIJ	K1YT	FG5FR	N0KV
W8REW	W3FM	K2MP	HB9BLQ	N4DJ
W9ILY	W6CYX	K3NF	IZ0LKV	N9UA
WB2REM	W9FI	K7ZA	IZ5NFD	NT2A
WD4LBR	WB8K	LA7WCA	JA4EPE	NY7T
YU1EXY		LA8PT	JG3LGD	OH5NG
	123	N3NR	JR6LLN	OK1DT
125	AC4TO	N9AW	K2BA	R6FFB
9A1AD	AE3T	NK7C	K2HK	SV1ACK
GW3TMP	DL7JRD	NN7X	K3QIA	W4HZ
HK4SAN	EI2GLB	OZ3Y	K9SG	W5JMW
IW0HEX	F4GTB	RD4A	KA8ZPE	W5QP*
JA4IYL	G4WFQ	UU4JMG	KP4AA	WX3P
JA6VU	G5LP	VE3YF	N4BAF	XE1RCS
JE1TSD	HB0WR	VE6AX	N4LR	
JE6UWU	IK2CHZ	VK4CAG	N4TB	118
JF2WXS	JA0CRG	W0RX	N4UFP	5T5PA
JH1AGU	JA1SJV	W2TB	NA9Q	AB2E
K1HAP	JA3MHA	W3RJW	OE3EVA	DL5OCE
K3FRK	JA6WJL	WA3I	OZ2A	IT9DAA

JA1OVD	OZ5HP	JA5WIZ	W4TUN	DK5RL
JA4FHE	SM7BIC	JH1RFM	WA1FCN	EA1JO
J18DGO	SP8HKT	K0SD	WA9YYY	EI5GSB
JN7DOS	UA6J	K1EDG	WB2UFF	EW1DO
K3WGR	UR9IDX	K4CMS	WN9O	G3XGC
K4CNW	W3ICM	K4GHS	WT9U	HB9CRV
K5XM	W4ZRZ	K4GK	XE1RBV	HB9G
K7PI	W6SL	K8YTO	XE3ARV	HI8R
K8LN	W8ZR	LY4T		IK2ANI
K8WVA		N0IRM	113	IU8FRE
K9FN	116	N4OA	9A1A	IZ4DIW
KD6UO	AJ4F	N8KOL	DJ5DT	JA1SXR
KG8CW	DL7URH	N8NN	DL1HRN	JA7BXS
LZ2HM	EA5BRE	N9ISN	DL8CM	JR7TEQ
N2MM	G0VXE	PA3AXU	DL8DYL	K0CA*
N5BO	HA7PF	RZ6MJ	DL9GTB	K0JPL
N6MB	HB9CEX	SP7JLH	G4AFJ	K1EO
PY2PA	IK0EIE	UA1ANA	IZ2EWR	K1KO
SV9COL	IK2OHG	UA1CGS	JA4ITW	K4MS
TA2RC	IK7YZG	UA6XT	JH1ORA	K4NNX
TZ4AM	IT9TQH	UN6T	JH9DRL	K4SAF
W1KSZ	JA1WTI	WA8MCD	K0TPP	K4UAS
W4DAO	JE2EHP	WV9L	K8SL	K8CC
W4NJ	JH3GCN	YL2CZ	KA4RRU	KB2FCV
W5VY	K0GD		KH6DX	KM1C
W9HBH	K1DC	114	KI0G	LA8HGA
YO4AUL	K1RI*	BA4DW	KI4DLS	N4ZY*
	K6RO	BA7IO	KT1J	N6MA
117	KT1V	CT3FN	N6PE	RU4SU
9K2OD	N2WLG	CU3AK	N7KO	SM3DMP
9Y4VU	N4IQ	DJ9RR	NA3F	UA1ACG
AB4GE	OZ1LCG	DL6NB	NI5F	UA1CEI
AE0P	PA0JSE	DL6UAA	PY7DJ	UT6UD
BH4IGO	RV3ID	F6CWA	R7NA	VE7XF
DL1DWT	UA4PCM	G3SDL	RA4UN	W1HEO
EI8IU	W1ENE	HP3TA	RZ3AUL	W2CVW
G3LAS*	W1WEF	I5OYY	SM5ARL	W2SKI
G3PLP	W6KK	IK8UHA	SP3EPG	W3UL
JA1HQT	W7GG	JA4BXL	SV1JFV	W3XY
JA4FM	W7OEV	JF2WGN	SV2AVP	W4VHF
JA7GYP	W8LRO	JH6WMJ	UN7TW	W5VX
JA7IC	WA4CEM	K1RV	VE3KI	W6TC
JM3GXU	WQ5L	K2DC	W2GW	W8GEX
K2BB		K3MD	W6BK	W8HMK
K6PJ	115	K3OSX	W8FAX	W9SE
K8OOK	C6AGU	K5CD	W9VNE	WA8OLN
K8QM	CU2CE	K5RJ	WA2BOT	ZP6CW
KV1J	DL5CL	KB8U	WA4DOU	
N2JJ	DL9GOA	KZ4V	WB2HJV	111
N4IR	G8BCG	N1QY	WB4TDH	AA4U
N8AA	G8DX	N3MN	WS4C	AF4OX
N8XI	HA5UK	NG0G	ZL1BYZ	CU3AN
N9HF	HK3PJ	NK5B	ZS1J	DK2WH
NY4G	IZ0CKJ	NU8Z		DK6ED
NZ3M	IZ7JVR	UA3FT	112	DL6JZ
OH8LXT	JA2KNW	W0VX	A92IO	EV1R
ON5UE	JA3NHL	W3MR	DJ1RL	F6ECI

G4DBN	K6VKO	RW4UU	UZ6LWZ	SP6AXW
HC1BI	KB1HY	RW9QA	W2UB	US5CB
HL3GOB	KB4MRX	RX3AGD	W3NRJ	VE3OI
JA1AUD	KB9DAK	TG9NX	W4ZYT	VK3NX
JA1FGB	KC2STA	UB5ZAL	W7ACD	W3KB
JA1NCZ	N2CG	UT7KF	W7JET	W6TDX
JE8TGI	N3HBX	VU2CPL	W8IW	W8VK
K0FLY	N3IQ	W1LE	W9NIO*	W9CPV
K5WAF	N3JB	W5WP	WA2ALY	WA0RVK
K7ORK	N4KE	WB5TUF	WA8MOA	WB8ART
K9AJ	N9PGG	WN0L	WB8BZK	XE2YWH
KM1R	NC6K	YV3AGT	WC1M	YL1XZ
KZ0X	NY4I		WC6DX	
LA0CX	RD9M	108	WD9EQU	106
N4WJ	SM5BHW	AI2Q	WW1WW	AA4FL
N7BD	SV1VS	AL7R	ZL3RJ	AE2U
NA1DX	UA3O	DL6CNG	ZS2DL	DF7GG
UR6QA	US7MM	ER1LW		DJ6OZ
VE6KC	W0UY	G3VAO	107	DL2NOM
VE7CT	W4DC	HB9BAT	4Z5LA	DL3JSW
VE7UF	W4NE	IK0PRG	DK3FB	EA1CP
W0VHF	W5ZPA	IZ0BTV	DL1QQ	EA3CCN
W1FO	WL7E	JA2MOG	DL2CHN	HA8DZ
W4HOG	WS1L	JH7XPW	DL5XU	IW3GJF
W4OX	XE1FAS	JJ2PIK	DO4DXA	JA1VLK
W5AQ	YU7AU	JK1MZT	EA5AT	JA2MNB
W7VS	ZL3NW	K0MD	EA7QW	JE6IGP
W8MIL		K1EP	FG8OJ	JG3HBO
W9RB	109	K1XM	G4AKY	JG5RVQ
WA1S	EA3GHZ	K2KQ	G4RGK	JH2KKW
WA2MUA	EU4T	K2MK	I5IHE	JH6PFY
WB9EEE	F8EZE	K4WY	IT9XTP	JJ0NCC
WU2M	G3SVD	K6UT	JA4EVN	JR0EQQ
YL3DQ	IW0HQE	K8OM	JA5EY	K0DEW
YO6HOY	JA2CXF	KD9HL	JA6OXT	K0LB
	JA7SFD	KM8AM	JA8JTH	K1PX
110	JE1SYN	KN4JX	JH7BKN	K4DSE
AA4UC	JF2VAX	KX2A	K1TZQ	K5AM
BA4MY	JR1BAS	KZ1W	K3SW	K5FUV
DF1KG	K2CJ	LU2DKT	K3YBN	K5ZQ
DL1VDL	K2ONP	LZ3YY	K8LBT	K8JJC
EA5BYP	K4RDU	N2DPF	K8ZR	KK8X
F5BAR	K5FZ	N4MEC	KE2R	KK9H
G3LNS	K5KA	N6RFM	N2RR	KQ3F
G8AJM	K5KPE	N9SF	N3DAP	N0JZ
I2BBJ	K6MW	N9TF	N6EE	N2CW
IK5RUN	KA9UVY	NE1F	N8AGU	N2SQW
J68HZ	KE1F	NU4Y	NA5Q	N3XM
JA7EPO	KL7RA*	OH4UI	OE1CP	N8AID
JE2UFF	N1BZ	PA0ZH	OH2OT	NA5Z
JH1VHU	N4RF	R5FY	OK2BUZ	NI5M
K2BLA	N7TY	R7LA	OK3CQR	NS3L
K3JRR	ND4V	RA1OHX	R0FA	OE5CSP
K3PH	NN4RR	RX6DX	RN4AA	OK1AYU
K4WW	NU4I	S57J	RV6ARZ	OK2BVG
K4YJ	NX7U	SM6AOU	SP3BQD	PA0GMM
K6MI	PY5CC	UX7UN	SP5JXK	S57AL

UR3CRO	ND3L	K5HK	DJ1MM	UT2AB
UT7UU	ON7PQ	K6UM	DJ3GZ	VA2ZO
UU5WW	OZ4AAL	K7TJR	DJ7PI	VA3IC
V73AZ	PF7M	K9EA	DL2HX	VE3EDY
VQ9SS	PJ2/K8ND	KA2BZS	DL8YRM	VE3MFA
W1CWU	R6YY	KH6KG/W5	DM5TI	VE3VV
W2EQ	RA6AF	KI0KB	DS3HWS	W0QC
W2LE	RD4WM	KW0A	EA7SG	W0UVC
W2NO	SM0CXU	LZ2XF	EU6MM	W1CTN
W4IR	UA6LCN	N3ER	EW3LB	W4AVY
W5JAY	UR1RWX	N3TR	G3BDQ	W4MZ
W5KI	UR2RGN	N4GU	G3OIL	W4TMR*
W8OP	VE1PZ	N4TTE	G4AAW	W5VU
WA4MYO	VR2MY	N6PF	G4PUQ	W6SZN
WA6TLA	VY2ZM	N6WM	G4VGO	YO7APA
WQ5W	W1LY	N8MZ	I0OSI	
YL2GN	W1MRH	N9DR	IZ0BVU	102
YU3EF	W4OWY	NJ9C	JA2GQO	A6/RV6LNA
	W6FF	NN3Q	JA2OLJ	CT4BD
	YU1NR	RA1QX	JA3FHL	DH0GSU
105		RU3UR	JA8EJO	DK3QM
DF2PI	104	RZ6DX	JH1DGQ	DL1TRK
DF8AA	9M2AX	RZ6LB	JM2RUV	DL3DXX
DJ3XD	AA3LX	SM5CCE	K1YR	DL3NCR
DJ6KH	AD1C	SM7CQY	K2UVV	DL4CW
DL2AYK	AG4Q	SO5AS	K4LQ	DL4KUG
DL4ZAB	AH0U	UA9FGJ	K5JUC	DL5RDI
DL6XK	CP8HD	US5CAO	K7BTW	EA8AKN
DO1CTL	CX3CE	UT4EK	K8CCV	EI4DQ
ES1GO	DK3BK	UT7EC	K9MUG	EI6GF
G3YUV	DL4FAP	UX4UM	K9XJ	ES5RW
HA8FW	DL7UPN	UY0MM	KE1IU	F6BWO
JA1BWA	E73D	VE3VHB	KJ4R	FM5WD
JA1JAT	EA8ZS	W0YBS	KJ7WY	HB9AHL
JA1TAA	EI9E	W1QA	KM9E	I8LWL
JA6VA	F6AJA	W3DRY	KQ5M	IK4AUY
JA7BME	F8GB	W3TMZ	LX1DA	IT9SFT
JA8RRF	G3BRD	W5BK	N0RU	JA0HXV
JA9APM	HB9CIP	W5CWQ	N1HOQ	JA8OW
JF1RYU	HK3O	W5GJ	N8HRZ	K0YN
JO4CFV	IK0DWN	W5RF	N9BBQ	K1PTF
K1DJ	IZ4MJP	W5THT	NU1T	K2LP
K2XF	JA1SDV	W5ZO	OH3GD	K2TK
K5AV	JA1WSK	W6PH	OK1DQT	K3KG
K6DJ	JA2FGL	W7DR	OK2BQU	K4AQQ
K7OX	JF1EGO	WA0I	OK3BRK	K4KAY
K7PO	JF6WTY	WA3PTF	OZ7JZ	K4LM*
K9RO	JK1BSM	WA9ETW	R9GM	K5ZO
KI5T	JO1WXO	WW5G	RA0FA	K7BHM
KT2E	K0EOO	YC0LOW	RA4HT	K7UA
LZ1JZ	K0WK	YO2CMI	RK3QY	K8BHZ
N4JI	K1BG	YO5ODE	RU3OW	K8OQL*
N4NW	K2TER		SM3CBR	K9JU
N4PL	K3FM	103	SM6EHY	KJ6NZ
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N6NU	K4VIG	AI3Q	US2WU	KY6R
N7DR				

LA3ANA	G4FJK	RK9F	G4CGG	N4CRI
LA6UL	GM3WTA	RY6M	GM3ZSP	N4RWG
N0ODK	HB9NL	SM2DMU	I2VGW	N4ZR
N5RZ	IK5ZUK	SM7NDX	IK0HFO	N5QS
OH2EA	IV3GOW	SP9DH*	IK4MSV	N6PM
OK1DTN	IV3KCB	SV1FJP	IS0/YO3RA	N7TK
OK1JDX	IZ6ERS	SV1PL	IT9CVO	N8IL
OK3CSQ	JA1VVX	UA0FDX	IW0BYL	N8NB
PA7TWO	JA2VMU	UG6GAW	JA1BRK	N8OQ
PV8ABC	JA6TMU	UR7CQ	JA1CPU	N9ADG
PY2DO	JE1PHH	UT1CC	JA1ILA	NA6O
R2AB	JF1RPZ	UT4IS	JA4FSH	NB3R
R3IS	JH3HGH	UT7HA	JA5DQH	NG7A
RU3UN	JH3PRR	VE2OJ	JA9CGW	NJ3I
S59DJK	JI3KDH	VE3ARF	JF3DRI	NN4SS
SM6WET	K0LW	VE3XB	JS6TWW	NV4B
SP5MXZ	K2BX	VK2GR	K0SRL	NY1V
T77V	K3SEW	W1FC	K0XM	OE5JDL
UA1AIR	K5DNL	W1GF	K1NA	OK1DXD
UA1CKC	K5WE	W2SF	K1NZ	OK2PAZ
UA6HOF	K6AAW	W3WH	K2CBI	ON4ANN
UA9MR	K6XJ	W4BUE	K2CYE	ON7EH
UA9UCO	K7AR	W4PM	K3DFL	ON7GB
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UW7CN	K8BN	W7CB	K4FT	OT1A
VE2FYR	K8YYY	W7QC*	K4KGG	OZ1ZD
W0JMP	K9PG	W8GB	K4KSY	PA0INA
W1AW	KC4PX	W9MAF	K4QS	PA7RA
W1PV	KD3UY	W9ZCL	K4UQC	R3PJN
W2LW	KE1VT	WA3EKL	K7VIC	R9JX
W2TX	KE4S	WB3HLH	K8BZ	RA3SD
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W4ALF	KN6J	WK9U	K8CS	RA6XB
W4KK	KQ1F	WR2G	K8LE	RC2A
W5TO	KS4XQ	YO2OXD	K9NZ	RN1A
W7IUV	LA2GV	YO6BHN	KB0EL	RT5A
WA0IDK	LZ1XZ	YV4DYJ	KC0V	RU3GF
WA1SXX	N0STL		KC4D	S53MJ
WD8DSB	N2AJ	100	KC4NX	S59SV
WS4Y	N5AQ	9M6YBG	KC5LT	SM5AHK*
YO2IS	N8AG	A41ZZ	KD8BZY	SV1VJ
	N9JCS	AA4AK	KN9N	SV2DSJ
101	NX2X	AB4VV	KP4N	TI5CDA
AA4NU	NZ9Z*	AC4VM	LA8W	UA3AKI
AC2AC	OA4TT	AI2S	LU5OM	UA4PAY
AC5O	OE3WQB	DJ6OI	LU5YF	UA6CEY
CT1JGA	OH3TY	DK8MM	MM0SJH	UN2G
D44BC	OK1PGF	DL1MEV	N0AH	UN6P
DH2FW	OK2BOB	DL1TPY	N0ATQ	UR4CW
DK9WI	OK3EY	DU7ET	N1GFV	UR4LRG
DL1KS	OK4MM	EA2AAZ	N1KI	UR8IDX
DL3ANK	ON4LG	EA3ALD	N1MD	VE1RGB
DL5JS	PA4WM	EA8AXT	N2CJ	VE3OAT
DM3ML	RA3AH	EC5A	N2SG	VE7JKZ
EA1WX	RA4P	EI3ISB	N2XQM	VP2VA
EU1TT	RA4SD	ES5NC	N2ZA	VR2PX
G3ZFC	RB7GG	FM5GU	N3AF	W0GYH

W0MU
W1AN
W1YRC
W2CCC
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WK4Y*
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YL2SM
YO9FLD
ZP9MCE