

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 30 Sep 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 K1UO K9QVB* RU3DX
339 W4DR W4ZV		315 S50U W1JR	308 IV3PRK K4SV K8GG N4RJ OH5VT SV8JE UT3UA	302 JA2JPA 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		306 DL4MCF EA6SX K4CIA N4IS SM0AJU WT3Q YU1FW	301 DL9KR F6BKI JA4DND N1RJ PA3FQA
334 N4WW VE1ZZ*	321 K5NA* SM4HCM WB9Z	313 OZ7YY		
333 LZ2DF	320 K8MFO W8UVZ	312 OH1MA S54E		
332 UR0MC UT7QF	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
331 K5UR R4GM UA4CC				299 EU7A N1BUG
330 AA1K HA0DU OH1XX				
329 K3UL	318 4X4DK IK4WMA			

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	284 HB9BIN IK6DLK JH4IFF NJ6P W0BV	271 G4GED JA5AUC KD5M OZ1CTK	
297 DK5PR N4CC OM2XW W0CD*	290 K0KX N8DX UA3AKO US5WE UT1UY	283 9A2EU JA5EXW K4SO K8KS K9CT NA0Y NO3M R3OK SM6DHF W2YC	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	282 DL1YD I0WDX N2LT N4KG* SM6CTQ UY5ZZ	276 F6GCP G3LZQ I2AOX JA8ISU N8RR OK1AWZ	268 DL5DSM G3WPH RA3XDX SM5DJZ* SP5DIR W1MK
295 K3UA N0TB WD5COV	288 K5XI PA3GCV SL0ZG SP7VC UA4LY UR5WA UX1AA W0JX WK3N	281 DF2PY IK4DRY JA2PJC JR7VHZ K1CP S59Z W4TO	275 9A1CCY IK4CIE K2UO K4IQJ KF2O OH1LEU SP6AEG SP9JZU UW2ZM W2OKM*	267 EI7BA G4OBK LU8DPM N6SS RW0LT RZ3DX W1GL
294 DL1AMQ IZ0AEG JH2FXK JH4UYB JR2KDN LA5HE RJ3AA W5ZN	287 DL1RWN G3XTT N2QT N7NR RK4FD VA3DX W4PK	280 EA6NB JA3FYC KG4W N9IW RV3LO SP5CJQ SP6HEQ YO3APJ	274 CT1EKY G3TXF MD0CCE SM6CCO W6UB	266 AA7A K1QX K4XP NR1R R3LA W8TE W8XD
293 I5NPH IK1GPG KV4FZ* S58T SM3NRY UA3AB	286 DJ2YA DL7VEE G4CCZ K3SX N3SL PA0WRS UT7UW	279 F6AOJ IK8HJC N2TK N5DG SM6CNN UA6MF	273 DL2OE K2CL K5BG RA3DA SP6CIK UA3DPM	265 AA4V* AA6YQ EA5BM YO5BRZ
292 G4BWP HB9BGV OZ1BTE			272 DL1DUL LA3MHA	264 IK2YCW IK5HHA K7ZV N3NT ON4AOI

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 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 KA7T
257 AA1QD K1GUN K9NW N4II	250 HB9RG IK0XBX K2FF			

ON4GG SK3PY UA4HAU VA2WA W1TC YO7LCB	227 DL7HU ES1RA IK0HBN JA1UQP JA9CHI K1FK K3NW N6JV SP8NR W9BF	W0GJ ZS4TX	IK1YDB JA6LCJ JA8CDT JH0INP K0EU K5UO LA4GHA UT4MF W5PJR	K1ST N1ZZ NA2M* RU4SO W0LYI W2WG W3YY
232 9A8A EA1N FK8CP JA2NDQ JA8EAT K2AZ K4XL NI6T UA3AP	226 DL5WW JA6BZI JF2KOZ JJ3PRT K9FD* LA7GIA MM0EAX SP3CGK 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 VE3LYC 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* 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 KG9N 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	DJ5AV F4BKV IK7NXM JA5AQC K2NV K4JJW K4XO K7GM KK4SI LX2A N4NX N4QS N7FU SM2OAN UA0SR US6EX W2HUV WD8PKF WF4U WI8A	DL1EJA G0BNR JO7WXN K3HP LA0FA W0MHK W2IRT W5TCX XE2X	SM7GIB UA0SC W0FS W4UM	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 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 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 CT3MD HK3W K8FC K9LA RK2FWA WA3C
205 F6EXV I4KDJ JA3AAW K9US KA9FOX W5ZG W8UN WA2HZO WB8ZRL	201 AG4W CU2DX	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
204 AA5AM		197 G3SNN JA0VSH JE1BMJ JH1QAX JH2UVL K3KO* K3PA LA7AFA LA9GX OE4PWW OE5FIN ON4CD RZ6FA	193 CT1IUA DL5ZB DL6ZXG EA3WD HA5BSW JA1ANR K4ODL N4DB N5LZ N9EN PA0LOU	189 9A2F CT1FMX EA8PP FM5CD HA5WA JA8DNV K4CN SP7HOV UA7T W5DM*

188 AB4IQ JA1KQX KE9ET KL0S N8LJ NN2L RM0F W1YM W6SR W8JV WA6YEE	UT2UB W2YJ 183 IT9INO K8RRT K8VC N3OC N9MB ON6SAS W2FP W8NW	OK1MG S57UN SM4DDE SV3FUP W8KEN WC4X 178 4Z5CX EA3CJ JA4MRL K2UR K4RG N7XR NE0U SM7DLK SV1JG W7MEM ZS1LS 177 9H1SP AE5E CT1GFK K3WC K5GKC K6ZZ K9NU OK1DWC PY5EW SM5FUG SM6DHU UN9L W5LT W7FI WB7B 176 EU1AB G0BLB I6FLD IK0AGU JA0DET JA5IU JA6BJV JA8KSF JS3CTQ K8MN N5OK PE1L RL3FA W4BP W4GD YO7NE 175 JA1CHN	JA1PPW JA6VQA JE3ENP JH2QMT JH7CFX K2KA K4DLI LA5LJA N7IR TF3SG VE3FF W8HC WA9PIE WX0V 174 HB9TKS JA0GJJ JA2XW JA7MOL JF7DZA JK1OPL JR6PGB K1KI K2PLF* K3AJ K4TR K4WS K4XR N1EN OE1WHC RN7F UA3LNM W8UV W8VVG WB0TEV WT8C 173 5B4ALJ JE2LPC JG3IWL K1NTR K9YC N5FG RC9F VE6WQ W3IP WA5YNB 172 EA7TV G3NKC HB9FMN IZ5MOQ JA3FGJ K0DEQ	K1BD K6FG KJ0M SV2AEL W3JX W4FQT WA3AFS 171 AA9D DL6KR G0EHO HA9PP JA6HUG JF1WPB JH6QFJ JR1TNE K1NU K2FL* N0RN N7RO RA3DNC SV1LK W7Yaq 170 DJ6TK IK0PEA IT9DSZ JA6JPS JF2UPM JM1GYQ N4PY SP3GTS SV3KH W9EVI WA0MHJ 169 EI6FR IK2EGL JA1ADT JH7IAJ JR1IZM K1LI N4XX N7US RN3OG UT8MM UY5AA W6RW WB3JFS 168 AA6AA G3MXJ I2ZGC
187 AJ1H JA3ENN K0SR K6SRZ KN5O N2NS OK1CZ W7AWA	182 DJ9ON DK3UA JA1SHE JL1SAM JR7BDQ UR3EO UT5UT*			
186 IK2QPR JA2ZL K0BJ K7LAY YL2TW	181 DK3WW JA2BDR JA9TWN JN4MMO K2EP LZ2ZG VE3OSZ W1RM W6NWS			
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 N9RC S57AC US8UA	179 IT9ELD K0TT K8WK KI5BLU N2PK			

JE7JDL	K5JZ	DL6RAI	JH1TWT	155
K4XD	KK4CB	G4GIR	J11FXS	DL1RK
K5QY	N4HB	HB9DHK	J11NJC	DL4SZB
K8RYU	SM4CTT	IK0FUX	JR1GJP	JH4HMG
K9MBQ	W5BN	IZ3ENH	JR3OEH	K2LS
KR4F		JA1DOF	K5TT	N2ZN
N4QQ	164	JE2DZC	K9GA	NE0DX
N8BJQ	DL6MRS	K5GO	KQ4AV	NW7E
PA7F	GU4YOX	K8ND	OZ1HX	SM6VR
SP5GH	HA7UW	LB2TB	RU6M	UN7LZ
SP6EQZ	HB9BZA	N4GN	SM4EMO	ZS6EZ
W4SVO	JA1RTX	OE5RLM	W0SZ	
W6VX	JA7ZP	OH6RA	W1OX	154
W8OI	K1NJ	VK3HJ	W3GQ	3V8SF
	N5WA	WE1P	W4QN	F5LVL
167	RA3ZH	YU2TW	WS5W	GM3PPE
CT1FCX	W4DKS	ZS5LB*		JA8NFV
DK5AD	W4NS*		157	JL1UXH
EC3A	WP4G		AA4H	K0KVR
JF2XGF	WW3S		AB9V	KR2Q
K6KO		160	AC6DD	NX8Y
K8NK	163	AD5Q	CU2AP	RN3TT
N0IJ	9A2JK	DK1WB	DL4MM	W1NA
N3BNA	9A4W	DL1DA	EA5BY	W5DNT
OH2BLD	AA8CH	EA3GP	G3TQZ	YS1RR
PA3C	DJ9HX	HB0CC	JA1GHH	
RA1AOB	IZ4DPV	IW2FND	K0QC	153
S51EC	JE2LUN	JA2EPW	LY5A	AJ9C
W1YW	JH4CPC	JA9APS	N3RC	DF2RG
WA4LOX	K1USA	JE2OVG	N5MOA	DL1DUO
WC5N	K7NN	JR7MAZ	NE9Z	DL3ZA
	K8TL	K3MSB	RU4UR	G3TJW
166	OK2QA	K3RA	SM3PHM	HL2CFY
4Z1UF	RW3RN	NR4M	SV8ZS	JA2VQF
DJ4SO	UR4CWQ	RU6L	W2TA	JA5XAE
IV3TDM	VE3CFK	UA0FZ	W4TV	JF1IRW
JA1FNA	W7AL	UX5UO	W5GZ	JH1NYM
JA9LJS		W1BR	W7TVF*	JR1XIS
JH2SON	162	W5XC	WS7L	JR9OPJ
K1KA	4O3A	W9RN	YV2IF	K7SP
K3KY	F3AT	WX0B		K8VFV
K4JLD	HB9BUN	159		LZ1PM
K4PB	JA6GIJ	JA4FKX	156	N4TV
K4WA	JH4ALY	JL1RUC	FM5BH	N5TW
K4ZYU	JR5JAQ	K4RO	IZ8IEV	N5XZ
N9FN	K1CA	OK2ZV	JE3GRQ	N8II
NY0V	LB6KC	UN7JX	JO7HAM	R9OK
RM3DA	N8MR	W3HKK	K8YSE	SM6CLU
W0DJC	VE7SL	W6BJH	KD0PO	SP5CCC
W1RR	W0HT	W7SX	KS1J	UT5UY
W8ILC	W0TT	WD5BJT	N3UA	WB8BPU
WA8TXT	W1LW		N7WS	WJ4T*
	W2XL	158	SP5IWA	
165	W8WEJ	DJ4PT	SV1CNS	152
DL7UCX		DL1FKA	UA3SAQ	EW2A
F6HDH	161	E70T	VA3LX	HA1RB
JE7RJS	DK2GZ	HB9HFN	W1YIF	HB9RYZ
		HB9SLO	W2XI	

JT1CO	N9CO	146	N3KK	JH4JNG
K9MK	OE8SPW	EU4A	SM4OLL	K2RW
KS3F	ON6AA	IV3KFB	SM5CLE	K6KLY
N9OY	OZ3SK*	JA1HQG	W7ZI	SV3FUO
NA5C	SQ5EBM	JA4DHN	W8GNM	W1AX*
OH1JP	UA6YW	JH1GNU	W8RLS	W3BW
S55ZZ	W4GE	K5KV	WC5M	W4JVN
UA6IGI	W6DAO	K5SM	WD5T	W4VIC
UT5AB	WW2DX	K9GWH	YO3CD	W8HW
VE6LB		KM3T		
W1SKU	149	N7BT	143	140
W1VT	DL7CX	NJ3K	DL6EN	9A1CAL
W2/CT1GIF	HB9CQK	OE6VIE	IK8GYS	HB9FAN
W2RS*	IK4FNF	RU0SN	IT9BLB	JA0GCI
W6RLL	JL1ARF	W1IZL	JH1HHC	JA4OK
W7AJ	K3TN	W1ZT	K7CMZ	K5WK
W9JJB	K4YYL		K7CW	KF8DX
WB3CQM	K6NR	145	N2RJ	N4XP
	K7HP	AF4HX	N5UW	OH6NIO
151	K8ME	HI3T	N6PAT	ON7DR
AA7G	LB5WB	IT9ZZO	NN4R	RA5BM
DK2OY	R8TX	IU0HDC	VE3CV*	UN1L
EI9JF	SM6CUK	JE6TSP	W0IZ	VE6SV
F3SG	UW7UA	JH7RXU	W6QUV	W0SEI
JA6BEE	W0GG	J11DCW	WB8CQV	W4NU
K2AX	W7HPW	JJ3HGJ	WB8ZRV	W7IV
K2FW	WB8B	JK1AJX	WD9DZV	W8LWU
K8ROX	WD5K	K3VAT		WO2T
LA6OP	YO3DDZ	K4OY	142	YL2MU
N5JB		K8BL	AB9M	YO9FNP
N6PSE	148	KF6HI	I5HOR	
OK1ATP	DK2CC	KR0P	JA2ATE	139
RD3A	F5CQ	N1CGP	JH0BQX	DF7EE
RU3A	F5PAC	N4GG	JR7WFC	DJ4XA
S54A	G4FTC	N8OC	K3PP	DL5EBE
SP7AWG	IV3VBM	RT0F	K4WZ	DL8OH
SV9AHZ	JH1QDB	SM3DTR	K6EME	DS1JFY
W7CT	N2WB	W5ADD	KK1W	HB9IQB
W7RH	NE3F		MM0SAJ	JA1TMG
WA1Z	W5FIX*	144	N7QT	JK1EXO
WA2BCK	W5FKX	CU3EQ	NA4D	K2RET
		DL5CW	NQ7R	K3ANS
150	147	DL5KUA	NY2NY	K6AM
EA1AF	JA1XQC	EI6IZ	OK1DO	K8GI
I0JBL	JE1FQV	GM3ITN	W2CG	K8RF
IZ0RVI	JN1BMX	HB9BYQ	W2OO	KA8SYV
JA1SVP	JR2LJO	HS0ZEE	W4WT	KU0A
JA2NQG	K7WP	I5MXX	W5LUA	KZ5DX
JA9RRH	K8UT	IT9GSF	W5VQ	LA8WG
K0RS	KM1H	IV3DXW	WA5POK	NA5DX
K1OA	N1IBM	IZ4GWE		OH1ZK
K5TR	PC3T	JA3GN	141	OK1MP*
K5VWW	W1OP	K0VSH	AC9S	SM5CBM
K7LV	W2KKZ	KJ9C	DL5MHQ	SP6JIU
K8AJS	ZS1C	LA9VFA	EW1BA	SV8ZC
KU4XO		N1IX	HB9FMT	W0SD
N3QE		N2WM	JA1PTJ	W9XQ*

WA8WV	UW8SM	UA0ACG	IK3XJP	JA8JO
138	W1EQ	UA9OR	JA0AOO	JH3AIU
DK8MCT	W2OIB	W4JKC	JA2TBS	JH3CUL
DK8YY	W6DR	YU1AM	JG1DUZ	K6XM
DM2RM	WB7QXU	133	JH4ADK	K8DV
EI9FBB	135	9K2NO	JI4POR	LB7ZG
F6DDR	5B4MF	EU1U	JJ1TEA	N0YY
IK8EPC	AG1A	G3UHU	JM1FHL	N2BJ
IZ2FOS	BA4RF	G4XEE	K1UU	N3KS
JA3OOK	DJ9ZB	IK5DNF	K9DR	N3RR
JF3LOP	DL9FCY	IZ8DFO	KC2LSD	OE3SGU
K1RO	F6FXU	JA6CBG	KH2L	PA3EWP
KJ6P	IK2SGB	JA7GLB	KM3V	PY2DS
OZ8X	IZ7EVZ	JA9AGN	KM4H	SM3BCS*
PY5EG	JA7LGE	JR6FC	N3MK	W0YVA
RW4CY	JA7LMZ	JR7FRW	N4QWZ	W7QHE
UN7JID	JA8BNP	K2CDJ	N5PHT*	W8MET
V51B	JA8JL	K6SIK	N6RK	W8MK
W1GD	K1ZE	KU2A	N8NA	128
W2YE	K4TT	OE1KM	ON4ON	AA4SC
W4YV	K4ZRJ	UQ2PZ	R0SR	JA1XCZ
W7OM	K7FL	VE3WT	R9MJ	JA2AHH
137	KX4TT	W0NFL	R9SA	JA2KSP
EA1YO	NZ9R	W2QO	S51NM	JA4KDT
GM3YOR	R3VA	W5AJ	W7JY*	JA9AA
JA3APU	R7LP	W6RKC	W8DCH	JE1LFX
K2QMF	RK2M	132	W8KA	JH4GJR
K4JKB	RN3RQ	AA4NC	130	K0FF
K7XB	SM3LGO	AD6W	CT3KN	K3XA
K8NS	SM5CZK	IK3VBB	DF9ZW	K4JAF
RA3CO	SP3XR	IT9RDG	E73M	K4SE
RG7G	SV5DKL	JA3DY*	EI2JD	K6LPO
UU1JA	UB3A	K6YUI	G7VJR	KG7CW
W1ITU	W1DIG	K9ZM	HK0HEU	KM4NS
W1OPD	W2GD	KO8SCA	JA2FBC	N5KM
W5ODD	W4BUW	N5ZC	JN1RQV	OZ1IKY
WB5JID	W4MBD	N6HY	K2MYR	R9SG
WE4S	W4RFZ	OZ2RH	K3NK	S53X
136	W6JTI	SM4BZH	K7LFY	S55DX
E72U	134	SM6BGG	K8BCK	SV3DCX
ER0FEO	CT3HF	VE3CRG	K9GL	US8UW
IK8CNT	IK4DCS	W4AXL	N9RD	VQ9LA
JA2KVD	K1TO	W4RBO	NA4EA	W2WC
JA5FDJ	K1ZN	W4WM	NO9E	W4IS
K0TV	K3OX	W5SL	OZ2ABI	WB0O
K4ZO	K5VIP	W7AH	R5QA	ZS6UT
K7TM	KS4YT	W7CD	R9AB	127
KR6C	N9MR*	W9FR	RU1AO	AC9EM
OK1DW	N9RS	WB3D	TA1CM	HB9EFK
SM3GQP	OE1TKW	XE2S	VE3DO	HK1MW
SM5OJH	ON4CAS	ZS1A	W2MPK	IK0LNN
SP2BMX	PY5HOT	131	W9ZT	JA1DDH
SP6M	RG6G	DK7YY	129	JA1WLO
UT3UZ	RX4HW	HS1NGR	HB9AZZ	JA8RJE
	SM0BYD		JA1NWD	JA9KRO

JI4WAO	KI4WCQ	K4ZIN	121	SP3PLD
JS2LHI	KV4AA	K5GH	AA4DD	SP7ITB
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K2HAT	N2KA	K6FW	AE3T	UR5IKN
K3TRM	N3EN	K7UT	DF1DB	US1CT
KV4T	N4JT	K9CS	DJ8ES	W2YR
N1AC	ND5S	N2ED	DK1EI	W3OA
N1GC	NW6S	N4DWK	DK6CQ	W4MAY
OE8HIK	OE1AZS	N6HC	IT9AAI	W4PRO
SK7AX	RA0BA	N6MZ	KD8RQE	W6RFL
SP6A	UR9QQ	N9JV	KG9Z	W7RN
SP7ASZ	UU7JM	N9LQ	N0OK	W8FIB
US0YA	VE3UTT	NA2P	N1JP	WA2USA
VE7BV	W5DAW	NA9RB	N3ND	WB6CJT
W0CP	W9CG*	S50B	N4TL	WC2K
W0RT	W9DX	UA3DK	N8PW	ZL4AS
W3BG	WT4Q	UT3QU	SV1AHX	
W3FOX	WV4TN*	W1AO	SV1FKZ	119
W3MF	YO2RR	W4NF	UQ1GWW	AA3AZ
W8LMG		W8NJR	UT4EO	DK3GG
XE1KK	124	W9YE	UU2JQ	DL9OBY
	AA7XT	XE1H	VA3AYA	EW4M
126	AB1OC		W0QQ	G4DJJ
AA5JF	AJ4A	122	W2GG	HB9AAQ
DG7RO	JI1DHY	G3NDC	W4UCK	HB9BCI
DJ8WD	K5UZ	HB9DHG	W6XI	I2TZK
F8BPN	KD2T	IC8SQS	W9XX	I4MKN
G4IUF	KD4POJ	IU0LFQ	WA1PMA	IK0ZIO
JA7KY	NA2U	JA1MRM	WY1G	IV3HYD
JJ1DWT	PA0TCA	JA2HYD	XE1VIC	JA3AZD
K2ZD	UA0BA	JR3UIC		JA4XGC
K4XU	VA7CRZ	K1BZ	120	JE2JMV
N9DED	VE1DUN	K1ESE	9A5F	JH6CDI
OK3CQD	W2JU	K1YT	AL7TC	K7EG
PA5TT	W2RIJ	K2MP	DL2VWR	K8KWT
VE3CX	W3FM	K3NF	FG5FR	N0KV
W8REW	W6CYX	K7ZA	HB9BLQ	N4DJ
W9ILY	W9FI	LA7WCA	IZ0LKV	N9UA
WB2REM	WB8K	LA8PT	IZ5NFD	NT2A
WD4LBR		N3NR	JA4EPE	NY7T
YU1EXY	123	N9AW	JG3LGD	OH5NG
	AC4TO	NN7X	JR6LLN	OK1DT
125	DL7JRD	OZ3Y	K2BA	R6FFB
9A1AD	EI2GLB	RD4A	K2HK	SV1ACK
GW3TMP	F4GTB	SP9WZS	K3QIA	W4HZ
HK4SAN	G4WFQ	UU4JMG	K9SG	W5JMW
IW0HEX	G5LP	VE3YF	KA8ZPE	W5QP*
JA4IYL	HB0WR	VE6AX	KP4AA	WX3P
JA6VU	IK2CHZ	VK4CAG	N4BAF	XE1RCS
JE1TSD	JA0CRG	W0RX	N4LR	
JE6UWU	JA1SJV	W2TB	N4TB	118
JF2WXS	JA3MHA	W3RJW	N4UFP	5T5PA
JH1AGU	JA6WJL	WA3I	NA9Q	AB2E
K1HAP	JR1EBE	WA7BNG	OE3EVA	DL5OCE
K3FRK	JR2UBS	WP3R	OZ2A	IT9DAA
K5KG	K2PK		PZ5RA	JA1OVD
KA6BIM	K3XO		RL3BZ	JA4FHE

J18DGO	SP8HKT	K1EDG	WN9O	G3XGC
JN7DOS	UA6J	K4CMS	WT9U	HB9CRV
K3WGR	UR9IDX	K4GHS	XE1RBV	HB9G
K4CNW	W3ICM	K4GK	XE3ARV	HI8R
K5XM	W4ZRZ	K8YTO		IK2ANI
K7PI	W6SL	LY4T	113	IU8FRE
K8LN	W8ZR	N0IRM	9A1A	IZ4DIW
K8WVA		N4OA	DJ5DT	JA1SXR
K9FN	116	N8KOL	DL1HRN	JA7BXS
KD6UO	AJ4F	N8NN	DL8CM	JR7TEQ
KG8CW	DL7URH	N9ISN	DL8DYL	K0CA*
LZ2HM	EA5BRE	PA3AXU	DL9GTB	K0JPL
N2MM	G0VXE	RZ6MJ	G4AFJ	K1EO
N5BO	HA7PF	SP7JLH	IK8UHA	K1KO
N6MB	HB9CEX	UA1ANA	JA4ITW	K4MS
PY2PA	IK0EIE	UA1CGS	JH1ORA	K4NNX
SV9COL	IK2OHG	UA6XT	JH9DRL	K4SAF
TA2RC	IK7YZG	UN6T	K0TPP	K4UAS
TZ4AM	IT9TQH	WA8MCD	K8SL	K8CC
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W4DAO	JE2EHP	YL2CZ	KH6DX	KM1C
W4NJ	JH3GCN		KI0G	LA8HGA
W5VY	K0GD	114	KI4DLS	N4ZY*
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YO4AUL	K1RI*	BA7IO	N6PE	RU4SU
	K6RO	CT3FN	N7KO	SM3DMP
117	KT1V	CU3AK	NA3F	UA1ACG
9K2OD	N2WLG	DJ9RR	NI5F	UA1CEI
9Y4VU	N4IQ	DL6NB	PY7DJ	UT6UD
AB4GE	OZ1LCG	DL6UAA	R7NA	VE7XF
AE0P	PA0JSE	F6CWA	RA4UN	W1HEO
BH4IGO	RV3ID	G3SDL	RZ3AUL	W2CVW
DL1DWT	UA4PCM	HP3TA	SM5ARL	W2SKI
EI8IU	W1ENE	I5OYY	SP3EPG	W3UL
G3LAS*	W1WEF	JA4BXL	SV1JFV	W3XY
G3PLP	W7GG	JF2WGN	SV2AVP	W4VHF
JA1HQT	W7OEV	JH6WMJ	UN7TW	W5VX
JA4FM	W8LRO	K1RV	VE3KI	W6KK
JA7GYP	WA4CEM	K2DC	W2GW	W6TC
JA7IC	WQ5L	K3MD	W6BK	W8GEX
JM3GXU		K3OSX	W8FAX	W8HMK
K2BB	115	K5CD	W9VNE	W9SE
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K8OOK	CU2CE	KB8U	WA4DOU	ZP6CW
K8QM	DL5CL	KZ4V	WB2HJV	
KV1J	DL9GOA	N1QY	WB4TDH	111
N2JJ	G8BCG	N3MN	WS4C	AA4U
N4IR	G8DX	NG0G	ZL1BYZ	AF4OX
N8AA	HA5UK	NK5B	ZS1J	CU3AN
N8XI	HK3PJ	NU8Z		DK2WH
N9HF	IZ0CKJ	UA3FT	112	DK6ED
NY4G	IZ7JVR	W0VX	A92IO	DL6JZ
NZ3M	JA2KNW	W3MR	DJ1RL	EV1R
OH8LXT	JA3NHL	W4TUN	DK5RL	F6ECI
ON5UE	JA5WIZ	WA1FCN	EA1JO	G4DBN
OZ5HP	JH1RFM	WA9YYY	EI5GSB	HC1BI
SM7BIC	K0SD	WB2UFF	EW1DO	HL3GOB

JA1AUD	KB4MRX	RW9QA	W3NRJ	US5CB
JA1FGB	KB9DAK	RX3AGD	W4ZYT	VE3OI
JA1NCZ	KC2STA	TG9NX	W7ACD	VK3NX
JE8TGI	N2CG	UB5ZAL	W7JET	W3KB
K0FLY	N3HBX	UT7KF	W8IW	W6TDX
K5WAF	N3IQ	VU2CPL	W9NIO*	W8VK
K7ORK	N3JB	W1LE	WA2ALY	W9CPV
K9AJ	N4KE	W5WP	WA8MOA	WA0RVK
KM1R	N9PGG	WB5TUF	WB8BZK	WB8ART
KZ0X	NC6K	WN0L	WC1M	XE2YWH
LA0CX	NK7C	YV3AGT	WC6DX	YL1XZ
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N7BD	RD9M	108	WW1WW	106
NA1DX	SM5BHW	AI2Q	ZL3RJ	AA4FL
UR6QA	SV1VS	AL7R	ZS2DL	AE2U
VE6KC	UA3O	DL6CNG		DF7GG
VE7CT	US7MM	ER1LW	107	DJ6OZ
VE7UF	W0UY	G3VAO	4Z5LA	DL2NOM
W0VHF	W4DC	HB9BAT	DK3FB	DL3JSW
W1FO	W4NE	IK0PRG	DL1QQ	EA1CP
W4HOG	W5ZPA	IZ0BTV	DL2CHN	EA3CCN
W4OX	WL7E	JA2MOG	DL5XU	HA8DZ
W5AQ	WS1L	JH7XPW	DO4DXA	IW3GJF
W7VS	XE1FAS	JJ2PIK	EA5AT	JA1VLK
W8MIL	YU7AU	JK1MZT	EA7QW	JA2MNB
W9RB	ZL3NW	K0MD	FG8OJ	JE6IGP
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WA2MUA	109	K1XM	G4RGK	JG5RVQ
WB9EEE	EA3GHZ	K2KQ	I5IHE	JH2KKW
WU2M	EU4T	K2MK	IT9XTP	JH6PFY
YL3DQ	F8EZE	K4WY	JA4EVN	JJ0NCC
YO6HOY	G3SVD	K6UT	JA5EY	JR0EQQ
	IW0HQE	K8OM	JA6OXT	K0DEW
110	JA2CXF	KD9HL	JA8JTH	K0LB
AA4UC	JA7SFD	KM8AM	JH7BKN	K1PX
BA4MY	JE1SYN	KN4JX	K1TZQ	K4DSE
DF1KG	JF2VAX	KX2A	K3SW	K5AM
DL1VDL	JR1BAS	KZ1W	K3YBN	K5FUV
EA5BYP	K2CJ	LU2DKT	K8LBT	K5ZQ
F5BAR	K2ONP	LZ3YY	K8ZR	K8JJC
G3LNS	K4RDU	N2DPF	KE2R	KK8X
G8AJM	K5FZ	N4MEC	N2RR	KK9H
I2BBJ	K5KA	N6RFM	N3DAP	KQ3F
IK5RUN	K5KPE	N9SF	N6EE	N0JZ
IZ2EWR	K6MW	N9TF	N8AGU	N2CW
J68HZ	KA9UVY	NU4Y	NA5Q	N2SQW
JA7EPO	KE1F	OH4UI	NE1F	N3XM
JE2UFF	KL7RA*	PA0ZH	OE1CP	N8AID
JH1VHU	N1BZ	R5FY	OH2OT	NA5Z
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K3JRR	N7TY	RA1OHX	OK3CQR	NS3L
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K4WW	NN4RR	S57J	RN4AA	OK1AYU
K4YJ	NU4I	SM6AOU	RV6ARZ	OK2BVG
K6MI	NX7U	UX7UN	SP3BQD	PA0GMM
K6VKO	PY5CC	UZ6LWZ	SP5JXK	S57AL
KB1HY	RW4UU	W2UB	SP6AXW	UR3CRO

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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
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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
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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
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K5AV	JA1WSK	W6PH	OK1DQT	K3KG
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K7OX	JF1EGO	WA0I	OK3BRK	K4KAY
K9RO	JF6WTY	WA3PTF	OZ7JZ	K4LM*
KI5T	JK1BSM	WA9ETW	R9GM	K5ZO
KT2E	JO1WXO	WW5G	RA0FA	K7BHM
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N4SC	K3FM	103	SM6EHY	KJ6NZ
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N7DR	K4VIG	AI3Q	US2WU	KY6R
ND3L	K5HK	DJ1MM	UT2AB	LA3ANA

LA6UL	GM3WTA	RY6M	GM3ZSP	N4RWG
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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
UR5WIF	K7IA	W7AV	K3TZV	ON9CC
UW7CN	K8BN	W7CB	K4FT	OT1A
VE2FYR	K8YYY	W7QC*	K4KGG	OZ1ZD
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W3EKT	KF7NN	WC4H	K8CR	RA4LW
W4ALF	KN6J	WK9U	K8CS	RA6XB
W4KK	KQ1F	WR2G	K8LE	RC2A
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W7IUV	LA2GV	YO6BHN	KB0EL	RT5A
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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
G4FJK	RK9F	G4CGG	N4CRI	W0MU

W1AN
W1YRC
W2CCC
W3BBO
W4HHN
W4OEP
W4OV
W6WA
W7BA
W7DT
W8CNL
W8FN
W8GDQ
WB4SON
WB8TGY
WK4Y*
YB1TJ
YL2SM
YO9FLD
ZP9MCE