

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 29 Oct 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 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	328 UA4CC	317 W3LPL	RA7A RZ3AM SP2FAX	NN4T UA6A	299 K4TEA N1BUG SV1FJA UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	316 K5RK N1DG OH3SR W2VO	310 I4AVG RA3CQ SM5BFJ SM6CVX W5IZ	304 DJ0MDR GM0GAV SM3GSK	298 9A2AJ DF2UU IK2DFZ OE6IMD OZ3PZ RA3DX SM5CEU
340 K1ZM	324 EY8MM K2TQC K4PI OH2BO S50A W1NG	315 IK4WMA PE5T S50U W1JR	309 I4EWH	303 F5LGE G0JHC GM3YTS JA1BK JA4LKB K1UO RU3DX	297 DK5PR N4CC OM2XW W0FLS
339 W4DR W4ZV	323 SP5EWY	314 IK4GME NX4D OG2M OK3GU OZ1LO RW2A UA4CR	308 IK4MGP IV3PRK K4SV K8GG UT3UA	302 DL4MCF SV8JE	296 DF3GY F5NTV G4PWA ON5NT RY9C SV8CS W1JZ
335 OH2BU R7LV	322 UX0UN W3UR	313 GM3POI OE3GCU OZ7YY	307 DJ7MI N4RJ OH5VT VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX SP3EPK	295 K3UA
334 N4WW	321 WB9Z	312 OH1MA S54E	306 EA6SX K4CIA SM0AJU WT3Q YU1FW	300 G3KMA I2ZFD JA2JPA JA4DND JA4LXY OE1WEU PA3FQA SM3EVR VA3EF	294 DL1AMQ JH2FXK LA5HE N0TB
332 UR0MC	320 K8MFO SM4HCM W8UVZ	311 DF3CB DJ6RX DJ9KG G3PQA KJ9I	305 CT1EEB JA7NI K4ZW N4IS		
331 K5UR LZ2DF UT7QF	319 N0XA SM4CAN UT5UGR				
330 AA1K HA0DU OH1XX R4GM	318 4X4DK W9ZR				
329 K3UL UA4HBW					

RJ3AA WD5COV	287 DL1RWN G3XTT N2QT RK4FD VA3DX W4PK	JA2PJC K1CP S59Z W4TO	K4IQJ SP6AEG UW2ZM	W1MK	SP1S
293 JH4UYB S58T			274 CT1EKY G3TXF JA8ISU K1ZZ KF2O W6UB	267 LU8DPM RZ3DX	260 K1LT K4DY UT9FJ
292 G4BWP IZ0AEG JR2KDN OZ1BTE SM5AQD SP3IBS SV1AOZ W3YX W5ZN W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UA3AB UT7UW W8AV	280 EA6NB RV3LO SP6HEQ YO3APJ		266 G4OBK K1QX NR1R R3LA W1GL W8TE W8XD	259 DF4PL F6GCP G3ZSS I1FQH R9FM
291 9A7V I5NPH KD9SV R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ	285 G4CCZ UR5WA	279 IK4DRY JR7VHZ KG4W N2TK N5DG SM6CNN SP5CJQ UA6MF	273 IK8HJC K2CL K5BG MD0CCE RA3DA SM6CCO UA3DPM	265 AA4V* AA6YQ AA7A EA5BM EI7BA K4XP RW0LT SP5DIR YO5BRZ	258 KW9A N2NL RN3CT VE3QAA
290 UA3AKO UT1UY	284 K5XI SP3DV UX1AA	278 DK0EE F6BEE IK6DLK JA3FYC K5DU RU3FM	272 9A2EU DL1DUL DL2OE OH1LEU PA7MM SP6CIK	264 IK2YCW K7ZV	257 K1GUN K9NW N4II N8TR W9YSX
289 JA3ONB K0KX K4WM N8DX RX4HZ US4EX	283 DL7VEE JA5EXW JH4IFF K4SO N7NR NA0Y NO3M R3OK SM6DHF	277 AA4MM DJ9VA DK5WL F6AOJ HB9AMO IK5BAF OH3BU ON7TK SP9DWT	271 EU7A G4GED JA5AUC OZ1CTK SM5KNV	263 IZ1ANU K9OW KX4R LA5IIA N3NT W2SM W3AP	256 9A5CY JA5BZL JH1GZE K5VRX K8FL KY7M SV8GFW W1TSP W3DF
288 CT1APE HB9BGV PA3GCV SL0ZG SP7VC UA4LY US5WE W0JX WK3N	282 DL1YD HB9BIN I0WDX K8KS K9CT N2LT NJ6P SM6CTQ UY5ZZ W0BV W2YC	276 G3LZQ N8RR N9IW OK1AWZ VE2Tzt	270 AA1V LA3MHA OE5KE SV8BHN	262 G0DQS IK5HHA KR9U N5KD W1YY	255 IV3ODE K4QL N2MF R5AJ UX0FF VK4MA W3KX W5OZI
	281 DF2PY	275 9A1CCY F5NBU I2AOX IK4CIE K2UO	269 K6ND KD5M SP9JZU W1ZC	261 9A4T DL9YX K2EK K5KC N6SS NO8D	254 AA1QD I1EIS N0AT OM3DX

WA4FFW	NO2R	KA9CFD	OM4EX	231	JR6EZE
253	R7IA	N4XM		4X4NJ	K9FD*
5B4AGN	WA7NS	N5TY*	236	HA9RE	N6JV
IV3YYK	WB3AVN	N7RT	AB4I	IK0YUT	ON4GG
K5ESW	YO9HP	OE2LCM	K1JO	N6AR	SP3CGK
S58Q	246	OK1DWJ	K5EK	N7NG	US0SY
UA1OMS	DJ2TI	SP5GRM	K9NR	ON4ACG	UT5JAJ
W0YG	F2JD	UA3TT	K9ZO	W9IXX	VE6WZ
252	IK0MHR	VE1YX	KC7V		W0VTT
EA1DR	JF8QNF	VE3NH	OK2ZI	230	225
JA2VPO	K2FF	240	OZ4O	DF6PB	A45XR
JF2MBF	N6TR	EA6ET	SP8AJK	JA1CMD	JH7PFD
JG3QZN	TF4M	G8VR	WA7NB	KD0Q	K1MM
JQ3DUE	UR5EDX	JA5MHD	235	N8JV	K5AB
JR3IIR	W2TQC	JR3GWZ	CX6VM	SM3NXS	K9FD/KH6*
ON4AOI	W5XZ	K0JUH	EA6VQ	W4GF	N4CH
PA4VHF	245	K0KT	JA0FSB	W4VQ	RA3QK
R5DT	DL4CF	K1FZ	JH4ADV	229	RV1CC
S52F	JA1GV	K1ZG	K3SWZ	CT1FJK	RW3XZ
W3UM	JA7QVI	K9OT	N6DX	DJ4AX	SP8NR
251	N9US	LA2XPA	R7DX	JA8FKO	VA5DX
DJ7RD	RL9F	UR5MID	VE3XN	J11BEX	W7KW
DL9RT	RY7G	VO1NA	234	OE5NNN	224
JH0BBE	W9XY	239	IZ8FFA	RO7T	MM0EAX
PY2RO	244	AJ6T	K1AR	228	N0AV
W5UN	AG9S	K1DG	K4UTE	AF9H	N8BM*
W7LR	DK6WL	K1HTV	KF0QR	AI0O	SP5INQ
250	F6BLP	KH6AT	PY1BVY	E72A	SP7GAQ
HB9RG	IK0XBX	LY3UM	S51DI	K4HB	VK6VZ
NQ1K	JA1HGY	NV9L	233	N2WK	W2RQ
OZ8BZ	ON4IQ	RN3QN	DJ5FI	OH2BEN	223
249	243	RU3QR	K0CS	VE3DZ	AB0X
AB3CV	DK2JX	SV1ELF	K2UU	WB6RSE	DJ8NK
AI9L	DK3DG	SV1RK	KA7T	227	HA7TM
K9RX	ON4ATW	UW5ZM	SK3PY	DL7HU	JH2TPI
SP5DRH	S57A	238	UA4HAU	ES1RA	RT6T
248	SV8CKM	DL8WN	VA2WA	I3BUI	SV2JAO
K3WW	W9RPM	IK0XEZ	W1TC	IK0HBN	UR5FEO
K5RX	WX4G	IZ1LBG	W7AO	IK6FWJ	ZS4TX
SM3VAC	242	JA0DAI	232	JA1UQP	222
T77C	EA4KD	OK1CF	EA1N	JA2NDQ	IV3JVV
W9NGA	KG7H	RA0FF	FK8CP	JA9CHI	K3SV
247	241	VO1HP	JA8EAT	K1FK	K6EID
K0IEA	JA0CRI	W3LL	JG1ULJ	K3NW	K8FH
K6XT	JA1SYY	237	JH1HGC	W9BF	K8ZTT
NN4X	JA3EMU	AC4G	K2AZ	226	N5AW
	K5ZK	DL7MAE	K4XL	DL5WW	N5JR
		IW1ARB	NI6T	JA6BZI	N8PR
		NI0G	UA3AP	JF2KOZ	N9BX

SM0CCM	UA3AGW	212 AA9A DL9GFB K4MQG K8ZH KE9I KG6I N1ZZ N4MM NX0I OZ1AXG SM5CZQ W1ECT WB9CIF	LA7HJA N5ORT RU3ZX UN5J UY1HY W6PJ W9EWZ	UA0SR US6EX W2HUV WD8PKF WF4U WI8A	200 G0OIL IK0FVC JA1GTF JH2RMU K1GE K1GG LA5YJ RW4NN RW7M UY0ZG W0DD W1NT W3GG
221 JA2WYN JJ3PRT K4MWB K8SIX N6VR W1ZK W6JRY WS6X	216 F6DAY JA9PPC K3JGJ K5EJ N4PQX N5UL OE1ZL RZ0AF W0GJ W6XA YO7LCB YU3AA YV1DIG	211 EA1RT IK4DRR JA4DEN K3WA RU3SD WA5VGI WP4U	207 K1DT K1LPS K3JT K8EUR N9AU* PY2BW PY2XB W0LS	203 AA5AM JA2XYO JE1PNX K4XO K9MMS KK2I NK1K OH1TV PA0A R6AF W7DO W8GC	199 DK2LO G0BNR HB9DDO JA2DPC K6GXO KB8VAO N4DW W1TO YO2DFA
220 AG8B DK2NG HB9LCW HL5IVL JF3KON JR4OZR KA1R N1LN VE3EXY	215 IZ8FWN JH0INP N7JW RA1QD W0UO W2LK W6YI	210 I8SAT JA7MSQ JJ2LPV UW7LL W7JW	206 IK0IOL JA3PIS K2VV K3LR K5AQ K5MC K8AC N8DJX SM6BZV US0KW VE3BW	202 DL1MGB DL2KQ DL9DRA JA2JNA JA3CSZ JA5AQC JH3VNC JI2KXK K2NV K9YY LY1G N5ZM N7KA OK1DOT R9TO RA3S UA9FAR WA2HZO ZL3IX	198 DL1ROJ G3UJE G4BUE I5KKW IT9JNR JA4PXC RX3APM W8HB
219 IK3VUU JA2FBY JA2FJP KV7K LA7GIA LB8DC OE8RT RA3WDK SP4K UT7UV WA2UUK	214 DL7BA HL3IUA IZ8VYU JA2JW K4NA LA4GHA LA7JO OK1DX RN7G W4NL	209 DL5CF DL9MRF EU1KY HB9CXZ HB9DDZ JA0UUA KG9N N9LB VE1DX VE3LYC W0ZR W7KNT W9OO	205 F6EXV I4KDJ JA3AAW KA9FOX W8UN WB8ZRL		197 G3SNN JE1BMJ JH2UVL K8NVR OE4PWW OE5FIN ON4CD RZ6FA UA0SC UT5EL W0FS XE2X
218 AD5A DJ4PI DK0PM IK1YDB JA6LCJ JA8CDT K0EU K5UO UT4MF W5PJR	213 DF2IS EI3IO HA1RW JA2IVK JF6DSZ K1ST NA2M* RU4SO W0LYI W1FJ W2WG W3YY WS9V	208 G3NSM I4LCK JA9FPI JF4VZT K2FU K5RT	204 DJ5AV EA5KA F4BKV IK7NXM JA9NFO K4JJW K9US KK4SI LX2A N4NX N4QS N7FU SM2OAN	201 AG4W CU2DX DL1EJA JF1PUW JO7WXN K3HP W0MHK W2IRT W5TCX	196 4Z4DX AA4HP

IK4PLW	WA2VYA	188	K4HGX	W8TN	OK1DWC
JA3RAR		AB4IQ	K5KLA		RL3FA
K8PO	192	CT1FMX	KB4ET	179	SM5FUG
KP2A	9A2NA	JA1KQX	N9RC	IT9ELD	W4BP
ND0N	JA7JWF	KB0EO	S57AC	IW0SAF	W4GD
RA9CMO	JH1RFR	KB1EFS	US8UA	JA9NLE	YO7NE
RZ4FO	K3FN	KE9ET	UT2UB	JR7BDQ	
W2FCR	K4FJ	KL0S	W2YJ	K0TT	175
W4UM	K5XX	N8LJ		K8WK	JA1CHN
	K7GM	RM0F	183	N2PK	JH2QMT
195	K9EU	W1YM	IT9INO	OK1MG	JS3CTQ
EA3JL	KF7PG	W6SR	K4CN	S57UN	K4DLI
EA5RM	N4DB	W8JV	K8RRT	SM4DDE	K5GKC
G3ZEM	OH2IS	WA6YEE	K8VC	SV3FUP	LA5LJA
JA0EOK	W3UA		N9MB	W8KEN	N7IR
JA1EOD	W3YQ	187	NN2L		N7XR
JH1QAX	W8LGJ	AJ1H	ON6SAS	178	PE1L
JN7FAH		JA8DNV	W2FP	4Z5CX	SP1MGM
K3PA	191	K0SR	W8NW	EA3CJ	TF3SG
K7SO	CT3MD	K6SRZ		JA4MRL	VE3FF
K9RT	JA1ANR	KN5O	182	K2UR	W8HC
KF8UN	K0BBC	LA0FA	DJ9ON	NE0U	WX0V
N1SV	K0JGH	N2NS	DK3UA	SM7DLK	
W5ZG	K8FC	OK1CZ	HK3W	SV1JG	174
W9OP	K9LA	SP3FAR	JA1SHE	W6NWS	4Z5MU
	NE1B	W7AWA	JA3ENN	W7MEM	JA0GJJ
194	RK2FWA		N3OC	ZS1LS	JA1PPW
JA1XEC	WE9R	186	UR3EO		JA2XW
K4KDX		9A8A		177	JA7MOL
K9JF	190	IK2QPR	181	9H1SP	JF7DZA
KB9LIE	IZ8XQC	JA2LCP	DK3WW	AE5E	JK1OPL
LA7AFA	JA1DUH	K0BJ	JA2BDR	CT1GFK	JR6PGB
SM7GIB	JA1MCU	K7LAY	JA9TWN	IK4ADE	K1KI
W2LO	K2TE	YL2TW	JN4MMO	JL1SAM	K2KA
W4FC	K9KU		K2EP	K3WC	K3AJ
WD8JJA	KM1D	185	LZ2ZG	K4RG	K4TR
WN6W	N4XU	AB6QM	VE3OSZ	K9NU	K4WS
	N5GH	CT1EAV	W9AJ	SM6DHU	N1EN
193	SP2LNW	EA6BF		W2OR	OE1WHC
CT1IUA	VE7VV	G3KWK	180	W5LT	RN7F
DF2GH		IK3SWB	CT1FPQ	W7FI	UA3LNM
DK1FW	189	K5ZD	DM2DXA	WB7B	W8UV
DL5ZB	9A2F	LA3WAA	DM3VL		W8VVG
DL6ZXG	AA1ON	N4TJ	EA8JF	176	WT8C
EA3WD	EA8PP	N5UR	JE2URF	EU1AB	
HA5BSW	FM5CD	OE2BZL	K6SSS	G0BLB	173
K4ODL	JA0VSH	SV1DPI	K7BG	I6FLD	5B4ALJ
N5LZ	SM0NJO	UA9CBO	LA9AJA	JA0DET	I1JQJ
N9EN	SP7HOV		N1RR	JA5IU	JG0CQK
PA0LOU	UA7T	184	N4AH	JA6BJV	K1NTR
RN1ON	WA3C	HA5WA	ON5FP	JA8KSF	K4XR
UA0CA		JA2ZL	W1RM	K8MN	K9YC
W9MU		JF1NZW	W7BEM	N5OK	KA1J

N5FG PY5EW UN9L W3IP	JR1IZM K1LI N4XX N7US UT8MM UY5AA W6RW W7YAQ WB3JFS	HB9FMN IV3TDM JA1FNA JA9LJS K1KA K3KY K4JLD K4PB K4WA K4ZYU RM3DA W0DJC W1RR W8ILC WA8TXT	JH4CPC K7NN K8TL OK2QA UR4CWQ VE3CFK W7AL	RU6L UA0FZ UX5UO W1BR W5XC W9RN WX0B	N5MOA NE9Z RU4UR SM3PHM SV8ZS W2TA W5GZ WS7L YV2IF
172 EA7TV G3NKC IZ5MOQ JA3FGJ JG3IWL K0DEQ K1BD K6FG KJ0M VE6WQ W3JX W4FQT WA9PIE WC4X	168 G3MXJ IK2EGL JE7JDL JF2UPM K4XD K5QY K8RYU KR4F N4QQ N8BJQ PA7F SP5GH SV2AEL W4SVO W6VX W8OI WA0MHJ WA5YNB	165 DL7UCX F6HDH I2ZGC IK0AGU JE7RJS JH7CFX K5JZ KK4CB N4HB N9FN NY0V RC9F SM4CTT SP6EQZ W5BN	162 4O3A 9A4W F3AT HB9TKS IZ4DPV JA6GIJ JR5JAQ LB6KC N8MR RW3RN W0HT W0TT W1LW W8WEJ	159 JA4FKX JH6QFJ JL1RUC K4RO OK2ZV UN7JX W3HKK W6BJH W7SX WD5BJT	156 AB9V IZ8IEV JE3GRQ JO7HAM K0QC K8YSE KS1J N3RC N3UA N7WS OE5RLM UA3SAQ VA3LX W1YIF W4TV
171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU KI5BLU N0RN N4OGW N7RO RA3DNC SV1LK	167 DK5AD EC3A EI6FR JA6VQA K6KO K8NK K9MBQ N0IJ N3BNA OH2BLD PA3C RA1AOB RN9N S51EC W1YW WA4LOX WB0TEV WC5N	164 GU4YOX HA7UW HB9BZA JA1RTX JA7ZP JH2SON K1NJ N5WA RA3ZH RN3OG W4DKS W4NS* WP4G WW3S	161 DK2GZ DL6RAI HB9DHK JA1DOF JH4ALY K1USA K5GO K8ND LB2TB N4GN OH6RA VK3HJ YU2TW	158 AA6AA DJ4PT DL1FKA G4GIR IT9DSZ JA9APS JH1TWT JI1FXS JI1NJC JR1GJP K1CA K5TT K9GA OZ1HX RU6M SM4EMO W0SZ W1OX W2XL W3GQ W4QN	155 CT1FCX DL1RK DL4SZB HB0CC K2LS NE0DX NW7E SM6VR W2XI WE1P WS5W ZS6EZ
170 DJ6TK JA6JPS JE3ENP JF1WPB JM1GYQ K6ZZ N4PY SP3GTS SV3KH W9EVI WA3AFS			160 AD5Q DK1WB DL1DA IK0FUX IW2FND JA2EPW JE2DZC JE2OVG JF2XGF JR7MAZ K3MSB K3RA NR4M	157 AA4H AC6DD DL4MM DL6MRS EA5BY G3TQZ JA1GHH JH7IAJ LY5A	154 3V8SF GM3PPE HB9BUN JA8NFV JR3OEH K0KVR KR2Q NX8Y SV1CNS W1NA W5DNT
169 IK0PEA JA1ADT JE2LPC	166 4Z1UF DJ4SO	163 9A2JK DJ9HX JE2LUN			

YS1RR	K2FW	148	KF6HI	WB8CQV	HB9RYZ
153	KD0PO	DK2CC	KR0P	WB8ZRV	JA4OK
AJ9C	N2ZN	F5CQ	N1CGP	WD9DZV	K5WK
DF2RG	N5JB	F5LVL	N4GG		K6KLY
DL3ZA	OK1ATP	F5PAC	N6PSE	142	KF8DX
G3TJW	RD3A	G4FTC	NA5C	I5HOR	N4XP
HL2CFY	RU3A	JH1QDB	RT0F	JA2ATE	OH6NIO
IZ3ENH	S54A	LA6OP	SM3DTR	JH0BQX	ON7DR
JF1IRW	SP7AWG	N2WB		JR7WFC	UN1L
JR9OPJ	SV9AHZ	N5XZ	144	K3PP	VE6SV
K7SP	W7CT	NE3F	CU3EQ	K4WZ	W0SEI
K8VFX	W7RH	W5FKX	DL5CW	K6EME	W4NU
LZ1PM	WA1Z	W9JJB	DL5KUA	KK1W	W7IV
N4TV	WA2BCK		E70T	LA9VFA	W8LWU
N5TW		147	EI6IZ	MM0SAJ	WO2T
N8II	150	EA3GP	GM3ITN	N7QT	YL2MU
R9OK	EA1AF	IV3VBM	HB9BYQ	NA4D	YO9FNP
SM6CLU	IV3RAV	JA1XQC	I5MXX	NQ7R	
SP5CCC	JA1SVP	JN1BMX	IT9GSF	NY2NY	139
UT5UY	JA2NQG	K7HP	IV3DXW	OK1DO	DF7EE
WB8BPU	K0RS	K8UT	IZ4GWE	W2OO	DJ4XA
	K5TR	KM1H	JA3GN	W5LUA	DL5EBE
	K7LV	N1IBM	JE1FQV	W5VQ	DL8OH
152	K8AJS	PC3T	K0VSH	WA5POK	DS1JFY
EW2A	KU4XO	W1OP	KJ9C		JA1TMG
JT1CO	N3QE	W2KKZ	LA9GX	141	K3ANS
K9MK	N9CO		N1IX	AC9S	K6AM
KQ4AV	OE8SPW	146	N3KK	DL5MHQ	K8GI
KS3F	SQ5EBM	EU4A	OH1JP	EW1BA	K8RF
N9OY	UA6YW	JA1HQG	SM4OLL	HB9FMT	KA8SYV
S55ZZ	W2/CT1GIF	JA4DHN	SM5CLE	JA1PTJ	KU0A
UA6IGI	W6DAO	JA5XAE	W4GE	JA9RRH	LA8WG
UN7LZ	WW2DX	JH1GNU	W5ADD	JH1HHC	OK1MP*
UT5AB		K5KV	W7ZI	JH4JNG	SM5CBM
VE6LB	149	K5SM	W8RLS	J11DCW	SV8ZC
W1SKU	DL7CX	K6NR	WC5M	JL1UXH	W0SD
W1VT	HB9HFN	K7WP	WD5T	JR2LJO	WA8WV
W6RLL	I0JBL	N7BT	YO3CD	K2RW	
W7AJ	IK4FNF	RU0SN		N8OC	138
WB3CQM	JL1ARF	W1IZL	143	NJ3K	DK8MCT
	K3TN	W1ZT	DL1DUO	OE6VIE	DK8YY
151	K4YYL		DL6EN	SV3FUO	EI9FBB
AA7G	K5VWW	145	HS0ZEE	W2CG	F6DDR
CU2AP	K8ME	AF4HX	IT9BLB	W3BW	HB9CQK
DK2OY	K8ROX	HI3T	K7CMZ	W4JVN	IK8EPC
EI9JF	R8TX	IZ0RVI	K7CW	W4VIC	JA3OOK
F3SG	SM6CUK	JE6TSP	N2RJ	W4WT	JF3LOP
HB9SLO	UW7UA	JJ3HGJ	N2WM	W8GNM	JH7RXU
JA2VQF	W0GG	JK1AJX	N5UW	W8HW	K1RO
JA6BEE	W7HPW	K1OA	N6PAT	ZS1C	K2RET
JH1NYM	WB8B	K3VAT	NN4R		KJ6P
JR1XIS	WD5K	K4OY	W0IZ	140	LB5WB
K2AX	YO3DDZ	K8BL	W6QUV	9A1CAL	ON6AA

OZ8X	K4ZRJ	ON4CAS	N4QWZ	W0YVA	SK7AX
RW4CY	K7FL	RA5BM	N5PHT	W7QHE	SP6A
UN7JID	K7XB	RV4LC	N6RK	W8MET	SP7ASZ
V51B	NZ9R	UQ2PZ	ON4ON		W0CP
W1GD	R7LP	VE3WT	PY5EG	128	W0RT
W2YE	RN3RQ	W0NFL	R0SR	AA4SC	W1OPD
W4YV	SM3LGO	W2QO	R9MJ	DM2RM	W3BG
W7OM	SM5CZK	W5AJ	R9SA	IK2SGB	W3FOX
	SP3XR		W8DCH	IT9ZZO	W3MF
137	SV5DKL	132	ZS1A	JA2AHH	XE1KK
EA1YO	W1DIG	AA4NC		JA2KSP	
GM3YOR	W1EQ	AB9M	130	JA9AA	126
IZ2FOS	W2GD	AD6W	DF9ZW	JE1LFX	AC9EM
JA3APU	W4BUW	IK3VBB	E73M	JH4GJR	DJ8WD
K2QMF	W4MBD	IT9RDG	EI2JD	K0FF	DL9FCY
K8NS	W4RFZ	JA6CBG	G7VJR	K3XA	F8BPN
RA3CO	W6JTI	K6YUI	HK0HEU	K4JAF	G4IUF
RG7G	WE4S	K9ZM	IK3XJP	K4SE	IZ7EVZ
UU1JA		N6HY	JA2FBC	K6LPO	JA1XCZ
W1ITU	134	OZ2RH	JG1DUZ	KG7CW	JA7KY
W5ODD	CT3HF	SM4BZH	J14POR	KM4NS	JH3CUL
WB5JID	HA1RB	SM6BGG	K2MYR	N5KM	JJ1DWT
	IK4DCS	SP6M	K3NK	OH1ZK	JN1RQV
136	JA7LGE	VE3CRG	K6SIK	OZ1IKY	K2ZD
E72U	K1TO	W4AXL	K7LFY	R9SG	K4JKB
ER0FEO	K1ZN	W4RBO	K8BCK	S53X	K4XU
HB9IQB	K3OX	W4WM	K9GL	S55DX	N8NA
IK8CNT	KX4TT	W5SL	KO8SCA	SM3GQP	OE3SGU
JH4HMG	N9MR*	W6DR	NA4EA	SV3DCX	OK3CQD
K0TV	N9RS	W7AH	NO9E	US8UW	PA5TT
K4ZO	OE1TKW	W7CD	OZ2ABI	VQ9LA	VE3CX
K7TM	PY5HOT	W9FR	R3VA	W2WC	VE7BV
KR6C	RG6G	WB3D	R5QA	W4IS	W8LMG
NA5DX	RX4HW	XE2S	R9AB	W6RKC	W8MK
OK1DW	SM0BYD		RU1AO	ZS6UT	W8REW
SM5OJH	SP6JIU	131	S51NM		W9ILY
SP2BMX	UA0ACG	DK7YY	TA1CM	127	WB0O
UT3UZ	W4JKC	G3UHU	VE3DO	CT3KN	WB2REM
UW8SM	YU1AM	HS1NGR	W2MPK	HK1MW	WD4LBR
W2OIB		IV3KFB	W9ZT	JA1DDH	YU1EXY
WB7QXU	133	JA0AOO		JA1WLO	
	9K2NO	JA2TBS	129	JA8RJE	125
135	EU1U	JH4ADK	HB9AZZ	JA9KRO	9A1AD
5B4MF	IK5DNF	JJ1TEA	JA1NWD	JH3AIU	AG1A
DJ9ZB	IZ8DFO	JM1FHL	JA8JO	JS2LHI	GW3TMP
F6FXU	JA7GLB	K1UU	K4TT	K0RW	HK4SAN
IK8GYS	JA9AGN	K5VIP	K6XM	K3TRM	JA4IYL
IU0HDC	JR6FC	K9DR	K8DV	KM3T	JA6VU
JA2KVD	JR7FRW	KC2LSD	LB7ZG	N1AC	JE1TSD
JA7LMZ	K2CDJ	KH2L	N0YY	N1GC	JE6UWU
JA8BNP	KS4YT	KM3V	N2BJ	N9RD	JF2WXS
JA8JL	KU2A	KM4H	N3KS	OE8HIK	JH1AGU
K1ZE	OE1KM	N3MK	N3RR	PA3EWP	K1HAP

K5KG	K7UT	KD8RQE	UR5IKN	J18DGO	OZ5HP
KA6BIM	K9CS	KG9Z	US0YA	JN7DOS	SM7BIC
KI4WCQ	KV4T	N0OK	W0RX	K3WGR	SP8HKT
LZ1XL	N2ED	N1JP	W2YR	K4CNW	UA6J
N2KA	N4DWK	N3ND	W3OA	K5XM	UB3A
N3EN	N6MZ	N4TL	W4PRO	K7PI	UR9IDX
N4JT	N9JV	N6HC	W6RFL	K8LN	US1CT
ND5S	N9LQ	SV1AHX	W7RN	K8WVA	W4ZRZ
NW6S	NA2P	SV1FKZ	WP3R	K9GWH	W6SL
OE1AZS	NA9RB	UQ1GWW	ZL4AS	KD2T	W8ZR
RA0BA	S50B	UT4EO		KD6UO	WA2USA
UU7JM	UA3DK	UU2JQ	119	KG8CW	
VE3UTT	UR9QQ	VA3AYA	AA3AZ	KV4AA	116
W5DAW	UT3QU	W0QQ	AA4DD	LZ2HM	AJ4F
W9CG*	W1AO	W2GG	AE3T	N2MM	DL7URH
WV4TN	W4NF	W3RJW	AJ4A	N4DJ	EA5BRE
YO2RR	W8NJR	W6XI	DK3GG	N6MB	HA7PF
	XE1H	W9XX	DL9OBY	PY2PA	IK0EIE
124		W9YE	EW4M	RN3TT	IK2OHG
AA7XT	122	WA1PMA	G4DJJ	SV9COL	IT9TQH
AB1OC	BA4RF	WT4Q	HB9AAQ	TA2RC	IV3HYD
J11DHY	G3NDC	WY1G	HB9BCI	W1KSZ	JA1WTI
KD4POJ	JA1MRM	XE1VIC	I2TZK	W4DAO	JE2EHP
NA2U	K1BZ		I4MKN	W4NJ	JH3GCN
PA0TCA	K1ESE	120	IU0LFQ	W5JMW	K1DC
UA0BA	K1YT	9A5F	JA3AZD	W9FI	K1RI
VA7CRZ	K2MP	AA5JF	JA4XGC	WX3P	K9FN
VE1DUN	K7ZA	AL7TC	JE2JMV	YO4AUL	KT1V
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WB8K	NN7X	IZ5NFD	K8KWT	BH4IGO	RV3ID
	OZ3Y	JA4EPE	K9SG	DL1DWT	TZ4AM
123	RD4A	JR3UIC	N0KV	G3PLP	UA4PCM
AC4TO	SP9WZS	JR6LLN	N9UA	IT9DAA	W1ENE
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G5LP	W2TB	K5JC	OK1DT	JA7GYP	W8LRO
HB0WR	WA3I	K6FW	R6FFB	JA7IC	WQ5L
IK2CHZ	WA7BNG	KA8ZPE	SV1ACK	JM3GXU	
JA0CRG		N4BAF	VE3YF	JR2UBS	115
JA1SJV	121	N4LR	W4HZ	K2BB	C6AGU
JA3MHA	AA6RR	N4TB	W8FIB	K3NF	CU2CE
JA6WJL	AA8CH	N4UFP	WC2K	K6PJ	DL9GOA
J14WAO	DF1DB	N8PW	XE1RCS	K8OOK	G4XEE
JK1EXO	DK1EI	OE3EVA		K8QM	G8BCG
JR1EBE	DK6CQ	OZ2A	118	N2JJ	G8DX
K2PK	EI2GLB	PZ5RA	5T5PA	N4IR	HA5UK
K3XO	HB9DHG	RL3BZ	AB2E	N8AA	HK3PJ
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K5GH	JA2HYD	SV1IW	JA4FHE	NY4G	IZ7JVR

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JA3NHL	N4IQ	W9VNE	W8HMK	YL3DQ	DF1KG
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JH1RFM	UA3FT	WB2HJV	WA8OLN		EU4T
K0GD	W0VX	WB2UFF	WT9U	110	F8EZE
K0SD	W3MR	WS4C	ZP6CW	BA4MY	G3SVD
K4CMS	W4TUN	XE1RBV		DL1VDL	HI8R
K4GHS	WA1FCN	ZL1BYZ	111	EA5BYP	IW0HQE
K4GK	WA4CEM		9K2OD	F5BAR	JA2CXF
K8YTO	WA8MCD	112	AA4U	G3LNS	K2ONP
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LY4T	WN9O	DJ1RL	CU3AN	HC1BI	K5FZ
N0IRM	XE3ARV	DK5RL	DG7RO	I2BBJ	K5KA
N4OA		DL5CL	DK2WH	IK5RUN	K5KPE
N5BO	113	EA1JO	DK6ED	IK8UHA	K6MW
N8KOL	9A1A	EI8IU	DL1HRN	IZ0CKJ	KE1F
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PA3AXU	DJ9RR	G3XGC	F6ECI	JA7EPO	N2WLG
RZ6MJ	DL8CM	HB9CEX	G4DBN	JE2UFF	N7TY
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UA1CGS	G4AFJ	HB9G	JA1AUD	K2BLA	ND4V
UA6XT	HB9EFK	IK2ANI	JA1FGB	K3JRR	NN4RR
UN6T	JA0GCI	IU8FRE	JA1NCZ	K3PH	NU4I
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W5VY	JH1ORA	JA1SXR	JF2WGN	K6MI	PY5CC
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CU3AK	N7KO	K4UAS	LA0CX	N4KE	W5WP
DL6NB	N9ISN	K8CC	N4WJ	NC6K	WB5TUF
F6CWA	NA3F	KB2FCV	N7BD	NK7C	WN0L
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HP3TA	NI5F	KM1C	NA1DX	RD9M	
I5OYY	NK5B	LA8HGA	UR6QA	SM5BHW	108
IK7YZG	NZ3M	N5ZC	VE6KC	SV1VS	AI2Q
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JA4KDT	R7NA	RU4SU	VE7UF	US7MM	DL6CNG
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JH6WMJ	RZ3AUL	UA1ACG	W1FO	W3XY	G3VAO
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K3OSX	UN7TW	W2CVW	W8KA	WL7E	IZ2EWR
K5CD	VE3KI	W2SKI	W8MIL	XE1FAS	JA2MOG
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N1QY	W9DX	W6TC	WB4TDH		K1XM

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K8OM	K3SW	JE6IGP	DJ6KH	W1LY	N8MZ
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LU2DKT	K4SAF	JH2KKW	DO1CTL	W6FF	NJ9C
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N9SF	KE2R	K0DEW	JA1BWA	104	RA1QX
N9TF	KZ1W	K1PX	JA1TAA	9M2AX	RU3UR
NU4Y	N2RR	K4DSE	JA4EVN	AD1C	RZ6DX
PA0ZH	N3DAP	K5AM	JA6VA	AG4Q	RZ6LB
R5FY	N4RF	K5ZQ	JA7BME	AH0U	SM5CCE
R7LA	N6EE	K8JJC	JA8RRF	CP8HD	SM7CQY
RX6DX	N8AGU	KD9HL	JA9APM	CX3CE	SO5AS
S57J	NA5Q	KK8X	JF1RYU	DK3BK	UA9FGJ
SM6AOU	OE1CP	KK9H	JF2VAX	DL4FAP	US5CAO
UX7UN	OK2BUZ	KQ3F	JO4CFV	DL7UPN	UT4EK
UZ6LWZ	OK3CQR	N0JZ	K1DJ	E73D	UT7EC
W2UB	R0FA	N2CW	K2XF	EA8ZS	UX4UM
W3NRJ	RN4AA	N2SQW	K5AV	EI9E	UY0MM
W4ZYT	RV6ARZ	N3XM	K6DJ	F6AJA	VE3VHB
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WB8BZK	VE3OI	NS3L	KI5T	HK3O	W3TMZ
WC1M	VK3NX	OE5CSP	KT2E	IK0DWN	W5CWQ
WC6DX	W3KB	OH2OT	KX2A	JA1SDV	W5GJ
WD9EQU	W4MAY	OK1AYU	LZ1JZ	JA2FGL	W5ZO
WW1WW	W6TDX	OK2BVG	N2DPF	JF1EGO	W6PH
ZS2DL	W8IW	S57AL	N4JI	JF6WTY	W7DR
	W8VK	UR3CRO	N4NW	JK1BSM	WA0I
107	W9CPV	UT7UU	N4PL	JO1WXO	WA9ETW
4Z5LA	WA0RVK	UU5WW	N4SC	K0WK	YC0LOW
DJ8ES	WB6CJT	V73AZ	N4VN	K1BG	YO5ODE
DK3FB	WB8ART	VQ9SS	N6NU	K3FM	
DL1QQ	WS1L	W1CWU	N7DR	K4KEW	103
DL2CHN	XE2YWH	W2EQ	ND3L	K4MF	AG1I
DL5XU	YL1XZ	W2LE	ON7PQ	K4VIG	AI3Q
DO4DXA	ZL3RJ	W2NO	OZ4AAL	K5HK	DJ1MM
EA5AT		W3ICM	PF7M	K6UM	DJ3GZ
EA7QW	106	W4IR	PJ2/K8ND	K7TJR	DJ7PI
FG8OJ	AA4FL	W5JAY	PY2DS	K9EA	DL2HX
G4AKY	AE2U	W5KI	R6YY	KA2BZS	DL8YRM
G4RGK	DJ6OZ	W8OP	RA6AF	KH6KG/W5	DM5TI
I5IHE	DL2NOM	WA4MYO	RD4WM	KI0KB	DS3HWS
IT9XTP	DL3JSW	WA6TLA	SP5JXK	KW0A	EA7SG
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G3OIL	W1CTN	PV8ABC	IV3GOW	RA4SD	EA3ALD
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G4PUQ	W4MZ	R2AB	JA1VVX	RK9F	EC5A
G4VGO	W5THT	R3IS	JA2VMU	RY6M	EI3ISB
I0OSI	W5VU	RU3UN	JA6TMU	SM2DMU	ES5NC
JA1JAT	W6SZN	S59DJK	JA7SFD	SM7NDX	FM5GU
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JA2OLJ		SP5MXZ	JH3HGH	SV1PL	G4CGG
JA3FHL	102	T77V	JH3PRR	UA0FDX	GM3ZSP
JA8EJO	A6/RV6LNA	UA1AIR	JH7BKN	UG6GAW	I2VGW
JE1SYN	CT4BD	UA1CKC	JI3KDH	UR7CQ	IK0HFO
JH1DGQ	DK3QM	UA6HOF	K0LW	UT1CC	IK4MSV
JM2RUV	DL3DXX	UA9MR	K1YR	UT4IS	IS0/YO3RA
K0EOO	DL3NCR	UA9UCO	K2BX	UT7HA	IT9CVO
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LX1DA	I8LWL	WA0IDK	KC4PX	W7CB	K1NA
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US2WU	KY6R	DL3ANK	OH3TY	AC4VM	KC5LT
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VA2ZO	LA6UL	DM3ML	OK2BOB	DJ6OI	KP4N
VA3IC	N5RZ	EA1WX	OK3EY	DK8MM	KQ5M
VE3EDY	OH2EA	EU1TT	OK4MM	DL1TPY	LA8W
VE3MFA	OK1DTN	G3ZFC	ON4LG	DL1TRK	LU5OM
VE3VV	OK1JDX	G4FJK	PA4WM	DL9GTB	LU5YF

MM0SJH	VE1RGB
N0AH	VE3OAT
N0ATQ	VE7JKZ
N1KI	VP2VA
N1MD	VR2PX
N2SG	W0GYH
N2XQM	W0MU
N3AF	W1AN
N4CRI	W1YRC
N4ZR	W2CCC
N7DED	W3BBO
N7TK	W4HHN
N8IL	W4OEP
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N8OQ	W5BK
N9ADG	W6WA
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NB3R	W7JET
NG7A	W8CNL
NJ3I	W8FN
NN4SS	W8GDQ
OE5JDL	WB4SON
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OK2PAZ	YB1TJ
ON4ANN	YL2SM
ON7EH	YO9FLD
ON7GB	ZP9MCE
ON9CC	
OZ1ZD	
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PA7RA	
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RA3SD	
RA4LW	
RA6XB	
RC2A	
RN1A	
RT5A	
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S59SV	
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SV1VJ	
SV2DSJ	
TI5CDA	
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UA6CEY	
UN6P	
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