

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 17 Jan 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.

344 W8LRL	UA4CC	316 4X4DK W2VO	310 I4AVG KJ9I SM5BFJ SM6CVX	NN4T	UX1UA W7UT
341 EA8AK	325 K9UWA UA2FF	315 IK4WMA OH3SR S50U W1JR	309 UT5UGR W5IZ	303 F5LGE JA1BK JA4LKB K1UO SM3GSK YU1FW	298 9A2AJ IK2DFZ OZ3PZ SM5CEU
340 K1ZM	324 K2TQC OH2BO W1NG	314 IK4GME K5RK N1DG NX4D OK3GU OZ1LO PE5T RW2A UA4CR	308 I4EWH IK4MGP IV3PRK K4SV K8GG	302 DL4MCF GM0GAV GM3YTS	297 DK5PR N4CC OE6IMD OM2XW RA3DX W0FLS
339 W4DR W4ZV	323 EY8MM S50A SP5EWY	313 GM3POI OE3GCU OZ7YY	307 DJ7MI OH5VT UT3UA VE3EJ	301 DL9KR F6BKI LZ2JE N1RJ N3XX S54E	296 DF2UU F5NTV G4PWA OE1WEU ON5NT W1JZ
334 N4WW OH2BU	322 K4PI UX0UN W3UR	312 OH1MA	306 EA6SX K4CIA N4RJ SM0AJU WT3Q	300 G0JHC G3KMA I2ZFD PA3FQA RC3FL SM3EVR SP3EPK SV8JE VA3EF	295 JA2JPA K3UA
333 R7LV	321 WB9Z	311 DF3CB DJ6RX DJ9KG G3PQA OG2M RA7A RZ3AM SP2FAX	305 JA7NI K4ZW N4IS UA6A	299 JA4DND K4TEA N1BUG SV1FJA	294 JA4LXY JH2FXK LA5HE RJ3AA SV8CS WD5COV
332 UR0MC	320 SM4HCM W8UVZ	318 W9ZR	304 CT1EEB DJ0MDR		
331 K5UR	319 K8MFO N0XA SM4CAN				
330 AA1K HA0DU LZ2DF OH1XX UT7QF					
329 K3UL UA4HBW					
328 R4GM	317 W3LPL				293 DL1AMQ

S58T	VA3DX W4PK	NJ6P SM4DHF SP6HEQ YO3APJ	SP6AEG W6UB	NR1R R3LA W8TE W8XD	F6GCP I1FQH N3NT R9FM
292 G4BWP JH4UYB JR2KDN OZ1BTE SM5AQD SV1AOZ W3YX W8TOP	286 DJ2YA IK1GPG K3SX N3SL PA0WRS UT7UW W8AV	279 IK4DRY JR7VHZ N2TK N5DG SM6CNN UA6MF	273 IK8HJC JA8ISU K2CL K5BG KF2O MD0CCE RA3DA SM6CCO UA3DPM UX1AA	265 AA1V AA4V AA7A G4OBK RW0LT SV8BHN YO5BRZ	258 G3ZSS KW9A N5KD RN3CT VE3QAA
291 9A7V DF3GY KD9SV N0TB R7NW SM3NRY SM6CMU SP3E UA3LAR UT7UJ W5ZN	285 CT1APE G4CCZ HB9BGV	278 DK0EE F6BEE IK6DLK JA3FYC K5DU KG4W UR5WA	272 9A2EU CT1EKY DL1DUL DL2OE SP6CIK	264 AA6YQ IK2YCW K7ZV SP9JZU W1GL	257 IK5HHA K1GUN W9YSX
290 IZ0AEG SP3IBS UA3AKO	284 K5XI UA3AB	277 AA4MM DJ9VA F6AOJ IK5BAF ON7TK SP9DWT	271 EU7A G4GED HB9AMO OZ1CTK	263 IZ1ANU K9OW LA5IIA W2SM W3AP	256 9A5CY JA5BZL JH1GZE K1QX K5VRX K8FL N8TR PA7MM W1TSP
289 I5NPH JA3ONB K0KX K4WM N8DX RX4HZ US4EX	282 DL1YD I0WDX JH4IFF K4SO K8KS N2LT N7NR SM6CTQ SP3DV US5WE UY5ZZ W0BV W2YC	276 DK5WL DL7VEE G3LZQ N8RR N9IW OK1AWZ RU3FM	270 OE5KE SM5KNV	262 G0DQS K4XP KR9U W1YY	255 K4QL KY7M N2MF R5AJ UX0FF W3DF W5OZI
288 PA3GCV RA3CQ RY9C SL0ZG SP7VC UA4LY W0JX WK3N	281 DF2PY JA2PJC JA5EXW K1CP K9CT S59Z W4TO	275 9A1CCY F5NBU IK4CIE K2UO K4IQJ OH3BU SP5CJQ UW2ZM VE2TZT	269 JA5AUC K6ND KD5M RV3LO W1ZC	261 9A4T DL9YX EI7BA K2EK K5KC N6SS NO8D SP1S SP5DIR	254 N0AT OM3DX WA4FFW
287 DL1RWN G3XTT N2QT	280 EA6NB HB9BIN	274 G3TXF K1ZZ	268 DL5DSM G3WPH RA3XDX RK4FD W1MK	260 EA5BM K1LT K4DY KX4R	253 5B4AGN AA1QD K5ESW S58Q UA1OMS W0YG W3KX
			267 LU8DPM RZ3DX	259 DF4PL	252 EA1DR

IV3YYK	F2JD	240	K3SWZ	N8JV	K1MM
JF2MBF	K0IEA	JA0CRI	KA9CFD	SM3NXS	K5AB
JG3QZN	N6TR	K0JUH	N6DX	W4GF	K9FD/KH6*
JQ3DUE	TF4M	K1FZ	OK1CF	W4VQ	N4CH
ON4AOI	W2TQC	K1ZG	R7DX		RA3QK
PA4VHF	W5XZ	K9OT	VE3XN	229	RV1CC
R5DT		LA2XPA	W3LL	CT1FJK	RW3XZ
S52F	245	UR5MID	WA7NS	DJ4AX	SP3CGK
W3UM	AB3CV	VO1NA		JA8FKO	SP8NR
	DL4CF		234	J11BEX	US0SY
251	JA1GV	239	AC4G	OE5NNN	VA5DX
DJ7RD	N9US	F6BLP	AJ6T	RO7T	W7KW
DL9RT	RL9F	G8VR	IZ8FFA		
I1EIS	RY7G	JA5MHD	K1AR	228	224
JA2VPO	W9XY	JR3GWZ	K4UTE	AF9H	DL5WW
JH0BBE		K0KT	KF0QR	AI0O	I3BUI
N4II	244	K1HTV	PY1BVY	EA1N	IZ1LBG
VK4MA	AG9S	KH6AT		K4HB	N8BM
W5UN	DK6WL	LY3UM	233	N2WK	SP5INQ
W7LR	IK0XBX	RN3QN	AB4I	OH2BEN	VK6VZ
	JA1HGY	RU3QR	EA6VQ	SV8CKM	W0VTT
250	JA7QVI	SV1ELF	JA0FSB	VE3DZ	W2RQ
HB9RG	ON4IQ	SV1RK	K0CS		
NQ1K			K2UU	227	223
OZ8BZ	243	238	KA7T	DL7HU	AB0X
PY2RO	DK2JX	DL8WN	SK3PY	E72A	HA7TM
	DK3DG	IK0XEZ	UA4HAU	ES1RA	JH2TPI
249	JF8QNF	JA0DAI	VA2WA	IK0HBN	RT6T
AI9L	NN4X	K1DG	W7AO	IK6FWJ	SV2JAO
IV3ODE	ON4ATW	VO1HP		JA1UQP	ZS4TX
JR3IIR	S57A		232	JA9CHI	
K9NW	W9RPM	237	JA8EAT	K1FK	222
SP5DRH	WX4G	DL7MAE	K2AZ	K3NW	DF6PB
		IK0MHR	K4XL	KD0Q	IV3JVJ
248	242	NI0G	NI6T	W1TC	K3SV
K3WW	KG7H	OM4EX	NV9L	WB6RSE	K6EID
K5RX		RA0FF	S51DI		N5AW
K9RX	241	UR5EDX	UA3AP	226	N8PR
N2NL	EA4KD			JA2NDQ	N9BX
SM3VAC	JA1SYY	236	231	JA6BZI	SM0CCM
SV8GFW	JA3EMU	EA6ET	4X4NJ	JF2KOZ	W9BF
T77C	K2FF	K1JO	HA9RE	JR6EZE	
UT9FJ	K5ZK	K9NR	IK0YUT	K9FD*	221
W9NGA	N4XM	K9ZO	JH1HGC	N6AR	DJ8NK
	N5TY	KC7V	K5EK	N6JV	K4MWB
247	N7RT	OK2ZI	N7NG	ON4GG	K8FH
K6XT	OE2LCM	OZ4O	ON4ACG	UT5JAJ	K8SIX
NO2R	OK1DWJ	SP8AJK	W9IXX	VE6WZ	MM0EAX
R7IA	SP5GRM	YO9HP			N6VR
WB3AVN	UA3TT		230	225	SP7GAQ
	VE1YX	235	DJ5FI	A45XR	W1ZK
246	VE3NH	CX6VM	FK8CP	IW1ARB	W6JRY
DJ2TI		JH4ADV	JA1CMD	JH7PFD	WA7NB

WS6X	W6XA	211	206	DL9DRA	W1TO
220	YO7LCB	F6DAY	DM5EE	EA1RT	198
AG8B	YU3AA	IK4DRR	IK0IOL	JA3CSZ	DL1ROJ
HB9LCW	YV1DIG	JA4DEN	JA3PIS	JA5AQC	G3UJE
HL5IVL	215	K3WA	K2VV	JH3VNC	G4BUE
JJ3PRT	AD5A	LA7GIA	K5AQ	K2NV	IT9JNR
JR4OZR	JA9PPC	NX0I	K5RT	LY1G	KV7K
K8ZTT	N7JW	RU3SD	KG9N	N7KA	W8HB
KA1R	RA1QD	UR5FEO	N8DJX	OK1DOT	
N1LN	W0UO	W1ECT	N9AU	R9TO	197
N5JR	W2LK	WA5VGI	SM6BZV	RA3S	G3SNN
VE3EXY	W6YI	210	US0KW	SM2OAN	HB9DDO
		I8SAT	VE3BW	UA9FAR	I5KKW
219	214	JH0INP	205	W7DO	JH2UVL
IK3VUU	DL7BA	JJ2LPV	I4KDJ	WA2HZO	K8NVR
JA2FJP	HL3IUA	LA4GHA	JA3AAW	ZL3IX	LA5YJ
JG1ULJ	JA2JW	UW7LL	JA9FPI	201	OE4PWW
LB8DC	JA2WYN	W7JW	K1DT	AA5AM	OE5FIN
N0AV	K3JGJ	209	PY2XB	CU2DX	ON4CD
OE8RT	K4NA	DL5CF	W8UN	DL1EJA	RZ6FA
RA3WDK	OK1DX	DL9MRF	WB8ZRL	F4BKV	UA0SC
SP4K	RN7G	EU1KY	204	JA9NFO	UT5EL
UT7UV	W4NL	HB9CXZ	DJ5AV	Ji2KXK	
WA2UUK	213	HB9DDZ	IK7NXM	JO7WXN	196
	DF2IS	JA0UUA	K4JJW	K3HP	4Z4DX
218	EI3IO	N9LB	KK4SI	K3LR	AA4HP
DJ4PI	HA1RW	VE1DX	LX2A	K5MC	AG4W
DK0PM	JA2IVK	VE3LYC	N4NX	N4QS	DK2LO
DK2NG	JF6DSZ	W0ZR	N7FU	N5ZM	F6EXV
IK1YDB	K1ST	W7KNT	UA0SR	W5TCX	IK4PLW
JA2FBY	NA2M	208	US6EX	200	JA4PXC
JA8CDT	RU4SO	G3NSM	W2HUV	JA1GTF	K8PO
JF3KON	W0LYI	JA7MSQ	WD8PKF	JH2RMU	KA9FOX
K0EU	W1FJ	JF4VZT	WF4U	K1GE	KP2A
K5UO	W2WG	K2FU	W18A	K9US	ND0N
UT4MF	W3YY	N5ORT	203	LA7HJA	RA9CMO
W5PJR	212	RU3ZX	IZ8VYU	RW4NN	RZ4FO
217	AA9A	UN5J	JA2XYO	RW7M	W0FS
K5PC	DL9GFB	UY1HY	JE1PNX	UY0ZG	W2FCR
ON6YH	K4MQG	W6PJ	K4XO	W0DD	195
UA3AGW	K8ZH	W9EWZ	K8AC	W0MHK	EA3JL
216	KE9I	207	K9MMS	W2IRT	EA5RM
JA6LCJ	KG6I	I4LCK	KK2I	W3GG	G3ZEM
JH1IFS	LA7JO	K1LPS	PA0A	199	JA1EOD
K5EJ	N1ZZ	K3JT	R6AF	JA2DPC	JH1QAX
N4PQX	N4MM	K8EUR	W8GC	JA2JNA	JN7FAH
N5UL	SM5CZQ	PY2BW	202	K1GG	K7SO
OE1ZL	WB9CIF	W0LS	DL1MGB	K6GXO	K9RT
RZ0AF	WS9V		DL2KQ	N4DW	KF8UN
W0GJ				OZ1AXG	N1SV
					NK1K

W5ZG W9OP	RX3APM WA2VYA	186 9A8A IK2QPR IZ8FWN JA8DNV K0BJ K3PA K6SRZ K7LAY NE1B WA3C	182 DJ9ON DK3UA JA1SHE UR3EO W1YM	SV1JG W6NWS	JA7MOL JF7DZA JK1OPL JR6PGB K0TT K2KA K3AJ K4TR K4WS OE1WHC OK1DWC RN7F UA3LNM W8UV W8VVG WT8C
194 K4KDX K9JF KB9LIE KC9ARR W1NT W2LO W4FC W4UM W9OO WD8JJA	190 CT1IUA IZ8XQC JA1DUH JA1MCU K2TE K9KU KF7PG KM1D LA7AFA N4XU N5GH SP2LNV VE7VV XE2X	185 AB6QM EA6BF G3KWK IK3SWB K0BBC K5ZD N4TJ N5UR OE2BZL SV1DPI UA9CBO	181 DK3WW N3OC VE3OSZ YO2DFA	177 9H1SP AE5E CT1EAV CT1GFK EA8JF HA5WA IK4ADE JE1BMJ K3WC K9NU SM6DHU W2OR W5LT W7FI	K3AJ K4TR K4WS OE1WHC OK1DWC RN7F UA3LNM W8UV W8VVG WT8C
193 DL5ZB DL6ZXG EA3WD HA5BSW JA1XEC K4ODL K9YY KB8VAO N9EN PA0LOU RN1ON UA0CA W9MU	189 9A2F EA8PP FM5CD JA3RAR K0JGH SM7GIB SP7HOV UA7T WE9R	184 AA1ON I2AOX JA2ZL JF1NZW JF1PUW JH1RFR K4HGX K5KLA KB4ET KL0S OH2IS S57AC US8UA	180 DM2DXA DM3VL K2EP K4CN K6SSS K7BG LA9AJA N1RR N4AH ON5FP UT2UB W1RM W3YQ W8TN	176 EU1AB I6FLD JA0DET JA5IU JA6BJV JA8KSF JL1SAM K8MN N5OK RL3FA W4BP W4GD YO7NE	173 5B4ALJ I1JQJ JA1PPW JA3ENN JA9TWN K1NTR K4XR KA1J N5FG PY5EW W8HC
192 9A2NA DK1FW IK0FVC JA0EOK JA7JWF K3FN K4FJ K5XX K7GM K9EU N4DB N5LZ W3UA W8LGJ WN6W	188 AB4IQ JA1KQX KB0EO KB1EFS N8LJ RM0F W6SR W8JV WA6YEE	183 CT1FMX CT3MD IT9INO K8VC KE9ET LA3WAA NN2L ON6SAS W2FP W8NW	179 IT9ELD IW0SAF JA2BDR K8WK OK1MG S57UN SM4DDE SV3FUP W2YJ W7BEM W8KEN YL2TW	175 JA1CHN JS3CTQ K4DLI K5GKC LA0FA N7IR N7XR SM5FUG SP1MGM VE3FF W7MEM WX0V	172 G0BLB G3NKC IZ5MOQ JA3FGJ JA9NLE JG3IWL K0DEQ K1BD K6FG KJ0M W4FQT
191 G0OIL JA1ANR K8FC K9LA RK2FWA	187 AJ1H DF2GH JA0VSH K0SR KN5O N2NS OK1CZ SM0NJO W7AWA		178 EA3CJ HK3W JA2LCP JA4MRL JE2URF K2UR K8RRT NE0U SM7DLK	174 4Z5CX 4Z5MU JA0GJJ JA2XW	171 AA9D DL6KR G0EHO HA9PP JA6HUG JR1TNE K1NU K9YC LA5LJA

N0RN	W8OI	SP6EQZ	K7NN	K5TT	K2LS
N4OGW	WA5YNB	W0DJC	K8ND	OZ1HX	K4WA
N7RO		W5BN	LB2TB	RU6M	N3RC
N9RC	167	WC5N	N4GN	SM4EMO	NE0DX
RA3DNC	DK5AD		OH6RA	W0SZ	NW7E
SV1LK	JE3ENP	164	VK3HJ	W1OX	SM6VR
WB7B	JG0CQK	GU4YOX	YU2TW	W2XL	ZS6EZ
ZS1LS	K4XD	HA7UW		W3GQ	
	K6KO	HB9BZA	160	W4QN	154
170	K8NK	JA1RTX	AD5Q		3V8SF
CT1FPQ	N0IJ	JA7ZP	DL1DA	157	GM3PPE
DJ6TK	N3BNA	JH2SON	EC3A	AA4H	HB9TKS
JA6JPS	PA3C	K1NJ	EI6FR	AC6DD	JA8NFV
JF1WPB	RA1AOB	N5WA	HB9DHK	DK1WB	K0KVR
JM1GYQ	RN9N	N9FN	HB9FMN	G3TQZ	K4RG
JR7BDQ	S51EC	RA3ZH	IW2FND	G4GIR	W1NA
K6ZZ	SP3FAR	SV2AEL	IZ4DPV	JA1GHH	W2XI
N4PY	UN9L	W4NS	JA2EPW	JH7IAJ	W5DNT
SP3GTS	VE6WQ	W7YAQ	JE2LUN	K9GA	WB0TEV
SV3KH	W1YW	WP4U	JE2OVG	LY5A	WS7L
W9AJ	W3IP		JF2XGF	N5MOA	YS1RR
W9EVI	WA0MHJ	163	JR7MAZ	NE9Z	
WA3AFS	WA4LOX	9A2JK	K3MSB	RN3OG	153
WC4X		DJ9HX	NR4M	RU4UR	AJ9C
	166	K8TL	RU6L	SM3PHM	DL3ZA
169	4Z1UF	UR4CWQ	UA0FZ	SV8ZS	EA5BY
IK0PEA	DJ4SO	VE3CFK	UX5UO	W2TA	G3TJW
JA1ADT	IV3TDM	W7AL	W1BR	W5GZ	HL2CFY
JR1IZM	JA1FNA	WW3S	W5XC	YV2IF	JE3GRQ
K1LI	JA9LJS		WX0B		JF1IRW
N4XX	K3KY	162		156	JR9OPJ
N7US	K4JLD	4O3A	159	DL4MM	K7SP
PE1L	K4PB	9A4W	JA4FKX	F6HDH	K8VFX
UT8MM	K4ZYU	F3AT	JE2LPC	IK0AGU	N4TV
UY5AA	K9MBQ	JA6GIJ	JH6QFJ	IK0FUX	N5TW
WB3JFS	OH2BLD	K1KI	JH7CFX	IZ8IEV	N8II
	RM3DA	LB6KC	K1KA	JH2QMT	R9OK
168	W1RR	N8MR	K4RO	JO7HAM	SM6CLU
G3MXJ	W8ILC	RW3RN	W3HKK	K0QC	SP5CCC
IK2EGL	WA8TXT	W0HT	W6BJH	K8YSE	UT5UY
JE7JDL		W0TT	W7SX	KS1J	WB8BPU
JF2UPM	165	W1LW	W9RN	N3UA	WE1P
K5QY	DL7UCX	W3JX	WA9PIE	N4HB	
K8RYU	I2ZGC	W4DKS	WD5BJT	UA3SAQ	152
KR4F	JA6VQA	W8WEJ		VA3LX	EW2A
N4QQ	JE7RJS		158	W1YIF	HB0CC
N8BJQ	JN4MMO	161	DJ4PT	W4TV	HB9BUN
PA7F	K5JZ	DK2GZ	DL1FKA		JT1CO
SP5GH	KI5BLU	DL6RAI	JA9APS	155	KS3F
TF3SG	KK4CB	JA1DOF	JH1TWT	AB9V	N9OY
W4SVO	NY0V	JH4CPC	JI1FXS	DL1RK	S55ZZ
W6RW	RC9F	K1USA	JI1NJC	DL6MRS	UA6IGI
W6VX	SM4CTT	K5GO	JR1GJP	JE2DZC	UT5AB

VE6LB	JL1ARF	K1CA	143	K2RW	SV8ZC
W1SKU	JR5JAK	K5KV	DL1DUO	N8OC	W0SD
W1VT	K3RA	K5SM	DL6EN	NJ3K	WA8WV
W6RLL	K3TN	K5VWW	HB9HFN	OE6VIE	138
W7AJ	K4YYL	K6NR	HS0ZEE	SV3FUO	DK8MCT
WB3CQM	K8ME	K7WP	I0JBL	W3BW	DK8YY
	NX8Y	N7BT	K7CMZ	W4JVN	EI9FBB
151	SM6CUK	RU0SN	K7CW	W4VIC	EU4A
AA7G	UW7UA	W1IZL	K8ROX	W4WT	F6DDR
DK2OY	W0GG	W1ZT	KJ9C	W8HW	IK8EPC
EI9JF	W7HPW		LZ2ZG	ZS1C	JA3OOK
F3SG	WB8B	145	N2RJ		JF3LOP
JA6BEE	WD5K	AF4HX	N2WM	140	JH7RXU
K2FW	WS5W	JJ3HGJ	N5UW	9A1CAL	JK1AJX
N1EN	WW2DX	JN1BMX	N6PAT	DF2RG	K1RO
N5JB	YO3DDZ	K1OA	R8TX	JA9RRH	K2RET
OK1ATP		K3VAT	W0IZ	K5WK	KJ6P
RD3A	148	K4OY	W6QUV	K6KLY	KK1W
RU3A	DK2CC	K8BL	W8RLS	KF8DX	NA5C
S54A	EA7TV	KF6HI	WB8ZRV	N4XP	OZ8X
SP7AWG	F5CQ	LA6OP	WD9DZV	N6PSE	RW4CY
SV9AHZ	F5LVL	N1CGP		N7WS	V51B
W7RH	HB9SLO	N4GG	142	OH6NIO	W1GD
WA1Z	JH1QDB	RT0F	I5HOR	OK2ZV	W2YE
WP4G	KR2Q	SM3DTR	IT9BLB	ON7DR	W4YV
	N2WB		JE1FQV	UN1L	W7OM
150	NE3F	144	JR7WFC	VE6SV	
DL4SZB	W5FKX	CU3EQ	K3PP	W0SEI	137
EA1AF	W9JJB	DL5CW	K4WZ	W4NU	EA1YO
IT9DSZ		DL5KUA	KQ4AV	W7IV	GM3YOR
IV3RAV	147	E70T	LA9VFA	W8LWU	IZ2FOS
JA2NQG	EA3GP	EI6IZ	MM0SAJ	WO2T	JA3APU
JA2VQF	IV3VBM	GM3ITN	N5XZ	YL2MU	JE6TSP
JH1NYM	JA1SVP	HB9BYQ	N7QT	YO9FNP	JH4JNG
K0RS	JA1XQC	HI3T	NA4D		JR1XIS
K7LV	JH4ALY	I5MXX	NQ7R	139	K2QMF
K8AJS	K2AX	IT9GSF	NY2NY	CU2AP	K8NS
KU4XO	K7HP	IZ4GWE	OK1DO	DF7EE	N2PK
N3QE	K8UT	JA3GN	W2OO	DJ4XA	ON6AA
N9CO	K9MK	JR3OEH	W5ADD	DL5EBE	RA3CO
N9MB	KM1H	K0VSH	W5LUA	DL8OH	RG7G
OE8SPW	N1IBM	K5TR	W5VQ	JA1TMG	UU1JA
SV1CNS	PC3T	N1IX	WA5POK	JH0BQX	W1ITU
UA6YW	UN7LZ	N3KK	WB8CQV	K3ANS	W2CG
W6DAO	W1OP	SM4OLL		K6AM	W5ODD
W7CT	W2KKZ	SM5CLE	141	K8GI	WB5JID
WA2BCK		W2/CT1GIF	AC9S	K8RF	
	146	W4GE	DL5MHQ	KD0PO	136
149	F5PAC	W7ZI	EW1BA	KU0A	DS1JFY
AA6AA	G4FTC	WC5M	JA1PTJ	LA8WG	E72U
DL7CX	JA1HQG	WD5T	JA2ATE	OK1MP	ER0FEO
IK4FNF	JA4DHN	YO3CD	JA5XAE	OK2QA	IK8CNT
IZ3ENH	JH1GNU		JL1UXH	SM5CBM	

JA4OK	RG6G	W6DR	VE3DO	JA1DDH	125
K0TV	RX4HW	W7AH	W2MPK	JA1WLO	9A1AD
K6EME	UA0ACG	W7CD	W9ZT	JA8RJE	GW3TMP
KR6C	W1EQ	W9FR		JS2LHI	HB9RYZ
N2ZN	W4JKC	WB3D	129	K0RW	HK4SAN
OK1DW	YU1AM	XE2S	HB9AZZ	K3TRM	IK5DNF
SM5OJH			JA1NWD	KM4H	JA4IYL
SP2BMX	133	131	JA8JO	KM4NS	JA6VU
UT3UZ	9K2NO	DK7YY	J14POR	N1AC	JE1TSD
UW8SM	EU1U	G3UHU	K3NK	N1GC	JE6UWU
W2OIB	IZ8DFO	HS1NGR	K4TT	OE8HIK	JF2WXS
WB7QXU	JA7GLB	IV3KFB	K6XM	S51NM	JH3CUL
	JA7LGE	JA2TBS	KM3V	SK7AX	JH4ADK
135	JA9AGN	J11DCW	N0YY	SM0BYD	JL1RUC
5B4MF	JH1HHC	JJ1TEA	N3KS	SP6A	K1HAP
DJ9ZB	K1ZN	JM1FHL	N3RR	SP7ASZ	K5KG
F6FXU	K2CDJ	K1UU	OH1JP	W0CP	K8DV
HB9IQB	KS4YT	K5VIP	PY5EG	W0RT	KA6BIM
IK8GYS	KU2A	KH2L	W7QHE	W0YVA	KI4WCQ
IV3DXW	N9MR	N4QWZ	W8MET	W3BG	LZ1XL
IZ0RVI	OE1KM	N5PHT		W3MF	N2KA
JA7LMZ	RA5BM	N6RK	128		N3EN
JA8BNP	RV4LC	NA5DX	AA4SC	126	N4JT
JA8JL	UQ2PZ	NN4R	DM2RM	DJ8WD	N9RD
JH4HMG	VE3WT	ON4ON	IT9ZZO	F8BPN	ND5S
K1ZE	W0NFL	R0SR	IU0HDC	G4IUF	NW6S
K7FL	W2QO	R9MJ	JA2AHH	HB9FMT	OE1AZS
NZ9R		R9SA	JA2KSP	IZ7EVZ	OH1ZK
R7LP	132	W8DCH	JA9AA	JA1XCZ	RA0BA
RN3RQ	AA4NC		JE1LFX	JA7KY	UN7JID
SM3LGO	AB9M	130	K0FF	JJ1DWT	UU7JM
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SP3XR	IT9RDG	E73M	K4JAF	K2ZD	W5DAW
W1DIG	JA2KVD	EI2JD	K4SE	K4JKB	W9CG
W2GD	JA6CBG	G7VJR	K6LPO	K4XU	YO2RR
W4BUW	JR2LJO	HK0HEU	KG7CW	KC2LSD	
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W4RFZ	K6YUI	JG1DUZ	N5KM	N8NA	AA7XT
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W8GNM	K9ZM	K6SIK	S53X	OZ1IKY	J11DHY
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	ON4CAS	K8BCK	SM3GQP	SQ5EBM	KD4POJ
134	OZ2RH	K9GL	SV3DCX	VE3CX	NA2U
CT3HF	SM4BZH	N3MK	VQ9LA	VE7BV	PA0TCA
IK4DCS	SM6BGG	NA4EA	W2WC	W8MK	PA3EWP
K1TO	SP6M	NO9E	W4IS	W8REW	UA0BA
K3OX	SV5DKL	OZ2ABI	W6RKC	W9ILY	VE1DUN
K7XB	VE3CRG	R3VA	ZS1A	WB0O	W2JU
KA8SYV	W4AXL	R5QA	ZS6UT	WB2REM	W2RIJ
KX4TT	W4RBO	R9AB		WD4LBR	W3FM
N9RS	W4WM	RU1AO	127	XE1KK	W6CYX
OE1TKW	W5AJ	TA1CM	HB9CQK	YU1EXY	W8LMG
PY5HOT	W5SL	UN7JX	HK1MW		

123	OE3SGU	N4TL	118	K8OOK	DL9GOA
AB1OC	OZ3Y	N4UFP	5T5PA	K8QM	G4XEE
AC4TO	RD4A	OE3EVA	AB2E	N2BJ	G8BCG
DL7JRD	UU4JMG	OZ2A	AE3T	N3ND	G8DX
DL9FCY	VE6AX	PZ5RA	AG1A	N4IR	HA5UK
F4GTB	WA3I	RL3BZ	DL5OCE	N6MB	IZ7JVR
G4WFQ		SP7ITB	JA4FHE	N8AA	JH1RFM
G5LP	121	UR5IKN	J18DGO	N8XI	K0GD
HB0WR	AA6RR	US0YA	K3WGR	NY4G	K0SD
IK2CHZ	CT3KN	W2YR	K4CNW	SM7BIC	K4CMS
IK3XJP	DF1DB	W3OA	K8LN	SP8HKT	K4GHS
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JA3MHA	IK2SGB	W7RN	K9SG	UR9IDX	K8YTO
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JH3AIU	KG9Z		KD6UO	W4ZRZ	KV1J
JR1EBE	N1JP	119	KG8CW	W5JMW	LY4T
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K9CS	VA3AYA	G4DJJ	PY2PA	AJ4F	UA1ANA
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NA2P	WY1G	JA4XGC	W4DAO	IT9TQH	WA7BNG
S50B	XE1VIC	JE2JMV	W4NF	IV3HYD	YL2CZ
UA3DK		JH6CDI	W4NJ	JA1WTI	
UT3QU	120	JR3UIC	WT4Q	K1DC	114
W1AO	9A5F	K5UZ	YO4AUL	K1RI	AA4DD
W8NJR	AC9EM	K7EG		K3FRK	BA4DW
WB8K	AL7TC	K8KWT	117	KT1V	BA7IO
WV4TN	DL2VWR	N0KV	9Y4VU	PA0JSE	CT3FN
XE1H	FG5FR	N4LR	AE0P	RV3ID	CU3AK
	HB9BLQ	N8PW	BH4IGO	TZ4AM	DL6NB
122	HB9DHG	N9UA	DL1DWT	UA4PCM	F6CWA
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KB8U	W8FAX	W3MR	W8MIL	WL7E	IZ0BTV
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N4IQ	WB2UFF	W8GEX	YL3DQ	DF1KG	JK1MZT
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UA3FT	WX3P	W9SE		EU4T	K1EP
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WA9YYY	112	ZP6CW	DL1VDL	JA2CXF	K4WY
XE3ARV	A92IO		EA5BYP	JA4BXL	K6UT
	DJ1RL	111	F5BAR	JK1EXO	K8OM
113	DK5RL	AA4U	G3LNS	K2ONP	KM8AM
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BA4RF	EA1JO	AF4OX	HC1BI	K5KA	LU2DKT
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RA4UN	N6MA	UR6QA	SM5BHW		
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SM5ARL	RU4SU	VE6KC	UA3O	AI2Q	4Z5LA
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ON5UE	JA2VMU	RY6M	EC5A	N2DPF	VE7JKZ
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	JA7SFD	SM7NDX		N2XQM	VR2PX

W0GYH
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