

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 11 Dec 2024, 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	325 K9UWA UA2FF	315 4X4DK IK4WMA OH3SR	SP2FAX	303 F5LGE JA1BK JA4LKB	298 9A2AJ IK2DFZ OZ3PZ
341 EA8AK	324 K2TQC OH2BO	S50U W1JR	309 UT5UGR W5IZ	K1UO SM3GSK YU1FW	SM5CEU
340 K1ZM	W1NG	314 IK4GME K5RK	308 I4EWH IK4MGP	302 DL4MCF GM0GAV GM3YTS	297 DK5PR N4CC OE6IMD
339 W4DR W4ZV	323 S50A SP5EWY	N1DG NX4D OK3GU	IV3PRK K4SV K8GG		OM2XW RA3DX W0FLS
334 N4WW OH2BU	322 EY8MM K4PI UX0UN	UA4CR	307 DJ7MI OH5VT RZ3AM	301 DL9KR LZ2JE N1RJ	296 DF2UU F5NTV G4PWA
333 R7LV	W3UR	313 GM3POI OE3GCU OZ7YY	UT3UA VE3EJ	N3XX S54E	OE1WEU ON5NT W1JZ
332 UR0MC	321 WB9Z		306 K4CIA N4RJ	300 F6BKI G0JHC G3KMA	295 JA2JPA K3UA
330 AA1K HA0DU K5UR	320 SM4HCM W8UVZ	312 OH1MA	SM0AJU WT3Q	I2ZFD PA3FQA RC3FL	294 JH2FXK LA5HE RJ3AA
LZ2DF OH1XX UT7QF	319 K8MFO N0XA SM4CAN	311 DF3CB DJ6RX DJ9KG	305 EA6SX JA7NI K4ZW N4IS	SV8JE VA3EF	SV8CS WD5COV
329 K3UL UA4HBW	318 W9ZR	OG2M RA7A	304 CT1EEB DJ0MDR	299 JA4DND K4TEA	293 DL1AMQ S58T
328 R4GM UA4CC	317 W3LPL	310 I4AVG KJ9I	NN4T UA6A	N1BUG SV1FJA UX1UA	292 G4BWP
	316 W2VO	SM5BFJ SM6CVX		W7UT	

JH4UYB	286	279	K2CL	265	258
JR2KDN	DJ2YA	IK4DRY	K5BG	AA1V	KW9A
OZ1BTE	IK1GPG	JR7VHZ	KF2O	AA4V	RN3CT
SM5AQD	K3SX	N2TK	MD0CCE	AA7A	VE3QAA
SV1AOZ	N3SL	UA6MF	RA3DA	G4OBK	257
W3YX	PA0WRS	278	SM6CCO	RW0LT	IK5HHA
W8TOP	UT7UW	DK0EE	UA3DPM	SV8BHN	K1GUN
	W8AV	F6BEE	UX1AA	YO5BRZ	W9YSX
291	285	JA3FYC	272	264	256
9A7V	CT1APE	K5DU	9A2EU	AA6YQ	9A5CY
DF3GY		KG4W	CT1EKY	K7ZV	JA5BZL
JA4LXY	284	N5DG	DL1DUL	SP9JZU	JH1GZE
KD9SV	K5XI	UR5WA	DL2OE	W1GL	K1QX
N0TB	UA3AB	277	271	263	K5VRX
R7NW	283	AA4MM	EU7A	IZ1ANU	K8FL
SM3NRY	G4CCZ	DJ9VA	G4GED	K9OW	N5KD
SM6CMU	HB9BGV	F6AOJ	HB9AMO	W2SM	N8TR
SP3E	NA0Y	IK5BAF	OZ1CTK	W3AP	PA7MM
UA3LAR	NO3M	ON7TK	SP6CIK		W1TSP
UT7UJ	R3OK	SM6CNN	270	262	255
290	282	276	OE5KE	G0DQS	G3ZSS
IZ0AEG	DL1YD	DK5WL	SM5KNV	K4XP	K4QL
SP3IBS	I0WDX	DL7VEE	269	KR9U	KY7M
UA3AKO	JH4IFF	G3LZQ	IK6DLK	W1YY	N2MF
W5ZN	K4SO	N8RR	JA5AUC	261	UX0FF
289	K8KS	N9IW	K6ND	9A4T	W3DF
I5NPH	N2LT	OK1AWZ	KD5M	DL9YX	W5OZI
JA3ONB	N7NR	SP9DWT	RV3LO	K2EK	254
K0KX	SM6CTQ	275	W1ZC	K5KC	N0AT
K4WM	SP3DV	9A1CCY	268	N6SS	OM3DX
N8DX	US5WE	IK4CIE	DL5DSM	NO8D	WA4FFW
RX4HZ	UY5ZZ	K2UO	G3WPH	SP1S	253
US4EX	W0BV	K4IQJ	RA3XDX	260	5B4AGN
288	W2YC	OH3BU	RK4FD	EI7BA	K5ESW
PA3GCV	281	SP5CJQ	W1MK	K1LT	RU3FM
RA3CQ	DF2PY	UW2ZM	267	K4DY	S58Q
RY9C	JA2PJC	VE2TZT	LU8DPM	KX4R	UA1OMS
SL0ZG	JA5EXW	YO3APJ	RZ3DX	259	W0YG
SP7VC	K1CP	274	266	DF4PL	252
UA4LY	K9CT	G3TXF	K8PT	EA5BM	EA1DR
W0JX	S59Z	K1ZZ	LA3MHA	F6GCP	IV3YYK
WK3N	W4TO	SP6AEG	NR1R	I1FQH	JF2MBF
287	280	W6UB	R3LA	IK2YCW	JG3QZN
DL1RWN	EA6NB	273	W8TE	N3NT	LA5IIA
G3XTT	HB9BIN	F5NBU	W8XD	R9FM	ON4AOI
N2QT	NJ6P	IK8HJC		SP5DIR	PA4VHF
VA3DX	SM4DHF	JA8ISU			S52F
W4PK	SP6HEQ				

W3UM	245	K1ZG	VE3XN	229	US0SY
251	AA1QD	K9OT	WA7NS	CT1FJK	VA5DX
DJ7RD	DL4CF	LA2XPA	234	DJ4AX	W7KW
DL9RT	JA1GV	UR5MID	AC4G	JA8FKO	224
JA2VPO	N9US	VO1NA	AJ6T	J11BEX	DL5WW
JH0BBE	N9US	239	IZ8FFA	OE5NNN	IZ1LBG
N4II	RL9F	F6BLP	K4UTE	RO7T	JA9CHI
VK4MA	RY7G	JA5MHD	KF0QR	228	N8BM
W3KX	244	JR3GWZ	PY1BVY	AF9H	ON4GG
W5UN	AG9S	K0KT	233	AI0O	SP5INQ
W7LR	DK6WL	K1HTV	AB4I	EA1N	SP8NR
250	IK0XBX	KH6AT	EA6VQ	K4HB	VE6WZ
HB9RG	JA1HGY	LY3UM	JA0FSB	OH2BEN	VK6VZ
NQ1K	JA7QVI	RN3QN	K0CS	SV8CKM	W0VTT
OZ8BZ	K9RX	RU3QR	K1AR	VE3DZ	W2RQ
PY2RO	ON4IQ	SV1ELF	KA7T	227	223
249	243	SV1RK	SK3PY	DL7HU	AB0X
AI9L	AB3CV	238	UA4HAU	E72A	HA7TM
I1EIS	DK2JX	DL8WN	VA2WA	ES1RA	I3BUI
JQ3DUE	DK3DG	IK0XEZ	W7AO	IK0HBN	JH2TPI
JR3IIR	JF8QNF	JA0DAI	232	IK6FWJ	RT6T
K9NW	NN4X	VO1HP	JA8EAT	JA1UQP	SV2JAO
SP5DRH	ON4ATW	237	K2AZ	K1FK	ZS4TX
248	S57A	DL7MAE	K2UU	K3NW	222
K3WW	W9RPM	IK0MHR	K4XL	KD0Q	DF6PB
K5RX	W9XY	K1DG	NI6T	N2WK	IV3JVJ
N2NL	WX4G	NI0G	S51DI	NV9L	K3SV
R5DT	242	OM4EX	UA3AP	W1TC	K6EID
SM3VAC	KG7H	RA0FF	UR5EDX	WB6RSE	N5AW
SV8GFW	R5AJ	236	W3LL	226	N8PR
T77C	241	EA6ET	231	JA6BZI	N9BX
UT9FJ	EA4KD	G8VR	4X4NJ	JF2KOZ	SM0CCM
W9NGA	JA1SYY	K1JO	HA9RE	JR6EZE	W9BF
247	JA3EMU	K9NR	IK0YUT	K9FD*	221
IV3ODE	K2FF	K9ZO	JH1HGC	N6AR	DJ8NK
K6XT	K5ZK	KC7V	K5EK	N6JV	K4MWB
NO2R	N4XM	OK2ZI	N7NG	UT5JAJ	K8FH
R7IA	N5TY	OZ4O	ON4ACG	225	K8SIX
WB3AVN	N7RT	SP8AJK	W9IXX	A45XR	N6VR
246	OE2LCM	YO9HP	230	IW1ARB	SP7GAQ
DJ2TI	OK1DWJ	235	DJ5FI	JH7PFD	W1ZK
F2JD	SP5GRM	CX6VM	FK8CP	K1MM	W6JRY
K0IEA	UA3TT	JH4ADV	JA1CMD	K5AB	WS6X
N6TR	VE1YX	K3SWZ	N8JV	K9FD/KH6*	220
TF4M	VE3NH	KA9CFD	SM3NXS	N4CH	AG8B
W2TQC	240	N6DX	W4GF	RA3QK	HB9LCW
W5XZ	JA0CRI	OK1CF	W4VQ	RV1CC	HL5IVL
	K0JUH	R7DX		RW3XZ	JR4OZR
	K1FZ			SP3CGK	

K8ZTT	N7JW	N4PQX	KG9N	K2NV	IT9JNR
KA1R	RA1QD	NX0I	N8DJX	LY1G	W2IRT
N1LN	W0UO	RU3SD	N9AU	N7KA	W8HB
N5JR	W2LK	UR5FEO	SM6BZV	OK1DOT	197
VE3EXY		W1ECT	US0KW	R9TO	G3SNN
219	214	WA5VGI	VE3BW	RA3S	HB9DDO
IK3VUU	AD5A	210	205	UA9FAR	I5KKW
JA2FJP	HL3IUA	I8SAT	I4KDJ	W7DO	JH2UVL
LB8DC	JA2JW	JH0INP	JA3AAW	WA2HZO	K8NVR
N0AV	JA2WYN	JJ2LPV	JA9FPI	ZL3IX	LA5YJ
OE8RT	JJ3PRT	LA4GHA	K1DT	201	OE4PWW
RA3WDK	K3JGJ	UW7LL	PY2XB	AA5AM	OE5FIN
SP4K	K4NA	W7JW	W8UN	CU2DX	ON4CD
UT7UV	OK1DX	209	WB8ZRL	DL1EJA	RZ6FA
WA2UUK	RN7G	DL5CF	204	F4BKV	UA0SC
218	W4NL	DL9MRF	DJ5AV	JA9NFO	UT5EL
DJ4PI	W6YI	EU1KY	IK7NXM	Ji2KXK	196
DK0PM	213	HB9DDZ	K4JJW	JO7WXN	4Z4DX
IK1YDB	DF2IS	JA0UUA	KK4SI	K3HP	AA4HP
JA2FBY	DL7BA	LA7GIA	LX2A	K5MC	AG4W
JA8CDT	EI3IO	N9LB	N4NX	N4QS	DK2LO
JF3KON	HA1RW	VE1DX	N7FU	N5ZM	F6EXV
K0EU	JF6DSZ	VE3LYC	UA0SR	UY1HY	IK4PLW
K5UO	K1ST	W0ZR	US6EX	W5TCX	JA4PXC
UT4MF	NA2M	W7KNT	W2HUV	200	K8PO
W5PJR	RU4SO	208	WD8PKF	JA1GTF	KA9FOX
WA7NB	W0LYI	G3NSM	WF4U	JH2RMU	KP2A
217	W1FJ	JA7MSQ	W18A	K1GE	ND0N
JG1ULJ	W2WG	K2FU	203	K3LR	RA9CMO
K5PC	W3YY	N5ORT	HB9CXZ	K9US	RZ4FO
MM0EAX	212	RU3ZX	IZ8VYU	LA7HJA	SM2OAN
ON6YH	AA9A	UN5J	JA2XYO	RW4NN	W0FS
UA3AGW	DK2NG	W6PJ	JE1PNX	RW7M	W2FCR
216	DL9GFB	W9EWZ	JF4VZT	UY0ZG	195
JA2NDQ	K4MQG	207	K4XO	W0DD	EA3JL
JA6LCJ	K8ZH	I4LCK	K8AC	W0MHK	G3ZEM
JH1IFS	KE9I	K1LPS	K9MMS	W3GG	JA1EOD
K5EJ	KG6I	K3JT	KK2I	199	JN7FAH
N5UL	LA7JO	K8EUR	PA0A	JA2DPC	K7SO
OE1ZL	N1ZZ	PY2BW	R6AF	JA2JNA	K9RT
RZ0AF	N4MM	W0LS	W8GC	K1GG	KF8UN
W0GJ	SM5CZQ	206	202	K6GXO	N1SV
W6XA	WB9CIF	DM5EE	DL1MGB	N4DW	W5ZG
YO7LCB	WS9V	IK0IOL	DL2KQ	OZ1AXG	W9OP
YU3AA	211	JA3PIS	DL9DRA	W1TO	194
YV1DIG	F6DAY	K2VV	EA1RT	198	EA5RM
215	IK4DRR	K5AQ	JA3CSZ	DL1ROJ	K4KDX
JA9PPC	JA2IVK	K5RT	JA5AQC	G3UJE	K9JF
	JA4DEN		JH3VNC	G4BUE	KB9LIE
	K3WA				

KC9ARR	K9KU	K6SRZ	181	HA5WA	RN7F
W1NT	KF7PG	K7LAY	DK3WW	JE1BMJ	UA3LNM
W2LO	KM1D	N8LJ	N3OC	K3WC	W8UV
W9OO	LA7AFA	NE1B	VE3OSZ	K7GM	W8VVG
WD8JJA	N4XU	WA3C	YO2DFA	K9NU	WT8C
	N5GH			SM6DHU	
193	SP2LNW	185	180	W2OR	173
DL5ZB	VE7VV	AB6QM	DM2DXA	W5LT	5B4ALJ
DL6ZXG	XE2X	EA6BF	DM3VL	W7FI	I1JQJ
EA3WD		G3KWK	K2EP		IK4ADE
HA5BSW	189	IK3SWB	K6SSS	176	JA3ENN
K4ODL	9A2F	K5ZD	K7BG	EU1AB	JA9TWN
K9YY	CT1IUA	N4TJ	LA9AJA	HK3W	JL1SAM
KV7K	EA8PP	N5UR	N1RR	I6FLD	K1NTR
N9EN	FM5CD	OE2BZL	N4AH	JA0DET	K4XR
NK1K	JA1XEC	SV1DPI	ON5FP	JA5IU	K5GKC
PA0LOU	JA3RAR	UA9CBO	UT2UB	JA6BJV	KA1J
RN1ON	JH1QAX		W1RM	JA8KSF	N5FG
UA0CA	K0JGH	184	W3YQ	K8MN	PY5EW
W4FC	SM7GIB	AA1ON	W8TN	N5OK	W8HC
W9MU	SP7HOV	JA2ZL		RL3FA	
	UA7T	JF1NZW	179	W4BP	172
192	WE9R	JF1PUW	I2AOX	W4GD	G0BLB
DK1FW		JH1RFR	IT9ELD	YO7NE	G3NKC
IK0FVC	188	K4HGX	IW0SAF		IZ5MOQ
JA7JWF	9A2NA	K5KLA	JA2BDR	175	JA3FGJ
K3FN	AB4IQ	KB4ET	K4CN	JA1CHN	JA9NLE
K4FJ	JA1KQX	KL0S	K8WK	JS3CTQ	JG3IWL
K5XX	KB0EO	OH2IS	OK1MG	K4DLI	K0DEQ
K9EU	KB1EFS	S57AC	S57UN	LA0FA	K1BD
N4DB	W6SR	US8UA	SM4DDE	N7IR	K6FG
N5LZ	W8JV		SV3FUP	N7XR	KJ0M
W3UA	WA6YEE	183	W2YJ	SM5FUG	W4FQT
W4UM		CT1FMX	W7BEM	SP1MGM	
W8LGJ	187	CT3MD	YL2TW	VE3FF	171
WN6W	AJ1H	IT9INO		W7MEM	AA9D
	DF2GH	K8VC	178	WX0V	DL6KR
191	K0SR	KE9ET	EA3CJ		G0EHO
GOOIL	KN5O	LA3WAA	JA2LCP	174	HA9PP
JA0EOK	N2NS	NN2L	JA4MRL	4Z5CX	JA1PPW
JA1ANR	OK1CZ	ON6SAS	JE2URF	JA0GJJ	JA6HUG
K8FC	RM0F	W2FP	K2UR	JA2XW	JR1TNE
K9LA	SM0NJO	W8NW	K8RRT	JA7MOL	K1NU
KB8VAO	W7AWA		NE0U	JF7DZA	K9YC
RK2FWA		182	SM7DLK	JK1OPL	LA5LJA
RX3APM	186	DJ9ON	SV1JG	JR6PGB	N0RN
WA2VYA	9A8A	DK3UA	W6NWS	K0TT	N4OGW
	IK2QPR	JA1SHE		K2KA	N7RO
190	IZ8FWN	K0BBC	177	K3AJ	N9RC
IZ8XQC	JA0VSH	UR3EO	9H1SP	K4TR	SV1LK
JA1DUH	JA8DNV	W1YM	AE5E	K4WS	WB7B
JA1MCU	K0BJ		CT1EAV	OE1WHC	ZS1LS
K2TE	K3PA		EA8JF	OK1DWC	

170	N0IJ	N5WA	AD5Q	157	G4GIR
CT1FPQ	N3BNA	N9FN	DL1DA	AA4H	GM3PPE
DJ6TK	PA3C	NY0V	EC3A	AC6DD	HB9TKS
JA6JPS	RA1AOB	RA3ZH	HB9DHK	EI6FR	JA8NFV
JF1WPB	RN9N	W4NS	HB9FMN	G3TQZ	JE2DZC
JM1GYQ	S51EC	W6RW	IW2FND	IZ4DPV	K0KVR
JR7BDQ	SP3FAR	W7YAQ	JA2EPW	JA1GHH	N3RC
K6ZZ	UN9L		JE2LUN	JA9APS	W1NA
N4PY	VE6WQ	163	JE2OVG	JH7IAJ	W2XI
SP3GTS	W1YW	DJ9HX	JF2XGF	K9GA	W5DNT
SV3KH	W3IP	JG0CQK	JR7MAZ	LY5A	WB0TEV
W8KEN	WA0MHJ	K8TL	K3MSB	N5MOA	WS7L
W9AJ	WA4LOX	UR4CWQ	NR4M	NE9Z	YS1RR
W9EVI		VE3CFK	RU6L	RN3OG	
WA3AFS	166	W7AL	SV2AEL	RU4UR	153
	4Z1UF	WP4U	UA0FZ	SM3PHM	AJ9C
169	DJ4SO		UX5UO	SV8ZS	DL3ZA
IK0PEA	IV3TDM	162	W1BR	W2TA	EA5BY
JR1IZM	JA1FNA	4O3A	W5XC	W5GZ	G3TJW
K1LI	JA9LJS	9A4W	WX0B	YV2IF	HL2CFY
N4XX	K3KY	CT1GFK			JE3GRQ
N7US	K4JLD	F3AT	159	156	JF1IRW
PE1L	K4PB	I2ZGC	JA4FKX	DL4MM	K4RG
RA3DNC	K4ZYU	JA6GIJ	JE2LPC	F6HDH	K8VJV
UT8MM	K9MBQ	K1KI	JH6QFJ	IK0AGU	N4TV
UY5AA	RM3DA	LB6KC	JH7CFX	IK0FUX	N5TW
WB3JFS	W1RR	N8MR	K1KA	IZ8IEV	N8II
	W8ILC	RW3RN	K4RO	JH2QMT	R9OK
168	WA8TXT	W0HT	W3HKK	JO7HAM	SM6CLU
4Z5MU		W0TT	W6BJH	K8YSE	SP5CCC
G3MXJ	165	W1LW	W7SX	KS1J	UT5UY
IK2EGL	DL7UCX	W3JX	W9RN	N3UA	WB8BPU
JA1ADT	JA6VQA	W4DKS	WA9PIE	N4HB	WE1P
JE7JDL	JE7RJS	W8WEJ	WD5BJT	UA3SAQ	
JF2UPM	JN4MMO	WW3S		VA3LX	152
K5QY	K5JZ		158	W1YIF	EW2A
K8RYU	KI5BLU	161	DJ4PT	W4TV	JE3ENP
KR4F	KK4CB	DK2GZ	DL1FKA		JR9OPJ
N4QQ	OH2BLD	DL6RAI	JH1TWT	155	JT1CO
N8BJQ	SM4CTT	JA1DOF	JI1FXS	AB9V	K7SP
PA7F	SP6EQZ	JH4CPC	JI1NJC	DL1RK	KS3F
SP5GH	W0DJC	K1USA	JR1GJP	DL6MRS	N9OY
TF3SG	W5BN	K5GO	K5TT	K2LS	S55ZZ
W4SVO	WC5N	K7NN	OZ1HX	K4WA	UA6IGI
W6VX		K8ND	RU6M	NE0DX	UT5AB
W8OI	164	LB2TB	SM4EMO	NW7E	VE6LB
WA5YNB	GU4YOX	N4GN	W0SZ	RC9F	W1SKU
	HA7UW	OH6RA	W1OX	SM6VR	W1VT
167	HB9BZA	VK3HJ	W2XL	ZS6EZ	W6RLL
DK5AD	JA1RTX	YU2TW	W3GQ		W7AJ
K4XD	JA7ZP		W4QN	154	WB3CQM
K6KO	JH2SON	160		3V8SF	
K8NK	K1NJ	9A2JK		DK1WB	

151	WD5K	145	LZ2ZG	ZS1C	F6DDR
DK2OY	WS5W	AF4HX	N2RJ		IK8EPC
EI9JF	YO3DDZ	JJ3HGJ	N2WM	140	JF3LOP
F3SG		JN1BMX	N5UW	9A1CAL	JH7RXU
JA6BEE	148	K1OA	N6PAT	DF2RG	JK1AJX
K2FW	DK2CC	K3VAT	R8TX	JA9RRH	K1RO
N1EN	EA7TV	K4OY	W0IZ	K5WK	K2RET
N5JB	F5CQ	K8BL	W6QUV	K6KLY	KJ6P
OK1ATP	F5LVL	KF6HI	W8RLS	KF8DX	KK1W
RD3A	HB9BUN	LA6OP	WB8ZRV	N4XP	OZ8X
RU3A	HB9SLO	N1CGP	WD9DZV	N7WS	RW4CY
S54A	JA2VQF	N4GG		N8OC	V51B
SP7AWG	JH1QDB	PC3T	142	OH6NIO	W1GD
SV9AHZ	KR2Q	RT0F	I5HOR	OK2ZV	W2YE
W7RH	N2WB	SM3DTR	IT9BLB	ON7DR	W4YV
WA1Z	NE3F		JE1FQV	UN1L	W7OM
	W5FKX	144	JR7WFC	VE6SV	
150	W9JJB	AA6AA	K3PP	W0SEI	137
DL4SZB		DL5CW	K4WZ	W4NU	CU3EQ
EA1AF	147	DL5KUA	K5VWW	W5ADD	GM3YOR
IT9DSZ	AA7G	E70T	KQ4AV	W7IV	IZ2FOS
IV3RAV	EA3GP	EI6IZ	LA9VFA	W8LWU	JA3APU
JA2NQG	HB0CC	GM3ITN	MM0SAJ	YL2MU	JA3OOK
JH1NYM	IV3VBM	HB9BYQ	N5XZ	YO9FNP	JE6TSP
K0RS	JA1SVP	HI3T	N7QT		JR1XIS
K7LV	JA1XQC	I5MXX	NA4D	139	K2QMF
K8AJS	JH4ALY	IT9GSF	NQ7R	CU2AP	K8NS
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N9MB	K9MK	K0VSH	W5LUA	DL8OH	RG7G
OE8SPW	KM1H	K5TR	W5VQ	JA1TMG	UU1JA
UA6YW	N1IBM	N1IX	W7ZI	JH0BQX	W1ITU
W6DAO	UN7LZ	N3KK	WA5POK	K1CA	W2CG
W7CT	W1OP	SM4OLL	WB8CQV	K3ANS	W5ODD
WA2BCK	W2KKZ	SM5CLE	WP4G	K6AM	WB5JID
	WW2DX	W2/CT1GIF		K8GI	WO2T
		W4GE	141	K8RF	
149	146	WC5M	AC9S	KD0PO	136
DL7CX	F5PAC	WD5T	DL5MHQ	KU0A	DS1JFY
IK4FNF	G4FTC	YO3CD	EW1BA	LA8WG	E72U
IZ3ENH	JA1HQQ		JA1PTJ	OK1MP	ER0FEO
JL1ARF	JA4DHN	143	JA2ATE	OK2QA	IK8CNT
K3RA	JH1GNU	DL1DUO	JA5XAE	SM5CBM	JA4OK
K3TN	K5KV	DL6EN	K2RW	SV8ZC	K0TV
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K8ME	K6NR	HS0ZEE	OE6VIE	WA8WV	N2ZN
NX8Y	K7WP	I0JBL	SV3FUO		N6PSE
SM6CUK	N7BT	K0QC	W3BW	138	OK1DW
SV1CNS	RU0SN	K7CMZ	W4JVN	DK8MCT	SM5OJH
UW7UA	W1IZL	K7CW	W4VIC	DK8YY	SP2BMX
W0GG	W1ZT	K8ROX	W4WT	EI9FBB	UT3UZ
W7HPW		KJ9C	W8HW	EU4A	UW8SM
WB8B					

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WB7QXU	JA9AGN	JM1FHL	N3RR	SM0BYD	JH4ADK
135	JH1HHC	JR6FC	PY5EG	SP6A	JL1RUC
5B4MF	K1ZN	K5VIP	W7QHE	SP7ASZ	K1HAP
DJ9ZB	K2CDJ	KH2L	128	W0CP	K5KG
F6FXU	K6EME	N4QWZ	AA4SC	W0RT	K8DV
HB9IQB	KS4YT	N5PHT	DM2RM	W0YVA	KA6BIM
IV3DXW	KU2A	N6RK	IT9ZZO	W3BG	KI4WCQ
IZ0RVI	N9MR	NA5DX	JA2AHH	W3MF	LZ1XL
JA7LMZ	OE1KM	NN4R	JA2KSP	126	N2KA
JA8BNP	RA5BM	ON4ON	JA9AA	DJ8WD	N3EN
JA8JL	RV4LC	R0SR	JE1LFX	F8BPN	N4JT
JH4HMG	UQ2PZ	R9MJ	JI4POR	G4IUF	NA5C
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R7LP	132	DF9ZW	K4SE	JA1XCZ	OH1ZK
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K3OX	W4AXL	R5QA	127	W8MK	PA0TCA
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KA8SYV	W4WM	RU1AO	HK1MW	W9ILY	UA0BA
KX4TT	W5AJ	TA1CM	IU0HDC	WB0O	VE1DUN
N9RS	W5SL	UN7JX	JA1DDH	WB2REM	W2JU
OE1TKW	W6DR	VE3DO	JA1WLO	WD4LBR	W2RIJ
PY5HOT	W7AH	W2MPK	JA8RJE	XE1KK	W3FM
RG6G	W7CD	W9ZT	JS2LHI	YU1EXY	W6CYX
UA0ACG	W9FR	129	K0RW	125	123
W1EQ	WB3D	EA1YO	K3TRM	9A1AD	AB1OC
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133	DK7YY	K3NK	KM4NS	IK5DNF	DL9FCY
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EU1U	HS1NGR	K6XM	N1GC	JA6VU	G4WFFQ
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	JJ1DCW	N0YY	S51NM	JF2WXS	IK2CHZ

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JA0CRG	DK6CQ	W4PRO	K8LN	UB3A	K8YTO
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JA6WJL	JA1SJV	W7RN	K9DR	US1CT	KV1J
JH3AIU	KD8RQE	WV4TN	K9SG	W4ZRZ	LY4T
JR1EBE	KG9Z	ZL4AS	KD2T	W5JMW	N0IRM
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K3XO	N6HC	119	LZ2HM	W8ZR	N8KOL
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K5GH	UQ1GWW	AJ4A	N3NR		RZ6MJ
K7UT	UT4EO	DK3GG	PY2PA	116	UA1ANA
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S50B	WY1G	JA3AZD	W4NJ	IT9TQH	YL2CZ
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UT3QU		JE2JMV	WT4Q	JA1WTI	114
W1AO	120	JH6CDI	YO4AUL	K1DC	AA4DD
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WB8K	AC9EM	K7EG	117	KT1V	BA7IO
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	DL2VWR	N0KV	AE0P	RV3ID	CU3AK
122	FG5FR	N4LR	BH4IGO	TZ4AM	DL6NB
G3NDC	HB9BLQ	N8PW	DL1DWT	UA4PCM	F6CWA
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DF1DB	W2YR	K3WGR	SP8HKT	K4GK	W4TUN

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113	DK5RL	111	DL1VDL	JA2CXF	KM8AM
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BA4RF	EA1JO	AB4GE	F5BAR	K2ONP	LU2DKT
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EA5KA	HB9G	EV1R	HL3GOB	KE1F	PA0ZH
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UW7CN	K7IA	W0QC	IS0/YO3RA	N9ADG	W4HHN
VE2FYR	K8BN	W1AW	IW0BYL	N9PGG	W4OV
VR2MY	K8ZR	W1FC	JA1BRK	NA6O	W5BK
W1MRH	K9JU	W1GF	JA1CPU	NA9Q	W7DT

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YL2SM
YO9FLD
ZP9MCE
ZS2DL