

ARRL DXCC - 12 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 14 Nov 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.

348 K2TQC	KF2O N6AR	W7UT	334 DJ9ZB EA4KD K4XO K8SIX N4XM N8DJX OE6IMD SM5AQD SP3EPK UA6A	N2LT SM6CVX SP2FAX UA4HBW W1YY W5BPT WB9Z	N9IW OE3GCU OK1MP SP3E VE3FF YU1FW
347 K4CIA K8MFO N4WW SP5EWY W4DR	341 4X4DK DJ6RX G3KMA K5UR N2TK N4CC OH2BU OZ3PZ	337 I4LCK JA3FYC K9NU PY4OY W3LPL W9IXX	333 DL4MCF EA6SX G0JHC G3XTT JA0EOK JA2KVD JQ3DUE JR3IIR K6YRA N4AH PY2SP R7LV SM5CEU WD5COV	331 DJ9HX F6DAY HB9BGV I4AVG IK8HJC JA1HGY K0IEA LZ2DF PY5HOT UT5UGR UT7QF W4DKS W8UVZ W9RPM	329 EI7BA GM3YTS HB9BZA I4MKN IK5HHA IT9DAA IV3JVJ JA1BK JA2JW JA7KY JE2URF K0EU K4ZYU N5AW NO8D NR1R OZ1CTK SP7GAQ W0DJC WA1JMP
346 N1DG SM3EVR W1JR	340 AA1V DJ9KG JA4DND JH4IFF N0AT NN4T PA3FQA SP5CJQ VE3EJ W3UR	336 AA6YQ EA8AK G4BWP JA1WPX JA2JPA K1ST K2FF K4HGX K5RK N3XX VE3XN W0BV W2LO	332 AA1QD DF3GY DF4PL DJ8NK F6AOJ JA0UUA JA2FBY JA4DLP K1OA K3UA	330 DJ2YA DL1AMQ EA5RM EY8MM F6BKI HA5WA IK4DRY JA1ADN JA3EMU JA5MHD JG3QZN JL1UXH N5ZM N8JV	328 AA5AU AA7A DL7MAE G4OBK IK6DLK IZ5EKV JA5AQC JA6BZI JH1GZE
345 OH1XX W9ZR	339 IK1GPG JA1UQP K4UTE N4CH N8DX SM3GSK	335 AG9S JA4LKB JA5AUC JH4UYB N0XA N5UR OK3GU PE5T SP8AJK W0MHK W2YC			
344 JA2VPO OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	338 CT1EEB DF3CB JA5EXW SM3NRY W1DIG				
343 HA0DU K3FN K4PI N4MM VA3DX					
342 JR2KDN K4DY K4MQG					

J14POR	SP5DIR	N4DW	SP7VC	KA9CFD	LA5IIA
K1HTV	W6RLL	N4NX	VE3EXY	KD5M	OE1AZS
K4MWB	W9OP	N8RR	W6XA	N2BJ	OE1ZL
K4QL		ON4CD	W7AO	SP1MGM	SM4DDE
K4XP	324	R7DX	YV1DIG	W5OZI	SV1DPI
NI0G	DL5DSM	UA3AB		W6VX	SV1JG
SL0ZG	EA5BM	UA4CC	319	WX4G	UA6MF
SP6CIK	I5NPH	W1ECT	FK8CP		UX0FF
W5FKX	JA2DPC	W3LL	JA1XEC	316	YU3AA
W5ZN	JF1WPB	W5CIA	JE1SYN	AA4V	
YO5BRZ	JF7XKY	W5TCX	JH3CUL	DL5WW	313
	JH8RZJ	W18A	J11DHY	GM0GAV	5B4MF
327	K5EK		K6AM	HB9HFN	AB3CV
AA1ON	K5KC	321	K7NN	JA2JNA	AB9V
DK5WL	N8BM	AD1C	KV7K	JA8EAT	CT4NH
DL2OE	R3OK	G4CCZ	N4DB	K3WA	JA5IU
HB9AMO	SM6CCO	HB9BIN	N4JF	K4HB	JR1BLX
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J18DGO	W1RM	JA3AZD	PA3EWP	KQ8M	K5BG
K4CN	W9OL	JE2LUN	R5AJ	LA7HJA	KB0EO
N6JV	WB4TDH	JH3VNC	SV1FJA	N4QS	LB8DC
NJ6P	WK3N	JH4ADV	UA3AP	RV3LO	N8KOL
PY2YP		JJ2LPV	UY5ZZ	SP1JRF	SP3CGK
W4PK	323	JJ3PRT	W3KX	SV8CS	W1GL
W5XX	EA3GP	JR3OEH	W5WT	UA3DPM	ZS6EZ
WB6RSE	GM3POI	K2UO		W2IRT	
	I0WDX	K2VV	318	W7MO	312
326	JA9APS	N3NT	A45XR	W9ILY	AA5AT
I4EWH	JF1KKV	NK1K	AA4HP		CT1DKS
JA7MSQ	JH2FXK	OE6MDF	AD5A	315	EA7TV
JH1TWT	JR3GWZ	OE8RT	DJ4AX	9H1SP	IK4DRR
LU2NI	K8PT	OH2BLD	DL6KR	AB6QM	JA1SYY
N7RT	KF0QR	OZ1AXG	EA1YO	G3VKW	JA2IVK
RU3FM	N5TY	SM2GCQ	G4PWA	HB0CC	K1HT
SP6M	OE8HIK	UT7UJ	J12KXK	IZ0AEG	N5ORT
SV1RK	RZ3AM	W8GC	K2TE	JA8RJE	PY2BW
W4UM	SM4DHF		K4IQJ	JR2BJE	WA2VYA
W8DCH	SM5CZQ	320	K5DU	JR7VHZ	WP4U
YO9HP	SM6CMU	AB4IQ	K9IR	N5OK	
	VE2TZT	DF2RG	K9YY	ON4IZ	311
325	W3NO	F5PAC	LA2PA	PY2NQ	DK2NG
CT1APE		G3TXF	PY5EW	SM3VAC	F3SG
CT1IUA	322	I2EOW	SM6DHU	W8OI	JA4MRL
EU7A	CT1BH	IK5PWQ	VE3LYC		JA7JWF
F6EXV	DK9KX	JA3PIS	W4FC	314	JH4JNG
JA1SJV	EA5BY	JA4FKX		DM5EE	JO7WXN
JA2FJP	G0DQS	JH1IFS	317	G3NDC	JR9LKE
JA5WIZ	HB9DHK	K1LD	EA2IA	JF1PUW	OE3EVA
JS2LHI	IK4GME	K6FG	IK2YCW	JR4OZR	PY2XU
K0DEQ	JF3KON	N4II	IK8YTA	K1BD	RA3CQ
K9EU	KU0A	NY0V	K2RW	K2LS	SP1S
OE2LCM	KW9A	ON4IQ	K6YUI	K5AQ	UR0MC
SM4EMO	N1NK	SM5KNV	K9CT	KC9ARR	VE1DX

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	YS1RR	EA6VQ	AA5AM		JA1SVP
310	307	F2JD	F4BKV	298	K5ZK
JA1ANR	AC4G	HB9DDZ	HK4SAN	5B4AHJ	K6SIK
JA2XYO	DK2JX	I5HOR	IZ1LBG	HP2AT	KD3CQ
JA6VQA	G0BLB	IK4PLW	JA0DIN	IK0PEA	W2GG
JA7QVI	G0BLB	JA1XCZ	JA1LSP	JA4ITW	W5LT
JR6FC	IZ8FFA	JA2ZL	JA2WYN	JL2JVX	W6XK
K4EM	JA2XW	JA7IC	K4SE	K5WAF	W8HW
K8FL	JA3GN	JF2UPM	K6RO	K6KLY	YO2RR
LA7AFA	JH1QAX	JN3SAC	KI0KB	K8EUR	
LA9AJA	JJ3HGJ	KC7V	N9AU	N5DG	294
N1IBM	K0KX	KN5O	RN3QN	NQ1K	EA6NB
N5XZ	K3RA	N7US	US5WE	NS6C	HB9BOI
RL9F	K9MM	N9RS	W1YM	OE3SGU	HB9CEX
SP6HEQ	LA7JO	W6ENZ	W5XC	SV2DGH	HL2IFR
UX1UA	NE1B	ZL3JT	W7CT	W0VX	JA1BPA
W0YG	NI6T	303	WB5JID	WB0TEV	JE1GWO
W4BP	OZ4O	EA3GHZ	WE9R	ZL1BYZ	JE8CLT
	R3VA	HL3IUA			JK1EXO
309	W2JU	IK2RPE	300	297	JR1BAS
DJ5FI	306	JA1IZZ	AA8CH	DL4CF	K5MC
EA8AKN	DL1KUR	K7WP	IK4ADE	HB9DDO	K7ZV
I3BUI	DL6CNG	K7ZA	IZ5RVG	HL4CJG	KZ4V
JA1EOD	G0OIL	K8AC	JA9AA	IK5RUN	RU6L
JA2AH	HA1RB	K9RX	K0KVR	JE7JDL	
K8QM	JA0CRI	KG4W	K3XA	K2PK	293
KX4R	JA6WJL	KG8P	K8GG	K8VJV	AA4R
MD0CCE	JH1AGU	OE1WEU	K8TL	K8WK	AE5E
NU8Z	JH1NYM	RL3FA	KB1JZU	KG7H	DL1SMA
R9TO	K2SHZ	RW4NN	PA3CSR	KT1J	EA3WD
RU3QR	K2UU	SP7HOV	UT9FJ		JA2CXF
RW3RN	K5XI	SP7ITB	W6TC	296	JA3RQ
RX3AGD	NN4SS	W1SKU		AA8OY	JH7RXU
UA4LY	W9RN	WA7NB	299	E73Y	JM1FHL
YO3APJ	WB9CIF	WT8C	CT1FMX	EV1R	K4JAF
	WD0DAN	302	DJ5JH	JA1IOA	KE9L
308		EA1N	DK5AD	K6FW	N2LM
DL2CHN	305	F5CQ	DM2DXA	K8VC	PY2IQ
IK2QPR	A65BR	IU7QBB	EW2A	LA8PT	S55DX
JA1GRM	DJ4XA	IW1ARB	HB9RG	N0RB	SV3DCX
JA9TWN	JA1VSL	IZ2AMW	HB9SLO	PY7DJ	W9AJ
JF8QNF	JA5XAE	JG3LGD	JA7BWT	RA3QK	WA4FFW
K0GY	JA9CWJ	JG4AKL	JE1DXC	SM6BZV	
K4SO	JR2UBS	W4QN	JH1SJN	SV9COL	292
K8OM	K0JUH	W5ADD	K1AR	UA6YW	AI9L
KS1J	K9ZO	W7OM	KM4H	W5AJ	EA5AT
R7NW	PA5TT	WD4LBR	LA3WAA	W9JA	G4GIR
SV1CNS	RA9CMO	ZS1LS	N4TL		G8DX
VA5DX	SM3NXS		R9FM	295	HB9TKS
W2QO	UT2UB		SM6CUK	AD6W	IZ3ETU
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WA8WV			VE3BW	G3LZQ	K7ZD

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N8II	JH1BAM	JA5BEN	K5DHY	JF2XGF	EA1AF
ND0N	JR7WFC	JA7LGE	K9NW	VE3DZ	JA2JRG
R6AF	K4XD	JA8EJO	LU4FPZ	VE3EK	JH4ALY
SP5IWA	N2NL	JG0CQK	N7IR	VK3HJ	K1DT
W6SR	N7TY	K1LPS	OE8SPW	W1EQ	N2JJ
291	PY2VA	K1RO	S57AT	W3JX	N7KA
G0EHO	R0FA	LU8EKC	W1LW	W3OA	N8PW
GM0AXY	UN6T	N0KV	W6BJH	W8TN	W4OX
K3PA	W4VIC	NN4R	282	278	W9MJ
K5VIP	W9YSX	RA0FF	JA2FGL	DL5CW	WO7R
K9MK	WA3AFS	UR5EDX	K5UO	EA8RR	274
KB8VAO	YB1UUN	W5VY	K6ND	JA2BDR	EW1KP
KP2A	YO2CMI	W6PJ	LZ2JE	JA2VQF	IK0AGU
MM0EAX	288	W8AXI	RA1QD	K1USA	IW0HOU
N2TN	I1EIS	285	RD3AW	K2UR	JH1IAQ
SV1GYG	JL1RUC	4Z4DX	SM4CTI	KD0PO	K3PT
UY5AA	JR1DUP	DL1TRK	UA0BA	N7RO	K6UM
VE3CFK	JR2LJO	DL2SWN	W1VT	VE3CRG	KA8ZPE
290	K9US	EA3GHQ	W7AL	W8MHW	KJ6P
9K2OD	KD0Q	IZ8DFO	281	YO7LCB	NA5C
AA4A	KK0M	JK1GOK	EA5OX	ZL4TT	OE2GEN
CU2AP	SP9JZU	K6GXO	EI2GLB	277	PA7RA
DK1FW	UA3AGW	K9SM	F3AT	EU1KY	SV9AHZ
EC3A	W1YIF	N4RWG	GM3YOR	F5UJK	UA3ECJ
IZ4MJP	W2LE	OE1WHC	HK3W	IK0HFO	WF2S
JA1JAT	W3RJW	W8AV	IZ8FDH	IT9CVO	273
JA1KQX	ZS2EZ	WA6F	K0TPP	JA0PE	CT1FCX
JE1LFX	287	WK7E	N2WB	JA1FQI	JA6BEE
LA2QM	9M6YBG	ZS2DL	N5GH	JA3ENN	JH3GCN
LA5LJA	AA8LL	284	N8SNM	JA8EOT	K4MS
LU3CQ	AC0A	EI9FBB	OE5BWN	K2AJY	N4IG
N9FN	HB9BAT	JA3EOP	W0LS	N5LZ	ON4AOI
PP1CZ	JA1WSK	JG3SKK	XE1KK	W3BW	OZ1ACB
SK3PY	JA2ATE	JH3SIF	280	W7BEM	UR5WA
SM2OAN	JE2OVG	JN1BMX	JA1XPQ	WT4Q	W4HG
SP8HKT	K0AZ	K0BBC	JA2IYJ	276	W8RLS
SV3AQR	R9SA	PY2KP	JA6TMU	DK3WW	272
VU2NKS	RM0F	SM0CCM	JF1NZW	HB9LCW	AF9H
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W6YI	UN7JX	SP3IBS	K1GG	JA7LMZ	E72A
WB9EEE	W2NO	W4FQT	PY2DS	N5MOA	EI9JF
XE2CQ	W4YCH	W5ODD	SM5CZK	ON4CAS	F5PBM
289	286	W8BBQ	UT7UV	RX4HZ	IK5PWN
AJ6T	AB5A	283	W7ZJ	SM5CLE	IZ0RVI
DL9TJ	CT3HF	EA6ET	W8LGJ	VE1JBC	K8BL
G3SVD	DL2VPO	HB9CQK	279	W1ZT	KI4GE
IV3YYK	G5LP	JA1RTX	AD5Q	W5GO	LA3MHA
JA9FAI	IK0XBX	JG3FEA	GM3PPE	W9FR	LA8HGA
JE2LPC	IZ8XQC	JL1XMN			OE5FIN

PA0ZH	K0KT	JH0INP	RW7M	NX0I	RU1AB
SV1ACK	K3UL	JH1HHC	W2OIB	SK7AX	SV1VS
W1YRC	K4WNW	K1DG	W3ACO	TG9NX	W8MET
W2OO	K5PS	K8AJS	WA4LOX	W6RS	W8MJ
W3AP	N4UOZ	KQ4AV	ZS6NJ	WA0MHJ	256
WN6W	N8LJ	N4JQQ	262	WA5LFD	BH4QYX
ZS4TX	OM4EX	PZ5RA	CU3EJ	WA9PIE	EC1A
271	PE1L	RA4CA	I5REA	259	FG8OJ
4X1RU	W1MK	SM0NJO	IV3VBM	4F2KWT	JA0KJE
AA8R	W4MAY	WB2GAI	JA8BAR	AA9A	JA8LRG
HK1MW	WB8BPU	WB3LHD	K2KA	AJ9C	JH1RGG
IK2DZN	YB1AR	265	K8AV	EW1BA	JH4GJR
JA0DET	ZS1A	AA4FL	KF2DT	HL3GOB	JM1GHT
JE6TSP	268	G3WPH	LA9FFA	I5OYY	JM2RUV
K3PU	HA5VZ	I4KDJ	ON5UE	K2UFM	K0TT
K7EG	IV3GOW	JH4HMG	W5ZG	OH1JP	M0TTB
K8UT	JA1NWD	JO4CFV	W6NWS	W2FV	N9ISN
KS3F	JK1TCV	K2CBI	W7LGG	WA1S	255
NK0S	K9JF	K6PJ	W7QDM	258	AB4SF
UA3TT	K9MBQ	K8ROX	WA3GFM	DK7YY	AI6Z
UN7LZ	KD4W	LB2TB	WB8ART	HB9IQB	IV3TMM
W3GQ	KD4W	N5KM	YB2DX	JA9AGN	JA9NLE
WA3C	N2AJ	N9JV	261	JH1BNC	JE2DZC
270	N5JB	WB2BIN	IZ8IEV	KH2L	JE8TGI
CT1EAV	N6TA	264	JH3KAI	OH4UI	JK1OPL
CT3MD	NA5DX	4Z1UF	K2FW	PY5CC	K5VWW
DK8MCT	OH1ZK	DF2GH	K7LJ	R4GM	K9FN
DS1JFY	ON6AA	EA1KP	ND4X	R5DT	KR4F
EA1KY	SM5ENX	F6DBX	NK4L	SA0AQT	N1RK
F9XL	SM5FWW	JA8DNV	OM8FR	US0YA	VR2XMT
HL2WA	SM6BGG	JA8ZO	R8TX	W1SSN	XE1MEX
I1FQH	W2AY	JM1HJG	SM4AZQ	ZL2IFB	254
JA7FWR	W8QZA/QRP	JR4LNG	SM7CQY	257	BA7IO
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K0BJ	267	KA1ERL	W4UCK	BA4RF	DL1HRN
K7UA	DJ9ON	LA0FA	ZS6WB	CT1FPQ	E72U
N4QQ	JA9FPI	N1GC	260	DJ0UT	IK4HPU
SP8NR	JF2WGN	RA5BM	7M4AOE	DJ8NT	JA3VPA
VE6LB	JJ3CJP	SV1CQN	EA8MT	EA7SG	JA8BNP
WL7E	JJ1TKN	VE6AX	EA9IE	EB3CW	JH1VUO
269	K0GD	W5PF	EC1AIJ	HB9RYZ	K3SEW
4X6ZK	K3FRK	263	EI8IU	IK2PZC	KI5BLU
9A4T	KB1EFS	DK4TP	FG5FR	IK4AUY	N4LR
IK8EPC	SM5BMB	EA4DL	JA1KPH	JJ1DWT	UA3O
IW1QN	SM5FUG	HA7UW	JA2FBC	N3VA	WA0RVK
IZ8EJB	SM5FUG	JA7XBG	JA2TBS	N6HC	253
JA1OVF	UW2ZM	JR8AMF	JH3FUK	N8TR	CT1BWU
JA1VLK	266	K1KO	K8YSE	NI3P	CU2DX
JE3ENP	7K1PTT	K8FH	LY1G	NW7E	DS5ACV
JP1NWZ	DL6JZ	KN6KI	NN4X	PY2MC	
	F2NH				
	IZ8VYU				

G3UAS	JL1MWI	246	LA9VFA	239	236
HB9DHG	JR0EQQ	IV3KFB	N4QWZ	6K5YIA	FG4NO
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JE2RDO	K6IPM	JA2QXP	S55ZZ	IZ1JMN	HL2CFY
KE1F	N1SV	JA7HRM	SV1FJP	IZ2FOS	HL3AMO
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N7XR	PY2FN	K1FEV	W8HC	K2XF	JA1JYE
NF1G	SV2AEL	K3VAT		K6EME	JA3KNN
NT5V	UN3G	K9YC	242	K8ME	JK1UNZ
UA0FO	UN7TW	N3KN	AK5X	N8SHZ	JN1NOP
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252			JR1MLU	WB7B	KM3J
DL7UPN	249	245	K4PB		KM6HB
G3NKC	CT1DOF	N0AH	K7FEL	238	N2NS
IZ4DPV	IZ8GGF	N2DPF	N3RC	EA1JO	N4GN
JA1BNW	JA6GPR	N5BO	N6HY	HB9MFM	N4HID
JF3PNQ	JA8FFM	N6UK	N6KZ	JE1PNX	N6IE
JH1ACA	JA8UIV	NZ3O	N7BT	JE2VLG	PA0TCA
JH4CBM	K7XB	W6DE	SM7IUN	JF0JYR	SV1HEP
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K6BV	N8OC			KA4RRU	W4GIW
LA5YJ	NU1B	244	241	KF7F	W5JAY
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N6RV	SM4OLL	HL2KV	AF5CC	N4PJ	WY6N
W1KSZ	W0RX	JA1CZI	IS0AFM	W4KA	YB2TX
W2ZI	W7AH	JA4VLK	IZ8FWN	WA4QMQ	
W7CA	W9RC	Ji6IHG	JA4ZA	WA6JA	235
WS9V	XE2D	JR3UIC	JF6XQJ	WB0TVY	EU1U
251	248	K0KG	JP1IOF		JE1IBI
9A4W	G3KWK	K1EFI	K1UU	237	K0VSH
AA6AA	HB9DOT	K1PL	K4RG	CT1BOY	K4QE
DL2RTL	HL4GAV	K1YR	KV1E	G0VXE	K5CWR
F1ICS	JJ1SKG	K4JJW	W3ABT	IW3GJF	K8ZM
JA5BGA	N4XP	K6EID	W5DNT	IZ5YHD	NW4M
K1SM	OZ1LCG	OE3HWC	W5QM	JA0LXP	OE2BZL
K4VIG		SP6A	W9EWZ	JF1LMB	W7YW
K8CW	247	W4REX	W9HBH	JH1DGQ	WB8CQV
N4SC	HL3DE	W5PJR		K8YYY	
N5UL	JA1DDZ	WA3F	240	K9NR	234
W1KDA	JA2XCR		7K1CPT	SM0MPV	DF7EE
W3FI	K6MKF	243	JA1DM	VU2CPL	DK2CC
W4SK	K8DV	CT1FUH	JR1WCT	W0JM	HB9JOE
	KM1D	CT3KN	KF0LA	W2XI	IK0LNN
250	N7DED	DS5TOS	N0ABA	W7YAQ	JA1EMQ
EA3EQT	UN3GX	G4XRV	NA5Q	W8UN	JA8XQI
EI6FR	VE3YV	JA2EPW	UX5UO	WA0ROI	JK1BSM
IZ3ENH	W2GW	JA7BEW	W0SZ	WB8B	K4MF
JA3WLN	WS5W	K4ZO	W8IW	WB8ZRL	KE8UM
JA8CJY		K8RRT		XE1RBV	N4HB
		LA6UL		YO3JF	N4OA

N6PSE	231	228	225	222	219
NV4B	AD5WB	F5LIW	DK5RL	DJ9SO	AG1A
W3WST	HB9BYQ	GW4TSG	EU1M	DL5XL	HL5BMX
WA4CEM	HC1BI	JF1RYU	JA3FHL	E77S	K1CA
WA5UA	HL2ZN	JH1ERJ	JA3QOS	EA5B	K3WC
	IW7DVM	JH2PWY	JH1UBK	F6ECI	K5JZ
233	JA1MZL	JR7GBL	JH8NQV	JA4FM	K9ZM
AA7G	JF2WXS	K4JC	K0OK	JA9NFO	KG6I
AA9GR	JH0AWC	K5FZ	K1JIU	JM1VRW	N1API
AJ4A	K2SN	KE5FXE	K1XV	K2AT	N1KC
CU3EQ	KD6UO	KS4S	K5YU	K6IPV	N6DX
EA4DEI	NA4EA	N6PM	KA8SYV	KJ7TEA	NA9RB
JA4HAW	W0FLS	RA3QUA	MU0FAL	N2SQW	W6GRV
JG1OGM	W0QQ	W2DXE	N9SF	OZ7FOC	
JG8FWH	W4UDH	W9FI	SM3LGO	RA4P	218
K8BN	WA4JQS	WB8K	W3MR	W6CYX	DL2NOM
K8EAB		WQ6Q	W5GZ		DL4NBE
N2FF	230	WV6E	W5TFW	221	DS4AOW
N2NW	DK6OR		W8UV	AA0MZ	I7PXV
N9BX	F6HLC	227	YO9FNP	EA2AAZ	JJ1QUV
NE3F	G3KMQ	DL2RUM		EA5RD	K1NTR
PY5IP	IK8VRH	G3VPW	224	HS1NGR	K6ZZ
SM0XBI	JA5NPV	I0MWI	EA7QW	J11NJC	K8NVR
W6RW	J11VVB	JA0DWY	JA2FSM	JR7FRW	K9JU
W6YOO	K1KA	JE1HRC	JA8NFV	K5DV	KE3D
WA8MCD	KB9DAK	K1GE	JO1LVZ	KU4XO	N4JT
WB2KSK	N0RN	K5GH	K1CBK	NY2NY	TZ4AM
WD8PKF	RA7A	K7KB	N3RW	RU0SN	VU2CDP
ZL4AS	SM7NDX	N4IQ	N7WO	WB0O	WA2NPD
	W8KEN	N6OJ	ND4V		WC4H
232	W8WVM	NF4A	NH6T/W4	220	
AC9EM	W9YE	W5SL	OE3KLU	AA6RR	217
EA1RT	WB2NPY	W6DR	RW4CY	DL4DW	AB4UF
I0JBL		W8GNM	SM7BHH	EA5DFV	DH0GSU
JA2VMU	229	WA2USA	SP6AXW	EI9FVB	JA2NNF
JA3BXF	AA3LX	WA9GON	VE3SKX	JA6AVT	JA7ZP
JA6CBG	AE0P	WC3W	WN6K	K1DJ	JG5RVQ
JH6DUL	AJ8MH	YL2KF		K4EU	KB5UNX
K0DD	G3LUW		223	K4MIJ	KI6CG
K1RV	IK2GAJ	226	AC9O	K5MT	N6QI
K4ST	JA2OLJ	DM2RM	AF2C	K6MM	OZ0J
KF7PG	JF2VAX	HA5PT	E21EIC	K7AWB	SV8DOU
KJ7M	JH1APK	HL2EIZ	EA7DUD	KB1DMX	W0TM
OZ1IKY	JK1VXE	I0OSI	I8MTQ	KZ9DX	W8CZN
RK4FD	K0HD	IK7FPV	IK2RZP	NA5Z	W9KVR
RQ3A	K3FM	IK8UHA	IZ8MBW	ON4ATW	
W2NRA	K4CMS	K2BA	JA1IAZ	PA3BWD	216
W2YR	KD1F	KX2A	JH1DGJ	SM0DSF	CX2CC
W3FOX	KI4DLS	N2KX	JR1VAY	UR4IOR	DJ3XG
W9PZT	N4NW	N5ET	KW4V	VE7TK	EA3CJ
W9ZCL	S51NM	N6BM	N1NU	XE2X	G4VMX
WV4TN	W1WC	N9AOL	N4ENE		HB9DQV
	WA1PMA	VK4CAG	W4PNY		IZ0NRG

JA1FJJ	213	JA1PBV	KK2M	XE1J	201
JA2VHO	9A1AD	JR2PZX	KV4T		AA8SW
K3NQ	DK3UA	KD8RQE	M0IKW	204	G8AJM
KR4W	DS3HWS	KE4UW	N9AKR	AG3V	GI4OWA
NA2AA	IK1IYU	S54A	OE1JIS	EA2AFV	JH1IED
NC4RB	IV3FFI	W5DM	ON4ANN	HB9DVO	K0MFI
PS8ACL	JA0EVI	W5THT	PY2RO	JH1OBS	K4YJ
TA1CM	JA1FVS	W5WP	RD9M	JJ6DGP	KK1W
VE7BV	JA3NHL	W7FP	SP7ICE	JR0QFA	LA9GX
W0SR	JR1EFG	WB4KTF	VK2CA	JS6TWW	N9UA
WB3D	K2AZ		W1MJB	K5FNQ	PY2GG
WS1L	K2RU	209	W4GE	KB5HC	RT5A
	K4JWA	7J1ADJ	W7NN	KD2T	W6AEA
215	K9GA	AH0U	W9QO	KE6V	W9IL
G4FKA	KK4OK	K0VM	YB0MWM	KM9E	
HB9EFK	KK9H	K5ALQ		KW4CQ	200
IZ0BVU	LA5SJA	KB4MRX	206	W4GP	CU3AN
JA4CZM	N8GP	NE6I	3A2MW	W7IV	HB9AGO
JE2UFF	NA2M	PU1KGG	HB9CRV	XE1L	HB9IIO
JH0OXS	W2KA	SM5BNK	IZ4DIW		IZ1JLG
JH5HDA	W8WEJ	W2/CT1GIF	JF1IRW	203	IZ8EKL
JT1BV		W3BJ	JH0BQX	F5NBX	JA0KJD
KF4NEF	212	W6DCK	JN1NBU	IK2RGT	JA3EY
KR6C	G4ZOY	W8HMK	K8NK	IZ0BTV	N1IA
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RN9N	JA1BWA	208	KI7AO	JH8NBJ	N9PGG
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W0TT	K2HAT	JR3VMJ	N4TOL	N4TV	
W1JGS	KU4BP	K0THN	N8BJQ	SV1FKZ	199
W4IS	PU2POP	K4CGY	NA9Q	W1DYJ	AA3TH
W6SL	SM5AOG	K4WES	W0KCJ	W5RF	AC0X
WE4S	SP5LKJ	K5RJ	W9DX	WA3FRP	AD4AA
WV9L	W5GA	KS4YT	WA3WZR		JH0RVY
ZL2AL		LB6KC	WA6G	202	K3SX
	211	N6PEQ		AA9RR	K4SX
214	IW0HQE	NW6S	205	DS5DNO	K4VNY
DJ3AS	JA3LDH	OH7TV	DL4LAM	HB9CXZ	MU0GSY
EA5AR	JJ1KZZ	W5FPT	DL6UNF	IK5BOH/2	N2RR
F4GVO	KK4OW	W6WF	HB9BNQ	JR4LZX	PY2WC
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K7LV	W5DAW	207	OH2IS	NU1O	
KB6CIO	W8OP	9K2BM	OH3OJ	W1AW	198
N1EN	WA3I	JE2EBT	VK3FM	W3NS	DJ0MCH
VK3BDX		JF1WLK	W7HR	W4RDX	HA7TM
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W6SHY	W6KK		188	I0LYO	NV4A
YL2TW		191	A65BD	IK0HBN	UA9AEU
YV5LI	194	AA4NC	EA7AN	IK0WRB	VU2IBI
	HB9ESS	DF3EC	HL4CCM	K3JM	W6SFK
197	HB9VAB	DG5LAC	JA0GCI	K3NF	W6TK
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BA4TB	JH1OCC	HA5CW	JP1GUW	NW7M	180
EA1DLU	JH8UQJ	JA1XRA	PY2RN	SM2EJE	A61BK
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LB5WB	W5VQ	W6AER	K2DC	183	NA5S
NG7M	W7MEM	WF1H	K4JKB	JA2KSP	NZ5O
TF3DC	W7PAQ		N9KW	JE4CIL	VK2HV
W1FA	WA1NXC	190	PB9FN	K3EA	VR2XYL
W4DAO	WE2N	AA4U	W8UQ	K3SF	W1LE
XE1H		AC4VM		K6LRN	W4DSM
	193	BV1EK	186	LU4FW	W5SUM
196	7L4VYK	DJ9KV	AA4LR	M0HIH	WV4V
CT3CD	AE4CW	G3WW	G4XEE	NA2U	
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RC2A	W8NN	WB4GLI	WZ4RC	K7LAZ	NY1V
SP3F		ZS1DX		KG4JSZ	SP5ELW
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W6HYI	F6FYD	189	JR0AMD	LA5LT	W4CCS
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WA2VQV	JA0CIU	IV3KCB	K7UT	N8NB	
	K5IB	IZ7AUH	KU8X	ND3L	178
195	K6XN	JA1SGU	N4HN	ON6KE	EA8AXT
CT1ELF	K9SG	JG1SWM	UN7BK	VU3CAU	G4DDL
JA7QQQ	KE0A	JH1FVE	VA7ZT	WV8DX	I4UUL
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	174	CT2GZE	SV1IZY	AG6HE	JJ1BDX
177	AG7N	DL5MM	W7VAS	CU3HN	JR6LDE
IU0ICA	DF8FT	F9CI	WA4NUF	EI5JL	K0ABC
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JE4RAL	JR3TOE	IZ5FSA	168	JA3AVO	K4GN
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SV8CKM	N5QS	KB0V	K2SY	KH6XT	N0AMI
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		WA4DOU	LX1CW	VK3TC	W1OK
176	173	WA5KBH	N4ST	VK6LC	W1XV
DL6NW	AB6CF		N6MB	W2FS	W8MIL
IK0CHU	AI9U	170	OE1ALW	WB2WPM	YO3DDZ
JA1ERB	DL5KUA	AD3C	R4FAN	WB9PNU	YO3IPR
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	172	NK7C	WB8BZK	NA2P	K2OP
175	EI1DG	NX4TT	ZS2Y	PT7DX	K4AR
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AG5CN	G3SBP	VE1OP	166	SP7QHR	N7QT
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JH6RTO	JA7FVA	WA4USA	KN4FO		SM3PHM
JO3WHB	K9UQN		KR4BD	163	VE1VOX
KF6HI	KL7TC	169	LA7EIA	AA4OC	W5BK
KK7YC	LZ1XL	4X6UU	SV2CLJ	AC4BT	W9GG
LZ2ZG	N3AO	DM3CW	W4PGC	AE4M	W18R

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159	DK8IZ	KH6M	WA6EZV	W3KB	JL6USD
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JP1LRT	JA1CCG	W8TM	AB2E	4O3A	N8JS
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JJ1KXB					

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VU2NXM	KG6D	KC1ERO	JA0CVC	136	KD2SC
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WA5NOM	LB2TG	W6HDG	K2JL	IS0EBO	N6XT
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JK1NPH	NN9X		K2CDJ	K5VG	YO3GJC
JL3DGI	OH3PYY	139	K2RKJ	S53MJ	
K1TKL	RL3BZ	AA4DD	K3HW	W7QHE	132
K3GGN	YO8CRU	HB9ARK	K4AU	WB3AVD	AK3E
K8OS		HB9DTE	K6IRA	WB6FWS	AK6I
N5UE	141	HL4CBX	N2KI	WB9IWN	IW5EIJ
NZ0O	7K3QPL	IK3DVY	N4KM	WO5I	IZ0COI
RN0C	9H1AE	JE3OUW	N9NFT		K0COM
UY2UZ	AC9S	K3GW	NU1T	134	K4BNF
WB9W	EI3ISB	K9QJ	OZ1HPS	AB0RX	K4WM
	F4DSE	KX4I	SM5CSS	AB1J	KG8OU
143	HB9EXQ	N0CKC	SP3EPG	DL4ZAB	KI7HO
AA4MM	IZ0FUW	N2SG	TA1AL	EA6AZ	KX5U
AF3X	IZ3XEF	N7NF	W2CG	IZ0GVZ	M3DFW
EA4D	JR3PKO	ZL3TE	W2GGY	IZ8DEO	N3TR
HB9AAA	K1XE		W2NY	JA6GXP	N4EDT
JA1MOD	K2HT		W4UEF	JH1SOD	N4QOG

NN3V	129	127	PY2OP	K9ARZ	DK3PZ
ON6ZV	AD6KQ	7Z1HL	TF5B	KB8DID	G0HSA
R9MJ	AE7U	DJ5DT	VE3TMG	KD9ZR	HC1HN
UW7UA	EI5GM	DL9GTB	VK5CE	KS4WA	JA9ALR
VU3WEW	JA0AVS	G8BCG	VR2VGM	N1HO	JR1HYA
W3KHZ	JA1PLT	I2YPY	W9COS	N8BK	K0HQW
W5FL	JA2ACI	IK2ULM	WA2BOT	NT4K	K0MD
WA1HXH	JA3WMS	JA0BES	XE3E	UT7KF	K4VAC
ZS1EL	JN1SUT	JE2VYM		W4NE	KB4ET
	K5SES	JG1LRE	125	W6ELI	KM4CQG
131	K7ORK	JH1HRJ	AC4XO	W6ND	KN9N
7L2QAD	KB4KBS	JJ1MNT	DM5JBN	W8PAT	N1ZZ
DL5EBE	KE7BMG	JP7FSO	EI7JZ	WW5L	N6VH
DM6MA	KF9LI	K0ARM	EI8GS	ZL3REX	N7UJJ
ER0FEO	KJ2U	K7LFY	G0OSK		N9ATD
GM4KHE	KO4PRE	KB8KIM	G4EHT	123	SV7CUD
IK1UGX	N9AVC	KF3N	IK8PGE	AE5FM	UT9LC
JE4KCN	NN2D	KK5ID	IZ8EYN	DJ6OZ	VE3FAC
K0QB	PY3OG	LA2LI	JH8FIH	DS4DBF	W0JMP
K0UBR	SM2YIP	N0AB	JP1GVC	E20YLM	W1ES
K9JDP	W4UAT	N3GTG	K2WJ	EA1P	W1HEO
KA5IAU	W7TG	N4GBK	K5NOF	G6NHU	W1KKG
N2RJ	XE1ILI	N5FEE	KK5J	IK0XKP	W5HNK
NN6K		NA1RL	N5RN	IZ8LMA	WA5YOM
OE3JAG	128	ON5EQ	N5ZC	JA0PZJ	XE2MX
PT2ND	A71XX	VE3EDY	NA7RH	JA1GLE	
SM7DXQ	DL9SAD	VU2MSA	NM1G	JA2HOL	121
W4EJG	EA1AHA	W0MF	NN6CH	K2JGL	AD5MD
W5EC	EI3IO	W2KNG	VK2DAG	K6LPO	AG4TO
	HL2DBP	WB2KSP	W4AO	KC2STA	DD0VE
130	HP3TA		W5CWQ	KD4EE	EA3NG
AA4QE	JH1AWJ	126	W6PG	KI0HA	HA2EQD
DL1SWN	JH1RFM	CU7AJ	W9CTJ	LX2SM	IK6BMU
I4JEE	JM1JIV	EI4HH	W9EBO	N6DVR	JA1CPN
JA2LMY	JN4FNZ	G3XLF	WA4TMJ	N7VZ	JA1EYN
JE1PHH	K6OJ	GM7NZI	WM4AA	N8AYY	JA1WTO
JH3PRR	K7PTC	IK4TVP	WR2G	N8IK	JJ5WDC
JL4BSE	K9YKL	JA5CDL		N9RE	K1EDG
K2MHE	N0JR	JA5XPD	124	NT9F	K1LTJ
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KF5WCP	UR9IDX	K7PO	EC4KW	PY2ADR	KB3IFH
KN4JX	V31CQ	K7YMG	EI8IQ	VE3VHH	KG5NP
N7TM	W0QD	K8GT	F5VML	W0XE	KK4ODQ
NS4F	W4MA	K9QA	G4RGK	W2WGK	KU2A
NU4Y	W5MF	KC5RR	IT9YOZ	WA7HR	N3ER
OZ6TL	W6IS	KK4CB	IZ1UKF	WB8TGY	N7TW
RC3FL	W8BI	N5HC	IZ5BYJ	YB9WZJ	NA2R
W1MO	W8WV	N8YQX	JG3KMT		ON6YH
W6OUL	WA4UWD	N9BVA	JH1XFR	122	OZ6EI
W6UC	WC4V	NX8Y	JM1LPN	AA0BH	TA1L
WB8RFB	WP4CQ	OH3DP	K3SUI	AA5B	UA0FDX
YB2IQ	ZS6AKU	OH4KRN	K6VVK	AB5YI	W0DD
YO8PS		PU4MMZ	K7HC	DB4RG	W2ARP

W3/NH7C	K3WGR	K0FF	E74A	W2ZK	GM0SCA
W3JXP	K4RM	K4AEH	EI5KO	W6GJB	IK4EWN
W4CC	K7LOL	K9LCR	HL4RBR	W8LR	IS0BQE
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WQ8T	SV1BYI	N8AGU	K8CR	113	K4HEB
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	W1ZK	VE7NY	KA5SYP	AK0A	K7RAN
120	W5IO	W3DQS	KB4CRT	EA5DPL	K9KDS
AA2T	W6ZPL	W3LWH	KB7V	F5EOT	KH6P
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AC4TO	WA8LRW	W4ARK	MM1PTT	G0UII	KS0JD
AE5LK	ZL2AO	W4DWS	N0TR	G4NAQ	KY6AA
AI2S		W4PG	N7PIB	G4YCS	N1TQP
CT7ABD	118	WB9WHQ	NA4MM	HB9GZE	N8AID
CU2CE	6K5AQY	YO6HOY	NW6V	IU8GNY	NQ4A
DS3DNT	AE1T		OE5MPL	IZ0CKJ	S51DV
F5AQB	CT1HHP	116	W3HKK	JA1UBZ	W1HQ
IK8IPL	DJ9KM	6K2ILX	W4BH	JA2CPD	W3WN
IT9JPS	IZ0RPS	AA0FT	W4OV	JA4CSJ	W4AFB
JA0JPD	IZ1JIZ	AB4BJ	W5WS	JA5SEY	W4LLP
JA1DCO	JA6CMQ	EA5GXI	W7FI	JH1GNU	W7CD
JH5OTE	JA7MWC	EI4BZ	WB4YDL	K1JKR	W9CSX
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K9CHP	K4KGG	JT1CO		K4JLD	WN1M
KD5R	K9KJS	K2GLS	114	K4TR	
KJ6Y	KA5JSM	K4LCP	F4GTB	K5WRE	111
LU3XX	KB3KJ	K8JRK	F8EZE	K9DUR	EI2FG
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N3GS	KD9BIE	K9GWH	HC1HC	KC0V	F8DZY
N5ZY	KX6C	KB8ZUN	HK6K	KC9WPS	JH1IYY
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ZS6NK	117	VY2RU	N0YO	W6BBS	PT7CB
	CE3FZ	W7KKC	N1AH		TA2RC
119	EC7B	WA4VJK	N3DD	112	W2FDM
AA4FU	IS0BZR		NA1DX	3C3CA	W5GCX
DL2VWR	IZ7QFN	115	NG4DX	7Z1CQ	W7WT
F5BAR	JA9KA	AA9WO	NG8T	DS3EXT	WB8PKK
HL2MHU	JM3GXU	AF7WM	NK5K	G0DTX	
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AC0B	M0M0CV	VE7VV	AB1NS		7N4OBV
AF8C	N4LS	W4DVG	AB6WQ	105	AA2WC
CT7ANG	N6RVI	W6CN	AB7RW	AA2F	AA6XV
DK4MX	NN8L	WB1S	AC5AA	AI1W	CT3DZ
EA1BLA	NW6R	WB5ZAM	AC7DX	AJ6V	EA4EJP
EI9HX	NX1P	WC4B	AC8IL	AP2IA	EI3HA
G4VWI	NZ3M	WF7T	DS2GOO	DL2DCX	FM5FJ
HG6IA	NZ7Q	WT2P	EA3AGY	DL9GTK	G0DRM
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JF2OHQ	PV8DX	107	F6FHZ	F5VIF	HA5DI
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NG0G	DL2AMD	KA4LBD	KG6WIK	K6ME	KE4YOG
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	K3DQB	RM6LW	NI7F	N4LSJ	OZ9U
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AC8TO	K5NV	UX5XK	PT2DF	NK7L	VK3MB
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JH4GNE	KO4XI	WL7OU	W0LGQ	WK3A	YB1BUL
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K0FD	N2IFA	WU1U	W4/KL7GLL	YU1LD	ZS6HON
K2OO	N3YZ	ZP6CW	W7GB	YV4EH	
K6JAD	N5FPW		W7YED		103
KB7DT	N5TW		WA3IIA		AF8P

DS5JMG	K2DH	JA5JUG	YO6BHN	KA4H	W4JDS
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EI9GLB	K4HR	K3AXB	100	KB6IGK	W5PD
FM4LV	KB1AWM	K3LA	2E0XAR	KC2NJ	W5YKU
G4ZWY	KW1X	K5HX	A41ZZ	KD0KZE	W6KF
JE1TNL	N2CJN	K7BWC	A71EM	KD1DT	W6OZI
JF1KIG	N2FY	K7GA	AA7UN	KE1IU	W9KM
JI1FXS	N4IR	K8PGJ	AB8YZ	KE8NOA	W9ZT
K0BRO	N8KOJ	K9GL	AC0DH	KF5MDZ	WA2ALY
K0OOK	NA4D	K9MQ	AD4J	KF5TL	WA2VJL
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K3PIN	S51MA	KE9UA	AK4AO	KI0G	WB0RXQ
K3TXW	SM0XG	KJ5RC	DB6VH	KI4PG	WB2ZEX
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KR4U	WB7QBS	N9MR	F5JWH	N2YU	XE2AD
M0UPL	WD6T	NC8I	G0GFC	N3NVA	YB6LAY
NB3R	WD9IOK	NJ2X	G0OJG	N4GOA	YE1AR
NI5G	WF4W	NZ1I	G8GFF	N5CR	ZS6CR
PY2YW	WN9A	OZ5JQ	G8GNI	N5LJL	
VE7XT	WX0B	PA3AIN	GW0KRL	N5LKE	
W1USN	XE1SAX	R2ARR	IK7NXU	N7WFK	
W4CU	YB0EIN	RZ6MJ	IZ4IRO	N7WR	
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W8EH		SV4FFL	JE7KCI	N9MKC	
WA6URY	101	TF1A	JG3LDD	NE3K	
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WB2UFF	AB2NI	UA4PK	JR4VEV	NX6D	
WJ1B	AB4EJ	VA2GA	K1AJ	OM2AGN	
YB1ALL	AD7L	VK4BUI	K1HC	OV2B	
ZL1IM	C31MF	VU2OT	K1JX	PV8AJ	
	DD9WG	W0ZX	K1PTF	PY5VC	
102	DL3XAC	W2PD	K2UF	R2AB	
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E70X	G4GEE	WB5KSD	K5LLA	VR2PX	
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HB9MZI	IK2HLM	WQ1H	K5PSN	W0PPA	
IZ7QSS	J68HZ	WU6K	K5VSD	W1HS	
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