

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 03 Dec 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.

348 K2TQC SP5EWY	K5UR KF2O N6AR NN4T	SM3NRY W1DIG W7UT	OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK WB6RSE WK3N	PY2SP PY5EG SM5CEU SM6CVX UT5UGR W0DJC W9RPM
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA IK1GPG JH4IFF N0AT N2TK N4CC OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF JA2JPA JR3IIR K1ST K4HGX K8SIX VE3XN W0BV W2YC W3LPL W9IXX	334 DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JL1UXH JQ3DUE K1OA K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	332 AA7A DF4PL EA5RM GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA2KVD JA4DLP JG3QZN K0IEA N2LT N6JV NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
346 N1DG SM3EVR W9ZR		336 AA1QD G0JHC JA1WPX JA5AUC JH4UYB K2FF K4XP N3XX N5ZM PE5T W0MHK W1YY WD5COV		
345 HA0DU JA2VPO OH1XX				
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE W2LO			
	339 CT1EEB JA1UQP JA5EXW K5RK N4CH N8DX		333 DJ8NK F6AOJ F6DAY G4OBK HA5WA JA1HGY JA6BZI K6YRA N4AH PY2BW	331 AD5A DF2RG DJ9HX EY8MM F6BKI IK8HJC JE2URF JH1GZE JH1RFR K4MWB
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	338 G4BWP I4LCK JA3FYC K9NU PY4OY	335 AG9S I4AVG JA1BK JA4LKB JA5AQC JA5MHD N0XA N5UR		
342 JR2KDN K4DY				

KD5M	328	WP4U	EA3GP	KX4R
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LZ2DF	DK5WL	325	JF1KKV	OE6MDF
PY5HOT	DL7MAE	EU7A	K6FG	OE8RT
SP3E	IZ5EKV	HB9DHK	KF0QR	SM6DHU
VE3FF	JA1SJV	I5NPH	LA7HJA	SV1FJA
W5OZI	JH2FXK	IZ0AEG	N5TY*	UT7UJ
W8UVZ	JI2KXK	JA2FJP	N8RR	W4FC
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	SL0ZG	JH8RZJ	SM6DHF	320
330	SP9DWT	JL1RUC	SP7VC	AA8CH
AA1ON	W1ECT	JR3GWZ	UA3AB	DM5EE
DJ2YA	W2IRT	JS2LHI	UT9FJ	G0BLB
DL1AMQ	W5FKX	K9EU	W7AO	I2EOW
EA7TV		K9IR		JA1ANR
EI7BA	327	K9YY	322	JA3PIS
HB9AMO	AB4IQ	R5AJ	CT1BH	JO7WXN
I4MKN	CT1APE	SM4EMO	CT4NH	K1LD
IK4BHO	CT1IUA	SM6CCO	EA2IA	K4EM
IK6DLK	DL2OE	SM6CMU	F5PAC	KQ8M
JA1ADN	EA1YO	SP1S	IK4GME	NE1B
JA3EMU	EA5BM	W1RM	IK8YTA	UY5ZZ
JI4POR	I4EWH	W3LL	JA4FKX	VE3EXY
K3WC	JA5WIZ	W6RLL	JJ2LPV	W3KX
K4CN	JE2LUN	W9OP	K2UO	W5WT
K4ZYU	JF1WPB		K7NN	W6XA
K9CT	JH0INP	324	KU0A	YV1DIG
N4JF	JI8DGO	DK9KX	N4DW	
N8JV	K0DEQ	DL5DSM	N4NX	319
N9IW	KW9A	FK8CP	N4PQX	DJ4AX
NR1R	N2BJ	G0DQS	OE1WEU	DK1FW
OK1MP*	OE2LCM	G4CCZ	OH1LEU	EA8AKN
RA3CQ	PY2YP	I0WDX	ON4CD	HB0CC
SP7GAQ	RZ3AM	IK5PWQ	PA3EWP	IK4DRR
W3NO	SM2GCQ	JA2BDR	R7DX	JA9TWN
W4UM	SM5CZQ	JA2DPC	SM5KNV	JI1DHY
	SP6M	JJ3PRT	UA4CC	JR7VHZ
329	SV1RK	JR2LJO	VE1DX	K6AM
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IT9DAA		K5KC	W5CIA	N4QS
IV3JVJ	326	K5MC	W5TCX	ON4AOI
JA2JW	EA5BY	KA9CFD	WI8A	UA3AP
JA7KY	JA9APS	KV7K		YO3APJ
JA7MSQ	JE1SYN	N1NK	321	
JH1TWT	JF3KON	N4II	AA4V*	318
K0EU	K5EK	N8BM*	G3TXF	A45XR
K1HTV	K8PT	OE8HIK	HB9BIN	AA4HP
N5AW	LU2NI	R3OK	IK2YCW	DL6KR
NI0G	N3NT	RV3LO	JA0GJJ	G4PWA
NO8D	N7RT	VE2TZT	JA1XEC	JA2JNA
OZ1CTK	NK1K	W8OI	JA3AZD	JA4EPE
R4GM	ON4IQ	W9OL	JH1IFS	JH4JNG
SP6CIK	OZ1AXG	WB4TDH	JH3CUL	K2TE
SP8NR	SP5DIR		JH3VNC	K4IQJ
W5XX	SV8CS	323	JH4ADV	K5BG
WA1JMP	W8DCH	AD1C	K2VV	K5DU

LA2PA	AB6QM	JH1NYM	KC7V	W5ADD
PY5EW	G3VKW	JR1BAS	LA9AJA	W6ENZ
R3VA	HA1RB	JR1BLX	NS6C	W9MU
RA7A	IZ1LBG	JS3CTQ	RA0FF	WA8WV
RW3RN	JA6VQA	K0KX	RL9F	WE9R
SP1MGM	JA8RJE	K4SO	SM2OAN	
SP3CGK	JA9CWJ	K5XI	SP6HEQ	307
YB5QZ	JN3SAC	K6KLY	W0YG	A65BR
	JR2BJE	K8FL	W4BP	DK2JX
317	K8NVR	K9US	ZS1LS	F2JD
AB3CV	N5OK	KG4W		I5HOR
AB9V	NN4R	LA7JO	309	IK0XBX
DJ5FI	OE3EVA	LB8DC	JA1EOD	JA2XW
DK2NG	ON4IZ	N2NL	JG4AKL	JA3GN
DL5WW	PY2NQ	N4TL	K1AR	JA6WJL
HB9HFN	SM3VAC	N8KOL	K2UU	JJ3HGJ
JA2IVK	SV2DGH	ZS6EZ	K8QM	K2SHZ
K2RW	W9RN		K9ZO	K9RX
K6YUI	WB0TEV	312	NN4SS	LU8EKC
K9MM		AA5AM	NU8Z	NI6T
KE9L	314	F3SG	R9TO	OE5RLM
UX1UA	CT1DKS	JA0CRI	RU3DX	W7DO
W6VX	EA1N	JA1SYY	RX3AGD	W7OM
WA7NB	EA6VQ	JA1VSL	UA4LY	W9JA
WD0DAN	G3NDC	JH1QAX	W2JU	WA5VGI
WX4G	IZ8FFA	JN1BMX	YB1UUN	ZS2DL
	JA2AH	JR6FC		
316	JA2ZL	K1HT	308	306
AC4G	JH1AGU	K3RA	DL2CHN	9K2OD
DF2UU	JR4OZR	N1IBM	F4BKV	DL1KUR
DL6CNG	JR9LKE	N5ORT	HB9TKS	DL5EBE
G0OIL	K2LS	RU3QR	HK4SAN	HB9DDZ
HK3W	K5AQ	SV1CNS	IK4ADE	I1EIS
IK2QPR	KB0EO	UT2UB	IU7QBB	IK4PLW
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JA1XCZ	MD0CCE	W8HW	JA2WYN	JE2LPC
JA5XAE	OE1AZS	WD9DZV	JA7IC	JR2UBS
JA8EAT	OE1ZL		JA9GPG	K5WAF
K1BD	SM4DDE	311	JE2EHP	KD3CQ
K3WA	SV1DPI	CT1FMX	JH1SJN	R8TX
K4HB	SV1JG	IK0PEA	JK1GOK	R9FM
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KG8P	UX0FF	JA4MRL	K0KVR	UN7JX
N5DG	WB8BPU	KM4H	K8OM	US5WE
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UA3DPM	313	OZ4O	KI0KB	W5XC
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W7MO	CT1GFK	UR0MC	KS1J	
W9ILY	I3BUI	WB9CIF	N8TR	305
WA2VYA	IZ2AMW		NQ1K	AJ6T
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YS1RR	JA1GRM	HB9SLO	SP9JZU	DJ4XA
YU3AA	JA5IU	JF8QNF	UR5EDX	G5LP
	JA7JWF	JG3FEA	VA5DX	JA1IOA
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AA5AT	JG3LGD	K8AC	W2QO	JA7BWT

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K3XA	W4QN	UA9FAR	295	KD0PO
K9NW	W5VY	VE3BW	DL1DUO	N2LM
N9AU*	WD4LBR	WA3AFS	EC3A	N7IR
PA5TT		XE2CQ	IW0SAF	PY2IQ
RA9CMO	301		JA1BPA	S55DX
SM3NXS	AC0A	298	JA1FQI	WA4FFW
	AE5E	5B4AHJ	JE2DZC	
304	HB9BOI	DL7BA	JH4ALY	292
DJ9ON	HP2AT	JA4ITW	JM1FHL	DL5CW
DK5AD	JA0DIN	JA5BEN	JN1RQV	E72A
HB9CEX	JA1LSP	JA7MYQ	K0BBC	EA5AT
JA9FAI	JA1SVP	JL2JVX	K1GG	G8DX
JE1DXC	JE1LFX	JR7WFC	K4XD	HB9BAT
K7WP	JG8FWH	K2PK	K5VIP	HL3GOB
K8GI	K4SE	K8EUR	K5ZK	IZ0RVI
N7US	LA5LJA	N4RWG	N7TY	IZ3ETU
N9RS	MM0EAX	ND0N	RM0F	IZ8VYU
UY5AA	RN3QN	PY2VA	SM5FUG	JA3ENN
	UN6T	ZL1BYZ	SP8HKT	K5DHY
	WB5JID		SV1GYG	K7ZD
303		297	W5LT	N8II
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G3LZQ	DL1TRK	JE7JDL		W6SR
HB9DDO	DL4CF	JG0CQK	294	
HL3IUA	EA1AF	K3FRK	AI9L	291
HL4CJG	EI2GLB	K6ND	AJ9C	4Z4DX
IK2RPE	HB9CQK	K8WK	EA6NB	EA6ET
JK1EXO	IW0HQE	KG7H	HA5VZ	G0EHO
K6SIK	IZ5RVG	KT1J	HA9PP	HB9RYZ
K7ZA	JA2ATE	W2GG	IK0HFO	JJ1TKN
KB1JZU	JA9AA	W6YI	IT9CVO	K4ZO
LA3WAA	K8GG	W7ZJ	JA1XPQ	KP2A
OE5BWN	K8TL		JA5SUD	LA5HE
OH8LXT	K8VFX	296	JE1GWO	N2TN
RL3FA	PA3CSR	AA4R	JH1BAM	N7RO
RW4NN	VU2PTT	AA8OY	JR1DUP	PY2KP
SM6CUK	W3OA	AD6W	K7ZV	VE3CFK
SP2BMX	W3RJW	CT1DOF	KD0Q	W7BEM
SP3IBS	W6TC	EV1R	KZ4V	W8TN
SP7HOV	W9AJ	GM0AXY	N0KV	ZL4TT
SP7ITB	WA9PIE	IV3YYK	RU6L	
SV2AEL		JK1TCV	SV3DCX	290
W0VX	299	K0KT	W3JX	AA4A
W1SKU	4X6ZK	K0TPP	W9FR	DS1JFY
WT8C	DM2DXA	K3PA	YO2CMI	I4KDJ
	EW2A	K6FW		JA1KQX
302	HB9RG	K8VC	293	JA1QXC
DJ5JH	IK5RUN	LA8PT	DL1HRN	JF1NZW
F5CQ	IZ4MJP	LU4FPZ	DL1SMA	JH3GCN
G3SVD	JA1JAT	N0RB	EA3WD	K1DG
HL2IFR	JA7LGE	RA3QK	G4GIR	LA2QM
JE8CLT	JJ1DWT	SM6BZV	IW1QN	LU3CQ
K4MS	K9SM	SV9COL	JA2CXF	PP1CZ
ON6AA	KB8VAO	UA6YW	JA3EOP	RD3AW
PY7DJ				

S57AT	WA6F	JH3SIF	JA6TMU	K2AJY
SK3PY		OE2GEN	JH1HHC	K8UT
SV3AQR	286	OH4UI	JN7DOS	N9RD
UN7LZ	AB5A	SM0CCM	JR6LLN	ON4CAS
UN7TW	CT3HF	SM6CTQ	JR7FRW	SV1FJP
W1EQ	DL2VPO	W2AY	K0TT	UW2ZM
W2LK	IK0AGU	W4FQT	K4WNW	W1KSZ
WB9EEE	IZ8XQC	W5ODD	N2JJ	W1YRC
	JA2FGL	W8BBQ	PY2DS	W2PP
289	JE3ENP		SM0NJO	W3BW
DL9TJ	JH1BNC	283	SM5CZK	W8RLS
JA8EJO	K1LPS	DF2GH	UT7UV	
JA9FPI	K1RO	JA1RTX	VK3HJ	276
JA9IFF	K5PS	JL1XMN	W8LGJ	DK3WW
JG1WSC	N8SNM	K3WW	ZS4TX	HB9LCW
JH4GJR	UR5WA	LA0FA		IZ5BAM
K3UL	VE1JBC	N6TA	279	JA7FWR
KK0M	W3GQ	OE8SPW	AA6AA	JA7LMZ
LA3MHA	W6PJ	OH1JP	HK1MW	LA9VFA
R0FA	W8AXI	OH1ZK	HL4GAV	N5MOA
RA1QD	W9MJ	ON5UE	JA2XCR	ND4X
VE3EK	WN6W	W1LW	JA8DNV	NK0S
W9YSX		W6BJH	JE8TGI	OZ1LCG
WT4Q	285		JF2XGF	RX4HZ
	CU2DX	282	JH7BKN	SM5CLE
288	DL2SWN	K1DT	JK1UNZ	UN3G
CT3MD	EA3GHQ	K5UO	JO4CFV	W1ZT
JA2JRG	EA5KA	K8ROX	KF2DT	W2OIB
LZ2JE	HL2WA	PC3T	KQ4AV	W5GO
N4LR	IK8VRH	SM4CTI	VE3DZ	
N5LZ	IZ8DFO	UA0BA	W4UCK	275
N6UK	JA0PE	W4OX	WB2BIN	AB4SF
UA3AGW	JA2IYJ	WA3C	WO7R	JE1BMJ
W1YIF	JA2VMU	XE1KK	WS5W	JG1OGM
W2LE	JR8AMF			JI3CJP
W2NO	K1USA	281	278	K1CA
W3FOX	K6GXO	AD5Q	9A4T	N6PSE
W8AV	K6PJ	BA4RF	EA8RR	N7KA
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ZS2EZ	LA8HGA	EA5OX	F2NH	PA7RA
	N8LJ	F3AT	JA8LRG	WA0MHJ
287	OE1WHC	I1FQH	K2UR	WA0RVK
9M6YBG	PE1L	IZ8FDH	N4HB	XE1MEX
AA8LL	W1OPD	JH4HMG	N9ISN	
AA8R	W9HBH	K0GD	SM4AZQ	274
IV3GOW	WK7E	N2WB	VE3CRG	7M4AOE
JA9NLE		N5GH	W4MAY	EI6FR
JE2OVG	284	OZ1IKY	W8MHW	EW1KP
JF2WGN	7K1PTT	SM5ENX	WF2S	IW0HOU
K0AZ	DL6JZ	W0LS		JA8ZO
K5RT	EI9FBB	W8HC	277	JH1IAQ
N3VA	GM3PPE	W8KEN	EU1KY	JM1GHT
N8PW	GM3YOR		F5PBM	K3PT
R9SA	IZ3ENH	280	F5UJK	K6UM
SM5ARL	JA0DET	CT1EAV	IZ4DPV	K8DV
W1VT	JA8CJY	JA3XNH	JA8EOT	KA8SYV
W4YCH	JG3SKK	JA5FDJ	JH3KAI	KA8ZPE

KS3F	IZ8EJB	W9OO	JA7HRM	DK3PZ
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RA5BM	JM1HJG		JR3UIC	G3UAS
SV9AHZ	K2SN	267	JR4LNG	IS0AFM
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W3ACO	LA9GX	HB9MFM	N1EN	JA3FHL
W7MEM	N4UOZ	IV3VBM	N1GC	JH2PWY
	NN4X	JA2QXP	PA7TWO	K2FW
273	UA3TT	JA6QHQ	SV1CQN	K7LJ
CT1BWU	W1MK	JA7BEW	VE6AX	KM1D
DH2PC		JA8UIV	W5PF	LA5SJA
JA1KPH	270	K5VWW	W6TMD	N9UA
JA2TBS	AA4FL	K7XB	WV4TN	OM8FR
JA6BEE	BA4MY	K9FN		SM7CQY
JA6GPR	DK8MCT	SM5BMB	263	WA5LFD
JM2RUV	EA1KY	W6DR	DK4TP	ZS6WB
K4RG	F6HLC	W6RS	EA3CJ	
KA1ERL	F9XL		EA4DL	260
KI5BLU	IW7DVM	266	HA7UW	AA9A
LB2TB	K0BJ	EI8IU	JA7XBG	EA8MT
N4IG	K7UA	IK0UTM	K1KO	EA9IE
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OZ1ACB	PU2POP	NU1B	KN6KI	JA0KJE
OZ4VW	SM7IUN	PZ5RA	N1RR	JA2FBC
RW7M	VE6LB	RA4CA	N7BT	JA3VPA
VK3BDX		SV1HEP	NA5Q	JH3FUK
W4HG	269	VE3YF	NF1G	JH4ADK
W8QZA/QRP	HB9IQB	W0FLS	W0GG	JJ2WOC
	IK7FPV	W7YAQ	W2XI	K1ESE
272	IK8EPC	W8MET	WA4LOX	K8YSE
AF9H	JA1OVF	WB2GAI	ZS6NJ	LY1G
DS5ACV	JA1VLK	WB3LHD		N1SV
I5OYY	JA4VLK		262	N6MZ
IK5PWN	JH3FHQ	265	CU3EJ	NT5V
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JH1OBS	K2KA	G3WPH	JA8BAR	SP6A
K1UU	K6EME	JA1VRU	JK1VXE	TG9NX
K6IPM	KR0P	JA3WLN	K8AV	WS9V
K7EG	NW7E	JA4FM	LA6UL	WV8DX
K8BL	OM4EX	JE2RDO	LA9FFA	
K9MBQ	SM5FWW	JH1ACA	N3RC	259
KB1EFS	W5DM	JR1WCT	N8OC	CT3KN
KI4GE	YB1AR	K0DD	NK4L	DJ8NT
N2DPF		K2CBI	NX0I	EW1BA
NV9L	268	N5KM	W5ZG	HL3DE
OE5FIN	DL9FCY	N9JV	W6NWS	JA8BNP
PA0ZH	HB9BUN	SP6JIU	W7LGG	K2UFM
SV1ACK	JA1IAZ	VE3SKX	W7QDM	NI3P
W2OO	JA1NWD		W9PZT	PY5CC
W3AP	K6BV	264	WA3GFM	SV1FKZ
WA1S	KD4W	4Z1UF	WB8ART	VK4CAG
WL7E	N2AJ	EA1KP	WQ6Q	W1KDA
	N5JB	F6DBX	YB2DX	W7AH
271	SM6BGG	HB9DHG		
4X1RU	W0JM	IK4AUY	261	258
IK2DZN	W2FV	IZ0NRG	7K1CPT	CU3EQ

DK7YY HI8R HL3AMO JA9AGN KH2L SA0AQT US0YA W1SSN W5JAY W9EWZ ZL2IFB	K1FEV KR4F N1RK N5BO VR2XMT VU2CPL W2/CT1GIF	OH7TV W2GW W2ZI W7CA WA4CEM WA4JQS WV6E	JH1APK JH8GEU JJ1QUV K9NR KF7F N0RN N3KN OZ5NJ SM4OLL UN3GX VE3YV W0RX W6JZ W8IQ W9RC WB8K XE2D XE2X	IV3KFB JK1WSH JR7GBL KB6CIO W1KMA W3ICM W5ZO
257 AF4HX DJ0UT EA1JO EA7SG EB3CW HA5PT IK2PZC JA6OXT JE1PNX K1SM N1API N6HC PY2MC RU1AB SV1VS W3FI W8MJ	254 BA7IO CT1BWW HB9EFK IZ5YHD JH1VUO JH2VVH K0GW K3SEW KI1U LA5YJ NE8P UA3O W7HPW WB4KTF	251 9A4W DL2RTL JA1DDZ JA1EMQ JA1SKE JA5BGA JE1VTZ JH1DGJ K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B SM5FQQ W2JLK W2TB W3ABT W4SK W5GAI W8OP	248 AK5X DS5DNO EA4DEI EI2HY G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG K3EA KF9UG N4QWZ N4XP N6KZ SV1IW W8IW	245 AC9EM AJ8MH G3KMQ HB9JOE JA3QOS JJ6DGP K5IB KF7PG N0AH N2NW NZ3O OE3KLU S55ZZ YB0NFL
256 BH4QYX DH0GSU EC1A FG8OJ GU0SUP IK4HPU JF2VAX JH1RGG JJ1BMB K4JJW K6EID M0TTB VK3NX W6DE W8JRK WB7B WV9L	253 AC9O FG4NO JA6IVR JA8XQI JE1HRC K6MKF KE1F KM6HB N7XR NH6T/W4 UA0FO W6RW W8GNM WF4U YB0COU	250 6K5YIA EA1RT HA7TM HB9EBM JH3GFA JH6PFY JL1MWI JR0EQQ JR5JAQ K1KA K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN W7IU YL2KF	247 AA7G CT1FUH K1PL K3VAT KH6M N7DED NA9RB OZ7FOC PY5IP S51NM W7IB W8CZN W9JJB	244 G4FKA IK8UHA JA1CZI JI6IHG JN1NBU K0KG K1YR KK1W W0QQ W4REX W5PJR W9FI WA2USA WA3F WA8MCD WC3W
255 AI6Z EA5RD F6ECI HC1BI IV3TMM JK1OPL	252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JF3PNQ JF6XQJ JH4CBM JL1BYZ JR1VAY K1EFI K5FZ KB9DAK N6PM	249 AF5CC HL2CFY IZ8GGF JA8FFM	246 GW4TSG HL2EIZ I0JBL	243 DS5TOS G4XRV JA2EPW JE0ART JS6TWW K8ME W1BR W4PNY WX2U
				242 EI9FVB HB9DVO JA4ZA

JH1ERJ	IZ1JMN	K1ACL	233	K5CD
JH1WJR	IZ2FOS	K2RU	AA9GR	KC9K
JR1MLU	JA6CBG	KM3J	AA9RR	N4TOL
K3NQ	JA7KE	KS4S	AJ4A	NY1V
K3WWT	JA9NFO	N4GN	DS3HWS	W2KA
K4PB	JE2UFF	N6IE	EA5AR	W8WVM
K7FEL	K2XF	OE2BZL	JA3NHL	W9YE
KJ7M	K8YYY	PA0TCA	JH1SOD	WB2NPY
LU6ETB	N8SHZ	W0HBH	K8BN	
N2NS	WA6JA	W2YR	K8EAB	229
N6HY	238	W4GIW	KK9H	AA3LX
NF4A	IK2GAJ	WA1PMA	N9BX	AE0P
PA3BWD	JA0LXP	WY6N	NE3F	DL8SDC
RC2A	JF0JYR	YB2TX	SM0XBI	JA2VHO
241	K9GA	235	W2NRA	JA7QQQ
AB5C	K9OR	EA5B	W6YOO	K0HD
E21EIC	KA4RRU	EA7QW	WB2KSK	K3FM
G8AJM	M0CSD	EU1U	WD8PKF	K4CMS
JA6AVT	N4PJ	JA0KJD	WE4S	KD1F
JH1UBK	N5ZC	JE1IBI	232	KI4DLS
JP1IOF	SV8DOU	K0EOO	EW4C	N4NW
K1XV	VU2CDP	K0VSH	G3XLF	N9JR
K7KB	VU2DCC	K4YJ	HL2ZN	NE6I
KV1E	W3MR	K5CWR	JH0OXS	UR5FEO
N4OA	W4KA	K8ZM	JH6DUL	W1WC
N9SF	W5LO	N2FF	JR3VMJ	YB1TJ
W5DNT	WA4QMQ	N4IQ	K4ST	228
W5QM	WB0TVY	NA5Z	K5FNQ	7J1ADJ
W8FIB	ZL4AS	NJ7G	KB1DMX	AA0MZ
WB8CQV	237	NW4M	N3PS	F1RAF
240	CT1BOY	TA1CM	N9PGG	F5LIW
G7SSE	G0VXE	W2DXE	NY2NY	G3SBP
IW3GJF	HB9CXZ	W7YW	RQ3A	JA1OVD
JA1DM*	JH1DGQ	234	W6CYX	JE2KSM
JA2FSM	JR0QFA	DF7EE	W9ZCL	JF1RYU
JF2OZH	K1RV	DK2CC	231	JF1WLK
K4QE	K2NV	HB9BYQ	AD5WB	K4KGG
K9JU	LB5WB	HS1NGR	DK6OR	KE0A
KE8UM	SM0MPV	IK0LNN	IK1IYU	KE4UW
KF0LA	UN9L	JA2OLJ	JA1MZL	KE6V
KZ5DX	W6AER	JE2EBT	JH0AWC	RA3QUA
N0ABA	W8UN	JH5HDA	KD6UO	VR2CH
N4HID	WA0ROI	JK1BSM	LZ2XF	227
PY2GG	WB8B	JR4LZX	N8HRZ	DF8FT
SM3LGO	WB8ZRL	K0VM	NA4EA	DL2RUM
SP5LKJ	YO3JF	K4JC	SM7NDX	HB9HIT
UX5UO	236	K4MF	W4UDH	I0MWI
W0SZ	HB9DQV	K6ZZ	230	JA0DWY
W8WEJ	HB9ZS	KE5FXE	AH0U	JK1SQI
W9LN	IK2DUW	KX2A	G3LUW	K0IL
XE1RBV	JA1HOM	ND4V	JA5NPV	K1GE
239	JA1JYE	SV8CKM	JH7WQX	K2TER
AG1A	JA3KNN	W3WST	J11VVB	K5GH
DJ9RR	JN1NOP	W9MO	K2SY	N1NU
		WA5UA		N6OJ

NA9Q W4DEE W5RF W5SL WA9GON WC2K	K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W7NN W8LMG WB7BBQ WN6K ZS2Y	K5DV K5ZQ KU4XO RU0SN W0BM WA0WWW WB0N	TZ4AM W3BJ WA2NPD	DJ3AS F4GVO HB9VAB JA7DPC K0QQ K2AZ LU4FW N9KW PY2RO SP7ICE W0KCJ W4WN WB6BFG
226 DM2RM I0OSI JH1IED JQ1YIW K2BA K2HAT K2SD KK0DX KK4OK N2KX N2SQW N5ET N6BM N9AOL NG7M VE7TK W7HR W9DX WB0O	223 AB4UF AF2C EA7DUD HB9HBZ I8MTQ IK0WRB IK2RZP IZ8MBW JR0AMD K0NV K6IPV K9TF KI6CG KV4AA KW4V N4ENE WC4H	220 AA6RR DL4LAM EA5DFV JP1GUW K1DJ K1NTR K1TZQ K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR	217 IK0CHU IT9ODQ JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH KK2M KU4BP N6QI OZ0J W0TM YO3IPR	213 9A1AD AG3V DK3UA IV3FFI JA0LFV JA1FVS JE4RAL JG1JPE JG3RWX JR1EFG KD4SN N6PEQ N8GP NA2M* SM7GIB VK3FM W1LE
225 DK5RL DS4AOW EU1M JA0EVI JA4CZM JF1MTV JH8NQV JL3OUW K0OK K1JIU K3SF K4JWA K5YU MU0FAL N0ODK NA2AA W0FG W5GZ W5TFW W8UV W9KVR WE1P YO9FNP	222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT KB5UNX KD2T KS4YT KU8X RA4P VE7BV W5THT W5UQ	219 AA8SW F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5JZ KG6I KI7AO KR2Q KR6C KX4TT N1KC N6DX W5GA W6GRV WA3I WW8W	216 AC4VM CX2CC DJ3XG I1YDT IT9AAI K7LV KK4OW KR4W LB6KC NC4RB PS8ACL W0SR W5VQ WB3D WS1L	212 G4ZOY JA1BWA JA3LDH JJ2KDZ JR2PZX K3SX N4FN SM5AOG VK5GR W5DAW WW2DX WY1G YL2TW
224 JA8NFV JH1OGT JO1LVZ	221 EA2AAZ EA2AFV IZ1JLG JI1NJC K1NJ K4CGY K4MV	218 DL2NOM DL4NBE G4VMX I7PXV K5ALQ KE3D N4JT SM7WVZ	215 9H1EJ AA7XT DS4GKF HB9IIO I5XFD IZ0BVU JT1BV KF4NEF KO6KD N8NN RN9N W0TT W1JGS W4IS W6SL WA6HBR ZL2AL	211 JJ1JMZ JJ1KZZ JO4JDU JR1JGA KT2C M0HIH N1BY VR2XLN
214 3A2MW				

W6UC
W6WF
WA9BZW

210

AA4LR
CU3AN
JA7FAS
JH6RTO
KD8RQE
N8BK
ND3L
NU1O
PY2WC
S54A
W5WP
W7FP
W9IL
WK8A
YB0DJ

209

JE1PHH
K0LB
KB2FCV
KB4MRX
K08SCA
N4TD
N9XX
PU1KGG
SM5BNK
W6DCK
W8BLA
W8HMK
WB0ULX

208

7N3IJT
DL4FAP
HP2NG
JH0NOS
K0THN
K4WES
K5RJ
K9SG
KC2SST
KK8MM
N2ZA
N4SV
N6ZN
N7WS
NW6S
W1FA
W5FPT
WA6G
ZS1J

207

9K2BM
DG5LAC
JA7MAD
JE3EDJ
K6ZP
KE1VT
LA6OP
M0IKW
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NN9X
NW7US
OE1JIS
ON4ANN
RD9M
TF3DC
VK2CA
W1AW
W1MJB
W4GE
W6KK
W9QO
YB0MWM

206

AG5W
CT1HHP
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IW9DNI
IZ4DIW
JA4DNC
JA6ENL
JF1IRW
JH1FVE
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KK5OQ
KK9T
KW4CQ
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N8BJQ
NJ1H
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WA3WZR
WI7P

205

AC9S
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JA4DHN
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JA7MNF
JO3WHB
K4YYL
K5VR
KT4AC

KW1DX
N2KI
OH3OJ
WA4MME
XE1J*

204

JA0CIU
JF1KML
JL1GYZ
JM1SZY
KB5HC
KM9E
N7ELL
VU2IBI
W4GP
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WB8BZK
XE1L

203

7L2QAD
DF3EC
F5NBX
IK2RGT
IZ0BTV
JA7JPZ
JH8NBJ
K0CS
K1VI
K4GO
K4JKB
K8YE
K9OW
KA1DJ
KL7TC
KM7R
N4TV
N6PAT
NN5E
W1DYJ
W3BNN
WA3FRP

202

BV1EK
DL8DWL
IK5BOH/2
JR1IZM
N8WD
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

GI4OWA
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JA2MNB
K0MFI
K2CYS
N4PYI
OH2LHE
PP7LL
RT5A
W1OP
W6AEA

200

HB9AGO
HB9FBG
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IZ8EKL
JA3EY
K1ZJA
K3NF
KC6JAM
KM4VI
N1IA
N4HN
PY3VB
VK6LC
ZS1DX

199

AA3TH
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HI3T
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JI1WLL
JR7ILA
K4SX
K4VNY
KI4WCQ
MU0GSY
N2RR
NC2Y
ON6KE
PB9FN
V51YJ
W9RXJ
WB4YDL

198

AG7N
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K7PT

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KZ1W
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RA3BL
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W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
EA5HM
IV3AVQ
K6TAR
K8SIA
KD1AB
W2CQ
W4DAO
W4HZ
WF8R
WQ5R
XE1H

196

AA4UC
CT3CD
DF2UA
G1VDP
HB9ESS
I7LGM
I8YAV
JA1XRA
N2GZ
N3QE
NA9A
SP3F
SP5MXZ
W3ML
W5AAJ
W6HYI
WB5NHL

195

CT1ELF
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K4KEW
KE4S
KF9AF
N3XM
NA6MG
NN2D
OH6NIO
SQ7FPH
VE3YXO

W3SB	IT9IPQ	SM4BZH	VA7ZT	IZ4AIB
194	JH1FNU	W4AEJ	W0QC	JA1SZN
A65BD	JK1AJX	W5SUM	W2WG	KY6R
EA1WH	JP1LRT	W6DPD	W6RKC	N1HO
EA5ZR	K1RI	YB4CHP	WV2I	N6VS
JK1DDG	K8QKY	188	184	N8AYY
K1LT	KF2OG	AE4M	AD6ZJ	NM1G
KP3AH	N4DWK	EA7AN	EA5RU	NV4A
KR8T	N7MQ	JA0GCI	IK0HBN	UA9AEU
NJ3K	NK7C	JH7NTW	JA7FVA	W6TK
SP6EIY	NO0B	JS6SCC	K3JM	180
VU2LBW	OV5O	K2AX	N5FEE	A61BK
W4DC	OZ7DN	K2DC	NW7M	AA4AK
W5UHQ	VK2HV	N2ZZ	SM2EJE	DK1NAL
W7PAQ	W5IP	N7VPN	UT7KF	EA2AGV
WA1NXC	W8UQ	OZ9XU	W0MS	JH1IZR
XE1R	WB4DNL	PY2RN	W6BK	K8SL
193	WF1H	W0PE	WB2HJV	NA5S
7L4VYK	WI8R	WV4V	WB3BFC	TF3JB
AE4CW	190	YO2DFA	WB5STU	TF3VS
DH3KM	AA4U	187	WX0Z	VR2XYL
I4UUL	DJ9KV	4X6KJ	YB1RUS	W4DSM
IZ5MOQ	EC7B	AF6PK	183	WA6EZV
JA0AXV	F4DSE	IK8GJR	IU0ICA	WC0W
JA1QIW	G3WW	K0KV	JA2KSP	179
JA3PRM	HL4CCM	KM4NS	JA3UNA	DL5MHQ
K1JD	JA2ITK	N6VNI	JE4CIL	IK1ZNM
KM1C	JA3AVO	UN7BY	K6LRN	JA1BON
LZ2ZG	JH8KFE	W2CG	LA7EIA	JA3EEM
N3AIU	JJ2UDK	W5BK	N4MIK	JH1XFR
NU4B	K5RKS	W5ZE	NA2U	JK1JAS
PY8WW	K5TN	XE1YD	YB2TS	JR3ADB
SM5ELV	K7UT	186	182	K4OY
SP5IXS	K8ZT/QRP	K1BZ	I5FLN	K4WZ
W8NN	KD0AA	K5EWS	I8LWL	K9GWH
WA9DU	N6MXU	K5QX	IU8IYE	KB7AK
WB6CJT	OT1A	K6EGF	JA6SQR	KE5TD
192	SM0BYD	KC6X	JJ1CQA	KJ6NZ
F6FYD	VA3OKG	N5QS	K5DCW	KZ2R
IZ7GIT	W2OR	W8RV	K7LAZ	N3KV
K6XN	W9ROG	WA5IPS	KG4JSZ	SP5ELW
KJ4UZU	WA8LRW	WB9W	KL0S	W0UC
KJ4YLO	WB4GLI	WZ4RC	KS0JD	W0ZS
N4XYZ	189	185	LA5LT	W1HS
UR3EO	I0LYO	AD0K	N8NA	W4CCS
VA2IG	IV3KCB	JK7LXU	N8NB	W4TUN
WQ5T	JA1SGU	K0KP	NZ5O	W5JMW
XE1EE	JG1SWM	K3PP	VU3CAU	W8QXR
YB1TQL	K3HW	K9AQ	W2NY	178
191	K6UXO	KE5BR	W6SFK	AA8KY
AA4NC	KY5I	KQ4EE	W7WZ	EA8AXT
G4XEE	N2MEE	OZ3SM	181	G4DDL
HA5CW	N6NU	UN7BK	EI3CTB	GM4KHE
	RM3DA			IW0BYL
	RN3CT			

JA1ERB	K1ROA	KM4HQE	169	HL4XM
K1ZE	K4WY	LZ1XL	AC0DQ	JG3KMT
K3VAR	KD4POJ	N3AO	DM3CW	JN4FNZ
KL7TS	KF6HI	N5PA	JA1KXT	JR6GHN
KU1T	KN7D	N6VH	K8ZZU	K0FLY
N4ST	N7NG	N7GCO	K9OT	KN4FO
N6DHZ	NS3L	SP5ES	KI2D	KR4BD
OZ1HPS	UA1OM	W1ASB	N4BAF	SP7QHR
W7HUY	UA9AGX	YB4IR	N4MI	SV2CLJ
WB6AXD	YB1RKT		N5MT	VA7DX
		171	N6MB	W4PGC
177	174	AA5N	RD3BD	W8SAX
4X6UU	AG4Q	AD3C	SV1IZY	WA1ZIC
IW8CGX	DL5KUA	CT2GZE	WA6QGH	WA5NOM
IZ2EWR	HB9HVG	DL5MM	WB8EKG	WB3JFS
JF1LZQ	JE4KCN	F9CI		YO3AIS
JG3KLF	JL6USD	JJ1BDX	168	ZL3RJ
K0PX	JR3TOE	JQ1PCX	A92IO	ZS6IR
K2JL	K1XE	JS6QOM	AB4GE	
K2MK	K5CR	K2TV	EW1P	165
K3OX	K7STO	K4NTO	JA0PZJ	AG6HE
KF4VTT	K9HQM	KB0V	JA1PVX	CU3HN
SM5CBM	K9UQN	KC5LK	JA4FKO	EI5JL
SP9IZV	N7NW	KP4DKE	JH1ORA	HK3PJ
VK2AAH	W5WI	KW4J	JH3EQP	HL1VAU
W0IKD	W6FL	N8WRL	K0PC	IK0XIH
W0JW	WA4BIM	ON6MX	K0RAR	JE4WOK
W1AO	WA4NUF	VU2MSA	KF0RQ	JR1KBJ
W4KVS	WB8QZM	W0MU	LU8ADX	JR6LDE
WD8KND		WA4DOU	LX1CW	K3VPZ
	173	WA5KBH	OE1ALW	KG4CUY
176	AB6CF		R4FAN	KG5NP
DL6NW	AI9U	170	SV1XV	LA2XPA
F4FLF	DM6MA	DL2JIM	VR2MY	N1QY
G4AYU	HB9DVZ	EA3HDZ	WA9IVH	N2RJ
JH8FIH	K6UNE	EI5KO		N3KS
JR1FHP	K8JE	EI6AL	167	PT2ND
K7CTV	KI6MQX	JA1GVT	JA8BOV	RA0BA
KK7YC	LA9VBA	JG1GJH	JE3FOR	RL3BZ
KT8D	N7HN	JG1RYQ	KA5JSM	VK3TC
KW9U	N9ATF	JK1BIB	KB8NTY	W2FS
LA4JGA	N9DR	K6JJ	KD3HN	WB2WPM
N1JP	N9IO	K7CU	KE3X	WB9PNU
NG9J	NA6O	LA2GH	KH6XT	WC4X
OH3PYY	NC7B	LB7ZG	N1ZJ	
VE1VOX	NX2X	N3WD	N4PL	164
W4LEW	SM0EUI	N4VN	N8JS	AC4BT
W9WO	W2PD	N6EM	N8OQ	CT3DL
WA3GNW	W4DTA	N8VV	PT2ADM	DL7JRD
WD4IXD	W7VAS	NJ6W	PY2SEX	EI6IZ
	WA7BNG	NX4TT	WA0SXV	IZ0GVZ
175	WY7FD	VE1OP	WA5NFC	K6CF
AG5CN		VE2YG		K6GFJ
EA6UE	172	W0OGH	166	KA1API
IW1PUR	EI1DG	WA4USA	AL7R	KB7QFE
IZ0CKJ	G6MXL	YO4AUL	DL1SVA	KD8MQY
JE3PCP	K5TA		GM7NZI	N2XQM

N7WI	161	N4VG	HB9HHH	153
NA2P	HB9GWJ	NE5S	IZ0FUW	HB9BEM
PT7DX	HB9MXJ	NF7D	JA1CCG	JA3UOQ
S50B	HL3ERJ	OH3DP	JA2ODB	JR7MAZ
W6SIY	JP7FSO	VA3NXM	JA9RT	K0YL
W9CSX	K2HT	W1EBM	JH2AJY	K3GO
163	K2OP	WD5BJT	JL3DGI	K8ROK
4O3A	K4AR	XE1MW	JM1LPN	K9MMS
AA4OC	KM4A	158	KA9OKH	K9UWY
AD5MD	N7QT	9J2BS	N5QZ	K9YZ
AI4QQ	N7VZ	G4SGX	N7RD	KF9LI
DS4NPL	NA6XX	IK1UGX	NK7Z	KK4XL
EA1AZ	OK2ZDL	IK3DVY	PY2CP	LA2IR
F4CPF	SM3PHM	IW0ECV	W1MR	M0MCV
HA5BSW	W5RDW	JJ1KXB	155	N0VVV
IK2ULM	W6DOE	K4HQB	5P5Q	OH3FVP
JA0MRW	W9GG	K8GWU	DK3QM	SP5NON
JA4GXS	160	KB2XJ	F6KOP	W3DIY
K0ABC	E70T	KC3AK	G0THF	W8OM
K0CF	JA1ITJ	KF7NN	IV3TDM	W8VK
K4GN	JA1UOA	KJ7NO	JA0EBV	WB4SON
K4SAF	JF3VEC	N0SL	JA6SUY	152
KE1B	JG2LGM	N4XMX	K2DF	AC6BW
KO4PRE	JK1EBA	N6MM*	K4EZY	AK9B
KW4MM	JK1NPH	N7JB	K4WM	BX5AA
LA1CO	JM1JZN	N8TFD	M0IFT	DF2WF
N0AMI	JR1CAD	W0JMP	N8IK	DU1KT
N4KM	K7LY	W8LIG	NH6L	G4AFJ
N7KDT	N0IW	WB2RAJ	NO9E	IK5BSC
N9LEO	N4MEC	WB9ZNZ	NU1T	K2EK
R3IS	N5WA	WT2P	OE1HHB	K4RDU
SM7CZL	N8IL	157	UT7EC	KD2OV
VA2LC	NI5F	AB2E	W5SV	KE9S
W1OK	W1TO	E20YLM	YB1AYO	N9GKE
W1XV	W9FF	EI2JD	154	ON4LG
W4PGM	YO8CRU	JA0NZR	AC8TO	R9JX
W8MIL	ZS6RJ	JA1UBZ	AJ8B	W6RFF
WB9B	159	JA3MHA	DS5WQT	W7JET
XE2YWH	AA3AZ	JE3OUW	HB9ARK	YV4DYJ
YO3DDZ	CT1ESO	JG1XBM	JA0GZZ	151
162	DD0VE	JH2NWP	JA1IHD	DF1IR
4F1OZ	DK8IZ	KN7Y	JA4HXF	DL4KUG
AB1J	EA1P	N4QM	JA8ANQ	J68HZ
BH4IGO	IK0WMJ	N9AZZ	JE6PJP	JA2BUR
DJ7JC	JA0ED	N9MB	JH1AQN	JE1COB
DS3EXX	JG1WNO	NJ6K	JR3QHJ	J13BFC
HS8KAY	JH1BHW	NZ3M	K5DXR	K1IG
JR4CZM	K0IO	PY1NS	KC1ERO	K1QN
K0SRL	K1EDG	W3HKK	KL7NW	K3GW
KC4HN	K8EB	156	NE5W	K4DET
NP3CW	K9QJ	EA3HPX	W4CIR	K7LAY
W4NBS	KM2O	G4FTC	W5TMC	K9AAA
W8FN	LA8ZAA	G8BCG	W8TM	KE4BKL
	N1MD	GM3WIL	WA9MAG	KE8G
	N4GBK		WN7J	KK4CLY

N7MB	UA9MC	N6RK	K2OO	140
NU4I	W1DAR	N9MR*	K6LPO	AD9DX
SM0NUE	W4DWS	NJ1Q	K9BQL	EI6JK
VA3EJN	W4MA	SM3DXC	KE4FW	K0UBR
VA3HP	WA1EHK	TF4M	KG6D	K3HPA
W3HER	WF7T	VE3NKS	KJ2U	K4AU
W5WLA		WA2MUA	KJ4R	K5GZR
W6WA	148	WA3SKQ	KN7K	K6EV
WA9JWL	4F3BZ	WW8RT	LB2TG	K6GCN
WC2C	A71AM	WY9V	N2YBB	K7VC
	AE0MO	XE2B	N4UP	K7YMG
150	AI6P	YB1BML	N7ZA	LA8PDA
DK3BK	F5NNN	ZS6UT	TG9AJR	LZ2HM
DK3FB	IW5EIJ		W4JVN	N2TC
DL9SAD	JF2AIJ	145	W4UFO	N7TW
EI5GM	JR3PKO	5T5PA	W7VS	NR0Q
IT9ABN	K5LY	AA5TL	WX2CX	NS0D
IW7EDZ	KA3GWD	AC7JM	WY0V	VE3NJC
IZ2MHT	KB8ZUN	AL7TC		W5VU
JA7GZM	LZ1MDU	DL1MEV	142	W9BS
JR7XOD	VE6TL	EA4S	AA4DD	WB1ASL
K5HK	W4AFB	EA7LS	JA1PUK	WW6G
K8WHA	W4AG	F1OBJ	J11UHZ	YB3MM
K9RT	W8VI	JH1CTV	K2CJ	
KI7M	W9GM	JJ1OKK	K3GT	139
KX5U	W9MAK	K5FXB	K9UO	F5VML
N0TK		KQ5M	KA6BIM	F6FHZ
N6JOJ	147	KS0M	KO4DKI	HB9DTE
NM4SH	AB9KZ	N6KK	KV7N	HL4CBX
NZ6N	EI7GY	NS4X	LA1J	K0QB
ON6ZV	G3VQO	W3DQS	W8WV	K2IRM
SM0BSO	I4JEE	W7NP		K2WJ
VU2NXM	IS0/YO3RA	WR7Q	141	K9TRV
W3KB	JJ0LZQ		7K3QPL	KX4I
W4IDX	JK1OTP	144	9H1AE	N0CKC
W4NE	K3GGN	AD0TR	EA1T	N2SG
WL7OU	K5UZ	DL6DCD	EI3ISB	N5RN
ZS1C	K8MRT	GM0VIT	HB9EXQ	N7UJJ
	KB1HY	K1TKL	IZ3XEF	PY2OP
149	KB9LIE	K7QBO	K2JK	R9MJ
7N2JZT	SV8RX	K8OS	K4RM	TA1PB*
DS4DRE	VE3FAC	N5UE	K5VG	ZL3TE
ER0FEO	W3NRJ	RN0C	K8RCT	
JA0JPD	WB8TGY	TF5B	K9AAN	138
K2KIB		UY2UZ	KA5SYP	AC5AA
K2RET	146	W0AIH*	KA5VFU	DL5KUT
K4TXJ	AE5B	WX3P	KE7BMG	DL5ZB
K9EXY	DM5JBN		N5JED	G0FWX
KD4EE	EA4D	143	SV2JU	JA0CVC
KM2E	HP3TA	AA4MM	W1ITU	JA1VRY
KP4DS	JA3KWZ	AF3X	W1NA	K2YSY
N0STL	K6NR	DB4RG	W3IZ	K6CW
NE0U	K8ARY	EI7JZ	W5GOL	K9BO
NU4Y	K8POM	FM5DN	W6HDG	KC9G
NZ0O	KB9AIT	HB9AAA	WK9U	KF6A
RT0F	KM8AM	JA1MOD		KU9S
TF3Y	N6FS	JF2RSF		N0LD

N3PV	DL6WM	133	WA1KXV	128
N9BVA	GM5YTT	7J1ABD	ZS1EL	A71XX
OD5YA	HZ1GW	DG1SGW		EA1AHA
OE6BME	JA1DCK	DL8OH	131	EA3NG
PV8ABC	JA3MIO	G4NBS	JH1IIY	EI3IO
V31CQ	JA7MWC	GM1BSG	JK8VMB	F4GTB
VE3MSC	JJ1HLL	HB0WR	JM1CMA	HL2DBP
W0UHL	JL2ULM	HK4EB	K0ARM	JA6NQT
W4EJG	K3WGR	JA5IBP	K7GA	JH1AWJ
WA1LAD	K4OP	JM1JIV	KA5IAU	JH4GXE
WA5POK	KC3RKW	K6ME	KB3IFH	K6OJ
	KC9WPS	KC2STA	KD2NF	K7PTC
137	N5JEY	KG6WIK	N0AKC	K9YKL
DL2RD	NX8Y	KI4TZ	NG4DX	KC2WUF
G3PSM	S53MJ	KR4DA	NN6K	KD5R
HL1MKT	W3UNX	LA9KY	W2FDM	KG2U
JH1SBE	W5IO	N1BKB	W5EC	LU6XQB
K2CDJ	W7QHE	N5EI		N0JR
K2RKJ	WA7HR	OH4KRN	130	R3BB
K6IRA	WB1DX	OH7HM	AA4QE	TF3MH
KP4N	WB3AVD	VU2ABS	DL1SWN	UR9IDX
N9NFT	WB6FWS	W1GY	JA2LMY	W0QD
NI4Y	WB9IWN	W3MF	JH3PRR	W5MF
OE3JAG	WO5I	W6OUL	JL4BSE	W6IS
PY3OG		W9SE	K2MHE	W8BI
SM5CSS	134	WA6MRK	KI0HA	W9EBO
SP3EPG	AB0RX	WB1S	KN4JX	W9TO
TA1AL	DL4ZAB	YO3GJC	N2YF	WA4UWD
W2GGY	EA6AZ		N7TM	WC4V
W4UEF	IZ0FYW	132	NS4F	WP4CQ
W9MR	IZ8DEO	AA4FU	OZ6TL	WQ1H
WA0WOF	JA5SEY	AK3E	PU4MMZ	YB0AZ
WA5YOM	JA6GXP	AK6I	W1MO	ZS6AKU
WG0G	JR0GXA	I8NLC	W9CTJ	
WS1F	JR1HYA	IK8OZV	WB8RFB	127
YB2IQ	K3KY	IZ0COI	YO8PS	7Z1HL
	K7FL	JA9KRO		AG4TO
136	K7RAN	JF2OHQ	129	DJ5DT
AC9GK	K7YZO	K4BNF	AD6KQ	DL9GTB
G0OSK	K9JDP	K5SES	AE7U	EA4TX
IS0EBO	K9SUH	KD3UY	DS4EJA	HB9TJG
KB8KIM	KA9JCP	KG8OU	JA0AVS	HK6K
NT5EE	KD2SC	KI7HO	JA1PLT	I2YPY
NT9F	KF5WCP	KK5ID	JA2ACI	JA0BES
ON5GF	KN4OK	M3DFW	JA3WMS	JE2VYM
ON5RKN	LB5GI	N3TR	JH1RFM	JG1LRE
VE3FRR	N1AH	N4EDT	JN1SUT	JG5DHX
W0ANZ	N6XT	N4QOG	K7ORK	JH1HRJ
W4GH	NC6RJ	NN3V	KB4KBS	JI1MNT
W4PV	PA0QRB	ON6YH	KN4WOJ	JJ2VLY
W7KKC	SM3WMU	SM7DXQ	N9AVC	JR1LZK
W7SX	SP2LLP	UW7UA	SM2YIP	K2GW
WX2K	W2KNG	VU3WEW	VK5CE	K7LFY
	W4UAT	W3KHZ	W4BH	KF3N
135	XE2AD	W4MC	W7TG	KS8W
AA5H		W5FL	WU7X	LA2LI
AB4FH		WA1HXH	XE1ILI	N0AB

N0DL	KK7BR	JH1RVQ	JA1WTO	N4UFP
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N3GTG	NN6CH	K2JGL	J15WDC	NR2D
NA1RL	SM5AFU	KC2THY	K1LTJ	VE3QAA
ON5EQ	W0XE	KG4OJT	K3CWF	VR2ZXP
VE3EDY	W3ATV	LA2XNA	K9MQ	VU3RGB
VU2TMP	W4AO	LX2SM	KK4ODQ	W1RG
W0MF	W5CWQ	N1GFV	KU2A	W5RYA
W3KN	W6PG	N6DVR	N3ER	W6GJB
WA2BOT	WA4TMJ	N9RE	N5ZY	WT5L
WB2KSP	WM4AA	OH3TY	NA2R	
WB9TFH	WR2G	PY2ADR	NA4MM	119
WC2L		SV7CUD	NY4G	DL2VWR
	124	VE3VHH	OZ6EI	F5BAR
126	7L3SQL	W2ARP	PP2FN	HL2MHU
AB9BH	DJ3EJ	W2WGK	TA1L	JA6JYM
CU7AJ	EC4KW	W4UT	TA7AZC	K7LOL
DS3EXT	EI8IQ	YB9WZJ	UA0FDX	LU9DO
EI4HH	G4RGK		UR5FLN	N5SIX
IK4TVP	IT9YOZ	122	W3/NH7C	N8LCU
IU8GNY	IZ1UKF	AA0BH	W3JXP	ON8PHD
JA5CDL	IZ5BYJ	AA5B	W4CC	SV1BYI
JA5XPD	JA3AOP	AB5YI	W4KCM	SV2KF
K2GLS	J11DMH	DS4OMS	W7PC	VK7AP
K5KDX	K3SUI	G0HSA	W9MB	W1ZK
K5WRE	K6VVK	HC1HN	WA7HQD	W3MRL
K7PO	K7HC	IU4BJC	WQ8T	W6ZPL
K8GT	KB8DID	JA9ALR	WT3Q	W8EOG
K9QA	KC2NJ	K0HQW	WU9D	ZL2AO
KC5RR	KC4AA	K1AJ		
KK4CB	KD9ZR	K3DQB	120	118
KM4CQG	KE8NOA	K4VAC	AA2T	6K5AQY
KS4WA	KK4TKJ	K7BWC	AC4TO	AE1T
N1GNB	KV8P	K9KJ	AE5LK	AJ6X
N5HC	N0YO	KB4ET	AI2S	DJ9KM
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VK2DAG	W0DD	N6DW	DS5QLJ	JA2KPW
VR2VGM	W6ELI	N9ATD	F5AQB	JA6CMQ
W7FI	W6ND	UT9LC	IK8IPL	K5KEW
W9COS	W8PAT	W1ES	IT9JPS	K9KJS
XE3E	WW5L	W1HEO	JA1DCO	KA9JAC
	ZL3REX	W1KKG	JH5OTE	KB3KJ
125	ZS6NK	W5HNC	JJ1XVA	KD9BIE
AC4XO		W6HB	K3QB	KG5VK
AF8C	123	WF5I	K5TU	KM6WXB
EI8GS	AB4BJ	XE2MX	K9CHP	KX6C
G4EHT	AE5FM		KJ6Y	KY6AA
IK8PGE	AI5EG	121	KM5VI	LZ1XZ
IZ8EYN	DJ6OZ	5H8HZ	LU3XX	N3HYB
JP1GVC	DS4DBF	AK0A	N0TR	N8KUS
K0MD	G6NHU	DL7UGO	N0UCR	NA9L
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K9ARZ	IZ8LMA	IK6BMU	N2SO	W4VG
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WB5TOI	VR2IL	WD0AJG	K0XM	DK4MX
ZS2I	VY2RU	WN0L	K4HEB	EA1BLA
	W0LGQ	WT9U	K4ZMV	EI9HX
117	W1HQ	YB2BNN	K4ZRJ	G4VWI
AD7L	W7WES	ZS4JAN	K8CJY	HB9BEP
CE3FZ	W9JJ		K9KDS	HG6IA
F8EZE	W9LU	113	KH6P	IZ1EPM
HB9MZI	WA4VJK	AB1NS	N0OK	JF3KOA
IS0BZR	WW5RC	DL2DCX	N8AID	JH1FRW
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JA8WGX	115	EI2FG	NZ7Q	K3MSB
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JM3GXU	AF7WM	F8GB	W1USN	K4RP
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KA4AHU	JA0NPQ	HB9GZE	WD8LTM	KF8PD
KB2S	JA3KKE	JA2CPD	WF4W	KN6HIP
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KP4ED	KB4CRT	JG0HEW	ZL3PAH	N3YZ
KZ1X	KB7V	JH1GNU		TF8GX
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VE7NY	NE1RD	K4JLD	AK4N	W7YED
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W4ARK	NW6V	K7MO	EI9CN	W9GFB
W4PG	OE5MPL	K9DUR	F8DZY	YB1SKR
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YO6HOY	W4OV	KB1OIQ	HB9ECS	ZS5LEE
	W5WS	KB2TGU	JA4DLF	
116	WB4MM	KC0V	JA5EEU	109
6K2ILX	WJ5K	LU3JVO	JE1TNL	AA4RX
AA0FT	WS4H	S52R	K2KYH	AC8AZ
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G8GHD	AC0W	VK7ZE	K9JIG	F5DBT
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JT1CO	I0BJV	W6BBS	NT5O	JA1IAW
JT1DN	JA1CPU	W7CD	PT7CB	JA1QEY
K1EO	JA8EIA	WB2UFF	PV8AJ	JA9IWR
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KC1RET	K3PL	7Z1CQ	W8PE	K6JAD
KD5RBU	KB1W	DL5FAC	WB2AA	KB3Z
KQ5S	KI8AE	G0DTX	WB8PKK	KB7DT
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N2ZL	NA1DX	GM0SCA	XE1ZTW	N4LS
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N4KEB	NK5K	IS0BQE	110	N6RVI
OE6CLD	W0QKL	JA4RED	AC0B	NN8L
RW6MBC	W2ZK	JF3AHI	AG5Z	NS7K
SM1NJC	W8LR	JH0LME	CT7ANG	NW6R

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PV8DX	BG8PA	G0OJG	K0MB	N1FOJ
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VU3WUA	EA2BFM	IZ4IRO	K8FB	N8TEM
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W5SG	IC8XIL	JJ1IRS	KZ4EX	OM6CI
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W7VP	IZ1XBB	KA1CTL	LZ1JZ	PY2YW
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	JE1CTA	KD2RUY	N9APK	RV4LC
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DB9CR	K6DLB	N4DJT	PV8RR	W9GXR
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DL2AMD	KA4LBD	N6UOZ	W1MRH	WB7QXU
DL2NAI	KB0EL	N7MW	W1PY	WF8Z
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DU1IVT	KF6XA	N9ZJ	WD4OHD	YB1BUL
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EA5XV	KJ4FZ	NI7F	WZ9B	ZS6HON
G5CL	KR4U	PT2DF	YU1LD	
IK1RKN	LU5OM	PY2OC	YV4EH	103
JA2DCN	N0MHL	UA0ABB	ZS1IS	AF8P
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JH1OVY	NC7M	VE3XK	104	EA2RY
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KJ4SKO	W5HY		G0DRM	K1FBI
KO4XI	W8JA	105	GW0ANA	K2RNY
KW1X	WB2BXO	AA2F	HA5DI	K3PIN
LU2AH	WB2MKX	AI1W	HB9BMY	K3TXW
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N5FPW	WU1U	E29TGW	JA1RBY	K4SAW
N5TW	ZP6CW	EA4E	JH1MYJ	K6XJ
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NJ2X	106	EI8JB	JQ2MPJ	K9WMS
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VE7VV	AC7DX	G3LOJ	K1TWF	KP4DDY
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W6CN	DS2GOO	HL4GHT	K4WW	M0UPL
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WB5ZAM	EA3AGY	JE6UWU	K7UW	N8URE
WC4B	EW4DX	JJ2BLV	K8WVA	N8XS

NB3R	WN9A	VU2OT	K1HC	OM2AGN
NI5G	XE1SAX	W0ZX	K1JX	OR4K
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VE7XT	YB9AY	W2GHD	K1XO	OZ9GA
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W2SUB		W3SW	K3NO	UR8IDX
W4CU	101	W4PM	K3RRR	VA2EU
W7KHZ	AA9D	W6OU	K3WSU	VE1JF
W7UV	AB2NI	WB5KSD	K4GM	VE3KKB
W8EH	AB4EJ	WM5H	K4KYN	VR2PX
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WC9C	C31MF	WX7B	K4RSA	W0RMS
YB1ALL	DD9WG	XE1AO	K4TMG	W1MJC
ZL1IM	DL3XAC	YB8HZ	K5LLA	W2MW
	EA4OR	YO2OXD	K5MMH	W4CG
	EA4UV		K5PSN	W4DFU
102	EA8TZ	100	K5VSD	W4YR
4X1VF	G3VDB	2E0XAR	K5YE	W5YKU
5W1SA	G4GEE	9M8DEN	K7VL	W6OZI
AC0XY	G4PUQ	A41ZZ	K9EA	W9KM
DB2WD	G8GNI	A71EM	KA2F	W9ZT
DL4FDM	HB9PUE	AA7UN	KA4H	WA1W
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IZ7QSS	IU2LFP	AD4J	KB6IGK	WA2VJL
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K1MDA	JA5ALE	AE4VJ	KD1DT	WA3YZD
K2DH	JA5JUG	AF9W	KE1IU	WA6VZN
K2DW	JK3NSD	AK1P	KF5MDZ	WB0RXQ
K4HR	K0GEO	AK4AO	KF5TL	WB2ZEX
K4KZM	K3AXB	DB6VH	KF9EX	WB6RAB
K6BLG	K3LA	DC1TK	KG4IYS	WB6RJH
K6JAV	K5HX	DK1MCS	KI0G	WD1M
KA8HDE	K8PGJ	DK7GH	KI3O	WD4GZW
KB1AWM	K9GL	DL3ANK	KI4PG	WI0E
KG5POL	KB5YN	DL5JH	KK6MF	WK7W
KO3F	KC3OPI	DS4GQR	KL2R	WM4D
N2CJN	KC4ZA	EA5PS	KL7XO	WM9Q
N2FY	KE9UA	EI2HQB	KR4Q	WU1T
N4IR	KJ5RC	EI4DQ	LA4EI	YB6LAY
N8KOJ	KU4A	EI4GJB	M1EMC	YE1AR
NA4D	LA3ANA	EW4A	N0JX	ZS6CR
NN5O	M0PTZ	F5JWH	N0KM	
R9GM	M5LRO	G0GFC	N0VTZ	
S51MA	N4PF	G8GFF	N1KI	
SM0XG	N8ERL	GW0KRL	N3NVA	
US8ZAL	NC8I	HB9HFM	N4GOA	
VK2GR	NZ1I	IK7NXU	N5CR	
W1GF	OZ5JQ	JA7PKV	N5LJL	
W4GHW	PA3AIN	JE7KCI	N5LKE	
W7FS	R2ARR	JG3LDD	N7WFK	
W7HJ	RZ6MJ	JG5VFK	N7WR	
W7IMU	SV2BXA	JI1LLD	N8HM	
W9GWP	SV4FFL	JN1RFY	N9MKC	
WB4PWZ	TG9AKH	JR4VEV	ND0B	
WB7QBS	UA4PK	K0FTC	NE3K	
WD6T	VK4BUI	K0JDD	NX6D	
WD9IOK				