

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 25 Aug 2026, 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	342 4X4DK JH4IFF JR2KDN K4DY KF2O NN4T	N8DX W9IXX	K2FF K5NA* N3XX OE3GCU SP3EPK W0MHK W1YY WD5COV	K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK
347 K4CIA K8MFO N4WW W1JR W4DR	341 AA1V DJ6RX DJ9KG EA8AK G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	333 DJ8NK GM3YTS HA5WA IK4DRY JA2KVD JA6BZI JE2URF JH1GZE JI4POR K0IEA K4MWB K6YRA N4AH N9IW PY2SP SM5CEU SP3E W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR		337 AA6YQ AG9S I4AVG JA0EOK JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WB6RSE		
345 HA0DU OH1XX			334 DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF*	
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 CT1EEB DJ2BW* JA3FYC K4UTE K9QVB* SM3NRY W2LO			
343 DF3CB K3FN K4MQG K5UR N4CC SP5CJQ VA3DX W3UR	339 DL4MCF JA1UQP JA5EXW JA5MHD K4XO K5RK N4CH	336 AA1QD G0JHC JA1BK JA1WPX JA5AQC JA5AUC		332 AA7A AD5A DF4PL EA5RM

EU7A	K4ZYU	EA1YO	KA9CFD	SV1FJA
EY8MM	N3NT	I5NPH	NY0V	322
F6BKI	N4JF	JA5WIZ	SM5KNV	CT1BH
HB9BZA	N8JV	JE2LUN	SP7VC	EA2IA
I4MKN	NO8D	JH8RZJ	W6RLL	F5PAC
IK5HHA	OK1MP*	J18DGO	W7AO	G0OIL
JA0UUA	RA3CQ	JJ3PRT	W9OP	IK4GME
JA4DLP	SM5CZQ	JR3GWZ	WB4TDH	JA1XEC
JA7MSQ	SP7GAQ	K9YY	324	JA2JNA
JA9RRH	SP9DWT	KW9A	AA8CH	JA4FKX
J12KXK	W1ECT	N2BJ	AB9V	JA9CWJ
K0EU	W3NO	NK1K	DK9KX	JJ2LPV
N2LT	329	OE2LCM	DL5DSM	K2UO
N6JV	CT1APE	PY2YP	FK8CP	K7NN
SP8NR	I4EWH	RZ3AM	G0DQS	KU0A
UA4HBW	IT9DAA	SM2GCQ	HB9BIN	KX4R
W4DKS	IV3JVJ	SM5DJZ*	I0WDX	N4DW
W5BPT	JA2JW	SM6CCO	JA2DPC	N4NX
YU1FW	JA7KY	SP1S	JA7JWF	N4QS
331	JE1SYN	SV8CS	JO7WXN	OH1LEU
9A7V	JF1PUW	UA3AB	K0CA*	ON4CD
AA1ON	JH0INP	W1RM	K5KC	R7DX
DF2RG	JH1TWT	W3LL	K5MC	VE1DX
DJ9HX	K9IR	WP4U	K6FG	VE3LYC
EI7BA	N5AW	326	N4II	W4FC
GM3POI	ON4IQ	EA5BY	N8BM*	W5CIA
IZ5EKV	OZ1CTK	IK5PWQ	OE1WEU	W5TCX
JH2FXK	SP6M	IZ0AEG	OE8HIK	WI8A
K1HTV	W5XX	JA2BDR	PA3EWP	YU3AA
K4CN	WA1JMP	JF3KON	PY5EW	321
K9CT	YO9HP	JF7XKY	R3OK	AA4V*
KV7K	328	JH3CUL	R3VA	DK1FW
LA5IIA	AA5AU	JR3OEH	RV3LO	G3TXF
LZ2DF	DK5WL	K5EK	UT9FJ	HB0CC
NI0G	DL7MAE	LU2NI	W8OI	IK2YCW
NR1R	EA3GP	N1NK	W9OL	JA0GJJ
PY5HOT	EA5BM	N4JJ*	YV1DIG	JA3AZD
R4GM	JA9APS	N4PQX	323	JH1IFS
RA7A	JR7VHZ	N7RT	AD1C	JH3VNC
SP6CIK	K0DEQ	ON4AOI	CT4NH	JH4ADV
VE3FF	K4QL	OZ1AXG	HB9HFN	K2VV
W4UM	K8PT	R5AJ	IK8YTA	OE6MDF
W5OZI	RU3FM	UA4CC	JA1ANR	OE8RT
W8UVZ	SL0ZG	VE2TZT	JA5XAE	SM6DHU
330	SM4EMO	W8DCH	JF1KKV	UT7UJ
DJ2YA	SM6CMU	WJ4T*	K4EM	W3GH*
DL1AMQ	SP5DIR	325	KF0QR	W8GC
EA7TV	SV1RK	G4CCZ	LA7HJA	WB0TEV
HB9AMO	W2IRT	GM3GAV	N5TY*	320
IK4BHO	W5FKX	HB9DHK	N5XZ	DJ5FI
IK6DLK	327	JL1RUC	N8RR	DM5EE
JA1ADN	AB4IQ	JR2LJO	NE1B	G0BLB
JA3EMU	CT1IUA	JS2LHI	OH2BLD	I2EOW
JF1WPB	DL2OE	K8NVR	SM6DHF	IK4DRR
K3WC		K9EU	SP5IWA	

JA2IVK	SP3CGK	JA0CRI	K8FL	RA0FF
JA3PIS	UX0FF	JA8RJE	KG4W	RL9F
JA8LRG	YB5QZ	JR2BJE	N4TL	SM2OAN
JR2UBS		K0KX	N8KOL	SP6HEQ
K1LD	317	N5OK	N8TR	W0YG
K9MM	DK2NG	NN4R	OE3SGU	W4BP
KQ8M	DL5WW	OE3EVA	OZ4O	ZS1LS
SP1JRF	HA1RB	ON4IZ	WA5VGI	
SP1MGM	HK3W	PY2NQ	ZS6EZ	309
UX1UA	IW1ARB	SP3IBS		JA1IOA
UY5ZZ	JA2ZL	SV2DGH	312	JA6WJL
VE3EXY	JG3LGD	W7CT	F3SG	JG4AKL
W1GL	JH1NYM	WB9CIF	JA1SYY	K4MS
W3KX	JR1BAS	WD9DZV	JA1VSL	K8QM
W5WT	K2RW		JF8QNF	K9ZO
W6XA	K5XI	314	JK1EXO	NN4SS
WA7NB	K6RO	AA5AM	JN1BMX	NU8Z
WD0DAN	K6YUI	CT1DKS	JR6FC	R9TO
YO3APJ	KE9L	EA1N	K1HT	RU3DX
	N2NL	EA6VQ	K3RA	RX3AGD
319	W6VX	G3NDC	N1IBM	UA4LY
AB3CV	W9RN	HB9SLO	N5ORT	VE7IG*
DJ4AX	WX4G	HL2IFR	RU3QR	W2JU
EA8AKN		IZ8FFA	SP9JZU	WE9R
IZ8FWN	316	JA2AH	UT2UB	YB1UUN
JA6VQA	DF2UU	JA2NDQ	W8HW	
JA9TWN	DL6CNG	JA9GPG		308
J11DHY	I3BUI	JR4OZR	311	A65BR
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K6AM	IZ1LBG	JS3CTQ	HB9TKS	F4BKV
KB0EO	IZ2AMW	K1AR	IK0PEA	HK4SAN
N4DB	JA1XCZ	K2LS	JA1IZZ	IK4ADE
RW3RN	JA7QVI	K4UEE*	JA2VQF	IU7QBB
UA3AP	JA8EAT	K5AQ	JA2XYO	JA1SVP
	JH1SJN	K8AC	JA4MRL	JA7IC
318	K1BD	LA7AFA	JA9FAI	JE2EHP
A45XR	K6KLY	LA7JO	JE2LPC	K0GY
AA4HP	K8YTO	NS6C	JK1GOK	K8OM
AC4G	K9US	OE1AZS	K9RX	K9MK
DL6KR	KG8P	OE1ZL	KC7V	KI0KB
G4PWA	MD0CCE	SM4DDE	KM4H	KN5O
JA1GRM	N5DG	SV1CNS	PY2XU	KS1J
JA4EPE	SM3VAC	SV1DPI	UR0MC	R7NW
JH1AGU	UA3DPM	SV1JG	US5WE	UR5EDX
JH1QAX	W7MO	UA6MF	W5ADD	VA5DX
JH4JNG	W9ILY	WB8BPU		VU2NKS
K2TE	WA2VYA		310	W1YM
K3WA	YO7LCB	313	HB9CEX	W2QO
K4HB	YS1RR	5B4MF	HL4CJG	W6ENZ
K4IQJ		CT1FMX	JA1WSK	W9MU
K4SO	315	CT1GFK	JA2WYN	WA8WV
K5BG	9H1SP	IK2RPE	JG3FEA	
K5DU	AA5AT	JA1EOD	JH7RXU	307
LA2PA	AB6QM	JA5IU	K0KVR	9K2OD
LB8DC	DL1DUO	JF2UPM	K2UU	CU2AP
LU3CQ	F5HNQ	JR1BLX	LA9AJA	DK2JX
NQ1K	G3VKW	K6TA*	R5DT	F2JD

HB9DDO	N9AU*	JA7MYQ	SV1GYG	296
HB9DDZ	NA5C	JJ1TKN	W3OA	AD6W
I5HOR	OH8LXT	JM1FHL	W6TC	CT1DOF
IK0XBX	PA5TT	K4XD		DL1HRN
JA2XW	PY7DJ	ON6AA	299	EC3A
JA3GN	RA9CMO	PY2KP	DM2DXA	EV1R
JE8CLT	SM3NXS	RK4FD	HB9RG	G4GIR
JJ3HGJ	UY5AA	W4QN	IK5RUN	GM0AXY
JN1RQV	W5VY	W7ZJ	IZ4MJP	HB9RYZ
K2SHZ		W9AJ	JA9FPI	IV3YYK
K7WP	304	WA9PIE	JA9NLE	IW0SAF
KB1JZU	CT1FCX	WD4LBR	JH1BNC	IZ0RVI
KC6AWX*	DJ9ON		JJ1DWT	JH4ALY
LU8EKC	DK5AD	301	K0TPP	JH7BKN
N9FN	EI2GLB	AC0A	K4ZO	JK1TCV
NI6T	EU1KY	AE5E	K9SM	K0KT
OE5RLM	HB9CQK	AJ9C	UA9FAR	K8VC
SM5JE*	JA5BEN	EW2A	VE3BW	LA8PT
W5AJ	JA7LGE	HB9BOI	W2GG	N0RB
W7DO	JF2XGF	HP2AT	XE2CQ	RA3QK
W7OM	K6ND	I2MQP*		SM6BZV
W9JA	K8GI	I4KDJ	298	SV9COL
ZS2DL	N7US	JA0DIN	5B4AHJ	UA6YW
	N9RS	JA1LSP	DL7BA	W4VIC
306	OH3NHF	JA1XPQ	JA1FQI	
DL1KUR	R7FK*	JA2ATE	JA4ITW	295
DL5EBE		JE1LFX	JF2WGN	JA1BPA
I1EIS	303	JE2DZC	JL2JVX	K5ZK
IK4PLW	E72U	JG8FWH	JR7WFC	LZ2JE
JA0GCI	EA3GHZ	K1GG	K2PK	N7RO
JE1DXC	G3LZQ	K4SE	K3PA	N7TY
K5WAF	G3SVD	LA5LJA	K5VIP	RM0F
KD3CQ	HL3IUA	RN3QN	K8EUR	SP8HKT
N8SNM	JA3ENN	UN6T	LU4FPZ	W5LT
OH5VT	JG0CQK	VE3EK	ND0N	W6XK
R8TX	K7ZA	W3RJW	PY2IQ	W7AL
R9FM	KB8VAO	WB5JID	WT4Q	
SM5FUG	LA3WAA	YO2CMI	ZL1BYZ	294
SV2AEL	OE5BWN			4X1RU
UN7JX	RL3FA	300	297	AI9L
VE3DZ	RW4NN	DL4CF	4Z4DX	EA6NB
W5XC	SM6CUK	EA1AF	BA4RF	HA5VZ
ZL3JT	SP2BMX	IW0HQE	E72A	HA9PP
	SP7HOV	IZ5RVG	E73Y	IK0HFO
305	SP7ITB	IZ8VYU	JA3RQ	IT9CVO
AJ6T	VU2PTT	JA3EOP	JE7JDL	JA5SUD
DJ4XA	W0VX	JA9AA	JH1BAM	JA9IFF
DL1TRK	W1SKU	K0BBC	JM1HJG	JE1GWO
G5LP	WA3AFS	K3FRK	K5DHY	JE3ENP
JA7BWT	WT8C	K6FW	K8WK	K1DG
JE6TSP		K8GG	KD0Q	K1USA
JR1DUP	302	K8TL	KG7H	K7ZV
K0JUH	AA4R	K8VFE	KT1J	KF2DT
K3XA	AA8OY	KD0PO	N7IR	KZ4V
K6SIK	DJ5JH	N4RWG	UN7LZ	N0KV
K9NW	F5CQ	PA3CSR	W6YI	RA1QD
MM0EAX	JA1JAT	PY2VA	YO2RR	RU6L

SV3DCX
UR5WA
W3JX
W9FR

293

DL1SMA
DS1JFY
EA3WD
HB9BAT
IK0AGU
IK8VRH
IW1QN
JA2CXF
JA3XNH
JH0BQX
K4JAF
K5RT
N2LM
PE1L
S55DX
W7BEM
WA3C
WA4FFW

292

DL5CW
DL6JZ
EA5AT
G8DX
HL2WA
HL3GOB
IZ3ETU
JA0DET
K7ZD
N5LZ
N6UK
N8II
N8PW
R6AF
W6NWS
W6SR
ZS1A

291

DF2GH
EA6ET
G0EHO
IZ3ENH
JA1QXC
KP2A
LA3MHA
LA5HE
LA9VFA
N2TN
N8LJ
OH4UI

VE3CFK
W1EQ
W1OPD
W8TN
ZL4TT

290

AA4A
AA8R
CU2DX
JA1KQX
JF1NZW
JG1OGM
JH3GCN
K8ROX
LA2QM
N9DED
PP1CZ
RD3AW
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SK3PY
SV3AQR
UN7TW
W2LK
W8AV
W9HBH
WA1S
WB9EEE

289

AA6AA
DL9TJ
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IZ4DPV
JA8EJO
JG1WSC
JH1HHC
JH4GJR
K0TT
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KK0M
KQ4AV
OE2GEN
PU2POP
R0FA
W8BBQ
W9YSX

288

CT3MD
EA5KA
JA2JRG
JA2XCR
JE2RDO
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K1DT
K3WW

K4RG
LA9GX
N3VA
N4LR
N6TA
OH1ZK
SM4CTI
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS2EZ

287

9M6YBG
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JA5FDJ
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KI5BLU
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OH1JP
R9SA
SM5ARL
W1VT
W4YCH
WA6F
WN6W

286

AB5A
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K1LPS
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K5PS
VE1JBC
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W6PJ
W8AXI
W9MJ
WS5W

285

DL2SWN
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JA2VMU
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KJ6P
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NN4X
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SM0CCM
W4MAY
W4UCK
WK7E

284

7K1PTT
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CT1FPQ
EI9FBB
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HL4GAV
JA3DY*
JA8CJY
JG3SKK
JH3KAI
JH3SIF
OE3HWC
SM6CTQ
UN3G
W2AY
W4FQT
W5ODD
W8HC
WB2BIN

283

HK1MW
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W5ZG
W6BJH

282

JA5BGA
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281

7M4AOE
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JA3BFX
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N5GH
OZ1IKY
SM0NJO
SM5ENX
W0LS
W8KEN
WF2S

280

CT1EAV
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WA0MHJ
ZS4TX

279

JA6QHQ
JA7HRM
JE8TGI
JK1UNZ
SV1FJP
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W07R

278

9A4T
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EI9JF

F2NH	DS5ACV	IK5PWN	WQ6Q	N1API
F5PBM	IV3VBM	JF1LMB		PZ5RA
JA4VLK	JE1BMJ	JH1OBS	269	RA4CA
K2UR	JF2VAX	K7EG	CT3CD	SV1HEP
N4HB	J13CJP	K8BL	HB9IQB	W8MET
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ND4X	N7KA	KB1EFS	IK8EPC	WB3LHD
OZ4VW	NF1G	KI4GE	IS0AFM	
RN9N	NU1B	N5BO	JA1OVF	265
SM4AZQ	SV5DKL	N7XR	JA1VLK	4F2KWT
VE3CRG	W7MEM	OE5FIN	JP1NWZ	G3SBP
W8MHW	WA0RVK	PA0ZH	KR0P	G3UAS
	XE1MEX	PY2WC	LA6UL	G3WPH
277		SM7IUN	NW7E	JA3WLN
9A4W	274	SV1ACK	OM4EX	JA4FM
DS5TOS	EW1KP	W0JM	SM5FWW	JE2UFF
EI2CN	IW0HOU	W1MK	YB1AR	JH1ACA
EI8IU	JA8XQI	W2OO		JR1WCT
F5UJK	JA8ZO	W3AP	268	K2CBI
JA8EOT	JH1IAQ	W3ICM	HA5PT	KZ5DX
K2AJY	JM1GHT	WL7E	JA1IAZ	N5KM
K8UT	K2KA		JA1NWD	N9JV
N6RV	K2SN	271	JA1VRU	VE3SKX
ON4CAS	K3PT	AA4FL	JH2VVH	W9JJB
UW2ZM	K6UM	IK2DZN	K1MAA*	
W1KSZ	K8DV	IZ8EJB	KD4W	264
W1YRC	K9MBQ	JA8FFM	KH6M	4Z1UF
W2PP	KA8SYV	JH1OCC	N2AJ	EA1KP
W3BW	KA8ZPE	K3PU	N3RC	EA3EQT
W6DR	KS3F	K8RRT	N5JB	EC1AIJ
W8RLS	RA5BM	LA5SJA	N5ZC	F6DBX
	SP6JIU	N4UOZ	NT5V	IK8UHA
276	SV9AHZ	UA3TT	SM6BGG	IZ0NRG
DK3WW	UA3ECJ	W6TMD	W2FV	JA1SKE
HB9BUN	VE3YF	W7YAQ	W2XI	JF2WXS
HB9LCW	W0EWM*	WV9L	W6RS	JR4LNG
IZ5BAM	W8QZA/QRP		W9OO	N1EN
JA6GPR		270	WA1YTW	N1GC
JA7FWR	273	BA4MY		N6HC
JA7LMZ	CT3KN	DK8MCT	267	N8OC
JA8UIV	DL9FCY	EA1KY	DL4DW	OH7TV
K6EME	JA1KPH	F6HLC	EA5RD	PA7TWO
K6IPM	JA2TBS	F9XL	HB9MFM	SV1CQN
LB2TB	JA6BEE	G4XEE	JA2QXP	VE6AX
N5MOA	JM2RUV	HB9DHG	JA7BEW	W1KDA
NK0S	JR3UIC	HL3AMO	K0DD	W5PF
OZ1LCG	K7XB	IK0UTM	OH2IS	WV4TN*
PA7RA	N4IG	IW7DVM	SM5BMB	
RX4HZ	N4QQ	K0BJ	WS9V	263
SM5CLE	OZ1ACB	K5VWW		DK4TP
W1ZT	RW7M	K7UA	266	DM2RM
W2OIB	VK3BDX	K9JF	GU0SUP	EA3CJ
W3ACO	W4HG	KG9Z	HB9EFK	EA4DL
W5GO		N7BT	IK4AUY	HA7UW
	272	VE6LB	JK1VXE	JA2FBC
275	AF9H	W0FLS	K5TA	JA7XBG
DH2PC	I5OYY	W0RX	K8AJS	JJ1BMB

JN1NBU	WA5LFD	W9EWZ	WA4CEM	NE6I
K1KO	ZS6WB*	ZL2IFB		W2ZI
K4KAY			254	W3ABT
K8FH	260	257	AG1A	W7CA
KN6KI	AA9A	6K5YIA	BA7IO	W8FIB
N1RR	EA8MT	AF4HX	CT1BWW	WA4JQS
NA5Q	EA9IE	AK5X	HB9DVO	
PY2MC	FG5FR	DJ0UT	IZ5YHD	251
W0GG	JA3VPA	EA1JO	JA0KJD	DL2RTL
WA4LOX	JE1HRC	EA7SG	JH1IED	G8AJM
WB4KTF	JH1DGJ	EB3CW	JH1VUO	HB9EBM
XE2X	JH3FUK	HL2CFY	K0GW	I0JBL
ZS6NJ	JH4ADK	IK2PZC	K3EA	IK0LNN
	JJ2WOC	JA1EMQ	K3SEW	JA5AFW
262	K1EFI	JA6OXT	KI1U	JH1UBK
CU3EJ	K1ESE	JE1PNX	LA5YJ	K4JKB
HI8R	K8YSE	K1SM	NE8P	K4VIG
I5REA	LY1G	RU1AB	UA3O	K5IB
JA8BAR	N6MZ	SV1VS	W7HPW	K8CW
JR7GBL	PY5IP	W3FI	W8IW	KJ7TEA
K8AV	SK7AX	W8MJ		N3KN
LA9FFA	SP6A	WB7B	253	N4SC
N0RN	TG9NX		AA3LX	N5UL
N1SV	WV8DX	256	AC9EM	NF4A
NH6T/W4		BH4QYX	AC9O	SM3LGO
NK4L	259	EC1A	EA4DEI	SM5FQQ
NV4B	DJ8NT	F4GVO	FG4NO	VE3YV
NX0I	DL9GTB	FG8OJ	HL2EIZ	W2JLK
TZ4AM	EW1BA	IK4HPU	JA1DDZ	W4SK
W2/CT1GIF	HL3DE	JA1PBV	JA6IVR	W5GAI
W6JZ	JA8BNP	JH1RGG	JJ1QUV	
W7LGG	JH1APK	K4JJW	K6MKF	250
W7QDM	K2UFM	K7GM	KE1F	DJ9RR
W9PZT	NI3P	KB9DAK	KM6HB	HA7TM
WA3GFM	PY5CC	M0TTB	KV4T	IK2DUW
WB8ART	SV1FKZ	VK3NX	N4QWZ	JH3GFA
YB2DX	VK4CAG	W8JRK	N6KZ	JH6PFY
	W2TB		UA0FO	JL1MWI
261	W7AH	255	W6RW	JR0EQQ
7K1CPT	W8CZN	AA7G	WF4U	JR5JAQ
DK3PZ	WV6E	AF5CC	YB0COU	K1KA
F1ICS		AI6Z	YL2KF	K3NQ
IZ8IEV	258	F6ECI		K7KB
JA3FHL	CU3EQ	G4FKA	252	K9YC
JE1VTZ	DH0GSU	HC1BI	DL7UPN	K9ZM
JH2PWY	DK7YY	IV3TMM	G3KWK	KA9UVY
K2FW	E21EIC	JK1OPL	G3NKC	KF7F
K7LJ	EA1RT	K1FEV	HL2KV	KQ3F
KF9UG	EI2HY	K6ZZ	IV3KFB	KS4YT
KI4DLS	JA9AGN	KR4F	JA1BNW	LB5WB
KM1D	JR4LZX	LU6ETB	JA4HAW	PA0JSE
N6PM	K6EID	N1RK	JF3PNQ	PY2FN
N9UA	KH2L	VR2XMT	JF6XQJ	SV8CKM
OM8FR	W1SSN	VU2CPL	JH4CBM	W4PNY
SM7CQY	W2GW	W0QQ	JL1BYZ	W7IU
W6DE	W4LSC*	W8OP	JR1VAY	WA8MCD
W8GNM	W5JAY	W9FI	K5FZ	

249 AA9RR AJ4A G3XLF IZ8GGF JH8GEU K4MV K9NR N8HRZ N9PGG OZ5NJ SM4OLL UN3GX W8IQ W9RC WA2USA WB8K XE2D YB1RUS	KC9K VU2DCC W1KMA W4GE W5ZO W6AER WB8CQV	WE1P XE1RBV	SV8DOU UX5UO W0SZ W5RF W8WEJ W9LN WC2K WE4S	YO3JF
248 DS5DNO G3KMQ G3VPW HB9DOT HB9JOE JE2VLG JJ1SKG N4XP SV1IW VU24DX	245 AJ8MH EA5B JA3QOS JA6AVT JF1WLK JJ6DGP JL3OUW K9GA KF7PG N0AH N2NW N4IQ N9JR NJ7G NZ3O OE3KLU S55ZZ VE7TK YB0NFL	242 EI9FVB JA1OVD JA4ZA JH1ERJ JH1WJR JR1MLU K3WWT K4PB K4QE K4YJ K7FEL KJ7M N2NS N4XYZ N6HY NA9Q NY1V OH3OJ RC2A SM0DSF WS1L	239 HB9DQV IZ1JMN IZ2FOS JA0LXP JA6CBG JA7KE JA9NFO K2RU K2XF N8SHZ W8BLA WA6JA	236 HB9ZS IK1IYU JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KK0DX KM3J KU8X KV4AA N4GN N6IE OE2BZL PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX
247 AK5Q CT1FUH JE2EBT JK7LXU JR3VMJ K1PL K2TER K3VAT NA9RB OZ7FOC S51NM VU2CDP W7IB WC3W WX2U	244 DL8SDC HL5BMX JA1CZI JI6IHG K0KG K1YR K8EAB KK1W PA3BWD W4REX W5PJR W9DX W9MO WA3F	241 AB5C IK0WMJ JH0OXS JP1IOF K0VSH K2NV K4KGG K9JU KV1E N9SF W5DNT W5QM YB1TQL	238 IK2GAJ JF0JYR K4JC K9OR KA4RRU M0CSD N4PJ SP5ES W3MR W4KA W5LO W5UQ WA4QMQ WB0TVY ZL4AS	235 EA7QW EU1U JE1IBI K0EOO K5CWR K8ZM N2FF NA5Z NW4M TA1CM W7YW
246 GW4TSG IZ0BVU JG3RWX JK1WSH K1XV K8YYY KB6CIO	243 G4XRV JA1MZL JA2EPW JE0ART JF2OZH JS6TWW K8ME N4OA UN9L W1BR W4LEW	240 G7SSE IW3GJF JA1DM* JA2FSM JA3NHL JH5HDA KE8UM KF0LA KK9H KS4S N0ABA N4HID N8NN PY2GG SP5LKJ	237 CT1BOY G0VXE HB9CXZ HB9HBZ IW9DNI JH1DGQ JR0QFA K1RV KX2A N0ODK SM0MPV W2DXE W8UN WA0ROI WB8B WB8ZRL	234 DF7EE DK2CC EA5DFV HB9BYQ HS1NGR I0LYO JA2OLJ JK1BSM K0VM K4MF KE5FXE ND4V W3WST W7HR WA5UA WB0O

233 AA9GR DL8DWL DS3HWS EA5AR HB9VAB JH1SOD JJ2KDZ K8BN N4TOL N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF	SM7WVZ VE7BV W2KA W8LMG W8WVM W9YE WB2NPY WW8W	K9GWH KA1J N1NU N4SV N6OJ SP7ICE W4DEE W5SL WA9GON YE4FNN	HL5OC JA8NFV JO1LVZ K0LB K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5THT W6UC W7NN WB0ULX WB7BBQ WN6K ZS2Y	221 AA4UC EA2AAZ IK0CHU IZ1JLG JI1NJC K4CGY K5DV K5ZQ KK4OW KU4XO NJ3K RU0SN W0BM WA0WWW WB0N
232 AH0U EW4C HB9BNQ HL2ZN JA5NPV JH6DUL K2HAT K3SF K4ST K5CD K5FNQ KB1DMX N3PS NY2NY RQ3A W5GA W6CYX W9ZCL	229 AD7L AE0P DS4GKF G7IRN HB9HVG JA7QQQ K0HD K3FM K4CMS KD1F KK4OK KW1DX N2SQW N4NW UR5FEO W1WC YB1TJ	226 AC4VM I0OSI JG1JPE JQ1YIW K2BA K2SD K9TF LB6KC LU4FW N2KX N5ET N6BM N9AOL NA2AA NG7M TF3DC	223 AB4UF AF2C EA7DUD I8MTQ IK0WRB IK2RZP IZ8MBW JE4RAL JP1GUW JR0AMD K6IPV KD2T KI6CG KW4V N4ENE W6GRV WC4H YL2TW	220 AA4LR AA6RR DL4LAM I1YDT IT9ODQ K1DJ K1NTR K1TZQ K3SX K4EU K4MIJ K5MT K6MM K7AWB KO8SCA KZ9DX ON4ATW SM7GIB UR4IOR VA7ZT VE6TL WA9BZW
231 AD5WB DK6OR JA2VHO JF1MTV JH0AWC KD6UO LZ2XF NA4EA SM7NDX W4UDH	228 7J1ADJ AA0MZ F1RAF F5LIW IV3FFI JA4CZM JE2KSM JF1RYU JH1OGT K4SX KE0A KE4UW KE6V RA3QUA VR2CH W1LE	225 AA8SW DK5RL DS4AOW EA2AFV EA2AGV EU1M IV3AVQ JA0EVI JH8NQV JJ1JMZ K0OK K1JIU K4JWA K5YU KN4PPD MU0FAL W0FG W5GZ W5TFW W5VQ W8UV W9KVR YO9FNP	222 DJ9SO DL5XL E77S IK8GJR IZ7AUH JM1VRW K1NJ K2AT KB5UNX KK2M KX4TT NN2D RA4P VK5GR W1DYJ W4WN	219 DF2UA F5JSD IK5QPS JA1FJJ JR7ILA K5JZ KG6I KI7AO KR2Q KU4BP N1KC N2ZA N6DX NN9X W5DAW
230 G3LUW JH7WQX JI1VVB K2SY K9WX KR6C	227 DF8FT DL2RUM HB9HIT I0MWI JA0DWY JK1SQI K0IL K0NV K1GE K5GH	224 E70T G4ZOY		

WA3I	215	KC2SST	208	JF1IRW
WQ5R	9H1EJ	KL7TC	7N3IJT	K0MN*
218	AA7XT	OH2LHE	EI5GSB	K1VI
DL2NOM	HB9IIO	PP7LL	G3WW	K8NK
DL4NBE	JS6QOM	SM5AOG	HP2NG	KK5OQ
G4VMX	JT1BV	WB9PNU	JH0NOS	N7NF
I7PXV	K1ZJA	WK4Y*	K0PX	N8BJQ
JA7FAS	K2XB*	211	K0THN	NJ1H
JH1FVE	KF4NEF	BV1EK	K2PF*	W7IUO
K3DFL	KO6KD	JJ1KZZ	K4WES	WA3WZR
K5ALQ	NU1O	JO4JDU	K5RJ	205
KB2FCV	W0TT	JR1JGA	K7PT	AC9S
KE3D	W1JGS	K0KP	KW4CQ	DL6UNF
KK8MM	W4IS	KT2C	KZ1W	GM0VRP
LB2HG	W6HDG	M0HIH	N4HN	JA0CIU
N4FN	W6KK	N1BY	N6ZN	JA4DHN
N4JT	W6SL	NY6C	NN5E	JA7JM
N8AYY	W7JY*	SM5ACQ	NW6S	JA7MNF
N9KW	WA6HBR	VR2XLN	PY2RN	JO3WHB
ND3L	ZL2AL	W6WF	W1FA	K4YYL
W3BJ	214	210	W5FPT	KI4WCQ
WA2NPD	3A2MW	CU3AN	WA6G	KL0S
WB8BZK	AB0X	JE1PHH	207	KM4VI
217	DJ3AS	JH6RTO	9K2BM	N2KI
7L2QAD	JA7DPC	KD8RQE	DG5LAC	VU2LBW
JA2NNF	JI1WLL	LA6OP	HI3T	WA4MME
JA7ZP	K0QQ	N4TD	JA7MAD	XE1J*
JG5RVQ	K2AZ	N8BK	JE3EDJ	204
JH8UQJ	KD1AB	S54A	K4GO	JF1KML
K1RH	N6PEQ	W0UC	K6ZP	JF2TJJ
N6QI	PY2RO	W5WP**	K9FZ*	JL1GYZ
OZ0J	W0KCJ	W7FP	KB5HC	KM9E
VA3OKG	W2CQ	W9IL	KE1VT	N5QS
W0TM	WB6BFG	WK8A	KK9T	N7ELL
WB6CJT	WY1G	YB0DJ	M0IKW	NC2Y
WI7P	213	ZS1J	N9AKR	NO0B
WW2DX	9A1AD	209	OE1JIS	ON6KE
YO3IPR	AG3V	DF3EC	ON4ANN	VU2IBI
216	DK3UA	DL4FAP	RD9M	W4GP
CX2CC	JA0LFV	JA2MNB	VK2CA	W7IV
DJ3XG	JA1FVS	JA6ENL	W1MJB	XE1L
I5XFD	JR1EFG	JH1FNU	W9QO	203
IT9AAI	K9SG	JM1SZY	WA9DU	EA5HM
K5VR	KD4SN	K3NF	YB0MWM	F5NBX
K7LV	N8GP	KB4MRX	206	IK2RGT
KR4W	N8NA	KQ5M	7N4SQJ	IZ0BTV
KT4AC	NA2M*	N9XX	AG5W	IZ0CKJ
N7WS	VK3FM	NW7US	CT1HHP	JA7JPZ
NC4RB	212	PU1KGG	HB9CRV	JH8NBJ
PS8ACL	F4WDL	SM5BNK	IK3GBG	K0CS
W0SR	JA1BWA	W1AW	IZ0GYP	K2CYS
WB3D	JA3LDH	W5AAJ	IZ4DIW	K4OY
	JP1LRT	W6DCK	IZ5FSA	K5DCW
	JR2PZX	W8HMK	IZ5MOQ	K8YE
			JA4DNC	

K9OW KA1DJ KB7AK KM7R N4TV N6PAT W3BNN WA3FRP	DL5EBS DM6MA I4UUL JH0RVY K4VNY K9AQ MU0GSY N2RR PB9FN V51YJ W9RXJ WB4YDL	OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL	SP9IZV W8NN XE1YD	K7UT K8ZT/QRP KD0AA N6MXU OH3PYY OT1A SM0BYD W2CG WA8LRW WB4GLI
202 AE4M IK5BOH/2 JR1IZM N8WD PT2ADM W3NS W4RDX W7TUS W7VY WE2N WN7J	198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG KO4PRE N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI	195 CT1ELF JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T	192 4X6KJ AD0K F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE	189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO K8OS KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W4AEJ W6DPD YB4CHP
201 GI4OWA K0MFI K6TAR N4PYI OV5O RT5A TF3VS W1OP W6AEA	197 4X4MF BA4TB EA1DLU JK1DDG K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H	194 A65BD EA1WH EA5ZR EA6LP K1LT KM4HQE KP3AH KR8T SP6EIY W2OR W4DC W5UHQ W7PAQ WA1NXC	191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE OZ9XU WV4V YO2DFA
200 AJ8B DK1NAL HB9AGO HB9FBG IZ8EKL JA3EY K3HW KC6JAM LA7EIA N1IA PY3VB VK2HV VK6LC W2NY W3ML W9WO WB9W ZS1DX	196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JP7FSO K1JD KA5JSM N2GZ N3QE NA9A	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV SP5IXS	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS	187 AF6PK JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV
199 AA3TH AC0X AD4AA				

186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ K4WM K5EWS K5QX K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	JA4GXS JE4CIL JF1LZQ K6LRN N7JB NG9J W6TK WA7BNG YB2TS	W4DSM	176 DL6NW F4FLF HL1VAU JR1FHP K2RET K5CR K7CTV K7STO KK7YC KT8D N1JP NZ3M VE1VOX WA3GNW WD4IXD	AI9U EA3HDZ HB9DVZ JA5MOO JJ1BDX JQ1PCX K6UNE K8JE K9QJ LA9VBA N5PA N7HN N9ATF N9DR NA6O NC7B NX2X SM0EUI W2PD W7VAS WC4X WY7FD
185 IU0ICA IZ2EWR JA3UOQ K3PP KE5BR KQ4EE NZ5O OZ3SM UN7BK VK2AAH W0QC W2WG	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K7LAZ KG4JSZ KS0JD LA5LT N8NB VU3CAU W6FL W6SFK W7WZ	179 AA5TL AB4GE DL5MHQ G0OSK JA1BON JA3EEM JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* SP5ELW VU2MSA W0ZS W1HS W4CCS W4GHW W4TUN	175 4O3A IW1PUR JA1PVX K1ROA K4WY K6NR KD4POJ KF6HI KN7D KW4J N7GCO N7NG NS3L UA1OM UA9AGX VU2YYF YB1RKT	172 AA5N G6MXL HK3PJ HL1MKT JF3VEC LZ1XL N3AO N4BAF N6VH NC1M W1ASB W9CSX YB4IR ZL3RJ
184 AD6ZJ AE5FM EA5RU EI1DG G4AYU IK0HBN JG1DUZ JL1JVT K0RAR K3JM K8EB KD2SC N4MIK N8JS NW7M SM2EJE UT7KF W6BK WB2HJV WB3BFC WB5STU WX0Z	181 EA6UE EI3CTB IZ4AIB JA1SZN JH8FIH K1XE K3VAR K5UZ KY6R N0SL N1HO N6VS NV4A PJ4/NA2AA UA9AEU W5JMW WB9B WC0W	178 AC0DQ EA8AXT IW0BYL JA1ERB JE3FOR JK1EBA K1ZE KL7TS KU1T KW9U N4MI W7HUY WB6AXD	174 AC0W AG4Q DL5KUA JL6USD JR3TOE K0PC K9HQM K9UQN KN7Y N7NW N9IO W5WI W7JET WA4BIM WA4NUF WB8QZM	171 AD3C CT2GZE DL5MM F9CI G0THF IW5EIJ JH1CTV K2TV K4NTO K4SAF KB0V KC5LK KP4DKE N7WI N8WRL ON6MX W0MU
183 JA2KSP JA3UNA	180 A61BK AA4AK IK1ZNM JE3PCP JH1IZR K8SL KD3HN KI6MQX NA5S VR2XYL	177 4X6UU IW8CGX JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	173 AB6CF AE0MO	

WA4DOU	KB7QFE	IK0XIH	KW4MM	EA7LS
WA5KBH	KF9LI	JE4WOK	LA1CO	F1OBJ
	LU8ADX	JR1KBJ	N0AMI	JA1ITJ
170	LX1CW	JR6LDE	N4KM	JA1UOA
AD5MD	OE1ALW	K3VPZ	N7KDT	JM1JZN
DL2JIM	R4FAN	KC3AK	N9LEO	JR1CAD
EI5KO	SV1XV	KG4CUY	R3IS	K7LY
EI6AL	VR2MY	KG5NP	SM7CZL	KM2E
JA1GVT	WL7OU	LA2XPA	VA2LC	KM2O
JG1GJH		N1QY	W1OK	N0IW
JJ0LZQ	167	N2RJ	W1XV	N4MEC
K3GT	HB9GWJ	N3KS	W8FN	N5WA
K6JJ	JA8BOV	PT2ND	W8MIL	N8IL
K7CU	JE3OUW	RA0BA	XE2YWH	NI5F
LA2GH	JI3BFC	RL3BZ	YO3DDZ	W1TO
LB7ZG	K0SRL	VK3TC		W9FF
N3WD	K3GGN	W2FS	162	W9NIO*
N4VN	KB8NTY	W4CIR	4F1OZ	YO8CRU
N6EM	KE3X	W4DWS	AB1J	ZS1C
N8VV	KH6XT	WB2WPM	BH4IGO	ZS6RJ
NJ6W	N1ZJ		DJ7JC	
NX4TT	N4PL	164	DS3EXX	159
SP7QHR	N8OQ	AC4BT	HS8KAY	AA3AZ
VE1OP	NF7D	CT3DL	JG2LGM	AD0TR
VE2YG	PY2SEX	DL7JRD	JR4CZM	DD0VE
W0OGH	WA0SXV	EI6IZ	K2HT	DK8IZ
W4PGM	WA5NFC	IZ0GVZ	KC4HN	EA1P
WA4USA		JE2DOD	LX2SM	IZ0FUW
WA9IVH	166	JR7XOD	NP3CW	JA0ED
YO4AUL	AL7R	K6CF	NS4X	JG1WNO
	DL1SVA	K6GFJ	OE6BME	K0IO
169	GM7NZI	KA1API	SP2LLP	K5DXR
DM3CW	HL4XM	KD8MQY	W4NBS	KB1HY
HB9GIV	JA0NZR	N2XQM	WA1LAD	KN6VTC
JA1KXT	JG3KMT	NA2P		KO4DKI
K1EDG	JR6GHN	PT7DX	161	LA8ZAA
K8ZZU	K0FLY	S50B	9M8DEN	N1MD
K9OT	KN4FO	W4IDX	HL3ERJ	N4GBK
KF0RQ	KR4BD	W6SIY	JA1IHD	N4VG
KI2D	KR4DA	WA5CMI*	K0YL	NE5S
N5MT	NU4Y		K2OP	TF4M
N5SIX	SV2CLJ	163	K3GW	VA3NXM
N6MB	VA7DX	AA4OC	K4AR	W1EBM
RD3BD	W3DIY	AI4QQ	KM4A	W4MA
SV1IZY	W4PGC	AK9B	N7QT	WA1W
W0AIH*	W8SAX	EA1AZ	N7VZ	WD5BJT
W7IAN*	WA1ZIC	F4CPF	NA6XX	XE1MW
WA6QGH	WA5NOM	HA5BSW	NA7RH	ZS6C*
WB8EKG	WB3JFS	IU5RTR	OH3DP	
	YO3AIS	IW0ECV	OK2ZDL	158
168	ZS6IR	JA0MRW	SM3PHM	9J2BS
A92IO		JH1BHW	W5RDW	G4SGX
EW1P	165	K0ABC	W6DOE	IK3DVY
JA0PZJ	AG6HE	K0CF	W9GG	JJ1KXB
JA4FKO	CU3HN	K3GO		K4HQB
JH1ORA	EI5JL	K4GN	160	K8GWU
JH3EQP	HB9MXV	KE1B	AB2E	KB2XJ

KF7NN	WA1KXV	OH3FVP	WC2C	148
KJ7NO		SP5NON		4F3BZ
KV7N	155	W8PE	150	A71AM
M0MCV	5P5Q	W8VK	DK3BK	AI6P
N4XMX	DK3QM	WB4SON	DK3FB	CU7AJ
N6MM*	IV3TDM		DL9SAD	EI7GY
N8TFD	JA0EBV	152	DM5JBN	JF2AIJ
N9AZZ	JA6SUY	AC6BW	EA7LL	JR3PKO
PY2CP	JH1AQN	AE5B	EI5GM	K0QB
W0JMP	K2CJ	BX5AA	IT9ABN	K5LY
W8LIG	K2DF	DF2WF	IW7EDZ	K5VG
W8OM	K4EZY	DU1KT	IZ2MHT	KA3GWD
WB2RAJ	K8WHA	G4AFJ	JA7GZM	KB8ZUN
WB9ZNZ	M0IFT	IK5BSC	K5HK	LZ1MDU
WT2P	N5JEY	K2EK	K6VVK	N1ZZ
	N8IK	K4RDU	K9RT	N7TM
157	NO9E	K6LPO	KI7M	TF5B
E20YLM	NU1T	KD2OV	KX5U	W3IZ
EI2JD	OE1HHB	KE9S	N0TK	W4AFB
F6KOP	UT7EC	N2TC	N6JOJ	W4AG
JA1UBZ	W3DQS	N9GKE	NC6RJ	W8VI
JA3MHA	W5SV	NJ1Q	NM4SH	W9GM
JG1XBM	YB1AYO	ON4LG	NZ6N	W9MAK
JH2AJY		ON8PHD	ON6ZV	WY0V
JH2NWP	154	R9JX	SM0BSO	
K9UO	AC8TO	W6RFF	TF3Y	147
LA2IR	DS5WQT	YV4DYJ	VK1AX	AB9KZ
N0LD	HB9ARK		VU2NXM	DL6DCD
N4QM	HK3J	151	W3KB	G3VQO
N9MB	JA0GZZ	DF1IR	W3UNX	IS0/YO3RA
NH6L	JA4HXF	DL4KUG	W4NE	JK1OTP
NJ6K	JA8ANQ	IK8OZV		K8MRT
NK7Z	JE6PJP	IZ0FYW	149	KB9LIE
PY1NS	JR3QHJ	J68HZ	7N2JZT	SV8RX
W3HKK	KC1ERO	JA2BUR	DL1MEV	VR2VGM
	KC4DM	JE1COB	DS4DRE	W3KN
156	KJ2U	K1IG	ER0FEO	W3NRJ
AA4DD	KL7NW	K1QN	JA0JPD	WB8TGY
EA3HPX	N5JED	K4DET	K2KIB	
F5NNN	NE5W	K7LAY	K4TXJ	146
G4FTC	VE3FAC	K9AAA	K8SMC*	AB9BH
G8BCG	W5TMC	KE4BKL	K9EXY	EA4D
GM3WIL	W8TM	KE8G	KD4EE	G3LAS*
HB9HHH	WA9MAG	KK4CLY	KP4DS	HP3TA
I4JEE		KQ5S	N0LGU*	JA3KWZ
IU4BJC	153	N4AA*	NE0U	JK1AKA
IZ4IRO	HB9BEM	N7MB	NR0Q	K7QBO
JA1CCG	JR0GXA	NU4I	NZ0O	K8ARY
JA2ODB	JR7MAZ	SM0NUE	RT0F	K8POM
JA9RT	K8RCT	VA3EJN	UA9MC	K9AAN
JF2RSF	K8ROK	VA3HP	W1DAR	KM8AM
JL3DGI	K9MMS	W3HER	WA1EHK	N1BRL
JM1LPN	K9UWY	W5WLA	WB1ASL	N4KEB
KA9OKH	K9YZ	W6WA	WF7T	N6FS
N5QZ	KC9WPS	WA6MRK	XE2B	N6RK
N7RD	KK4XL	WA9JWL		N9MR*
W1MR	N0VVV	WB1DX		N9XG

SM3DXC VE3NKS WA2MUA WA3SKQ WW8RT WY9V YB1BML ZS6UT	KI4R KJ4R KN7K LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS	N7TW NS0D NZ9Z* PA0QRB VA6SZ W5VU W7SX W9BS WW6G YB3MM	OD5YA PV8ABC V31CQ VE3MSC W0UHL WA5POK	IW1GEU JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM JM1CMA K4OP K5SES N6DW NX8Y S53MJ W5IO W7QHE WA7HR WB3AVD WB6FWS WB9IWN W05I WT3Q WU1U YO3GJC
145 5T5PA AA5H AC7JM AL7TC EA4S IZ2CSX JA5SEY JJ1OKK K3EJ K5FXB K6CW K7YMG KF4JHG KS0M N6KK W2RS* W7NP WR7Q	142 HB9TJG JA1PUK JI1UHZ K1AJ K4AU KA6BIM KE7BMG LA1J N5RN W2FDM W8WV	139 F5VML F6FHZ HB9DTE HL4CBX IZ8EYN K2IRM K2WJ K5KEW K9TRV KB8KIM KX4I M1EMC N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB* W4EJG WA5YNB ZL3TE	137 DL2RD G3PSM JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KI0HA KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W4VG W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	134 AB0RX EA6AZ HB9PUE IZ8DEO JA6GXP JF2OHQ JH7RTQ K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KC2STA KF5WCP KN4OK LB5GI N1AH N6XT SM3WMU W2KNG W4UAT XE2AD
144 AD7Z EI7JZ GM0VIT JR1HYA K1TKL KS8W N5PD N5UE N9MSG RN0C UY2UZ WB1S WX2CX WX3P	141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF IZ6ERS K2JK K4RM KA5SYP KA5VFU N1BCL* SV2JU W1ITU W1NA W5GOL W7KKC WK9U	138 AC5AA DL5KUT DL5ZB DS3EXT EA3NG G0FWX GM1TBW JA0CVC JA1VRY JA6NQJ JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KM4CQG KU9S N3PV N9BVA NT9F	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K9BQL K9MQ KE4FW KG6D	140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM		135 AB4FH DL4ZAB DL6WM GM1BSG GM5YTT HZ1GW	

JA5IBP	KN4WOJ	128	LA2LI	W0XE
JM1JIV	M0NGN	A71XX	N0AB	W4AO
K6ME	N0AKC	EA1AHA	N1BZ	W5CWQ
KD0KZE	NG4DX	EI3IO	N3GTG	W6ELI
KG6WIK	NN6K	F4GTB	NA1RL	W6PG
KI4TZ	W5EC	HL2DBP	ON5EQ	WA4TMJ
LA9KY		IZ1UKF	VE3EDY	WM4AA
N1BKB	130	JE2VYM	VU2TMP	WR2G
N3HYB	AA4QE	JH1AWJ	W0MF	ZL3PAH
N5EI	DL1SWN	JH4GXE	WB2KSP	
OH4KRN	JA2LMY	K0MD	WB9TFH	124
OH7HM	JH3PRR	K6OJ	WC2L	DJ3EJ
VU2ABS	JL4BSE	K7PTC		EC4KW
W1GY	K0BX*	K9YKL	126	EI8IQ
W3GP	K2MHE	KC2THY	EI4HH	G4RGK
W3MF	KB4DSL	KC2WUF	IK4TVP	IT9YOZ
W6OUL	KB7V	KD5R	IU8GNY	IZ5BYJ
W9SE	KD4CM	LU6XQB	JA5CDL	JA3AOP
WB2AA	KG2U	N0DL	JA5XPD	JK1MJE
	KK7BR	N0JR	JA8WGX	K3SUI
132	KN4JX	PV8AJ	K0AIZ	K7HC
7L3SQL	N0YO	R3BB	K2GLS	KB8DID
AA4FU	N1SZ	TF3MH	K3LL	KC2NJ
AK3E	N2YF	UR9IDX	K5KDX	KC4AA
AK6I	N6BDX	W0QD	K5WRE	KD9ZR
I8NLC	NS4F	W5MF	K7PO	KE8NOA
IZ0COI	OZ6TL	W6IS	K8GT	KK4TKJ
JA9KRO	PU4MMZ	W8BI	K9QA	KV8P
K4BNF	W1MO	W9EBO	KC5RR	KY6AA
KG8OU	W4BH	W9TO	KK4CB	N4LSJ
KI7HO	W9CTJ	WA2BOT	KW4WD	N5VBK
KK5ID	WB8RFB	WA4UWD	N1GNB	NT4K
M3DFW	YO8PS	WC4V	N5HC	W0DD
N3TR		WP4CQ	N8YQX	W6ND
N4EDT	129	WQ1H	NC7M	WF5I
N4QOG	AD6KQ	YB0AZ	VE3TMG	WW5L
NN3V	AE7U	ZS6AKU	VK2DAG	ZL3REX
ON6YH	CR7BRV		W3ATV	ZS6NK
OR4K	DS4EJA	127	W8PAT	
OZ3SK*	DS4OMS	7Z1HL	W9COS	123
SM7DXQ	IK8PGE	AG4TO	XE3E	AB4BJ
UW7UA	JA1PLT	DJ5DT		AI5EG
W3KHZ	JA2ACI	DL5FAC	125	DJ6OZ
W4MC	JA3WMS	EA4TX	AB5GU	DS4DBF
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W7FI	JN1SUT	HK6K	AF8C	IK0XKP
WA1HXX	K4CNF	I2YPY	EI8GS	IZ8LMA
ZS1EL	K7ORK	JA0BES	G4EHT	JA1GLE
	KB4KBS	JG1LRE	JP1GVC	JA2HOL
131	KS4WA	JG5DHX	K1FUG	JH1RVQ
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JH1IY	N9AVC	JJ1MNT	K5NOF	K2JGL
JK8VMB	SM2YIP	JJ2VLY	K8YAH*	K3DQB
K0ARM	VK5CE	JR1LZK	K9ARZ	KB1W
K7GA	W7TG	K2GW	KK5J	KE7AUB
KA5IAU	WU7X	K7LFY	NN6CH	KG4OJT
KD2NF	XE1ILI	KF3N	SM5AFU	KN9N

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N1ECC	NA2R	W5RYA	WB5TOI	OE6CLD
N1GFV	NA4MM	W6GJB	WD0ANB	RW6MBC
N6DVR	NY4G	WT5L	ZS2I	SM1NJC
N9RE	OZ6EI	119	117	VR2IL
OH3TY	PP2FN	DL2VWR	CE3FZ	VY2RU
PY2ADR	TA1L	F5BAR	DL9QJ	W1HQ
SV7CUD	TA7AZC	HL2MHU	F8EZE	W7QC*
VE3VHH	UA0FDX	JA2KGQ	HB9MZI	W7WES
VU3WUA	UR5FLN	JA6JYM	IS0BZR	W9LU
W2ARP	W0LGQ	K0FJ	IZ7QFN	WA4VJK
W2WGK	W3/NH7C	K2CQW	JA9KA	WT9U
W4UT	W3JXP	K7LOL	JM3GXU	WW5RC
YB9WZJ	W4CC	KG5POL	K0FF	115
122	W4KCM	LU9DO	K3UT	AA9WO
AA0BH	W7PC	N8ERL	K4AEH	AF7WM
AA5B	W9MB	N8LCU	K9LCR	E74A
AB5YI	WA7HQD	SV1BYI	KA4AHU	EI4GNB
DL6LZM	WC9C	SV2KF	KB2S	HL4RBR
G0HSA	WQ8T	TA1HZ	KB5CSQ	IW2FLB
HC1HN	WU9D	VK7AP	KE9V	JA0NPQ
JA9ALR	ZS1IS	W1ZK	KO4PY	JH8LEY
K0HQW	120	W6ZPL	KP4ED	K1RE
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K5TU	AC4TO	W9JJ	N2IFA	KB4CRT
K7BWC	AE5LK	WF8Z	N8AGU	KG4URP
K9KJ	AI2S	WJ1B	NG0G	KW1X
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UT9LC	F5AQB	AJ6X	WA6VZN	OE5MPL
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W5HNK	JH5OTE	JA1CCH	116	WJ5K
W6HB	JJ1XVA	JA2KPW	6K2ILX	WS4H
XE2MX	K3QB	JA3KKE	AA0FT	114
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IK6BMU	N2SO	KM6WXB	JT1CO	JA8EIA
JA1CPN	N3DV	KX6C	JT1DN	JG4OOU
JA1EYN	N3GS	LZ1XZ	K1EO	JM3XZC
JA1WTO	N4PGL*	N2ADE*	K4GHS	K3PL
J15WDC	N4UFP	N2CJN	K4LCP	KA1CTL
K1LTJ	NJ8G	N4ZY*	K8JRK	KI8AE
K3CWF	NR2D	N8KUS	K8MN	N3DD
KK4ODQ	VE3QAA	NA9L	KC1RET	NA1DX
KU2A	VR2ZXP	R6TY	KD5RBU	NG8T
N0TR	VU3RGB	VR2CC	N0ATQ	NK5K
N3ER	W1MJC	WA7ZXD	N2ZL	TF1A
	W1RG			

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W0QKL	AJ6V	W6KF	JA1QEY	KI0KN
W2ZK	EI8JB	W7WT	JH4GNE	KI4SFT
W8LR	G0DTX	WA1JQC	JI1IZS	KJ2AM
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WN0L	G3YFE	WU4B	K0TI	KO4XI
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ZS4JAN	IK4EWN	XE1ZTW	K6JAD	LU2AH
	IS0BQE		K9JE*	N5FPW
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AB1NS	JF3AHI	AG5Z	KB7DT	NJ2X
AC0B	JH0LME	CT7ANG	M0AQM	VE7VV
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DL2DCX	K4HEB	EA1BLA	N4WD	W6CN
EA5DPL	K4ZMV	EI9HX	N6RVI	W7SMW
EI2FG	K4ZRJ	G4VWI	N7TP	WB5ZAM
F5EOT	K8CJY	HB9BEP	N8XS	WB8LEM
F8GB	K9KDS	HG6IA	NN8L	WC4B
G0UII	KW8I	IZ1EPM	NS7K	
G4NAQ	N0OK	JF3KOA	NW6R	107
G4YCS	N8AID	JH1FRW	NX1P	AB7RW
HB9GZE	NQ4A	JR2PAU	PF7M	AK1P
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JA4CSJ	S51DV	K3WSU	SP7ASZ	DJ5FZ
JG0HEW	SV2BXA	K4KAL	T88UW	DK2GP
JH1GNU	W1USN	K4RP	W4JDS	E73D
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K2KNB	W4LLP	K6SLO	W7CB	IC8XIL
K4JDJ	W5GCX	K9TVG	W7VP	IW1PVT
K4JLD	WA1DD	KF6XA	W8MSP*	IZ1XBB
K4TR	WD8LTM	KF8PD	WA6URY	JA3MAT
K7MO	WF4W	KN6HIP		JE1CTA
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KB1OIQ	WW6W	N3TTT	AC0XY	K2ZD
KB2TGU		N3YZ	AC8MR	K4LQ
KC0V	111	TF8GX	AC9DX	K6DLB
KH6P	AK4N	W1ZZ	DB9CR	K7UWR
LB8CA	EI9CN	W5JE	DK1MCS	KA4LBD
LU3JVO	F8DZY	W6TCP	DL1TPY	KB0EL
N4MC	G4ZWY	W7UV	DL2AMD	KF2G
NC6R	HB9ECS	W7YED	DL2NAI	KJ4FZ
S52R	IK7ZLW	W8TE	DM5TI	KR4U
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SV2DSJ	JA5EEU	YB1SKR	EA5XV	N0MHL
VA3AYA	JA9IWR	YO5QAW	G5CL	N1UZ
VK7ZE	JE1TNL	ZS5LEE	HL5JYS	NI8Z
W1FC	K2KYH		IK1RKN	PP5VA
W3JM	K5NV*	109	JA2DCN	RM6LW
W6BBS	K8ZEE	AA4RX	JH1OVY	SV3EXP
W7CD	K9JIG	AC8AZ	JR4NUN	TA1CQ
WB2UFF	N4NYY	AF3K	K3XO	UX5XK
WB9YJE	N9ARX	E70X	K4PWS	V31MD
	NT5O	F5DBT	K8LBT	VA2GA
	P40P	F8DHE	KC5N	W5HY
112	PT7CB	G0MMI	KC8YG	W8JA
3C3CA	TA1UT	G4FVZ	KE3ZT	WB2BXO
7Z1CQ				

WB2MKX	105	GI3SG	K0JDD	R9GM
WM4W	AA2F	GW0ANA	K0LU	S51MA
WS7I	AI1W	HA5DI	K0OOK	SM0XG
ZP6CW	AP2IA	HB9BMY	K1FBI	US8ZAL
106	DL9GTK	HS3OY	K2RNY	VK2GR
AB6WQ	E29TGW	JA1CC	K3PIN	W1GF
AC7DX	EA2AA	JA1DHY	K3TXW	W4ASE
AC8IL	EA4E	JA1RBY	K4NI	W7FS
DS2GOO	EI6GF	JH1MYJ	K4SAW	W7HJ
DS5MNO	FM5FJ	JI4HKA	K6XJ	W7IMU
EA3AGY	G3LOJ	K0BRO	K7HV	W9GWP
EW4DX	HL4GHT	K0HB	K9WMS	W9TVX
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F6JSZ	JE2VVN	K4KZM	KF9EX	WB7QBS
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G3LPS	JK1AIA	K6WY	M0UPL	WN9A
HI7SB	JS2IYY	K7UW	N1MIE	XE1SAX
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JJ1IRS	K7CMZ	N3PW	NI5G	101
K1XO	K8FB	N4PAJ	NS7U	AA9D
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KA9TOX	KZ4EX	N8WXQ	W0RSJ	AB8YZ
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KI4NSP	LZ1JZ	OM6CI	W4CU	DD9WG
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M0PCB	N9IXD	RK2M	YB1ALL	EA4UV
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NG4C	W0PPA	W9GXR	DL4FDM	IK2HLM
NI7F	W1MRH	WB4HMA	IC8SQS	IU2LFP
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UA0ABB	WK3A	YB1BUL	K1MDA	JA5JUG
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VE3XK	WZ9B	ZS6HON	K2DW	K0GEO
VU2MB	YV4EH	103	K4HR	K3AXB
W0TLX	104	AF8P	K6BLG	K3LA
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WA8Y	AJ4AV	FM4LV	KB1AWM	K8PGJ
WV4E	CT3DZ	HB0RER	KO3F	K9GL
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	F6ARS	JP1KHY	NA4D	KC5W
	G0DRM	K0FTC	NN5O	KD4SR

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KJ5RC	EA5PS	KL7KK	WI0E
KN4AMX	EI2HZB	KL7XO	WM9Q
KU4A	EI4DQ	KR4Q	WU1T
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M0PTZ	EW4A	N0KM	YE1AR
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PA3AIN	HB9HFM	N5CR	
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RZ6MJ	JA7PKV	N5LKE	
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VK4BUI	JN1RFY	ND0B	
VU2OT	JR4VEV	NE3K	
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W3RMS	K1PTF	OZ9GA	
W3SW	K2UF	PY5VC	
W4PM	K2UT	R2AB	
W6OU	K3NO	SP7LPD	
WB5KSD	K3RRR	UR8IDX	
WM5H	K4GM	VA2EU	
WU6K	K4KYN	VE1JF	
WX7B	K4QS	VE3KKB	
XE1AO	K4RSA	VE7ON	
YB8HZ	K4TMG	VR2PX	
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	K5MMH	W0RMS	
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2E0XAR	K5VSD	W2MW	
7L3IUE	K5YE	W2PTP	
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A71UN/P	K8DTF	W4DFU	
AA7UN	K9EA	W4YR	
AC0DH	KA2F	W5YKU	
AC0WL	KA4H	W6OZI	
AD4J	KB2GCG	W9KM	
AE0SQ	KB5RW	W9ZT	
AE4VJ	KB6IGK	WA2ALY	
AF4OZ	KD1DT	WA2VJL	
AF9W	KD5FVZ	WA3UTC	
AI4EY	KE1IU	WA3YZD	
AK4AO	KF5MDZ	WB0RXQ	
DB6VH	KF5TL	WB2ZEX	
DC1TK	KI0G	WB6RAB	
DK7GH	KI3O	WB6RJH	
DL3ANK	KI4PG	WD1M	
DL5JH	KK6MF	WD4GZW	