

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 31 Jul 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	N8DX W9IXX	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	K4DY KF2O NN4T	338 G4BWP I4LCK JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 JA1BK 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	341 AA1V DJ6RX DJ9KG G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ AG9S I4AVG JA0EOK JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WB6RSE	334 DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF*	
345 HA0DU OH1XX	340 CT1EEB DJ2BW* EA8AK JA3FYC K4UTE K9QVB* SM3NRY W2LO	336 AA1QD G0JHC JA1WPX JA5AQC JA5AUC K2FF		332 AA7A AD5A DF4PL EA5RM
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 DF3CB K3FN K4MQG K5UR N4CC SP5CJQ VA3DX W3UR	339 DL4MCF JA1UQP JA5EXW JA5MHD K4XO K5RK N4CH			

EU7A	N4JF	I5NPH	NY0V	322
EY8MM	N8JV	JA5WIZ	SM5KNV	CT1BH
F6BKI	OK1MP*	JE2LUN	SP7VC	EA2IA
HB9BZA	RA3CQ	JH8RZJ	W6RLL	F5PAC
I4MKN	SM5CZQ	J18DGO	W7AO	G0OIL
IK5HHA	SP7GAQ	JJ3PRT	W9OP	IK4GME
JA0UUA	SP9DWT	JR3GWZ	WB4TDH	JA1XEC
JA4DLP	W1ECT	K9YY		JA2JNA
JA7MSQ	W3NO	KW9A	324	JA4FKX
JA9RRH	329	N2BJ	AA8CH	JA9CWJ
J12KXK	CT1APE	NK1K	AB9V	JJ2LPV
K0EU	I4EWH	OE2LCM	DK9KX	K2UO
N2LT	IT9DAA	PY2YP	DL5DSM	K7NN
N6JV	IV3JVJ	RZ3AM	FK8CP	KU0A
SP8NR	JA2JW	SM2GCQ	G0DQS	KX4R
UA4HBW	JA7KY	SM5DJZ*	HB9BIN	N4DW
W4DKS	JE1SYN	SM6CCO	I0WDX	N4NX
W5BPT	JF1PUW	SP1S	JA2DPC	N4QS
YU1FW	JH0INP	SV8CS	JA7JWF	OH1LEU
331	JH1TWT	UA3AB	JO7WXN	ON4CD
AA1ON	K9IR	W1RM	K0CA*	R7DX
DF2RG	N5AW	W3LL	K5KC	VE1DX
DJ9HX	NO8D	WP4U	K5MC	VE3LYC
EI7BA	ON4IQ	326	K6FG	W4FC
GM3POI	OZ1CTK	EA5BY	N4II	W5CIA
IZ5EKV	SP6M	IK5PWQ	N8BM*	W5TCX
JH2FXK	W5XX	IZ0AEG	OE1WEU	WI8A
K1HTV	WA1JMP	JA2BDR	OE8HIK	YU3AA
K4CN	YO9HP	JF3KON	PA3EWP	321
K9CT	328	JF7XKY	PY5EW	AA4V*
KV7K	AA5AU	JH3CUL	R3OK	DK1FW
LA5IIA	DK5WL	JR3OEH	R3VA	G3TXF
LZ2DF	DL7MAE	K5EK	RV3LO	HB0CC
NI0G	EA3GP	LU2NI	UT9FJ	IK2YCW
NR1R	EA5BM	N1NK	W8OI	JA0GJJ
PY5HOT	JA9APS	N4JJ*	W9OL	JA3AZD
R4GM	JR7VHZ	N4PQX	YV1DIG	JH1IFS
RA7A	K0DEQ	N7RT	323	JH3VNC
SP6CIK	K4QL	ON4AOI	AD1C	JH4ADV
VE3FF	K8PT	OZ1AXG	CT4NH	K2VV
W4UM	N3NT	R5AJ	HB9HFN	OE6MDF
W5OZI	RU3FM	UA4CC	IK8YTA	OE8RT
W8UVZ	SL0ZG	VE2TZT	JA1ANR	SM6DHU
330	SM4EMO	W8DCH	JA5XAE	UT7UJ
DJ2YA	SM6CMU	WJ4T*	JF1KKV	W3GH*
DL1AMQ	SP5DIR	325	K4EM	W8GC
EA7TV	SV1RK	G4CCZ	KF0QR	WB0TEV
HB9AMO	W2IRT	GM3GAV	LA7HJA	320
IK4BHO	W5FKX	HB9DHK	N5TY*	DJ5FI
IK6DLK	327	JL1RUC	N5XZ	DM5EE
JA1ADN	AB4IQ	JR2LJO	N8RR	G0BLB
JA3EMU	CT1IUA	JS2LHI	NE1B	I2EOW
JF1WPB	DL2OE	K8NVR	OH2BLD	IK4DRR
K3WC	EA1YO	K9EU	SM6DHF	JA2IVK
K4ZYU		KA9CFD	SP5IWA	JA3PIS
			SV1FJA	

JA8LRG	317	NN4R	WA5VGI	309
JR2UBS	DK2NG	OE3EVA	ZS6EZ	JA1EOD
K1LD	DL5WW	ON4IZ		JA6WJL
K9MM	HA1RB	PY2NQ	312	JG4AKL
KQ8M	HK3W	SP3IBS	F3SG	K1AR
SP1JRF	IW1ARB	SV2DGH	JA0CRI	K2UU
SP1MGM	JA2ZL	W7CT	JA1SYY	K4MS
UX1UA	JG3LGD	WD9DZV	JA1VSL	K8QM
UY5ZZ	JH1NYM		JF8QNF	K9ZO
VE3EXY	JR1BAS	314	JK1EXO	NN4SS
W1GL	K2RW	AA5AM	JN1BMX	NU8Z
W3KX	K5XI	CT1DKS	JR6FC	R9TO
W5WT	K6RO	EA1N	K1HT	RU3DX
W6XA	K6YUI	EA6VQ	K3RA	RX3AGD
WD0DAN	KE9L	G3NDC	N1IBM	UA4LY
YO3APJ	N2NL	HB9SLO	N5ORT	VE7IG*
	NQ1K	HL2IFR	RU3QR	W2JU
319	W6VX	IZ8FFA	SP9JZU	WE9R
AB3CV	W9RN	JA2AH	UT2UB	YB1UUN
DJ4AX	WX4G	JA2NDQ	W8HW	
EA8AKN		JA9GPG		308
IZ8FWN	316	JR4OZR	311	A65BR
JA6VQA	DF2UU	JR9LKE	4X6ZK	DL2CHN
JA9TWN	DL6CNG	JS3CTQ	HB9TKS	F4BKV
J11DHY	I3BUI	K2LS	IK0PEA	HK4SAN
JN3SAC	IK2QPR	K4UEE*	JA1IZZ	IK4ADE
K6AM	IZ1LBG	K5AQ	JA2VQF	IU7QBB
KB0EO	JA1XCZ	K8AC	JA2XYO	JA1SVP
N4DB	JA7QVI	LA7AFA	JA4MRL	JA7IC
RW3RN	JA8EAT	LA7JO	JA9FAI	JE2EHP
UA3AP	JH1SJN	NS6C	JE2LPC	K0GY
WA7NB	K1BD	OE1AZS	JK1GOK	K8OM
	K6KLY	OE1ZL	K9RX	K9MK
318	K8YTO	SM4DDE	KC7V	K10KB
A45XR	K9US	SV1CNS	KM4H	KN5O
AA4HP	KG8P	SV1DPI	PY2XU	KS1J
AC4G	MD0CCE	SV1JG	UR0MC	R7NW
DL6KR	N5DG	UA6MF	US5WE	UR5EDX
G4PWA	SM3VAC	WB8BPU	W5ADD	VA5DX
JA1GRM	UA3DPM		WB9CIF	VU2NKS
JA4EPE	W7MO	313		W1YM
JH1AGU	W9ILY	5B4MF	310	W2QO
JH1QAX	WA2VYA	CT1FMX	HB9CEX	W6ENZ
JH4JNG	YO7LCB	CT1GFK	HL4CJG	W9MU
K2TE	YS1RR	IK2RPE	JA2WYN	WA8WV
K3WA		IZ2AMW	JG3FEA	
K4HB	315	JA5IU	JH7RXU	307
K4IQJ	9H1SP	JF2UPM	K0KVR	9K2OD
K4SO	AA5AT	JR1BLX	LA9AJA	DK2JX
K5BG	AB6QM	K6TA*	R5DT	F2JD
K5DU	DL1DUO	K8FL	RA0FF	HB9DDO
LA2PA	F5HNQ	KG4W	RL9F	HB9DDZ
LB8DC	G3VKW	N4TL	SM2OAN	I5HOR
LU3CQ	JA8RJE	N8KOL	SP6HEQ	IK0XBX
SP3CGK	JR2BJE	N8TR	W0YG	JA1IOA
UX0FF	K0KX	OE3SGU	W4BP	JA1WSK
YB5QZ	N5OK	OZ4O	ZS1LS	JA2XW

JA3GN	W5VY	W4QN	IK5RUN	G4GIR
JE8CLT		W7ZJ	IZ4MJP	GM0AXY
JJ3HGJ	304	W9AJ	JA9FPI	HB9RYZ
JN1RQV	CT1FCX	WA9PIE	JA9NLE	IV3YYK
K2SHZ	DJ9ON	WD4LBR	JJ1DWT	IW0SAF
KB1JZU	DK5AD		K0TPP	IZ0RVI
KC6AWX*	EI2GLB	301	K9SM	JH1BNC
LU8EKC	EU1KY	AC0A	N9FN	JH4ALY
NI6T	HB9CQK	AE5E	PY2KP	JK1TCV
OE5RLM	JA5BEN	AJ9C	UA9FAR	K0KT
SM5JE*	JA7LGE	EW2A	VE3BW	K8VC
W5AJ	JE1DXC	HB9BOI	W2GG	LA8PT
W7DO	JF2XGF	HP2AT	XE2CQ	N0RB
W7OM	K6ND	I2MQP*		RA3QK
W9JA	K7WP	I4KDJ	298	SM6BZV
ZS2DL	K8GI	JA0DIN	5B4AHJ	SV9COL
	N7US	JA1LSP	DL7BA	UA6YW
306	N9RS	JA1XPQ	JA1FQI	W4VIC
DL1KUR	OH3NHF	JA2ATE	JA4ITW	
DL5EBE	R7FK*	JE1LFX	JF2WGN	295
I1EIS		JE2DZC	JL2JVX	JA1BPA
IK4PLW	303	JG8FWH	JR7WFC	K5ZK
JA0GCI	E72U	K1GG	K2PK	N7RO
K5WAF	EA3GHZ	K4SE	K3PA	N7TY
KD3CQ	G3LZQ	LA5LJA	K5VIP	RM0F
N8SNM	G3SVD	NA5C	K8EUR	SP8HKT
OH5VT	HL3IUA	RN3QN	LU4FPZ	W5LT
R8TX	JA3ENN	UN6T	ND0N	W6XK
R9FM	JG0CQK	W3RJW	PY2IQ	W7AL
SM5FUG	K7ZA	WB5JID	WT4Q	
SV2AEL	KB8VAO	YO2CMI	ZL1BYZ	294
UN7JX	LA3WAA			AI9L
VE3DZ	OE5BWN	300	297	EA6NB
W5XC	RL3FA	DL4CF	4Z4DX	HA5VZ
ZL3JT	RW4NN	EA1AF	BA4RF	HA9PP
	SM6CUK	IW0HQE	E72A	IK0HFO
305	SP2BMX	IZ5RVG	E73Y	IT9CVO
AJ6T	SP7HOV	IZ8VYU	JA3RQ	JA5SUD
CU2AP	SP7ITB	JA3EOP	JE7JDL	JA9IFF
DJ4XA	VU2PTT	JA9AA	JH1BAM	JE1GWO
DL1TRK	W0VX	K0BBC	JM1HJG	JE3ENP
G5LP	W1SKU	K3FRK	K5DHY	K1DG
JA7BWT	WA3AFS	K6FW	K8WK	K1USA
JE6TSP	WT8C	K8GG	KD0Q	K7ZV
JR1DUP		K8TL	KG7H	KF2DT
K0JUH	302	K8VFF	KT1J	KZ4V
K3XA	AA4R	KD0PO	N7IR	N0KV
K6SIK	AA8OY	N4RWG	UN7LZ	RA1QD
K9NW	DJ5JH	PA3CSR	W6YI	RU6L
MM0EAX	F5CQ	PY2VA	YO2RR	SV3DCX
N9AU*	JA1JAT	SV1GYG		UR5WA
OH8LXT	JA7MYQ	W3OA	296	W3JX
PA5TT	JJ1TKN	W6TC	AD6W	W9FR
PY7DJ	JM1FHL		CT1DOF	
RA9CMO	K4XD	299	DL1HRN	293
SM3NXS	ON6AA	DM2DXA	EC3A	4X1RU
UY5AA	RK4FD	HB9RG	EV1R	DL1SMA

DS1JFY	AA8R	W1YIF	SM0CCM	JA3BXF
EA3WD	CU2DX	W2LE	W4MAY	JH4HMG
HB9BAT	IZ3ENH	W2NO	W4UCK	JO4CFV
IK8VRH	JA1KQX	W3FOX	WK7E	N2WB
IW1QN	JF1NZW	ZS2EZ		N5GH
JA2CXF	JG1OGM		284	OZ1IKY
JA3XNH	JH3GCN	287	7K1PTT	SM0NJO
JH0BQX	K8ROX	9M6YBG	AB4SF	SM5ENX
K4JAF	LA2QM	AA8LL	CT1BWU	W0LS
K5RT	N9DED	IV3GOW	CT1FPQ	W8KEN
N2LM	PP1CZ	JA5FDJ	EI9FBB	WF2S
PE1L	RD3AW	JA8DNV	GM3YOR	
S55DX	S57AT	JE2OVG	JA3DY*	280
W7BEM	SK3PY	JR8AMF	JA8CJY	CT1EAV
WA3C	SV3AQR	K0AZ	JG3SKK	EI6FR
WA4FFW	UN7TW	KI5BLU	JH3KAI	JA6TMU
	W2LK	LA9GX	JH3SIF	JN7DOS
292	W8AV	OH1JP	OE3HWC	JR6LLN
DL5CW	W9HBH	R9SA	SM6CTQ	JR7FRW
DL6JZ	WA1S	SM5ARL	W2AY	K1CA
EA5AT	WB9EEE	W1VT	W4FQT	K4WNW
G8DX		W4YCH	W5ODD	K6BV
HL2WA	289	WA6F	W8HC	N2DPF
HL3GOB	DL9TJ	WN6W	WB2BIN	N2JJ
IZ3ETU	I1FQH			NV9L
JA0DET	JA8EJO	286	283	PY2DS
K7ZD	JG1WSC	AB5A	HK1MW	SM5CZK
N5LZ	JH1HHC	CT3HF	JA1RTX	US0YA
N6UK	JH4GJR	DL2VPO	JL1XMN	UT7UV
N8II	K0TT	GM3PPE	N6PSE	VK3HJ
R6AF	K3UL	IK0AGU	OE8SPW	W8LGJ
W6NWS	KK0M	IZ8XQC	ON5UE	WA0MHJ
W6SR	KQ4AV	JA2FGL	SA0AQT	ZS4TX
ZS1A	OE2GEN	K1LPS	W1LW	
	PU2POP	K1RO	W5ZG	279
291	R0FA	K5PS	W6BJH	HL4GAV
DF2GH	VE3EK	VE1JBC		JA6QHQ
EA6ET	W8BBQ	W3GQ	282	JA7HRM
G0EHO	W9YSX	W6PJ	JA5BGA	JE8TGI
JA1QXC		W8AXI	JH3FHQ	JH7BKN
K4ZO	288	W9MJ	K5UO	JK1UNZ
KP2A	AA6AA	WS5W	N4JQQ	SV1FJP
LA3MHA	CT3MD		NA5DX	WO7R
LA5HE	EA5KA	285	NT0V*	
LA9VFA	JA2JRG	DL2SWN	PC3T	278
N2TN	JA2XCR	EA3GHQ	UA0BA	9A4T
N8LJ	K0GD	IZ8DFO	W4OX	EA8RR
N8PW	K1DT	JA0PE	XE1KK	EI9JF
OH4UI	K3WW	JA2IYJ		F2NH
VE3CFK	K4RG	JA2VMU	281	F5PBM
W1EQ	LZ2JE	K6GXO	AD5Q	JA4VLK
W1OPD	N3VA	K6PJ	EA5OX	K2UR
W8TN	N4LR	KJ6P	F3AT	N4HB
ZL4TT	N6TA	LA0FA	IZ4DPV	N9ISN
	OH1ZK	LA8HGA	IZ8FDH	N9RD
290	SM4CTI	NN4X	JA0KJE	ND4X
AA4A	UA3AGW	OE1WHC	JA2FCZ	OZ4VW

RN9N
SM4AZQ
VE3CRG
W8MHW

277

DS5TOS
EI2CN
EI8IU
F5UJK
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K8UT
N6RV
ON4CAS
UW2ZM
W1KSZ
W1YRC
W2PP
W3BW
W8RLS

276

DK3WW
HB9BUN
HB9LCW
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JA6GPR
JA7FWR
JA7LMZ
JA8UIV
K6EME
K6IPM
LB2TB
N5MOA
NK0S
OZ1LCG
PA7RA
RX4HZ
SM5CLE
UN3G
W1ZT
W2OIB
W3ACO
W5GO

275

DH2PC
DS5ACV
IV3VBM
JE1BMJ
JF2VAX
JI3CJP
KA1ERL
N7KA
NF1G

NU1B
SV5DKL
W7MEM
WA0RVK
XE1MEX

274

7M4AOE
EW1KP
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JA8ZO
JH1IAQ
JM1GHT
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K2SN
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K8DV
K9MBQ
KA8SYV
KA8ZPE
KS3F
RA5BM
SP6JIU
SV9AHZ
UA3ECJ
VE3YF
W0EWM*
W8QZA/QRP

273

CT3KN
DL9FCY
JA1KPH
JA2TBS
JA6BEE
JM2RUV
JR3UIC
N4IG
N4QQ
OZ1ACB
RW7M
VK3BDX
W4HG

272

AF9H
I5OYY
IK5PWN
JF1LMB
JH1OBS
K1UU
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K8BL
K9FN
KB1EFS
KI4GE

N5BO
N7XR
OE5FIN
PA0ZH
PY2WC
SM7IUN
SV1ACK
W0JM
W1MK
W2OO
W3AP
W3ICM
W5DM
WL7E

271

AA4FL
IK2DZN
IZ8EJB
JA8FFM
JH1OCC
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K8RRT
LA5SJA
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UA3TT
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WV9L

270

BA4MY
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F9XL
G4XEE
HB9DHG
HL3AMO
IK0UTM
IW7DVM
K0BJ
K5VWW
K7UA
K9JF
KG9Z
VE6LB
W0FLS
W0RX

269

CT3CD
HB9IQB
IK7FPV
IK8EPC
IS0AFM
JA1OVF

JA1VLK
JP1NWZ
KR0P
LA6UL
NW7E
OM4EX
SM5FWW
YB1AR

268

HA5PT
JA1IAZ
JA1NWD
JA1VRU
JH2VVH
K1MAA*
KD4W
KH6M
N2AJ
N3RC
N5JB
N5ZC
NT5V
SM6BGG
W2FV
W2XI
W6RS
W9OO
WA1YTW

267

DL4DW
EA5RD
HB9MFM
JA2QXP
JA7BEW
K7XB
N7BT
OH2IS
SM5BMB
W6DR
WS9V

266

GU0SUP
HB9EFK
IK4AUY
K0DD
K8AJS
N1API
PZ5RA
RA4CA
SV1HEP
W8MET
WB2GAI
WB3LHD
WQ6Q

265

4F2KWT
G3SBP
G3UAS
G3WPH
JA3WLN
JA4FM
JE2UFF
JH1ACA
JR1WCT
K2CBI
N5KM
N9JV
VE3SKX
W9JJB

264

4Z1UF
EA1KP
EA3EQT
EC1AIJ
F6DBX
IK8UHA
IZ0NRG
JA1SKE
JF2WXS
JR4LNG
N1EN
N1GC
N8OC
OH7TV
PA7TWO
SV1CQN
VE6AX
W5PF
WV4TN*

263

DK4TP
DM2RM
EA3CJ
EA4DL
HA7UW
JA2FBC
JA7XBG
JJ1BMB
JK1VXE
JN1NBU
K1KO
K4KAY
K8FH
KN6KI
N1RR
NA5Q
PY2MC
W0GG
W1KDA

WA4LOX	JE1HRC	IK2PZC	JH1IED	DL2RTL
WB4KTF	JH1DGJ	JA1EMQ	JH1VUO	EI2HY
XE2X	JH3FUK	JA6OXT	K0GW	G8AJM
ZS6NJ	JH4ADK	JE1PNX	K3EA	HB9EBM
262	JJ2WOC	K1SM	K3SEW	I0JBL
CU3EJ	K1EFI	N6HC	KI1U	IK0LNN
HI8R	K1ESE	RU1AB	LA5YJ	JA5AFW
I5REA	K8YSE	SV1VS	NE8P	JH1UBK
JA8BAR	LY1G	W3FI	UA3O	K4JKB
JR7GBL	N6MZ	W8MJ	W7HPW	K4VIG
K8AV	PY5IP	WB7B	W8IW	K5IB
LA9FFA	SK7AX	256	WV6E	K8CW
N0RN	SP6A	BH4QYX	253	KJ7TEA
N1SV	TG9NX	EC1A	AA3LX	N4SC
NH6T/W4	WV8DX	F4GVO	AC9O	N5UL
NK4L	259	FG8OJ	EA4DEI	NF4A
NV4B	DJ8NT	IK4HPU	FG4NO	SM3LGO
NX0I	DL9GTB	JA1PBV	HL2EIZ	SM5FQQ
TZ4AM	EW1BA	JH1APK	JA1DDZ	VE3YV
W2/CT1GIF	HL3DE	JH1RGG	JA6IVR	W2JLK
W6JZ	JA8BNP	K4JJW	JA8XQI	W4SK
W7LGG	K2UFM	K6EID	JJ1QUV	W5GAI
W7QDM	KZ5DX	K7GM	K6MKF	250
W9PZT	NI3P	KB9DAK	KE1F	AC9EM
WA3GFM	PY5CC	M0TTB	KM6HB	DJ9RR
WB8ART	SV1FKZ	VK3NX	KV4T	HA7TM
YB2DX	VK4CAG	W8JRK	N4QWZ	IK2DUW
261	W2TB	255	N6KZ	JH3GFA
7K1CPT	W7AH	AA7G	UA0FO	JH6PFY
DK3PZ	W8CZN	AF5CC	W6RW	JL1MWI
F1ICS	258	AI6Z	WF4U	JR0EQQ
IZ8IEV	CU3EQ	F6ECI	YB0COU	JR5JAQ
JA3FHL	DH0GSU	HC1BI	YL2KF	K1KA
JE1VTZ	DK7YY	IV3TMM	252	K3NQ
JH2PWY	E21EIC	JK1OPL	DL7UPN	K7KB
K2FW	EA1RT	K1FEV	G3KWK	K9YC
K7LJ	JA9AGN	K6ZZ	G3NKC	K9ZM
KF9UG	JR4LZX	KR4F	HL2KV	KA9UVY
KI4DLS	KH2L	LU6ETB	IV3KFB	KF7F
KM1D	W1SSN	N1RK	JA1BNW	KQ3F
N6PM	W2GW	VR2XMT	JA4HAW	KS4YT
N9UA	W4LSC*	VU2CPL	JF3PNQ	LB5WB
OM8FR	W5JAY	W0QQ	JF6XQJ	PA0JSE
SM7CQY	W9EWZ	W8OP	JH4CBM	PY2FN
W6DE	ZL2IFB	W9FI	JL1BYZ	SV8CKM
W8GNM	257	WA4CEM	JR1VAY	W4PNY
WA5LFD	6K5YIA	254	K5FZ	W7IU
ZS6WB*	AF4HX	AG1A	W2ZI	WA8MCD
260	AK5X	BA7IO	W3ABT	249
AA9A	DJ0UT	CT1BWW	W7CA	AA9RR
EA8MT	EA1JO	G4FKA	W8FIB	AJ4A
EA9IE	EA7SG	HB9DVO	WA4JQS	G3XLF
FG5FR	EB3CW	IZ5YHD	251	IZ8GGF
JA3VPA	HL2CFY	JA0KJD	9A4W	JH8GEU
				K9NR

N3KN	WB8CQV	JA4ZA	239	K1ACL
N8HRZ		JH1ERJ	HB9DQV	KK0DX
N9PGG	245	JH1WJR	IZ1JMN	KM3J
OZ5NJ	AJ8MH	JR1MLU	IZ2FOS	KU8X
SM4OLL	EA5B	K3WWT	JA0LXP	KV4AA
UN3GX	JA3QOS	K4PB	JA6CBG	N4GN
W8IQ	JA6AVT	K4QE	JA7KE	N6IE
W9RC	JF1WLK	K4YJ	JA9NFO	OE2BZL
WA2USA	JJ6DGP	K7FEL	K2RU	OH3OJ
WB8K	JL3OUW	KJ7M	K2XF	PA0TCA
XE2D	K9GA	N2NS	N8SHZ	W0HBH
YB1RUS	KF7PG	N4XYZ	WA6JA	W2YR
	N0AH	N6HY		W4GIW
248	N2NW	NA9Q	238	WA1PMA
DS5DNO	N4IQ	RC2A	IK2GAJ	WY6N
G3KMQ	N9JR	SM0DSF	JF0JYR	YB2TX
G3VPW	NJ7G		K4JC	
HB9DOT	NZ3O	241	K9OR	235
HB9JOE	OE3KLU	AB5C	KA4RRU	EA7QW
JE2VLG	S55ZZ	IK0WMJ	M0CSD	EU1U
JJ1SKG	VE7TK	JH0OXS	N4PJ	JE1IBI
N4XP	YB0NFL	JP1IOF	SP5ES	K0EEO
SV1IW		K0VSH	W3MR	K5CWR
VU24DX	244	K2NV	W4KA	K8ZM
	DL8SDC	K4KGG	W5LO	N2FF
247	HL5BMX	K9JU	W5UQ	NA5Z
AK5Q	JA1CZI	KV1E	WA4QMQ	NW4M
CT1FUH	J16IHG	N9SF	WB0TVY	TA1CM
JE2EBT	K0KG	NY1V	ZL4AS	W7YW
JK7LXU	K1YR	W5DNT		
JR3VMJ	K8EAB	W5QM	237	234
K1PL	KK1W	YB1TQL	CT1BOY	DF7EE
K2TER	PA3BWD		G0VXE	DK2CC
K3VAT	W4REX	240	HB9CXZ	EA5DFV
NA9RB	W5PJR	G7SSE	HB9HBZ	HB9BYQ
NE6I	W9DX	IW3GJF	IW9DNI	HS1NGR
OZ7FOC	W9MO	JA1DM*	JH1DGQ	I0LYO
S51NM	WA3F	JA2FSM	JR0QFA	JA2OLJ
VU2CDP		JA3NHL	K1RV	JK1BSM
W7IB	243	JH5HDA	KX2A	K0VM
WC3W	G4XRV	KE8UM	N0ODK	K4MF
WX2U	JA1MZL	KF0LA	SM0MPV	KE5FXE
	JA2EPW	KK9H	W2DXE	ND4V
246	JE0ART	KS4S	W8BLA	W3WST
GW4TSG	JF2OZH	N0ABA	W8UN	W7HR
IZ0BVU	JS6TWW	N4HID	WA0ROI	WA5UA
JG3RWX	K8ME	PY2GG	WB8B	WB0O
JK1WSH	N4OA	SP5LKJ	WB8ZRL	
K1XV	UN9L	SV8DOU	YO3JF	233
K8YYY	W1BR	UX5UO		AA9GR
KB6CIO	W4LEW	W0SZ	236	DL8DWL
KC9K	WE1P	W5RF	HB9ZS	DS3HWS
VU2DCC	XE1RBV	W8WEJ	IK1IYU	EA5AR
W1KMA		W9LN	JA1HOM	HB9VAB
W4GE	242	WC2K	JA1JYE	JH1SOD
W5ZO	EI9FVB	WE4S	JA3KNN	JJ2KDZ
W6AER	JA1OVD		JN1NOP	K8BN

N4TOL	229	226	V51B	KU4XO
N9BX	AD7L	AC4VM	W5THT	NJ3K
NE3F	AE0P	I0OSI	W6UC	RU0SN
SM0XBI	DS4GKF	JG1JPE	W7NN	W0BM
W2NRA	G7IRN	JQ1YIW	WB0ULX	WA0WWW
W6YOO	HB9HVG	K2BA	WB7BBQ	WB0N
WB2KSK	JA7QQQ	K2SD	WN6K	220
WD8PKF	K0HD	K9TF	ZS2Y	AA4LR
232	K3FM	LB6KC	223	AA6RR
AH0U	K4CMS	LU4FW	AB4UF	DL4LAM
EW4C	KD1F	N2KX	AF2C	I1YDT
HB9BNQ	KK4OK	N5ET	EA7DUD	IT9ODQ
HL2ZN	KW1DX	N6BM	I8MTQ	K1DJ
JA5NPV	N2SQW	N9AOL	IK0WRB	K1NTR
JH6DUL	N4NW	NA2AA	IK2RZP	K1TZQ
K2HAT	UR5FEO	NG7M	IZ8MBW	K3SX
K3SF	W1WC	TF3DC	JE4RAL	K4EU
K4ST	YB1TJ	225	JP1GUW	K4MIJ
K5CD	228	AA8SW	JR0AMD	K5MT
K5FNQ	7J1ADJ	DK5RL	K6IPV	K6MM
KB1DMX	AA0MZ	DS4AOW	KD2T	K7AWB
N3PS	F1RAF	EA2AFV	KI6CG	KO8SCA
NY2NY	F5LIW	EA2AGV	KW4V	KZ9DX
RQ3A	IV3FFI	EU1M	N4ENE	ON4ATW
W5GA	JA4CZM	IV3AVQ	W6GRV	SM7GIB
W6CYX	JE2KSM	JA0EVI	WC4H	UR4IOR
W9ZCL	JF1RYU	JH8NQV	YL2TW	VA7ZT
231	K4SX	JJ1JMZ	222	VE6TL
AD5WB	KE0A	K0OK	DJ9SO	WA9BZW
DK6OR	KE4UW	K1JIU	DL5XL	219
JA2VHO	KE6V	K4JWA	E77S	DF2UA
JF1MTV	RA3QUA	K5YU	IK8GJR	F5JSD
JH0AWC	VR2CH	KN4PPD	IZ7AUH	IK5QPS
KD6UO	W1LE	MU0FAL	JM1VRW	JA1FJJ
LZ2XF	227	W0FG	K1NJ	JR7ILA
NA4EA	DF8FT	W5GZ	K2AT	K5JZ
SM7NDX	DL2RUM	W5TFW	KB5UNX	KG6I
W4UDH	HB9HIT	W5VQ	KK2M	KI7AO
230	I0MWI	W8UV	KX4TT	KR2Q
G3LUW	JA0DWY	W9KVR	NN2D	KU4BP
JH7WQX	JK1SQI	YO9FNP	RA4P	N1KC
JI1VVB	K0IL	224	VK5GR	N2ZA
K2SY	K0NV	E70T	W1DYJ	N6DX
K9WX	K1GE	G4ZOY	W4WN	NN9X
KR6C	K5GH	HL5OC	221	W5DAW
SM7WVZ	K9GWH	JA8NFV	EA2AAZ	WA3I
VE7BV	KA1J	JH1OGT	IK0CHU	WQ5R
W2KA	N1NU	JO1LVZ	IZ1JLG	218
W8LMG	N4SV	K0LB	JI1NJC	DL2NOM
W8WVM	N6OJ	K1CBK	K4CGY	DL4NBE
W9YE	SP7ICE	N3RW	K4MV	G4VMX
WB2NPY	W4DEE	N7WO	K5DV	I7PXV
WW8W	W5SL	RW4CY	K5ZQ	JA7FAS
	WA9GON	SM7BHH	KK4OW	JH1FVE
	YE4FNN	SP6AXW		

K3DFL K5ALQ KB2FCV KE3D LB2HG N4JT N8AYY N9KW ND3L W3BJ WA2NPD WB8BZK	N8NN NU1O W0TT W1JGS W4IS W6HDG W6KK W6SL W7JY* WA6HBR ZL2AL	JJ1KZZ JO4JDU JR1JGA K0KP KT2C M0HIH N1BY NY6C SM5ACQ VR2XLN W6WF	KW4CQ KZ1W N4HN N6ZN NN5E NW6S PY2RN W1FA W5FPT WA6G ZS1J	WA3WZR 205 AC9S DL6UNF GM0VRP JA0CIU JA4DHN JA7JM JA7MNF JO3WHB K4YYL KI4WCQ KL0S KM4VI N2KI VU2LBW WA4MME XE1J*
217 7L2QAD AA4UC JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH KK8MM N4FN N6QI OZ0J W0TM WB6CJT WI7P WW2DX YO3IPR	214 3A2MW AB0X DJ3AS JA7DPC JI1WLL K0QQ K2AZ KD1AB N6PEQ PY2RO W0KCJ W2CQ WB6BFG WY1G	210 CU3AN JE1PHH JH6RTO KD8RQE LA6OP N4TD N8BK S54A W0UC W5WP W7FP W9IL WK8A YB0DJ	207 9K2BM DG5LAC HI3T JA7MAD JE3EDJ K0PX K4GO K6ZP K9FZ* KB5HC KE1VT KK9T M0IKW N9AKR OE1JIS ON4ANN RD9M VA3OKG VK2CA W1MJB W9QO WA9DU YB0MWM	204 JF1KML JL1GYZ KM9E N5QS N7ELL NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
216 CX2CC DJ3XG I5XFD IT9AAI K5VR K7LV KR4W KT4AC N7WS NC4RB PS8ACL W0SR WB3D WS1L	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JR1EFG K9SG KD4SN N8GP NA2M* VK3FM	209 DF3EC DL4FAP JA6ENL JH1FNU JM1SZY K3NF KB4MRX KQ5M N9XX NW7US PU1KGG SM5BNK W1AW W5AAJ W6DCK W8HMK	206 7N4SQJ AG5W CT1HHP HB9CRV IK3GBG IZ0GYP IZ4DIW IZ5FSA IZ5MOQ JA4DNC JF1IRW K0MN* K1VI K8NK KK5OQ N7NF N8BJQ NJ1H W7IUO	203 EA5HM F5NBX IK2RGT IZ0BTV IZ0CKJ JA7JPZ JH8NBJ K0CS K2CYS K4OY K5DCW K8YE K9OW KA1DJ KB7AK KM7R N4TV N6PAT W3BNN WA3FRP
215 9H1EJ AA7XT HB9IIO JS6QOM JT1BV K1ZJA K2XB* KF4NEF KO6KD	212 F4WDL JA1BWA JA3LDH JP1LRT JR2PZX KC2SST KL7TC OH2LHE PP7LL SM5AOG WB9PNU WK4Y*	208 7N3IJT EI5GSB G3WW HP2NG JH0NOS K0THN K2PF* K4WES K5RJ K7PT		
	211 BV1EK			

202 AE4M IK5BOH/2 JF2TJJ JR1IZM N8WD PT2ADM W3NS W4RDX W7TUS W7VY WE2N WN7J	N2RR PB9FN V51YJ W9RXJ WB4YDL 198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI 197 4X4MF BA4TB EA1DLU K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H 196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JP7FSO K1JD KA5JSM N2GZ N3QE NA9A OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL 195 CT1ELF	JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T 194 A65BD EA1WH EA5ZR EA6LP JK1DDG K1LT KP3AH KR8T SP6Eiy W2OR W4DC W5UHQ W7PAQ WA1NXC 193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV SP5IXS SP9IZV W8NN XE1YD 192 4X6KJ AD0K F6FYD IZ7GIT	K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE 191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG KM4HQE N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I 190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS K7UT K8ZT/QRP KD0AA N6MXU OH3PYY OT1A SM0BYD WA8LRW	WB4GLI 189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W2CG W4AEJ W6DPD YB4CHP 188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE OZ9XU WV4V YO2DFA 187 AF6PK JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV 186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ K4WM K5EWS K5QX
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K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K7LAZ KG4JSZ KS0JD LA5LT N8NA N8NB NG9J VU3CAU W6FL W6SFK W7WZ	JA3EEM JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* N7JB SP5ELW VU2MSA W0ZS W1HS W4CCS W4GHW W4TUN	K7STO KK7YC KT8D N1JP VE1VOX WA3GNW WD4IXD	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	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	175 4O3A IW1PUR JA1PVX K1ROA K4WY K6NR KD4POJ KF6HI KN7D KW4J N7GCO N7NG NS3L UA1OM UA9AGX VU2YYF YB1RKT	172 AA5N G6MXL HK3PJ HL1MKT JF3VEC K5TA 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	180 A61BK AA4AK IK1ZNM JE3PCP JH1IZR K8SL KD3HN KI6MQX NA5S VR2XYL W4DSM	177 4X6UU IW8CGX JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	174 AG4Q DL5KUA JL6USD JR3TOE K0PC K5CR K9HQM K9UQN KN7Y N7NW N9IO W5WI W7JET WA4BIM WA4NUF WB8QZM	171 AD3C CT2GZE DL5MM F9CI G0THF IW5EIJ K2TV K4NTO KB0V KC5LK KP4DKE N7WI N8WRL ON6MX W0MU WA4DOU WA5KBH
183 JA2KSP JA3UNA JA4GXS JE4CIL JF1LZQ K6LRN W6TK WA7BNG YB2TS	179 AA5TL AB4GE DL5MHQ G0OSK JA1BON	176 DL6NW F4FLF HL1VAU JR1FHP K2RET K7CTV	173 AB6CF AE0MO AI9U EA3HDZ HB9DVZ JA5MOO JJ1BDX JQ1PCX K6UNE K8JE K9QJ	170 AC0W AD5MD DL2JIM EI5KO EI6AL JA1GVT

JG1GJH	WL7OU	LA2XPA	VA2LC	KM2E
JJ0LZQ		N1QY	W1OK	KM2O
K3GT	167	N2RJ	W1XV	N0IW
K4SAF	JA8BOV	N3KS	W8FN	N4MEC
K6JJ	JJ3BFC	PT2ND	W8MIL	N5WA
K7CU	K3GGN	RA0BA	XE2YWH	N8IL
LA2GH	KB8NTY	RL3BZ	YO3DDZ	NI5F
LB7ZG	KE3X	VK3TC		W1TO
N3WD	KH6XT	W2FS	162	W9FF
N4VN	N1ZJ	W4CIR	4F1OZ	W9NIO*
N6EM	N4PL	W4DWS	AB1J	YO8CRU
N8VV	N8OQ	WB2WPM	BH4IGO	ZS1C
NJ6W	NF7D		DJ7JC	ZS6RJ
NX4TT	NZ3M	164	DS3EXX	
SP7QHR	PY2SEX	AC4BT	HB9GWJ	159
VE1OP	WA0SXV	CT3DL	HS8KAY	AA3AZ
VE2YG	WA5NFC	DL7JRD	JG2LGM	AD0TR
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W4PGM	166	IZ0GVZ	K2HT	DK8IZ
WA4USA	AL7R	JE2DOD	KC4HN	EA1P
WA9IVH	DL1SVA	JR7XOD	LX2SM	IZ0FUW
YO4AUL	GM7NZI	K6CF	NP3CW	JA0ED
	HL4XM	K6GFJ	NS4X	JG1WNO
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DM3CW	JG3KMT	KD8MQY	W4NBS	KN6VTC
HB9GIV	JR6GHN	N2XQM	WA1LAD	KO4DKI
JA1KXT	K0FLY	NA2P		LA8ZAA
K1EDG	K0SRL	PT7DX	161	N1MD
K8ZZU	KN4FO	S50B	9M8DEN	N4GBK
K9OT	KR4BD	W4IDX	HL3ERJ	N4VG
KI2D	KR4DA	W6SIY	JA1IHD	NE5S
N5MT	NU4Y	WA5CMI*	K0YL	TF4M
N5SIX	SV2CLJ		K2OP	VA3NXM
N6MB	VA7DX	163	K3GW	W1EBM
RD3BD	W3DIY	AA4OC	K4AR	W4MA
SV1IZY	W4PGC	AI4QQ	KM4A	WD5BJT
W0AIH*	W8SAX	AK9B	N7QT	XE1MW
W7IAN*	WA1ZIC	EA1AZ	N7VZ	ZS6C*
WA6QGH	WA5NOM	F4CPF	NA6XX	
WB8EKG	WB3JFS	HA5BSW	NA7RH	158
	YO3AIS	IU5RTR	OH3DP	9J2BS
	ZS6IR	IW0ECV	OK2ZDL	G4SGX
168		JA0MRW	SM3PHM	IK3DVY
A92IO	165	JH1BHW	SP2LLP	JJ1KXB
EW1P	AG6HE	K0ABC	W5RDW	K4HQB
JA0PZJ	CU3HN	K0CF	W6DOE	K5DXR
JA4FKO	EI5JL	K3GO	W9GG	K8GWU
JH1ORA	HB9MXY	K4GN		KB2XJ
JH3EQP	IK0XIH	KE1B	160	KF7NN
KB7QFE	JE4WOK	KW4MM	AB2E	KJ7NO
KF0RQ	JR1KBJ	LA1CO	EA7LS	KV7N
KF9LI	JR6LDE	N0AMI	F1OBJ	M0MCV
LU8ADX	K3VPZ	N4KM	JA1ITJ	N4XXM
LX1CW	KC3AK	N7KDT	JA1UOA	N6MM*
OE1ALW	KG4CUY	N9LEO	JM1JZN	N8TFD
R4FAN	KG5NP	R3IS	JR1CAD	PY2CP
SV1XV	KO4PRE	SM7CZL	K7LY	W0JMP
VR2MY				

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W8OM	K2CJ	DF2WF	IT9ABN	KA3GWD
WB2RAJ	K2DF	DU1KT	IW7EDZ	KB8ZUN
WB9ZNZ	K4EZY	G4AFJ	IZ2MHT	LZ1MDU
WT2P	K8WHA	IK5BSC	JA7GZM	N1ZZ
157	M0IFT	K2EK	K5HK	N7TM
E20YLM	N5JEY	K4RDU	K6VVK	TF5B
EI2JD	N8IK	K6LPO	K9RT	W3IZ
JA1UBZ	NO9E	KD2OV	KI7M	W4AFB
JA3MHA	NU1T	KE9S	KX5U	W4AG
JE3OUW	OE1HHB	N2TC	N0TK	W8VI
JG1XBM	UT7EC	N9GKE	N6JOJ	W9GM
JH2AJY	W3DQS	NJ1Q	NC6RJ	W9MAK
JH2NWP	W5SV	ON4LG	NM4SH	
K9UO	YB1AYO	ON8PHD	NZ6N	147
KB1HY	154	R9JX	ON6ZV	AB9KZ
LA2IR	AC8TO	W6RFF	SM0BSO	DL6DCD
N0LD	DS5WQT	YV4DYJ	TF3Y	EI7GY
N4QM	HB9ARK	151	VK1AX	G3VQO
N9AZZ	I4JEE	AE5B	VU2NXM	IS0/YO3RA
N9MB	JA0GZZ	DF1IR	W3KB	JK1OTP
NH6L	JA4HXF	DL4KUG	W3UNX	K8MRT
NJ6K	JA8ANQ	IK8OZV	W4NE	KB9LIE
NK7Z	JE6PJP	IZ0FYW	WA1W	SV8RX
PY1NS	JR3QHJ	J68HZ	149	VR2VGM
W3HKK	KC1ERO	JA2BUR	7N2JZT	W3KN
	KC4DM	JE1COB	DL1MEV	W3NRJ
156	KJ2U	K1IG	DS4DRE	WB8TGY
AA4DD	KL7NW	K1QN	ER0FEO	146
EA3HPX	NE5W	K4DET	JA0JPD	AB9BH
F5NNN	VE3FAC	K7LAY	K2KIB	EA4D
G4FTC	W5TMC	K9AAA	K4TXJ	G3LAS*
G8BCG	W8TM	KE4BKL	K8SMC*	HP3TA
GM3WIL	WA9MAG	KE8G	K9EXY	JA3KWZ
HB9HHH	153	KK4CLY	KD4EE	JK1AKA
IU4BJC	HB9BEM	KQ5S	KP4DS	K7QBO
IZ4IRO	JR0GXA	N4AA*	N0LGU*	K8ARY
JA1CCG	JR7MAZ	N7MB	NE0U	K8POM
JA2ODB	K8RCT	NU4I	NR0Q	K9AAN
JA9RT	K8ROK	SM0NUE	NZ0O	KM8AM
JF2RSF	K9MMS	VA3EJN	RT0F	N1BRL
JL3DGI	K9UWY	VA3HP	UA9MC	N4KEB
JM1LPN	K9YZ	W3HER	W1DAR	N6FS
KA9OKH	KC9WPS	W5WLA	WA1EHK	N6RK
N5QZ	KK4XL	W6WA	WB1ASL	N9MR*
N7RD	N0VVV	WA6MRK	WF7T	N9XG
W1MR	N5JED	WA9JWL	XE2B	SM3DXC
WA1KXV	OH3FVP	WB1DX	148	VE3NKS
	SP5NON	WC2C	4F3BZ	WA2MUA
155	W8PE	150	A71AM	WA3SKQ
5P5Q	W8VK	DK3BK	AI6P	WW8RT
DK3QM	WB4SON	DK3FB	CU7AJ	WY9V
F6KOP	152	DL9SAD	JF2AIJ	YB1BML
IV3TDM	AC6BW	DM5JBN	JR3PKO	ZS6UT
JA0EBV		EA7LL	K5LY	
JA6SUY				

145 5T5PA AA5H AC7JM AL7TC EA4S IZ2CSX JA5SEY JH1CTV JJ1OKK K3EJ K5FXB K6CW K7YMG KF4JHG KS0M N6KK W2RS* W7NP WR7Q	TG9AJR W4JVN W4UFO W7VS WY0V	W9BS WW6G YB3MM	137 DL2RD G3PSM JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KI0HA KM4CQG KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W4VG W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	JM1CMA K4OP K5SES N6DW NX8Y S53MJ W5IO W7QHE WA7HR WB3AVD WB6FWS WB9IWN WO5I WT3Q WU1U YO3GJC
144 AD7Z EI7JZ GM0VIT JR1HYA K1TKL K8OS KS8W N5PD N5UE N9MSG RN0C UY2UZ WB1S WX2CX WX3P	142 HB9TJG JA1PUK JI1UHZ K1AJ K4AU KA6BIM KE7BMG LA1J N5RN W8WV	139 F5VML F6FHZ HB9DTE HL4CBX K0QB K2IRM K2WJ K5KEW K9TRV KB8KIM KX4I M1EMC N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB* W4EJG WA5YNB ZL3TE	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	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
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K9BQL K9MQ KE4FW KG6D KI4R KJ4R KN7K LB2TG N2YBB N4UP N7ZA	140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N7TW NS0D NZ9Z* PA0QRB VA6SZ W5VU W7SX	138 AC5AA DL5KUT DL5ZB DS3EXT EA3NG G0FWX GM1TBW JA0CVC JA1VRY JA6NQT JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KU9S N3PV N9BVA NT9F OD5YA PV8ABC V31CQ VE3MSC W0UHL WA5POK	135 AB4FH DL4ZAB DL6WM GM1BSG GM5YTT HZ1GW IW1GEU JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD JA5IBP JM1JIV K6ME KD0KZE KG6WIK KI4TZ

LA9KY	130	JH1AWJ	VU2TMP	WM4AA
N1BKB	AA4QE	JH4GXE	W0MF	WR2G
N3HYB	DL1SWN	K0MD	WB2KSP	ZL3PAH
N5EI	JA2LMY	K6OJ	WB9TFH	124
OH4KRN	JH3PRR	K7PTC	WC2L	DJ3EJ
OH7HM	JL4BSE	K9YKL	126	EC4KW
VU2ABS	K0BX*	KC2THY	EI4HH	EI8IQ
W1GY	K2MHE	KC2WUF	IK4TVP	G4RGK
W2FDM	KB4DSL	KD5R	IU8GNY	IT9YOZ
W3GP	KB7V	KK7BR	JA5CDL	IZ5BYJ
W3MF	KD4CM	LU6XQB	JA5XPD	JA3AOP
W6OUL	KG2U	N0JR	JA8WGX	K3SUI
W9SE	KN4JX	R3BB	K0AIZ	K7HC
132	N0YO	TF3MH	K2GLS	KB8DID
7L3SQL	N1SZ	UR9IDX	K3LL	KC2NJ
AA4FU	N2YF	W0QD	K5KDX	KC4AA
AK3E	N6BDX	W5MF	K5WRE	KD9ZR
AK6I	NS4F	W6IS	K7PO	KE8NOA
I8NLC	OZ6TL	W8BI	K8GT	KK4TKJ
IZ0COI	PU4MMZ	W9EBO	K9QA	KV8P
JA9KRO	W1MO	W9TO	KC5RR	KY6AA
K4BNF	W4BH	WA2BOT	KK4CB	N4LSJ
KG8OU	W9CTJ	WA4UWD	N1GNB	N5VBK
KI7HO	WB8RFB	WC4V	N5HC	NT4K
KK5ID	YO8PS	WP4CQ	N8YQX	W0DD
M3DFW	129	WQ1H	NC7M	W6ND
N3TR	AD6KQ	YB0AZ	PV8AJ	WF5I
N4EDT	AE7U	ZS6AKU	VE3TMG	WW5L
N4QOG	CR7BRV	127	VK2DAG	ZL3REX
NN3V	DS4EJA	7Z1HL	W3ATV	ZS6NK
ON6YH	DS4OMS	AG4TO	W8PAT	123
OR4K	IK8PGE	DJ5DT	W9COS	AB4BJ
OZ3SK*	JA1PLT	DL5FAC	XE3E	A15EG
SM7DXQ	JA2ACI	EA4TX	125	DJ6OZ
UW7UA	JA3WMS	EI4BZ	AB5GU	DS4DBF
W3KHZ	JH1RFM	HK6K	AC4XO	G6NHU
W4MC	JN1SUT	I2YPY	AF8C	IK0XKP
W5FL	K4CNF	JA0BES	EI8GS	IZ8LMA
W7FI	K7ORK	JE2VYM	G4EHT	JA1GLE
WA1HXX	KB4KBS	JG1LRE	IZ8EYN	JA2HOL
ZS1EL	KS4WA	JG5DHX	JP1GVC	JH1RVQ
131	KX7L	JH1HRJ	K1FUG	JL3RNZ
JA9EJG	N9AVC	J11MNT	K4TG	K2JGL
JH1IIY	SM2YIP	JJ2VLY	K5NOF	K3DQB
JK8VMB	VK5CE	JR1LZK	K8YAH*	KB1W
K0ARM	W7TG	K2GW	K9ARZ	KE7AUB
K7GA	WU7X	K7LFY	KK5J	KG4OJT
KA5IAU	XE1ILI	KF3N	NN6CH	KN9N
KD2NF	128	LA2LI	SM5AFU	LA2XNA
KN4WOJ	A71XX	N0AB	W0XE	N1ECC
M0NGN	EA1AHA	N0DL	W4AO	N1GFV
N0AKC	EI3IO	N1BZ	W5CWQ	N6DVR
NG4DX	F4GTB	N3GTG	W6ELI	N9RE
NN6K	HL2DBP	NA1RL	W6PG	OH3TY
W5EC	IZ1UKF	ON5EQ	WA4TMJ	PY2ADR
		VE3EDY		

SV7CUD VE3VHH VU3WUA W2ARP W2WGK W4UT YB9WZJ	TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D	JA2KGQ JA6JYM K0FJ K2CQW K7LOL LU9DO N8ERL N8LCU SV1BYI SV2KF VK7AP W1ZK W6ZPL W8EOG W9JJ WF8Z WJ1B ZL2AO	IS0BZR IZ7QFN JA9KA JM3GXU K0FF K3UT K4AEH K9LCR KA4AHU KB2S KB5CSQ KE9V KG5POL KO4PY KP4ED KZ1X N2IFA N8AGU NG0G VE7NY W3LWH W4ARK W4PG WA6VZN WB4MM WB9WHQ YO6HOY	WA4VJK WT9U WW5RC 115 AA9WO AF7WM E74A HL4RBR IW2FLB JA0NPQ JH8LEY K1RE K8CR KB4CRT KG4URP KW1X MM1PTT N7PIB NE1RD NW6V OE5MPL SP5BMU W4OV W5WS WJ5K WS4H
122 AA0BH AA5B AB5YI DL6LZM G0HSA HC1HN JA9ALR K0HQW K4VAC K5TU K7BWC K9KJ KB4ET N0UCR N4GRC N9ATD UT9LC W1ES W1HEO W1KKG W5HNK W6HB WB2AA XE2MX	120 AA2T AC4TO AE5LK AI2S CT7ABD CU2CE DS3DNT DS5QLJ F5AQB IK8IPL IT9JPS JA1DCO JH5OTE JJ1XVA K3QB K4IE K9CHP KJ6Y KM5VI LU3XX N1TQP N2SO N3DV N3GS N4PGL* N4UFP NJ8G NR2D VE3QAA VR2ZXP VU3RGB W1RG W3MRL W5RYA W6GJB WT5L	118 6K5AQY AE1T AJ6X DJ9KM IZ0RPS IZ1JIZ JA1CCH JA2KPW JA3KKE JA6CMQ K9KJS KA9JAC KB3KJ KD9BIE KG5VK KM6WXB KX6C LZ1XZ N2ADE* N2CJN N4ZY* N8KUS NA9L R6TY VR2CC W1MJC WA7ZXD WA8RCK WB5TOI WD0ANB ZS2I	116 6K2ILX AA0FT CT7BQH EA5GXI G8GHD JA5GOJ JF1AZQ JT1CO JT1DN K1EO K4GHS K4LCP K8JRK K8MN KC1RET KD5RBU N0ATQ N2ZL N3CAL OE6CLD RW6MBC SM1NJC VR2IL VY2RU W1HQ W7QC* W7WES W9LU	114 EI2IP EI4GNB G3CWW G4HUN HC1HC I0BJV JA1CPU JA8EIA JG4OOU JM3XZC JR4DHK K3PL KA1CTL KI8AE N3DD NA1DX NG8T NK5K TF1A TF3G W0QKL W2ZK W8LR WD0AJG WN0L YB2BNN ZS4JAN
121 5H8HZ AK0A DL7UGO HA2EQD IK6BMU JA1CPN JA1EYN JA1WTO JI5WDC K1LTJ K3CWF KK4ODQ KU2A N0TR N3ER N5ZY NA2R NA4MM NY4G OZ6EI PP2FN TA1L	119 DL2VWR F5BAR HL2MHU	117 CE3FZ DL9QJ F8EZE HB9MZI		

113	JH0LME	EA1BLA	N4WD	VE7VV
AB1NS	K0XM	EI9HX	N6RVI	W4DVG
AC0B	K4HEB	G4VWI	N7TP	W6CN
AD7XG	K4ZMV	HB9BEP	N8XS	W7SMW
DL2DCX	K4ZRJ	HG6IA	NN8L	WB5ZAM
EA5DPL	K8CJY	IZ1EPM	NS7K	WB8LEM
EI2FG	K9KDS	JF3KOA	NW6R	WC4B
F5EOT	KW8I	JH1FRW	NX1P	
F8GB	N0OK	JR2PAU	PF7M	107
G0UII	N8AID	K3MSB	PV8DX	AB7RW
G4NAQ	NQ4A	K3WSU	SP7ASZ	AK1P
G4YCS	NZ7Q	K4KAL	T88UW	BG8PA
HB9GZE	S51DV	K4RP	W4JDS	DJ5FZ
JA2CPD	SV2BXA	K6DJ	W5SG	DK2GP
JA4CSJ	W1USN	K6SLO	W7CB	E73D
JG0HEW	W3WN	K9TVG	W7VP	EA2BFM
JH1GNU	W4LLP	KF6XA	W8MSP*	IC8XIL
K1JKR	W5GCX	KF8PD	WA6URY	IW1PVT
K2KNB	WA1DD	KN6HIP	ZS1IS	IZ1XBB
K4JDJ	WD8LTM	KV3W		JA3MAT
K4JLD	WF4W	N1TQ	108	JE1CTA
K4TR	WM4D	N3TTT	7M4CLF	JS1LQI
K7MO	WN1M	N3YZ	AC0XY	K2FJ
K9DUR	WW6W	TF8GX	AC8MR	K2ZD
KA5OWI		W1ZZ	AC9DX	K4LQ
KB1OIQ	111	W5JE	DB9CR	K6DLB
KB2TGU	AK4N	W6TCP	DL1TPY	K7UWR
KC0V	EI9CN	W7UV	DL2AMD	KA4LBD
KH6P	F8DZY	W7YED	DL2NAI	KB0EL
LB8CA	G4ZWY	W8TE	DM5TI	KF2G
LU3JVO	HB9ECS	W9GFB	DU1IVT	KJ4FZ
NC6R	JA4DLF	YB1SKR	EA5XV	KR4U
S52R	JA5EEU	YO5QAW	G5CL	LU5OM
SM7TZK	JA9IWR	ZS5LEE	HL5JYS	N0MHL
SV2DSJ	JE1TNL		IK1RKN	N1UZ
VA3AYA	K2KYH	109	IK7ZLW	NI8Z
VK7ZE	K5NV*	AA4RX	JA2DCN	PP5VA
W1FC	K8ZEE	AC8AZ	JH1OVY	RM6LW
W3JM	K9JIG	AF3K	JR4NUN	SV3EXP
W6BBS	N4NYY	E70X	K3XO	TA1CQ
W7CD	NT5O	F5DBT	K4PWS	UX5XK
WB2UFF	P40P	F8DHE	K8LBT	V31MD
WB9YJE	PT7CB	G0MMI	KC5N	VA2GA
	TA1UT	G4FVZ	KC8YG	W5HY
112	TA2RC	JA1IAW	KE3ZT	W8JA
3C3CA	W6KF	JA1QEY	KG4IYS	WB2BXO
7Z1CQ	W7WT	JH4GNE	KI0KN	WB2MKX
AD4YQ	WA1JQC	J11ZS	KI4SFT	WM4W
AJ6V	WB8PKK	K0FD	KJ2AM	WS7I
EI8JB	WU4B	K0TI	KJ4SKO	ZP6CW
G0DTX	WW4N	K4AEN	KO4XI	
G3YFE	XE1ZTW	K6JAD	LA4EI	106
GM0SCA		K9JE*	LU2AH	AB6WQ
IK4EWN	110	KB3Z	N5FPW	AC7DX
IS0BQE	AG5Z	KB7DT	N5TW	AC8IL
JA4RED	CT7ANG	M0AQM	NJ2X	DS2GOO
JF3AHI	DK4MX	N4LS	TA1HZ	DS5MNO

EA3AGY	JA1JYS	K0HB	K9WMS	WB4PWZ
EW4DX	JE2VVN	K1TWF	KA7CVJ	WB7QBS
F5VIF	JE6UWU	K4KZM	KP4DDY	WD6T
F6JSZ	JJ2BLV	K4WW	KQ6K	WD9IOK
G0OJG	JK1AIA	K5JUC	M0UPL	WN9A
G0RPM	JS2IYY	K6WY	N1MIE	XE1SAX
G3LPS	K0DKR	K7UW	N4MTT	YB0EIN
HI7SB	K0MB	K8WVA	N5OP	YB9AY
HS7WMU	K1RI	KE4YOG	N8URE	YO6BHN
JA3FRI	K5WE	KE8Y	NB3R	ZS2ACP
JA7HYE	K7CMZ	N1FOJ	NI5G	
JF7NNI	K8FB	N3PW	NS7U	101
JJ1IRS	KJ8N	N4PAJ	RX3BP	AA9D
K1XO	KK4MA	N4ZR	VE7XT	AB2NI
K6US	KZ4EX	N8TEM	W0RSJ	AB4EJ
K6VWE	LA9JKA	N8WXQ	W2SUB	AB8YZ
KA9TOX	LZ1JZ	NA8W	W4CU	C31MF
KD2RUY	N2YU	OM6CI	W8EH	DD9WG
KI4NSP	N9APK	OZ9U	WA8KNE	DL3XAC
KM8V	N9IXD	PY2YW	YB1ALL	EA4OR
KT5V	ND4K	RK2M	ZL1IM	EA4UV
M0PCB	NK7L	VE3ZN		EA8TZ
N4DJT	OH6IH	VK3MB	102	G3VDB
N6UOZ	PV8RR	W0VU	4X1VF	G4GEE
N7MW	VU2DED	W5PD	5W1SA	G4PUQ
N8OYY	W0PPA	W7KHZ	DB2WD	G8GNI
N9ZJ	W1MRH	W9GXR	DL4FDM	IK2HLM
NG4C	W1PY	WB4HMA	IC8SQS	IU2LFP
NI7F	WD4OHD	WB7QXU	IZ7QSS	JA1KZP
PT2DF	WK3A	WX0B	JH1IHG	JA5ALE
PY2OC	WK7W	YB1BUL	K1MDA	JA5JUG
UA0ABB	WZ9B	YO6HSU	K2DH	JK3NSD
VE3BHZ	YV4EH	ZS6HON	K2DW	K0GEO
VE3XK			K4HR	K3AXB
VU2MB	104	103	K6BLG	K3LA
W0TLX	7N4OBV	AF8P	K6JAV	K3SNO
W4/KL7GLL	AA2WC	DS5JMG	K7JH	K5HX
W7GB	AA6XV	EA2RY	KA8HDE	K8ESQ
WA3IIA	AJ4AV	EI9GLB	KB1AWM	K8PGJ
WA8Y	CT3DZ	FM4LV	KO3F	K9GL
WV4E	DD8BA	HB0RER	N2FY	KB5YN
YO4CPO	EA4EJP	JF1KIG	N4IR	KC3OPI
YU1LD	EI3HA	J11FXS	N8KOJ	KC4ZA
ZL3RIK	F6ARS	J15RPT	NA4D	KC5W
	G0DRM	JP1KHY	NN5O	KD4SR
105	G3VAO	K0FTC	R9GM	KE9UA
AA2F	GI3SG	K0JDD	S51MA	KJ5RC
AI1W	GW0ANA	K0LU	SM0XG	KN4AMX
AP2IA	HA5DI	K0OOK	US8ZAL	KU4A
DL9GTK	HB9BMY	K1FBI	VK2GR	LA3ANA
E29TGW	HS3OY	K2RNY	W1GF	M0PTZ
EA2AA	JA1CC	K3PIN	W4ASE	M5LRO
EA4E	JA1DHY	K3TXW	W7FS	N4PF
EI6GF	JA1RBY	K4NI	W7HJ	NC8I
FM5FJ	JH1MYJ	K4SAW	W7IMU	NZ1I
G3LOJ	J14HKA	K6XJ	W9GWP	OZ5JQ
HL4GHT	K0BRO	K7HV	W9TVX	PA3AIN

R2ARR	HB9HFM	N4GOA
RZ6MJ	IK7NXU	N5CR
SV4FFL	JA7PKV	N5LJL
TG9AKH	JE7KCI	N5LKE
UA4PK	JG3LDD	N7WFK
VA3QBR	JG5VFK	N7WR
VK4BUI	JI1LLD	N8HM
VU2OT	JN1RFY	N9MKC
W0ZX	JR4VEV	ND0B
W2FDJ	JS6UOU	NE3K
W2GHD	K0PG	NJ8J
W2GM	K1HC	NX6D
W3RMS	K1JX	OM2AGN
W3SW	K1PTF	OZ1GCT
W4PM	K2UF	OZ9GA
W6OU	K2UT	PY5VC
WB5KSD	K3NO	R2AB
WM5H	K3RRR	SP7LPD
WU6K	K4GM	UR8IDX
WX7B	K4KYN	VA2EU
XE1AO	K4QS	VE1JF
YB8HZ	K4RSA	VE3KKB
YO2OXD	K4TMG	VE7ON
	K5LLA	VR2PX
100	K5MMH	VU2OY
2E0XAR	K5PSN	W0RMS
7L3IUE	K5VSD	W0WT
A41ZZ	K5YE	W2MW
A71EM	K7RB	W2PTP
A71UN/P	K7VL	W2XX
AA7UN	K8DTF	W4CG
AC0DH	K9EA	W4DFU
AC0WL	KA2F	W4YR
AD4J	KA4H	W5YKU
AE0SQ	KB2GCG	W6OZI
AE4VJ	KB5RW	W9KM
AF4OZ	KB6IGK	W9ZT
AF9W	KD1DT	WA2ALY
AI4EY	KD5FVZ	WA2VJL
AK4AO	KE1IU	WA3UTC
DB6VH	KF5MDZ	WA3YZD
DC1TK	KF5TL	WB0RXQ
DK1MCS	KF9EX	WB2ZEX
DK7GH	KI0G	WB6RAB
DL3ANK	KI3O	WB6RJH
DL5JH	KI4PG	WD1M
DS4GQR	KK6MF	WD4GZW
EA5PS	KL2R	WD8CW
EI2HZB	KL7KK	WI0E
EI4DQ	KL7XO	WM9Q
EI4GJB	KR4Q	WU1T
EW4A	N0JX	YB6LAY
F5JWH	N0KM	YE1AR
G0GFC	N0VTZ	ZS6CR
G8GFF	N1KI	
GW0KRL	N3NVA	
HB9AJY	N4FKH	