

ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 14 May 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 RTTY awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

See the [ARRL DXCC FAQ](#) for details.

348 K2TQC SP5EWY	KF2O N6AR	W7UT	W0MHK W1YY WD5COV WK3N	WB9Z
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK AA1V DJ6RX DJ9KG G3KMA JH4IFF N0AT N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK	332 AA7A DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT5UGR UT7QF W4DKS W5BPT W5ZN WB6RSE
346 N1DG SM3EVR W9ZR	340 EA8AK JA4DND K4UTE SP5CJQ	336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM	331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5HOT SP3E W5OZI W8UVZ
345 HA0DU JA2VPO OH1XX	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK		
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			
343 DF3CB K3FN K4MQG VA3DX W3UR				
342 JR2KDN K4DY K5UR				

330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA F6BKI HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYU K9CT KD5M N4JF N8JV N9IW NR1R OK1MP* RA3CQ VE3FF YO5BRZ YU1FW	PY5EG RU3FM SL0ZG W1ECT W2IRT W4UM W5FKX	JF7XKY JH8RZJ JS2LHI K9EU K9IR OE2LCM ON4IQ R5AJ SM4EMO SM6CCO SM6CMU SP1S SV8CS W1RM W6RLL W9OP	W8OI	320 CT4NH DF2RG DM5EE FK8CP I2EOW JA3PIS K1LD K4EM N4II SP7VC UY5ZZ VE3EXY W3KX W6XA YV1DIG
329 GM3POI IT9DAA IV3JVJ JA2JW JA7KY JA7MSQ JH1GZE K0EU K1HTV N5AW NI0G NO8D OZ1CTK R4GM SP6CIK SP7GAQ SP8NR W5XX WA1JMP	327 AB4IQ CT1APE CT1IUA DK5WL DL2OE EA1YO EA5BM I4EWH JE2LUN JH1TWT JI2KXK JI8DGO K0DEQ KW9A N6JV PY2YP RZ3AM SM2GCQ SM5CZQ SP6M SP9DWT SV1RK W3NO	324 DK9KX DL5DSM G0DQS G4CCZ I0WDX IK5PWQ JA2BDR JA2DPC JH0INP JR3GWZ JR3OEH K5KC N1NK N8BM* NK1K OE8HIK R3OK VE2Tzt W3LL W9OL WB4TDH	322 CT1BH EA2IA F5PAC IK4GME IK8YTA JA4FKX JJ2LPV K2UO K6FG K7NN KA9CFD KU0A N4DW N4NX OH1LEU ON4CD PA3EWP R7DX SM5KNV UA4CC VE1DX W5CIA W5TCX WI8A WP4U	319 DJ4AX DK1FW EA8AKN IK4DRR JI1DHY JR7VHZ K5MC K6AM N4DB ON4AOI UA3AP W5WT
328 AA5AU DL7MAE IZ5EKV JA1SJV JA6BZI JI4POR K4QL	326 EA5BY JA9APS JF1WPB K5EK K8PT LU2NI N3NT N7RT OZ1AXG SP5DIR W8DCH YO9HP	323 AD5A EA3GP GM0GAV JF1KKV JH2FXK JJ3PRT JR2LJO K9YY KF0QR N5TY* N8RR NY0V OH2BLD SM6DHF UA3AB W7AO	321 AA4V AD1C G3TXF HB9BIN IK2YCW JA0GJJ JA1XEC JA3AZD JH1IFS JH3CUL JH3VNC JH4ADV K2VV KV7K KX4R LA7HJA N4PQX N5XZ OE6MDF OE8RT SM6DHU SV1FJA UT7UJ W4FC W8GC	318 A45XR AA4HP AA8CH DL6KR G4PWA HB0CC JA2JNA JH4JNG K2TE K4IQJ K5BG K5DU LA2PA PY5EW R3VA RA7A RW3RN VE3LYC YO3APJ
	325 EU7A HB9DHK I5NPH IZ0AEG JA2FJP JA5WIZ JE1SYN JF1PUW JF3KON			317 AB9V DK2NG HB9HFN JA2IVK

JO7WXN	314	JA1XCZ	NU8Z	WA5VGI
K2RW	AC4G	JA7QVI	R9TO	
K6YUI	CT1DKS	JH1AGU	RU3DX	306
K9MM	DL6CNG	JH1QAX	RX3AGD	DL1KUR
KE9L	EA6VQ	JR1BAS	SM2OAN	DL5EBE
N2BJ	G3NDC	K1HT	UA4LY	HB9DDZ
N4QS	HA1RB	N1IBM	W2JU	IK4PLW
NE1B	IZ8FFA	N5ORT		JE2LPC
OE1WEU	JA2AH	RU3QR	308	K5WAF
SP1MGM	JA2ZL	SV1CNS	DL2CHN	KD3CQ
UX1UA	JA5XAE	W7CT	F4BKV	N4TL
W6VX	JR4OZR	W8HW	HK4SAN	OE5RLM
WX4G	JR9LKE	WB8BPU	IU7QBB	R8TX
	K2LS		JA1IZZ	R9FM
316	K5AQ	311	JA2WYN	UN7JX
DF2UU	KB0EO	CT1FMX	JA7IC	US5WE
DJ5FI	KC9ARR	IK0PEA	JA9TWN	
DL5WW	LA7AFA	IZ2AMW	JG4AKL	305
G0OIL	MD0CCE	JA2XYO	JH1SJN	DJ4XA
IK2QPR	OE1AZS	JA4MRL	JL1RUC	JA1IOA
JA8EAT	OE1ZL	JR6FC	K0GY	JA2VQF
K3WA	SM4DDE	KM4H	K0KVR	JA7BWT
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K8YTO	SV1JG	PY2XU	K8OM	JE6TSP
KG8P	UA6MF	SV2DGH	KI0KB	JH7RXU
KQ8M	UT9FJ	UR0MC	KN5O	JR2UBS
N5DG	UX0FF	WB9CIF	KS1J	K0JUH
RV3LO	YU3AA	WD0DAN	N8TR	KG4W
SP1JRF			NQ1K	N9AU*
UA3DPM	313	310	OE3SGU	PA5TT
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W7MO	CT1GFK	JF8QNF	SP9JZU	SM3NXS
W9ILY	I3BUI	K0KX	VA5DX	UT2UB
WA2VYA	JA1GRM	K5XI	VU2NKS	W1YM
YB5QZ	JA5IU	K6RO	W2QO	W5AJ
YO7LCB	JA6VQA	K8AC	W5ADD	W5XC
	JA7JWF	K8FL	W6ENZ	YB1UUN
315	JF2UPM	LA9AJA	W9MU	
9H1SP	JG3LGD	NS6C	WA8WV	304
AA5AT	JH1NYM	RA0FF	YS1RR	DJ9ON
AB3CV	JR1BLX	RL9F		DK5AD
AB6QM	JS3CTQ	SP6HEQ	307	HB9CEX
G3VKW	K4SO	W0YG	A65BR	JA2NDQ
HK3W	K6KLY	W4BP	DK2JX	K8GI
JA1ANR	LA7JO	WB0TEV	F2JD	KC7V
JA8RJE	LB8DC	WD9DZV	G0BLB	N7US
JA9CWJ	N2NL	ZS1LS	I5HOR	N9RS
JN3SAC	N8KOL		JA2XW	UY5AA
JR2BJE	NN4R	309	JA3GN	WE9R
K1BD	SP3CGK	AA5AM	JA6WJL	ZL3JT
K8NVR	W9RN	HB9SLO	JJ3HGJ	
N5OK	WA7NB	JA1EOD	K2SHZ	303
OE3EVA	ZS6EZ	JA1VSL	K3RA	E72U
ON4IZ		K1AR	K9RX	EA3GHZ
PY2NQ	312	K8QM	NI6T	G3LZQ
SM3VAC	F3SG	K9ZO	W7DO	HB9TKS
	JA1SYY	NN4SS	W7OM	HL3IUA

HL4CJG	EI2GLB	K9SM	JA1FQI	JH1BAM
IK2RPE	IZ5RVG	KG7H	JA5SUD	K0BBC
IK4ADE	JA1SVP	KT1J	JE1GWO	K4ZO
JK1EXO	JA9AA	W6YI	JJ1DWT	KP2A
K7WP	K3XA	296	JR1DUP	LA5HE
K7ZA	K8GG	AA4R	K3PA	N2TN
K9MK	K8TL	AA8OY	K7ZV	N7IR
K9US	K8VFX	CT1DOF	KZ4V	N7RO
KB1JZU	PA3CSR	EV1R	N0KV	VE3CFK
LA3WAA	UR5EDX	GM0AXY	OE5BWN	W7BEM
RL3FA	W3OA	JA1JAT	RU6L	W8TN
RW4NN	W3RJW	JA7LGE	SV3DCX	W9FR
SM6CUK	W5VY	K6FW	W3JX	ZL4TT
SP2BMX	W6TC	K8VC	293	ZS2DL
SP3IBS	W9AJ	LA8PT	DL1HRN	290
SP7HOV	299	N0RB	DL1SMA	AA4A
SP7ITB	DM2DXA	RA3QK	EA3WD	I4KDJ
W1SKU	EW2A	SM6BZV	IV3YYK	JA1KQX
WT8C	G3SVD	SV9COL	JA2CXF	JA1QXC
302	HB9RG	UA6YW	JK1TCV	JE2DZC
DJ5JH	IK5RUN	W9JA	K4JAF	JE2EHP
EA1N	IZ4MJP	WA3AFS	KD0Q	KD0PO
F5CQ	JE1DXC	YO2RR	N2LM	LA2QM
HB9DDO	K6SIK	295	N4RWG	LA5LJA
HL2IFR	KB8VAO	AD6W	PY2IQ	LU3CQ
I1EIS	N9FN	DL1DUO	S55DX	PP1CZ
IW1ARB	UA9FAR	EC3A	W7ZJ	SK3PY
R5DT	UN6T	IW0SAF	WA4FFW	SV3AQR
RK4FD	VE3BW	JA1BPA	YO2CMI	UN7LZ
W0VX	298	JG0CQK	292	UN7TW
W4QN	5B4AHJ	JH4ALY	DL5CW	W1EQ
WD4LBR	DL7BA	JM1FHL	E72A	W2LK
301	G5LP	JN1RQV	EA5AT	WB9EEE
AE5E	HB9BOI	K0TPP	G4GIR	XE2CQ
CU2AP	IW0HQE	K1GG	G8DX	289
HP2AT	JA1WSK	K5VIP	HB9BAT	4Z4DX
IZ1LBG	JA4ITW	K5ZK	IZ3ETU	AJ6T
JA0DIN	JA5BEN	N7TY	IZ8VYU	AJ9C
JA1LSP	JL2JVX	NA5C	JA3EOP	DL9TJ
JE1LFX	JR7WFC	RM0F	K3FRK	EA6ET
JG8FWH	K2PK	SM5FUG	K5DHY	JA8EJO
JK1GOK	K8EUR	SP8HKT	K7ZD	JA9FPI
K4SE	ND0N	SV1GYG	LU4FPZ	JA9IFF
MM0EAX	PY2VA	VU2PTT	N8II	JG1WSC
PY7DJ	ZL1BYZ	W2GG	R6AF	JH4GJR
RN3QN	297	W5LT	SP5IWA	K3UL
SV2AEL	E73Y	W6XK	W4VIC	K4XD
WB5JID	HB9CQK	W7AL	W6SR	KK0M
300	JA3RQ	WA9PIE	291	R0FA
9K2OD	JE7JDL	294	G0EHO	RA1QD
AC0A	JE8CLT	AI9L	IK0HFO	VE3EK
DL1TRK	K4MS	CT1FCX	IT9CVO	W9YSX
DL4CF	K6ND	EA6NB	JA3ENN	288
EA1AF	K8WK	HA9PP	JA9FAI	IZ0RVI

JA2JRG LZ2JE N5LZ N6UK ON6AA PY2KP S57AT UA3AGW W1YIF W2LE W2NO ZS2EZ	285 4X6ZK CU2DX DL2SWN EA3GHQ EA5KA HL2WA IZ8DFO JA0PE JA2IYJ JA2VMU K1DG K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	OH4UI PC3T RD3AW SM4CTI UA0BA W1OPD W4OX XE1KK	WB2BIN WO7R	275 CT1FPQ JE1BMJ JG1OGM N2JJ N7KA N8PW OH1JP ON5UE PA7RA
287 9M6YBG AA8LL IV3GOW IW1QN IZ8FWN JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR IK8VRH JA0DET JA8CJY JG3SKK JH3SIF JN1BMX K9NW N4LR OE2GEN SM0CCM SM6CTQ W2AY W4FQT W5ODD W8BBQ W9MJ	281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8KEN WN6W	278 9A4T EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM0NJO SM4AZQ VE3CRG W8MHW W9HBH WF2S	274 EW1KP IW0HOU JA8ZO JH1IAQ K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ
286 AA8R AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS LU8EKC N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI	283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW W6BJH	280 CT1EAV GM3PPE HA5VZ IZ3ENH JA3XNH JA6TMU JA9NLE JF1NZW JH1BNC JH1HHC JR6LLN JR7FRW K4WNW PY2DS SM5CZK UT7UV VK3HJ W8LGJ ZS4TX	277 EU1KY F5UJK JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT UW2ZM W1KSZ W2PP W3BW W8RLS WA3C WT4Q	273 AB4SF CT1BWU DH2PC EI6FR IZ4DPV JA1KPH JA2TBS JA6BEE JH3GCN JI3CJP JM2RUV N4IG NA5DX NK0S OZ1ACB RW7M W4HG W8QZA/QRP
	282 K1DT K1USA K5UO K8ROX	279 JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV N6TA OH1ZK VE3DZ W4UCK	276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA9VFA N5MOA ND4X ON4CAS RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO	272 AF9H DS5ACV F5PBM I5OYY IK5PWN JF1LMB JH0BQX JH1OBS K1UU K7EG K8BL

KA1ERL	N4UOZ	G3WPH	N8OC	259
KI4GE	NW7E	JA4FM	NK4L	CT3KN
N2DPF	OM4EX	JH1ACA	NX0I	DJ8NT
N4JQQ	SM5FWW	JR1WCT	SP6JIU	EA3EQT
N9RD	YB1AR	K2CBI	W0GG	EW1BA
OE5FIN		N5KM	W5ZG	JA8BNP
PA0ZH	268	N9JV	W6NWS	JE2RDO
SV1ACK	7M4AOE	NU1B	W7LGG	K2UFM
W2OO	HB9BUN	NV9L	W7QDM	NI3P
W3ACO	HB9IQB	W6RS	W9PZT	PY5CC
W3AP	JA1NWD	WA0RVK	WA3GFM	W1KDA
WA1S	JH4HMG		WB8ART	W7AH
WL7E	K2KA	264	WQ6Q	
ZS1A	K6IPM	4Z1UF	YB2DX	258
	KD4W	EA1KP		CU3EQ
271	LA0FA	F6DBX	261	DK7YY
4X1RU	N2AJ	HB9DHG	DK3PZ	HL3AMO
HL4GAV	N5JB	IZ0NRG	G3UAS	IK4AUY
IK2DZN	SM6BGG	JA1IAZ	IZ8IEV	JA9AGN
IZ8EJB	W2FV	JA7HRM	JA3FHL	K0TT
JH1OCC	WA1YTW	JR4LNG	JA4VLK	KH2L
JM1HJG	XE1MEX	K1CA	K0DD	SA0AQT
K3PU		N1EN	K2FW	US0YA
KB1EFS	267	N1GC	K7LJ	W1SSN
LB2TB	IV3VBM	PA7TWO	KM1D	W9EWZ
NN4X	JA2QXP	SV1CQN	LA5SJA	ZL2IFB
OZ4VW	JA7BEW	VE3YF	OM8FR	
UA3TT	JA8UIV	VE6AX	SM7CQY	257
W1MK	JJ1TKN	W5PF	SM7IUN	AF4HX
W7MEM	K6BV	W6TMD	ZS6WB	DJ0UT
WA0MHJ	K7XB			DL9FCY
	KI5BLU	263	260	EA1JO
270	N3VA	DK4TP	AA9A	EA7SG
7K1PTT	SM5BMB	EA3CJ	EA8MT	EB3CW
AA4FL		EA4DL	EA9IE	IK2PZC
BA4MY	266	HA7UW	EC1AIJ	K1SM
CT3MD	EI8IU	JA7XBG	FG5FR	N1API
DK8MCT	IK0UTM	JR8AMF	JA2FBC	N6HC
EA1KY	IW7DVM	K1KO	JA3VPA	PY2MC
F9XL	JA3BXF	K8FH	JA3WLN	RU1AB
K0BJ	JA6GPR	KN6KI	JH3FUK	SV1VS
K7UA	K4RG	N1RR	JJ2WOC	W0JM
K9JF	K5VWW	N7BT	K1ESE	W5DM
K9MBQ	K8AJS	NF1G	K4KAY	W8MJ
N4QQ	N6PSE	WA4LOX	K6EME	WV4TN
PU2POP	N6RV	ZS6NJ	K8YSE	
VE6LB	PZ5RA		K9FN	256
W8HC	RA4CA	262	LY1G	BH4QYX
	SV1HEP	CU3EJ	N6MZ	EC1A
269	W0FLS	I5REA	NT5V	FG8OJ
IK7FPV	W7YAAQ	JA8BAR	SK7AX	GU0SUP
IK8EPC	W8MET	K2SN	SV1FJP	IK4HPU
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JA1VLK	WB3LHD	LA6UL	W2XI	JF2VAX
JH3FHQ		LA9FFA	WA5LFD	JH1RGG
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K0KT	4F2KWT	N3RC		K4JJW

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255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JA1VRU JK1OPL JR3UIC KR4F N1RK N5BO VR2XMT VU2CPL W5JAY WS9V	251 9A4W DL2RTL JA1DDZ JA1SKE JA5BGA K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W3ABT W4SK W5GAI W6DE	248 AK5X G3VPW HB9DOT HL2KV JE2VLG JJ1SKG KF7F N4XP OZ1LCG SV1IW W2TB W8IW	245 AF5CC AJ8MH EA4DEI G3KMQ HA5PT JA3QOS JJ6DGP K3EA KF7PG N0AH N2NW NZ3O S55ZZ YB0NFL	241 AB5C IS0AFM JF6XQJ JP1IOF K3WWT K7KB KV1E N4OA PA3BWD W5DNT W5QM WA8MCD WX2U
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO K3SEW KI1U LA5YJ NE8P UA3O W3FI	250 6K5YIA F6HLC HA7TM HI8R JH6PFY JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN UN3G W7HPW W7IU	247 CT1FUH JA1PBV JJ1BMB K1PL K3VAT KH6M N4QWZ N6KZ N7DED NA9RB PY5IP W7IB W9JJB WS5W	244 IK8UHA JA1CZI JI6IHG JJ1QUV K0KG K1KA K1YR KK1W OE3HWC SP6A W0QQ W4REX W5PJR W9FI WA2USA WA3F	240 7K1CPT E21EIC G7SSE HB9EFK IW3GJF JA1DM JA2FSM JH1APK JN1NBU KF0LA N0ABA S51NM SM3LGO SP5LKJ UX5UO W0SZ W8WEJ WA4CEM WB8CQV XE1RBV
253 AC9O JA6IVR JA8XQI K1FEV K6MKF K8DV KE1F N7XR UA0FO W2/CT1GIF W6RW WF4U YB0COU		246 AA7G FG4NO HL2EIZ IV3KFB	243 DS5TOS G4XRV JA2EPW K8ME W1BR W4PNY	239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS
252 DL7UPN				

JA6CBG	236	KE5FXE	NA4EA	I0MWI
JA7KE	HB9DQV	KE8UM	SM7NDX	JA0DWY
JA9NFO	HB9ZS	KX2A	W2DXE	JK1SQI
JE2UFF	JA1HOM	ND4V	W4UDH	K1GE
JH1DGJ	JA1JYE	W3WST	230	K5GH
K2XF	JA3KNN	WA4JQS	G3LUW	LU6ETB
K4QE	JH1UBK	WA5UA	JA5NPV	N1NU
K8YYY	JN1NOP	233	JA6AVT	N6OJ
N8SHZ	K1ACL	AA9GR	JI1VVB	NA9Q
NF4A	KM3J	AA9RR	KK9H	W4DEE
OE3KLU	KS4S	AJ4A	N9PGG	W5SL
OH7TV	N4GN	DH0GSU	W2KA	WA9GON
WA6JA	N6IE	DS3HWS	W8FIB	YL2KF
WB4KTF	OE2BZL	EA5AR	W8WVM	226
238	OZ7FOC	JA0KJD	W9YE	DM2RM
G8AJM	PA0TCA	JA3NHL	WB2NPY	EA5B
HB9MFM	VU2CDP	JH1SOD	229	I0OSI
JA0LXP	W0HBH	K8BN	AA3LX	JH1IED
JE1PNX	W2YR	K8EAB	AE0P	K2BA
JF0JYR	W3FOX	N9BX	AH0U	KK4OK
K9GA	W4GIW	NE3F	DL8SDC	N2KX
K9OR	W6DR	SM0XBI	IK2GAJ	N5ET
KA4RRU	W9OO	W2NRA	K0HD	N6BM
KF9UG	WA1PMA	W6YOO	K3FM	N9AOL
M0CSD	WY6N	WB2KSK	K4CMS	NG7M
N4PJ	YB2TX	WD8PKF	KD1F	VE3SKX
N5ZC	235	WE4S	KI4DLS	VE7TK
N9UA	EA7QW	232	N3PS	VK4CAG
W4KA	EI2HY	AC9EM	N4NW	W9DX
WA4QMQ	EU1U	EW4C	NE6I	225
WB0TVY	JE1IBI	G3XLF	SV8CKM	DK5RL
ZL4AS	JH2VVH	HB9DVO	W1WC	DS4AOW
237	K0EOO	JH0OXS	YB1TJ	DS5DNO
CT1BOY	K0VSH	JH6DUL	228	EU1M
G0VXE	K5CWR	JR3VMJ	7J1ADJ	JA0EVI
HB9CXZ	K8ZM	K4ST	AA0MZ	JA4CZM
HB9JOE	N2FF	K5FNQ	F1RAF	JE2EBT
JF2OZH	N4IQ	NJ7G	F5LIW	JF1MTV
JH1DGQ	NA5Z	NY2NY	GW4TSG	JH8NQV
JR0QFA	NW4M	RQ3A	JF1RYU	JL3OUW
K1RV	TA1CM	SV8DOU	JF1WLK	K0OK
K1XV	W3MR	W6CYX	JH2PWY	K1JIU
K2NV	W7YW	W9ZCL	JH3GFA	K2HAT
K9JU	234	231	K4JC	K3SF
LB5WB	DF7EE	AD5WB	K4KGG	K4JWA
N4HID	DK2CC	DK6OR	KB1DMX	K5YU
SM0MPV	HB9BYQ	HL2ZN	KE0A	MU0FAL
W6AER	HS1NGR	JA1MZL	KE4UW	N0ODK
W8UN	IK0LNN	JH0AWC	RA3QUA	N2SQW
WA0ROI	JA2OLJ	K2RU	UN9L	N9SF
WB8B	JH5HDA	K4YJ	VR2CH	W5GZ
WB8ZRL	JK1BSM	K5IB	227	W5LO
WC3W	JR1VAY	KD6UO	DL2RUM	W5TFW
YO3JF	JR4LZX	LZ2XF		W8UV
	K4MF			W9KVR

WE1P YO9FNP	KV4AA N4TOL N9JR RU0SN W0BM	KR2Q N4JT SM7WVZ TZ4AM W5GA WA2NPD WC4H	W0TT W1JGS W4IS W6SL ZL2AL ZS2Y	JJ1KZZ JO4JDU KT2C N1BY SM7GIB VR2XLN WY1G
224 JA1OVD JA8NFV JO1LVZ K1CBK K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5RF W7NN WB0O WN6K	220 AA6RR DL4DW DL4LAM EA5DFV EI9FVB IK1IYU K1DJ K1NTR K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW SM0DSF UR4IOR W5THT W8LMG XE2X	217 IK0CHU JA2NNF JA7ZP JG5RVQ K0NV K1RH KU8X N6QI OZ0J W0TM WC2K YO3IPR	214 3A2MW DJ3AS F4GVO HB9VAB JN7DOS K0QQ K2AZ NY1V PY2RO SP7ICE W0KCJ WB6BFG	210 AA4LR CU3AN K3SX KD4SN KD8RQE PY2WC S54A W5WP W6WF W7FP W9IL WK8A YB0DJ
223 AB4UF AF2C EA7DUD I8MTQ IK2RZP IZ8MBW K6IPV KI6CG KW4V N4ENE NA2AA	219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K4MV K5CD K5JZ KD2T KE6V KG6I KI7AO KR6C N1KC N6DX W6GRV WA3I WW8W	216 CX2CC DJ3XG EA2AFV G4VMX JH7WQX K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ W9MO WB3D WS1L	213 9A1AD AG3V DK3UA HB9HIT IV3FFI JA1FVS JG3RWX JR1EFG K5ALQ KK2M N6PEQ N8GP NA2M* VK3FM W1LE W3BJ W7HR	209 JH6RTO JH8UQJ K0LB K0VM KB2FCV KB4MRX N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX
222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT K6ZZ KB5UNX KS4YT RA4P VE7BV	218 DL2NOM DL4NBE I7PXV JH1OGT K1NJ KE3D	215 9H1EJ AA7XT DS4GKF HB9IIO I1YDT I5XFD IZ0BVU JR0AMD JT1BV K1TZQ KF4NEF KO6KD N8NN RN9N W0FG	212 G4ZOY JA1BWA JA3LDH JR2PZX JS6TWW KU4BP SM5AOG VK5GR VU2DCC W5DAW WW2DX YL2TW	208 HP2NG JH0NOS K0THN K4WES K5RJ LU4FW N4FN N7WS NU1O NW6S W1FA W4WN W5FPT WA6G ZS1J
221 EA2AAZ HB9HBZ IZ1JLG JA2VHO JI1NJC K4CGY K5DV KU4XO			211 AA8SW JE2KSM	

207 9K2BM DG5LAC JG1JPE K6ZP KE1VT M0HIH M0IKW N9AKR OE1JIS ON4ANN RD9M TF3DC VK2CA W1MJB W4GE W6KK W9QO YB0MWM	WA4MME WI7P XE1J 204 JJ1JMZ KB5HC KM9E VU2IBI W4GP W7IV WA9BZW WB8BZK XE1L 203 DF3EC F5NBX IK2RGT IZ0BTV JA0CIU JA7JPZ JH8NBJ K0CS K4GO K4JKB K9OW K9TF KA1DJ KK8MM KL7TC KM7R N2ZA N4TV N6PAT N7ELL SV1FKZ W1DYJ W3BNN WA3FRP	IZ0GYP K0MFI N4PYI PY2GG RT5A W1OP W6AEA 200 HB9AGO IZ5FSA IZ8EKL JA3EY JA7DPC JA7MAD JH1FVE K1ZJA KC6JAM KM4VI LA6OP N1IA PY3VB VK6LC ZS1DX 199 AA3TH AC0X AD4AA JH0RVY J11WLL K4SX K4VNY KC2SST KI4WCQ MU0GSY N2RR PB9FN V51YJ W6JZ W6UC W9LN W9RXJ 198 AG7N DJ0MCH DL8DWL IV3BSF JA6ENL JM1ESG JR1IZM K2CYS K7PT KA1J N3ND RA3BL	VK6OZ W6SHY WA2VQV XE1FAS YV5LI 197 4X4MF BA4TB EA1DLU IT9AAI IV3AVQ JA2MNB K6TAR K8SIA W4DAO W4HZ WQ5R XE1H 196 CT3CD DF2UA HB9ESS I7LGM I8YAV JA1XRA JA7FAS N2GZ N3QE NA9A RC2A SP3F SP5MXZ W6HYI WA0WWW WB5NHL 195 CT1ELF JA7QQQ K4KEW KE4S KF9AF N3XM NA6MG NN2D OH6NIO SQ7FPH UR5FEO VE3YXO W3SB W5AAJ 194 A65BD EA5ZR	JM1SZY K1LT KP3AH KR8T NJ3K SP6EIY VU2LBW W4DC W5UHQ W7PAQ WA1NXC XE1R 193 7L4VYK AE4CW DH3KM G1VDP HI3T IZ5MOQ JA0AXV JA1QIW JA3PRM K3NF KM1C KZ1W LZ2ZG N4HN NN5E NU4B PY8WW SM5ELV W8NN WA9DU WB6CJT 192 F6FYD HB9FBG IZ7GIT K1JD K6XN KJ4UZU KJ4YLO N4XYZ NC2Y UR3EO VA2IG YB1TQL 191 AA4NC HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT
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K1RI K8QKY N4DWK N7MQ NK7C OZ7DN VK2HV W8UQ WF1H WI8R	188 EA7AN JA0GCI JH7NTW JP1GUW K2AX K2DC N2ZZ PY2RN WV4V YO2DFA	SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 A61BK AA4AK AE4M DK1NAL JH1IZR K0IL K2SD K8SL N7VPN NA5S VR2XYL W4DSM	K2JL K2MK K3OX K8YE KF4VTT SM5CBM VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
190 AA4U AC4VM DJ9KV EC7B F4DSE G3WW G4XEE HL4CCM JA2ITK JH8KFE JI2UDK K7UT K8ZT/QRP KD0AA N3AIU N6MXU SM0BYD W2OR W9ROG WA8LRW WB4GLI	187 EA5HM F4WDL IK8GJR N6VNI PP7LL W5ZE 186 AF6PK I4UUL K5EWS K5QX K6EGF KC6X KK0DX N5QS W8RV WA5IPS WB4DNL WZ4RC	183 IU0ICA JA2KSP JA3UNA JE4CIL K3HW K6LRN NA2U W2CG W3ML WF8R YB2TS 182 4X6KJ I5FLN I8LWL JA6SQR J11CQA K7LAZ K9AQ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ XE1YD 181 EI3CTB IZ4AIB JK1DDG KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV NO0B SP5ELW W0ZS W1HS W4CCS W4TUN W8QXR	176 DL6NW F4FLF G4AYU JK1JAS JR1FHP K5DCW KK7YC KT8D KW9U LA4JGA LA7EIA N1JP N5FEE OZ9XU VE1VOX W0MS W4LEW W9WO WA3GNW
189 I0LYO IV3KCB JA1SGU JG1SWM K3DFL K5RKS K5TN K6UXO KD1AB KY5I N2MEE N6NU OH2LHE ON6KE RM3DA RN3CT SM4BZH W4AEJ W5SUM W6DPD YB4CHP	185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC WV2I 184 AA4UC AD6ZJ EA5RU IK0HBN JA7FVA K3JM N8HRZ NW7M		178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N4ST N6DHz OZ1HPS W7HUY WB6AXD WC0W 177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF	175 AG5CN EA6UE IU8IYE IW1PUR JA0LFV JE3PCP K0KV KD4POJ KF2OG KF6HI KN7D N7NG NS3L UA1OM UA9AGX 174 AG4Q DF8FT DL5KUA HB9HVG JL6USD

JR3TOE K5CR K9HQM K9UQN N7NW NG9J W5JMW W5WI WA4BIM WA4NUF WQ5T	JJ1BDX JL1GYZ JS6QOM K2TV K4NTO K4WY KB0V KC5LK KP4DKE N8WRL NA6O ON6MX W0MU WA4DOU WA5KBH	JH3EQP K0PC K0RAR K1VI K2SY KF0RQ LU8ADX LX1CW N6MB OE1ALW R4FAN SV1XV VR2MY WA9IVH WX0Z	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4WOK JF1KML JR1KBJ K3VPZ KG4CUY KG5NP LA2XPA LB7ZG N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W6FL WB2WPM WB9PNU WC4X	JA0MRW JA4GXS JR6LDE K0ABC K0CF K0PX K4GN KE1B KO4PRE KW4MM LA1CO N0AMI N4KM N7KDT N9ATF N9LEO R3IS SM7CZL VA2LC VU2MSA W1OK W1XV W4PGM W8MIL XE2YWH YO3DDZ
173 7L2QAD AB6CF AI9U DM6MA HB9DVZ K1ROA K5ZQ K6UNE K7STO K8JE LA9VBA N7HN N9DR NC7B NX2X OV5O SM0EUI TF3JB W7VAS WA7BNG WY7FD	170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1YIW K6JJ K7CU LA2GH N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	167 JA8BOV JE3FOR JQ1PCX KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ PT2ADM PY2SEX TF3VS WA0SXV WA5NFC	164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ K1XE K6CF K6GFJ KA1API KD8MQY KL7TS N2XQM N7WI NA2P PT7DX S50B SP7QHR W6SIY W9CSX	162 4F1OZ BH4IGO DJ7JC DS3EXX EA2AGV HS8KAY JR4CZM N4BAF NP3CW W4NBS W8FN
172 AD0K EI1DG JA1BON K5TA LZ1XL N3AO N5PA N7GCO SP5ES W1ASB WB8QZM YB4IR	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N5MT RD3BD SV1IZY WA6QGH WB8EKG	166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K7CTV KM4HQE KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	163 AA4OC AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM	161 HL3ERJ JP7FSO K1BZ K2OP K4AR KM4A N7QT NA6XX OK2ZDL SM3PHM W5BK W5RDW W6DOE W9GG
171 AA5N AD3C CT2GZE DL5MM F9CI IZ0CKJ JA3AVO	168 A92IO EW1P JA0PZJ JE4KCN JH1ORA			

160	N4XMX	K2DF	W8VK	HB9EBM
E70T	N6MM	K4EZY	WB4SON	IT9ABN
EA1WH	N8TFD	K4WM		IZ2MHT
JA1ITJ	W0JMP	KM2O	152	JA1IHD
JA1UOA	W8LIG	M0IFT	4O3A	JA6SUY
JF3VEC	WB2RAJ	N1QY	AC6BW	JA7GZM
JG2LGM	WB9B	NK7Z	BX5AA	K5HK
JK1EBA	WB9ZNZ	NO9E	DF2WF	K9RT
JK1NPH	WT2P	OE1HBB	DU1KT	K9UWY
JR1CAD		UT7EC	G0THF	KI7M
K7LY	157	W5SV	G4AFJ	KX5U
KC9K	7N3IJT	YB1AYO	IK5BSC	N6JOJ
KM4NS	AB2E		K2EK	N8IK
N0IW	E2OYLM	154	K4RDU	N9IO
N4MEC	EI2JD	AC8TO	KD2OV	NM4SH
N5WA	GM4KHE	AJ8B	KE9S	ON6ZV
N8IL	JA0NZR	DS5WQT	NM1G	SM0BSO
NI5F	JA1UBZ	JA0GZZ	ON4LG	VU2NXM
W1TO	JA3MHA	JA4HXF	R9JX	W3KB
W9FF	JE3OUW	JA8ANQ	W6RFF	W4NE
ZS6RJ	K0SRL	JE6PJP	W7JET	WL7OU
	KB7QFE	JH1AQN	WA6EZV	ZS1C
159	KN7Y	JH1BHW	YV4DYJ	
AA3AZ	N0SL	JM1JZN		149
CT1ESO	N4MI	JR3QHQ	151	7N2JZT
DD0VE	N6VH	JR7ILA	AD5MD	DS4DRE
DK8IZ	N9AZZ	K5DXR	AK9B	ER0FEO
EA1P	N9MB	KC1ERO	DF1IR	JA0JPD
IK0WMJ	OH3PYY	N7JB	DL4KUG	JN4FNZ
JA0ED	PY1NS	NE5W	IK1UGX	JS6SCC
JA4FKO	W3HKK	NH6L	IZ0FUW	K2KIB
K0IO	W4DTA	VA3OKG	J68HZ	K2RET
K1EDG		W4CIR	JA2BUR	K8WHA
K9QJ	156	W5TMC	J13BFC	K9EXY
KC4HN	EA3HPX	W8TM	K1QN	KM2E
LA8ZAA	GM3WIL	WA9MAG	K4DET	KP4DS
N1MD	HB9HHH	WN7J	K7LAY	N0STL
N4VG	HB9MXY		K9AAA	NE0U
NE5S	JA1CCG	153	KE4BKL	NU4Y
NF7D	JA2ODB	HB9BEM	KE8G	NZ0O
OT1A	JA9RT	JA3UOQ	KK4CLY	RT0F
VA3NXM	JH2AJY	JH2NWP	N7MB	TF3Y
W1EBM	JL3DGI	JR7MAZ	NU4I	UA9MC
WD5BJT	K2HT	K0YL	SM0NUE	WA1EHK
XE1MW	KA9OKH	K4OY	VA3EJN	WF7T
	N4QM	K8ROK	VA3HP	
158	N5QZ	K9MMS	W2NY	148
9J2BS	N7RD	K9YZ	W3HER	4F3BZ
G4SGX	W1MR	KF9LI	W5WLA	A71AM
IK3DVY		KK4XL	W6WA	AE0MO
JJ1KXB	155	LA2IR	WA9JWL	IW5EIJ
K4HQK	5P5Q	M0MCV	WC2C	JF2AIJ
K4SAF	AB4GE	N0VVV		JR3PKO
K8GWU	DK3QM	OH3DP	150	K4TXJ
KB2XJ	HB9GWJ	OH3FVP	DK3BK	K5LY
KF7NN	IV3TDM	SP5NON	DK3FB	KA3GWD
KJ7NO	JA0EBV	W3DIY	DL9SAD	KB8ZUN

KD4EE	AL7TC	142	YB3MM	OE3JAG
LZ1MDU	DL1MEV	AA4DD		SM5CSS
N0TK	EA4S	I4JEE	139	SP3EPG
NJ6K	EA7LS	JA1PUK	F5VML	TA1AL
PY2CP	EI7GY	J11UHZ	HB9ARK	W2GGY
VE6TL	F1OBJ	K2CJ	HB9DTE	W4UEF
W4AG	JH1CTV	K3GT	HL4CBX	W9MR
W4MA	K5FXB	K9UO	K0QB	WA0WOF
W9GM	KQ5M	KA6BIM	K9TRV	WA5YOM
W9MAK	KS0M	LA1J	KX4I	WG0G
	N6KK	W8WV	N0CKC	WS1F
147	NS4X	YO8CRU	N2SG	
AB9KZ	W3DQS		N7NF	136
AI6P	W7NP	141	N7UJJ	DM5JBN
F6KOP	WR7Q	7K3QPL	R9MJ	G0OSK
G3VQO		9H1AE	ZL3TE	IS0EBO
IS0/YO3RA	144	EA1T		NT5EE
JJ0LZQ	AD0TR	EI3ISB	138	ON5GF
JK1OTP	DL6DCD	HB9EXQ	AC5AA	VE3FRR
K3GGN	G4FTC	IZ3XEF	DL5KUT	VE3MSC
K3GW	GM0VIT	K2JK	DL5ZB	W0ANZ
K5UZ	K1TKL	K4RM	G0FWX	W4GH
K8MRT	K7QBO	K5VG	JA0CVC	W4IDX
KB9LIE	K8OS	K8RCT	JA1PVX	W4PV
SV8RX	KB1HY	K9AAN	JA1VRY	W7SX
W3NRJ	N5UE	KA5SYP	K2YSY	
W8OM	RN0C	KA5VFU	K6CW	135
	UY2UZ	KE7BMG	K9BO	AB4FH
146	W0AIH*	NZ6N	KC9G	GM5YTT
AE5B	WB9W	SV2JU	KF6A	HZ1GW
HP3TA		TF5B	KL7NW	JA1DCK
JA3KWZ	143	VE3FAC	KU9S	JA3MIO
JE1COB	AA4MM	W1NA	N3PV	JA7MWC
K1IG	AF3X	W3IZ	N9BVA	JJ1HLL
K6NR	EA4D	W5GOL	OD5YA	JL2ULM
K8ARY	FM5DN	W6HDG	PV8ABC	K2WJ
K8POM	HB9AAA	WK9U	TA1PB	K3HPA
KB9AIT	JA1MOD		W0UHL	K3WGR
KM8AM	JF2RSF	140	W4DWS	K4OP
N6FS	K2OO	AD9DX	W4EJG	KC3RKW
N6RK	K6LPO	EI6JK	WA5POK	N7TW
N9MR*	K9BQL	EI7JZ		NX8Y
NJ1Q	KE4FW	JG1RYQ	137	S53MJ
SM3DXC	KG6D	JJ1OKK	DL2RD	W5IO
SP9IZV	KJ2U	K0UBR	G3PSM	W7QHE
TF4M	KJ4R	K5GZR	HL1MKT	WA7HR
WA2MUA	KN7K	K6EV	JH1SBE	WB3AVD
WA3SKQ	LB2TG	K7VC	K2CDJ	WB6FWS
WW8RT	N2YBB	KC3AK	K2RKJ	WB9IWN
XE2B	N4GBK	LA8PDA	K4AU	WO5I
YB1BML	N4UP	LZ2HM	K6IRA	
ZS6UT	N7ZA	N5JED	KP4N	134
	TG9AJR	VE3NJC	N5RN	AB0RX
145	W4JVN	W5VU	N7VZ	AB1J
5T5PA	W4UFO	W9BS	N9NFT	DL4ZAB
AA5TL	W7VS	WB1ASL	NI4Y	EA6AZ
AC7JM	WY0V	WW6G	NU1T	IZ8DEO

JA5SEY	132	NS4F	WC4V	KC9WPS
JA6GXP	AA4FU	OZ6TL	WP4CQ	KK4CB
JR0GXA	AK3E	PU4MMZ	WQ1H	KM4CQG
JR1HYA	AK6I	W1MO	ZS6AKU	KS4WA
K3KY	I8NLC	W9CTJ	127	N5HC
K7FL	IK8OZV	WB8RFB	7Z1HL	N8YQX
K7RAN	IZ0COI	YB2IQ	AG4TO	N9XG
K7YZO	JA9KRO	YO8PS	DJ5DT	VE3TMG
K9JDP	K4BNF	129	DL9GTB	VK2DAG
K9SUH	KB8KIM	AD6KQ	EA3NG	VR2VGM
KA9JCP	KD3UY	AE7U	EA4TX	W8VI
KD2SC	KG8OU	DS4EJA	G8BCG	W9COS
KF5WCP	KI7HO	JA0AVS	HB9TJG	XE3E
KN4OK	KK5ID	JA1PLT	HK6K	125
LB5GI	M3DFW	JA2ACI	I2YPY	AC4XO
N1AH	N3TR	JA3WMS	JA0BES	EI8GS
N2TC	N4EDT	JF2OHQ	JE2VYM	G4EHT
N6XT	N4QOG	JH1RFM	JG1LRE	IK8PGE
NC6RJ	NN3V	JM1CMA	JG5DHX	IZ8EYN
PA0QRB	ON6YH	JN1SUT	JH1HRJ	JH8FIH
SM3WMU	PY2OP	K7ORK	JI1MNT	JP1GVC
W1DAR	SM7DXQ	KB4KBS	JR1LZK	K5NOF
W2KNG	UW7UA	KN4WOJ	K7LFY	K9ARZ
W4UAT	VU3WEW	N8BK	KF3N	KK5J
W7KKC	W3KHZ	N9AVC	KS8W	NA7RH
WB1DX	W4MC	PY3OG	LA2LI	NN6CH
XE2AD	W5FL	SM2YIP	N0AB	SM5AFU
133	WA1HXX	VK5CE	N0DL	TF3MH
7J1ABD	WA1KXV	W7TG	N1BZ	W0XE
DL8OH	ZS1EL	XE1ILI	N3GTG	W4AO
G4NBS	131	128	NA1RL	W5CWQ
GM1BSG	EI5GM	A71XX	ON5EQ	W6PG
HB0WR	JH1IYY	EA1AHA	VE3EDY	W7FI
HK4EB	K0ARM	EI3IO	VU2TMP	WA1LAD
JA5IBP	K5SES	F4GTB	W0MF	WA4TMJ
JM1JIV	K7GA	HL2DBP	W3KN	WM4AA
K6ME	KA5IAU	JA6NQT	WA2BOT	WR2G
K7YMG	KO4DKI	JH1AWJ	WB2KSP	124
KC2STA	NG4DX	K6OJ	WB9TFH	AA5H
KG6WIK	NN6K	K7PTC	126	AF8C
KI4TZ	VE3NKS	K9YKL	CU7AJ	DJ3EJ
LA9KY	W5EC	KC2WUF	DS3EXT	EC4KW
N1BKB	130	KD5R	EI4HH	EI8IQ
NT9F	AA4QE	KG2U	IK4TVP	G4RGK
OH4KRN	DL1SWN	N0JR	IW7EDZ	IT9YOZ
OH7HM	JA2LMY	N5EI	JA5CDL	IZ1UKF
V31CQ	JH3PRR	NR0Q	JA5XPD	IZ5BYJ
VU2ABS	JL4BSE	R3BB	JH4GXE	J11DMH
W1GY	K2MHE	UR9IDX	JK8VMB	JM1LPN
W1ITU	KB3IFH	W0QD	K2GLS	K3SUI
W3MF	KD2NF	W5MF	K5KDX	K6VVK
W6OUL	KI0HA	W6IS	K7PO	K7HC
W9SE	KN4JX	W8BI	K8GT	KB8DID
YO3GJC	N2YF	W9EBO	K9QA	KC2NJ
	N7TM	WA4UWD	KC5RR	KC4AA

KD9ZR	DB4RG	WT3Q	ZL2AO	EA5GXI
KK4TKJ	G0HSA	WU9D		EI4BZ
KV8P	HC1HN		118	G8GHD
N0YO	JA9ALR	120	6K5AQY	IZ2CSX
N4LSJ	K0HQW	AA2T	AC9GK	JA2KPW
N5VBK	K1AJ	AC4TO	AE1T	JT1CO
NT4K	K3DQB	AE5LK	AJ6X	K4LCP
W0DD	K4VAC	AI2S	DJ9KM	K8JRK
W2FDM	K9KJ	CT7ABD	IU8GNY	K8MN
W4BH	KB4ET	CU2CE	IZ0RPS	K9GWH
W6ELI	KN9N	DS3DNT	IZ1JIZ	KC1RET
W6ND	N1ZZ	DS5QLJ	JA6CMQ	KD5RBU
W8PAT	N4GRC	F5AQB	JH3LCU	N0ATQ
W9TO	N9ATD	IK8IPL	K9KJS	N0UCR
WB1S	UT9LC	IT9JPS	KA5JSM	N1GFV
WW5L	W1ES	IZ0FYW	KA9JAC	N2ZL
ZL3REX	W1HEO	JA1DCO	KB3KJ	N4KEB
	W1KKG	JH5OTE	KD9BIE	OE6CLD
123	W5HNK	JJ1XVA	KG5VK	RW6MBC
AB9BH	W6HB	K9CHP	KX6C	SM1NJC
AE5FM	XE2MX	KG4OJT	LZ1XZ	VR2IL
AI5EG		KJ6Y	N3HYB	VY2RU
DJ6OZ	121	KK7BR	N8KUS	W1HQ
DS4DBF	AB4BJ	LU3XX	VR2CC	W7WES
G6NHU	AK0A	N1TQP	W4AFB	W9LU
IK0XKP	DL7UGO	N3DV	WA7ZXD	WA4VJK
IZ8LMA	HA2EQD	N3GS	WA8RCK	WW5RC
JA1GLE	IK6BMU	N4UFP	WB5TOI	
JA2HOL	JA1CPN	NR2D	ZS2I	115
JH1RVQ	JA1EYN	PP2FN		AA9WO
JL3RNZ	JA1WTO	VE3QAA	117	AF7WM
K0MD	JE2DOD	VR2ZXP	AD7L	E74A
K2JGL	JI5WDC	VU3RGB	CE3FZ	HB9MZI
KC2THY	K1LTJ	W1RG	F8EZE	HL4RBR
KD0KZE	K3CWF	W5RYA	IS0BZR	IW2FLB
KO8SCA	K9MQ	W6GJB	IZ7QFN	JA0NPQ
LA2XNA	KK4ODQ	WT5L	JA9KA	JH8LEY
LX2SM	KU2A	YB0AZ	JM3GXU	JJ2VLY
N5JEY	N3ER		K0FF	K5TU
N6DVR	N5ZY	119	K4AEH	K8CR
N9RE	NA2R	DL2VWR	K9LCR	KB4CRT
OH3TY	NA4MM	F5BAR	KB2S	KB7V
PY2ADR	NY4G	HL2MHU	KB5CSQ	KG4URP
SV7CUD	OZ6EI	JA6JYM	KO4PY	KV7N
VE3VHH	TA1L	K7LOL	KP4ED	MM1PTT
W2WGK	UA0FDX	K8EB	KZ1X	N0TR
W4UT	W2ARP	LU9DO	N8AGU	N7PIB
WB8TGY	W3/NH7C	N1GNB	VE7NY	NE1RD
WU7X	W3JXP	N8LCU	W3LWH	NG0G
WX3P	W4CC	ON8PHD	W4ARK	NW6V
YB9WZJ	W4KCM	SV1BYI	W4PG	OE5MPL
ZS6NK	W5UQ	SV2KF	WB9WHQ	W4OV
	W7PC	VK7AP	YO6HOY	W5WS
122	W9MB	W1ZK		WB4MM
AA0BH	WA7HQD	W3MRL	116	WJ5K
AA5B	WB7BBQ	W6ZPL	6K2ILX	WS4H
AB5YI	WQ8T	W8EOG	AA0FT	

114	KC0V	G4ZWY	W9GFB	JA2KGQ
F6FHZ	LU3JVO	HB9ECS	YB1SKR	JH1OVY
G3CWW	M0NGN	JA4DLF	YO5QAW	K1FUG
HC1HC	N6DW	JA5EEU	ZS5LEE	K3XO
I0BJV	NA9L	JE1TNL		K4GHS
JA1CCH	S52R	K2KYH	109	K8LBT
JA1CPU	SV2DSJ	K5NV*	AA4RX	KC8YG
JA8EIA	VA3AYA	K8ZEE	AC8AZ	KE3ZT
JG4OOU	VK7ZE	K9JIG	AF3K	KE7AUB
JM3XZC	W1FC	KI2Y	DL9QJ	KI4SFT
K1RE	W3JM	KM5VI	F5DBT	KJ2AM
K2IRM	W6BBS	N4NYY	F8DHE	KJ4SKO
K3PL	W7CD	NT5O	G0MMI	KO4XI
KB1W	WB9YJE	PT7CB	JA5GOJ	KW1X
KI8AE		TA1UT	JA9IWR	LU2AH
N3DD	112	TA2RC	JH4GNE	N2IFA
NA1DX	3C3CA	TA7AZC	JI1IZS	N5FPW
NG8T	7Z1CQ	W7WT	K0FD	N5TW
NK5K	G0DTX	WB8PKK	K4AEN	N7TP
W0LGQ	G3YFE	WU4B	K6JAD	VE7VV
W0QKL	GM0SCA	XE1ZTW	KA4AHU	W4DVG
W2ZK	IK4EWN		KB7DT	W6CN
W8LR	IS0BQE	110	M0AQM	W7SMW
WD0AJG	JA4RED	AC0B	N4LS	WB5ZAM
WN0L	JA8WGX	AG5Z	N4WD	WC4B
WT9U	JF3AHI	AJ6V	N6RVI	
XE1EE	JH0LME	CT7ANG	NN8L	107
YB2BNN	K0XM	DK4MX	NW6R	AB7RW
ZS4JAN	K4HEB	EA1BLA	NX1P	BG8PA
	K4ZMV	EI9HX	NZ3M	DJ5FZ
113	K4ZRJ	G4VWI	PF7M	DK2GP
AB1NS	K8CJY	G6MXL	PV8DX	DS4OMS
DL2DCX	K9KDS	HB9BEP	SP7ASZ	E73D
EA5DPL	KH6P	HG6IA	T88UW	EA2BFM
EI2FG	KY6AA	IZ1EPM	W3ATV	EI5GSB
F5EOT	N0OK	JF3KOA	W3GP	IC8XIL
F8GB	N2SO	JH1FRW	W4JDS	JA3MAT
G0UII	N8AID	JR2PAU	W5SG	JE1CTA
G4NAQ	NQ4A	JR4DHK	W7CB	K0FJ
G4YCS	NZ7Q	K3MSB	W7VP	K2FJ
HB9GZE	S51DV	K4KAL	WA6URY	K2ZD
JA2CPD	W1USN	K4RP		K3GO
JA4CSJ	W3WN	K6DJ	108	K4LQ
JF1AZQ	W4LLP	K6SLO	7M4CLF	K6DLB
JH1GNU	W5GCX	K9TVG	AC8MR	K7UWR
K1JKR	WB2UFF	KF8PD	AC9DX	KA4LBD
K2KNB	WD8LTM	KV3W	DB9CR	KB0EL
K4JDJ	WF4W	N1TQ	DL1TPY	KF2G
K4JLD	WJ1B	N3YZ	DL2AMD	KF6XA
K4TR	WN1M	OE6BME	DL2NAI	KJ4FZ
K5WRE	ZL3PAH	TF8GX	DM5TI	LU5OM
K7BWC		W1ZZ	DU1IVT	N0MHL
K7MO	111	W5JE	E70X	N1UZ
K9DUR	AD7XG	W6TCP	EA5XV	NI8Z
KA5OWI	AK4N	W7YED	G5CL	OV2B
KB1OIQ	EI9CN	W8PE	IK1RKN	PP5VA
KB2TGU	F8DZY	W8TE	JA2DCN	RM6LW

SV3EXP	W0TLX	104	HB0RER	N4IR
TA1CQ	W4/KL7GLL	7N4OBV	JA7HYE	N8KOJ
UX5XK	W6KF	AA2WC	JF1KIG	NA4D
V31MD	W7GB	AA6XV	J11FXS	NN5O
W5HY	WA3IIA	CT3DZ	JP1KHY	R9GM
W8JA	WA8Y	EA4EJP	K0OOK	S51MA
W9JJ	WV4E	EI3HA	K1FBI	SM0XG
WB2BXO	ZL3RIK	EI4GNB	K2RNY	US8ZAL
WB2MKX		F6ARS	K3PIN	VK2GR
WC2L	105	FM5FJ	K3TXW	W1GF
WM4W	AA2F	G0DRM	K4NI	W1MRH
WS7I	AI1W	GW0ANA	K4PWS	W4GHW
WU1U	AP2IA	HA5DI	K4SAW	W7FS
ZP6CW	DL9GTK	HB9BMY	K6XJ	W7HJ
	E29TGW	JA1CC	K7HV	W7IMU
106	EI6GF	JA1DHY	K9WMS	W9GWP
AB6WQ	F5VIF	JA1RBY	KA7CVJ	WB4PWZ
AC7DX	G3LOJ	JH1MYJ	KP4DDY	WB7QBS
AC8IL	HL4GHT	J14HKA	KQ6K	WD6T
DS2GOO	JA1JYS	JQ2MPJ	M0UPL	WD9IOK
DS5MNO	JA1SZN	K0BRO	N1MIE	WN9A
EA3AGY	JE6UWU	K1TWF	NB3R	XE1SAX
EW4DX	JJ2BLV	K2CQW	NI5G	YB0EIN
F6JSZ	JK1AIA	K4WW	RX3BP	YB9AY
G0OJG	JK1AKA	K5JUC	VE7XT	YO6BHN
G0RPM	K0MB	K7UW	W2SUB	ZS2ACP
G3LPS	K1EO	K8WVA	W4CU	
G4FVZ	K1ETA	KE4YOG	W5IP	101
HI7SB	K2GW	N1FOJ	W7KHZ	AA9D
IZ4IRO	K5WE	N3PW	W7UV	AB2NI
JA3AOP	K6GCN	N4PAJ	W8EH	AB4EJ
JA3FRI	K7CMZ	N4ZR	WA8KNE	AB8YZ
JF7NNI	K8FB	N8TEM	WC9C	C31MF
JG1XBM	KJ8N	N8WXQ	YB1ALL	DD8BA
JJ1IRS	KK4MA	NA8W	ZL1IM	DD9WG
K6VWE	KR0P	OM6CI		DL3XAC
KA9TOX	KZ4EX	OZ9U	102	EA4UV
KI0KN	LA9JKA	PY2YW	4X1VF	EA8TZ
KI4NSP	LZ1JZ	RV4LC	5H8HZ	G3VDB
KM8V	N2YU	VE3ZN	5W1SA	G4GEE
KR4U	N9APK	VK3MB	AC0XY	HB9PUE
KT5V	N9IXD	W0VU	DB2WD	IK2HLM
M0PCB	NC1M	W9GXR	DL4FDM	JA1KZP
N4DJT	NC7M	WB4HMA	IC8SQS	JA1QEY
N6UOZ	NK7L	WB7QXU	IZ7QSS	JA5ALE
N7MW	OH6IH	WF8Z	JH1IHG	JA5JUG
N8OYY	PV8RR	WX0B	K1MDA	JK3NSD
N9ZJ	TF1A	YB1BUL	K2DH	K0GEO
NG4C	VU2DED	YO6HSU	K2DW	K3AXB
NI7F	W1PY	ZS6HON	K4HR	K3LA
NS7K	WB8LEM		K6BLG	K5HX
PT2DF	WD4OHD	103	K6JAV	K8PGJ
PY2OC	WF5I	AF8P	KA8HDE	K9GL
UA0ABB	WK3A	DS5JMG	KB1AWM	KB5YN
VE3BHZ	WZ9B	EA2RY	KO3F	KC3OPI
VE3XK	YU1LD	EI9GLB	N2CJN	KC4ZA
VU2MB	YV4EH	FM4LV	N2FY	KD2RUJ

KE9UA	EI4DQ	N0JX	YE1AR
KJ5RC	EI4GJB	N0KM	ZS6CR
KU4A	EW4A	N0VTZ	
LA3ANA	F5JWH	N1KI	
M0PTZ	G0GFC	N3NVA	
M5LRO	G4PUQ	N4GOA	
N3CAL	G8GFF	N5CR	
N4PF	G8GNI	N5LJL	
NC8I	GW0KRL	N5LKE	
NJ2X	IK7NXU	N7WFK	
NZ1I	JA7PKV	N7WR	
OZ5JQ	JE7KCI	N8HM	
PA3AIN	JG0HEW	N8URE	
R2ARR	JG3LDD	N9MKC	
RZ6MJ	JG5VFK	ND0B	
SV2BXA	JN1RFY	NE3K	
SV4FFL	JR4VEV	NX6D	
TG9AKH	K1HC	OM2AGN	
UA4PK	K1JX	OR4K	
VA2GA	K1PTF	OZ1GCT	
VK4BUI	K2UF	OZ9GA	
VU2OT	K2UT	PV8AJ	
W0ZX	K3NO	PY5VC	
W2FDJ	K3QB	R2AB	
W2GHD	K3RRR	UR8IDX	
W2PD	K3WSU	VA2EU	
W3RMS	K4GM	VE1JF	
W3SW	K4KYN	VE3KKB	
W4PM	K4QS	VR2PX	
W6OU	K5LLA	VU2OY	
WB5KSD	K5MMH	W0PPA	
WD4IXD	K5PSN	W0RMS	
WM5H	K5VSD	W2MW	
WU6K	K5YE	W4CG	
WX7B	K7VL	W4DFU	
YB8HZ	K9EA	W4YR	
YO2OXD	KA1CTL	W5PD	
	KA2F	W5YKU	
100	KA4H	W6OZI	
2E0XAR	KB6IGK	W9KM	
9M8DEN	KC5N	W9ZT	
A41ZZ	KD1DT	WA2ALY	
A71EM	KE1IU	WA2VJL	
AA7UN	KE8NOA	WA3UTC	
AC0DH	KE9V	WA3YZD	
AD4J	KF5MDZ	WB0RXQ	
AE4VJ	KF5TL	WB2ZEX	
AK1P	KF9EX	WB6RAB	
AK4AO	KG4IYS	WB6RJH	
DB6VH	KI0G	WD1M	
DC1TK	KI3O	WD4GZW	
DK1MCS	KI4PG	WI0E	
DK7GH	KK6MF	WK7W	
DL3ANK	KL2R	WM4D	
DL5JH	KL7XO	WM9Q	
DS4GQR	KR4Q	WU1T	
EA5PS	M1EMC	YB6LAY	