

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 24 Jun 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	K5UR KF2O N6AR	W7UT	SP8AJK W1YY WD5COV WK3N	W9RPM
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 K4HGX W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DF3GY DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K3UA K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK WB9Z	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		336 JA1WPX JA2JPA K2FF K5RK N3XX N5ZM PE5T VE3XN W0MHK		
345 HA0DU JA2VPO OH1XX		335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD JH4UYB K4XP K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK	333 DJ8NK F6AOJ G4OBK HA5WA I4AVG JA1HGY JA2KVD JR3IIR K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC	331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5EG PY5HOT SP3E W5OZI W8UVZ
344 K4PI N4MM OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 EA8AK JA4DND K4UTE			
343 DF3CB K3FN K4MQG SP5CJQ VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX			
342 JR2KDN K4DY	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG			

330 AA1ON DJ2YA DL1AMQ EA7TV EI7BA F6BKI HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYU K9CT KD5M N4JF N8JV N9IW NR1R OK1MP* RA3CQ SP7GAQ VE3FF W3NO YO5BRZ YU1FW	J12KXK J14POR K4QL RU3FM SL0ZG W1ECT W2IRT W4UM W5FKX 327 AB4IQ CT1APE CT1IUA DK5WL DL2OE EA1YO EA5BM I4EWH JE2LUN JH1TWT JI8DGO K0DEQ KW9A N6JV PY2YP RZ3AM SM2GCQ SM5CZQ SP6M SP9DWT SV1RK YO9HP 326 EA5BY JA9APS JF1WPB K5EK K8PT LU2NI N3NT N7RT OZ1AXG SP5DIR W8DCH 325 EU7A HB9DHK I5NPH IZ0AEG JA2FJP JA5WIZ JE1SYN JF1PUW JF3KON	JF7XKY JH8RZJ JS2LHI K9EU K9IR OE2LCM ON4IQ R5AJ SM4EMO SM6CCO SM6CMU SP1S SV8CS W1RM W6RLL W9OP 324 DK9KX DL5DSM FK8CP G0DQS G4CCZ I0WDX IK5PWQ JA2BDR JA2DPC JH0INP JR3GWZ JR3OEH K5KC K9YY N1NK N8BM* NK1K OE8HIK R3OK VE2TZT W3LL W9OL WB4TDH 323 EA3GP GM0GAV JF1KKV JH2FXK JJ3PRT JR2LJO KF0QR N5TY* N8RR NY0V OH2BLD SM6DHF UA3AB W7AO	W8OI 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 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	320 CT4NH DF2RG DM5EE I2EOW JA3PIS K1LD K4EM N4II SP7VC UY5ZZ VE3EXY W3KX W6XA YV1DIG 319 DJ4AX DK1FW EA8AKN IK4DRR JI1DHY JR7VHZ K5MC K6AM N4DB ON4AOI UA3AP W5WT 318 A45XR AA4HP AA8CH DL6KR G4PWA HB0CC JA2JNA JA4EPE JH4JNG K2TE K4IQJ K5BG K5DU LA2PA PY5EW R3VA RA7A RW3RN SP1MGM VE3LYC YO3APJ 317 AB9V DJ5FI DK2NG
--	--	---	--	---

HB9HFN	WA7NB	312	K8QM	K9RX
JA2IVK		F3SG	K9ZO	NI6T
JO7WXN	314	JA1SYY	NN4SS	W7DO
K2RW	AC4G	JA1XCZ	NU8Z	W7OM
K6YUI	CT1DKS	JA7QVI	R9TO	WA5VGI
K9MM	DL6CNG	JH1AGU	RU3DX	
KE9L	EA1N	JH1QAX	RX3AGD	306
N2BJ	EA6VQ	JR1BAS	SM2OAN	DL1KUR
N4QS	G3NDC	JR6FC	UA4LY	DL5EBE
NE1B	HA1RB	K1HT	W2JU	HB9DDZ
OE1WEU	IZ8FFA	N1IBM		IK4PLW
UX1UA	JA2AH	N5ORT	308	JE2LPC
W6VX	JA2ZL	RU3QR	DL2CHN	JR2UBS
WX4G	JA5XAE	SV1CNS	F4BKV	K5WAF
	JR4OZR	W7CT	HK4SAN	KD3CQ
316	JR9LKE	W8HW	IU7QBB	N4TL
DF2UU	K2LS	WB8BPU	JA1IZZ	OE5RLM
DL5WW	K5AQ		JA2WYN	R8TX
G0OIL	KB0EO	311	JA7IC	R9FM
IK2QPR	KC9ARR	CT1FMX	JA9TWN	UN7JX
JA8EAT	LA7AFA	IK0PEA	JG4AKL	US5WE
K3WA	MD0CCE	IZ2AMW	JH1SJN	WE9R
K4HB	OE1AZS	JA2XYO	JL1RUC	
K8YTO	OE1ZL	JA4MRL	K0GY	305
KG8P	SM4DDE	KM4H	K0KVR	DJ4XA
KQ8M	SV1DPI	OE3SGU	K2UU	JA1IOA
N5DG	SV1JG	OZ4O	K8OM	JA2VQF
RV3LO	UA6MF	PY2XU	KI0KB	JA7BWT
SP1JRF	UT9FJ	UR0MC	KN5O	JA9GPG
UA3DPM	UX0FF	WB9CIF	KS1J	JE6TSP
W1GL	YU3AA	WD0DAN	N8TR	JH7RXU
W7MO		WD9DZV	NQ1K	K0JUH
W9ILY	313		R7NW	KG4W
WA2VYA	5B4MF	310	SP9JZU	N9AU*
YB5QZ	CT1GFK	HB9SLO	VA5DX	PA5TT
YO7LCB	I3BUI	JA0CRI	VU2NKS	RA9CMO
	JA1GRM	JF8QNF	W1YM	SM3NXS
315	JA5IU	K0KX	W2QO	UT2UB
9H1SP	JA6VQA	K5XI	W5ADD	W5AJ
AA5AT	JA7JWF	K6RO	W6ENZ	W5XC
AB3CV	JF2UPM	K8AC	W9MU	YB1UUN
AB6QM	JG3LGD	K8FL	WA8WV	
G3VKW	JH1NYM	LA9AJA	YS1RR	304
HK3W	JR1BLX	NS6C		DJ9ON
JA1ANR	JS3CTQ	RA0FF	307	DK5AD
JA8RJE	K4SO	RL9F	A65BR	HB9CEX
JA9CWJ	K6KLY	SP6HEQ	DK2JX	JA2NDQ
JN3SAC	LA7JO	W0YG	F2JD	JE1DXC
JR2BJE	LB8DC	W4BP	G0BLB	K8GI
K1BD	N2NL	WB0TEV	HB9TKS	KC7V
K8NVR	N8KOL	ZS1LS	I5HOR	N7US
N5OK	NN4R		JA2XW	N9RS
OE3EVA	SP3CGK	309	JA3GN	UY5AA
ON4IZ	W9RN	AA5AM	JA6WJL	ZL3JT
PY2NQ	ZS6EZ	JA1EOD	JJ3HGJ	
SM3VAC		JA1VSL	K2SHZ	303
SV2DGH		K1AR	K3RA	E72U

EA3GHZ	DL1TRK	K4MS	294	SP5IWA
G3LZQ	DL4CF	K6ND	AI9L	W4VIC
HL3IUA	EA1AF	K8WK	CT1FCX	W6SR
HL4CJG	EI2GLB	K9SM	EA6NB	XE2CQ
IK2RPE	IZ5RVG	KG7H	HA5VZ	
IK4ADE	JA1SVP	KT1J	HA9PP	291
JK1EXO	JA9AA	W6YI	JA1FQI	G0EHO
K7WP	K3XA		JA5SUD	IT9CVO
K7ZA	K8GG	296	JE1GWO	JA3ENN
K9MK	K8TL	AA4R	JJ1DWT	JA9FAI
K9US	K8VFX	AA8OY	JR1DUP	JH1BAM
KB1JZU	PA3CSR	AD6W	K0BBC	K4ZO
LA3WAA	UR5EDX	CT1DOF	K7ZV	KP2A
RL3FA	W3OA	EV1R	KZ4V	LA5HE
RW4NN	W3RJW	GM0AXY	N0KV	N2TN
SM6CUK	W5VY	JA1JAT	OE5BWN	N7IR
SP2BMX	W6TC	JA7LGE	RU6L	N7RO
SP3IBS	W9AJ	K3PA	SV3DCX	VE3CFK
SP7HOV		K6FW	W3JX	W7BEM
SP7ITB	299	K8VC	YO2CMI	W8TN
W1SKU	4X6ZK	LA8PT		W9FR
WT8C	DM2DXA	N0RB	293	ZL4TT
	EW2A	RA3QK	DL1HRN	ZS2DL
302	G3SVD	SM6BZV	DL1SMA	
DJ5JH	HB9RG	SV9COL	EA3WD	290
F5CQ	IK5RUN	UA6YW	IK0HFO	AA4A
HB9DDO	IZ4MJP	W2GG	IV3YYK	AJ9C
HL2IFR	K6SIK	W9JA	IW1QN	I4KDJ
I1EIS	KB8VAO	WA3AFS	IZ8FWN	JA1KQX
IW1ARB	N9FN	YO2RR	JA2CXF	JA1QXC
R5DT	UA9FAR		JH0BQX	JE2DZC
RK4FD	UN6T	295	JK1TCV	JE2EHP
W0VX	VE3BW	DL1DUO	K3FRK	KD0PO
W4QN	WA9PIE	EC3A	K4JAF	LA2QM
WD4LBR		IW0SAF	KD0Q	LA5LJA
	298	JA1BPA	N2LM	LU3CQ
301	5B4AHJ	JG0CQK	N4RWG	PP1CZ
AE5E	DL7BA	JH4ALY	PY2IQ	SK3PY
CU2AP	G5LP	JM1FHL	S55DX	SV3AQR
HB9BOI	IW0HQE	JN1RQV	W7ZJ	UN7LZ
HP2AT	JA1WSK	K0TPP	WA4FFW	UN7TW
IZ1LBG	JA4ITW	K1GG		W1EQ
JA0DIN	JA5BEN	K4XD	292	W2LK
JA1LSP	JL2JVB	K5VIP	DL5CW	WB9EEE
JE1LFX	JR7WFC	K5ZK	E72A	
JG8FWH	K2PK	N7TY	EA5AT	289
JK1GOK	K8EUR	NA5C	G4GIR	4Z4DX
K4SE	ND0N	RM0F	G8DX	AJ6T
MM0EAX	PY2VA	SM5FUG	HB9BAT	DL9TJ
PY7DJ	ZL1BYZ	SP8HKT	IZ3ETU	EA6ET
RN3QN		SV1GYG	IZ8VYU	JA8EJO
SV2AEL	297	VU2PTT	JA3EOP	JA9FPI
WB5JID	E73Y	W5LT	K5DHY	JA9IFF
	HB9CQK	W6XK	K7ZD	JG1WSC
300	JA3RQ	W7AL	LU4FPZ	JH4GJR
9K2OD	JE7JDL		N8II	K3UL
AC0A	JE8CLT		R6AF	KK0M

R0FA RA1QD S57AT VE3EK W9YSX	LU8EKC N8SNM UR5WA VE1JBC W3GQ W6PJ W8AXI	W6BJH	JO4CFV KF2DT KQ4AV OH1ZK VE3DZ W4UCK WB2BIN WO7R	OH1JP RX4HZ SM5CLE W1YRC W1ZT W2OIB W4MAY W5GO
288 IZ0RVI JA2JRG K1DG LZ2JE N5LZ N6UK ON6AA PY2KP UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ	285 CU2DX DL2SWN EA3GHQ EA5KA HL2WA IK8VRH IZ8DFO JA0PE JA2IYJ JA2VMU K6G XO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	282 K1DT K1USA K5UO K8ROX N6TA OH4UI PC3T RD3AW SM4CTI UA0BA W4OX XE1KK	278 9A4T EA8RR EI9JF F2NH JA8LRG K2UR N4HB N9ISN SM0NJO SM4AZQ VE3CRG W8MHW W9HBH WF2S WT4Q	275 CT1FPQ JE1BMJ JG1OGM N2JJ N7KA ON5UE PA7RA
287 9M6YBG AA8LL AA8R IV3GOW JA1XPQ JA2ATE JE2OVG K0AZ K5RT LA3MHA N8PW R9SA SM5ARL W1VT W4YCH W8AV WA6F	284 DL6JZ EI9FBB GM3YOR JA0DET JA8CJY JG3SKK JH3SIF JN1BMX K9NW N4LR OE2GEN SM0CCM SM6CTQ W1OPD W2AY W4FQT W5ODD W8BBQ W9MJ	281 AD5Q BA4RF EA5OX F3AT I1FQH IZ8FDH K0GD N2WB N5GH OZ1IKY SM5ENX W0LS W8KEN WN6W	277 EU1KY F5UJK JA8DNV JA8EOT JH3KAI JK1UNZ K2AJY K8UT ON4CAS UW2ZM W1KSZ W2PP W3BW W8RLS WA3C	274 EW1KP IW0HOU JA8ZO JH1IAQ K3PT K6UM KA8SYV KA8ZPE KS3F RA5BM SV9AHZ UA3ECJ W7MEM
286 AB5A CT3HF DL2VPO DS1JFY HB9RYZ HL3GOB IK0AGU IK0XBX IZ8XQC JA2FGL JE3ENP JF2WGN K1LPS K1RO K5PS	283 DF2GH JA1RTX JG3FEA JL1XMN K3WW KJ6P OE8SPW W1LW	280 CT1EAV GM3PPE IZ3ENH JA3XNH JA6TMU JA9NLE JF1NZW JH1BNC JH1HHC JR6LLN JR7FRW K4WNW PY2DS SM5CZK UT7UV VK3HJ W8HC W8LGJ ZS4TX	276 AA6AA DK3WW HB9LCW HK1MW IZ5BAM JA2XCR JA7FWR JA7LMZ LA0FA LA9VFA N5MOA ND4X NK0S	273 AB4SF CT1BWU DH2PC EI6FR IZ4DPV JA1KPH JA2TBS JA6BEE JH3GCN JI3CJP JM2RUV N4IG NA5DX OZ1ACB OZ1LCG OZ4VW RW7M W4HG W8QZA/QRP
		279 JE8TGI JF2XGF JH7BKN		272 AF9H DS5ACV

F5PBM	269	W7YAAQ	262	SK7AX
I5OYY	IK7FPV	W8MET	CU3EJ	SV1FJP
IK5PWN	IK8EPC	WB2GAI	I5REA	TG9NX
JF1LMB	JA1OVF	WB3LHD	JA8BAR	W2XI
JH1OBS	JA1VLK		K2SN	WA5LFD
K1UU	JH3FHQ	265	K8AV	WV8DX
K6IPM	JP1NWZ	4F2KWT	LA6UL	
K7EG	K0KT	G3WPH	LA9FFA	259
K8BL	N4UOZ	JA4FM	LA9GX	CT3KN
K9MBQ	N6RV	JH1ACA	N3RC	DJ8NT
KA1ERL	NW7E	JR1WCT	N8OC	EA3EQT
KI4GE	OM4EX	K2CBI	NK4L	EW1BA
N2DPF	SM5FWW	N5KM	NX0I	JA8BNP
N4JQQ	WA0RVK	N9JV	SP6JIU	JE2RDO
N6PSE	YB1AR	NU1B	W5ZG	K2UFM
N9RD		W6RS	W6NWS	NI3P
NV9L	268		W7LGG	PY5CC
OE5FIN	7M4AOE	264	W7QDM	W1KDA
PA0ZH	HB9BUN	4Z1UF	W9PZT	W7AH
SV1ACK	HB9IQB	EA1KP	WA3GFM	WS9V
W2OO	JA1NWD	F6DBX	WB8ART	
W3ACO	JA6GPR	HB9DHG	WQ6Q	258
W3AP	JH4HMG	IZ0NRG	YB2DX	CU3EQ
WA1S	K2KA	JA1IAZ		DK7YY
WL7E	K6BV	JA7HRM	261	HL3AMO
ZS1A	KD4W	JR4LNG	DK3PZ	IK4AU
	N2AJ	K0DD	G3UAS	JA9AGN
271	N5JB	K1CA	IZ8IEV	K0TT
4X1RU	SM6BGG	N1EN	JA3FHL	KH2L
HL4GAV	W2FV	N1GC	JA4VLK	SA0AQT
IK2DZN	W9OO	PA7TWO	K2FW	US0YA
IZ8EJB	WA1YTW	SV1CQN	K7LJ	W1SSN
JH1OCC	XE1MEX	VE3YF	KM1D	W5JAY
JM1HJG		VE6AX	LA5SJA	W9EWZ
K3PU	267	W5PF	OM8FR	ZL2IFB
KB1EFS	IV3VBM	W6TMD	SM7CQY	
LB2TB	JA2QXP		ZS6WB	257
NN4X	JA7BEW	263		AF4HX
UA3TT	JA8UIV	DK4TP	260	DJ0UT
W1MK	JJ1TKN	EA3CJ	AA9A	DL9FCY
WA0MHJ	K4RG	EA4DL	EA8MT	EA1JO
	K5VWW	HA7UW	EA9IE	EA7SG
270	K7XB	JA7XBG	EC1AIJ	EB3CW
7K1PTT	KI5BLU	JR8AMF	F6HLC	IK2PZC
AA4FL	N3VA	K1KO	FG5FR	K1SM
BA4MY	SM5BMB	K4KAY	JA2FBC	N1API
CT3MD		K8FH	JA3VPA	N6HC
DK8MCT	266	K9FN	JA3WLN	PY2MC
EA1KY	EI8IU	KN6KI	JH3FUK	RU1AB
F9XL	IK0UTM	N1RR	JH4ADK	SV1VS
K0BJ	IW7DVM	N7BT	JJ2WOC	W0JM
K7UA	JA3BXF	NF1G	K1ESE	W3FI
K9JF	K8AJS	SM7IUN	K6EME	W5DM
N4QQ	PZ5RA	W0GG	K8YSE	W8MJ
OE3HWC	RA4CA	WA4LOX	LY1G	WV4TN
PU2POP	SV1HEP	ZS6NJ	N6MZ	
VE6LB	W0FLS		NT5V	

256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID K8RRT M0TTB N1SV NA5Q VK3NX W8JRK WB7B	K8DV KE1F N7XR UA0FO W2/CT1GIF W6RW WF4U YB0COU	JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F OH2IS PA0JSE PY2FN UN3G W7HPW W7IU YL2KF	K1PL K3VAT KH6M N4QWZ N7DED NA9RB PY5IP S51NM W7IB W9JJB WS5W	243 DS5TOS G4XRV JA2EPW JS6TWW K8ME W1BR W4PNY WX2U
255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JA1VRU JK1OPL JR3UIC KR4F N1RK N5BO VR2XMT VU2CPL	252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JH4CBM JL1BYZ K1EFI K5FZ KB9DAK W2GW W2ZI W7CA WA4CEM WA4JQS WV6E WV9L	249 AF5CC HL2CFY IZ8GGF JA1EMQ JA8FFM JH1APK JH8GEU K9NR KF7F KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D	246 AA7G GW4TSG HL2EIZ IV3KFB JE1VTZ JK1WSH JR7GBL KB6CIO N6PM W1KMA W3ICM W5ZO	242 G4FKA JA4ZA JH1ERJ JH1WJR JK1VXE JR1MLU K3NQ K4PB K7FEL KJ7M N2NS N6HY NF4A PA3BWD RC2A VK3BDX W8CZN W8GNM WB8K WC3W
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO JH2VUH K0GW K3SEW KI1U LA5YJ NE8P UA3O	251 9A4W DL2RTL JA1DDZ JA1SKE JA5BGA K4VIG K8CW KG9Z KJ7TEA N4SC N5UL NV4B W2JLK W3ABT W4SK W5GAI W6DE	248 AK5X EA4DEI G3VPW HB9DOT HL2KV JA1PBV JE2VLG JJ1SKG KF9UG N4XP N6KZ SV1IW W2TB W8IW W8OP	245 AJ8MH G3KMQ HA5PT HB9JOE JA3QOS JJ6DGP K3EA KF7PG N0AH N2NW NZ3O S55ZZ YB0NFL	241 AB5C IS0AFM JF6XQJ JP1IOF K3WWT K7KB KV1E N4OA N9SF W5DNT W5QM WA8MCD
253 AC9O FG4NO JA6IVR JA8XQI K1FEV K6MKF	250 6K5YIA EA1RT HA7TM HB9EFK HI8R JH6PFY	247 CT1FUH JJ1BMB	244 IK8UHA JA1CZI JI6IHG JJ1QUV K0KG K1KA K1YR KK1W SP6A W0QQ W4REX W5PJR W9FI WA2USA WA3F	240 7K1CPT E21EIC G7SSE IW3GJF JA1DM JA2FSM JN1NBU K9JU KF0LA N0ABA

PY2GG	LB5WB	IK0LNN	HL2ZN	K4KGG
SM3LGO	N4HID	JA2OLJ	IK1IYU	KB1DMX
SP5LKJ	SM0MPV	JH5HDA	JA1MZL	KE0A
UX5UO	W6AER	JK1BSM	JH0AWC	KE4UW
W0SZ	W8UN	JR1VAY	K2RU	RA3QUA
W8WEJ	WA0ROI	JR4LZX	K4YJ	UN9L
WB8CQV	WB8B	K4MF	K5IB	VR2CH
XE1RBV	WB8ZRL	KE5FXE	KD6UO	
	YO3JF	KE8UM	LZ2XF	227
239		KX2A	N8HRZ	DF8FT
AG1A	236	ND4V	NA4EA	DL2RUM
DJ9RR	HB9DQV	W3WST	SM7NDX	I0MWI
I0JBL	HB9ZS	WA5UA	VU2DCC	JA0DWY
IZ1JMN	JA1HOM		W4UDH	JK1SQI
IZ2FOS	JA1JYE	233		K1GE
JA6CBG	JA3KNN	AA9GR	230	K5GH
JA7KE	JH1UBK	AA9RR	G3LUW	LU6ETB
JA9NFO	JN1NOP	AJ4A	JA5NPV	N1NU
JE2UFF	K1ACL	DH0GSU	JA6AVT	N6OJ
JH1DGJ	KM3J	DS3HWS	J11VVB	NA9Q
K1XV	KS4S	EA5AR	K2SY	W4DEE
K2XF	N4GN	JA0KJD	N9PGG	W5SL
K4QE	N6IE	JA3NHL	SV8CKM	WA9GON
K8YYY	OE2BZL	JH1SOD	W2KA	
N8SHZ	OZ7FOC	K8BN	W8FIB	226
OE3KLU	PA0TCA	K8EAB	W8WVM	DM2RM
OH7TV	VU2CDP	N9BX	W9YE	EA5B
WA6JA	W0HBH	NE3F	WB2NPY	I0OSI
WB4KTF	W2YR	SM0XBI		JH1IED
	W4GIW	W2NRA	229	K2BA
238	W6DR	W6YOO	AA3LX	KK4OK
G8AJM	WA1PMA	WB2KSK	AE0P	N2KX
HB9MFM	WY6N	WD8PKF	AH0U	N2SQW
JA0LXP	YB2TX	WE4S	DL8SDC	N5ET
JE1PNX			IK2GAJ	N6BM
JF0JYR	235	232	JA2VHO	N9AOL
K9GA	EA7QW	AC9EM	K0HD	NG7M
K9OR	EI2HY	EW4C	K3FM	VE3SKX
KA4RRU	EU1U	G3XLF	K4CMS	VE7TK
M0CSD	JE1IBI	HB9DVO	KD1F	VK4CAG
N4PJ	K0EOO	JH0OXS	KI4DLS	W9DX
N5ZC	K0VSH	JH6DUL	N3PS	
N9UA	K5CWR	JR3VMJ	N4NW	225
W4KA	K8ZM	K4ST	NE6I	DK5RL
WA4QMQR	N2FF	K5FNQ	W1WC	DS4AOW
WB0TVY	N4IQ	KK9H	YB1TJ	DS5DNO
ZL4AS	NA5Z	NJ7G		EU1M
	NW4M	NY2NY	228	JA0EVI
237	TA1CM	RQ3A	7J1ADJ	JA4CZM
CT1BOY	W3MR	SV8DOU	AA0MZ	JE2EBT
G0VXE	W7YW	W2DXE	F1RAF	JF1MTV
HB9CXZ		W6CYX	F5LIW	JH8NQV
JF2OZH	234	W9ZCL	JF1RYU	JL3OUW
JH1DGQ	DF7EE		JF1WLK	K0OK
JR0QFA	DK2CC	231	JH2PWY	K1JIU
K1RV	HB9BYQ	AD5WB	JH3GFA	K2HAT
K2NV	HS1NGR	DK6OR	K4JC	K3SF

K4JWA	221	WW8W	JP1GUW	N4FN
K5YU	EA2AAZ		JR0AMD	SM5AOG
MU0FAL	HB9HBZ	218	JT1BV	SM7GIB
N0ODK	IZ1JLG	DL2NOM	K1TZQ	VK5GR
NA2AA	J11NJC	DL4NBE	KF4NEF	W5DAW
W5GZ	K4CGY	I7PXV	KO6KD	WW2DX
W5LO	K4MV	JH1OGT	N8NN	YL2TW
W5TFW	K5DV	K1NJ	RN9N	
W8UV	KU4XO	KE3D	W0FG	211
W9KVR	KV4AA	KR2Q	W0TT	AA8SW
WE1P	N4TOL	N4JT	W1JGS	JE2KSM
YO9FNP	N9JR	SM7WVZ	W4IS	JJ1JMZ
	RU0SN	TZ4AM	W6SL	JJ1KZZ
224	W0BM	W5GA	ZL2AL	JO4JDU
JA1OVD	WA0WWW	WA2NPD	ZS2Y	K3SX
JA8NFV		WC2K		KT2C
JO1LVZ	220	WC4H	214	N1BY
K1CBK	AA6RR		3A2MW	VR2XLN
K2TER	DL4DW	217	DJ3AS	WY1G
KZ5DX	DL4LAM	IK0CHU	F4GVO	
N3RW	EA5DFV	JA2NNF	HB9VAB	210
N7WO	EI9FVB	JA7ZP	JN7DOS	AA4LR
RW4CY	K1DJ	JG5RVQ	K0QQ	CU3AN
SM7BHH	K1NTR	K0NV	K2AZ	JH6RTO
SP6AXW	K4EU	K1RH	N9KW	KD4SN
V51B	K4MIJ	N6QI	PY2RO	KD8RQE
W5RF	K5MT	OZ0J	SP7ICE	LU4FW
W7NN	K6MM	W0TM	W0KCJ	PY2WC
WB0O	K7AWB	YO3IPR	WB6BFG	S54A
WN6K	K9WX			W5WP
	KV4T	216	213	W6WF
223	KZ9DX	CX2CC	9A1AD	W7FP
AB4UF	NY1V	DJ3XG	AG3V	W9IL
AF2C	ON4ATW	EA2AFV	DK3UA	WA9BZW
EA7DUD	SM0DSF	G4VMX	HB9HIT	WK8A
I8MTQ	UR4IOR	JH7WQX	IT9ODQ	YB0DJ
IK2RZP	W5THT	K7LV	IV3FFI	
IZ8MBW	W8LMG	KK4OW	JA1FVS	209
K6IPV	XE2X	KR4W	JG1JPE	JH8UQJ
KI6CG		KX4TT	JG3RWX	K0LB
KW4V	219	LB6KC	JR1EFG	K0VM
N4ENE	F5JSD	NC4RB	K5ALQ	KB2FCV
	HB9BNQ	PS8ACL	KK2M	KB4MRX
222	HL5BMX	W0SR	N6PEQ	KO8SCA
AK5Q	IK5QPS	W5VQ	N8GP	N4TD
DJ9SO	JA1FJJ	W9MO	NA2M*	N9XX
DL5XL	K5CD	WB3D	VK3FM	PU1KGG
E77S	K5JZ	WS1L	W1LE	SM5BNK
IZ7AUH	KD2T		W3BJ	W6DCK
JM1VRW	KE6V	215	W7HR	W8BLA
K2AT	KG6I	9H1EJ		W8HMK
K6ZZ	KI7AO	AA7XT	212	WB0ULX
KB5UNX	KR6C	DS4GKF	G4ZOY	
KS4YT	N1KC	HB9IIO	JA1BWA	208
KU8X	N6DX	I1YDT	JA3LDH	HP2NG
RA4P	W6GRV	I5XFD	JR2PZX	JH0NOS
VE7BV	WA3I	IZ0BVU	KU4BP	K0THN

K4WES	JA4DHN	W3NS	IV3BSF	SQ7FPH
K5RJ	JA7JM	W4RDX	JA6ENL	UR5FEO
N7WS	JA7MNF	W7TUS	JM1ESG	VE3YXO
NU1O	JO3WHB	W7VY	K7PT	W3ML
NW6S	K4YYL	WE2N	KA1J	W3SB
W1FA	K5VR		N3ND	
W4WN	K9SG	201	RA3BL	194
W5FPT	KW1DX	DL4FAP	VK6OZ	A65BD
WA6G	N2KI	GI4OWA	W6SHY	EA5ZR
ZS1J	OH3OJ	IZ0GYP	WA2VQV	K1LT
	WA4MME	K0MFI	XE1FAS	KP3AH
207	WI7P	K2CYS	YV5LI	KR8T
9K2BM	XE1J*	N4PYI		NJ3K
DG5LAC		RT5A	197	SP6EY
JA7MAD	204	W1OP	4X4MF	VU2LBW
K6ZP	KB5HC	W6AEA	BA4TB	W4DC
KE1VT	KM9E		EA1DLU	W5UHQ
M0HIH	VU2IBI	200	IT9AAI	W7PAQ
M0IKW	W4GP	HB9AGO	IV3AVQ	WA1NXC
N9AKR	W7IV	IZ5FSA	JA2MNB	XE1R
OE1JIS	WB8BZK	IZ8EKL	K6TAR	
ON4ANN	XE1L	JA3EY	K8SIA	193
RD9M		JA7DPC	NN5E	7L4VYK
TF3DC	203	JH1FVE	W4DAO	AE4CW
VK2CA	7L2QAD	K1ZJA	W4HZ	DH3KM
W1MJB	DF3EC	KC6JAM	WQ5R	HI3T
W4GE	F5NBX	KM4VI	XE1H	I4UUL
W6KK	IK2RGT	LA6OP		IZ5MOQ
W9QO	IZ0BTV	N1IA	196	JA0AXV
YB0MWM	JA0CIU	PY3VB	CT3CD	JA1QIW
	JA7JPZ	VK6LC	DF2UA	JA3PRM
206	JH8NBJ	ZS1DX	G1VDP	K3NF
AG5W	K0CS		HB9ESS	KM1C
CT1HHP	K4GO	199	I7LGM	KZ1W
HB9CRV	K4JKB	AA3TH	I8YAV	LZ2ZG
IW9DNI	K9OW	AC0X	JA1XRA	N4HN
IZ4DIW	K9TF	AD4AA	JA7FAS	NU4B
JA4DNC	KA1DJ	JH0RVY	N2GZ	PY8WW
JF1IRW	KK8MM	J11WLL	N3QE	SM5ELV
K8NK	KL7TC	JM1SZY	NA9A	W8NN
KK5OQ	KM7R	K4SX	SP3F	WA9DU
KK9T	N2ZA	K4VNY	SP5MXZ	WB6CJT
KW4CQ	N4TV	KC2SST	W5AAJ	
N6ZN	N6PAT	KI4WCQ	W6HYI	192
N8BJQ	N7ELL	MU0GSY	WB5NHL	F6FYD
ND3L	SV1FKZ	N2RR		HB9FBG
NW7US	W1DYJ	PB9FN	195	IZ7GIT
W7IUO	W3BNN	V51YJ	CT1ELF	K1JD
WA3WZR	WA3FRP	W6JZ	JA7QQQ	K6XN
WB0N		W6UC	K4KEW	KJ4UZU
	202	W9LN	KE4S	KJ4YLO
205	BV1EK	W9RXJ	KF9AF	N4XYZ
AC9S	G3SBP		N3XM	NC2Y
DL6UNF	IK5BOH/2	198	NA6MG	UR3EO
GM0VRP	JR1IZM	AG7N	NN2D	VA2IG
IK0WRB	N8WD	DJ0MCH	OH6NIO	YB1TQL
IK3GBG	W1AW	DL8DWL	PP7LL	

191 AA4NC HA5CW IT9IPQ JH1FNU JK1AJX JP1LRT K1RI K8QKY N4DWK N7MQ NK7C OV5O OZ7DN VK2HV W5IP W8UQ WB4DNL WF1H WI8R	N6NU OH2LHE ON6KE RM3DA RN3CT SM4BZH VA3OKG W4AEJ W5SUM W6DPD YB4CHP	WV2I	KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK	WB6AXD WCOW
190 AA4U AC4VM DJ9KV EC7B F4DSE G3WW G4XEE HL4CCM JA2ITK JH8KFE JI2UDK K7UT K8ZT/QR KD0AA N3AIU N6MXU SM0BYD W2OR W9ROG WA8LRW WB4GLI	188 EA7AN JA0GCI JH7NTW K2AX K2DC N2ZZ OZ9XU PY2RN WV4V YO2DFA	184 AA4UC AD6ZJ EA5RU IK0HBN JA7FVA K3JM NW7M SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 A61BK AA4AK DK1NAL JH1IZR K0IL K2SD K8SL N7VPN NA5S VR2XYL W4DSM WA6EZV	177 4X6UU IW8CGX IZ2EWR JA0LFV JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KF4VTT SM5CBM SP9IZV VK2AAH W0IKD W0JW W1AO W4KVS WD8KND
189 I0LYO IV3KCB JA1SGU JG1SWM K3DFL K3HW K5RKS K5TN K6UXO KD1AB KY5I N2MEE	187 EA5HM F4WDL IK8GJR KM4NS N6VNI W5ZE XE1YD	183 IU0ICA JA2KSP JA3UNA JE4CIL K6LRN NA2U W2CG WF8R YB2TS	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 NM1G VE1VOX W0MS W4LEW W9WO WA3GNW
	186 AF6PK K5EWS K5QX K6EGF KC6X KK0DX N5QS W8RV WA5IPS WZ4RC	182 4X6KJ I5FLN I8LWL JA6SQR JI1CQA JK1DDG K7LAZ K9AQ KG4JSZ KL0S KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ	178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N4ST N5FEE N6DHZ OZ1HPS W7HUY	175 AG5CN EA6UE IU8IYE IW1PUR JE3PCP K0KV K1ROA KD4POJ KF2OG KF6HI KN7D
	185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W6RKC	181 AE4M EI3CTB IZ4AIB		

N7NG	171	WA6QGH	VA7DX	W6SIY
NS3L	AA5N	WB8EKG	W4PGC	W9CSX
UA1OM	AD3C		W6FL	
UA9AGX	CT2GZE	168	W8SAX	163
	DL5MM	A92IO	WA1ZIC	4O3A
174	F9CI	EW1P	WA5NOM	AA4OC
AG4Q	IZ0CKJ	JA0PZJ	WB3JFS	AI4QQ
DL5KUA	JA3AVO	JE4KCN	YO3AIS	DS4NPL
HB9HVG	JJ1BDX	JH1ORA	ZL3RJ	EA1AZ
JL6USD	JL1GYZ	JH3EQP	ZS6IR	F4CPF
JR3TOE	JS6QOM	K0PC		HA5BSW
K1XE	K2TV	K0RAR	165	IK2ULM
K5CR	K4NTO	K1VI	AG6HE	JA0MRW
K9HQM	K4WY	KF0RQ	CU3HN	JA4GXS
K9UQN	KB0V	LU8ADX	EI5JL	K0ABC
N7NW	KC5LK	LX1CW	HK3PJ	K0CF
NG9J	KP4DKE	N6MB	HL1VAU	K4GN
W5JMW	N8WRL	OE1ALW	IK0XIH	KE1B
W5WI	NA6O	R4FAN	JE4WOK	KO4PRE
WA4BIM	ON6MX	SV1XV	JF1KML	KW4MM
WA4NUF	W0MU	VR2MY	JR1KBJ	LA1CO
WQ5T	WA4DOU	WA9IVH	JR6LDE	N0AMI
	WA5KBH	WX0Z	K3VPZ	N4KM
173		167	KG4CUY	N7KDT
AB6CF	170	JA8BOV	KG5NP	N9LEO
AD0K	DL2JIM	JE3FOR	LA2XPA	R3IS
AI9U	EI5KO	KA5JSM	LB7ZG	SM7CZL
DM6MA	EI6AL	KB8NTY	N2RJ	VA2LC
HB9DVZ	JA1GVT	KD3HN	N3KS	VU2MSA
K5ZQ	JG1GJH	KE3X	PT2ND	W1OK
K6UNE	JK1BIB	KH6XT	RA0BA	W1XV
K7STO	JQ1PCX	N1ZJ	RL3BZ	W4PGM
K8JE	JQ1YIW	N4PL	VK3TC	W8MIL
LA9VBA	K6JJ	N8JS	W2FS	XE2YWH
N7HN	K7CU	N8OQ	WB2WPM	YO3DDZ
N9DR	LA2GH	N9ATF	WB9PNU	
NC7B	N4VN	PT2ADM	WC4X	162
NX2X	N6EM	PY2SEX		4F1OZ
SM0EUI	N8VV	TF3VS	164	BH4IGO
TF3JB	NX4TT	WA0SXV	AC4BT	DJ7JC
W7VAS	VE1OP	WA5NFC	CT3DL	DS3EXX
WA7BNG	VE2YG		DL7JRD	EA2AGV
WY7FD	W0OGH	166	EA3HDZ	HS8KAY
	WA4USA	AL7R	EI6IZ	JR4CZM
172	YO4AUL	DL1SVA	IZ0GVZ	N4BAF
EI1DG		GM7NZI	K6CF	NP3CW
JA1BON	169	HL4XM	K6GFJ	W4NBS
K5TA	AC0DQ	JG3KMT	KA1API	W8FN
KI6MQX	DM3CW	JR6GHN	KB7QFE	
LZ1XL	JA1KXT	K0PX	KD8MQY	161
N3AO	JE1PHH	K7CTV	KL7TS	HL3ERJ
N5PA	K8ZZU	KM4HQE	N2XQM	JP7FSO
N7GCO	K9OT	KN4FO	N7WI	K1BZ
SP5ES	KI2D	KR4BD	NA2P	K2OP
W1ASB	N5MT	KW4J	PT7DX	K4AR
WB8QZM	RD3BD	SV2CLJ	S50B	KM4A
YB4IR	SV1IZY		SP7QHR	N7QT

NA6XX	G4SGX	N5QZ	K4OY	VA3EJN
OK2ZDL	IK3DVY	N7RD	K8ROK	VA3HP
SM3PHM	JJ1KXB	W1MR	K9MMS	W3HER
W5BK	K4HQB		K9YZ	W5WLA
W5RDW	K4SAF	155	KF9LI	W6WA
W6DOE	K8GWU	5P5Q	KK4XL	WA9JWL
W9GG	KB2XJ	AB4GE	LA2IR	WC2C
	KF7NN	DK3QM	M0MCV	
160	KJ7NO	F6KOP	N0VVV	150
E70T	N4XMX	G0THF	OH3FVP	DK3BK
EA1WH	N6MM	HB9GWJ	SP5NON	DK3FB
JA1ITJ	N8TFD	IV3TDM	W3DIY	DL9SAD
JA1UOA	OH3DP	JA0EBV	W8OM	HB9EBM
JF3VEC	OH3PYY	K2DF	W8VK	IT9ABN
JG2LGM	W0JMP	K4EZY	WB4SON	IZ2MHT
JK1EBA	W8LIG	K4WM		JA1IHD
JK1NPH	WB2RAJ	KM2O	152	JA6SUY
JR1CAD	WB9B	M0IFT	AC6BW	JA7GZM
K7LY	WB9ZNZ	N1QY	BX5AA	K5HK
KC9K	WT2P	NH6L	DF2WF	K9RT
N0IW		NK7Z	DU1KT	K9UWY
N4MEC	157	NO9E	G4AFJ	KI7M
N5WA	7N3IJT	NU1T	IK5BSC	KX5U
N8IL	AB2E	OE1HHB	IZ0FUW	N6JOJ
NI5F	E20YLM	UT7EC	K2EK	N9IO
W1TO	EI2JD	W5SV	K4RDU	NM4SH
W9FF	GM4KHE	YB1AYO	KD2OV	ON6ZV
YO8CRU	JA0NZR		KE9S	SM0BSO
ZS6RJ	JA1UBZ	154	N8IK	VU2NXM
	JA3MHA	AC8TO	N9GKE	W3KB
159	JE3OUW	AJ8B	ON4LG	W4NE
AA3AZ	JG1XBM	DS5WQT	R9JX	WL7OU
CT1ESO	K0SRL	JA0GZZ	W2NY	ZS1C
DD0VE	KN7Y	JA4HXF	W6RFF	
DK8IZ	N0SL	JA8ANQ	W7JET	149
EA1P	N4MI	JE6PJP	YV4DYJ	7N2JZT
IK0WMJ	N4QM	JH1AQN		DS4DRE
JA0ED	N6VH	JM1JZN	151	ER0FEO
JA4FKO	N9AZZ	JR3QHQ	AD5MD	JA0JPD
JH1BHW	N9MB	JR7ILA	AK9B	JN4FNZ
K0IO	PY1NS	K5DXR	DF1IR	JS6SCC
K1EDG	W3HKK	KC1ERO	DL4KUG	K2KIB
K9QJ	W4DTA	N7JB	IK1UGX	K2RET
KC4HN		NE5W	J68HZ	K4TXJ
LA8ZAA	156	W4CIR	JA2BUR	K8WHA
N1MD	EA3HPX	W5TMC	J13BFC	K9EXY
N4VG	GM3WIL	W8TM	K1QN	KM2E
NE5S	HB9HHH	WA9MAG	K3GW	KP4DS
NF7D	HB9MXY	WN7J	K4DET	N0STL
OT1A	JA1CCG		K7LAY	NE0U
VA3NXM	JA2ODB	153	K9AAA	NU4Y
W1EBM	JA9RT	HB9BEM	KE4BKL	NZ0O
WD5BJT	JH2AJY	JA3UOQ	KE8G	RT0F
XE1MW	JL3DGI	JH2NWP	KK4CLY	TF3Y
	JM1LPN	JR7MAZ	N7MB	UA9MC
158	K2HT	K0YL	NU4I	W4MA
9J2BS	KA9OKH	K3GO	SM0NUE	WA1EHK

WF7T	WA3SKQ	KJ4R	K6EV	137
148	WW8RT	KN7K	K7VC	DL2RD
4F3BZ	XE2B	LB2TG	K7YMG	G3PSM
A71AM	YB1BML	N2YBB	KC3AK	HL1MKT
AE0MO	ZS6UT	N4GBK	LA8PDA	JH1SBE
F5NNN	145	N4UP	LZ2HM	K2CDJ
IW5EIJ	5T5PA	N7ZA	N5JED	K2RKJ
JF2AIJ	AA5TL	TG9AJR	VE3NJC	K4AU
JR3PKO	AC7JM	W4JVN	W5VU	K6IRA
K5LY	AL7TC	W4UFO	W9BS	KP4N
KA3GWD	DL1MEV	W7VS	WB1ASL	N5RN
KB8ZUN	EA4S	WY0V	WW6G	N7VZ
KD4EE	EA7LS	142	YB3MM	N9NFT
LZ1MDU	EI7GY	AA4DD	139	NI4Y
N0TK	F1OBJ	I4JEE	F5VML	OE3JAG
NJ6K	JH1CTV	JA1PUK	HB9ARK	SM5CSS
PY2CP	K5FXB	J11UHZ	HB9DTE	SP3EPG
VE6TL	KQ5M	K2CJ	HL4CBX	TA1AL
W4AFB	KS0M	K3GT	K0QB	W2GGY
W4AG	N6KK	K9UO	K9TRV	W4UEF
W9GM	NS4X	KA6BIM	KX4I	W9MR
W9MAK	W3DQS	LA1J	N0CKC	WA0WOF
147	W7NP	W8WV	N2SG	WA5YOM
AB9KZ	WR7Q	141	N7NF	WG0G
AI6P	144	7K3QPL	N7UJJ	WS1F
G3VQO	AD0TR	9H1AE	R9MJ	136
IS0/YO3RA	DL6DCD	EA1T	ZL3TE	DM5JBN
JJ0LZQ	G4FTC	EI3ISB	138	G0OSK
JK1OTP	GM0VIT	HB9EXQ	AC5AA	IS0EBO
K3GGN	K1TKL	IZ3XEF	DL5KUT	NT5EE
K5UZ	K7QBO	K2JK	DL5ZB	ON5GF
K8MRT	K8OS	K4RM	G0FWX	ON5RKN
KB9LIE	KB1HY	K5VG	JA0CVC	VE3FRR
SV8RX	N5UE	K8RCT	JA1PVX	W0ANZ
W3NRJ	RN0C	K9AAN	JA1VRY	W4GH
W4IDX	TF5B	KA5SYP	K2YSY	W4PV
146	UY2UZ	KA5VFU	K6CW	W7KKC
AE5B	W0AIH*	KE7BMG	K9BO	W7SX
HP3TA	WB9W	NZ6N	KC9G	135
JA3KWZ	WX3P	SV2JU	KF6A	AB4FH
JE1COB	143	VE3FAC	KL7NW	GM5YTT
K1IG	AA4MM	W1NA	KU9S	HZ1GW
K6NR	AF3X	W3IZ	N3PV	JA1DCK
K8ARY	EA4D	W5GOL	N9BVA	JA3MIO
K8POM	FM5DN	W6HDG	OD5YA	JA7MWC
KB9AIT	HB9AAA	WK9U	PV8ABC	JJ1HLL
KM8AM	JA1MOD	140	TA1PB	JL2ULM
N6FS	JF2RSF	AD9DX	V31CQ	K2WJ
N6RK	K2OO	EI6JK	VE3MSC	K3HPA
N9MR*	K6LPO	EI7JZ	W0UHL	K3WGR
NJ1Q	K9BQL	JG1RYQ	W4DWS	K4OP
SM3DXC	KE4FW	JJ1OKK	W4EJG	KC3RKW
TF4M	KG6D	K0UBR	WA5POK	N7TW
WA2MUA	KJ2U	K5GZR		NX8Y
				S53MJ

W5IO
W7QHE
WA7HR
WB3AVD
WB6FWS
WB9IWN
WO5I

134

AB0RX
AB1J
DL4ZAB
EA6AZ
IZ8DEO
JA5SEY
JA6GXP
JR0GXA
JR1HYA
K3KY
K7FL
K7RAN
K7YZO
K9JDP
K9SUH
KA9JCP
KD2SC
KF5WCP
KN4OK
LB5GI
N1AH
N2TC
N6XT
NC6RJ
PA0QRB
SM3WMU
W1DAR
W2KNG
W4UAT
WB1DX
XE2AD

133

7J1ABD
DL8OH
G4NBS
GM1BSG
HB0WR
HK4EB
JA5IBP
JM1JIV
K6ME
KC2STA
KG6WIK
KI4TZ
KR4DA
LA9KY
N1BKB

NT9F
OH4KRN
OH7HM
VU2ABS
W1GY
W1ITU
W3MF
W6OUL
W9SE
WB1S
YO3GJC

132

AA4FU
AK3E
AK6I
I8NLC
IK8OZV
IZ0COI
JA9KRO
K4BNF
K5SES
KB8KIM
KD3UY
KG8OU
KI7HO
KK5ID
M3DFW
N3TR
N4EDT
N4QOG
NN3V
ON6YH
PY2OP
SM7DXQ
UW7UA
VU3WEW
W3KHZ
W4MC
W5FL
WA1HXX
WA1KXV
ZS1EL

131

EI5GM
JH1IYY
JK8VMB
K0ARM
K7GA
KA5IAU
KO4DKI
N0AKC
NG4DX
NN6K
VE3NKS
W5EC

130

AA4QE
DL1SWN
JA2LMY
JF2OHQ
JH3PRR
JL4BSE
K2MHE
KB3IFH
KD2NF
KI0HA
KN4JX
N2YF
N7TM
N8BK
NS4F
OZ6TL
PU4MMZ
W1MO
W9CTJ
WB8RFB
YB2IQ
YO8PS

129

AD6KQ
AE7U
DS4EJA
JA0AVS
JA1PLT
JA2ACI
JA3WMS
JH1RFM
JM1CMA
JN1SUT
K7ORK
KB4KBS
KN4WOJ
N9AVC
PY3OG
SM2YIP
VK5CE
W7TG
XE1ILI

128

A71XX
EA1AHA
EI3IO
F4GTB
HL2DBP
JA6NQT
JH1AWJ
K6OJ
K7PTC
K9YKL
KC2WUF

KD5R
KG2U
N0JR
N5EI
NR0Q
R3BB
UR9IDX
W0QD
W5MF
W6IS
W8BI
W9EBO
W9TO
WA4UWD
WC4V
WP4CQ
WQ1H
ZS6AKU

127

7Z1HL
AG4TO
DJ5DT
DL9GTB
EA3NG
EA4TX
G8BCG
HB9TJG
HK6K
I2YPY
JA0BES
JE2VYM
JG1LRE
JG5DHX
JH1HRJ
JI1MNT
JR1LZK
K2GW
K7LFY
KF3N
KS8W
LA2LI
N0AB
N0DL
N1BZ
N3GTG
NA1RL
ON5EQ
VE3EDY
VU2TMP
W0MF
W3KN
W4BH
WA2BOT
WB2KSP
WB9TFH

126

CU7AJ
DS3EXT
EI4HH
IK4TVP
IU8GNY
IW7EDZ
JA5CDL
JA5XPD
JH4GXE
K2GLS
K5KDX
K7PO
K8GT
K9QA
KC5RR
KC9WPS
KK4CB
KM4CQG
KS4WA
N5HC
N8YQX
N9XG
VE3TMG
VK2DAG
VR2VGM
W8VI
W9COS
XE3E

125

AC4XO
EI8GS
G4EHT
IK8PGE
IZ8EYN
JH8FIH
JP1GVC
K5NOF
K9ARZ
KK5J
KK7BR
NA7RH
NN6CH
SM5AFU
TF3MH
W0XE
W4AO
W5CWQ
W6PG
W7FI
WA1LAD
WA4TMJ
WM4AA
WR2G

124	SV7CUD	NY4G	JA6JYM	N8AGU
AA5H	VE3VHH	OZ6EI	K7LOL	VE7NY
AF8C	W2WGK	TA1L	K8EB	W3LWH
DJ3EJ	W4UT	UA0FDX	LU9DO	W4ARK
EC4KW	WB8TGY	W2ARP	N1GNB	W4PG
EI8IQ	WU7X	W3/NH7C	N8LCU	WB9WHQ
G4RGK	YB9WZJ	W3JXP	ON8PHD	YO6HOY
IT9YOZ	ZS6NK	W4CC	SV1BYI	
IZ1UKF		W4KCM	SV2KF	116
IZ5BYJ	122	W5UQ	VK7AP	6K2ILX
J11DMH	AA0BH	W7PC	W1ZK	AA0FT
K0MD	AA5B	W9MB	W3MRL	EA5GXI
K3SUI	AB5YI	WA7HQD	W6ZPL	EI4BZ
K6VVK	DB4RG	WB7BBQ	W8EOG	G8GHD
K7HC	G0HSA	WQ8T	ZL2AO	IZ2CSX
KB8DID	HC1HN	WT3Q		JA2KPW
KC2NJ	JA9ALR	WU9D	118	JT1CO
KC4AA	K0HQW		6K5AQY	K4LCP
KD9ZR	K1AJ	120	AC9GK	K8JRK
KK4TKJ	K3DQB	AA2T	AE1T	K8MN
KV8P	K4VAC	AC4TO	AJ6X	K9GWH
N0YO	K9KJ	AE5LK	DJ9KM	KC1RET
N4LSJ	KB4ET	AI2S	IZ0RPS	KD5RBU
N5VBK	KN9N	CT7ABD	IZ1JIZ	N0ATQ
NT4K	N1ZZ	CU2CE	JA6CMQ	N0UCR
W0DD	N4GRC	DS3DNT	JH3LCU	N1GFV
W2FDM	N9ATD	DS5QLJ	K9KJS	N2ZL
W6ELI	UT9LC	F5AQB	KA9JAC	N4KEB
W6ND	W1ES	IK8IPL	KB3KJ	OE6CLD
W8PAT	W1HEO	IT9JPS	KD9BIE	RW6MBC
WW5L	W1KKG	JA1DCO	KG5VK	SM1NJC
ZL3REX	W5HNK	JH5OTE	KX6C	VR2IL
	W6HB	JJ1XVA	LZ1XZ	VY2RU
	WF5I	K9CHP	N3HYB	W1HQ
	XE2MX	KJ6Y	N8KUS	W7WES
123		LU3XX	VR2CC	W9LU
AB9BH	121	N0TR	WA7ZXD	WA4VJK
AE5FM	AB4BJ	N1TQP	WA8RCK	WW5RC
AI5EG	AK0A	N3DV	WB5TOI	
DJ6OZ	DL7UGO	N3GS	ZS2I	115
DS4DBF	HA2EQD	N4UFP		AA9WO
G6NHU	IK6BMU	NJ8G	117	AF7WM
IK0XKP	IZ0FYW	NR2D	AD7L	E74A
IZ8LMA	JA1CPN	PP2FN	CE3FZ	HB9MZI
JA1GLE	JA1EYN	VE3QAA	F8EZE	HL4RBR
JA2HOL	JA1WTO	VR2ZXP	IS0BZR	IW2FLB
JH1RVQ	JE2DOD	VU3RGB	IZ7QFN	JA0NPQ
JL3RNZ	J15WDC	W1RG	JA9KA	JH8LEY
K2JGL	K1LTJ	W5RYA	JM3GXU	JJ2VLY
KC2THY	K3CWF	W6GJB	K0FF	K5TU
KD0KZE	K9MQ	WT5L	K4AEH	K8CR
KG4OJT	KK4ODQ	YB0AZ	K9LCR	KB4CRT
LA2XNA	KU2A		KB2S	KB7V
LX2SM	N3ER	119	KB5CSQ	KG4URP
N5JEY	N5ZY	DL2VWR	KO4PY	KV7N
N6DVR	NA2R	F5BAR	KP4ED	MM1PTT
N9RE	NA4MM	HL2MHU	KZ1X	N7PIB
OH3TY				
PY2ADR				

NE1RD	K1JKR	WB2UFF	K9TVG	108
NG0G	K2KNB	WD8LTM	KF8PD	7M4CLF
NW6V	K4JDJ	WF4W	KV3W	AC8MR
OE5MPL	K4JLD	WJ1B	N1TQ	AC9DX
SP5BMU	K4TR	WN1M	N3YZ	DB9CR
W0LGQ	K5WRE	ZL3PAH	OE6BME	DL1TPY
W3UNX	K7BWC		TF8GX	DL2AMD
W4OV	K7MO	111	W1ZZ	DL2NAI
W5WS	K9DUR	AD7XG	W5JE	DM5TI
WB4MM	KA5OWI	AJ6V	W6TCP	DU1IVT
WJ5K	KB1OIQ	AK4N	W7YED	E70X
WS4H	KB2TGU	EI9CN	W8TE	EA5XV
	KC0V	F8DZY	W9GFB	G5CL
114	LU3JVO	G4ZWY	YB1SKR	IK1RKN
F6FHZ	M0NGN	HB9ECS	YO5QAW	JA2DCN
G3CWW	N6DW	JA4DLF	ZS5LEE	JA2KGQ
HC1HC	NA9L	JA5EEU		JH1OVY
I0BJV	S52R	JE1TNL	109	JR4NUN
JA1CCH	SV2DSJ	K2KYH	AA4RX	K1FUG
JA1CPU	VA3AYA	K5NV*	AC8AZ	K3XO
JA8EIA	VK7ZE	K8ZEE	AF3K	K4GHS
JG4OOU	W1FC	K9JIG	DL9QJ	K8LBT
JM3XZC	W3JM	KI2Y	F5DBT	KC8YG
K1RE	W6BBS	KM5VI	F8DHE	KE3ZT
K2IRM	W7CD	N4NYY	G0MMI	KE7AUB
K3PL	WB9YJE	NT5O	JA5GOJ	KI4SFT
KB1W		PT7CB	JA9IWR	KJ2AM
KI8AE	112	TA1UT	JH4GNE	KJ4SKO
N3DD	3C3CA	TA2RC	JI1IZS	KO4XI
NA1DX	7Z1CQ	TA7AZC	K0FD	KW1X
NG8T	G0DTX	W7WT	K4AEN	LU2AH
NK5K	G3YFE	W8PE	K6JAD	N2IFA
W0QKL	GM0SCA	WB8PKK	KA4AHU	N5FPW
W2ZK	IK4EWN	WU4B	KB7DT	N5TW
W8LR	IS0BQE	XE1ZTW	M0AQM	N7TP
WD0AJG	JA4RED		N4LS	TF1A
WN0L	JA8WGX	110	N4WD	VE7VV
WT9U	JF3AHI	AC0B	N6RVI	W4DVG
XE1EE	JH0LME	AG5Z	NN8L	W6CN
YB2BNN	K0XM	CT7ANG	NW6R	W7SMW
ZS4JAN	K4HEB	DK4MX	NX1P	WB5ZAM
	K4ZMV	EA1BLA	NZ3M	WC4B
113	K4ZRJ	EI9HX	PF7M	
AB1NS	K8CJY	G4VWI	PV8AJ	107
DL2DCX	K9KDS	G6MXL	PV8DX	AB7RW
EA5DPL	KH6P	HB9BEP	SP7ASZ	BG8PA
EI2FG	KY6AA	HG6IA	T88UW	DJ5FZ
F5EOT	N0OK	IZ1EPM	W3ATV	DK2GP
F8GB	N2SO	JF3KOA	W3GP	DS4OMS
G0UII	N8AID	JH1FRW	W4JDS	E73D
G4NAQ	NQ4A	JR2PAU	W5SG	EA2BFM
G4YCS	NZ7Q	JR4DHK	W7CB	EI5GSB
HB9GZE	S51DV	K3MSB	W7VP	IC8XIL
JA2CPD	W1USN	K4KAL	W9JJ	JA3MAT
JA4CSJ	W3WN	K4RP	WA6URY	JE1CTA
JF1AZQ	W4LLP	K6DJ		K0FJ
JH1GNU	W5GCX	K6SLO		K2FJ

K2ZD	M0PCB	NK7L	WF8Z	JH1IHG
K4LQ	N4DJT	OH6IH	WX0B	K1MDA
K6DLB	N6UOZ	PV8RR	YB1BUL	K2DH
K7UWR	N7MW	VU2DED	YO6HSU	K2DW
KA4LBD	N8OYY	W1PY	ZS6HON	K4HR
KB0EL	N9ZJ	WB8LEM		K6BLG
KF2G	NG4C	WD4OHD	103	K6JAV
KF6XA	NI7F	WK3A	AF8P	KA8HDE
KJ4FZ	NS7K	WZ9B	DS5JMG	KB1AWM
LU5OM	PT2DF	YU1LD	EA2RY	KE9V
N0MHL	PY2OC	YV4EH	EI9GLB	KO3F
N1UZ	UA0ABB		FM4LV	N2CJN
NI8Z	VE3BHZ	104	HB0RER	N2FY
OV2B	VE3XK	7N4OBV	JA7HYE	N4IR
PP5VA	VU2MB	AA2WC	JF1KIG	N8KOJ
RM6LW	W0TLX	AA6XV	J11FXS	NA4D
SV3EXP	W4/KL7GLL	CT3DZ	JP1KHY	NN5O
TA1CQ	W6KF	EA4EJP	K0OOK	R9GM
UX5XK	W7GB	EI3HA	K1FBI	S51MA
V31MD	WA3IIA	EI4GNB	K2RNY	SM0XG
W5HY	WA8Y	F6ARS	K3PIN	US8ZAL
W8JA	WV4E	FM5FJ	K3TXW	VK2GR
WB2BXO	ZL3RIK	G0DRM	K4NI	W1GF
WB2MKX		GW0ANA	K4PWS	W1MRH
WC2L	105	HA5DI	K4SAW	W4GHW
WM4W	AA2F	HB9BMY	K6XJ	W7FS
WS7I	AI1W	JA1CC	K7HV	W7HJ
WU1U	AP2IA	JA1DHY	K9WMS	W7IMU
ZP6CW	DL9GTK	JA1RBY	KA7CVJ	W9GWP
	E29TGW	JH1MYJ	KP4DDY	WB4PWZ
106	EI6GF	J14HKA	KQ6K	WB7QBS
AB6WQ	G3LOJ	JQ2MPJ	M0UPL	WD6T
AC7DX	HL4GHT	K0BRO	N1MIE	WD9IOK
AC8IL	JA1JYS	K1TWF	NB3R	WN9A
DS2GOO	JA1SZN	K2CQW	NI5G	XE1SAX
DS5MNO	JE6UWU	K4WW	RX3BP	YB0EIN
EA3AGY	JJ2BLV	K5JUC	VE7XT	YB9AY
EW4DX	JK1AIA	K7UW	W0PPA	YO6BHN
F5VIF	JK1AKA	K8WVA	W2SUB	ZS2ACP
F6JSZ	K0MB	KE4YOG	W4CU	
G0OJG	K1EO	N1FOJ	W7KHZ	101
G0RPM	K1ETA	N3PW	W7UV	AA9D
G3LPS	K5WE	N4PAJ	W8EH	AB2NI
G4FVZ	K6GCN	N4ZR	WA8KNE	AB4EJ
HI7SB	K7CMZ	N8TEM	WC9C	AB8YZ
IZ4IRO	K8FB	N8WXQ	YB1ALL	C31MF
JA3AOP	KJ8N	NA8W	ZL1IM	DD8BA
JA3FRI	KK4MA	OM6CI		DD9WG
JF7NNI	KR0P	OZ9U	102	DL3XAC
JJ1IRS	KZ4EX	PY2YW	4X1VF	EA4UV
K6VWE	LA9JKA	RV4LC	5H8HZ	EA8TZ
KA9TOX	LZ1JZ	VE3ZN	5W1SA	G3VDB
KI0KN	N2YU	VK3MB	AC0XY	G4GEE
KI4NSP	N9APK	W0VU	DB2WD	G4PUQ
KM8V	N9IXD	W9GXR	DL4FDM	HB9PUE
KR4U	NC1M	WB4HMA	IC8SQS	IK2HLM
KT5V	NC7M	WB7QXU	IZ7QSS	JA1KZP

JA1QEY	AA7UN	KE8NOA	WB0RXQ
JA5ALE	AC0DH	KF5MDZ	WB2ZEX
JA5JUG	AD4J	KF5TL	WB6RAB
JK3NSD	AE4VJ	KF9EX	WB6RJH
K0GEO	AK1P	KG4IYS	WD1M
K3AXB	AK4AO	KI0G	WD4GZW
K3LA	DB6VH	KI3O	WI0E
K5HX	DC1TK	KI4PG	WK7W
K8PGJ	DK1MCS	KK6MF	WM4D
K9GL	DK7GH	KL2R	WM9Q
KB5YN	DL3ANK	KL7XO	WU1T
KC3OPI	DL5JH	KR4Q	YB6LAY
KC4ZA	DS4GQR	LA4EI	YE1AR
KD2RUY	EA5PS	M1EMC	ZS6CR
KE9UA	EI2HZB	N0JX	
KJ5RC	EI4DQ	N0KM	
KU4A	EI4GJB	N0VTZ	
LA3ANA	EW4A	N1KI	
M0PTZ	F5JWH	N3NVA	
M5LRO	G0GFC	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	PY5VC	
W0ZX	K3NO	R2AB	
W2FDJ	K3QB	UR8IDX	
W2GHD	K3RRR	VA2EU	
W2PD	K3WSU	VE1JF	
W3RMS	K4GM	VE3KKB	
W3SW	K4KYN	VR2PX	
W4PM	K4QS	VU2OY	
W6OU	K5LLA	W0RMS	
WB5KSD	K5MMH	W2MW	
WD4IXD	K5PSN	W4CG	
WM5H	K5VSD	W4DFU	
WU6K	K5YE	W4YR	
WX7B	K7VL	W5PD	
YB8HZ	K9EA	W5YKU	
YO2OXD	KA1CTL	W6OZI	
	KA2F	W9KM	
100	KA4H	W9ZT	
2E0XAR	KB6IGK	WA2ALY	
9M8DEN	KC5N	WA2VJL	
A41ZZ	KD1DT	WA3UTC	
A71EM	KE1IU	WA3YZD	