

ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 03 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 F6BKl 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 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 K9IR 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	JA7QVI	R9TO	DL5EBE
K2RW	AC4G	JH1AGU	RU3DX	HB9DDZ
K6YUI	CT1DKS	JH1QAX	RX3AGD	IK4PLW
K9MM	DL6CNG	JR1BAS	SM2OAN	JE2LPC
KE9L	EA6VQ	K1HT	UA4LY	K5WAF
N2BJ	G3NDC	N1IBM	W2JU	KD3CQ
N4QS	HA1RB	N5ORT	308	N4TL
NE1B	IZ8FFA	RU3QR	DL2CHN	OE5RLM
OE1WEU	JA2AH	SV1CNS	HK4SAN	R8TX
SP1MGM	JA2ZL	W7CT	IU7QBB	R9FM
UX1UA	JA5XAE	W8HW	JA1IZZ	UN7JX
W6VX	JR4OZR	WB8BPU	JA2WYN	US5WE
WX4G	JR9LKE	311	JA7IC	W5ADD
316	K2LS	CT1FMX	JA9TWN	305
DJ5FI	K5AQ	IK0PEA	JG4AKL	DJ4XA
DL5WW	KB0EO	IZ2AMW	JH1SJN	JA1IOA
G0OIL	KC9ARR	JA2XYO	JL1RUC	JA2VQF
IK2QPR	LA7AFA	JA4MRL	K0GY	JA7BWT
JA8EAT	MD0CCE	JR6FC	K0KVR	JA9GPG
K3WA	OE1AZS	KM4H	K2UU	JE6TSP
K4HB	OE1ZL	OZ4O	K8OM	JH7RXU
K8YTO	SM4DDE	PY2XU	KI0KB	JR2UBS
KG8P	SV1DPI	SV2DGH	KN5O	K0JUH
KQ8M	SV1JG	UR0MC	KS1J	KG4W
N5DG	UA6MF	WB9CIF	N8TR	N9AU*
RV3LO	UT9FJ	WD0DAN	OE3SGU	NQ1K
SP1JRF	UX0FF	310	R7NW	PA5TT
UA3DPM	YU3AA	JA0CRI	SP9JZU	RA9CMO
W1GL	313	JF8QNF	VA5DX	SM3NXS
W7MO	5B4MF	K0KX	VU2NKS	UT2UB
W9ILY	CT1GFK	K5XI	W2QO	W1YM
WA2VYA	I3BUI	K6RO	W6ENZ	W5AJ
YB5QZ	JA1GRM	K8AC	W9MU	W5XC
YO7LCB	JA5IU	K8FL	WA8WV	YB1UUN
315	JA6VQA	LA9AJA	YS1RR	304
9H1SP	JA7JWF	NS6C	307	DJ9ON
AA5AT	JF2UPM	RA0FF	A65BR	DK5AD
AB3CV	JG3LGD	RL9F	DK2JX	HB9CEX
AB6QM	JH1NYM	SP6HEQ	F2JD	JA2NDQ
G3VKW	JR1BLX	W0YG	G0BLB	K8GI
HK3W	JS3CTQ	W4BP	I5HOR	KC7V
JA1ANR	K4SO	WB0TEV	JA2XW	N7US
JA8RJE	K6KLY	WD9DZV	JA3GN	N9RS
JA9CWJ	LA7JO	ZS1LS	JA6WJL	UY5AA
JN3SAC	LB8DC	309	JJ3HGJ	WE9R
JR2BJE	N8KOL	AA5AM	K2SHZ	ZL3JT
K1BD	NN4R	HB9SLO	K3RA	303
K8NVR	SP3CGK	JA1EOD	K9RX	E72U
N5OK	W9RN	JA1VSL	NI6T	EA3GHZ
OE3EVA	WA7NB	K1AR	W7DO	G3LZQ
ON4IZ	ZS6EZ	K8QM	W7OM	HB9TKS
PY2NQ	312	K9ZO	WA5VGI	HL3IUA
SM3VAC	F3SG	NN4SS	306	HL4CJG
	JA1SYY	NU8Z	DL1KUR	IK2RPE
	JA1XCZ			

IK4ADE	IZ5RVG	KT1J	JE1GWO	KP2A
JK1EXO	JA1SVP	W6YI	JJ1DWT	LA5HE
K7WP	JA9AA		JR1DUP	N2TN
K7ZA	K3XA	296	K3PA	N7IR
K9MK	K8GG	AA4R	K7ZV	N7RO
K9US	K8TL	AA8OY	KZ4V	VE3CFK
KB1JZU	K8VFF	CT1DOF	N0KV	W7BEM
LA3WAA	PA3CSR	EV1R	OE5BWN	W8TN
RL3FA	UR5EDX	GM0AXY	RU6L	W9FR
RW4NN	W3OA	JA1JAT	SV3DCX	ZL4TT
SM6CUK	W5VY	JA7LGE	W3JX	ZS2DL
SP2BMX	W6TC	K6FW		
SP3IBS	W9AJ	K8VC	293	290
SP7HOV		LA8PT	DL1HRN	AA4A
SP7ITB	299	N0RB	DL1SMA	EC3A
W1SKU	DM2DXA	RA3QK	EA3WD	I4KDJ
WT8C	EW2A	SM6BZV	IV3YYK	JA1KQX
	G3SVD	SV9COL	JA2CXF	JA1QXC
302	HB9RG	UA6YW	JK1TCV	JE2DZC
DJ5JH	IK5RUN	W3RJW	K4JAF	JE2EHP
EA1N	IZ4MJP	W9JA	KD0Q	KD0PO
F5CQ	JE1DXC	WA3AFS	N2LM	LA2QM
HB9DDO	K6SIK	YO2RR	N4RWG	LA5LJA
HL2IFR	KB8VAO		PY2IQ	LU3CQ
I1EIS	N9FN	295	S55DX	PP1CZ
IW1ARB	UA9FAR	AD6W	W7ZJ	SK3PY
R5DT	UN6T	DL1DUO	WA4FFW	SV3AQR
RK4FD	VE3BW	IW0SAF	YO2CMI	UN7LZ
W0VX		JA1BPA		UN7TW
W4QN	298	JG0CQK	292	W1EQ
WD4LBR	5B4AHJ	JH4ALY	DL5CW	W2LK
	DL7BA	JM1FHL	E72A	WB9EEE
301	G5LP	JN1RQV	EA5AT	XE2CQ
AE5E	HB9BOI	K0TPP	G4GIR	
CU2AP	IW0HQE	K1GG	G8DX	289
F4BKV	JA1WSK	K5VIP	HB9BAT	4Z4DX
HP2AT	JA4ITW	K5ZK	IZ3ETU	AJ6T
IZ1LBG	JA5BEN	N7TY	IZ8VYU	AJ9C
JA0DIN	JL2JVX	NA5C	K3FRK	DL9TJ
JA1LSP	JR7WFC	RM0F	K5DHY	EA6ET
JE1LFX	K2PK	SM5FUG	K7ZD	JA3EOP
JG8FWH	K8EUR	SP8HKT	LU4FPZ	JA8EJO
JK1GOK	ND0N	SV1GYG	N8II	JA9FPI
K4SE	PY2VA	VU2PTT	R6AF	JA9IFF
MM0EAX	ZL1BYZ	W2GG	SP5IWA	JG1WSC
PY7DJ		W5LT	W4VIC	JH4GJR
RN3QN	297	W6XK	W6SR	K3UL
SV2AEL	E73Y	W7AL		K4XD
WB5JID	HB9CQK	WA9PIE	291	KK0M
	JA3RQ		G0EHO	N2NL
300	JE7JDL	294	IK0HFO	R0FA
9K2OD	JE8CLT	AI9L	IT9CVO	RA1QD
AC0A	K4MS	CT1FCX	JA3ENN	VE3EK
DL1TRK	K6ND	EA6NB	JA9FAI	W9YSX
DL4CF	K8WK	HA9PP	JH1BAM	
EA1AF	K9SM	JA1FQI	K0BBC	288
EI2GLB	KG7H	JA5SUD	K4ZO	IZ0RVI

JA2JRG LZ2JE N5LZ N6UK ON6AA PY2KP S57AT UA3AGW W1YIF W2LE W2NO ZS2EZ	285 4X6ZK CU2DX DL2SWN EA3GHQ EA5KA HL2WA IZ8DFO JA2IYJ JA2VMU K1DG K6GXO K6PJ LA8HGA N8LJ OE1WHC PE1L WK7E	RD3AW SM4CTI UA0BA W1OPD W4OX XE1KK	WO7R	275 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	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 CT1FPQ 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 W9MJ WA3C WT4Q	273 AB4SF CT1BWU DH2PC IZ4DPV JA1KPH JA2TBS JA6BEE JH3GCN JI3CJP JM2RUV N4IG NA5DX NK0S OZ1ACB RW7M W4HG W8QZA/QRP
	282 K1DT K1USA K5UO K8ROX OH4UI PC3T	279 JA0PE JE8TGI JF2XGF JH7BKN JO4CFV KF2DT KQ4AV N6TA OH1ZK VE3DZ W4UCK WB2BIN	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

KI4GE N2DPF N4JQQ N9RD OE5FIN PA0ZH SV1ACK W2OO W3ACO W3AP WA1S WL7E ZS1A	N4UOZ NW7E OM4EX SM5FWW YB1AR	JA4FM JH1ACA JR1WCT K2CBI N5KM N9JV NU1B NV9L W6RS WA0RVK	SP6JIU W0GG W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM WB8ART WQ6Q YB2DX	DJ8NT EA3EQT EW1BA JA8BNP JE2RDO K2UFM NI3P PY5CC W1KDA W7AH
271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU KB1EFS LB2TB NN4X OZ4VW UA3TT W1MK W7MEM WA0MHJ	268 7M4AOE HB9BUN HB9IQB JA1NWD JH4HMG K2KA K6IPM KD4W LA0FA N2AJ N5JB SM6BGG W2FV WA1YTW XE1MEX	264 4Z1UF EA1KP F6DBX HB9DHG IZ0NRG JA1IAZ JA7HRM JR4LNG K1CA N1GC PA7TWO SV1CQN VE3YF VE6AX W5PF	261 DK3PZ G3UAS IZ8IEV JA3FHL JA4VLK K0DD K2FW K7LJ KM1D LA5SJA OM8FR SM7CQY SM7IUN W6TMD ZS6WB	258 CU3EQ DK7YY HL3AMO IK4AU JA9AGN K0TT KH2L N1EN SA0AQT US0YA W1SSN W9EWZ ZL2IFB
270 7K1PTT AA4FL BA4MY CT3MD DK8MCT EA1KY EI6FR F9XL K0BJ K7UA K9JF K9MBQ N4QQ PU2POP VE6LB W8HC	267 IV3VBM JA2QXP JA7BEW JA8UIV JJ1TKN K6BV K7XB KI5BLU SM5BMB	263 DK4TP EA3CJ EA4DL HA7UW JA7XBG JR8AMF K1KO K8FH KN6KI N1RR N7BT NF1G WA4LOX ZS6NJ	260 AA9A EA8MT EA9IE EC1AIJ FG5FR JA2FBC JA3VPA JA3WLN JH3FUK JJ2WOC K1ESE K4KAY K6EME K8YSE K9FN LY1G N6MZ NT5V SK7AX SV1FJP TG9NX W2XI WA5LFD WV8DX	257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW IK2PZC K1SM N1API N6HC PY2MC RU1AB SV1VS W0JM W5DM W8MJ WV4TN
269 IK7FPV IK8EPC JA1OVF JA1VLK JH3FHQ JP1NWZ K0KT	266 EI8IU IW7DVM JA3BXF JA6GPR K4RG K5VWW K8AJS N3VA N6PSE N6RV PZ5RA RA4CA SV1HEP W0FLS W7YAAQ W8MET WB2GAI WB3LHD	262 CU3EJ I5REA JA8BAR K2SN K8AV LA6UL LA9FFA LA9GX N3RC N8OC NK4L NX0I	256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID	
	265 4F2KWT G3WPH		259 CT3KN	

K8RRT M0TTB N1SV NA5Q VK3NX W8JRK WB7B	G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JH4CBM JL1BYZ K5FZ W2GW W2ZI W7CA WV6E WV9L	IZ8GGF JA1EMQ JA8FFM JH8GEU K0GW K9NR KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL UN3GX VE3YV W0RX W8IQ W9RC XE2D	N6PM W1KMA W3ICM W5ZO W8OP	JR1MLU JR7GBL K3NQ K4PB K7FEL KJ7M N2NS N6HY VK3BDX W8CZN W8GNM WB8K
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 KB9DAK KF7PG N0AH N2NW NZ3O S55ZZ YB0NFL	241 AB5C IS0AFM JF6XQJ JP1IOF K3WWT K7KB KV1E N4OA W5DNT W5QM WA8MCD
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO K3SEW KI1U LA5YJ NE8P UA3O W3FI	250 6K5YIA F6HLC HA7TM HI8R IK0UTM 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 K1EFI 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 JE1VTZ JK1WSH KB6CIO	243 DS5TOS G4XRV JA2EPW K8ME W1BR W4PNY	239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO
252 DL7UPN F1ICS	249 EA1RT HL2CFY		242 G4FKA JA4ZA JH1ERJ JH1WJR JH4ADK JK1VXE	

JE2UFF	JA1HOM	W3WST	W4UDH	K1GE
JH1DGJ	JA1JYE	WA4JQS		K5GH
K2XF	JA3KNN	WA5UA	230	LU6ETB
K4QE	JH1UBK	WX2U	G3LUW	N1NU
K8YYY	JN1NOP	233	JA5NPV	N6OJ
N8SHZ	K1ACL	AA9GR	JA6AVT	W4DEE
NF4A	KM3J	AA9RR	JI1VVB	W5SL
OE3KLU	N4GN	AJ4A	KK9H	WA9GON
OH7TV	N6IE	DH0GSU	N9PGG	YL2KF
WA6JA	OE2BZL	DS3HWS	W2KA	226
WB4KTF	OZ7FOC	EA5AR	W8FIB	DM2RM
238	PA0TCA	JA0KJD	W8WVM	EA5B
G8AJM	VU2CDP	JA3NHL	W9YE	I0OSI
HB9MFM	W0HBH	JH1SOD	WB2NPY	JH1IED
JA0LXP	W2YR	K8BN	229	K2BA
JE1PNX	W3FOX	K8EAB	AA3LX	KK4OK
JF0JYR	W4GIW	N9BX	AE0P	N2KX
K9GA	W6DR	NE3F	AH0U	N5ET
K9OR	W9OO	SM0XBI	DL8SDC	N6BM
KA4RRU	WA1PMA	W2NRA	IK2GAJ	N9AOL
KF9UG	WY6N	W6YOO	K0HD	NG7M
M0CSD	YB2TX	WB2KSK	K3FM	VE3SKX
N4PJ	235	WD8PKF	K4CMS	VE7TK
N5ZC	EA7QW	WE4S	KD1F	VK4CAG
N9UA	EI2HY	232	KI4DLS	W9DX
W4KA	EU1U	AC9EM	KS4S	225
WA4QMQ	JE1IBI	EW4C	N3PS	DK5RL
WB0TVY	JH2VVH	G3XLF	N4NW	DS4AOW
ZL4AS	K0EOO	HB9DVO	NE6I	DS5DNO
237	K0VSH	JH0OXS	SV8CKM	EU1M
CT1BOY	K5CWR	JH6DUL	W1WC	JA0EVI
G0VXE	K8ZM	JR3VMJ	YB1TJ	JA4CZM
HB9CXZ	N2FF	K4ST	228	JE2EBT
HB9JOE	N4IQ	K5FNQ	7J1ADJ	JF1MTV
JF2OZH	NA5Z	NJ7G	AA0MZ	JH8NQV
JH1DGQ	NW4M	NY2NY	F1RAF	JL3OUW
JR0QFA	TA1CM	RQ3A	F5LIW	K0OK
K1RV	W3MR	SV8DOU	GW4TSG	K1JIU
K1XV	W7YW	W6CYX	JF1RYU	K3SF
K2NV	234	W9ZCL	JF1WLK	K4JWA
K9JU	DF7EE	231	JH2PWY	K5YU
LB5WB	DK2CC	AD5WB	JH3GFA	MU0FAL
N4HID	HB9BYQ	DK6OR	K4JC	N0ODK
SM0MPV	HS1NGR	HL2ZN	K4KGG	N2SQW
W6AER	IK0LNN	JA1MZL	KB1DMX	N9SF
W8UN	JA2OLJ	JH0AWC	KE4UW	W5GZ
WA0ROI	JH5HDA	K2RU	RA3QUA	W5LO
WB8B	JK1BSM	K4YJ	UN9L	W5TFW
WB8ZRL	JR1VAY	K5IB	VR2CH	W8UV
WC3W	JR4LZX	KD6UO	227	W9KVR
YO3JF	K4MF	LZ2XF	DL2RUM	WE1P
236	KE5FXE	NA4EA	I0MWI	YO9FNP
HB9DQV	KE8UM	SM7NDX	JA0DWY	224
HB9ZS	KX2A	W2DXE	JK1SQI	JA1OVD
	ND4V			

JA8NFV JO1LVZ K1CBK K2HAT K2TER KZ5DX N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5RF W7NN WB0O WN6K	W0BM 220 AA6RR DL4DW DL4LAM EA5DFV EI9FVB IK1IYU K1DJ K1NTR K4EU K4MIJ K5MT K6MM K7AWB K9WX KV4T KZ9DX ON4ATW PA3BWD SM0DSF UR4IOR W8LMG XE2X 219 F5JSD HB9BNQ HL5BMX IK5QPS JA1FJJ K5JZ KD2T KE6V KG6I KI7AO KR6C N1KC N6DX W6GRV WA3I WW8W	WC4H 217 IK0CHU JA2NNF JA7ZP JG5RVQ K0NV KU8X N6QI OZ0J W0TM W5THT YO3IPR 216 CX2CC DJ3XG EA2AFV G4VMX JA2VHO JH7WQX K7LV KK4OW KR4W KX4TT LB6KC NC4RB PS8ACL W0SR W5VQ W9MO WB3D WS1L 215 9H1EJ AA7XT DS4GKF HB9IIO I1YDT I5XFD IZ0BVU JR0AMD JT1BV K1TZQ KF4NEF KO6KD N8NN RN9N W0FG W0TT W1JGS W4IS W6SL WC2K ZL2AL	ZS2Y 214 3A2MW DJ3AS F4GVO HB9VAB JN7DOS K0QQ K2AZ NY1V PY2RO SP7ICE W0KCJ WB6BFG 213 9A1AD AG3V DK3UA HB9HIT IV3FFI JA1FVS JG3RWX JR1EFG K1NJ K5ALQ KK2M N6PEQ N8GP NA2M VK3FM W1LE W3BJ W7HR 212 G4ZOY JA1BWA JA3LDH JR2PZX JS6TWW KU4BP SM5AOG VU2DCC W5DAW YL2TW 211 AA8SW JE2KSM JJ1KZZ JO4JDU K4MV KT2C N1BY VR2XLN	WY1G 210 AA4LR CU3AN K3SX KD4SN KD8RQE PY2WC S54A W5WP W6WF W7FP W9IL WK8A WW2DX YB0DJ 209 JH6RTO JH8UQJ K0LB K0VM KB2FCV KB4MRX N4TD N9XX PU1KGG SM5BNK W6DCK W8BLA W8HMK WB0ULX 208 HP2NG JH0NOS K0THN K4WES K5RJ LU4FW N4FN NU1O NW6S SM7GIB W1FA W4WN W5FPT WA6G ZS1J 207 9K2BM DG5LAC JG1JPE K6ZP KE1VT
223 AB4UF AF2C EA7DUD I8MTQ IK2RZP IZ8MBW K6IPV KI6CG KW4V N4ENE NA2AA				
222 AK5Q DJ9SO DL5XL E77S IZ7AUH JM1VRW K2AT K6ZZ KB5UNX KS4YT RA4P VE7BV				
221 EA2AAZ HB9HBZ IZ1JLG JI1NJC K4CGY K5DV KU4XO KV4AA N4TOL N9JR NA9Q RU0SN				

M0IKW	KB5HC	W6AEA	197	NJ3K
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OE1JIS	NW7US	200	BA4TB	VU2LBW
ON4ANN	VU2IBI	HB9AGO	EA1DLU	W4DC
RD9M	W4GP	IZ5FSA	IT9AAI	W5UHQ
TF3DC	W7IV	IZ8EKL	IV3AVQ	W7PAQ
VK2CA	WA9BZW	JA3EY	JA2MNB	WA1NXC
VK5GR	WB8BZK	JA7DPC	K6TAR	XE1R
W1MJB	XE1L	JA7MAD	K8SIA	
W4GE		JH1FVE	M0HIH	193
W6KK	203	K1ZJA	N7WS	7L4VYK
W9QO	DF3EC	KC6JAM	W4DAO	AE4CW
YB0MWM	F5NBX	KM4VI	W4HZ	DH3KM
	IK2RGT	LA6OP	WQ5R	G1VDP
206	IZ0BTU	N1IA	XE1H	HI3T
AG5W	JA0CIU	N7ELL		IZ5MOQ
CT1HHP	JA7JPZ	PY3VB	196	JA0AXV
HB9CRV	JH8NBJ	VK6LC	CT3CD	JA1QIW
IW9DNI	K0CS	ZS1DX	DF2UA	JA3PRM
IZ4DIW	K4GO		HB9ESS	K3NF
JA4DNC	K4JKB	199	I7LGM	KM1C
JF1IRW	K9OW	AA3TH	I8YAV	KZ1W
K8NK	K9TF	AC0X	JA1XRA	LZ2ZG
KK5OQ	KA1DJ	AD4AA	JA7FAS	N4HN
KK9T	KK8MM	JH0RVY	N2GZ	NN5E
KW4CQ	KL7TC	J11WLL	N3QE	NU4B
N6ZN	KM7R	K4SX	NA9A	PY8WW
N8BJQ	N2ZA	K4VNY	RC2A	SM5ELV
ND3L	N4TV	KC2SST	SP3F	W8NN
W7IUO	N6PAT	KI4WCQ	SP5MXZ	WA9DU
WA3WZR	SV1FKZ	MU0GSY	W6HYI	WB6CJT
WB0N	W1DYJ	N2RR	WA0WWW	
	W3BNN	PB9FN	WB5NHL	192
205	WA3FRP	V51YJ		F6FYD
AC9S		W6JZ	195	HB9FBG
DL6UNF	202	W6UC	CT1ELF	IZ7GIT
GM0VRP	BV1EK	W9LN	JA7QQQ	K1JD
IK0WRB	G3SBP	W9RXJ	K4KEW	K6XN
IK3GBG	IK5BOH/2		KE4S	KE0A
JA4DHN	IT9ODQ	198	KF9AF	KJ4UZU
JA7JM	N8WD	AG7N	N3XM	KJ4YLO
JA7MNF	W1AW	DJ0MCH	NA6MG	N4XYZ
JO3WHB	W3NS	DL8DWL	NN2D	NC2Y
K4YYL	W4RDX	IV3BSF	OH6NIO	UR3EO
K5VR	W7TUS	JA6ENL	SQ7FPH	VA2IG
K9SG	W7VY	JM1ESG	UR5FEO	YB1TQL
KW1DX	WE2N	JR1IZM	VE3YXO	
N2KI		K2CYS	W3SB	191
N9KW	201	K7PT	W5AAJ	AA4NC
OH3OJ	DL4FAP	KA1J		HA5CW
WA4MME	GI4OWA	N3ND	194	IT9IPQ
WI7P	IZ0GYP	RA3BL	A65BD	JH1FNU
XE1J	K0MFI	VK6OZ	EA5ZR	JK1AJX
	N4PYI	W6SHY	JM1SZY	JP1LRT
204	PY2GG	WA2VQV	K1LT	K1RI
JJ1JMZ	RT5A	XE1FAS	KP3AH	K8QKY
K1RH	W1OP	YV5LI	KR8T	N4DWK

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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 185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W5SUM W6RKC WV2I 184 AA4UC AD6ZJ EA5RU IK0HBN JA7FVA K3JM N2MEE N8HRZ NW7M SM2EJE UN7BY UT7KF	183 IU0ICA JA2KSP JA3UNA JE4CIL K3HW K6LRN NA2U W2CG W3ML WF8R YB2TS 182 4X6KJ I5FLN I8LWL JA6SQR JI1CQA K7LAZ K9AQ KG4JSZ KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ XE1YD 181 EI3CTB IZ4AIB JK1DDG KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK 180 A61BK AA4AK	179 DL5MHQ IK1ZNM JA3EEM JH1XFR JR3ADB K4WZ KB7AK KE5TD KJ6NZ KZ2R N3KV NO0B SP5ELW W0ZS W1HS W4CCS W4TUN W8QXR 178 AA8KY EA8AXT G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N4ST N6DHZ OZ1HPS W7HUY WB6AXD WC0W 177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX	176 DL6NW F4FLF G4AYU JK1JAS JR1FHP K5DCW KK7YC KT8D KW9U LA4JGA LA7EIA N1JP N5FEE OZ9XU VE1VOX W0MS W4LEW W9WO WA3GNW 175 AG5CN EA6UE IU8IYE IW1PUR JA0LFV JE3PCP K0KV KD4POJ KF2OG KF6HI KL0S KN7D N7NG NS3L UA1OM UA9AGX 174 AG4Q DF8FT DL5KUA HB9HVG JL6USD JR3TOE K5CR

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W5WI
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WA4NUF
WQ5T

173

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172

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YB4IR

171

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JA3AVO
JJ1BDX
JL1GYZ
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WA5KBH

170

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169

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R4FAN
SV1XV
VR2MY
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WX0Z

167

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PY2SEX
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166

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YO3AIS
ZL3RJ
ZS6IR

165

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N3KS
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164

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163

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KW4MM
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162

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N4BAF
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W8FN

161

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160

E70T
EA1WH
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JA1UOA

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JG2LGM	WB9B	NO9E	DF2WF	K9UWY
JK1EBA	WB9ZNZ	OE1HHB	DU1KT	KI7M
JK1NPH	WT2P	UT7EC	G0THF	KX5U
JR1CAD		W5SV	G4AFJ	N6JOJ
K7LY	157	YB1AYO	IK5BSC	N8IK
KC9K	7N3IJT		K2EK	N9IO
KM4NS	AB2E	154	K4RDU	NM4SH
N0IW	E2OYLM	AC8TO	KD2OV	ON6ZV
N4MEC	EI2JD	AJ8B	KE9S	SM0BSO
N5WA	GM4KHE	DS5WQT	NM1G	VU2NXM
N8IL	JA0NZR	JA0GZZ	ON4LG	W2NY
NI5F	JA1UBZ	JA4HXF	R9JX	W3KB
W1TO	JA3MHA	JA8ANQ	W6RFF	W4NE
W9FF	JE3OUW	JE6PJP	W7JET	WL7OU
ZS6RJ	KB7QFE	JH1AQN	WA6EZV	ZS1C
	KN7Y	JH1BHW	YV4DYJ	
	N0SL	JM1JZN		149
159	N4MI	JR3QHJ		7N2JZT
AA3AZ	N6VH	JR7ILA	151	DS4DRE
CT1ESO	N9AZZ	K5DXR	AD5MD	ER0FEO
DD0VE	N9MB	KC1ERO	AK9B	JA0JPD
DK8IZ	OH3PYY	N7JB	DF1IR	JN4FNZ
EA1P	PY1NS	NE5W	DL4KUG	JS6SCC
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JA0ED	W4DTA	VA3OKG	J68HZ	K2RET
JA4FKO		W4CIR	JA2BUR	K8WHA
K0IO	156	W5TMC	JI3BFC	K9EXY
K1EDG	EA3HPX	W8TM	K1QN	KM2E
K9QJ	GM3WIL	WA9MAG	K4DET	KP4DS
KC4HN	HB9HHH	WN7J	K7LAY	N0STL
LA8ZAA	HB9MXY		K9AAA	NE0U
N1MD	JA1CCG	153	KE4BKL	NU4Y
N4VG	JA2ODB	HB9BEM	KE8G	NZ0O
NE5S	JA9RT	JA3UOQ	KK4CLY	RT0F
NF7D	JH2AJY	JH2NWP	N7MB	TF3Y
OT1A	JL3DGI	JR7MAZ	NU4I	UA9MC
VA3NXM	K2HT	K0SRL	SM0NUE	WA1EHK
W1EBM	KA9OKH	K0YL	VA3EJN	WF7T
WD5BJT	N4QM	K4OY	VA3HP	
XE1MW	N5QZ	K8ROK	W3HER	148
	N7RD	K9MMS	W5WLA	4F3BZ
158	W1MR	K9YZ	W6WA	A71AM
9J2BS		KF9LI	WA9JWL	AE0MO
G4SGX	155	KK4XL	WC2C	IW5EIJ
IK3DVY	5P5Q	LA2IR		JF2AIJ
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K4SAF	HB9GWJ	OH3FVP	DK3FB	K5LY
K8GWU	IV3TDM	SP5NON	DL9SAD	K7STO
KB2XJ	JA0EBV	W3DIY	HB9EBM	KA3GWD
KF7NN	K2DF	W8VK	IK1UGX	KB8ZUN
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W9GM	K5FXB	K9UO	K0QB	WG0G
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147	KS0M	KB1HY	KX4I	136
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AI6P	NS4X	W4MA	N2SG	G0OSK
F6KOP	W3DQS	YO8CRU	N5JED	IS0EBO
G3VQO	W7NP		N7NF	NT5EE
IS0/YO3RA	WR7Q	141	R9MJ	ON5GF
JJ0LZQ	144	7K3QPL	ZL3TE	VE3FRR
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K8MRT	K8OS	K2JK	JA0CVC	135
KB9LIE	N5UE	K4RM	JA1PVX	AB4FH
SV8RX	RN0C	K5VG	JA1VRY	GM5YTT
W3NRJ	UY2UZ	K8RCT	K2YSY	HZ1GW
W8OM	W0AIH*	K9AAN	K6CW	JA1DCK
	WB9W	KA5SYP	K9BO	JA3MIO
146	143	KA5VFU	KC9G	JA7MWC
AE5B	AA4MM	KE7BMG	KF6A	JJ1HLL
HP3TA	AF3X	NZ6N	KL7NW	JL2ULM
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KM8AM	K7QBO	WK9U	W4DWS	NX8Y
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N6RK	KE4FW	AD9DX	WA5POK	W5IO
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NJ1Q	KJ2U	EI7JZ	DL2RD	WA7HR
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TF4M	LB2TG	K0UBR	JH1SBE	WB9IWN
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AA5TL	WY0V	W9BS	NU1T	JR0GXA
AC7JM	142	WB1ASL	OE3JAG	JR1HYA
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DL1MEV	I4JEE	YB3MM	SP3EPG	K7FL
EA4S	JA1PUK	139	TA1AL	K7RAN
EA7LS	J11UHZ	F5VML	W2GGY	K7YZO
EI7GY		HB9ARK	W4UEF	

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KA9JCP	KG8OU	AE7U	EA3NG	W9COS
KD2SC	KI7HO	DS4EJA	EA4TX	XE3E
KF5WCP	KK5ID	JA0AVS	G8BCG	125
KN4OK	M3DFW	JA1PLT	HB9TJG	AC4XO
LB5GI	N3TR	JA2ACI	HK6K	EI8GS
N1AH	N4EDT	JA3WMS	I2YPY	G4EHT
N2TC	N4QOG	JF2OHQ	JA0BES	IK8PGE
N6XT	NN3V	JH1RFM	JE2VYM	IZ8EYN
NC6RJ	ON6YH	JM1CMA	JG1LRE	JH8FIH
PA0QRB	PY2OP	JN1SUT	JG5DHX	JP1GVC
SM3WMU	SM7DXQ	K7ORK	JH1HRJ	K5NOF
W1DAR	UW7UA	KB4KBS	JI1MNT	K9ARZ
W2KNG	VU3WEW	KN4WOJ	JR1LZK	KK5J
W4UAT	W3KHZ	N8BK	K7LFY	N7UJJ
W7KKC	W4MC	N9AVC	KF3N	NA7RH
WB1DX	W5FL	PY3OG	KS8W	NN6CH
XE2AD	WA1HXX	SM2YIP	LA2LI	SM5AFU
133	WA1KXV	VK5CE	N0AB	TF3MH
7J1ABD	ZS1EL	W7TG	N0DL	W0XE
DL8OH	131	XE1ILI	N1BZ	W4AO
G4NBS	EI5GM	128	N3GTG	W5CWQ
GM1BSG	JH1IY	A71XX	NA1RL	W6PG
HB0WR	K0ARM	EA1AHA	ON5EQ	W7FI
HK4EB	K5SES	EI3IO	VE3EDY	WA1LAD
JA5IBP	K7GA	F4GTB	VU2TMP	WA4TMJ
JM1JIV	KA5IAU	HL2DBP	W0MF	WM4AA
K6ME	KO4DKI	JA6NQT	W3KN	WR2G
K7YMG	NG4DX	JH1AWJ	WA2BOT	124
KC2STA	NN6K	K6OJ	WB2KSP	AA5H
KG6WIK	VE3NKS	K7PTC	126	AF8C
KI4TZ	W5EC	K9YKL	CU7AJ	DJ3EJ
LA9KY	130	KC2WUF	DS3EXT	EC4KW
N1BKB	AA4QE	KD5R	EI4HH	EI8IQ
NT9F	DL1SWN	KG2U	IK4TVP	G4RGK
OH4KRN	JA2LMY	N0JR	IW7EDZ	IT9YOZ
OH7HM	JH3PRR	N5EI	JA5CDL	IZ1UKF
V31CQ	JL4BSE	NR0Q	JA5XPD	IZ5BYJ
VU2ABS	K2MHE	R3BB	JH4GXE	J11DMH
W1GY	KB3IFH	UR9IDX	JK8VMB	JM1LPN
W1ITU	KD2NF	W0QD	K2GLS	K3SUI
W3MF	KI0HA	W5MF	K5KDX	K6VVK
W6OUL	KN4JX	W6IS	K7PO	K7HC
W9SE	N2YF	W8BI	K8GT	KB8DID
YO3GJC	N7TM	W8WV	K9QA	KC2NJ
132	NS4F	W9EBO	KC5RR	KC4AA
AA4FU	OZ6TL	WA4UWD	KC9WPS	KD9ZR
AK3E	PU4MMZ	WC4V	KK4CB	KK4TKJ
AK6I	W1MO	WP4CQ	KM4CQG	KV8P
I8NLC	W9CTJ	WQ1H	KS4WA	M0MCV
IK8OZV	WB8RFB	ZS6AKU	N5HC	N0YO
IZ0COI	YB2IQ	127	N8YQX	N4LSJ
JA9KRO	YO8PS	7Z1HL	N9XG	N5VBK
K4BNF		AG4TO	VE3TMG	NT4K
			VK2DAG	

W0DD
W2FDM
W4BH
W6ELI
W6ND
W8PAT
W9TO
WB1S
WW5L
ZL3REX

123

AB9BH
AE5FM
AI5EG
DJ6OZ
DS4DBF
G6NHU
IK0XKP
IZ8LMA
JA1GLE
JA2HOL
JH1RVQ
JL3RNZ
K0MD
K2JGL
KC2THY
KD0KZE
KO8SCA
LA2XNA
LX2SM
N5JEY
N6DVR
N9RE
OH3TY
PY2ADR
SV7CUD
VE3VHH
W2WGK
W4UT
WB8TGY
WU7X
WX3P
YB9WZJ
ZS6NK

122

AA0BH
AA5B
AB5YI
DB4RG
G0HSA
HC1HN
JA9ALR
K0HQW
K1AJ
K3DQB

K4VAC
K9KJ
KB4ET
KN9N
N1ZZ
N4GRC
N9ATD
UT9LC
W1ES
W1HEO
W1KKG
W5HNC
W6HB
WA5YOM
XE2MX

121

AB4BJ
AK0A
DL7UGO
HA2EQD
IK6BMU
JA1CPN
JA1EYN
JA1WTO
JE2DOD
JI5WDC
K1LTJ
K3CWF
K9MQ
KK4ODQ
KU2A
N3ER
N5ZY
NA2R
NA4MM
NY4G
OZ6EI
TA1L
UA0FDX
W2ARP
W3/NH7C
W3JXP
W4CC
W4KCM
W5UQ
W7PC
W9MB
WA7HQD
WB7BBQ
WQ8T
WT3Q
WU9D

120

AA2T
AC4TO

AE5LK
AI2S
CT7ABD
CU2CE
DS3DNT
DS5QLJ
F5AQB
IK8IPL
IT9JPS
JA1DCO
JH5OTE
JJ1XVA
K9CHP
KG4OJT
KJ6Y
KK7BR
LU3XX
N1TQP
N3DV
N3GS
N4UFP
NR2D
PP2FN
VE3QAA
VR2ZXP
VU3RGB
W1RG
W5RYA
W6GJB
WT5L
YB0AZ

119

DL2VWR
F5BAR
HL2MHU
JA6JYM
K7LOL
K8EB
LU9DO
N1GNB
N8LCU
ON8PHD
SV1BYI
SV2KF
VK7AP
W1ZK
W6ZPL
W8EOG
ZL2AO

118

6K5AQY
AC9GK
AE1T
AJ6X
DJ9KM

IZ0FYW
IZ0RPS
IZ1JIZ
JA6CMQ
JH3LCU
K9KJS
KA5JSM
KA9JAC
KB3KJ
KD9BIE
KG5VK
KX6C
LZ1XZ
N3HYB
N8KUS
VR2CC
W4AFB
WA7ZXD
WA8RCK
WB5TOI
ZS2I

117

AD7L
CE3FZ
F8EZE
IS0BZR
IZ7QFN
JA9KA
JM3GXU
K0FF
K4AEH
K9LCR
KB2S
KB5CSQ
KO4PY
KP4ED
KZ1X
N8AGU
VE7NY
W3LWH
W3MRL
W4ARK
W4PG
WB9WHQ
YO6HOY

116

6K2ILX
AA0FT
EA5GXI
EI4BZ
G8GHD
IZ2CSX
JA2KPW
JT1CO
K4LCP

K8JRK
K8MN
K9GWH
KC1RET
KD5RBU
N0ATQ
N0UCR
N1GFV
N2ZL
N4KEB
OE6CLD
RW6MBC
SM1NJC
VR2IL
VY2RU
W1HQ
W7WES
W9LU
WA4VJK
WW5RC

115

AA9WO
AF7WM
E74A
HB9MZI
HL4RBR
IW2FLB
JA0NPQ
JH8LEY
JJ2VLY
K5TU
K8CR
KB4CRT
KB7V
KG4URP
KV7N
MM1PTT
N0TR
N7PIB
NE1RD
NG0G
NW6V
OE5MPL
W4OV
W5WS
WB4MM
WJ5K
WS4H

114

F6FHZ
G3CWW
HC1HC
I0BJV
JA1CCH
JA1CPU

JA8EIA	S52R	K8ZEE	109	K8LBT
JG4OOU	SV2DSJ	K9JIG	AA4RX	KC8YG
JM3XZC	VA3AYA	KI2Y	AC8AZ	KE3ZT
K1RE	VK7ZE	KM5VI	AD7XG	KE7AUB
K2IRM	W1FC	N4NYY	AF3K	KI4SFT
K3PL	W3JM	NT5O	DL9QJ	KJ2AM
KB1W	W6BBS	PT7CB	F5DBT	KJ4SKO
KI8AE	W7CD	TA1UT	F8DHE	KO4XI
N3DD	WB9YJE	TA2RC	G0MMI	KW1X
NA1DX		TA7AZC	JA5GOJ	LU2AH
NG8T	112	W7WT	JA9IWR	N2IFA
NK5K	3C3CA	WB8PKK	JH4GNE	N5FPW
W0LGQ	7Z1CQ	WU4B	JI1IZS	N5TW
W0QKL	G0DTX	XE1ZTW	K0FD	N7TP
W2ZK	G3YFE		K4AEN	VE7VV
W8LR	GM0SCA	110	K6JAD	W4DVG
WD0AJG	IK4EWN	AC0B	KA4AHU	W6CN
WN0L	IS0BQE	AG5Z	KB7DT	W7SMW
WT9U	JA4RED	AJ6V	M0AQM	WB5ZAM
XE1EE	JA8WGX	CT7ANG	N4LS	WC4B
YB2BNN	JF3AHI	DK4MX	N4WD	
ZS4JAN	JH0LME	EA1BLA	N6RVI	107
	K0XM	EI9HX	NN8L	AB7RW
113	K4HEB	G4VWI	NW6R	BG8PA
AB1NS	K4ZMV	G6MXL	NX1P	DJ5FZ
DL2DCX	K4ZRJ	HB9BEP	NZ3M	DK2GP
EA5DPL	K8CJY	HG6IA	PF7M	DS4OMS
EI2FG	K9KDS	IZ1EPM	PV8DX	E73D
F5EOT	KH6P	JF3KOA	SP7ASZ	EA2BFM
F8GB	KY6AA	JH1FRW	T88UW	EI5GSB
G0UII	N0OK	JR2PAU	W3ATV	IC8XIL
G4NAQ	N2SO	JR4DHK	W3GP	JA3MAT
G4YCS	N8AID	K3MSB	W4JDS	JE1CTA
HB9GZE	NQ4A	K4KAL	W5SG	K0FJ
IU8GNY	S51DV	K4RP	W7CB	K2FJ
JA2CPD	W1USN	K6DJ	W7VP	K2ZD
JA4CSJ	W3WN	K6SLO		K3GO
JA5SEY	W4LLP	K9TVG	108	K4LQ
JF1AZQ	W5GCX	KF8PD	7M4CLF	K6DLB
JH1GNU	WB2UFF	KV3W	AC8MR	K7UWR
K1JKR	WD8LTM	N1TQ	AC9DX	KA4LBD
K2KNB	WF4W	N3YZ	DB9CR	KB0EL
K4JDJ	WJ1B	NZ7Q	DL1TPY	KF2G
K4JLD	WN1M	OE6BME	DL2AMD	KF6XA
K4TR	ZL3PAH	TF8GX	DL2NAI	KJ4FZ
K5WRE		W1ZZ	DM5TI	LU5OM
K7BWC	111	W5JE	DU1IVT	N0MHL
K7MO	AK4N	W6TCP	E70X	N1UZ
K9DUR	EI9CN	W7YED	EA5XV	NI8Z
KA5OWI	F8DZY	W8PE	G5CL	OV2B
KB1OIQ	G4ZWY	W8TE	IK1RKN	PP5VA
KB2TGU	HB9ECS	W9GFB	JA2DCN	RM6LW
KC0V	JA4DLF	YB1SKR	JA2KGQ	SV3EXP
LU3JVO	JA5EEU	YO5QAW	JH1OVY	TA1CQ
M0NGN	JE1TNL	ZS5LEE	K1FUG	UX5XK
N6DW	K2KYH		K3XO	V31MD
NA9L	K5NV*		K4GHS	W5HY

W8JA	WA8Y	EA4EJP	K0OOK	R9GM
W9JJ	WV4E	EI3HA	K1FBI	S51MA
WB2BXO	ZL3RIK	F6ARS	K2RNY	SM0XG
WB2MKX		FM5FJ	K3PIN	US8ZAL
WC2L	105	G0DRM	K3TXW	VK2GR
WM4W	AA2F	GW0ANA	K4NI	W1GF
WS7I	A11W	HA5DI	K4PWS	W1MRH
WU1U	AP2IA	HB9BMY	K4SAW	W4GHW
ZP6CW	DL9GTK	JA1CC	K6XJ	W7FS
	E29TGW	JA1DHY	K7HV	W7HJ
106	EI6GF	JA1RBY	K9WMS	W7IMU
AB6WQ	F5VIF	JH1MYJ	KA7CVJ	W9GWP
AC7DX	G3LOJ	J14HKA	KP4DDY	WB4PWZ
AC8IL	HL4GHT	JQ2MPJ	KQ6K	WB7QBS
DS2GOO	JA1JYS	K0BRO	M0UPL	WD6T
DS5MNO	JA1SZN	K1TWF	N1MIE	WD9IOK
EA3AGY	JE6UWU	K2CQW	NB3R	WN9A
EW4DX	JJ2BLV	K4WW	NI5G	XE1SAX
F6JSZ	JK1AIA	K5JUC	RX3BP	YB0EIN
G0OJG	JK1AKA	K7UW	VE7XT	YB9AY
G0RPM	K0MB	K8WVA	W2SUB	YO6BHN
G3LPS	K1EO	KE4YOG	W4CU	ZS2ACP
G4FVZ	K1ETA	N1FOJ	W5IP	
HI7SB	K2GW	N3PW	W7KHZ	101
IZ4IRO	K5WE	N4PAJ	W7UV	AA9D
JA3AOP	K6GCN	N4ZR	W8EH	AB2NI
JA3FRI	K7CMZ	N8TEM	WA6URY	AB4EJ
JF7NNI	K8FB	N8WXQ	WA8KNE	AB8YZ
JG1XBM	KJ8N	NA8W	WC9C	C31MF
JJ1IRS	KK4MA	OM6CI	YB1ALL	DD8BA
K6VWE	KR0P	OZ9U	ZL1IM	DD9WG
KA9TOX	KZ4EX	PY2YW		DL3XAC
KI0KN	LA9JKA	RV4LC	102	EA4UV
KI4NSP	LZ1JZ	VE3ZN	4X1VF	EA8TZ
KM8V	N2YU	VK3MB	5H8HZ	G3VDB
KR4U	N9APK	W0VU	5W1SA	G4GEE
KT5V	N9IXD	W9GXR	AC0XY	HB9PUE
M0PCB	NC1M	WB4HMA	DB2WD	IK2HLM
N4DJT	NK7L	WB7QXU	DL4FDM	JA1KZP
N6UOZ	OH6IH	WF8Z	IC8SQS	JA1QEY
N7MW	PV8RR	WX0B	IZ7QSS	JA5ALE
N8OYY	TF1A	YB1BUL	JH1IHG	JA5JUG
N9ZJ	VU2DED	YO6HSU	K1MDA	JK3NSD
NG4C	W1PY	ZS6HON	K2DH	K0GEO
NI7F	WB8LEM		K2DW	K3AXB
NS7K	WD4OHD	103	K4HR	K3LA
PT2DF	WF5I	AF8P	K6BLG	K5HX
PY2OC	WK3A	DS5JMG	K6JAV	K8PGJ
UA0ABB	WZ9B	EA2RY	KA8HDE	K9GL
VE3BHZ	YU1LD	EI4GNB	KB1AWM	KB5YN
VE3XK	YV4EH	EI9GLB	KO3F	KC3OPI
VU2MB		FM4LV	N2CJN	KC4ZA
W0TLX	104	HB0RER	N2FY	KD2RUY
W4/KL7GLL	7N4OBV	JA7HYE	N4IR	KE9UA
W6KF	AA2WC	JF1KIG	N8KOJ	KJ5RC
W7GB	AA6XV	J11FXS	NA4D	KU4A
WA3IIA	CT3DZ	JP1KHY	NN5O	LA3ANA

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