

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 29 Apr 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	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W4DKS W5BPT W5ZN
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 DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO N4XM N8DJX SM5AQD SP2FAX UA6A W4PK	
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 K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W0DJC W9RPM WB9Z	
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		331 DJ9HX EY8MM IK8HJC JE2URF JG3QZN JH1RFR K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W5OZI W8UVZ WB6RSE
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 327 AB4IQ CT1APE CT1IUA DK5WL DL2OE EA1YO EA5BM I4EWH JE2LUN JH1TWT JI2KXK JI8DGO K0DEQ KW9A N6JV PY2YP RZ3AM SM2GCQ SM5CZQ SP6M SP9DWT SV1RK W3NO 326 EA5BY JA9APS JF1WPB K5EK K8PT LU2NI N3NT N7RT OZ1AXG SP5DIR W8DCH YO9HP 325 EU7A HB9DHK I5NPH IZ0AEG JA2FJP JA5WIZ JE1SYN JF1PUW JF3KON	JF7XKY JH8RZJ JS2LHI K9EU OE2LCM ON4IQ R5AJ SM4EMO SM6CCO SM6CMU SP1S SV8CS W1RM W6RLL W9OP 324 DK9KX DL5DSM G0DQS G4CCZ I0WDX IK5PWQ JA2BDR JA2DPC JH0INP JR3GWZ JR3OEH K5KC N1NK N8BM NK1K OE8HIK R3OK VE2TZT W3LL W9OL WB4TDH 323 AD5A EA3GP GM0GAV JF1KKV JH2FXK JJ3PRT JR2LJO K9IR K9YY 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 321 AA4V AD1C G3TXF HB9BIN IK2YCW JA0GJJ JA1XEC JA3AZD JH1IFS JH3CUL JH3VNC JH4ADV K2VV KV7K LA7HJA N4PQX N5XZ OE6MDF OE8RT SM6DHU SV1FJA UT7UJ W4FC W8GC 320 CT4NH DF2RG	DM5EE FK8CP I2EOW JA3PIS K1LD K4EM N4II SP7VC UY5ZZ VE3EXY W3KX W6XA WP4U YV1DIG 319 DJ4AX DK1FW EA8AKN IK4DRR JI1DHY JR7VHZ K5MC K6AM N4DB ON4AOI UA3AP W5WT 318 A45XR AA4HP AA8CH DL6KR G4PWA HB0CC JA2JNA JH4JNG K2TE K4IQJ K5BG K5DU KX4R LA2PA PY5EW R3VA RA7A RW3RN VE3LYC YO3APJ 317 AB9V DK2NG HB9HFN JA2IVK JO7WXN
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K2RW	CT1DKS	JR1BAS	SM2OAN	K5WAF
K6YUI	DL6CNG	K1HT	UA4LY	KD3CQ
K9MM	EA6VQ	LA7JO	W2JU	N4TL
KE9L	G3NDC	N1IBM		OE5RLM
N2BJ	HA1RB	N5ORT	308	R8TX
N4QS	IZ8FFA	RU3QR	DL2CHN	R9FM
NE1B	JA2AH	SV1CNS	HK4SAN	UN7JX
OE1WEU	JA2ZL	W7CT	IU7QBB	US5WE
SP1MGM	JA5XAE	W8HW	JA1IZZ	W5ADD
UX1UA	JR4OZR	WB8BPU	JA2WYN	
W6VX	JR9LKE		JA7IC	305
WX4G	K2LS	311	JA9TWN	DJ4XA
	K5AQ	IK0PEA	JG4AKL	JA1IOA
316	KB0EO	IZ2AMW	JH1SJN	JA2VQF
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K3WA	OE1ZL	OZ4O	K8OM	JR2UBS
K4HB	SM4DDE	PY2XU	KI0KB	K0JUH
K8YTO	SV1DPI	SV2DGH	KN5O	KG4W
KG8P	SV1JG	UR0MC	KS1J	N9AU*
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UA3DPM		JA0CRI	VA5DX	UT2UB
W1GL	313	JF8QNF	VU2NKS	W1YM
W7MO	5B4MF	K0KX	W2QO	W5AJ
W9ILY	CT1GFK	K5XI	W6ENZ	W5XC
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YO7LCB	JA5IU	K8FL	YS1RR	304
	JA6VQA	LA9AJA		DJ9ON
315	JA7JWF	NS6C	307	DK5AD
9H1SP	JF2UPM	RA0FF	A65BR	HB9CEX
AA5AT	JG3LGD	RL9F	DK2JX	JA2NDQ
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AB6QM	JR1BLX	W0YG	G0BLB	KC7V
DJ5FI	JS3CTQ	W4BP	I5HOR	N7US
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HK3W	K6KLY	WD9DZV	JA3GN	UY5AA
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JA9CWJ	NN4R	309	K2SHZ	ZL3JT
JN3SAC	SP3CGK	AA5AM	K3RA	
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N5OK		K1AR	WA5VGI	G3LZQ
OE3EVA	312	K8QM		HB9TKS
ON4IZ	F3SG	K9ZO	306	HL3IUA
PY2NQ	JA1SYY	NN4SS	DL1KUR	HL4CJG
SM3VAC	JA1XCZ	NU8Z	DL5EBE	IK2RPE
	JA7QVI	R9TO	HB9DDZ	IK4ADE
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AC4G	JH1QAX	RX3AGD	JE2LPC	K7WP

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K9MK	K8TL	AA8OY	OE5BWN	VE3CFK
K9US	K8VFX	CT1DOF	RU6L	W7BEM
KB1JZU	MM0EAX	EV1R	SV3DCX	W8TN
LA3WAA	PA3CSR	GM0AXY	W3JX	W9FR
RL3FA	UR5EDX	JA1JAT		ZL4TT
RW4NN	W3OA	JA7LGE	293	ZS2DL
SM6CUK	W5VY	K6FW	DL1HRN	
SP2BMX	W6TC	K8VC	DL1SMA	290
SP3IBS	W9AJ	LA8PT	EA3WD	AA4A
SP7HOV		N0RB	IV3YYK	EC3A
SP7ITB	299	RA3QK	JA2CXF	I4KDJ
W1SKU	CT1FMX	SM6BZV	JK1TCV	JA1KQX
WT8C	DM2DXA	SV9COL	K0TPP	JA1QXC
	EW2A	UA6YW	K4JAF	JE2DZC
302	G3SVD	W3RJW	KD0Q	JE2EHP
DJ5JH	HB9RG	W9JA	N2LM	KD0PO
EA1N	IK5RUN	WA3AFS	N4RWG	LA2QM
F5CQ	IZ4MJP	YO2RR	PY2IQ	LA5LJA
HB9DDO	JE1DXC		S55DX	LU3CQ
HL2IFR	K6SIK	295	W7ZJ	PP1CZ
I1EIS	KB8VAO	AA4R	WA4FFW	SK3PY
IW1ARB	N9FN	AD6W	YO2CMI	SV3AQR
R5DT	UA9FAR	DL1DUO		UN7LZ
RK4FD	UN6T	IW0SAF	292	UN7TW
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WD4LBR	298	JH4ALY	EA5AT	WB9EEE
	5B4AHJ	JM1FHL	G4GIR	XE2CQ
301	DL7BA	JN1RQV	G8DX	
AE5E	G5LP	K1GG	HB9BAT	289
CU2AP	HB9BOI	K5VIP	IZ3ETU	4Z4DX
F4BKV	IW0HQE	K5ZK	IZ8VYU	AJ6T
HP2AT	JA1WSK	N7TY	K3FRK	AJ9C
IZ1LBG	JA4ITW	NA5C	K5DHY	DL9TJ
JA0DIN	JA5BEN	RM0F	K7ZD	EA6ET
JA1LSP	JL2JVX	SM5FUG	LU4FPZ	JA3EOP
JE1LFX	JR7WFC	SP8HKT	N8II	JA8EJO
JG8FWH	K2PK	SV1GYG	R6AF	JA9FPI
JK1GOK	K8EUR	VU2PTT	SP5IWA	JA9IFF
K4SE	ND0N	W2GG	W4VIC	JG1WSC
PY7DJ	PY2VA	W5LT	W6SR	JH4GJR
RN3QN	ZL1BYZ	W6XK		K3UL
SV2AEL		W7AL	291	K4XD
WB5JID	297	WA9PIE	G0EHO	KK0M
	E73Y		IK0HFO	N2NL
300	HB9CQK	294	IT9CVO	R0FA
9K2OD	JA3RQ	AI9L	JA1FQI	RA1QD
AC0A	JE7JDL	CT1FCX	JA3ENN	VE3EK
DL1TRK	JE8CLT	EA6NB	JA9FAI	W9YSX
DL4CF	K4MS	HA9PP	JH1BAM	
EA1AF	K6ND	JA5SUD	K0BBC	288
EI2GLB	K8WK	JE1GWO	K3PA	IZ0RVI
IZ5RVG	K9SM	JJ1DWT	KP2A	JA2JRG
JA1SVP	KG7H	JR1DUP	LA5HE	LZ2JE
JA9AA	KT1J	K7ZV	N2TN	N6UK
K3XA	W6YI	KZ4V	N7IR	ON6AA

PY2KP	HL2WA	281	JA8LRG	PA7RA
S57AT	IZ8DFO	AD5Q	K2UR	
UA3AGW	JA2IYJ	BA4RF	N4HB	274
W1YIF	JA2VMU	EA5OX	N9ISN	CT1FPQ
W2LE	K1DG	F3AT	SM0NJO	EW1KP
W2NO	K6G XO	I1FQH	SM4AZQ	IW0HOU
ZS2EZ	K6PJ	IZ8FDH	VE3CRG	JA8ZO
	LA8HGA	K0GD	W8MHW	JH1IAQ
287	N8LJ	N2WB	WF2S	K3PT
9M6YBG	OE1WHC	N5GH		K6UM
AA8LL	PE1L	OZ1IKY	277	KA8SYV
IV3GOW	WK7E	SM5ENX	EU1KY	KA8ZPE
IW1QN		W0LS	F5UJK	KS3F
IZ8FWN	284	W8KEN	JA8DNV	RA5BM
JA1XPQ	DL6JZ	WN6W	JA8EOT	SV9AHZ
JA2ATE	EI9FBB		JH3KAI	UA3ECJ
JE2OVG	GM3YOR	280	K2AJY	
K0AZ	IK8VRH	CT1EAV	K8UT	273
K5RT	JA0DET	GM3PPE	N5LZ	AB4SF
LA3MHA	JA8CJY	HA5VZ	UW2ZM	CT1BWU
R9SA	JG3SKK	IZ3ENH	W1KSZ	DH2PC
SM5ARL	JH3SIF	JA3XNH	W2PP	JA1KPH
W1VT	JN1BMX	JA6TMU	W3BW	JA2TBS
W4YCH	K9NW	JA9NLE	W8RLS	JA6BEE
W8AV	N4LR	JF1NZW	W9MJ	JH3GCN
WA6F	OE2GEN	JH1BNC	WA3C	JJ3CJP
	SM0CCM	JH1HHC	WT4Q	JM2RUV
286	SM6CTQ	JR6LLN		N4IG
AA8R	W2AY	JR7FRW	276	NA5DX
AB5A	W4FQT	K4WNW	AA6AA	NK0S
CT3HF	W5ODD	PY2DS	DK3WW	OZ1ACB
DL2VPO	W8BBQ	SM5CZK	HB9LCW	RW7M
DS1JFY		UT7UV	HK1MW	W4HG
HB9RYZ	283	VK3HJ	IZ5BAM	W8QZA/QRP
HL3GOB	DF2GH	W8LGJ	JA2XCR	
IK0AGU	JA1RTX	ZS4TX	JA7FWR	272
IK0XBX	JG3FEA		JA7LMZ	AF9H
IZ8XQC	JL1XMN	279	LA9VFA	DS5ACV
JA2FGL	K3WW	JA0PE	N5MOA	F5PBM
JE3ENP	KJ6P	JE8TGI	ND4X	I5OYY
JF2WGN	OE8SPW	JF2XGF	ON4CAS	IK5PWN
K1LPS	W1LW	JH7BKN	RX4HZ	JF1LMB
K1RO	W6BJH	JO4CFV	SM5CLE	JH0BQX
K5PS		KF2DT	W1YRC	JH1OBS
LU8EKC	282	KQ4AV	W1ZT	K1UU
N8SNM	K1DT	N6TA	W2OIB	K7EG
UR5WA	K1USA	OH1ZK	W4MAY	K8BL
VE1JBC	K5UO	VE3DZ	W5GO	KA1ERL
W3GQ	K8ROX	W4UCK		KI4GE
W6PJ	OH4UI	WB2BIN	275	N2DPF
W8AXI	PC3T	WO7R	JE1BMJ	N4JQQ
	RD3AW		JG1OGM	N9RD
285	SM4CTI	278	N2JJ	OE5FIN
4X6ZK	UA0BA	9A4T	N7KA	PA0ZH
CU2DX	W1OPD	EA8RR	N8PW	SV1ACK
DL2SWN	W4OX	EI9JF	OH1JP	W2OO
EA3GHQ	XE1KK	F2NH	ON5UE	W3ACO

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271 4X1RU HL4GAV IK2DZN IZ8EJB JH1OCC JM1HJG K3PU KB1EFS LB2TB NN4X OZ4VW UA3TT W1MK W7MEM WA0MHJ	267 IV3VBM JA2QXP JA7BEW JA8UIV JJ1TKN K6BV K7XB KI5BLU SM5BMB	263 DK4TP EA3CJ EA4DL HA7UW IZ4DPV 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 W6TMD WA5LFD WV8DX	257 AF4HX DJ0UT DL9FCY EA1JO EA7SG EB3CW IK2PZC K1SM N1API N6HC PY2MC RU1AB SV1VS W0JM W5DM W8MJ WV4TN
270 7K1PTT AA4FL BA4MY CT3MD DK8MCT EA1KY EI6FR F9XL K0BJ K7UA K9JF K9MBQ N4QQ PU2POP VE6LB W8HC WL7E	266 EI8IU 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 SP6JIU W0GG W5ZG W6NWS W7LGG W7QDM W9PZT WA3GFM	259 CT3KN DJ8NT EA3EQT EW1BA JA8BNP JE2RDO JK1UNZ K2UFM NI3P	256 BH4QYX EC1A FG8OJ GU0SUP IK4HPU JA0KJE JF2VAX JH1RGG JM1GHT K4JJW K6EID K8RRT M0TTB N1SV NA5Q VK3NX W8JRK WB7B
269 IK7FPV IK8EPC JA1OVF JA1VLK JH3FHQ JP1NWZ K0KT N4UOZ NW7E OM4EX SM5FWW YB1AR	265 4F2KWT G3WPH JA4FM JH1ACA JR1WCT K2CBI N5KM N9JV NU1B NV9L W6RS			
268 7M4AOE HB9BUN				

255 AI6Z EA5RD F6ECI HC1BI HL3DE IV3TMM JA1VRU JK1OPL JR3UIC KR4F N1RK N5BO VR2XMT VU2CPL W5JAY WS9V	W2GW W2ZI W7CA WV6E	UN3GX VE3YV W0RX W8IQ W9RC XE2D	JA3QOS JJ6DGP K3EA KB9DAK KF7PG N0AH N2NW NZ3O S55ZZ YB0NFL	W8GNM WB8K
254 BA7IO CT1BWW IZ5YHD JF2WXS JH1VUO K3SEW KI1U LA5YJ NE8P UA3O W3FI	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 WV9L	244 IK8UHA JA1CZI JI6IHG JJ1QUV K0KG K1EFI K1KA K1YR KK1W N6KZ OE3HWC SP6A W0QQ W4REX W5PJR W9FI WA2USA WA3F	241 AB5C IS0AFM JF6XQJ JP1IOF K3WWT K7KB KV1E N4OA W5DNT W5QM WA8MCD
253 AC9O JA6IVR JA8XQI K1FEV K6MKF K8DV KE1F N7XR UA0FO W6RW WF4U YB0COU	250 6K5YIA F6HLC HA7TM HI8R IK0UTM JH6PFY JL1MWI JR0EQQ JR5JAQ K9YC K9ZM KQ3F PA0JSE PY2FN UN3G W7HPW W7IU	247 CT1FUH JJ1BMB K1PL K3VAT KH6M N4QWZ N7DED NA9RB PY5IP W2/CT1GIF W7IB W9JJB WS5W	243 DS5TOS G4XRV JA1PBV JA2EPW K4ZO K8ME W1BR W4PNY	240 7K1CPT E21EIC G7SSE HB9EFK IW3GJF JA1DM JA2FSM JH1APK JN1NBU KF0LA N0ABA S51NM SM3LGO SP5LKJ UX5UO W0SZ W8WEJ WA4CEM WB8CQV XE1RBV
252 DL7UPN F1ICS G3KWK G3NKC JA1BNW JA4HAW JE1HRC JF3PNQ JH4CBM JL1BYZ K5FZ	249 EA1RT HL2CFY IZ8GGF JA1EMQ JA8FFM JH8GEU K9NR KM6HB N0RN N3KN NH6T/W4 OZ5NJ SM4OLL	246 AA7G FG4NO HL2EIZ IV3KFB JE1VTZ JK1WSH KB6CIO N6PM W1KMA W3ICM W5ZO W8OP	242 G4FKA JA4ZA JH1ERJ JH1WJR JH4ADK JK1VXE JR1MLU JR7GBL K3NQ K4PB K7FEL KJ7M N2NS N6HY VK3BDX	239 AG1A DJ9RR I0JBL IZ1JMN IZ2FOS JA6CBG JA7KE JA9NFO JE2UFF JH1DGJ K2XF K4QE K8YYY N8SHZ NF4A OE3KLU OH7TV WA6JA

WB4KTF	OZ7FOC	DH0GSU	W9YE	EA5B
238	PA0TCA	DS3HWS	WB2NPY	I0OSI
G8AJM	VU2CDP	EA5AR	229	JH1IED
HB9MFM	W0HBH	JA0KJD	AA3LX	K2BA
JA0LXP	W2YR	JH1SOD	AE0P	KK4OK
JE1PNX	W3FOX	K8BN	AH0U	N2KX
JF0JYR	W4GIW	K8EAB	DL8SDC	N5ET
K9GA	W6DR	N9BX	IK2GAJ	N6BM
K9OR	W9OO	NE3F	K0HD	N9AOL
KA4RRU	WA1PMA	SM0XBI	K3FM	NG7M
KF9UG	WY6N	W2NRA	K4CMS	NJ7G
M0CSD	YB2TX	W6YOO	KD1F	VE3SKX
N4PJ	235	WB2KSK	KI4DLS	VE7TK
N5ZC	EA7QW	WD8PKF	KS4S	VK4CAG
N9UA	EI2HY	WE4S	N4NW	W9DX
W4KA	EU1U	232	NE6I	225
WA4QMQ	JE1IBI	AC9EM	W1WC	DK5RL
WB0TVY	JH2VVH	EW4C	YB1TJ	DS4AOW
ZL4AS	K0EOO	G3XLF	228	DS5DNO
237	K0VSH	JH0OXS	7J1ADJ	EU1M
CT1BOY	K5CWR	JH6DUL	AA0MZ	JA0EVI
G0VXE	K8ZM	JR3VMJ	F1RAF	JA4CZM
HB9CXZ	N2FF	K4ST	F5LIW	JE2EBT
HB9JOE	N4IQ	K5FNQ	GW4TSG	JF1MTV
JF2OZH	NA5Z	NY2NY	JF1RYU	JH8NQV
JH1DGQ	NW4M	RQ3A	JF1WLK	JL3OUW
JR0QFA	TA1CM	SV8DOU	JH2PWY	K0OK
K1RV	W3MR	W6CYX	JH3GFA	K1JIU
K1XV	W7YW	W9ZCL	K4JC	K3SF
K2NV	234	231	K4KGG	K4JWA
K9JU	DF7EE	AD5WB	KB1DMX	K5YU
LB5WB	DK2CC	DK6OR	KE4UW	MU0FAL
N4HID	HB9BYQ	HL2ZN	RA3QUA	N0ODK
SM0MPV	HS1NGR	IW7DVM	UN9L	N2SQW
W6AER	IK0LNN	JA1MZL	VR2CH	N9SF
W8UN	JA2OLJ	JH0AWC	227	W5GZ
WA0ROI	JH5HDA	K2RU	DL2RUM	W5LO
WB8B	JK1BSM	K4YJ	HB9DVO	W5TFW
WB8ZRL	JR1VAY	K5IB	I0MWI	W8CZN
WC3W	JR4LZX	KD6UO	JA0DWY	W8UV
YO3JF	K4MF	LZ2XF	JK1SQI	W9KVR
236	KE5FXE	NA4EA	K1GE	WE1P
HB9DQV	KE8UM	SM7NDX	K5GH	YO9FNP
HB9ZS	KX2A	W2DXE	LU6ETB	224
JA1HOM	ND4V	W4UDH	N1NU	JA1OVD
JA1JYE	OH2IS	230	N6OJ	JA8NFV
JA3KNN	W3WST	G3LUW	N9PGG	JO1LVZ
JH1UBK	WA4JQS	JA5NPV	W4DEE	K1CBK
JN1NOP	WA5UA	JA6AVT	W5SL	K2HAT
K1ACL	WX2U	J11VVB	WA9GON	K2TER
KM3J	233	KK9H	YL2KF	KZ5DX
N4GN	AA9GR	W2KA	226	N3RW
N6IE	AA9RR	W8FIB	DM2RM	N7WO
OE2BZL	AJ4A	W8WVM		RW4CY
				SM7BHH

SP6AXW	K1NTR	OZ0J	PY2RO	S54A
V51B	K4EU	W0TM	SP7ICE	W5WP
W5RF	K4MIJ	W5THT	W0KCJ	W6WF
W7NN	K5MT	YO3IPR	WB6BFG	W7FP
WB0O	K6MM			W9IL
WN6K	K7AWB	216	213	WK8A
223	K9WX	CX2CC	9A1AD	WW2DX
AB4UF	KV4T	DJ3XG	AG3V	YB0DJ
AF2C	KZ9DX	EA2AFV	DK3UA	209
EA7DUD	ON4ATW	G4VMX	HB9HIT	JH6RTO
I8MTQ	PA3BWD	JA2VHO	IV3FFI	JH8UQJ
IK2RZP	SM0DSF	JH7WQX	JA1FVS	K0LB
IZ8MBW	UR4IOR	K7LV	JA3NHL	K0VM
K6IPV	W8LMG	KK4OW	JG3RWX	KB2FCV
KI6CG	XE2X	KR4W	JR1EFG	KB4MRX
KW4V	219	KX4TT	K1NJ	N4TD
N4ENE	F5JSD	LB6KC	K5ALQ	N9XX
NA2AA	HB9BNQ	NC4RB	KK2M	PU1KGG
	HL5BMX	PS8ACL	N6PEQ	SM5BNK
222	IK5QPS	W0SR	N8GP	W6DCK
AK5Q	JA1FJJ	W5VQ	NA2M	W8BLA
DJ9SO	K5JZ	W9MO	VK3FM	W8HMK
DL5XL	KD2T	WB3D	W1LE	WB0ULX
E77S	KE6V	WS1L	W3BJ	
IZ7AUH	KG6I	215	W7HR	208
JM1VRW	KI7AO	9H1EJ		HP2NG
K2AT	KR6C	AA7XT	212	JH0NOS
K6ZZ	N1KC	DS4GKF	3A2MW	K0THN
KB5UNX	N6DX	HB9IIO	G4ZOY	K4WES
KS4YT	W6GRV	I5XFD	I1YDT	K5RJ
RA4P	WA3I	IZ0BVU	JA1BWA	N4FN
SV8CKM	WW8W	JR0AMD	JA3LDH	NU1O
VE7BV	218	JT1BV	JR2PZX	NW6S
221	DL2NOM	K1TZQ	JS6TWW	W1FA
EA2AAZ	DL4NBE	KF4NEF	KU4BP	W4WN
HB9HBZ	I7PXV	KO6KD	SM5AOG	W5FPT
IZ1JLG	K5CD	N8NN	VU2DCC	WA6G
J11NJC	KE3D	RN9N	W5DAW	ZS1J
K4CGY	KR2Q	W0FG	YL2TW	
K5DV	KV4AA	W0TT	211	207
KU4XO	N4JT	W1JGS	AA8SW	9K2BM
N4TOL	SM7WVZ	W4IS	JE2KSM	DG5LAC
N9JR	TZ4AM	W6SL	JJ1KZZ	JG1JPE
NA9Q	W5GA	WC2K	JO4JDU	K6ZP
RU0SN	WA2NPD	ZL2AL	K4MV	KE1VT
W0BM	WC4H	ZS2Y	KT2C	M0IKW
	217	214	N1BY	N9AKR
220	IK0CHU	DJ3AS	VR2XLN	OE1JIS
AA6RR	JA2NNF	F4GVO	WY1G	ON4ANN
DL4DW	JA7ZP	HB9VAB		RD9M
DL4LAM	JG5RVQ	JH1OGT	210	TF3DC
EA5DFV	K0NV	JN7DOS	AA4LR	VK2CA
EI9FVB	KU8X	K0QQ	CU3AN	VK5GR
IK1IYU	N6QI	K2AZ	KD4SN	W1MJB
K1DJ		NY1V	KD8RQE	W4GE
			PY2WC	W6KK

W9QO
YB0MWM

206

AG5W
CT1HHP
HB9CRV
IW9DNI
IZ4DIW
JA4DNC
JF1IRW
K3SX
K8NK
KK5OQ
KK9T
KW4CQ
LU4FW
N6ZN
N8BJQ
ND3L
SM7GIB
W7IUO
WA3WZR
WB0N

205

AC9S
DL6UNF
GM0VRP
IK0WRB
IK3GBG
JA4DHN
JA7JM
JA7MNF
JO3WHB
K4YYL
K5VR
K9SG
KW1DX
N2KI
N9KW
OH3OJ
WA4MME
XE1J

204

JJ1JMZ
K1RH
KB5HC
KM9E
VU2IBI
W4GP
W7IV
WA9BZW
WB8BZK
XE1L

203

DF3EC
F5NBX
IK2RGT
IZ0BTW
JA0CIU
JA7JPZ
JH8NBJ
K0CS
K4GO
K4JKB
K9OW
K9TF
KA1DJ
KK8MM
KM7R
N2ZA
N3PS
N4TV
N6PAT
NW7US
SV1FKZ
W1DYJ
W3BNN
WA3FRP

202

BV1EK
G3SBP
IK5BOH/2
IT9ODQ
N8WD
W1AW
W3NS
W4RDX
W7TUS
W7VY
WE2N

201

DL4FAP
GI4OWA
IZ0GYP
K0MFI
N4PYI
PY2GG
RT5A
W1OP
W6AEA

200

HB9AGO
IZ5FSA
IZ8EKL
JA3EY
JA7DPC
JA7MAD

JH1FVE
K1ZJA
KC6JAM
KL7TC
KM4VI
LA6OP
N1IA
N7ELL
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
K0GW
K7PT
KA1J
N3ND
RA3BL
VK6OZ
W6SHY
WA2VQV
XE1FAS
YV5LI

197

4X4MF
BA4TB
EA1DLU
IT9AAI
IV3AVQ
JA2MNB

K2CYS
K6TAR
K8SIA
M0HIH
N7WS
W4DAO
W4HZ
WI7P
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

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
KE0A
KJ4UZU
KJ4YLO
N4XYZ
NC2Y
UR3EO
VA2IG
YB1TQL

191

AA4NC
HA5CW
IT9IPQ
JH1FNU
JK1AJX
JP1LRT
K1RI
K8QKY
N4DWK
N7MQ
NK7C
OZ7DN
VK2HV
W8UQ
WF1H

WI8R	187 EA5HM F4WDL IK8GJR N6VNI PP7LL W5ZE	183 IU0ICA JA2KSP JA3UNA JE4CIL K3HW K6LRN NA2U W2CG W3ML WF8R YB2TS	NA5S VR2XYL W4DSM	W4KVS WD8KND
190 AA4U AC4VM DJ9KV EC7B G3WW G4XEE HL4CCM JA2ITK JH8KFE JI2UDK K7UT K8ZT/QRP KD0AA N3AIU N6MXU SM0BYD W2OR W9ROG WA8LRW WB4GLI	186 AF6PK I4UUL K5EWS K5QX K6EGF KC6X KK0DX N5QS W8RV WA5IPS WB4DNL WZ4RC	182 4X6KJ I5FLN I8LWL JA6SQR J11CQA K7LAZ K9AQ KG4JSZ KS0JD LA5LT N4MIK N8NA N8NB NZ5O VU3CAU W6SFK W7WZ XE1YD	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 K5RKS K5TN K6UXO KD1AB KY5I N6NU OH2LHE ON6KE RM3DA RN3CT SM4BZH W4AEJ W6DPD YB4CHP	185 JK7LXU K0KP K3PP KE5BR KQ4EE OZ3SM UN7BK VA7ZT W0QC W2WG W5SUM W6RKC WV2I	181 EI3CTB IZ4AIB JK1DDG KY6R N1HO N6VS N8AYY NN9X NV4A UA9AEU W6TK	178 AA8KY EA8AXT F4DSE G4DDL IW0BYL JA1ERB K1ZE K3VAR KU1T N6DHZ OZ1HPS W7HUY WB6AXD WC0W	175 AG5CN EA6UE IU8IYE IW1PUR JA0LFV JE3PCP KD4POJ KF2OG KF6HI KL0S KN7D N7NG NS3L UA1OM UA9AGX
188 EA7AN JA0GCI JH7NTW JP1GUW K2AX K2DC N2ZZ PY2RN WV4V YO2DFA	184 AD6ZJ EA5RU IK0HBN JA7FVA K3JM N2MEE N8HRZ NW7M SM2EJE UN7BY UT7KF W0PE W6BK WB2HJV WB3BFC WB4YDL WB5STU YB1RUS	180 A61BK AA4AK AE4M DK1NAL JH1IZR K0IL K2SD K3DFL K8SL N7VPN	177 4X6UU IW8CGX IZ2EWR JE4RAL JF1LZQ JG3KLF K2JL K2MK K3OX K8YE KF4VTT SM5CBM VK2AAH W0IKD W0JW W1AO	174 AA4UC AG4Q DF8FT DL5KUA HB9HVG JL6USD JR3TOE K5CR K9HQM K9UQN W5JMW W5WI WA4BIM WA4NUF WQ5T

173 7L2QAD AB6CF AI9U DM6MA HB9DVZ K1ROA K5ZQ K6UNE K8JE LA9VBA N7HN N9DR NC7B NX2X OV5O SM0EUI TF3JB W7VAS WA7BNG WY7FD	WA5KBH 170 DL2JIM EI5KO EI6AL JA1GVT JG1GJH JK1BIB JQ1YIW K0KV K6JJ K7CU LA2GH N4VN N6EM N8VV NX4TT VE1OP VE2YG W0OGH WA4USA YO4AUL	WX0Z 167 JA8BOV JQ1PCX KB8NTY KD3HN KE3X KH6XT N1ZJ N4PL N8JS N8OQ PT2ADM PY2SEX TF3VS WA0SXV WA5NFC 166 AL7R DL1SVA GM7NZI HL4XM JG3KMT JR6GHN K7CTV KN4FO KR4BD KW4J SV2CLJ VA7DX W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZL3RJ ZS6IR	N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W6FL WB2WPM WB9PNU WC4X 164 AC4BT CT3DL DL7JRD EA3HDZ EI6IZ IZ0GVZ JE3FOR K1XE K6CF K6GFJ KA1API KD8MQY KL7TS N2XQM N7WI NA2P PT7DX S50B SP7QHR W6SIY W9CSX 163 AA4OC AI4QQ DS4NPL EA1AZ F4CPF HA5BSW IK2ULM 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 162 4F1OZ BH4IGO DJ7JC DS3EXX EA2AGV HS8KAY JR4CZM N4BAF NP3CW W4NBS W8FN 161 HL3ERJ JP7FSO K1BZ K2OP K4AR KM4A N7QT NA6XX OK2ZDL SM3PHM W5BK W5RDW W6DOE W9GG 160 E70T EA1WH JA1ITJ JA1UOA JG2LGM JK1EBA JK1NPH JR1CAD K7LY KC9K KM4NS N0IW N4MEC N5WA
172 AD0K EI1DG JA1BON K5TA LZ1XL N3AO N5PA N7GCO SP5ES W1ASB YB4IR	169 AC0DQ DM3CW JA1KXT JE1PHH K8ZZU K9OT KI2D N5MT RD3BD SV1IZY WA6QGH			
171 AA5N AD3C CT2GZE DL5MM F9CI IZ0CKJ JA3AVO JJ1BDX JL1GYZ JS6QOM K2TV K4WY KB0V KC5LK KP4DKE N8WRL NA6O NG9J ON6MX W0MU WA4DOU	168 A92IO EW1P JA0PZJ JH1ORA JH3EQP K0PC K0RAR K1VI K2SY KF0RQ LU8ADX LX1CW N4ST N6MB OE1ALW R4FAN SV1XV VR2MY WA9IVH	165 AG6HE CU3HN EI5JL HK3PJ HL1VAU IK0XIH JE4KCN JE4WOK JF1KML JR1KBJ K3VPZ KG4CUY KG5NP LA2XPA LB7ZG		

N8IL	JA0NZR	JA0GZZ	NM1G	SM0BSO
NI5F	JA1UBZ	JA4HXF	OH3PYY	VU2NXM
W1TO	JA3MHA	JA8ANQ	ON4LG	W2NY
W9FF	JE3OUW	JE6PJP	R9JX	W3KB
WB8QZM	K4SAF	JF3VEC	W6RFF	W4NE
ZS6RJ	KB7QFE	JH1AQN	W7JET	WL7OU
	KM4HQE	JH1BHW	WA6EZV	ZS1C
	KN7Y	JM1JZN	YV4DYJ	
159	N4MI	JR3QHJ		149
AA3AZ	N6VH	JR7ILA		7N2JZT
CT1ESO	N9AZZ	K5DXR	151	DS4DRE
DD0VE	N9MB	KC1ERO	AD5MD	ER0FEO
DK8IZ	PY1NS	N7JB	AK9B	JA0JPD
EA1P	W3HKK	NE5W	DF1IR	JN4FNZ
IK0WMJ	W4DTA	NH6L	DL4KUG	JS6SCC
JA0ED		VA3OKG	J68HZ	K2KIB
JA4FKO	156	W4CIR	JA2BUR	K2RET
K0IO	EA3HPX	W5TMC	JI3BFC	K8WHA
K1EDG	GM3WIL	W8TM	K1QN	K9EXY
K9QJ	HB9HHH	WA9MAG	K4DET	KM2E
KC4HN	HB9MXV	WN7J	K7LAY	KP4DS
LA8ZAA	JA1CCG		K9AAA	N0STL
N1MD	JA2ODB	153	KE4BKL	NE0U
N4VG	JA9RT	HB9BEM	KE8G	NU4Y
NE5S	JH2AJY	JA3UOQ	KK4CLY	NZ0O
NF7D	JL3DGI	JH2NWP	N7MB	RT0F
OT1A	K2HT	JR7MAZ	NU4I	TF3Y
VA3NXM	KA9OKH	K0SRL	SM0NUE	UA9MC
W1EBM	N4QM	K4OY	VA3EJN	WA1EHK
WD5BJT	N5QZ	K8ROK	VA3HP	WF7T
XE1MW	N7RD	K9MMS	W3HER	
	W1MR	K9YZ	W5WLA	148
158		KF9LI	W6WA	4F3BZ
9J2BS	155	KK4XL	WA9JWL	A71AM
G4SGX	5P5Q	LA2IR	WC2C	AE0MO
IK3DVY	AB4GE	N0VVV		IW5EIJ
JJ1KXB	DK3QM	N7NW	150	JF2AIJ
K4HQK	HB9GWJ	OH3DP	DK3BK	JR3PKO
K8GWU	IV3TDM	OH3FVP	DK3FB	K4TXJ
KB2XJ	JA0EBV	SP5NON	DL9SAD	K5LY
KF7NN	K2DF	W3DIY	HB9EBM	K7STO
KJ7NO	K4EZY	W8VK	IK1UGX	KA3GWD
N4XMX	K4WM	WB4SON	IT9ABN	KB8ZUN
N6MM	KM2O		IZ0FUW	KD4EE
N8TFD	M0IFT	152	IZ2MHT	LZ1MDU
W0JMP	N1QY	4O3A	JA1IHD	N0TK
W8LIG	NK7Z	AC6BW	JA6SUY	NJ6K
WB2RAJ	NO9E	BX5AA	JA7GZM	PY2CP
WB9B	OE1HHB	DF2WF	K5HK	VE6TL
WB9ZNZ	UT7EC	DU1KT	K9RT	W4AG
WT2P	W5SV	G0THF	K9UWY	W9GM
	YB1AYO	G4AFJ	KI7M	W9MAK
157		IK5BSC	KX5U	
7N3IJT	154	K2EK	N6JOJ	147
AB2E	AC8TO	K4RDU	N8IK	AB9KZ
E20YLM	AJ8B	KD2OV	N9IO	AI6P
EI2JD	DS5WQT	KE9S	NM4SH	F6KOP
GM4KHE			ON6ZV	

G3VQO IS0/YO3RA JJ0LZQ JK1OTP K3GGN K3GW K4NTO K5UZ KB9LIE SV8RX W3NRJ W8OM	144 AD0TR DL6DCD G4FTC GM0VIT K1TKL K8OS N5UE RN0C UY2UZ W0AIH* WB9W	9H1AE EA1T EI3ISB HB9EXQ IZ3XEF K2JK K4RM K5VG K8RCT K9AAN KA5SYP KA5VFU KE7BMG NZ6N SV2JU TF5B VE3FAC W1NA W3IZ W5GOL W6HDG WK9U	N5JED N7NF R9MJ ZL3TE 138 AC5AA DL5KUT DL5ZB G0FWX JA0CVC JA1PVX JA1VRY K2YSY K6CW K9BO KC9G KF6A KL7NW KU9S N3PV N9BVA OD5YA PV8ABC TA1PB W0UHL W4DWS W4EJG WA5POK	136 DM5JBN EA5KA G0OSK IS0EBO NT5EE ON5GF VE3FRR W0ANZ W4GH W4IDX W4PV W7SX 135 AB4FH GM5YTT HZ1GW JA1DCK JA3MIO JA7MWC JJ1HLL JL2ULM K2WJ K3HPA K3WGR K4OP KC3RKW N5RN N7TW NX8Y S53MJ W5IO W7QHE WB3AVD WB6FWS WB9IWN W05I 134 AB0RX AB1J DL4ZAB EA6AZ IZ8DEO JA6GXP JR0GXA JR1HYA K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KD2SC KF5WCP
146 AE5B HP3TA JA3KWZ JE1COB K1IG K6NR K8ARY K8POM KB9AIT KM8AM N6FS N6RK N9MR* NJ1Q SM3DXC SP9IZV TF4M WA2MUA WA3SKQ WW8RT XE2B YB1BML ZS6UT	143 AA4MM AF3X EA4D FM5DN HB9AAA JA1MOD JF2RSF K2OO K6LPO K7QBO K9BQL KE4FW KG6D KJ2U KJ4R KN7K LB2TG N2YBB N4GBK N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	140 AA4DD AD9DX EI6JK EI7JZ JG1RYQ JJ1OKK K0UBR K5GZR K6EV K7VC KC3AK LA8PDA LZ2HM N0SL VE3NJC W5VU W9BS WB1ASL WB8EKG WW6G YB3MM 139 F5VML HB9ARK HB9DTE HL4CBX K0QB K0YL K9TRV KX4I N0CKC N2SG	137 DL2RD G3PSM HL1MKT JH1SBE K2CDJ K2RKJ K4AU K6IRA KP4N N7VZ N9NFT NI4Y NU1T OE3JAG SM5CSS SP3EPG TA1AL W2GGY W4UEF W5AAJ W9MR WA0WOF WG0G WS1F	
145 5T5PA AA5TL AC7JM AL7TC DL1MEV EA4S EA7LS EI7GY F1OBJ JH1CTV K5FXB KQ5M KS0M N6KK NS4X W3DQS W7NP WR7Q	142 I4JEE JA1PUK JI1UHZ K2CJ K3GT K8MRT K9UO KA6BIM KB1HY LA1J W4MA YO8CRU 141 7K3QPL			

KN4OK	N3TR	JA3WMS	JA0BES	125
LB5GI	N4EDT	JF2OHQ	JE2VYM	AC4XO
N1AH	N4QOG	JH1RFM	JG1LRE	EI8GS
N2TC	NN3V	JM1CMA	JG5DHX	G4EHT
N6XT	ON6YH	JN1SUT	JH1HRJ	IK8PGE
NC6RJ	PY2OP	K7ORK	JI1MNT	IZ8EYN
PA0QRB	SM7DXQ	KB3IFH	JR1LZK	JH8FIH
SM3WMU	UW7UA	KB4KBS	K7LFY	JP1GVC
W1DAR	VU3WEW	KN4WOJ	KF3N	K5NOF
W2KNG	W3KHZ	N8BK	KS8W	K9ARZ
W4UAT	W4MC	N9AVC	LA2LI	KK5J
W7KKC	W5FL	PY3OG	N0AB	N7UJJ
WB1DX	WA1HXX	SM2YIP	N0DL	NA7RH
XE2AD	WA1KXV	VK5CE	N1BZ	NN6CH
	ZS1EL	W7TG	N3GTG	SM5AFU
		XE1ILI	NA1RL	TF3MH
133	131	128	NT9F	W0XE
7J1ABD	EI5GM	A71XX	ON5EQ	W4AO
DL8OH	JH1IYY	EA1AHA	VE3EDY	W5CWQ
G4NBS	K0ARM	EI3IO	VU2TMP	W6PG
GM1BSG	K5SES	F4GTB	W0MF	WA1LAD
HB0WR	K7GA	HL2DBP	W3KN	WA4TMJ
HK4EB	KA5IAU	JH1AWJ	WA2BOT	WM4AA
JA5IBP	KO4DKI	K6OJ	WB2KSP	WR2G
JM1JIV	NG4DX	K7PTC		
K6ME	NN6K	K9YKL	126	124
K7YMG	W5EC	KC2WUF	CU7AJ	AA5H
KC2STA	WA7HR	KD5R	DS3EXT	AF8C
KG6WIK		KG2U	EI4HH	DJ3EJ
KI4TZ	130	N0JR	IK4TVP	EC4KW
LA9KY	AA4QE	NR0Q	IW7EDZ	EI8IQ
N1BKB	DL1SWN	R3BB	JA5CDL	G4RGK
OH4KRN	JA2LMY	UR9IDX	JA5XPD	IT9YOZ
OH7HM	JH3PRR	W0QD	JH4GXE	IZ1UKF
V31CQ	JL4BSE	W5MF	JK8VMB	IZ5BYJ
VU2ABS	K2MHE	W6IS	K2GLS	JI1DMH
W1GY	KD2NF	W8BI	K5KDX	JM1LPN
W1ITU	KI0HA	W8WV	K7PO	K3SUI
W3MF	KN4JX	W9EBO	K8GT	K6VVK
W6OUL	N2YF	WA4UWD	K9QA	K7HC
W9SE	N7TM	WC4V	KC5RR	KB8DID
YO3GJC	NS4F	WP4CQ	KC9WPS	KC2NJ
	OZ6TL	WQ1H	KK4CB	KC4AA
132	PU4MMZ	ZS6AKU	KM4CQG	KD9ZR
AA4FU	W1MO		KS4WA	KK4TKJ
AK3E	W9CTJ	127	N5EI	KV8P
AK6I	WB8RFB	7Z1HL	N5HC	N0YO
I8NLC	YB2IQ	AG4TO	N8YQX	N4LSJ
IK8OZV	YO8PS	DJ5DT	N9XG	N5VBK
IZ0COI		DL9GTB	VE3TMG	NT4K
JA9KRO	129	EA3NG	VK2DAG	W0DD
K4BNF	AD6KQ	EA4TX	VR2VGM	W2FDM
KB8KIM	AE7U	G8BCG	W8VI	W4BH
KD3UY	DS4EJA	HB9TJG	W9COS	W6ELI
KG8OU	JA0AVS	HK6K	XE3E	W6ND
KI7HO	JA1PLT	I2YPY		W8PAT
KK5ID	JA2ACI			W9TO
M3DFW				

WB1S	N9ATD	F5AQB	KA5JSM	N0UCR
WW5L	UT9LC	IK8IPL	KA9JAC	N1GFV
ZL3REX	W1ES	IT9JPS	KB3KJ	N2ZL
123	W1HEO	JA1DCO	KD9BIE	N4KEB
AB9BH	W1KKG	JH5OTE	KG5VK	OE6CLD
AE5FM	W5HNC	JJ1XVA	KX6C	RW6MBC
AI5EG	W6HB	K9CHP	LZ1XZ	SM1NJC
DJ6OZ	WA5YOM	KG4OJT	N3HYB	VR2IL
DS4DBF	XE2MX	KJ6Y	N8KUS	VY2RU
G6NHU	121	KK7BR	VR2CC	W1HQ
IK0XKP	AB4BJ	LU3XX	W4AFB	W7WES
IZ8LMA	AK0A	N1TQP	WA7ZXD	W9LU
JA1GLE	DL7UGO	N3DV	WA8RCK	WA4VJK
JA2HOL	HA2EQD	N3GS	WB5TOI	WW5RC
JH1RVQ	IK6BMU	N4UFP	ZS2I	115
JL3RNZ	JA1CPN	NR2D	117	AA9WO
K0MD	JA1EYN	PP2FN	AD7L	AF7WM
K2JGL	JA1WTO	VE3QAA	CE3FZ	E74A
KC2THY	JE2DOD	VR2ZXP	F8EZE	HB9MZI
KD0KZE	J15WDC	VU3RGB	IS0BZR	HL4RBR
KO8SCA	K1LTJ	W1RG	IZ7QFN	IW2FLB
LA2XNA	K3CWF	W5RYA	JA9KA	JA0NPQ
LX2SM	K9MQ	W6GJB	JM3GXU	JH8LEY
N5JEY	KK4ODQ	WT5L	K0FF	JJ2VLY
N6DVR	KU2A	YB0AZ	K4AEH	K5TU
N9RE	N3ER	119	K9LCR	K8CR
OH3TY	N5ZY	DL2VWR	KB2S	KB4CRT
PY2ADR	NA2R	F5BAR	KB5CSQ	KB7V
SV7CUD	NA4MM	HL2MHU	KO4PY	KG4URP
VE3VHH	NY4G	JA6JYM	KP4ED	KV7N
W2WGK	OZ6EI	K7LOL	KZ1X	MM1PTT
W4UT	TA1L	K8EB	N8AGU	N0TR
W7FI	UA0FDX	LU9DO	VE7NY	N7PIB
WB8TGY	W2ARP	N1GNB	W3LWH	NE1RD
WU7X	W3/NH7C	N8LCU	W3MRL	NG0G
WX3P	W3JXP	ON8PHD	W4ARK	NW6V
YB9WZJ	W4CC	SV1BYI	W4PG	OE5MPL
ZS6NK	W4KCM	SV2KF	WB9WHQ	W4OV
122	W5UQ	VK7AP	YO6HOY	W5WS
AA0BH	W7PC	W1ZK	116	WB4MM
AA5B	W9MB	W6ZPL	6K2ILX	WJ5K
AB5YI	WA7HQD	W8EOG	AA0FT	WS4H
DB4RG	WB7BBQ	ZL2AO	EA5GXI	114
G0HSA	WQ8T	118	EI4BZ	F6FHZ
HC1HN	WT3Q	6K5AQY	G8GHD	G3CWW
JA9ALR	WU9D	AC9GK	IZ2CSX	HC1HC
K0HQW	120	AE1T	JA2KPW	I0BJV
K1AJ	AA2T	AJ6X	JT1CO	JA1CCH
K3DQB	AC4TO	DJ9KM	K4LCP	JA1CPU
K4VAC	AE5LK	IZ0FYW	K8JRK	JA8EIA
K9KJ	AI2S	IZ0RPS	K8MN	JG4OOU
KB4ET	CT7ABD	IZ1JIZ	K9GWH	JM3XZC
KN9N	CU2CE	JA6CMQ	KC1RET	K2IRM
N1ZZ	DS3DNT	JH3LCU	KD5RBU	K3PL
N4GRC	DS5QLJ	K9KJS	N0ATQ	KB1W

KI8AE	W7CD	PT7CB	F8DHE	KJ4SKO
N3DD	WB9YJE	TA1UT	G0MMI	KO4XI
NA1DX		TA2RC	JA5GOJ	KW1X
NG8T	112	TA7AZC	JA9IWR	LU2AH
NK5K	3C3CA	W7WT	JH4GNE	N2IFA
W0LGQ	7Z1CQ	WB8PKK	J11ZS	N5FPW
W0QKL	G0DTX	WU4B	K0FD	N5TW
W2ZK	G3YFE	XE1ZTW	K4AEN	N7TP
W8LR	GM0SCA		K6JAD	VE7VV
WD0AJG	IK4EWN	110	KA4AHU	W4DVG
WN0L	IS0BQE	AC0B	KB7DT	W6CN
WT9U	JA4RED	AG5Z	M0AQM	W7SMW
XE1EE	JA8WGX	AJ6V	M0MCV	WB5ZAM
YB2BNN	JF3AHI	CT7ANG	N4LS	WC4B
ZS4JAN	JH0LME	DK4MX	N4WD	
	K0XM	EA1BLA	N6RVI	107
113	K4HEB	EI9HX	NN8L	AB7RW
AB1NS	K4ZMV	G4VWI	NW6R	BG8PA
DL2DCX	K4ZRJ	G6MXL	NX1P	DJ5FZ
EA5DPL	K8CJY	HB9BEP	NZ3M	DK2GP
EI2FG	K9KDS	HG6IA	PF7M	DS4OMS
F5EOT	KH6P	IZ1EPM	PV8DX	E73D
F8GB	KY6AA	JF3KOA	SP7ASZ	EA2BFM
G0UII	N0OK	JH1FRW	T88UW	EI5GSB
G4NAQ	N2SO	JR2PAU	W3ATV	IC8XIL
G4YCS	N8AID	JR4DHK	W3GP	JE1CTA
HB9GZE	NQ4A	K3MSB	W4JDS	K0FJ
IU8GNY	S51DV	K4KAL	W5SG	K2FJ
JA2CPD	W1USN	K4RP	W7CB	K2ZD
JA4CSJ	W3WN	K6DJ	W7VP	K3GO
JA5SEY	W4LLP	K6SLO		K4LQ
JF1AZQ	W5GCX	K9TVG	108	K6DLB
JH1GNU	WB2UFF	KF8PD	7M4CLF	K7UWR
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K2KNB	WF4W	N1TQ	AC9DX	KB0EL
K4JDJ	WJ1B	N3YZ	DB9CR	KF2G
K4JLD	WN1M	NZ7Q	DL1TPY	KF6XA
K4TR	ZL3PAH	OE6BME	DL2AMD	KJ4FZ
K5WRE		TF8GX	DL2NAI	LU5OM
K7BWC	111	W1ZZ	DM5TI	N0MHL
K7MO	AK4N	W5JE	DU1IVT	N1UZ
K9DUR	EI9CN	W6TCP	E70X	N18Z
KA5OWI	F8DZY	W7YED	EA5XV	OV2B
KB1OIQ	G4ZWY	W8PE	G5CL	PP5VA
KB2TGU	HB9ECS	W8TE	IK1RKN	RM6LW
KC0V	JA4DLF	W9GFB	JA2DCN	SV3EXP
LU3JVO	JA5EEU	YB1SKR	JA2KGQ	TA1CQ
M0NGN	JE1TNL	YO5QAW	JH1OVY	UX5XK
N6DW	K1RE	ZS5LEE	K1FUG	V31MD
NA9L	K2KYH		K3XO	W5HY
S52R	K5NV*	109	K4GHS	W8JA
SV2DSJ	K8ZEE	AA4RX	K8LBT	W9JJ
VA3AYA	K9JIG	AC8AZ	KC8YG	WB2BXO
VK7ZE	KI2Y	AD7XG	KE3ZT	WB2MKX
W1FC	KM5VI	AF3K	KE7AUB	WC2L
W3JM	N4NYY	DL9QJ	KI4SFT	WM4W
W6BBS	NT5O	F5DBT	KJ2AM	WS7I

WU1U	DL9GTK	JA1CC	K6XJ	W7FS
ZP6CW	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	101
HI7SB	K2GW	N3PW	W7KHZ	AA9D
JA3AOP	K5WE	N4PAJ	W7UV	AB2NI
JA3FRI	K6GCN	N4ZR	W8EH	AB4EJ
JF7NNI	K7CMZ	N8TEM	WA6URY	AB8YZ
JG1XBM	K8FB	N8WXQ	WA8KNE	C31MF
JJ1IRS	KJ8N	NA8W	WC9C	C31MF
K6VWE	KK4MA	OM6CI	YB1ALL	DD8BA
KA9TOX	KR0P	OZ9U	ZL1IM	DD9WG
KI0KN	KZ4EX	PY2YW	102	DL3XAC
KI4NSP	LA9JKA	RV4LC	4X1VF	EA4UV
KM8V	LZ1JZ	VE3ZN	5H8HZ	EA8TZ
KR4U	N2YU	VK3MB	5W1SA	G3VDB
KT5V	N9APK	W0VU	AC0XY	G4GEE
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N4DJT	NC1M	WB4HMA	DL4FDM	IK2HLM
N6UOZ	NK7L	WB7QXU	IC8SQS	JA1KZP
N7MW	OH6IH	WF8Z	IZ7QSS	JA1QEY
N9ZJ	PV8RR	WX0B	JH1IHG	JA5ALE
NG4C	TF1A	YB1BUL	K1MDA	JA5JUG
NI7F	VU2DED	YO6HSU	K2DH	JK3NSD
NS7K	W1PY	ZS6HON	K2DW	K0GEO
PT2DF	WB8LEM	103	K4HR	K3AXB
PY2OC	WD4OHD	AF8P	K6BLG	K3LA
UA0ABB	WF5I	DS5JMG	K6JAV	K5HX
VE3BHZ	WK3A	EA2RY	KA8HDE	K8PGJ
VE3NKS	WZ9B	EI4GNB	KB1AWM	K9GL
VE3XK	YU1LD	EI9GLB	KO3F	KB5YN
VU2MB	YV4EH	FM4LV	N2CJN	KC3OPI
W0TLX	104	HB0RER	N2FY	KC4ZA
W4/KL7GLL	7N4OBV	JA3MAT	N4IR	KD2RUY
W6KF	AA2WC	JF1KIG	N8KOJ	KE9UA
W7GB	AA6XV	J11FXS	NA4D	KJ5RC
WA3IIA	CT3DZ	JP1KHY	NN5O	KU4A
WA8Y	EA4EJP	K0OOK	R9GM	LA3ANA
WV4E	EI3HA	K1FBI	S51MA	M0PTZ
ZL3RIK	F6ARS	K2RNY	SM0XG	M5LRO
105	FM5FJ	K3PIN	US8ZAL	N3CAL
AA2F	G0DRM	K3TXW	VK2GR	N4PF
AI1W	GW0ANA	K4NI	W1GF	NC8I
AP2IA	HA5DI	K4PWS	W1MRH	NJ2X
	HB9BMY	K4SAW	W4GHW	NZ1I
				OZ5JQ

PA3AIN	JE7KCI	NE3K
R2ARR	JG0HEW	NX6D
RZ6MJ	JG3LDD	OM2AGN
SV2BXA	JG5VFK	OR4K
SV4FFL	JN1RFY	OZ1GCT
TG9AKH	JR4VEV	OZ9GA
UA4PK	K1HC	PV8AJ
VA2GA	K1JX	PY5VC
VK4BUI	K1PTF	R2AB
VU2OT	K2UF	UR8IDX
W0ZX	K2UT	VA2EU
W2FDJ	K3NO	VE1JF
W2GHD	K3QB	VE3KKB
W2PD	K3RRR	VR2PX
W3RMS	K4GM	VU2OY
W3SW	K4KYN	W0PPA
W4PM	K4QS	W0RMS
W6OU	K5LLA	W2MW
WB5KSD	K5MMH	W4CG
WD4IXD	K5PSN	W4DFU
WM5H	K5VSD	W4YR
WU6K	K5YE	W5PD
WX7B	K7VL	W5YKU
YB8HZ	K9EA	W6OZI
YO2OXD	KA2F	W9KM
	KA4H	W9ZT
100	KB6IGK	WA2ALY
2E0XAR	KC5N	WA2VJL
9M8DEN	KD1DT	WA3UTC
A41ZZ	KE1IU	WA3YZD
A71EM	KE8NOA	WB0RXQ
AA7UN	KF5MDZ	WB2ZEX
AC0DH	KF5TL	WB6RAB
AD4J	KG4IYS	WB6RJH
AE4VJ	KI0G	WD1M
AK1P	KI3O	WD4GZW
AK4AO	KI4PG	WI0E
DB6VH	KK6MF	WK7W
DC1TK	KL2R	WM4D
DK1MCS	KL7XO	WM9Q
DK7GH	KR4Q	WU1T
DL3ANK	M1EMC	YB6LAY
DL5JH	N0JX	YE1AR
DS4GQR	N0KM	ZS6CR
EA5PS	N0VTZ	
EI4DQ	N1KI	
EI4GJB	N3NVA	
EW4A	N4GOA	
F5JWH	N5CR	
G0GFC	N5LJL	
G4PUQ	N5LKE	
G8GFF	N7WFK	
G8GNI	N7WR	
GW0KRL	N8HM	
IK7NXU	N8URE	
IZ4IRO	N9MKC	
JA7PKV	ND0B	