

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 18 Jul 2026, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348 K2TQC SP5EWY	342 4X4DK JH4IFF JR2KDN K4DY KF2O NN4T	N8DX W9IXX	N3XX OE3GCU SP3EPK W0MHK W1YY WD5COV	K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT7QF W4PK
347 K4CIA K8MFO N4WW W1JR W4DR	341 AA1V DJ6RX DJ9KG G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 JA0EOK JA1BK JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	333 DJ8NK GM3YTS HA5WA IK4DRY JA2KVD JA6BZI JE2URF JH1GZE JI4POR K0IEA K4MWB K6YRA N4AH N9IW PY2SP SM5CEU SP3E UT5UGR W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR	340 CT1EEB DJ2BW* EA8AK JA3FYC K4UTE K9QVB* SM3NRY W2LO	337 AA6YQ AG9S I4AVG JA2JPA JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WB6RSE	334 DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF*	
345 HA0DU OH1XX				
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX				
343 DF3CB K3FN K4MQG K5UR N4CC SP5CJQ VA3DX W3UR	339 DL4MCF JA1UQP JA5EXW JA5MHD K4XO K5RK N4CH	336 AA1QD G0JHC JA1WPX JA5AQC JA5AUC K2FF K5NA*		332 AA7A AD5A DF4PL EA5RM

EU7A	N4JF	JE2LUN	SP7VC	322
EY8MM	N8JV	JH8RZJ	W6RLL	CT1BH
F6BKI	OK1MP*	Ji8DGO	W7AO	EA2IA
HB9BZA	RA3CQ	JJ3PRT	W9OP	F5PAC
I4MKN	SM5CZQ	K9YY	WB4TDH	G0OIL
IK5HHA	SP7GAQ	KW9A		IK4GME
JA0UUA	SP9DWT	N2BJ	324	JA1XEC
JA4DLP	W1ECT	NK1K	AA8CH	JA4FKX
JA7MSQ	W3NO	OE2LCM	AB9V	JA9CWJ
JA9RRH		PY2YP	DK9KX	JJ2LPV
Ji2KXK	329	RZ3AM	DL5DSM	K2UO
K0EU	CT1APE	SM2GCQ	FK8CP	K7NN
N2LT	I4EWH	SM5DJZ*	G0DQS	KU0A
N6JV	IT9DAA	SM6CCO	G4CCZ	KX4R
SP8NR	IV3JVJ	SP1S	HB9BIN	N4DW
UA4HBW	JA2JW	SV8CS	I0WDX	N4NX
W4DKS	JA7KY	UA3AB	JA2DPC	N4QS
W5BPT	JE1SYN	W1RM	JA7JWF	OH1LEU
YU1FW	JF1PUW	W3LL	K0CA*	ON4CD
	JH0INP	WP4U	K5KC	R7DX
	JH1TWT		K5MC	VE1DX
331	K9IR	326	K6FG	VE3LYC
AA1ON	N5AW	EA5BY	N4II	W4FC
DF2RG	NO8D	IK5PWQ	N8BM*	W5CIA
DJ9HX	ON4IQ	IZ0AEG	OE1WEU	W5TCX
EI7BA	OZ1CTK	JA2BDR	OE8HIK	WI8A
GM3POI	SP6M	JF3KON	PA3EWP	
IZ5EKV	W5XX	JF7XKY	PY5EW	321
JH2FXK	WA1JMP	JH3CUL	R3OK	AA4V*
K1HTV	YO9HP	JR3OEH	R3VA	DK1FW
K4CN		K5EK	RV3LO	G3TXF
K9CT	328	LU2NI	W8OI	HB0CC
KV7K	AA5AU	N1NK	W9OL	IK2YCW
LA5IIA	DK5WL	N4JJ*	YV1DIG	JA0GJJ
LZ2DF	DL7MAE	N4PQX		JA3AZD
NI0G	EA3GP	N7RT	323	JH1IFS
NR1R	EA5BM	OZ1AXG	AD1C	JH3VNC
PY5HOT	JA9APS	R5AJ	CT4NH	JH4ADV
R4GM	K0DEQ	UA4CC	HB9HFN	K2VV
RA7A	K4QL	VE2TZT	IK8YTA	OE6MDF
SP6CIK	K8PT	W8DCH	JA1ANR	OE8RT
VE3FF	N3NT	WJ4T*	JA5XAE	ON4AOI
W4UM	RU3FM		JF1KKV	SM6DHU
W5OZI	SL0ZG	325	K4EM	UT7UJ
W8UVZ	SM6CMU	GM3GAV	KF0QR	W3GH*
	SP5DIR	HB9DHK	LA7HJA	W8GC
330	SV1RK	JL1RUC	N5TY*	WB0TEV
DJ2YA	W2IRT	JR2LJO	N5XZ	
DL1AMQ	W5FKX	JR3GWZ	N8RR	320
EA7TV		JR7VHZ	NE1B	DJ5FI
HB9AMO	327	JS2LHI	OH2BLD	DM5EE
IK4BHO	AB4IQ	K8NVR	SM6DHF	G0BLB
IK6DLK	CT1IUA	K9EU	SP5IWA	I2EOW
JA1ADN	DL2OE	KA9CFD	SV1FJA	IK4DRR
JA3EMU	EA1YO	NY0V	UT9FJ	JA2IVK
JF1WPB	I5NPH	SM4EMO		JA3PIS
K3WC	JA5WIZ	SM5KNV		JA8LRG
K4Zyu				

JO7WXN	317	N5OK	OZ4O	ZS1LS
JR2UBS	DK2NG	NN4R	WA5VGI	309
K1LD	DL5WW	OE3EVA	ZS6EZ	JA1EOD
K9MM	HK3W	ON4IZ	312	JA6WJL
KQ8M	IW1ARB	PY2NQ	F3SG	JG4AKL
SP1JRF	JA2ZL	SP3IBS	JA0CRI	K1AR
SP1MGM	JG3LGD	SV2DGH	JA1SYY	K2UU
UY5ZZ	JH1NYM	W7CT	JA1VSL	K8QM
VE3EXY	JR1BAS	WD9DZV	JF8QNF	K9ZO
W1GL	K2RW	314	JN1BMX	NN4SS
W3KX	K5XI	AA5AM	JR6FC	NU8Z
W5WT	K6RO	CT1DKS	K1HT	R9TO
W6XA	K6YUI	EA1N	K3RA	RU3DX
WD0DAN	KE9L	EA6VQ	N1IBM	RX3AGD
YO3APJ	N2NL	G3NDC	N5ORT	UA4LY
319	NQ1K	HB9SLO	RU3QR	VE7IG*
AB3CV	UX1UA	HL2IFR	SP9JZU	W2JU
DJ4AX	W6VX	IZ8FFA	UT2UB	WE9R
EA8AKN	W9RN	JA2AH	W8HW	YB1UUN
IZ8FWN	WX4G	JA2NDQ	311	308
JA2JNA	316	JA9GPG	4X6ZK	A65BR
JA6VQA	DF2UU	JR4OZR	HB9TKS	DL2CHN
JA9TWN	DL6CNG	JR9LKE	IK0PEA	F4BKV
JJ1DHY	I3BUI	JS3CTQ	JA1IZZ	HK4SAN
JN3SAC	IK2QPR	K2LS	JA2VQF	IK4ADE
K6AM	IZ1LBG	K4UEE*	JA2XYO	IU7QBB
KB0EO	JA1XCZ	K5AQ	JA4MRL	JA1SVP
N4DB	JA7QVI	K8AC	JA9FAI	JA7IC
RW3RN	JA8EAT	LA7AFA	JE2LPC	JE2EHP
UA3AP	K1BD	LA7JO	JK1EXO	JH1SJJ
WA7NB	K6KLY	NS6C	JK1GOK	K0GY
318	K8YTO	OE1AZS	K9RX	K8OM
A45XR	K9US	OE1ZL	KM4H	K9MK
AA4HP	KG8P	SM4DDE	PY2XU	K10KB
AC4G	MD0CCE	SV1CNS	UR0MC	KN5O
DL6KR	N5DG	SV1DPI	US5WE	KS1J
G4PWA	SM3VAC	SV1JG	W5ADD	R7NW
JA1GRM	UA3DPM	UA6MF	WB9CIF	UR5EDX
JA4EPE	W7MO	WB8BPU	310	VA5DX
JH1AGU	W9ILY	313	HB9CEX	VU2NKS
JH1QAX	WA2VYA	5B4MF	HL4CJG	W1YM
JH4JNG	YO7LCB	CT1FMX	JA2WYN	W2QO
K2TE	YS1RR	CT1GFK	JG3FEA	W6ENZ
K3WA	YU3AA	IK2RPE	JH7RXU	W9MU
K4HB	315	IZ2AMW	K0KVR	WA8WV
K4IQJ	9H1SP	JA5IU	KC7V	307
K4SO	AA5AT	JF2UPM	LA9AJA	9K2OD
K5BG	AB6QM	JR1BLX	R5DT	DK2JX
K5DU	DL1DUO	K6TA*	RA0FF	F2JD
LA2PA	F5HNQ	K8FL	RL9F	HB9DDO
LB8DC	G3VKW	KG4W	SM2OAN	HB9DDZ
LU3CQ	HA1RB	N4TL	SP6HEQ	I5HOR
SP3CGK	JA8RJE	N8KOL	W0YG	IK0XBX
UX0FF	JR2BJE	N8TR	W4BP	JA1IOA
YB5QZ	K0KX	OE3SGU		

JA1WSK	UY5AA	RK4FD	299	DL1HRN
JA2XW	W5VY	W4QN	DM2DXA	EC3A
JA3GN		W7ZJ	HB9RG	EV1R
JE8CLT	304	W9AJ	IK5RUN	G4GIR
JJ3HGJ	CT1FCX	WA9PIE	IZ4MJP	GM0AXY
JN1RQV	DJ9ON	WD4LBR	JA9FPI	HB9RYZ
K2SHZ	DK5AD		JJ1DWT	IV3YYK
KB1JZU	EI2GLB	301	K0TPP	IW0SAF
KC6AWX*	EU1KY	AA4R	K9SM	IZ0RVI
LU8EKC	JA5BEN	AC0A	N9FN	JH1BNC
NI6T	JA7LGE	AE5E	PY2KP	JH4ALY
OE5RLM	JE1DXC	AJ9C	UA9FAR	JK1TCV
SM5JE*	JF2XGF	EW2A	VE3BW	K0KT
W7DO	K6ND	HB9BOI	W2GG	K8VC
W7OM	K7WP	HP2AT	XE2CQ	LA8PT
W9JA	K8GI	I2MQP*	YO2CMI	N0RB
ZS2DL	N7US	I4KDJ		RA3QK
	N9RS	JA0DIN	298	SM6BZV
306	OH3NHF	JA1LSP	5B4AHJ	SV9COL
DL1KUR	R7FK*	JA1XPQ	DL7BA	UA6YW
DL5EBE		JA2ATE	JA1FQI	W4VIC
I1EIS	303	JA3ENN	JA4ITW	
IK4PLW	E72U	JE1LFX	JF2WGN	295
JA0GCI	EA3GHZ	JE2DZC	JL2JVX	JA1BPA
K5WAF	G3LZQ	JG8FWH	JR7WFC	K5ZK
KD3CQ	G3SVD	K1GG	K2PK	N7RO
N8SNM	HL3IUA	K4SE	K5VIP	N7TY
OH5VT	JG0CQK	LA5LJA	K8EUR	RM0F
R8TX	K7ZA	NA5C	LU4FPZ	SP8HKT
R9FM	KB8VAO	RN3QN	ND0N	W5LT
SM5FUG	LA3WAA	UN6T	WT4Q	W6XK
SV2AEL	OE5BWN	W3RJW	ZL1BYZ	W7AL
UN7JX	RL3FA	WB5JID		
VE3DZ	RW4NN		297	294
W5AJ	SM6CUK	300	4Z4DX	A19L
W5XC	SP2BMX	DL4CF	BA4RF	EA6NB
ZL3JT	SP7HOV	EA1AF	E72A	HA5VZ
	SP7ITB	IW0HQE	E73Y	HA9PP
305	VU2PTT	IZ5RVG	JA3RQ	IK0HFO
AJ6T	W0VX	IZ8VYU	JA9NLE	IT9CVO
CU2AP	W1SKU	JA3EOP	JE7JDL	JA5SUD
DJ4XA	WA3AFS	JA9AA	JH1BAM	JA9IFF
G5LP	WT8C	K0BBC	JM1HJG	JE1GWO
JA7BWT		K3FRK	K3PA	JE3ENP
JE6TSP	302	K6FW	K5DHY	K1DG
JR1DUP	AA8OY	K8GG	K8WK	K1USA
K0JUH	DJ5JH	K8TL	KD0Q	K7ZV
K3XA	DL1TRK	K8VFE	KG7H	KF2DT
K6SIK	F5CQ	KD0PO	KT1J	KZ4V
K9NW	HB9CQK	N4RWG	N7IR	N0KV
MM0EAX	JA1JAT	PA3CSR	UN7LZ	RA1QD
N9AU*	JA7MYQ	PY2VA	W6YI	RU6L
OH8LXT	JJ1TKN	SV1GYG	YO2RR	SV3DCX
PA5TT	JM1FHL	W3OA		UR5WA
PY7DJ	K4MS	W6TC	296	W3JX
RA9CMO	K4XD		AD6W	W9FR
SM3NXS	ON6AA		CT1DOF	

293 4X1RU DL1SMA DS1JFY EA3WD HB9BAT IK8VRH IW1QN JA2CXF JA3XNH JH0BQX K4JAF K5RT N2LM PE1L PY2IQ S55DX W7BEM WA3C WA4FFW	ZL4TT	N6TA OH1ZK SM4CTI UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ	LA0FA LA8HGA NN4X OE1WHC SM0CCM W4UCK WK7E	JA2FCZ JA3BXF JH4HMG JO4CFV N2WB N5GH OZ1IKY SM0NJO SM5ENX W0LS W8KEN WF2S
292 DL5CW DL6JZ EA5AT G8DX HL2WA HL3GOB IZ3ETU JA0DET K7ZD N5LZ N6UK N8II R6AF W6NWS W6SR ZS1A	290 AA4A AA8R CU2DX IZ3ENH JA1KQX JF1NZW JG1OGM JH3GCN K8ROX LA2QM N9DED PP1CZ RD3AW S57AT SK3PY SV3AQR UN7TW W2LK W8AV W9HBH WA1S WB9EEE	287 9M6YBG AA8LL IV3GOW JA5FDJ JA8DNV JE2OVG JR8AMF K0AZ KI5BLU OH1JP R9SA SM5ARL W1VT W4YCH WA6F WN6W	284 7K1PTT AB4SF CT1BWU CT1FPQ EI9FBB GM3YOR JA3DY* JA8CJY JG3SKK JH3KAI JH3SIF SM6CTQ W2AY W4FQT W5ODD W8HC WB2BIN	280 CT1EAV EI6FR IZ4DPV JA6TMU JN7DOS JR6LLN JR7FRW K1CA K4WNW K6BV N2DPF N2JJ NV9L PY2DS SM5CZK US0YA UT7UV VK3HJ W8LGJ WA0MHJ ZS4TX
291 DF2GH EA6ET G0EHO JA1QXC K4ZO KP2A LA3MHA LA5HE LA9VFA N2TN N8LJ N8PW OH4UI VE3CFK W1EQ W1OPD W8TN	289 DL9TJ I1FQH JA8EJO JG1WSC JH1HHC JH4GJR K0TT K3UL KK0M KQ4AV OE2GEN PU2POP R0FA VE3EK W8BBQ W9YSX	286 AB5A CT3HF DL2VPO GM3PPE IK0AGU IZ8XQC JA2FGL K1LPS K1RO K5PS LA9GX VE1JBC W3GQ W6PJ W8AXI W9MJ WS5W	283 HK1MW JA1RTX JL1XMN OE8SPW ON5UE SA0AQT W1LW W5ZG W6BJH	279 HL4GAV JA6QHQ JA7HRM JE8TGI JH7BKN JK1UNZ SV1FJP WO7R
	288 AA6AA CT3MD EA5KA JA2JRG JA2XCR K0GD K1DT K3WW K4RG LZ2JE N3VA N4LR	285 DL2SWN EA3GHQ IZ8DFO JA0PE JA2IYJ JA2VMU K6GXO K6PJ KJ6P	282 JA5BGA JH3FHQ K5UO N4JQQ N6PSE NA5DX NT0V* PC3T UA0BA W4OX XE1KK	278 9A4T EA8RR EI9JF F2NH F5PBM JA4VLK K2UR N4HB N9ISN N9RD

ND4X OZ4VW RN9N SM4AZQ VE3CRG W4MAY W8MHW	N7KA NF1G NU1B OE3HWC SV5DKL W7MEM WA0RVK XE1MEX	K9FN KB1EFS KI4GE N5BO OE5FIN PA0ZH PY2WC SM7IUN SV1ACK W0JM W1MK W2OO W3AP W3ICM W5DM WL7E	IS0AFM JA1OVF JA1VLK JP1NWZ JR3UIC KR0P LA6UL NW7E OM4EX SM5FWW YB1AR	WB3LHD WQ6Q 265 4F2KWT G3SBP G3UAS G3WPH JA3WLN JA4FM JE2UFF JH1ACA JR1WCT K2CBI N5KM N9JV VE3SKX W9JJB
277 DS5TOS EI8IU F5UJK JA8EOT JE2RDO K2AJY K8UT N6RV ON4CAS UW2ZM W1KSZ W1YRC W2PP W3BW W8RLS	274 7M4AOE EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K2KA K2SN K3PT K6UM K8DV K9MBQ KA8SYV KA8ZPE KS3F RA5BM SP6JIU SV9AHZ UA3ECJ VE3YF W0EWM* W8QZA/QRP	271 AA4FL IK2DZN IZ8EJB JA8FFM JH1OCC K3PU K8RRT LA5SJA N4UOZ N7XR UA3TT W7Yaq WV9L	268 JA1IAZ JA1NWD JA1VRU JH2VVH K1MAA* KD4W KH6M N2AJ N3RC N5JB N5ZC NT5V SM6BGG W2FV W6RS W9OO WA1YTW	264 4Z1UF EA1KP EA3EQT EC1AIJ F6DBX IK8UHA IZ0NRG JA1SKE JF2WXS JR4LNG N1EN N1GC N8OC OH7TV PA7TWO SV1CQN VE6AX W5PF WV4TN*
276 DK3WW HB9BUN HB9LCW IZ5BAM JA6GPR JA7FWR JA7LMZ JA8UIV K6EME K6IPM LB2TB N5MOA NK0S OZ1LCG PA7RA RX4HZ SM5CLE UN3G W1ZT W2OIB W3ACO W5GO	273 CT3KN DL9FCY EI2CN JA1KPH JA2TBS JA6BEE JM2RUV N4IG N4QQ OZ1ACB RW7M VK3BDX W4HG	270 BA4MY DK8MCT EA1KY F6HLC F9XL G4XEE HB9DHG HL3AMO IK0UTM IW7DVM K0BJ K5VWW K7UA K9JF KG9Z VE6LB W0FLS W6TMD	267 DL4DW EA5RD HB9MFM JA2QXP JA7BEW K7XB N7BT OH2IS SM5BMB W2XI W6DR WS9V	263 DK4TP DM2RM EA3CJ EA4DL HA5PT HA7UW JA2FBC JA7XBG JJ1BMB JK1VXE JN1NBU K1KO K4KAY K8FH KN6KI N1RR
275 DH2PC DS5ACV IV3VBM JE1BMJ JF2VAX JI3CJP KA1ERL	272 AF9H I5OYY IK5PWN JF1LMB JH1OBS K1UU K7EG K8BL	269 CT3CD HB9IQB IK7FPV IK8EPC	266 GU0SUP HB9EFK IK4AUy K0DD K8AJS N1API PZ5RA RA4CA SV1HEP W8MET WB2GAI	

NA5Q PY2MC W0GG W1KDA WA4LOX XE2X ZS6NJ	EA9IE FG5FR JA3VPA JE1HRC JH1DGJ JH3FUK JH4ADK JJ2WOC K1EFI K1ESE K8YSE LY1G N6MZ PY5IP SK7AX SP6A TG9NX WV8DX	EA7SG EB3CW HL2CFY IK2PZC JA1EMQ JA6OXT JE1PNX K1SM N6HC RU1AB SV1VS W3FI W8MJ	HB9DVO IZ5YHD JA0KJD JH1IED JH1VUO K0GW K3EA K3SEW KI1U LA5YJ NE8P UA3O W7HPW W8IW WB4KTF WV6E	251 9A4W DL2RTL EI2HY HB9EBM I0JBL IK0LNN JH1UBK K4VIG K5IB K8CW KJ7TEA N4SC N5UL NF4A SM3LGO SM5FQQ VE3YV W2JLK W4SK W5GAI
262 CU3EJ HI8R I5REA JA8BAR JR7GBL K8AV LA9FFA N0RN N1SV NH6T/W4 NK4L NV4B NX0I TZ4AM W2/CT1GIF W6JZ W7LGG W7QDM W9PZT WA3GFM WB8ART YB2DX	259 DJ8NT DL9GTB EW1BA HL3DE JA8BNP K2UFM KZ5DX NI3P PY5CC SV1FKZ VK4CAG W2TB W7AH W8CZN	256 BH4QYX EC1A F4GVO FG8OJ IK4HPU JA1PBV JH1APK JH1RGG K4JJW K6EID K7GM KB9DAK M0TTB VK3NX W8JRK WB7B	253 AA3LX AC9O EA4DEI FG4NO HL2EIZ JA1DDZ JA6IVR JA8XQI JJ1QUV K6MKF KE1F KM6HB KV4T N4QWZ N6KZ UA0FO W6RW WF4U YB0COU YL2KF	250 AC9EM DJ9RR G8AJM HA7TM IK2DUW JH3GFA JH6PFY JL1MWI JR0EQQ JR5JAQ K1KA K3NQ K7KB K9YC K9ZM KA9UVY KF7F KQ3F KS4YT LB5WB PA0JSE PY2FN SV8CKM W4PNY W7IU WA8MCD
261 7K1CPT DK3PZ F1ICS IZ8IEV JA3FHL JE1VTZ JH2PWY K2FW K7LJ KF9UG KI4DLS KM1D N6PM N9UA OM8FR SM7CQY W6DE W8GNM WA5LFD ZS6WB*	258 CU3EQ DH0GSU DK7YY E21EIC EA1RT JA9AGN JR4LZX KH2L W1SSN W2GW W4LSC* W5JAY W9EWZ ZL2IFB	255 AA7G AF5CC AI6Z F6ECI HC1BI IV3TMM JK1OPL K1FEV K6ZZ KR4F LU6ETB N1RK VR2XMT VU2CPL W0QQ W8OP W9FI WA4CEM	252 DL7UPN G3KWK G3NKC HL2KV IV3KFB JA1BNW JA4HAW JF3PNQ JF6XQJ JH4CBM JL1BYZ JR1VAY K5FZ W2ZI W3ABT W7CA WA4JQS	249 AA9RR AJ4A IZ8GGF JH8GEU K9NR N3KN
260 AA9A EA8MT	257 6K5YIA AF4HX AK5X DJ0UT EA1JO	254 AG1A BA7IO CT1BWW G4FKA		

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N9PGG		JH1ERJ	IZ2FOS	KS4S
OZ5NJ	245	JH1WJR	JA0LXP	KU8X
SM4OLL	AJ8MH	JR1MLU	JA6CBG	KV4AA
UN3GX	EA5B	K3WWT	JA7KE	N4GN
W0RX	JA3QOS	K4PB	JA9NFO	N6IE
W8IQ	JA6AVT	K4QE	K2RU	OE2BZL
W9RC	JF1WLK	K4YJ	K2XF	OH3OJ
WA2USA	JJ6DGP	K7FEL	N8SHZ	PA0TCA
WB8K	JL3OUW	KJ7M	WA6JA	W0HBH
XE2D	K1XV	N2NS		W2YR
YB1RUS	K9GA	N4XYZ	238	W4GIW
	KF7PG	N6HY	IK2GAJ	WA1PMA
248	N0AH	NA9Q	JF0JYR	WY6N
DS5DNO	N2NW	RC2A	K4JC	YB2TX
G3KMQ	N4IQ	SM0DSF	K9OR	
G3VPW	N9JR		KA4RRU	235
HB9DOT	NJ7G	241	M0CSD	EA7QW
HB9JOE	NZ3O	AB5C	N4PJ	EU1U
JE2VLG	OE3KLU	JH0OX5	SP5ES	JE1IBI
JJ1SKG	S55ZZ	JP1IOF	W3MR	K0EOO
N4XP	VE7TK	K0VSH	W4KA	K5CWR
SV1IW	YB0NFL	K2NV	W5LO	K8ZM
VU24DX		K4KGG	W5UQ	N2FF
W8FIB	244	K9JU	WA4QMQ	NA5Z
	DL8SDC	KV1E	WB0TVY	NW4M
247	HL5BMX	N9SF	ZL4AS	TA1CM
AK5Q	JA1CZI	NY1V		W7YW
CT1FUH	J16IHG	W5DNT	237	
JE2EBT	K0KG	W5QM	CT1BOY	234
JK7LXU	K1YR	YB1TQL	G0VXE	DF7EE
JR3VMJ	K8EAB		HB9CXZ	DK2CC
K1PL	KK1W	240	HB9HBZ	EA5DFV
K2TER	PA3BWD	G7SSE	IW9DNI	HB9BYQ
K3VAT	W4REX	IW3GJF	JH1DGQ	HS1NGR
NA9RB	W5PJR	JA1DM*	JR0QFA	I0LYO
NE6I	W9DX	JA2FSM	K1RV	JA2OLJ
OZ7FOC	W9MO	JA3NHL	KX2A	JK1BSM
S51NM	WA3F	JH5HDA	N0ODK	K0VM
VU2CDP		KE8UM	SM0MPV	K4MF
W7IB	243	KF0LA	UN9L	KE5FXE
WC3W	G4XRV	KK9H	W2DXE	ND4V
WX2U	JA1MZL	N0ABA	W8BLA	W3WST
	JA2EPW	N4HID	W8UN	W7HR
246	JE0ART	PY2GG	WA0ROI	WA5UA
GW4TSG	JF2OZH	SP5LKJ	WB8B	WB0O
IZ0BVU	JS6TWW	SV8DOU	WB8ZRL	
JG3RWX	K8ME	UX5UO	YO3JF	233
JK1WSH	N4OA	W0SZ		AA9GR
K8YYY	W1BR	W5RF	236	DS3HWS
KB6CIO	W4LEW	W8WEJ	HB9ZS	EA5AR
KC9K	WE1P	W9LN	JA1HOM	HB9VAB
VU2DCC	XE1RBV	WC2K	JA1JYE	JH1SOD
W1KMA		WE4S	JA3KNN	JJ2KDZ
W4GE	242		JN1NOP	K8BN
W5ZO	EI9FVB	239	K1ACL	N4TOL
W6AER	JA1OVD	HB9DQV	KK0DX	N9BX

NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF

232

AH0U
DL8DWL
EW4C
G3XLF
HB9BNQ
HL2ZN
JA5NPV
JH6DUL
K2HAT
K3SF
K4ST
K5CD
K5FNQ
KB1DMX
N3PS
NY2NY
RQ3A
W6CYX
W9ZCL

231

AD5WB
DK6OR
IK1IYU
JA2VHO
JF1MTV
JH0AWC
KD6UO
LZ2XF
NA4EA
SM7NDX
W4UDH

230

G3LUW
JH7WQX
JI1VVB
K2SY
K9WX
KR6C
SM7WVZ
VE7BV
W2KA
W8LMG
W8WVM
W9YE
WB2NPY
WW8W

229

AE0P
DS4GKF
G7IRN
HB9HVG
JA7QQQ
K0HD
K3FM
K4CMS
KD1F
KK4OK
KW1DX
N2SQW
N4NW
UR5FEO
W1WC
YB1TJ

228

7J1ADJ
AA0MZ
F1RAF
F5LIW
IV3FFI
JA4CZM
JE2KSM
JF1RYU
K4SX
KE0A
KE4UW
KE6V
RA3QUA
VR2CH
W1LE
W5GA

227

DF8FT
DL2RUM
HB9HIT
I0MWI
JA0DWY
JK1SQI
K0IL
K0NV
K1GE
K5GH
K9GWH
KA1J
N1NU
N6OJ
SP7ICE
W4DEE
W5SL
WA9GON
YE4FNN

226

AC4VM
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JG1JPE
JQ1YIW
K2BA
K2SD
K9TF
LB6KC
LU4FW
N2KX
N4SV
N5ET
N6BM
N9AOL
NA2AA
NG7M
TF3DC

225

AA8SW
DK5RL
DS4AOW
EA2AFV
EA2AGV
EU1M
IV3AVQ
JA0EVI
JH8NQV
JJ1JMZ
K0OK
K1JIU
K4JWA
K5YU
KN4PPD
MU0FAL
W0FG
W5GZ
W5TFW
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W8UV
W9KVR
YO9FNP

224

E70T
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N7WO
RW4CY
SM7BHH
SP6AXW

V51B
W5THT
W6UC
W7NN
WB0ULX
WB7BBQ
WN6K
ZS2Y

223

AB4UF
AF2C
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I8MTQ
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IK2RZP
IZ8MBW
JE4RAL
JP1GUW
JR0AMD
K6IPV
KD2T
KI6CG
KW4V
N4ENE
W6GRV
WC4H
YL2TW

222

DJ9SO
DL5XL
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KK2M
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RA4P
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W4WN

221

EA2AAZ
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K5ZQ
KK4OW
KU4XO

NJ3K
RU0SN
W0BM
WA0WWW
WB0N

220

AA4LR
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IT9ODQ
K1DJ
K1NTR
K1TZQ
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K6MM
K7AWB
KO8SCA
KZ9DX
ON4ATW
UR4IOR
VA7ZT
VE6TL
WA9BZW

219

DF2UA
F5JSD
IK5QPS
JA1FJJ
JR7ILA
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KG6I
KI7AO
KR2Q
KU4BP
N1KC
N2ZA
N6DX
NN9X
W5DAW
WA3I
WQ5R

218

DL2NOM
DL4NBE
G4VMX
HL5OC
I7PXV
JA7FAS
JH1FVE

K3DFL K5ALQ KB2FCV KE3D LB2HG N4JT N8AYY N9KW W3BJ WA2NPD WB8BZK	KO6KD N8NN NU1O W0TT W1JGS W4IS W6HDG W6KK W6SL W7JY* WA6HBR ZL2AL	211 BV1EK JJ1KZZ JO4JDU JR1JGA K0KP KT2C M0HIH N1BY NY6C SM5ACQ VR2XLN W6WF	K7PT KW4CQ KZ1W N4HN N6ZN NN5E NW6S PY2RN W1FA W5FPT WA6G ZS1J	W7IUO WA3WZR
217 7L2QAD AA4UC JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH KK8MM N4FN N6QI ND3L OZ0J W0TM WB6CJT WI7P WW2DX YO3IPR	214 3A2MW DJ3AS JA7DPC JI1WLL K0QQ K2AZ KD1AB N6PEQ PY2RO W0KCJ WB6BFG WY1G	210 CU3AN JE1PHH JH6RTO KD8RQE LA6OP N4TD N8BK S54A W0UC W5WP W7FP W9IL WK8A YB0DJ	207 9K2BM DG5LAC HI3T JA7MAD JE3EDJ K0PX K4GO K6ZP K9FZ* KB5HC KE1VT KK9T M0IKW N9AKR OE1JIS ON4ANN RD9M VA3OKG VK2CA W1MJB W9QO WA9DU YB0MWM	205 AC9S DL6UNF GM0VRP JA0CIU JA4DHN JA7JM JA7MNF JO3WHB K4YYL KI4WCQ KL0S KM4VI N2KI VU2LBW WA4MME XE1J*
216 CX2CC DJ3XG I5XFD IT9AAI K5VR K7LV KR4W KT4AC N7WS NC4RB PS8ACL SM7GIB W0SR WB3D WS1L	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JR1EFG K9SG KD4SN N8GP NA2M* VK3FM	209 DF3EC DL4FAP JA6ENL JH1FNU JM1SZY K3NF KB4MRX KQ5M N9XX NW7US PU1KGG SM5BNK W1AW W5AAJ W6DCK W8HMK	206 7N4SQJ AG5W CT1HHP HB9CRV IK3GBG IZ0GYP IZ4DIW IZ5FSA IZ5MOQ JA4DNC JF1IRW K0MN* K1VI K8NK KK5OQ N7NF N8BJQ NJ1H	204 JF1KML JL1GYZ KM9E N5QS N7ELL NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
215 9H1EJ AA7XT HB9IIO JS6QOM JT1BV K1ZJA K2XB* KF4NEF	212 F4WDL JA1BWA JA3LDH JP1LRT JR2PZX KC2SST KL7TC OH2LHE PP7LL SM5AOG VK5GR W2CQ WB9PNU WK4Y*	208 7N3IJT G3WW HP2NG JH0NOS K0THN K2PF* K4WES K5RJ		203 EA5HM F5NBX IK2RGT IZ0BTV JA7JPZ JH8NBJ K0CS K2CYS K4JKB K4OY K5DCW K8YE K9OW KA1DJ KB7AK KM7R N4TV N6PAT W3BNN WA3FRP

202 AE4M IK5BOH/2 JF2TJJ JR1IZM N8WD PT2ADM W3NS W4RDX W7TUS W7VY WE2N WN7J	N2RR PB9FN V51YJ W9RXJ WB4YDL	EI5GSB JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T	F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE	SM0BYD WA8LRW WB4GLI
201 GI4OWA IZ0CKJ JA2MNB K0MFI K6TAR N4PYI OV5O RT5A W1OP W6AEA	198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI	194 A65BD EA1WH EA5ZR EA6LP JK1DDG K1LT KP3AH KR8T SP6EII W2OR W4DC W5UHQ W7PAQ WA1NXC	191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG KM4HQE N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W2CG W4AEJ W6DPD YB4CHP
200 AJ8B DK1NAL HB9AGO HB9FBG IZ8EKL JA3EY K3HW KC6JAM LA7EIA N1IA PY3VB VK2HV VK6LC W2NY W3ML W9WO WB9W ZS1DX	197 4X4MF BA4TB EA1DLU K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV SP5IXS SP9IZV TF3VS W8NN XE1YD	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS K7UT K8ZT/QRP KD0AA N6MXU OH3PYY OT1A	188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE OZ9XU WV4V YO2DFA
199 AA3TH AC0X AD4AA DL5EBS DM6MA I4UUL JH0RVY K4VNY K9AQ MU0GSY	196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JA5AFW K1JD KA5JSM N2GZ N3QE NA9A OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL	192 4X6KJ AD0K		187 AF6PK K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV
	195 CT1ELF			186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ K4WM K5EWS

K5QX K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K7LAZ KG4JSZ KS0JD LA5LT N8NA N8NB NG9J VU3CAU W6FL W6SFK W7WZ	JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* SP5ELW VU2MSA W0ZS W1HS W4CCS W4GHW W4TUN	KK7YC KT8D N1JP VE1VOX WA3GNW WD4IXD	LA9VBA N5PA N7HN N9ATF N9DR NA6O NC7B NX2X SM0EUI W2PD W7VAS WC4X WY7FD
185 IU0ICA IZ2EWR JA3UOQ K3PP KE5BR KQ4EE NZ5O OZ3SM UN7BK VK2AAH W0QC W2WG	181 EA6UE EI3CTB IZ4AIB JA1SZN JH8FIH K1XE K3VAR K5UZ KY6R N0SL N1HO N6VS NV4A PJ4/NA2AA UA9AEU W5JMW WB9B WC0W	178 AC0DQ EA8AXT IW0BYL JA1ERB JE3FOR JK1EBA K1ZE KL7TS KU1T KW9U N4MI W7HUY WB6AXD	175 4O3A IW1PUR JA1PVX K1ROA K4WY K6NR KD4POJ KF6HI KN7D KW4J N7GCO N7NG NS3L UA1OM UA9AGX VU2YYF YB1RKT	172 AA5N G6MXL HL1MKT JF3VEC K5TA KD3HN LZ1XL N3AO N4BAF N6VH NC1M W1ASB W9CSX YB4IR ZL3RJ
184 AD6ZJ AE5FM EA5RU EI1DG G4AYU IK0HBN JG1DUZ JL1JVT K0RAR K3JM K8EB KD2SC N4MIK N8JS NW7M SM2EJE UT7KF W6BK WB2HJV WB3BFC WB5STU WX0Z	180 A61BK AA4AK IK1ZNM JE3PCP JH1IZR K8SL KI6MQX NA5S VR2XYL W4DSM	177 4X6UU IW8CGX JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* N7JB SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	174 AG4Q DL5KUA JK1NPH JL6USD JR3TOE K0PC K5CR K9HQM K9UQN KN7Y N7NW N9IO W5WI W7JET WA4BIM WA4NUF WB8QZM	171 AD3C CT2GZE DL5MM F9CI G0THF HK3PJ IW5EIJ K2TV K4NTO KB0V KC5LK KP4DKE N7WI N8WRL ON6MX W0MU WA4DOU WA5KBH
183 JA2KSP JA3UNA JA4GXS JE4CIL JF1LZQ K6LRN W6TK WA7BNG YB2TS	179 AA5TL AB4GE DL5MHQ G0OSK JA1BON JA3EEM	176 DL6NW F4FLF HL1VAU JR1FHP K2RET K7CTV K7STO	173 AB6CF AE0MO AI9U EA3HDZ HB9DVZ JA5MOO JJ1BDX JQ1PCX K6UNE K8JE K9QJ	170 AC0W AD5MD DL2JIM EI5KO EI6AL

JA1GVT	VR2MY	LA2XPA	VA2LC	K7LY
JG1GJH	WL7OU	N1QY	W1OK	KM2E
JJ0LZQ		N2RJ	W1XV	KM2O
K3GT	167	N3KS	W8FN	N0IW
K4SAF	JA8BOV	PT2ND	W8MIL	N4MEC
K6JJ	K3GGN	RA0BA	XE2YWH	N5WA
K7CU	KB8NTY	RL3BZ	YO3DDZ	N8IL
LA2GH	KE3X	VK3TC		NI5F
LB7ZG	KH6XT	W2FS	162	W1TO
N3WD	N1ZJ	W4CIR	4F1OZ	W9FF
N4VN	N4PL	W4DWS	AB1J	W9NIO*
N6EM	N8OQ	WB2WPM	BH4IGO	YO8CRU
N8VV	NF7D		DJ7JC	ZS1C
NJ6W	NZ3M	164	DS3EXX	ZS6RJ
NX4TT	PY2SEX	AC4BT	HB9GWJ	
SP7QHR	WA0SXV	CT3DL	HS8KAY	159
VE1OP	WA5NFC	DL7JRD	JG2LGM	AA3AZ
VE2YG		EI6IZ	JR4CZM	AD0TR
W0OGH	166	IZ0GVZ	K2HT	DD0VE
W4PGM	AL7R	JE2DOD	KC4HN	DK8IZ
WA4USA	DL1SVA	JR7XOD	LX2SM	EA1P
WA9IVH	GM7NZI	K6CF	NP3CW	IK0WMJ
YO4AUL	HL4XM	K6GFJ	NS4X	IZ0FUW
	JA0NZR	KA1API	OE6BME	JA0ED
169	JG3KMT	KD8MQY	W4NBS	JG1WNO
DM3CW	JR6GHN	N2XQM	WA1LAD	K0IO
HB9GIV	K0FLY	NA2P		KN6VTC
JA1KXT	K0SRL	PT7DX	161	KO4DKI
K1EDG	KN4FO	S50B	9M8DEN	LA8ZAA
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K9OT	KR4DA	W6SIY	JA1IHD	N4GBK
KI2D	NU4Y	WA5CMI*	JP7FSO	N4VG
N5MT	SV2CLJ		K0YL	NE5S
N5SIX	VA7DX	163	K2OP	TF4M
N6MB	W3DIY	AA4OC	K3GW	VA3NXM
RD3BD	W4PGC	AI4QQ	K4AR	W1EBM
SV1IZY	W8SAX	AK9B	KM4A	W4MA
W0AIH*	WA1ZIC	EA1AZ	N7QT	WD5BJT
W7IAN*	WA5NOM	F4CPF	N7VZ	XE1MW
WA6QGH	WB3JFS	HA5BSW	NA6XX	ZS6C*
WB8EKG	YO3AIS	IU5RTR	NA7RH	
	ZS6IR	IW0ECV	OH3DP	158
168		JA0MRW	OK2ZDL	9J2BS
A92IO	165	JH1BHW	SM3PHM	G4SGX
EW1P	AG6HE	K0ABC	SP2LLP	IK3DVY
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JA4FKO	EI5JL	K3GO	W6DOE	K4HQB
JH1ORA	HB9MXV	K4GN	W9GG	K5DXR
JH3EQP	IK0XIH	KE1B		K8GWU
KB7QFE	JE4WOK	KW4MM	160	KB2XJ
KF0RQ	JR1KBJ	LA1CO	AB2E	KF7NN
KF9LI	JR6LDE	N0AMI	EA7LS	KJ7NO
LU8ADX	K3VPZ	N4KM	F1OBJ	KV7N
LX1CW	KC3AK	N7KDT	JA1ITJ	M0MCV
OE1ALW	KG4CUY	N9LEO	JA1UOA	N4XXM
R4FAN	KG5NP	R3IS	JM1JZN	N6MM*
SV1XV	KO4PRE	SM7CZL	JR1CAD	N8TFD

PY2CP
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WB9ZNZ
WT2P

157

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156

AA4DD
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JH2AJY
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N7RD
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WA1KXV

155

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YB1AYO

154

AC8TO
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VE3FAC
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WA9MAG

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K9MMS
K9UWY
K9YZ
KC9WPS
KK4XL
N0VVV
N5JED
OH3FVP
SP5NON
W8PE
W8VK
WB4SON

152

AC6BW
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IK5BSC
K2EK
K4RDU
KD2OV
KE9S
N2TC
N9GKE
NJ1Q
ON4LG
ON8PHD
R9JX
W6RFF
YV4DYJ

151

AE5B
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JE1COB
J13BFC
K1IG
K1QN
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K9AAA
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NU4I
SM0NUE
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VA3HP
W3HER
W5WLA
W6WA
WA9JWL
WB1DX
WC2C

150

DK3BK
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IT9ABN
IW7EDZ
IZ0FYW
IZ2MHT
JA7GZM
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K6VVK
K9RT
KI7M
KX5U
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NC6RJ
NM4SH
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VU2NXM
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WA1W
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149

7N2JZT
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RT0F
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WB1ASL
WF7T
XE2B

148

4F3BZ
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W3IZ
W4AFB
W4AG
W8VI
W9GM
W9MAK

147

AB9KZ
DL6DCD
EI7GY
G3VQO
IS0/YO3RA
JK1OTP
K8MRT
KB9LIE
SV8RX
VR2VGM
W3KN
W3NRJ
WB8TGY

146

AB9BH
EA4D
G3LAS*
HP3TA
JA3KWZ
JK1AKA
K7QBO
K8ARY
K8POM
K9AAN
KM8AM
N1BRL
N4KEB
N6FS
N6RK
N9MR*
N9XG
SM3DXC
VE3NKS
WA2MUA
WA3SKQ
WW8RT
WY9V
YB1BML
ZS6UT

145 5T5PA AA5H AC7JM AL7TC EA4S IZ2CSX JA5SEY JH1CTV JJ1OKK K3EJ K5FXB K6CW K7YMG KF4JHG KS0M N6KK W2RS* W7NP WR7Q	N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	W7SX W9BS WW6G YB3MM	137 DL2RD G3PSM JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KI0HA KM4CQG KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W4VG W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	JL2ULM JM1CMA K4OP K5SES NX8Y S53MJ W5IO W7QHE WA7HR WB3AVD WB6FWS WB9IWN WO5I WT3Q WU1U YO3GJC
144 AD7Z EI7JZ GM0VIT JR1HYA K1TKL K8OS KS8W N5PD N5UE N9MSG RN0C UY2UZ WB1S WX2CX WX3P	142 HB9TJG JA1PUK JI1UHZ K1AJ K4AU KA6BIM KE7BMG LA1J N5RN W8WV	139 F5VML F6FHZ HB9DTE HL4CBX K0QB K2IRM K2WJ K5KEW K9TRV KB8KIM KX4I M1EMC N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB* W4EJG WA5YNB ZL3TE	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE NT9F ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	134 AB0RX EA6AZ HB9PUE IZ8DEO JA6GXP JF2OHQ JH7RTQ K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KC2STA KF5WCP KN4OK LB5GI N1AH N6DW N6XT SM3WMU W2KNG W4UAT XE2AD
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K6LPO K9BQL K9MQ KE4FW KG6D KI4R KJ4R KN7K LB2TG N2YBB N4UP	140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N7TW NS0D NZ9Z* PA0QRB VA6SZ W5VU	138 AC5AA DL5KUT DL5ZB DS3EXT EA3NG G0FWX GM1TBW JA0CVC JA1VRY JA6NQT JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KU9S N3PV N9BVA OD5YA PV8ABC V31CQ VE3MSC W0UHL WA5POK	135 AB4FH DL4ZAB DL6WM GM1BSG GM5YTT HZ1GW IW1GEU JA1DCK JA3MIO JA7MWC JJ1HLL	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD JA5IBP JM1JIV K6ME KD0KZE KG6WIK

KI4TZ	W5EC	IZ1UKF	VE3EDY	WA4TMJ
LA9KY		JH1AWJ	VU2TMP	WM4AA
N1BKB	130	JH4GXE	W0MF	WR2G
N3HYB	AA4QE	K0MD	WB2KSP	ZL3PAH
N5EI	DL1SWN	K6OJ	WB9TFH	
OH4KRN	JA2LMY	K7PTC	WC2L	124
OH7HM	JH3PRR	K9YKL		DJ3EJ
VU2ABS	JL4BSE	KC2THY	126	EC4KW
W1GY	K0BX*	KC2WUF	EI4HH	EI8IQ
W2FDM	K2MHE	KD5R	IK4TVP	G4RGK
W3GP	KB4DSL	KK7BR	IU8GNY	IT9YOZ
W3MF	KB7V	LU6XQB	JA5CDL	IZ5BYJ
W6OUL	KD4CM	N0JR	JA5XPD	JA3AOP
W9SE	KG2U	R3BB	JA8WGX	K3SUI
	KN4JX	TF3MH	K0AIZ	K7HC
132	N0YO	UR9IDX	K2GLS	KB8DID
7L3SQL	N2YF	W0QD	K3LL	KC2NJ
AA4FU	N6BDX	W5MF	K5KDX	KC4AA
AK3E	NS4F	W6IS	K5WRE	KD9ZR
AK6I	OZ6TL	W8BI	K7PO	KE8NOA
I8NLC	PU4MMZ	W9EBO	K8GT	KK4TKJ
IZ0COI	W1MO	W9TO	K9QA	KV8P
JA9KRO	W4BH	WA2BOT	KC5RR	KY6AA
K4BNF	W9CTJ	WA4UWD	KK4CB	N1SZ
KG8OU	WB8RFB	WC4V	N1GNB	N4LSJ
KI7HO	YO8PS	WP4CQ	N5HC	N5VBK
KK5ID		WQ1H	N8YQX	NT4K
M3DFW	129	YB0AZ	NC7M	W0DD
N3TR	AD6KQ	ZS6AKU	PV8AJ	W6ND
N4EDT	AE7U		VE3TMG	WF5I
N4QOG	CR7BRV	127	VK2DAG	WW5L
NN3V	DS4EJA	7Z1HL	W8PAT	ZL3REX
ON6YH	DS4OMS	AG4TO	W9COS	ZS6NK
OR4K	IK8PGE	DJ5DT	XE3E	
OZ3SK*	JA1PLT	DL5FAC		123
SM7DXQ	JA2ACI	EA4TX	125	AB4BJ
UW7UA	JA3WMS	EI4BZ	AB5GU	A15EG
W3KHZ	JH1RFM	HK6K	AC4XO	DJ6OZ
W4MC	JN1SUT	I2YPY	AF8C	DS4DBF
W5FL	K4CNF	JA0BES	EI8GS	G6NHU
W7FI	K7ORK	JE2VYM	G4EHT	IK0XKP
WA1HXX	KB4KBS	JG1LRE	IZ8EYN	IZ8LMA
ZS1EL	KS4WA	JG5DHX	JP1GVC	JA1GLE
	KX7L	JH1HRJ	K1FUG	JA2HOL
131	N9AVC	J11MNT	K4TG	JH1RVQ
JA9EJG	SM2YIP	JJ2VLY	K5NOF	JL3RNZ
JH1IYY	VK5CE	JR1LZK	K8YAH*	K2JGL
JK8VMB	W7TG	K2GW	K9ARZ	KB1W
K0ARM	WU7X	K7LFY	KK5J	KE7AUB
K7GA	XE1ILI	KF3N	NN6CH	KG4OJT
KA5IAU		LA2LI	SM5AFU	KN9N
KD2NF	128	N0AB	W0XE	LA2XNA
KN4WOJ	A71XX	N0DL	W3ATV	N1ECC
M0NGN	EA1AHA	N1BZ	W4AO	N1GFV
N0AKC	EI3IO	N3GTG	W5CWQ	N6DVR
NG4DX	F4GTB	NA1RL	W6ELI	N9RE
NN6K	HL2DBP	ON5EQ	W6PG	OH3TY

PY2ADR SV7CUD VE3VHH VU3WUA W2ARP W2WGK W4UT YB9WZJ	PP2FN TA1L TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D	F5BAR HL2MHU JA6JYM K0FJ K2CQW K7LOL LU9DO N8ERL N8LCU SV1BYI SV2KF VK7AP W1ZK W6ZPL W8EOG W9JJ WF8Z WJ1B ZL2AO	HB9MZI IS0BZR IZ7QFN JA9KA JM3GXU K0FF K3UT K4AEH K9LCR KA4AHU KB2S KB5CSQ KE9V KG5POL KO4PY KP4ED KZ1X N2IFA N8AGU NG0G VE7NY W3LWH W4ARK W4PG WA6VZN WB4MM WB9WHQ YO6HOY	W9LU WA4VJK WT9U WW5RC 115 AA9WO AF7WM E74A HL4RBR IW2FLB JA0NPQ JA2KGQ JH8LEY K1RE K8CR KB4CRT KG4URP KW1X MM1PTT N7PIB NE1RD NW6V OE5MPL SP5BMU W4OV W5WS WJ5K WS4H
122 AA0BH AA5B AB5YI DL6LZM G0HSA HC1HN JA9ALR K0HQW K3DQB K4VAC K5TU K7BWC K9KJ KB4ET N0UCR N4GRC N9ATD UT9LC W1ES W1HEO W1KKG W5HNK W6HB WB2AA XE2MX	120 AA2T AC4TO AE5LK AI2S CT7ABD CU2CE DS3DNT DS5QLJ F5AQB IK8IPL IT9JPS JA1DCO JH5OTE JJ1XVA K3QB K4IE K9CHP KJ6Y KM5VI LU3XX N1TQP N2SO N3DV N3GS N4PGL* N4UFP NJ8G NR2D VE3QAA VR2ZXP VU3RGB W1RG W3MRL W5RYA W6GJB WT5L	118 6K5AQY AE1T AJ6X DJ9KM IZ0RPS IZ1JIZ JA1CCH JA2KPW JA3KKE JA6CMQ K9KJS KA9JAC KB3KJ KD9BIE KG5VK KM6WXB KX6C LZ1XZ N2ADE* N2CJN N4ZY* N8KUS NA9L R6TY VR2CC W1MJC WA7ZXD WA8RCK WB5TOI WD0ANB ZS2I	116 6K2ILX AA0FT CT7BQH EA5GXI G8GHD JA5GOJ JF1AZQ JT1CO JT1DN K1EO K4GHS K4LCP K8JRK K8MN KC1RET KD5RBU N0ATQ N2ZL N3CAL OE6CLD RW6MBC SM1NJC VR2IL VY2RU W1HQ W7QC* W7WES	114 EI2IP EI4GNB G3CWW G4HUN HC1HC I0BJV JA1CPU JA8EIA JG4OOU JM3XZC JR4DHK K3PL KA1CTL KI8AE N3DD NA1DX NG8T NK5K TF1A TF3G W0QKL W2ZK W8LR WD0AJG WN0L YB2BNN
121 5H8HZ AK0A DL7UGO HA2EQD IK6BMU JA1CPN JA1EYN JA1WTO JI5WDC K1LTJ K3CWF KK4ODQ KU2A N0TR N3ER N5ZY NA2R NA4MM NY4G OZ6EI	119 DL2VWR	117 CE3FZ DL9QJ F8EZE		

ZS4JAN	JA4RED	EA1BLA	N4LS	TA1HZ
113	JF3AHI	EI9HX	N4WD	VE7VV
AB1NS	JH0LME	G4VWI	N6RVI	W4DVG
AC0B	K0XM	HB9BEP	N7TP	W6CN
AD7XG	K4HEB	HG6IA	N8XS	W7SMW
DL2DCX	K4ZMV	IZ1EPM	NN8L	WB5ZAM
EA5DPL	K4ZRJ	JF3KOA	NS7K	WB8LEM
EI2FG	K8CJY	JH1FRW	NW6R	WC4B
F5EOT	K9KDS	JR2PAU	NX1P	107
F8GB	KW8I	K3MSB	PF7M	AB7RW
G0UII	N0OK	K3WSU	PV8DX	AK1P
G4NAQ	N8AID	K4KAL	SP7ASZ	BG8PA
G4YCS	NQ4A	K4RP	T88UW	DJ5FZ
HB9GZE	NZ7Q	K6DJ	W4JDS	DK2GP
JA2CPD	S51DV	K6SLO	W5SG	E73D
JA4CSJ	SV2BXA	K9TVG	W7CB	EA2BFM
JG0HEW	W1USN	KF6XA	W7VP	IC8XIL
JH1GNU	W3WN	KF8PD	W8MSP*	IW1PVT
K1JKR	W4LLP	KN6HIP	WA6URY	IZ1XBB
K2KNB	W5GCX	KV3W	ZS1IS	JA3MAT
K4JDJ	WA1DD	N1TQ	108	JE1CTA
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K7MO	WM4D	TF8GX	AC8MR	K2ZD
K9DUR	WN1M	W1ZZ	AC9DX	K4LQ
KA5OWI	WW6W	W5JE	DB9CR	K6DLB
KB1OIQ	111	W6TCP	DL1TPY	K7UWR
KB2TGU	AK4N	W7UV	DL2AMD	KA4LBD
KC0V	EI9CN	W7YED	DL2NAI	KB0EL
KH6P	F8DZY	W8TE	DM5TI	KF2G
LB8CA	G4ZWY	W9GFB	DU1IVT	KJ4FZ
LU3JVO	HB9ECS	WW4N	EA5XV	KR4U
NC6R	JA4DLF	YB1SKR	G5CL	LU5OM
S52R	JA5EEU	YO5QAW	HL5JYS	N0MHL
SM7TZK	JA9IWR	ZS5LEE	IK1RKN	N1UZ
SV2DSJ	JE1TNL	109	IK7ZLW	NI8Z
VA3AYA	K2KYH	AA4RX	JA2DCN	PP5VA
VK7ZE	K5NV*	AC8AZ	JH1OVY	RM6LW
W1FC	K8ZEE	AF3K	JR4NUN	SV3EXP
W3JM	K9JIG	E70X	K3XO	TA1CQ
W6BBS	N4NYY	F5DBT	K4PWS	UX5XK
W7CD	NT5O	F8DHE	K8LBT	V31MD
WB2UFF	PT7CB	G0MMI	KC5N	VA2GA
WB9YJE	TA1UT	G4FVZ	KC8YG	W5HY
112	TA2RC	JA1IAW	KE3ZT	W8JA
3C3CA	W6KF	JA1QEY	KG4IYS	WB2BXO
7Z1CQ	W7WT	JH4GNE	KI0KN	WB2MKX
AD4YQ	WA1JQC	J11IZS	KI4SFT	WM4W
AJ6V	WB8PKK	K0FD	KJ2AM	WS7I
EI8JB	WU4B	K0TI	KJ4SKO	ZP6CW
G0DTX	XE1ZTW	K4AEN	KO4XI	106
G3YFE	110	K6JAD	LA4EI	AB6WQ
GM0SCA	AG5Z	K9JE*	LU2AH	AC7DX
IK4EWN	CT7ANG	KB3Z	N5FPW	AC8IL
IS0BQE	DK4MX	KB7DT	N5TW	DS2GOO
		M0AQM	NJ2X	

DS5MNO	HL4GHT	K0HB	K9WMS	WB4PWZ
EA3AGY	JA1JYS	K1TWF	KA7CVJ	WB7QBS
EW4DX	JE2VVN	K4KZM	KP4DDY	WD6T
F5VIF	JE6UWU	K4WW	KQ6K	WD9IOK
F6JSZ	JJ2BLV	K5JUC	M0UPL	WN9A
G0OJG	JK1AIA	K6WY	N1MIE	XE1SAX
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G3LPS	K0MB	K8WVA	N5OP	YB9AY
HI7SB	K1RI	KE4YOG	N8URE	YO6BHN
HS7WMU	K5WE	KE8Y	NB3R	ZS2ACP
JA3FRI	K7CMZ	N1FOJ	NI5G	
JA7HYE	K8FB	N3PW	NS7U	101
JF7NNI	KJ8N	N4PAJ	RX3BP	AA9D
JJ1IRS	KK4MA	N4ZR	VE7XT	AB2NI
K1XO	KZ4EX	N8TEM	W0RSJ	AB4EJ
K6US	LA9JKA	N8WXQ	W2SUB	AB8YZ
K6VWE	LZ1JZ	NA8W	W4CU	C31MF
KA9TOX	N2YU	OM6CI	W8EH	DD9WG
KD2RUY	N9APK	OZ9U	WA8KNE	DL3XAC
KI4NSP	N9IXD	PY2YW	YB1ALL	EA4OR
KM8V	ND4K	RK2M	ZL1IM	EA4UV
KT5V	NK7L	VE3ZN		EA8TZ
M0PCB	OH6IH	VK3MB	102	G3VDB
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N7MW	W0PPA	W7KHZ	DB2WD	G8GNI
N8OYY	W1MRH	W9GXR	DL4FDM	IK2HLM
N9ZJ	W1PY	WB4HMA	IC8SQS	IU2LFP
NG4C	WD4OHD	WB7QXU	IZ7QSS	JA1KZP
NI7F	WK3A	WX0B	JH1IHG	JA5ALE
PT2DF	WK7W	YB1BUL	K1MDA	JA5JUG
PY2OC	WZ9B	YO6HSU	K2DH	JK3NSD
UA0ABB	YV4EH	ZS6HON	K2DW	K0GEO
VE3BHZ			K4HR	K3AXB
VE3XK	104	103	K6BLG	K3LA
VU2MB	7N4OBV	AF8P	K6JAV	K3SNO
W0TLX	AA2WC	DS5JMG	K7JH	K5HX
W4/KL7GLL	AA6XV	EA2RY	KA8HDE	K8ESQ
W7GB	AJ4AV	EI9GLB	KB1AWM	K8PGJ
WA3IIA	CT3DZ	FM4LV	KO3F	K9GL
WA8Y	DD8BA	HB0RER	N2FY	KB5YN
WV4E	EA4EJP	JF1KIG	N4IR	KC3OPI
YO4CPO	EI3HA	JI1FXS	N8KOJ	KC4ZA
YU1LD	F6ARS	JI5RPT	NA4D	KC5W
ZL3RIK	G0DRM	JP1KHY	NN5O	KD4SR
	G3VAO	K0FTC	R9GM	KE9UA
105	GI3SG	K0JDD	S51MA	KJ5RC
AA2F	GW0ANA	K0LU	SM0XG	KN4AMX
AI1W	HA5DI	K0OOK	US8ZAL	KU4A
AP2IA	HB9BMY	K1FBI	VK2GR	LA3ANA
DL9GTK	HS3OY	K2RNY	W1GF	M0PTZ
E29TGW	JA1CC	K3PIN	W4ASE	M5LRO
EA2AA	JA1DHY	K3TXW	W7FS	N4PF
EA4E	JA1RBY	K4NI	W7HJ	NC8I
EI6GF	JH1MYJ	K4SAW	W7IMU	NZ1I
FM5FJ	JI4HKA	K6XJ	W9GWP	OZ5JQ
G3LOJ	K0BRO	K7HV	W9TVX	PA3AIN

R2ARR	IK7NXU	N5CR
RZ6MJ	JA7PKV	N5LJL
SV4FFL	JE7KCI	N5LKE
TG9AKH	JG3LDD	N7WFK
UA4PK	JG5VFK	N7WR
VA3QBR	JI1LLD	N8HM
VK4BUI	JN1RFY	N9MKC
VU2OT	JR4VEV	ND0B
W0ZX	JS6UOU	NE3K
W2FDJ	K0PG	NJ8J
W2GHD	K1HC	NX6D
W2GM	K1JX	OM2AGN
W3RMS	K1PTF	OZ1GCT
W3SW	K2UF	OZ9GA
W4PM	K2UT	PY5VC
W6OU	K3NO	R2AB
WB5KSD	K3RRR	SP7LPD
WM5H	K4GM	UR8IDX
WU6K	K4KYN	VA2EU
WX7B	K4QS	VE1JF
XE1AO	K4RSA	VE3KKB
YB8HZ	K4TMG	VE7ON
YO2OXD	K5LLA	VR2PX
	K5MMH	VU2OY
100	K5PSN	W0RMS
2E0XAR	K5VSD	W0WT
7L3IUE	K5YE	W2MW
A41ZZ	K7RB	W2PTP
A71EM	K7VL	W2XX
A71UN/P	K8DTF	W4CG
AA7UN	K9EA	W4DFU
AC0DH	KA2F	W4YR
AC0WL	KA4H	W5YKU
AD4J	KB2GCG	W6OZI
AE0SQ	KB5RW	W9KM
AE4VJ	KB6IGK	W9ZT
AF4OZ	KD1DT	WA2ALY
AF9W	KD5FVZ	WA2VJL
AI4EY	KE1IU	WA3UTC
AK4AO	KF5MDZ	WA3YZD
DB6VH	KF5TL	WB0RXQ
DC1TK	KF9EX	WB2ZEX
DK1MCS	KI0G	WB6RAB
DK7GH	KI3O	WB6RJH
DL3ANK	KI4PG	WD1M
DL5JH	KK6MF	WD4GZW
DS4GQR	KL2R	WI0E
EA5PS	KL7KK	WM9Q
EI2HQB	KL7XO	WU1T
EI4DQ	KR4Q	YB6LAY
EI4GJB	N0JX	YE1AR
EW4A	N0KM	ZS6CR
F5JWH	N0VTZ	
G0GFC	N1KI	
G8GFF	N3NVA	
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HB9HFM	N4GOA	