

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 22 Oct 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	JA2KVD JA5AQC JA5AUC JQ3DUE K2FF K5NA* OE3GCU SP3EPK W0MHK W1YY	JG3QZN K1OA K2PLF* K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK
347 K4CIA K8MFO N4WW W1JR W4DR	341 AA1V DJ6RX DJ9KG EA8AK G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JA0EOK JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT WB6RSE	335 HA5WA JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	333 DJ8NK GM3YTS IK4DRY JA6BZI JE2URF JH1GZE JI2KXK JI4POR K0IEA K4MWB K6YRA LZ2DF N4AH N9IW PY2SP SM5CEU SP3E W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR		337 AA6YQ AG9S G0JHC I4AVG JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N3XX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WD5COV	334 AA7A DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY	
345 HA0DU OH1XX	340 CT1EEB DJ2BW* JA3FYC K4UTE K9QVB* SM3NRY W2LO			
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 JA1BK JA1WPX		332 AD5A

DF4PL	K3WC	327	JR2LJO	N5XZ
EA5RM	K4ZU	AB4IQ	JS2LHI	N8RR
EU7A	N3NT	CT1IUA	K8NVR	NE1B
EY8MM	N4JF	EA1YO	K9EU	OH1LEU
F6BKI	N8JV	I5NPH	KA9CFD	OH2BLD
HB9BZA	NO8D	JA5WIZ	NY0V	SM6DHF
I4MKN	OK1MP*	JE2LUN	SM5KNV	SP5IWA
IK5HHA	RA3CQ	JH8RZJ	SP7VC	SV1FJA
JA0UUA	SM5CZQ	JI8DGO	W6RLL	322
JA4DLP	SP7GAQ	JJ3PRT	W7AO	CT1BH
JA7MSQ	SP9DWT	JR3GWZ	W9OP	F5PAC
JA9RRH	W1ECT	K9YY	WB4TDH	G0OIL
JH1TWT	W3NO	KW9A		IK2QPR
K0EU		N2BJ	324	IK4GME
N2LT	329	NK1K	AA8CH	JA1XEC
N6JV	CT1APE	OE2LCM	AB9V	JA2JNA
SP8NR	DL2OE	ON4AOI	DK9KX	JA9CWJ
UA4HBW	I4EWH	PY2YP	DL5DSM	JJ2LPV
W4DKS	IT9DAA	RZ3AM	FK8CP	K2UO
W5BPT	IV3JVJ	SM2GCQ	G0DQS	K7NN
YU1FW	JA2JW	SM5DJZ*	HB9BIN	KU0A
	JA7KY	SM6CCO	I0WDX	KX4R
331	JE1SYN	SP1S	JA2DPC	N4DW
9A7V	JF1PUW	SV8CS	JA7JWF	N4NX
AA1ON	JH0INP	UA3AB	JO7WXN	N4QS
DF2RG	K9IR	W1RM	K0CA*	ON4CD
DJ9HX	LU2NI	WP4U	K5KC	R7DX
EI7BA	N5AW		K5MC	VE1DX
GM3POI	ON4IQ	326	K6FG	W4FC
IZ5EKV	OZ1CTK	EA5BY	N4II	W5CIA
JH2FXK	SP6M	IK5PWQ	N8BM*	W5TCX
K1HTV	W5XX	IZ0AEG	OE1WEU	WI8A
K4CN	WA1JMP	JA2BDR	OE8HIK	YU3AA
K9CT	YO9HP	JF3KON	PA3EWP	
KV7K		JF7XKY	PY5EW	321
LA5IIA	328	JH3CUL	R3OK	AA4V*
NI0G	AA5AU	JR3OEH	R3VA	DK1FW
NR1R	DK5WL	K5EK	RV3LO	G3TXF
PY5HOT	DL7MAE	KF0QR	UT9FJ	HB0CC
R4GM	EA3GP	N1NK	VE3LYC	IK2YCW
RA7A	EA5BM	N4JJ*	W8OI	JA0GJJ
SP6CIK	JA9APS	N4PQX	W9OL	JA3AZD
VE3FF	JR7VHZ	N7RT	YB5QZ	JF2UPM
W4UM	K0DEQ	OZ1AXG	YV1DIG	JH3VNC
W5OZI	K4QL	R5AJ		JH4ADV
W8UVZ	K8PT	UA4CC	323	K2VV
	RU3FM	VE2Tzt	AD1C	OE6MDF
330	SL0ZG	W8DCH	CT4NH	OE8RT
DJ2YA	SM4EMO	WJ4T*	HB9HFN	SM6DHU
DL1AMQ	SM6CMU		IK8YTA	UT7UJ
EA7TV	SP5DIR	325	JA1ANR	W3GH*
HB9AMO	SV1RK	EA2IA	JA5XAE	W8GC
IK4BHO	W2IRT	G4CCZ	JF1KKV	WA7NB
IK6DLK	W3LL	GM3GAV	JH1IFS	WB0TEV
JA1ADN	W5FKX	HB9DHK	K4EM	
JA3EMU		JA4FKX	LA7HJA	
JF1WPB		JL1RUC	N5TY*	

320	K4HB	315	IK2RPE	JG3FEA
DJ5FI	K4IQJ	9H1SP	JA1EOD	JH7RXU
DM5EE	K4SO	AA5AT	JA5IU	K0KVR
G0BLB	K5BG	AB6QM	JR1BLX	K2UU
I2EOW	K5DU	DL1DUO	K6TA*	LA9AJA
IK4DRR	K5XI	F5HNNQ	K8FL	OE5RLM
JA2IVK	LA2PA	G3VKW	KG4W	R5DT
JA3PIS	LB8DC	JA0CRI	N4TL	RA0FF
JA8LRG	LU3CQ	JA2NDQ	N8KOL	RL9F
JR2UBS	NQ1K	JA8RJE	OE3SGU	SM2OAN
K1LD	SP3CGK	JR2BJE	OZ4O	SP6HEQ
K9MM	UX0FF	K0KX	SP9JZU	W0YG
KQ8M		N5OK	WA5VGI	W4BP
SP1JRF	317	NN4R	ZS6EZ	ZS1LS
SP1MGM	DK2NG	OE3EVA		
UX1UA	DL5WW	ON4IZ	312	309
UY5ZZ	HA1RB	PY2NQ	F3SG	CT1FCX
VE3EXY	HK3W	SP3IBS	JA1SYY	JA1IOA
W1GL	IW1ARB	SV2DGH	JA1VSL	JA6WJL
W3KX	JA2ZL	W7CT	JE2LPC	JG4AKL
W5WT	JG3LGD	WB9CIF	JF8QNF	K4MS
W6XA	JH1NYM	WD9DZV	JK1EXO	K8QM
WD0DAN	JR1BAS		JN1BMX	K9ZO
YO3APJ	K2RW	314	JR6FC	NN4SS
	K6RO	AA5AM	K1HT	NU8Z
319	K6YUI	CT1DKS	K3RA	R9TO
AB3CV	KE9L	EA6VQ	N1IBM	RU3DX
DJ4AX	N2NL	F4BKV	N5ORT	RX3AGD
EA8AKN	W6VX	G3NDC	RU3QR	UA4LY
IZ8FWN	WX4G	HB9SLO	UT2UB	VE7IG*
JA6VQA		HL2IFR	VU2NKS	W2JU
JA9TWN	316	IZ8FFA	W5ADD	WE9R
J11DHY	DF2UU	JA2AH	W8HW	YB1UUN
JN3SAC	DL6CNG	JA9GPG		
K6AM	G0VXE	JR4OZR	311	308
KB0EO	I3BUI	JR9LKE	4X6ZK	A65BR
N4DB	IZ1LBG	JS3CTQ	HB9TKS	DL2CHN
RW3RN	IZ2AMW	K2LS	IK0PEA	HK4SAN
UA3AP	JA7QVI	K4UEE*	JA1IZZ	IK4ADE
W9RN	JA8EAT	K5AQ*	JA2VQF	IU7QBB
WB8BPU	JH1SJN	K8AC	JA2XYO	JA1SVP
	K1AR	LA7AFA	JA4MRL	JA7IC
318	K1BD	LA7JO	JA9FAI	JE2EHP
A45XR	K6KLY	N8TR	JG8FWH	K0GY
AA4HP	K8YTO	NS6C	JK1GOK	K8OM
AC4G	K9US	OE1AZS	K9RX	K9MK
DL6KR	KG8P	OE1ZL	KC7V	K10KB
EA1N	MD0CCE	SM4DDE	KM4H	KN5O
G4PWA	N5DG	SV1CNS	PY2XU	KS1J
JA1GRM	SM3VAC	SV1DPI	UR0MC	R7NW
JA1XCZ	UA3DPM	SV1JG	US5WE	UR5EDX
JA4EPE	W7MO	UA6MF		VA5DX
JH1AGU	W9ILY		310	W1YM
JH1QAX	WA2VYA	313	HB9CEX	W2QO
JH4JNG	YO7LCB	5B4MF	HL4CJG	W6ENZ
K2TE	YS1RR	CT1FMX	JA1WSK	W9MU
K3WA		CT1GFK	JA2WYN	WA8WV

307	K0JUH	302	JA9AA	K5DHY
9K2OD	K3XA	AA4R	K6FW	K8WK
CU2AP	K6SIK	AA8OY	K8GG	KD0Q
DK2JX	K9NW	AJ9C	K8TL	KG7H
F2JD	MM0EAX	DJ5JH	K8VFX	KT1J
HB9DDO	N9AU*	F5CQ	KD0PO	N7IR
HB9DDZ	NA5C	JA1JAT	N4RWG	UN7LZ
I5HOR	OH8LXT	JA3EOP	PA3CSR	W6YI
IK0XBX	PA5TT	JA7MYQ	PY2DS	YO2RR
JA2XW	PY7DJ	JJ1TKN	PY2VA	
JA3GN	RA9CMO	JK1TCV	SV1GYG	296
JE8CLT	SM3NXS	JM1FHL	W3OA	AD6W
JJ3HGJ	UY5AA	K0BBC	W6TC	CT1DOF
JN1RQV	W5VY	K4XD		DL1HRN
K2SHZ		ON6AA	299	EC3A
K7WP	304	PY2KP	DM2DXA	EV1R
KB1JZU	DJ9ON	RK4FD	HB9RG	G4GIR
KC6AWX*	DK5AD	W4QN	IK5RUN	GM0AXY
LU8EKC	EI2GLB	W7ZJ	IW1QN	HB9RYZ
N9FN	EU1KY	W9AJ	IZ4MJP	IV3YYK
NI6T	HB9CQK	WA9PIE	JA9FPI	IW0SAF
SM5JE*	JA5BEN	WD4LBR	JA9NLE	IZ0RVI
SV2AEL	JA7LGE		JH1BNC	JH4ALY
W5AJ	JE2DZC	301	JJ1DWT	JH7BKN
W7DO	JF2XGF	AC0A	K0TPP	K0KT
W7OM	JG0CQK	AE5E	K4ZO	K8VC
W9JA	K6ND	EW2A	UA9FAR	LA8PT
ZS2DL	K8GI	HB9BOI	VE3BW	N0RB
	N7US	HP2AT	W2GG	N6TA
306	N9RS	I2MQP*	XE2CQ	RA3QK
DL1KUR	OH3NHF	I4KDJ		SM6BZV
DL5EBE	R7FK*	JA0DIN	298	SV9COL
I1EIS		JA1FQI	5B4AHJ	UA6YW
IK4PLW	303	JA1LSP	DL7BA	W4VIC
JA0GCI	E72U	JA1XPQ	JA4ITW	
JE1DXC	EA3GHZ	JA2ATE	JF2WGN	295
K5WAF	G3LZQ	JE1LFX	JL2JVX	CT3MD
KD3CQ	G3SVD	K1GG	JR7WFC	JA1BPA
N8SNM	HL3IUA	K3FRK	K2PK	K5ZK
OH5VT	JA3ENN	K4SE	K3PA	LZ2JE
R8TX	K7ZA	K9SM	K5VIP	N7RO
R9FM	KB8VAO	LA5LJA	K8EUR	N7TY
SM5FUG	LA3WAA	RN3QN	LU4FPZ	RM0F
UN7JX	OE5BWN	UN6T	ND0N	SP8HKT
VE3DZ	RL3FA	UR5WA	PY2IQ	W5LT
W5XC	RW4NN	VE3EK	WT4Q	W6XK
ZL3JT	SM6CUK	W3RJW	ZL1BYZ	W7AL
	SP2BMX	WB5JID		
305	SP7HOV	YO2CMI	297	294
AJ6T	SP7ITB		4Z4DX	4X1RU
DJ4XA	VU2PTT	300	BA4RF	AI9L
DL1TRK	W0VX	DL4CF	E72A	DS1JFY
G5LP	W1SKU	EA1AF	E73Y	EA6NB
JA7BWT	WA3AFS	HL3GOB	JA3RQ	HA5VZ
JE6TSP	WT8C	IW0HQE	JE7JDL	HA9PP
JF1NZW		IZ5RVG	JH1BAM	IK0HFO
JR1DUP		IZ8VYU	JM1HJG	IT9CVO

JA5SUD	291	KQ4AV	W4MAY	W1LW
JA9IFF	DF2GH	OE2GEN	W6PJ	W5ZG
JE1GWO	EA6ET	PU2POP	W8AXI	W6BJH
JE3ENP	G0EHO	R0FA	W9MJ	282
K1DG	IV3GOW	W8BBQ	WS5W	JA5BGA
K1USA	IZ3ENH	W9YSX	285	JA8UIV
K7ZV	JA1QXC	288	DL2SWN	JH3FHQ
KF2DT	KP2A	EA5KA	EA3GHQ	K5UO
KZ4V	LA3MHA	JA2JRG	IK7FPV	NA5DX
N0KV	LA5HE	JE2RDO	IZ8DFO	NT0V*
RA1QD	LA9VFA	K0GD	JA0PE	PC3T
RU6L	N2TN	K1DT	JA2IYJ	UA0BA
SV3DCX	N8LJ	K3WW	JA2VMU	W4OX
W3JX	OH4UI	LA9GX	JA8XQI	WA0MHJ
W9FR	VE3CFK	N4LR	K6GXO	XE1KK
293	W1EQ	OH1ZK	K6PJ	281
DL1SMA	W8TN	SM4CTI	KJ6P	7M4AOE
EA3WD	W9HBH	UA3AGW	NN4X	AD5Q
HB9BAT	ZL4TT	W1YIF	OE1WHC	EA5OX
IK0AGU	290	W2LE	SM0CCM	F3AT
IK8VRH	AA4A	W2NO	SV1FJP	IZ8FDH
JA2CXF	AA8R	W3FOX	US0YA	JA0KJE
JA3XNH	CU2DX	ZS2EZ	W4UCK	JA2FCZ
JA8DNV	JA1KQX	287	WK7E	JA3BXF
JH0BQX	JA2XCR	9M6YBG	284	JO4CFV
K4JAF	JG1OGM	AA8LL	7K1PTT	K2SN
K5RT	JH3GCN	G4XEE	AB4SF	N2WB
N2LM	K4RG	JA5FDJ	CT1BWU	N5GH
PE1L	K8ROX	JE2OVG	CT1FPQ	OZ1IKY
RA5BM	LA2QM	JR8AMF	EI9FBB	SM0NJO
S55DX	N3VA	K0AZ	HL4GAV	SM5ENX
W7BEM	N9DED	KI5BLU	JA3DY*	VK3BDX
WA3C	PP1CZ	N9ISN	JA8CJY	W0LS
WA4FFW	RD3AW	OH1JP	JG3SKK	W8KEN
292	S57AT	R9SA	JH3KAI	WF2S
DL5CW	SK3PY	SM5ARL	JH3SIF	280
DL6JZ	SV3AQR	W1VT	OE3HWC	CT1EAV
EA5AT	UN7TW	W4YCH	SM6CTQ	EI2CN
G8DX	W2LK	WA6F	UN3G	EI6FR
HL2WA	W8AV	286	W2AY	JA6TMU
IZ3ETU	WA1S	AB5A	W4FQT	JN7DOS
JA0DET	WB9EEE	CT3HF	W5ODD	JR6LLN
K7ZD	WN6W	DL2VPO	W8HC	JR7FRW
LA0FA	289	GM3PPE	WB2BIN	K1CA
N5LZ	AA6AA	GM3YOR	283	K4WNW
N6UK	DL9TJ	IZ8XQC	HK1MW	K6BV
N8II	I1FQH	JA2FGL	JA1RTX	N2DPF
N8PW	IZ4DPV	JH4HMG	JL1XMN	N2JJ
R6AF	JA8EJO	K1LPS	K1UU	NV9L
W1OPD	JG1WSC	K1RO	N4JQQ	SM5CZK
W6NWS	JH1HHC	K5PS	N6PSE	UT7UV
W6SR	JH4GJR	LA8HGA	OE8SPW	VK3HJ
ZS1A	K0TT	VE1JBC	ON5UE	W8LGJ
	K3UL	W3GQ	SA0AQT	ZS4TX
	KK0M			

279 DK3PZ JA6QHQ JA7HRM JE8TGI JK1UNZ K6IPM N6RV OZ4VW W5DM WO7R	N5MOA OZ1LCG PA7RA RX4HZ SM5CLE VU2CPL W1ZT W2OIB W3ACO W5GO	K7XB N4IG N4QQ OZ1ACB RW7M W4HG	HL3AMO IK0UTM IK8UHA IS0AFM IW7DVM K0BJ K5TA K5VWW K7UA K9JF KG9Z N7BT VE6LB W0FLS W0RX WQ6Q	EA5RD GU0SUP HB9MFM JA2QXP JA7BEW OH2IS SM5BMB WS9V
278 9A4T EA8RR EI9JF F2NH F5PBM JA4VLK K2UR N4HB N9RD ND4X RN9N SM4AZQ VE3CRG W8MHW	275 DH2PC DS5ACV IV3VBM JE1BMJ JF2VAX JI3CJP KA1ERL N7KA NF1G NU1B SV5DKL W7MEM WA0RVK XE1MEX	272 AF9H I5OYY IK5PWN JF1LMB JF2WXS JH1OBS K7EG K8BL K9FN KB1EFS KI4GE N5BO N7XR OE5FIN PA0ZH PY2WC SM7IUN SV1ACK W0JM W1MK W2OO W3AP WL7E	269 CT3CD HB9EBM IK8EPC JA1OVF JA1VLK JP1NWZ KH6M KR0P LA6UL NW7E OM4EX SM5FWW W8MET YB1AR	266 HB9EFK IK4AU JK1VXE K0EOO K8AJS N0RN N1API PZ5RA RA4CA SV1HEP WB2GAI WB3LHD
277 9A4W DS5TOS EI8IU F5UJK JA8EOT K2AJY K8UT NK0S ON4CAS UW2ZM W1KSZ W1YRC W2PP W3BW W6DR W8RLS	274 EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM K8DV K9MBQ KA8SYV KA8ZPE KS3F SP6JIU SV9AHZ UA3ECJ VE3YF W0EWM* W3ICM W8QZA/QRP	271 AA4FL IK2DZN IZ2FOS IZ8EJB JA8FFM JA9NFO JH1OCC K3PU K8RRT LA5SJA N4UOZ UA3TT W6TMD W7YAQ WV9L	268 G3SBP HA5PT JA1IAZ JA1NWD JA1VRU K0DD K1MAA* KD4W N2AJ N3RC N5JB N5ZC NT5V SM6BGG W2FV W2XI W6RS W9OO WA1YTW	265 4F2KWT G3UAS G3WPH JA3WLN JA4FM JE2UFF JH1ACA JR1WCT K2CBI KZ5DX N5KM N6HC N9JV VE3SKX W9JJB XE2X
276 DK3WW HB9BUN HB9LCW IZ5BAM JA6GPR JA7FWR JA7LMZ K2KA K6EME LB2TB	273 CT3KN DL9FCY JA1KPH JA2TBS JA6BEE JH2VVH JM2RUV JR3UIC	270 BA4MY DK8MCT EA1KY F6HLC F9XL HB9DHG HB9IQB	267 DL4DW EA3EQT	264 4Z1UF EA1KP EC1AIJ F6DBX IZ0NRG JA1SKE JR4LNG N1EN N1GC N6PM N8OC OH7TV PA7TWO SV1CQN VE6AX

W1KDA
W5PF
WV4TN*

263

DK4TP
DM2RM
EA3CJ
EA4DL
F1ICS
HA7UW
JA2FBC
JA7XBG
JJ1BMB
JN1NBU
K1KO
K4KAY
K8FH
KN6KI
N1RR
NA5Q
PY2MC
W0GG
WA4LOX
WB4KTF
ZS6NJ

262

CU3EJ
HI8R
I5REA
JA8BAR
JR7GBL
K8AV
LA9FFA
N1SV
NH6T/W4
NK4L
NV4B
NX0I
TZ4AM
W2/CT1GIF
W6JZ
W7LGG
W7QDM
W8GNM
W9PZT
WA3GFM
WB8ART
YB2DX

261

7K1CPT
DH0GSU
IZ8IEV
JA3FHL
JE1PNX

JE1VTZ
JH2PWY
K1FEV
K2FW
K7LJ
KF9UG
KI4DLS
KM1D
N9UA
OM8FR
SM7CQY
W6DE
WA5LFD
ZS6WB*

260

AA9A
EA8MT
EA9IE
FG5FR
JA3VPA
JE1HRC
JH1DGJ
JH3FUK
JH4ADK
JJ2WOC
K1EFI
K1ESE
K8YSE
LY1G
N6MZ
PY5IP
SK7AX
SP6A
TG9NX
W2TB
WV8DX

259

DJ8NT
DL9GTB
EW1BA
HL3DE
JA8BNP
JH1APK
K1KA
K2UFM
NI3P
PY5CC
SV1FKZ
VK4CAG
W0BM
W7AH
W8CZN
WV6E

258

CU3EQ
DK7YY
E21EIC
EA1RT
EI2HY
JA9AGN
JR4LZX
K6EID
KH2L
W1SSN
W2GW
W4LSC*
W5JAY
W9EWZ
ZL2IFB

257

6K5YIA
AA7G
AF4HX
AK5X
DJ0UT
EA1JO
EA7SG
EB3CW
HL2CFY
IK2PZC
JA1EMQ
JA6OXT
K1SM
K3EA
RU1AB
SV1VS
W3FI
W8MJ
WB7B

256

BH4QYX
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IK4HPU
JA1PBV
JH1IED
JH1RGG
K4JJW
K6ZZ
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255

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HC1BI
IV3TMM
JK1OPL
KR4F
LU6ETB
N1RK
VR2XMT
W0QQ
W8OP
W9FI
WA4CEM
YB1RUS

254

AG1A
BA7IO
CT1BWW
HB9DVO
IZ5YHD
JA0KJD
JH1VUO
K0GW
K3SEW
KI1U
LA5YJ
N2NW
NE6I
NE8P
UA3O
W7HPW
W8IW

253

AA3LX
AC9EM
AC9O
EA4DEI
FG4NO
HL2EIZ
JA1DDZ
JA6IVR
JJ1QUV
K6MKF
KE1F
KV4T
N4QWZ
N6KZ
UA0FO
W6RW
WF4U
YB0COU
YL2KF

252

DL7UPN
G3KWK
G3NKC
HL2KV
IV3KFB
JA1BNW
JA4HAW
JF3PNQ
JF6XQJ
JH4CBM
JL1BYZ
JR1VAY
K5FZ
K5IB
NF4A
S51NM
VU2CDP
W2ZI
W3ABT
W7CA
W8FIB
WA4JQS

251

DL2RTL
G8AJM
I0JBL
IK0LNN
JA5AFW
JH1UBK
K4JKB
K4VIG
K8CW
KJ7TEA
N3KN
N4SC
N5UL
SM3LGO
SM5FQQ
SV8CKM
VE3YV
W2JLK
W4SK
W5GAI

250

DJ9RR
HA7TM
IK2DUW
JH3GFA
JH6PFY
JL1MWI
JR0EQQ
JR5JAQ
K3NQ
K7KB

K9YC K9ZM KA9UVY KF7F KQ3F KS4YT LB5WB PA0JSE PY2FN W4PNY W7IU WA8MCD	OZ7FOC W7IB WB8CQV WC3W WX2U	XE1RBV	240 G7SSE IW3GJF JA1DM* JA2FSM JA3NHL JH5HDA K2RU KE8UM KF0LA KK9H KS4S N0ABA N4HID N8NN PY2GG SP5LKJ SV8DOU UX5UO W0SZ W5RF W8WEJ W9LN WC2K WE4S	237 CT1BOY HB9CXZ HB9HBZ IW9DNI JH1DGQ JR0QFA K1RV KX2A N0ODK SM0MPV W2DXE W8UN WA0ROI WB8B WB8ZRL YO3JF
249 AA9RR AJ4A G3XLF IZ8GGF JH8GEU K4MV K9NR N8HRZ N9PGG OZ5NJ SM4OLL UN3GX W8IQ W9RC WA2USA WB8K XE2D	246 GW4TSG IZ0BVU JG3RWX JK1WSH K1YR K4JWA K8YYY KB6CIO KC9K W1KMA W4GE W5ZO W6AER WS1L	JA2EPW JA7QQQ JE0ART JF2OZH JS6TWW K8ME K9GWH K9JU N4OA UN9L W1BR W4LEW WE1P	SV8DOU UX5UO W0SZ W5RF W8WEJ W9LN WC2K WE4S	236 HB9ZS IK1IYU JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KM3J KU8X N4GN N6IE OE2BZL PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX
248 DS5DNO G3KMQ G3VPW HB9DOT HB9JOE JE2VLG JJ1SKG N4XP SV1IW VU24DX VU2DCC WB4CTX	245 AJ8MH EA5B JA3QOS JA6AVT JF1WLK JJ6DGP JL3OUW K0VM K9GA KF7PG N0AH N4IQ N9JR NJ7G NZ3O OE3KLU S55ZZ VE7TK YB0NFL	242 EI9FVB JA1OVD JA4ZA JH1ERJ JH1WJR JR1MLU K3WWT K4PB K4QE K4YJ K7FEL KJ7M N2NS N4XYZ N6HY NA9Q NY1V OH3OJ RC2A SM0DSF	239 HB9DQV IZ1JMN JA0LXP JA6CBG JA7KE K2XF KK0DX N8SHZ W8BLA WA6JA WB0O	235 EA7QW EU1U JE1IBI K5CWR K8ZM N2FF NA5Z NW4M TA1CM W7YW
247 AK5Q CT1FUH JE2EBT JK7LXU JR3VMJ K1PL K1XV K2TER K3VAT NA9RB	244 DL8SDC HL5BMX JA1CZI JI6IHG K0KG K8EAB KK1W PA3BWD W4REX W5PJR W9DX W9MO WA3F	241 AB5C DS4GKF IK0WMJ JH0OXS JP1IOF K0VSH K2NV K4KGG KV1E N3PS N9SF W5DNT W5QM YB1TQL	238 JF0JYR JJ1JMZ K4JC K9OR KA4RRU KV4AA M0CSD N4PJ SP5ES W3MR W4KA W5LO W5UQ W7HR WA4QMQ WB0TVY ZL4AS	234 DF7EE DK2CC DK6OR EA5DFV HB9BYQ

HS1NGR I0LYO JA2OLJ JK1BSM K4MF KE5FXE ND4V W3WST W9YE WA5UA	SM7NDX W4DEE W4UDH W8LMG 230 G3LUW JH7WQX JI1VVB K2SY K9WX KR6C SM7WVZ VE7BV W2KA W8WVM WB2NPY WW8W 229 AD7L AE0P G7IRN HB9HVG K0HD K3FM K4CMS KD1F KK4OK KW1DX N2SQW N4NW N4SV UR5FEO W1WC YB1TJ 228 7J1ADJ AA0MZ F1RAF F5LIW IV3FFI JA4CZM JE2KSM JF1RYU JH1OGT K4SX KE0A KE4UW KE6V RA3QUA VR2CH W1LE 227 DF8FT	DL2RUM HB9HIT I0MWI JA0DWY JK1SQI K0IL K0NV K1GE K5GH KA1J N1NU N6OJ SP7ICE W5SL WA9GON YE4FNN 226 AC4VM HL5OC I0OSI IT9ODQ JG1JPE JQ1YIW K2BA K2SD K9TF KK2M LB6KC LU4FW N2KX N5ET N6BM N9AOL NA2AA NG7M TF3DC 225 AA8SW DK5RL DS4AOW EA2AFV EA2AGV EU1M IV3AVQ JA0EVI JH8NQV K0OK K1JIU K5YU KN4PPD MU0FAL W0FG W5GZ W5TFW W5VQ	W8UV W9KVR YO9FNP 224 AA4UC E70T G4ZOY JA8NFV JO1LVZ K0LB K1CBK K1NJ N3RW N7WO RW4CY SM7BHH SP6AXW V51B VE6TL W5THT W6UC W7NN WB0ULX WB7BBQ WN6K ZS2Y 223 AB4UF AF2C EA7DUD I8MTQ IK0WRB IK2RZP IZ8MBW JE4RAL JP1GUW JR0AMD JR1JGA K6IPV KD2T KI6CG KN7K KW4V N4ENE N8BK W6GRV WC4H YL2TW 222 DJ9SO DL5XL E77S IK8GJR IZ7AUH	JM1VRW K2AT KB5UNX KX4TT NN2D RA4P VK5GR W1DYJ W4WN 221 EA2AAZ IK0CHU IZ1JLG JI1NJC K4CGY K5DV K5ZQ KK4OW KU4XO NJ3K RU0SN WA0WWW WB0N 220 AA4LR AA6RR DL4LAM I1YDT K1DJ K1NTR K1TZQ K3DFL K3SX K4EU K4MIJ K5MT K6MM K7AWB KO8SCA KZ9DX ON4ATW SM7GIB UR4IOR VA7ZT WA9BZW 219 DF2UA F5JSD IK5QPS JA1FJJ JR7ILA K5JZ KG6I KI7AO
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KR2Q KU4BP N1KC N2ZA N6DX NN9X W5DAW W6KK WA3I WQ5R	KT4AC N7WS NC4RB PS8ACL W0SR W5AAJ WB3D	N4HN N8GP N8NA NA2M* VK3FM	KQ5M N9XX NK7C NW7US PU1KGG SM5BNK W1AW W6DCK W8HMK	206 7N4SQJ AG5W CT1HHP HB9CRV IK3GBG IZ4DIW IZ5FSA JA4DNC JF1IRW K0MN* K1VI K8NK KK5OQ N7NF N8BJQ NJ1H W7IUO WA3WZR
218 DL2NOM DL4NBE G4VMX I7PXV JA7FAS JH1FVE K5ALQ KB2FCV KE3D KK8MM LB2HG N4FN N4JT N8AYY N9KW ND3L W3BJ WA2NPD WB8BZK	215 9H1EJ AA7XT HB9IIO JS6QOM JT1BV K1ZJA K2XB* KF4NEF KL7TC KO6KD N6PEQ N7ELL NU1O W0TT W1JGS W4IS W6HDG W6SL W7JY* WA6HBR ZL2AL	212 JA1BWA JA3LDH JR2PZX KC2SST OH2LHE PP7LL SM5AOG WB9PNU WK4Y*	208 7N3IJT EI5GSB G3WW HP2NG IZ5MOQ JH0NOS K0THN K2PF* K4WES K5RJ K7PT KK9T KW4CQ KZ1W N6ZN NN5E NW6S PY2RN W1FA W5FPT WA6G	205 AC9S DL6UNF EA5HM GM0VRP JA0CIU JA3UOQ JA4DHN JA7JM JA7MNF JF2TJJ JO3WHB K4YYL KI4WCQ KL0S KM4VI N2KI N3ND VU2LBW WA4MME XE1J*
217 7L2QAD JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH N6QI OZ0J VA3OKG W0TM WB6CJT WI7P WW2DX YO3IPR	214 3A2MW AB0X DJ3AS JA7DPC JI1WLL K0QQ K2AZ KD1AB M0HIH PY2RO W0KCJ W2CQ WB6BFG WY1G	211 BV1EK JJ1KZZ JO4JDU K0KP KT2C N1BY NY6C SM5ACQ VR2XLN W6WF	207 9K2BM DG5LAC HI3T JA7MAD JE3EDJ K4GO K6ZP K9FZ* KB5HC KE1VT KF2OG M0IKW N9AKR OE1JIS ON4ANN RD9M VK2CA W1MJB W9QO WA9DU YB0MWM	204 JF1KML JL1GYZ KM9E N5QS NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
216 CX2CC DJ3XG F4WDL I5XFD IT9AAI K5VR K7LV KR4W	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JP1LRT JR1EFG K9SG KD4SN	209 DF3EC DL4FAP IZ0GYP JA2MNB JA6ENL JH1FNU JM1SZY K0PX K3NF KB4MRX		203 AE4M

F5NBX	VK2HV	XE1YD	AE4CW	DJ9KV
IK2RGT	VK6LC		DH3KM	E74K
IZ0BTV	W2NY	196	IK2ULM	EC7B
IZ0CKJ	W3ML	AD8P*	JA0AXV	F4DSE
JA7JPZ	W9WO	HB9BOU	JA1QIW	GM4KHE
JH8NBJ	WB9W	HB9ESS	JA3PRM	HL4CCM
K0CS	ZS1DX	I7LGM	KM1C	IK1UGX
K2CYS		I8YAV	LZ2ZG	IW7EDZ
K4OY	199	JA7FVA	N3AIU	JA2ITK
K5DCW	AA3TH	JP7FSO	N6DHZ	JH7NTW
K8YE	AC0X	K1JD	N7VPN	JH8KFE
K9OW	AD4AA	KA5JSM	NU4B	JI2UDK
KA1DJ	DL5EBS	N2GZ	PY8WW	JK1BIB
KB7AK	DM6MA	N3QE	SM5ELV	K5RKS
KM7R	I4UUL	NA9A	SP5IXS	K7UT
N4TV	JH0RVY	OZ1HPS	SP9IZV	K8ZT/QRP
N6PAT	K4VNY	SP3F	W8NN	KD0AA
W3BNN	K9AQ	SP5MXZ		N6MXU
W4JVN	MU0GSY	W6HYI	192	N9ATF
WA3FRP	N2RR	W6RKC	4X6KJ	OT1A
	NM1G	WB5NHL	AD0K	SM0BYD
202	PB9FN		F6FYD	W2CG
EI5JL	V51YJ	195	IZ7GIT	WA8LRW
IK5BOH/2	W9RXJ	CT1ELF	K5TN	WB4GLI
JR1IZM	WB4YDL	IZ2EWR	K6XN	
N8WD		JA3AVO	KJ4UZU	189
PT2ADM	198	K4KEW	KJ4YLO	DS4NPL
W3NS	AG7N	KB9AIT	OH3PYY	IV3KCB
W4RDX	DJ0MCH	KE4S	UR3EO	JA1SGU
W7TUS	G1VDP	KF9AF	VA2IG	JG1SWM
W7VY	IT9IPQ	N3XM	VU2MSA	JH3FCF
WE2N	IV3BSF	NA6MG	W5SUM	JK1JAS
WN7J	JM1ESG	OH6NIO	W8QXR	K6JAT*
	KO4PRE	SQ7FPH	XE1EE	K6UXO
201	KQ4EE	VE3YXO		K8OS
GI4OWA	RA3BL	W3SB	191	KY5I
K0MFI	VK6OZ	W9ROG	AA4NC	N2MEE
K6TAR	W6SHY	WQ5T	G4DDL	N6NU
N4PYI	WA2VQV		HA5CW	NA2U
OV5O	WB4DNL	194	JK1AJX	RM3DA
RT5A	XE1FAS	A65BD	K1RI*	RN3CT
TF3VS	XE1R	EA1WH	K8QKY	SM4BZH
W1OP	YV5LI	EA5ZR	N4DWK	W4AEJ
W6AEA		EA6LP	N7MQ	W6DPD
	197	K1LT	OZ7DN	YB4CHP
200	4X4MF	KM4HQE	W0MS	
AJ8B	BA4TB	KP3AH	W0PE	188
DK1NAL	EA1DLU	KR8T	W5CCP	EA7AN
HB9AGO	JK1DDG	SP6EII	W5IP	JS6SCC
HB9FBG	K8SIA	W2OR	W8UQ	K2AX
IZ8EKL	KG6DX	W4DC	WF1H	K2DC
JA3EY	TF3JB	W5UHQ	WI8R	N0STL
K3HW	W4DAO	W7PAQ	WV2I	N2ZZ
KC6JAM	W4HZ	WA1NXC		N5FEE
LA7EIA	WD8KND		190	OZ9XU
N1IA	WF8R	193	AA4U	WV4V
PY3VB	XE1H	7L4VYK	AG5CN	YO2DFA

187 AF6PK JA3EEM JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV	N4MIK N8JS NG9J NW7M SM2EJE UT7KF W6BK WB2HJV WB3BFC WB5STU WX0Z	UA9AEU W5JMW WB9B WC0W	JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* N4GBK SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	JR3TOE K0PC K9HQM K9UQN KN7Y N7NW N9IO W5WI W7JET WA4BIM WA4NUF WB8QZM
186 AA8KY CT1ESO JE3FOR JN4FNZ JR3ADB K1BZ K4WM K5EWS K5QX K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	183 JA2KSP JA3UNA JA4GXS JE4CIL JF1LZQ K6LRN K7STO N7JB W6TK WA7BNG YB2TS	180 A61BK AA4AK IK1ZNM JH1IZR JK1EBA K8SL KD3HN KI6MQX NA5S VR2XYL W4DSM	176 AC0W DL6NW F4FLF HL1VAU JR1FHP K2RET K5CR K7CTV KK7YC KT8D N1JP VE1VOX WA3GNW WD4IXD	173 AB6CF AE0MO A19U EA3HDZ HB9DVZ JA5MOO JJ1BDX K4SAF K6UNE K8JE K9QJ LA9VBA N4BAF N5PA N7HN N9DR NA6O NC7B NX2X SM0EUI SP2LLP W2PD W7VAS WC4X WY7FD
185 IU0ICA K3PP KE5BR NZ3M NZ5O OZ3SM UN7BK VK2AAH W0QC W2WG	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K7LAZ KG4JSZ KS0JD LA5LT N8NB VU3CAU W6FL W6SFK W7WZ	179 AA5TL AB4GE DL5MHQ G0OSK JA0ED JA1BON JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* N4MI N5SIX SP5ELW W0ZS W1HS W4CCS W4GHW W4TUN	175 4O3A IW1PUR JA1PVX K1ROA K4WY K6NR KD4POJ KF6HI KN7D KW4J N7GCO N7NG NS3L UA1OM UA9AGX VU2YYF YB1RKT	172 AA5N G6MXL HK3PJ HL1MKT JF3VEC LZ1XL N3AO N6VH NC1M W1ASB W9CSX YB4IR ZL3RJ
184 AD6ZJ AE5FM EA5RU EI1DG G4AYU IK0HBN JE3PCP JG1DUZ JL1JVT K0RAR K3JM K8EB KD2SC	181 EA6UE EI3CTB IZ4AIB JA1SZN JA8KAW JH8FIH K1XE K3VAR K5UZ KY6R N0SL N1HO N6VS NV4A PJ4/NA2AA	178 AC0DQ EA8AXT IW0BYL JA1ERB K1ZE KL7TS KU1T KW9U W7HUY WB6AXD	174 AG4Q DL5KUA IU4BJC JH1CTV JL6USD JQ1PCX	171 AD3C
177 4X6UU IW8CGX				

CT2GZE	RD3BD	SV2CLJ	W1XV	161
DL5MM	SV1IZY	VA7DX	W4IDX	9M8DEN
F9CI	W0AIH*	W3DIY	W6SIY	HL3ERJ
G0THF	W7IAN*	W4PGC	WA5CMI*	K2OP
IW5EIJ	WA6QGH	W8SAX	WB4MM	K3GW
K2TV	WB8EKG	WA1ZIC		K4AR
K4NTO		WA5NOM	163	K9UO
KB0V	168	WB3JFS	AA4OC	KM4A
KC5LK	A92IO	YO3AIS	AB2E	N7QT
KP4DKE	EW1P	ZS6IR	AI4QQ	N7VZ
N7WI	JA0PZJ		AK9B	NA6XX
N8WRL	JA4FKO	165	EA1AZ	NA7RH
ON6MX	JH1ORA	AG6HE	F4CPF	OH3DP
W0MU	JH3EQP	CU3HN	HA5BSW	OK2ZDL
WA4DOU	KB7QFE	EA7LS	HB9ARK	SM3PHM
WA5KBH	KF9LI	HB9MXY	IU5RTR	W3UNX
	LA9KY	IK0XIH	IW0ECV	W4MA
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AD5MD	LX1CW	JR1KBJ	K0ABC	W6DOE
DL2JIM	OE1ALW	JR6LDE	K0CF	W9GG
EI5KO	R4FAN	K3VPZ	K3GO	
EI6AL	SV1XV	KC3AK	K4GN	160
JA1GVT	VR2MY	KG4CUY	KE1B	F1OBJ
JG1GJH	WL7OU	KG5NP	KW4MM	JA1ITJ
JJ0LZQ		LA2XPA	LA1CO	JA1UOA
K3GT	167	N1QY	N0AMI	JM1JZN
K6JJ	HB9GWJ	N2RJ	N4KM	JR1CAD
K7CU	JA8BOV	N3KS	N7KDT	K7LY
LA2GH	JE3OUW	PT2ND	N9LEO	KM2E
LB7ZG	J13BFC	RA0BA	R3IS	KM2O
LX2SM	K0SRL	RL3BZ	SM7CZL	N0IW
N3WD	K3GGN	VK3TC	VA2LC	N4MEC
N4VN	KB8NTY	W2FS	W1OK	N5WA
N6EM	KE3X	W4CIR	W8FN	N8IL
N8VV	KH6XT	W4DWS	W8MIL	N15F
NJ6W	KV7N	WB2WPM	XE2YWH	W1TO
NX4TT	N1ZJ		YO3DDZ	W9FF
SP7QHR	N4PL	164		W9NIO*
VE1OP	N8OQ	AA1BS	162	YO8CRU
VE2YG	NF7D	AC4BT	4F1OZ	ZS1C
W0OGH	PY2SEX	CT3DL	AB1J	ZS6RJ
W4PGM	WA0SXV	DL7JRD	BH4IGO	
WA4USA	WA5NFC	EI6IZ	DJ7JC	159
WA9IVH		IZ0GVZ	DS3EXX	AA3AZ
YO4AUL	166	JE2DOD	HS8KAY	AD0TR
	AL7R	JH1BHW	JA1IHD	DD0VE
169	DL1SVA	JR7XOD	JG2LGM	DK8IZ
DM3CW	GM7NZI	K0YL	JR4CZM	EA1P
HB9GIV	HL4XM	K6CF	K2HT	IZ0FUW
JA1KXT	JA0NZR	K6GFJ	KC4HN	JG1WNO
K1EDG	JG3KMT	KA1API	NP3CW	K0IO
K8ZZU	JR6GHN	KB1HY	NS4X	K5DXR
K9OT	K0FLY	KD8MQY	OE6BME	KN6VTC
KF0RQ	KN4FO	N2XQM	W4NBS	KO4DKI
KI2D	KR4BD	NA2P	WA1LAD	LA8ZAA
N5MT	KR4DA	PT7DX		N1MD
N6MB	NU4Y	S50B		N4VG

NE5S	F5NNN	NE5W	K5KEW	K8SMC*
TF4M	G4FTC	VE3FAC	K7LAY	K9EXY
VA3NXM	G8BCG	W5TMC	K9AAA	KP4DS
W1EBM	GM3WIL	W8TM	KE4BKL	N0LGU*
WA1W	HB9HHH	WA9MAG	KE8G	NE0U
WD5BJT	I4JEE		KK4CLY	NR0Q
XE1MW	IZ4IRO	153	KQ5S	NZ0O
ZS6C*	JA1CCG	HB9BEM	N4AA*	RT0F
158	JA2ODB	JK1AKA	N7MB	UA9MC
9J2BS	JA9RT	JR0GXA	NU4I	W1DAR
G4SGX	JF2RSF	JR7MAZ	SM0NUE	WA1EHK
IK3DVY	JL3DGI	K8RCT	VA3EJN	WB1ASL
JJ1KXB	JM1LPN	K8ROK	VA3HP	WF7T
K3LL	KA9OKH	K9MMS	W3HER	XE2B
K4HQB	KD4EE	K9UWY	W5WLA	148
K8GWU	N5QZ	K9YZ	W6WA	4F3BZ
KB2XJ	N7RD	KK4XL	WA6MRK	A71AM
KC9WPS	W1MR	N0VVV	WA9JWL	AI6P
KF7NN	WA1KXV	OH3FVP	WB1DX	CU7AJ
KJ7NO	155	SP5NON	WC2C	EI7GY
M0MCV	5P5Q	W8PE	150	JF2AIJ
N4XMX	DK3QM	W8VK	DK3BK	JR3PKO
N6MM*	DM5JBN	WB4SON	DK3FB	K0QB
N8TFD	IV3TDM	152	DL9SAD	K5LY
N9AZZ	JA0EBV	AC6BW	EA7LL	K5VG
PY2CP	JA6SUY	AE5B	EI5GM	KA3GWD
W0JMP	JH1AQN	BX5AA	HB9ECS	KB8ZUN
W8LIG	K2CJ	DF2WF	IT9ABN	KD3UY
W8OM	K2DF	DU1KT	IZ2MHT	LZ1MDU
WB2RAJ	K4EZY	G4AFJ	JA7GZM	N1ZZ
WB9ZNZ	K8WHA	IK5BSC	K5HK	TF5B
WT2P	M0IFT	K1IG	K6VVK	W3IZ
157	N5JED	K2EK	K9RT	W4AFB
E20YLM	N8IK	K4RDU	KI7M	W4AG
EI2JD	NO9E	K6LPO	KX5U	W8VI
F6KOP	NU1T	KD2OV	N0TK	W9GM
JA1UBZ	OE1HHB	KE9S	N6JOJ	W9MAK
JA3MHA	UT7EC	N2TC	NC6RJ	WY0V
JG1XBM	W3DQS	N9GKE	NM4SH	147
JH2AJY	W5SV	NJ1Q	NZ6N	AB9KZ
JH2NWP	YB1AYO	ON4LG	ON6ZV	DL6DCD
LA2IR	154	ON8PHD	SM0BSO	G3VQO
N0LD	AC8TO	R9JX	TF3Y	IS0/YO3RA
N4QM	DS5WQT	W6RFF	VK1AX	JK1OTP
N5JEY	HK3J	YV4DYJ	VU2NXM	K8MRT
N9MB	JA0GZZ	151	W3KB	KB9LIE
NH6L	JA4HXF	DF1IR	W4NE	SV8RX
NJ6K	JA8ANQ	DL4KUG	149	VR2VGM
NK7Z	JE6PJP	IK8OZV	7N2JZT	W3KN
PY1NS	JR3QHQ	IZ0FYW	DL1MEV	W3NRJ
W3HKK	KC1ERO	J68HZ	DS4DRE	WB1S
156	KC4DM	JA2BUR	ER0FEO	WB8TGY
AA4DD	KJ2U	JE1COB	JA0JPD	146
EA3HPX	KL7NW	K1QN	K2KIB	AB9BH
	N7TM	K4DET	K4TXJ	

EA4D	N9MSG	W1NA	G0FWX	K8CQ*
F6FHZ	RN0C	W5GOL	GM1TBW	KI2Y
G3LAS*	UY2UZ	WK9U	JA0CVC	NT5EE
HP3TA	VA6SZ		JA1VRY	ON5GF
JA3KWZ	W2FDM	140	JA6NQT	ON5RKN
K7QBO	WX2CX	AC9GK	J11DMH	OV2B
K8ARY		AD9DX	JQ2MPJ	VE3FRR
K8POM	143	EI6JK	K2YSY	W0ANZ
K9AAN	AA4MM	K0UBR	K9BO	W4GH
KM8AM	AF3X	K3HPA	KC9G	W4PV
N1BRL	DB4RG	K5GZR	KD2RUY	WX2K
N4KEB	FM5DN	K6EV	KF6A	
N6FS	HB9AAA	K6GCN	KM4CQG	135
N6RK	JA1MOD	K7VC	KU9S	AB4FH
N9MR*	K2OO	KB1OIQ	N3PV	DL4ZAB
N9XG	K9BQL	LA8PDA	N9BVA	DL6WM
SM3DXC	K9MQ	LZ2HM	NT9F	GM1BSG
VE3NKS	KE4FW	N7TW	OD5YA	GM5YTT
WA2MUA	KG6D	NS0D	PV8ABC	HZ1GW
WA3SKQ	KI4R	NZ9Z*	V31CQ	IW1GEU
WW8RT	KJ4R	PA0QRB	VE3MSC	JA1DCK
WX3P	LB2TG	SQ2BXI	W0UHL	JA3MIO
WY9V	N2YBB	W5VU	WA5POK	JA7MWC
YB1BML	N4UP	W7SX		JF2OHQ
ZS6UT	N7ZA	W9BS	137	JJ1HLL
	TG9AJR	WW6G	DL2RD	JL2ULM
145	W4UFO	YB3MM	G3PSM	JM1CMA
5T5PA	W7VS	YO4CPO	JH1SBE	K4OP
7K3QPL			K2CDJ	K5SES
AA5H	142	139	K2RKJ	N6DW
AC7JM	HB9TJG	EA3NG	K6IRA	NX8Y
AL7TC	JA1PUK	F5VML	KB3IFH	S53MJ
EA4S	J11UHZ	HB9DTE	KI0HA	W5IO
IZ2CSX	K1AJ	HL4CBX	KP4N	W7QHE
JA5SEY	K4AU	IZ8EYN	N0YO	WA7HR
JJ1OKK	KA6BIM	K2IRM	N9NFT	WB3AVD
K3EJ	KE7BMG	K2WJ	NI4Y	WB6FWS
K5FXB	LA1J	K9TRV	OE3JAG	WB9IWN
K6CW	N5RN	KB8KIM	PY3OG	W05I
K7YMG	W7KKC	KX4I	SM5CSS	WT3Q
KF4JHG	W8WV	M1EMC	SP3EPG	WU1U
KS0M		N0CKC	TA1AL	YO3GJC
N6KK	141	N2SG	W2GGY	
W2RS*	9H1AE	N7UJJ	W4UEF	134
W7NP	EA1T	NF6P	W4VG	AB0RX
WR7Q	EI3ISB	PY2OP	W9MR	AE7U
	F5DBT	R9MJ	WA0WOF	EA6AZ
144	HB9EXQ	TA1PB*	WA5YOM	HB9PUE
AD7Z	IZ3XEF	W4EJG	WG0G	IZ8DEO
EI7JZ	IZ6ERS	WA5YNB	WS1F	JA6GXP
GM0VIT	K2JK	ZL3TE	YB2IQ	JH7RTQ
JJ1XVA	K4RM			K3KY
JR1HYA	KA5SYP	138	136	K7FL
K1TKL	KA5VFU	AC5AA	IS0EBO	K7RAN
KS8W	N1BCL*	DL5KUT	JA0AVS	K7YZO
N5PD	SV2JU	DL5ZB	JG5DHX	K9JDP
N5UE	W1ITU	DS3EXT	K3WGR	K9SUH

KA9JCP	N3TR	129	WA4UWD	N5HC
KC2STA	N4EDT	AD6KQ	WC4V	N8YQX
KF5WCP	N4QOG	CR7BRV	WP4CQ	NC7M
KN4OK	NN3V	DS4EJA	WQ1H	VE3TMG
LB5GI	ON6YH	DS4OMS	YB0AZ	VK2DAG
N1AH	OR4K	IK8PGE	ZS6AKU	W3ATV
N6XT	OZ3SK*	JA1PLT		W9COS
SM3WMU	SM7DXQ	JA2ACI	127	XE3E
W2KNG	UW7UA	JA3WMS	7Z1HL	
W4UAT	W3KHZ	JH1RFM	AG4TO	125
W7FI	W4MC	JN1SUT	DJ5DT	AB5GU
XE2AD	W5FL	K4CNF	DL5FAC	AC4XO
	W8PAT	K7ORK	EA4TX	EI8GS
133	WA1HXX	KB4KBS	EI4BZ	G4EHT
7J1ABD	ZS1EL	KS4WA	HK6K	JP1GVC
DG1SGW		KX7L	I2YPY	K1FUG
DL8OH	131	N9AVC	JA0BES	K4TG
G4NBS	JA9EJG	SM2YIP	JG1LRE	K5NOF
HB0WR	JH1IYY	VK5CE	JH1HRJ	K8YAH*
HK4EB	JK8VMB	W7TG	JJ1MNT	K9ARZ
JA1IFD	K0ARM	WU7X	JJ2VLY	KK5J
JA5IBP	K7GA	XE1ILI	JR1LZK	NN6CH
JM1JIV	KA5IAU		K2GW	SM5AFU
K6ME	KD2NF	128	K7LFY	W0XE
KD0KZE	KN4WOJ	A71XX	KF3N	W4AO
KG6WIK	M0NGN	AF8C	LA2LI	W5CWQ
KI4TZ	N0AKC	EA1AHA	N0AB	W6ELI
KK7MNC	NG4DX	EI3IO	N1BZ	W6PG
N1BKB	NN6K	F4GTB	N3GTG	WA4TMJ
N3HYB	W5EC	HL2DBP	NA1RL	WM4AA
N5EI		IV3TMV	ON5EQ	WR2G
OH4KRN	130	IZ1UKF	VE3EDY	ZL3PAH
OH7HM	AA4QE	JE2VYM	VU2TMP	
VU2ABS	DL1SWN	JH1AWJ	W0MF	124
W1GY	JA2LMY	JH4GXE	WB2KSP	DJ3EJ
W3GP	JH3PRR	K0MD	WB9TFH	EC4KW
W3MF	JL4BSE	K6OJ	WC2L	EI8IQ
W6OUL	K0BX*	K7PTC		G4RGK
W9SE	K2MHE	K9YKL	126	IK7ZLW
WB2AA	KB7V	KC2THY	EI4HH	IT9YOZ
WC2W	KD4CM	KC2WUF	IK4TVP	IZ5BYJ
	KG2U	KD5R	IU8GNY	JA3AOP
132	KK7BR	LU6XQB	JA5CDL	JK1MJE
7L3SQL	KN4JX	N0DL	JA5XPD	K3SUI
AA4FU	N1SZ	N0JR	JA8WGX	K7HC
AK3E	N2YF	NI0P	K0AIZ	KB8DID
AK6I	N6BDX	PV8AJ	K2GLS	KC2NJ
I8NLC	NS4F	R3BB	K5KDX	KC4AA
IZ0COI	OZ6TL	TF3MH	K5WRE	KD9ZR
JA9KRO	PU4MMZ	UR9IDX	K7PO	KE8NOA
K4BNF	W1MO	W0QD	K8GT	KK4TKJ
KB4DSL	W4BH	W5MF	K9QA	KV8P
KG8OU	W9CTJ	W6IS	KC5RR	N4LSJ
KI7HO	WB8RFB	W8BI	KK4CB	N5VBK
KK5ID	YO8PS	W9EBO	KW4WD	NT4K
KY6AA		W9TO	N1GNB	W0DD
M3DFW		WA2BOT	N2SCJ	W6ND

WF5I	KB4ET	DS3DNT	WJ1B	NG0G
WW5L	N0UCR	DS5QLJ	ZL2AO	VE7NY
ZL3REX	N4GRC	F5AQB		W3LWH
ZS6NK	N9ATD	IK8IPL	118	W4ARK
123	UT9LC	IT9JPS	6K5AQY	W4PG
AB4BJ	W1ES	JA1DCO	AE1T	WA6VZN
AI5EG	W1HEO	JH5OTE	AJ6X	WB9WHQ
DJ6OZ	W1KKG	K3QB	DJ9KM	YO6HOY
DS4DBF	W5HNK	K4IE	IZ0RPS	
G6NHU	W6HB	K9CHP	IZ1JIZ	116
IK0XKP	WA7HQD	KJ6Y	JA1CCH	6K2ILX
IZ8LMA	XE2MX	KM5VI	JA2KPW	AA0FT
JA1GLE	YB5WIR	LU3XX	JA3KKE	CT7BQH
JA2HOL	121	N1TQP	JA6CMQ	EA5GXI
JH1RVQ	AK0A	N2SO	K9KJS	G8GHD
JL3RNZ	DL7UGO	N3DV	KA9JAC	JA5GOJ
K2JGL	HA2EQD	N3GS	KB3KJ	JF1AZQ
K3DQB	IK6BMU	N4PGL*	KD9BIE	JR4DHK
K7IU	JA1CPN	N4UFP	KG5VK	JT1CO
KB1W	JA1EYN	ND0C	KM6WXB	JT1DN
KE7AUB	JA1WTO	NJ8G	KX6C	K1EO
KG4OJT	Ji5WDC	NR2D	LZ1XZ	K4GHS
KN9N	K1LTJ	VE3QAA	N2ADE*	K4LCP
LA2XNA	K3CWF	VR2ZXP	N2CJN	K8JRK
N1ECC	KK4ODQ	VU3RGB	N4ZY*	K8MN
N1GFV	KU2A	W1MJC	N8KUS	KC1RET
N4DOU	N0TR	W1RG	NA9L	KD5RBU
N6DVR	N3ER	W3MRL	R6TY	N0ATQ
N9RE	N5ZY	W5RYA	VR2CC	N2ZL
OH3TY	NA2R	W6GJB	WA7ZXD	N3CAL
PY2ADR	NA4MM	WT5L	WA8RCK	N7LL
SV7CUD	NY4G	119	WB5TOI	OE6CLD
VE3VHH	OZ6EI	AF9W	WD0ANB	RW6MBC
VU3WUA	PP2FN	DL2VWR	ZS2I	SM1NJC
W2ARP	TA1L	F5BAR	117	VR2IL
W2WGK	TA7AZC	HL2MHU	CE3FZ	VY2RU
W4UT	UA0FDX	JA2KGQ	DL9QJ	W1HQ
W7WES	UR5FLN	JA6JYM	F8EZE	W7QC*
YB9WZJ	W0LGQ	JA7HYE	HB9MZI	W9LU
ZS1IS	W3/NH7C	K0FJ	IS0BZR	WA4VJK
122	W3JXP	K0JDD	IZ7QFN	WT9U
5H8HZ	W4CC	K2CQW	JA9KA	WW5RC
AA0BH	W4KCM	K7LOL	JM3GXU	
AA5B	W7PC	KG5POL	K0FF	115
AB5YI	W9MB	LU9DO	K3UT	AA9WO
DL6LZM	WC9C	N8ERL	K4AEH	AF7WM
G0HSA	WQ8T	N8LCU	K9LCR	E74A
HC1HN	WU9D	SV1BYI	KA4AHU	EI4GNB
JA9ALR	120	SV2KF	KB2S	HL4RBR
K0HQW	AA2T	TA1HZ	KB5CSQ	IW2FLB
K4OCE	AC4TO	VK7AP	KE9V	JA0NPQ
K4VAC	AE5LK	W1ZK	KO4PY	JH8LEY
K5TU	AI2S	W6ZPL	KP4ED	K1RE
K7BWC	CT7ABD	W8EOG	KZ1X	K8CR
K9KJ	CU2CE	W9JJ	N2IFA	KA1CTL
		WF8Z	N8AGU	KB4CRT
				KG4URP

KW1X	K2KNB	W1USN	K9TVG	W8MSP*
MM1PTT	K4JDJ	W3WN	KF6XA	WA6URY
N7PIB	K4JLD	W4LLP	KF8PD	
NE1RD	K4TR	W5GCX	KN6HIP	108
NW6V	K7MO	WA1DD	KO4LEM	7M4CLF
OE5MPL	K9DUR	WD8LTM	KV3W	AC0XY
SP5BMU	KA5OWI	WF4W	N1TQ	AC8MR
TF3G	KB2TGU	WM4D	N3TTT	AC9DX
W4OV	KC0V	WN1M	N3YZ	DB9CR
W5WS	KH6P	WW6W	TF8GX	DK1MCS
WJ5K	LB8CA		W1ZZ	DL1TPY
WS4H	LU3JVO		W5JE	DL2AMD
	N4MC	111	W6TCP	DL2NAI
114	NC6R	AK4N	W7UV	DM5TI
EI2IP	S52R	EI9CN	W7YED	DU1IVT
G3CWW	SM7TZK	F8DZY	W8TE	EA5XV
G4HUN	SV2DSJ	G4FVZ	W9GFB	F5VIF
HC1HC	VA3AYA	G4PUQ	YB1SKR	G5CL
I0BJV	VK7ZE	G4ZWY	YO5QAW	HL5JYS
JA1CPU	W1FC	JA5EEU	ZS5LEE	IK1RKN
JA8EIA	W3JM	JA9IWR		JA2DCN
JG4OOU	W6BBS	JE1TNL	109	JH1OVY
JM3XZC	W6KF	K2KYH	AA4RX	JR4NUN
K3PL	W7CD	K5NV*	AC8AZ	JS1LQI
KI8AE	W7SMW	K8ZEE	AF3K	K3XO
N3DD	WB2UFF	K9JIG	E70X	K4PWS
NA1DX	WB9YJE	N4NYY	F8DHE	K8LBT
NG8T		N9ARX	G0MMI	KB2GCG
NK5K	112	NT5O	JA1IAW	KC5N
TF1A	3C3CA	P40P	JA1QEY	KC8YG
W0QKL	7Z1CQ	PT7CB	JH4GNE	KE3ZT
W2ZK	AD4YQ	TA1UT	JI1IZS	KG4IYS
W8LR	AJ6V	TA2RC	K0FD	KI0KN
WD0AJG	EI8JB	W7WT	K0TI	KI4SFT
WN0L	G0DTX	WA1JQC	K4AEN	KJ2AM
YB2BNN	G3VAO	WB8PKK	K6JAD	KJ4SKO
ZS4JAN	G3YFE	WU4B	K9JE*	KO4XI
	GM0SCA	WW4N	KB3Z	LA4EI
113	IK4EWN	XE1ZTW	KB7DT	LU2AH
AB1NS	IS0BQE		M0AQM	N5FPW
AC0B	JA4DLF	110	N4LS	N5TW
AD7XG	JA4RED	AG5Z	N4WD	NJ2X
AJ4AV	JF3AHI	CT7ANG	N6RVI	VE7VV
DL2DCX	JH0LME	DK4MX	N7TP	W4DVG
EA5DPL	K0XM	EA1BLA	N8XS	W6CN
EI2FG	K4HEB	EI9HX	NN8L	WB5ZAM
F5EOT	K4ZMV	G4VWI	NS7K	WB8LEM
F8GB	K4ZRJ	HB9BEP	NW6R	WC4B
G0UII	K8CJY	HG6IA	NX1P	
G4NAQ	K9KDS	IZ1EPM	PF7M	107
G4YCS	KW8I	JF3KOA	PV8DX	AB7RW
HB9GZE	N0OK	JR2PAU	SP7ASZ	AK1P
JA2CPD	N8AID	K3MSB	T88UW	BG8PA
JA4CSJ	NQ4A	K3WSU	W4JDS	DJ5FZ
JG0HEW	NZ7Q	K4KAL	W5SG	DK2GP
JH1GNU	S51DV	K4RP	W7CB	E73D
K1JKR	SV2BXA	K6DJ	W7VP	EA2BFM
		K6SLO		

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JA3MAT	N4DJT	PV8RR	VK3MB	102
JE1CTA	N6UOZ	VU2DED	W0VU	4X1VF
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K2ZD	N8OYY	W1MRH	W7KHZ	DB2WD
K4LQ	N9ZJ	W1PY	W9GXR	DL4FDM
K6DLB	NG4C	WD4OHD	W9SMN	IZ7QSS
K7UWR	NI7F	WK3A	WB4HMA	JH1HG
KA4LBD	PT2DF	WK7W	WB7QXU	K1MDA
KB0EL	PY2OC	WZ9B	WX0B	K2DH
KC1GN	UA0ABB	YV4EH	YB1BUL	K2DW
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KR4U	VU2MB	AA2WC	103	K6JAV
LU5OM	W0TLX	AA6XV	AF8P	K7JH
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N1UZ	W7GB	DD8BA	EA2RY	KB1AWM
NI8Z	WA3IIA	EA4EJP	EI9GLB	KO3F
PP5VA	WA8Y	EI3HA	FM4LV	N2FY
RM6LW	WV4E	F6ARS	HB0RER	N4IR
SV3EXP	YU1LD	G0DRM	HL2ADO	N8KOJ
TA1CQ	ZL3RIK	GI3SG	IC8SQS	NA4D
UX5XK	105	GW0ANA	JF1KIG	NN5O
V31MD	AA2F	HA5DI	JI1FXS	R9GM
VA2GA	AI1W	HB9BMY	JI5RPT	S51MA
W5HY	AP2IA	HS3OY	JP1KHY	SM0XG
W8JA	DL9GTK	JA1CC	K0FTC	US8ZAL
WB2BXO	E29TGW	JA1DHY	K0LU	VK2GR
WB2MKX	EA2AA	JA1RBY	K0OOK	W0RMS
WM4W	EA4E	JH1MYJ	K1FBI	W0ZX
WS7I	EI6GF	JI4HKA	K2RNY	W1GF
ZP6CW	FM5FJ	K0BRO	K3PIN	W4ASE
106	G3LOJ	K0HB	K3TXW	W7FS
AB6WQ	HL4GHT	K1TWF	K4NI	W7HJ
AC7DX	JA1JYS	K4KZM	K4SAW	W7IMU
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DS2GOO	JE6UWU	K5JUC	K7HV	W9TVX
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EW4DX	JS2IYY	K8WVA	KP4DDY	WB7QBS
F6JSZ	K0DKR	KE4YOG	KQ6K	WD6T
G0OJG	K0MB	KE8Y	M0UPL	WD9IOK
G0RPM	K1RI	KF9EX	N1MIE	WN9A
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HI7SB	K7CMZ	N3PW	N5OP	YB0EIN
HS7WMU	K8FB	N4PAJ	N8URE	YB9AY
JA3FRI	KJ8N	N4ZR	NB3R	YO6BHN
JF7NNI	KK4MA	N8TEM	NI5G	ZS2ACP
JJ1IRS	KZ4EX	N8WXQ	RX3BP	101
K1XO	LA9JKA	NA8W	VE7XT	AA9D
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K6VWE	N2YU	OM6CI	W2SUB	AB4EJ
KA9TOX	N9APK	OZ9U	W4CU	AB8YZ
KI4NSP	N9IXD	PY2YW	W8EH	

C31MF	WA1INC	K2UF	SP7LPD
DD9WG	WB5KSD	K2UT	UR8IDX
DL3XAC	WM5H	K3NO	VA2EU
EA4OR	WU6K	K3RRR	VE1JF
EA4UV	WX7B	K4GM	VE3KKB
EA8TZ	XE1AO	K4KYN	VE7ON
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G4GEE	YO2OXD	K4RSA	VU2OY
G8GNI		K4TMG	W0WT
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IU2LFP	2E0XAR	K5MMH	W2PTP
JA1KZP	7L3IUE	K5PSN	W2XX
JA5ALE	A41ZZ	K5VSD	W4CG
JA5JUG	A71EM	K5YE	W4DFU
JK3NSD	A71UN/P	K7RB	W4YR
K0GEO	AA7UN	K7VL	W5YKU
K3AXB	AC0DH	K8DTF	W6OZI
K3LA	AC0WL	K9EA	W9KM
K3SNO	AD4J	KA2F	W9ZT
K5HX	AE0SQ	KA4H	WA2ALY
K8ESQ	AE4VJ	KB6IGK	WA2VJL
K8PGJ	AF4OZ	KD1DT	WA3UTC
K9GL	AI4EY	KD5FVZ	WA3YZD
KB5RW	AK4AO	KE1IU	WB0RXQ
KB5YN	DB6VH	KF5MDZ	WB2ZEX
KC3OPI	DC1TK	KI0G	WB6RAB
KC4ZA	DK7GH	KI3O	WB6RJH
KC5W	DL3ANK	KI4PG	WD1M
KD4SR	DL5JH	KK6MF	WD4GZW
KE9UA	DS4GQR	KL2R	WD8CW
KF5TL	EA5PS	KL7KK	WI0E
KJ5RC	EI2HZB	KL7XO	WM9Q
KN4AMX	EI4DQ	KR4Q	WU1T
KU4A	EI4GJB	N0JX	YB6LAY
LA3ANA	EW4A	N0KM	YE1AR
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M5LRO	G0GFC	N1KI	
N4PF	G8GFF	N3NVA	
NC8I	GW0KRL	N4FKH	
NZ1I	HB9AJY	N4GOA	
OZ5JQ	HB9HFM	N5CR	
PA3AIN	HB9IBA	N5LJL	
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RZ6MJ	JA7PKV	N7WFK	
SV4FFL	JE7KCI	N7WR	
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UA4PK	JG5VFK	N9MKC	
VA3QBR	JH7UYN	N9PN	
VK4BUI	JI1LLD	ND0B	
VU2OT	JN1RFY	NE3K	
W2FDJ	JR4VEV	NJ8J	
W2GHD	JS6UOU	NX6D	
W2GM	K0PG	OM2AGN	
W3RMS	K1HC	OZ1GCT	
W3SW	K1JX	OZ9GA	
W4PM	K1NV	PY5VC	
W6OU	K1PTF	R2AB	