

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 27 Aug 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	K2FF K5NA* N3XX OE3GCU SP3EPK W0MHK W1YY WD5COV	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 JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 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 W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR		337 AA6YQ AG9S I4AVG JA0EOK JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WB6RSE		
345 HA0DU OH1XX			334 DF3GY DJ9ZB EA4KD EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF*	
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 CT1EEB DJ2BW* JA3FYC K4UTE K9QVB* SM3NRY W2LO			
343 DF3CB K3FN K4MQG K5UR N4CC SP5CJQ VA3DX W3UR	339 DL4MCF JA1UQP JA5EXW JA5MHD K4XO K5RK N4CH	336 AA1QD G0JHC JA1BK JA1WPX JA5AQC JA5AUC		332 AA7A AD5A DF4PL EA5RM

EU7A	K4ZYU	EA1YO	K9EU	SV1FJA
EY8MM	N3NT	I5NPH	KA9CFD	322
F6BKI	N4JF	JA5WIZ	NY0V	CT1BH
HB9BZA	N8JV	JE2LUN	SM5KNV	EA2IA
I4MKN	NO8D	JH8RZJ	SP7VC	F5PAC
IK5HHA	OK1MP*	J18DGO	W6RLL	G0OIL
JA0UUA	RA3CQ	JJ3PRT	W7AO	IK4GME
JA4DLP	SM5CZQ	JR3GWZ	W9OP	JA1XEC
JA7MSQ	SP7GAQ	K9YY	WB4TDH	JA2JNA
JA9RRH	SP9DWT	KW9A	324	JA4FKX
J12KXK	W1ECT	N2BJ	AA8CH	JA9CWJ
K0EU	W3NO	NK1K	AB9V	JJ2LPV
N2LT	329	OE2LCM	DK9KX	K2UO
N6JV	CT1APE	PY2YP	DL5DSM	K7NN
SP8NR	I4EWH	RZ3AM	FK8CP	KU0A
UA4HBW	IT9DAA	SM2GCQ	G0DQS	KX4R
W4DKS	IV3JVJ	SM5DJZ*	HB9BIN	N4DW
W5BPT	JA2JW	SM6CCO	I0WDX	N4NX
YU1FW	JA7KY	SP1S	JA2DPC	N4QS
331	JE1SYN	SV8CS	JA7JWF	OH1LEU
9A7V	JF1PUW	UA3AB	JO7WXN	ON4CD
AA1ON	JH0INP	W1RM	K0CA*	R7DX
DF2RG	JH1TWT	W3LL	K5KC	VE1DX
DJ9HX	K9IR	WP4U	K5MC	VE3LYC
EI7BA	N5AW	326	K6FG	W4FC
GM3POI	ON4IQ	EA5BY	N4II	W5CIA
IZ5EKV	OZ1CTK	IK5PWQ	N8BM*	W5TCX
JH2FXK	SP6M	IZ0AEG	OE1WEU	WI8A
K1HTV	W5XX	JA2BDR	OE8HIK	YU3AA
K4CN	WA1JMP	JF3KON	PA3EWP	321
K9CT	YO9HP	JF7XKY	PY5EW	AA4V*
KV7K	328	JH3CUL	R3OK	DK1FW
LA5IIA	AA5AU	JR3OEH	R3VA	G3TXF
LZ2DF	DK5WL	K5EK	RV3LO	H0CC
NI0G	DL7MAE	KF0QR	UT9FJ	IK2YCW
NR1R	EA3GP	LU2NI	W8OI	JA0GJJ
PY5HOT	EA5BM	N1NK	W9OL	JA3AZD
R4GM	JA9APS	N4JJ*	YV1DIG	JH1IFS
RA7A	JR7VHZ	N4PQX	323	JH3VNC
SP6CIK	K0DEQ	N7RT	AD1C	JH4ADV
VE3FF	K4QL	ON4AOI	CT4NH	K2VV
W4UM	K8PT	OZ1AXG	HB9HFN	OE6MDF
W5OZI	RU3FM	R5AJ	IK8YTA	OE8RT
W8UVZ	SL0ZG	UA4CC	JA1ANR	SM6DHU
330	SM4EMO	VE2TZT	JA5XAE	UT7UJ
DJ2YA	SM6CMU	W8DCH	JF1KKV	W3GH*
DL1AMQ	SP5DIR	WJ4T*	K4EM	W8GC
EA7TV	SV1RK	325	LA7HJA	WB0TEV
HB9AMO	W2IRT	G4CCZ	N5TY*	320
IK4BHO	W5FKX	GM3GAV	N5XZ	DJ5FI
IK6DLK	327	HB9DHK	N8RR	DM5EE
JA1ADN	AB4IQ	JL1RUC	NE1B	G0BLB
JA3EMU	CT1IUA	JR2LJO	OH2BLD	I2EOW
JF1WPB	DL2OE	JS2LHI	SM6DHF	IK4DRR
K3WC		K8NVR	SP5IWA	

JA2IVK	NQ1K	JA0CRI	K8FL	RA0FF
JA3PIS	SP3CGK	JA8RJE	KG4W	RL9F
JA8LRG	UX0FF	JR2BJE	N4TL	SM2OAN
JR2UBS	YB5QZ	K0KX	N8KOL	SP6HEQ
K1LD		N5OK	N8TR	W0YG
K9MM	317	NN4R	OE3SGU	W4BP
KQ8M	DK2NG	OE3EVA	OZ4O	ZS1LS
SP1JRF	DL5WW	ON4IZ	WA5VGI	
SP1MGM	HA1RB	PY2NQ	ZS6EZ	309
UX1UA	HK3W	SP3IBS		JA1IOA
UY5ZZ	IW1ARB	SV2DGH	312	JA6WJL
VE3EXY	JA2ZL	W7CT	F3SG	JG4AKL
W1GL	JG3LGD	WB9CIF	JA1SYY	K4MS
W3KX	JH1NYM	WD9DZV	JA1VSL	K8QM
W5WT	JR1BAS		JF8QNF	K9ZO
W6XA	K2RW	314	JK1EXO	NN4SS
WA7NB	K5XI	AA5AM	JN1BMX	NU8Z
WD0DAN	K6RO	CT1DKS	JR6FC	R9TO
YO3APJ	K6YUI	EA1N	K1HT	RU3DX
	KE9L	EA6VQ	K3RA	RX3AGD
319	N2NL	G3NDC	N1IBM	UA4LY
AB3CV	W6VX	HB9SLO	N5ORT	VE7IG*
DJ4AX	W9RN	HL2IFR	RU3QR	W2JU
EA8AKN	WX4G	IZ8FFA	SP9JZU	WE9R
IZ8FWN		JA2AH	UT2UB	YB1UUN
JA6VQA	316	JA2NDQ	W8HW	
JA9TWN	DF2UU	JA9GPG		308
J11DHY	DL6CNG	JR4OZR	311	A65BR
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K6AM	IK2QPR	JS3CTQ	HB9TKS	F4BKV
KB0EO	IZ1LBG	K1AR	IK0PEA	HK4SAN
N4DB	IZ2AMW	K2LS	JA1IZZ	IK4ADE
RW3RN	JA7QVI	K4UEE*	JA2VQF	IU7QBB
UA3AP	JA8EAT	K5AQ	JA2XYO	JA1SVP
	JH1SJN	K8AC	JA4MRL	JA7IC
318	K1BD	LA7AFA	JA9FAI	JE2EHP
A45XR	K6KLY	LA7JO	JE2LPC	K0GY
AA4HP	K8YTO	NS6C	JK1GOK	K8OM
AC4G	K9US	OE1AZS	K9RX	K9MK
DL6KR	KG8P	OE1ZL	KC7V	KI0KB
G4PWA	MD0CCE	SM4DDE	KM4H	KN5O
JA1GRM	N5DG	SV1CNS	PY2XU	KS1J
JA1XCZ	SM3VAC	SV1DPI	UR0MC	R7NW
JA4EPE	UA3DPM	SV1JG	US5WE	UR5EDX
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JH1QAX	W9ILY	WB8BPU		VU2NKS
JH4JNG	WA2VYA		310	W1YM
K2TE	YO7LCB	313	HB9CEX	W2QO
K3WA	YS1RR	5B4MF	HL4CJG	W6ENZ
K4HB		CT1FMX	JA1WSK	W9MU
K4IQJ	315	CT1GFK	JA2WYN	WA8WV
K4SO	9H1SP	IK2RPE	JG3FEA	
K5BG	AA5AT	JA1EOD	JH7RXU	307
K5DU	AB6QM	JA5IU	K0KVR	9K2OD
LA2PA	DL1DUO	JF2UPM	K2UU	CU2AP
LB8DC	F5HNQ	JR1BLX	LA9AJA	DK2JX
LU3CQ	G3VKW	K6TA*	R5DT	F2JD

HB9DDO	N9AU*	JA7MYQ	SV1GYG	296
HB9DDZ	NA5C	JJ1TKN	W3OA	AD6W
I5HOR	OH8LXT	JM1FHL	W6TC	CT1DOF
IK0XBX	PA5TT	K4XD		DL1HRN
JA2XW	PY7DJ	ON6AA	299	EC3A
JA3GN	RA9CMO	PY2KP	DM2DXA	EV1R
JE8CLT	SM3NXS	RK4FD	HB9RG	G4GIR
JJ3HGJ	UY5AA	W4QN	IK5RUN	GM0AXY
JN1RQV	W5VY	W7ZJ	IZ4MJP	HB9RYZ
K2SHZ		W9AJ	JA9FPI	IV3YYK
K7WP	304	WA9PIE	JA9NLE	IW0SAF
KB1JZU	CT1FCX	WD4LBR	JH1BNC	IZ0RVI
KC6AWX*	DJ9ON		JJ1DWT	JH4ALY
LU8EKC	DK5AD	301	K0TPP	JH7BKN
N9FN	EI2GLB	AC0A	K4ZO	JK1TCV
NI6T	EU1KY	AE5E	K9SM	K0KT
OE5RLM	HB9CQK	AJ9C	UA9FAR	K8VC
SM5JE*	JA5BEN	EW2A	VE3BW	LA8PT
W5AJ	JA7LGE	HB9BOI	W2GG	N0RB
W7DO	JF2XGF	HP2AT	XE2CQ	RA3QK
W7OM	K6ND	I2MQP*		SM6BZV
W9JA	K8GI	I4KDJ	298	SV9COL
ZS2DL	N7US	JA0DIN	5B4AHJ	UA6YW
	N9RS	JA1LSP	DL7BA	W4VIC
306	OH3NHF	JA1XPQ	JA1FQI	
DL1KUR	R7FK*	JA2ATE	JA4ITW	295
DL5EBE		JE1LFX	JF2WGN	JA1BPA
I1EIS	303	JE2DZC	JL2JVX	K5ZK
IK4PLW	E72U	JG8FWH	JR7WFC	LZ2JE
JA0GCI	EA3GHZ	K1GG	K2PK	N7RO
JE1DXC	G3LZQ	K4SE	K3PA	N7TY
K5WAF	G3SVD	LA5LJA	K5VIP	RM0F
KD3CQ	HL3IUA	RN3QN	K8EUR	SP8HKT
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OH5VT	JG0CQK	VE3EK	ND0N	W6XK
R8TX	K7ZA	W3RJW	PY2IQ	W7AL
R9FM	KB8VAO	WB5JID	WT4Q	
SM5FUG	LA3WAA	YO2CMI	ZL1BYZ	294
SV2AEL	OE5BWN			4X1RU
UN7JX	RL3FA	300	297	AI9L
VE3DZ	RW4NN	DL4CF	4Z4DX	EA6NB
W5XC	SM6CUK	EA1AF	BA4RF	HA5VZ
ZL3JT	SP2BMX	IW0HQE	E72A	HA9PP
	SP7HOV	IZ5RVG	E73Y	IK0HFO
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AJ6T	VU2PTT	JA3EOP	JE7JDL	JA5SUD
DJ4XA	W0VX	JA9AA	JH1BAM	JA9IFF
DL1TRK	W1SKU	K0BBC	JM1HJG	JE1GWO
G5LP	WA3AFS	K3FRK	K5DHY	JE3ENP
JA7BWT	WT8C	K6FW	K8WK	K1DG
JE6TSP		K8GG	KD0Q	K1USA
JR1DUP	302	K8TL	KG7H	K7ZV
K0JUH	AA4R	K8VFE	KT1J	KF2DT
K3XA	AA8OY	KD0PO	N7IR	KZ4V
K6SIK	DJ5JH	N4RWG	UN7LZ	N0KV
K9NW	F5CQ	PA3CSR	W6YI	RA1QD
MM0EAX	JA1JAT	PY2VA	YO2RR	RU6L

SV3DCX
UR5WA
W3JX
W9FR

293

DL1SMA
DS1JFY
EA3WD
HB9BAT
IK0AGU
IK8VRH
IW1QN
JA2CXF
JA3XNH
JH0BQX
K4JAF
K5RT
N2LM
PE1L
S55DX
W7BEM
WA3C
WA4FFW

292

DL5CW
DL6JZ
EA5AT
G8DX
HL2WA
HL3GOB
IZ3ETU
JA0DET
K7ZD
N5LZ
N6UK
N8II
N8PW
R6AF
W6NWS
W6SR
ZS1A

291

DF2GH
EA6ET
G0EHO
IZ3ENH
JA1QXC
KP2A
LA3MHA
LA5HE
LA9VFA
N2TN
N8LJ
OH4UI

VE3CFK
W1EQ
W1OPD
W8TN
ZL4TT

290

AA4A
AA8R
CU2DX
JA1KQX
JF1NZW
JG1OGM
JH3GCN
K8ROX
LA2QM
N9DED
PP1CZ
RD3AW
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SK3PY
SV3AQR
UN7TW
W2LK
W8AV
W9HBH
WA1S
WB9EEE

289

AA6AA
DL9TJ
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IZ4DPV
JA8EJO
JG1WSC
JH1HHC
JH4GJR
K0TT
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KK0M
KQ4AV
OE2GEN
PU2POP
R0FA
W8BBQ
W9YSX

288

CT3MD
EA5KA
JA2JRG
JA2XCR
JE2RDO
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K1DT
K3WW

K4RG
LA9GX
N3VA
N4LR
N6TA
OH1ZK
SM4CTI
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS2EZ

287

9M6YBG
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OH1JP
R9SA
SM5ARL
W1VT
W4YCH
WA6F
WN6W

286

AB5A
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JH4HMG
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K5PS
VE1JBC
W3GQ
W6PJ
W8AXI
W9MJ
WS5W

285

DL2SWN
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JA2VMU
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K6PJ
KJ6P
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OE1WHC
SM0CCM
W4MAY
W4UCK
WK7E

284

7K1PTT
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CT1FPQ
EI9FBB
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HL4GAV
JA3DY*
JA8CJY
JG3SKK
JH3KAI
JH3SIF
OE3HWC
SM6CTQ
UN3G
W2AY
W4FQT
W5ODD
W8HC
WB2BIN

283

HK1MW
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K1UU
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W6BJH

282

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281

7M4AOE
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JA3BXF
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N5GH
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SM5ENX
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W8KEN
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280

CT1EAV
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ZS4TX

279

JA6QHQ
JA7HRM
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JK1UNZ
SV1FJP
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W07R

278

9A4T
EA8RR
EI9JF

F2NH	DS5ACV	IK5PWN	W0RX	K8AJS
F5PBM	IV3VBM	JF1LMB	WQ6Q	N0RN
JA4VLK	JE1BMJ	JH1OBS		N1API
K2UR	JF2VAX	K7EG	269	PZ5RA
N4HB	JI3CJP	K8BL	CT3CD	RA4CA
N9RD	KA1ERL	K9FN	HB9IQB	SV1HEP
ND4X	N7KA	KB1EFS	IK7FPV	W8MET
OZ4VW	NF1G	KI4GE	IK8EPC	WB2GAI
RN9N	NU1B	N5BO	IS0AFM	WB3LHD
SM4AZQ	SV5DKL	N7XR	JA1OVF	
VE3CRG	W7MEM	OE5FIN	JA1VLK	265
W8MHW	WA0RVK	PA0ZH	JP1NWZ	4F2KWT
	XE1MEX	PY2WC	KR0P	G3SBP
277		SM7IUN	LA6UL	G3UAS
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DS5TOS	EW1KP	W0JM	OM4EX	JA3WLN
EI2CN	IW0HOU	W1MK	SM5FWW	JA4FM
EI8IU	JA8XQI	W2OO	YB1AR	JE2UFF
F5UJK	JA8ZO	W3AP		JH1ACA
JA8EOT	JH1IAQ	W3ICM	268	JR1WCT
K2AJY	JM1GHT	WL7E	HA5PT	K2CBI
K8UT	K2KA		JA1IAZ	KZ5DX
N6RV	K2SN	271	JA1NWD	N5KM
ON4CAS	K3PT	AA4FL	JA1VRU	N9JV
UW2ZM	K6UM	IK2DZN	JH2VVH	VE3SKX
W1KSZ	K8DV	IZ8EJB	K1MAA*	W9JJB
W1YRC	K9MBQ	JA8FFM	KD4W	
W2PP	KA8SYV	JA9NFO	KH6M	264
W3BW	KA8ZPE	JH1OCC	N2AJ	4Z1UF
W6DR	KS3F	K3PU	N3RC	EA1KP
W8RLS	RA5BM	K8RRT	N5JB	EA3EQT
	SP6JIU	LA5SJA	N5ZC	EC1AIJ
276	SV9AHZ	N4UOZ	NT5V	F6DBX
DK3WW	UA3ECJ	UA3TT	SM6BGG	IK8UHA
HB9BUN	VE3YF	W6TMD	W2FV	IZ0NRG
HB9LCW	W0EWM*	W7Yaq	W2XI	JA1SKE
IZ5BAM	W8QZA/QRP	WV9L	W6RS	JF2WXS
JA6GPR			W9OO	JR4LNG
JA7FWR	273	270	WA1YTW	N1EN
JA7LMZ	CT3KN	BA4MY		N1GC
JA8UIV	DL9FCY	DK8MCT	267	N6HC
K6EME	JA1KPH	EA1KY	DL4DW	N8OC
K6IPM	JA2TBS	F6HLC	EA5RD	OH7TV
LB2TB	JA6BEE	F9XL	HB9MFM	PA7TWO
N5MOA	JM2RUV	G4XEE	JA2QXP	SV1CQN
NK0S	JR3UIC	HB9DHG	JA7BEW	VE6AX
OZ1LCG	K7XB	HL3AMO	K0DD	W1KDA
PA7RA	N4IG	IK0UTM	OH2IS	W5PF
RX4HZ	N4QQ	IW7DVM	SM5BMB	WV4TN*
SM5CLE	OZ1ACB	K0BJ	WS9V	
W1ZT	RW7M	K5VWW		263
W2OIB	VK3BDX	K7UA	266	DK4TP
W3ACO	W4HG	K9JF	GU0SUP	DM2RM
W5GO		KG9Z	HB9EFK	EA3CJ
	272	N7BT	IK4AUy	EA4DL
275	AF9H	VE6LB	JK1VXE	HA7UW
DH2PC	I5OYY	W0FLS	K5TA	JA2FBC

JA7XBG	W8GNM	W5JAY	W9FI	K5FZ
JJ1BMB	WA5LFD	W9EWZ	WA4CEM	NE6I
JN1NBU	ZS6WB*	ZL2IFB		W2ZI
K1KO			254	W3ABT
K4KAY	260	257	AG1A	W7CA
K8FH	AA9A	6K5YIA	BA7IO	W8FIB
KN6KI	EA8MT	AF4HX	CT1BWW	WA4JQS
N1RR	EA9IE	AK5X	HB9DVO	
NA5Q	FG5FR	DJ0UT	IZ5YHD	251
PY2MC	JA3VPA	EA1JO	JA0KJD	DL2RTL
W0GG	JE1HRC	EA7SG	JH1IED	G8AJM
WA4LOX	JH1DGJ	EB3CW	JH1VUO	HB9EBM
WB4KTF	JH3FUK	HL2CFY	K0GW	I0JBL
XE2X	JH4ADK	IK2PZC	K3EA	IK0LNN
ZS6NJ	JJ2WOC	JA1EMQ	K3SEW	JA5AFW
	K1EFI	JA6OXT	KI1U	JH1UBK
262	K1ESE	JE1PNX	LA5YJ	K4JKB
CU3EJ	K8YSE	K1SM	NE8P	K4VIG
HI8R	LY1G	RU1AB	UA3O	K5IB
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JA8BAR	PY5IP	W3FI	W8IW	KJ7TEA
JR7GBL	SK7AX	W8MJ		N3KN
K8AV	SP6A	WB7B	253	N4SC
LA9FFA	TG9NX		AA3LX	N5UL
N1SV	WV8DX	256	AC9EM	NF4A
NH6T/W4		BH4QYX	AC9O	SM3LGO
NK4L	259	EC1A	EA4DEI	SM5FQQ
NV4B	DJ8NT	F4GVO	FG4NO	VE3YV
NX0I	DL9GTB	FG8OJ	HL2EIZ	W2JLK
TZ4AM	EW1BA	IK4HPU	JA1DDZ	W4SK
W2/CT1GIF	HL3DE	JA1PBV	JA6IVR	W5GAI
W6JZ	JA8BNP	JH1RGG	JJ1QUV	
W7LGG	JH1APK	K4JJW	K6MKF	250
W7QDM	K2UFM	K7GM	KE1F	DJ9RR
W9PZT	NI3P	KB9DAK	KM6HB	HA7TM
WA3GFM	PY5CC	M0TTB	KV4T	IK2DUW
WB8ART	SV1FKZ	VK3NX	N4QWZ	JH3GFA
YB2DX	VK4CAG	W8JRK	N6KZ	JH6PFY
	W2TB		UA0FO	JL1MWI
261	W7AH	255	W6RW	JR0EQQ
7K1CPT	W8CZN	AA7G	WF4U	JR5JAQ
DK3PZ	WV6E	AF5CC	YB0COU	K1KA
F1ICS		AI6Z	YL2KF	K3NQ
IZ8IEV	258	F6ECI		K7KB
JA3FHL	CU3EQ	G4FKA	252	K9YC
JE1VTZ	DH0GSU	HC1BI	DL7UPN	K9ZM
JH2PWY	DK7YY	IV3TMM	G3KWK	KA9UVY
K2FW	E21EIC	JK1OPL	G3NKC	KF7F
K7LJ	EA1RT	K1FEV	HL2KV	KQ3F
KF9UG	EI2HY	K6ZZ	IV3KFB	KS4YT
KI4DLS	JA9AGN	KR4F	JA1BNW	LB5WB
KM1D	JR4LZX	LU6ETB	JA4HAW	PA0JSE
N6PM	K6EID	N1RK	JF3PNQ	PY2FN
N9UA	KH2L	VR2XMT	JF6XQJ	SV8CKM
OM8FR	W1SSN	VU2CPL	JH4CBM	W4PNY
SM7CQY	W2GW	W0QQ	JL1BYZ	W7IU
W6DE	W4LSC*	W8OP	JR1VAY	WA8MCD

249 AA9RR AJ4A G3XLF IZ8GGF JH8GEU K4MV K9NR N8HRZ N9PGG OZ5NJ SM4OLL UN3GX W8IQ W9RC WA2USA WB8K XE2D YB1RUS	KC9K VU2DCC W1KMA W4GE W5ZO W6AER WB8CQV	WE1P XE1RBV	SV8DOU UX5UO W0SZ W5RF W8WEJ W9LN WC2K WE4S	236 HB9ZS IK1IYU JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KK0DX KM3J KU8X KV4AA N4GN N6IE OE2BZL PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX
248 DS5DNO G3KMQ G3VPW HB9DOT HB9JOE JE2VLG JJ1SKG N4XP SV1IW VU24DX	245 AJ8MH EA5B JA3QOS JA6AVT JF1WLK JJ6DGP JL3OUW K9GA KF7PG N0AH N2NW 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 WS1L	239 HB9DQV IZ1JMN IZ2FOS JA0LXP JA6CBG JA7KE K2RU K2XF N8SHZ W8BLA WA6JA	235 EA7QW EU1U JE1IBI K0EOO K5CWR K8ZM N2FF NA5Z NW4M TA1CM W7YW
247 AK5Q CT1FUH JE2EBT JK7LXU JR3VMJ K1PL K2TER K3VAT NA9RB OZ7FOC S51NM VU2CDP W7IB WC3W WX2U	244 DL8SDC HL5BMX JA1CZI JI6IHG K0KG K1YR K8EAB KK1W PA3BWD W4REX W5PJR W9DX W9MO WA3F	241 AB5C IK0WMJ JH0OXS JP1IOF K0VSH K2NV K4KGG K9JU KV1E N9SF W5DNT W5QM YB1TQL	238 IK2GAJ JF0JYR K4JC K9OR KA4RRU M0CSD N4PJ SP5ES W3MR W4KA W5LO W5UQ WA4QMQ WB0TVY ZL4AS	234 DF7EE DK2CC EA5DFV HB9BYQ HS1NGR I0LYO JA2OLJ JK1BSM K0VM K4MF KE5FXE ND4V W3WST W7HR WA5UA WB0O
246 GW4TSG IZ0BVU JG3RWX JK1WSH K1XV K8YYY KB6CIO	243 G4XRV JA1MZL JA2EPW JE0ART JF2OZH JS6TWW K8ME N4OA UN9L W1BR W4LEW	240 G7SSE IW3GJF JA1DM* JA2FSM JA3NHL JH5HDA KE8UM KF0LA KK9H KS4S N0ABA N4HID N8NN PY2GG SP5LKJ	237 CT1BOY G0VXE HB9CXZ HB9HBZ IW9DNI JH1DGQ JR0QFA K1RV KX2A N0ODK SM0MPV W2DXE W8UN WA0ROI WB8B WB8ZRL YO3JF	233 AA9GR DL8DWL

DS3HWS	W8LMG	N4SV	K0LB	IK0CHU
EA5AR	W8WVM	N6OJ	K1CBK	IZ1JLG
HB9VAB	W9YE	SP7ICE	N3RW	JI1NJC
JH1SOD	WB2NPY	W4DEE	N7WO	K4CGY
JJ2KDZ	WW8W	W5SL	RW4CY	K5DV
K8BN	229	WA9GON	SM7BHH	K5ZQ
N4TOL	AD7L	YE4FNN	SP6AXW	KK4OW
N9BX	AE0P	226	V51B	KU4XO
NE3F	DS4GKF	AC4VM	W5THT	NJ3K
SM0XBI	G7IRN	I0OSI	W6UC	RU0SN
W2NRA	HB9HVG	JG1JPE	W7NN	W0BM
W6YOO	JA7QQQ	JQ1YIW	WB0ULX	WA0WWW
WB2KSK	K0HD	K2BA	WB7BBQ	WB0N
WD8PKF	K3FM	K2SD	WN6K	220
232	K4CMS	K9TF	ZS2Y	AA4LR
AH0U	KD1F	LB6KC	223	AA6RR
EW4C	KK4OK	LU4FW	AB4UF	DL4LAM
HB9BNQ	KW1DX	N2KX	AF2C	I1YDT
HL2ZN	N2SQW	N5ET	EA7DUD	IT9ODQ
JA5NPV	N4NW	N6BM	I8MTQ	K1DJ
JH6DUL	UR5FEO	N9AOL	IK0WRB	K1NTR
K2HAT	W1WC	NA2AA	IK2RZP	K1TZQ
K3SF	YB1TJ	NG7M	IZ8MBW	K3SX
K4ST	228	TF3DC	JE4RAL	K4EU
K5CD	7J1ADJ	225	JP1GUW	K4MIJ
K5FNQ	AA0MZ	AA8SW	JR0AMD	K5MT
KB1DMX	F1RAF	DK5RL	K6IPV	K6MM
N3PS	F5LIW	DS4AOW	KD2T	K7AWB
NY2NY	IV3FFI	EA2AFV	KI6CG	KO8SCA
RQ3A	JA4CZM	EA2AGV	KW4V	KZ9DX
W5GA	JE2KSM	EU1M	N4ENE	ON4ATW
W6CYX	JF1RYU	IV3AVQ	W6GRV	SM7GIB
W9ZCL	JH1OGT	JA0EVI	WC4H	UR4IOR
231	K4SX	JH8NQV	YL2TW	VA7ZT
AD5WB	KE0A	JJ1JMZ	222	VE6TL
DK6OR	KE4UW	K0OK	DJ9SO	WA9BZW
JA2VHO	KE6V	K1JIU	DL5XL	219
JF1MTV	RA3QUA	K4JWA	E77S	DF2UA
JH0AWC	VR2CH	K5YU	IK8GJR	F5JSD
KD6UO	W1LE	KN4PPD	IZ7AUH	IK5QPS
LZ2XF	227	MU0FAL	JM1VRW	JA1FJJ
NA4EA	DF8FT	W0FG	K1NJ	JR7ILA
SM7NDX	DL2RUM	W5GZ	K2AT	K5JZ
W4UDH	HB9HIT	W5TFW	KB5UNX	KG6I
230	I0MWI	W5VQ	KK2M	KI7AO
G3LUW	JA0DWY	W8UV	KX4TT	KR2Q
JH7WQX	JK1SQI	W9KVR	NN2D	KU4BP
JI1VVB	K0IL	YO9FNP	RA4P	N1KC
K2SY	K0NV	224	VK5GR	N2ZA
K9WX	K1GE	E70T	W1DYJ	N6DX
KR6C	K5GH	G4ZOY	W4WN	NN9X
SM7WVZ	K9GWH	HL5OC	221	W5DAW
VE7BV	KA1J	JA8NFV	AA4UC	WA3I
W2KA	N1NU	JO1LVZ	EA2AAZ	WQ5R

218 DL2NOM DL4NBE G4VMX I7PXV JA7FAS JH1FVE K3DFL K5ALQ KB2FCV KE3D KK8MM LB2HG N4FN N4JT N8AYY N9KW ND3L W3BJ WA2NPD WB8BZK	JS6QOM JT1BV K1ZJA K2XB* KF4NEF KO6KD NU1O W0TT W1JGS W4IS W6HDG W6KK W6SL W7JY* WA6HBR ZL2AL	SM5AOG WB9PNU WK4Y*	G3WW HP2NG JH0NOS K0PX K0THN K2PF* K4WES K5RJ K7PT KW4CQ KZ1W N4HN N6ZN NN5E NW6S PY2RN W1FA W5FPT WA6G	K8NK KK5OQ N7NF N8BJQ NJ1H W7IUO WA3WZR
217 7L2QAD JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH N6QI OZ0J VA3OKG W0TM WB6CJT W17P WW2DX YO3IPR	214 3A2MW AB0X DJ3AS JA7DPC JI1WLL K0QQ K2AZ KD1AB N6PEQ PY2RO W0KCJ W2CQ WB6BFG WY1G	210 CU3AN JE1PHH JH6RTO KD8RQE LA6OP N4TD N8BK S54A W0UC W5WP** W7FP W9IL WK8A YB0DJ ZS1J	207 9K2BM DG5LAC HI3T JA7MAD JE3EDJ K4GO K6ZP K9FZ* KB5HC KE1VT KK9T M0IKW N9AKR OE1JIS ON4ANN RD9M 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 W0SR WB3D	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JR1EFG K9SG KD4SN N8GP N8NA NA2M* VK3FM	209 DF3EC DL4FAP JA2MNB 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	204 JF1KML JF2TJJ JL1GYZ KM9E N5QS N7ELL NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
215 9H1EJ AA7XT HB9IIO	212 F4WDL JA1BWA JA3LDH JP1LRT JR2PZX KC2SST KL7TC OH2LHE PP7LL	208 7N3IJT EI5GSB		203 EA5HM F5NBX IK2RGT IZ0BTV IZ0CKJ JA7JPZ JH8NBJ K0CS K2CYS K4OY K5DCW K8YE K9OW KA1DJ KB7AK

KM7R N4TV N6PAT W3BNN WA3FRP	JH0RVY K4VNY K9AQ MU0GSY N2RR PB9FN V51YJ W9RXJ WB4YDL	W6HYI W6RKC WB5NHL	192 4X6KJ AD0K F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE	OH3PYY OT1A SM0BYD W2CG WA8LRW WB4GLI
202 AE4M IK5BOH/2 JR1IZM N8WD PT2ADM W3NS W4RDX W7TUS W7VY WE2N WN7J	198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG KO4PRE N3ND RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI	195 CT1ELF JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T	191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO K8OS KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W4AEJ W6DPD YB4CHP
201 GI4OWA K0MFI K6TAR N4PYI OV5O RT5A TF3VS W1OP W6AEA	197 4X4MF BA4TB EA1DLU JK1DDG K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H	194 A65BD EA1WH EA5ZR EA6LP K1LT KM4HQE KP3AH KR8T SP6EIY W2OR W4DC W5UHQ W7PAQ WA1NXC	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS K7UT K8ZT/QRP KD0AA N6MXU	188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE OZ9XU WV4V YO2DFA
200 AJ8B DK1NAL HB9AGO HB9FBG IZ8EKL JA3EY K3HW KC6JAM LA7EIA N1IA PY3VB VK2HV VK6LC W2NY W3ML W9WO WB9W ZS1DX	196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JP7FSO K1JD KA5JSM N2GZ N3QE NA9A OZ1HPS SP3F SP5MXZ	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV SP5IXS SP9IZV W8NN XE1YD		187 AF6PK JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV
199 AA3TH AC0X AD4AA DL5EBS DM6MA I4UUL				186 AA8KY CT1ESO JN4FNZ

JR3ADB	N7JB	AB4GE	JR1FHP	JJ1BDX
K1BZ	NG9J	DL5MHQ	K2RET	JQ1PCX
K4WM	W6TK	G0OSK	K5CR	K6UNE
K5EWS	WA7BNG	JA1BON	K7CTV	K8JE
K5QX	YB2TS	JA3EEM	K7STO	K9QJ
K6EGF		JG1RYQ	KK7YC	LA9VBA
KC6X	182	JH1XFR	KT8D	N5PA
VE3NJC	I5FLN	K4WZ	N1JP	N7HN
W8RV	I8LWL	KE5TD	NZ3M	N9ATF
WA5IPS	IU8IYE	KJ6NZ	VE1VOX	N9DR
WZ4RC	JA6SQR	KZ2R	WA3GNW	NA6O
	J11CQA	N3KV	WD4IXD	NC7B
185	K7LAZ	N3ME*		NX2X
IU0ICA	KG4JSZ	SP5ELW	175	SM0EUI
IZ2EWR	KS0JD	VU2MSA	4O3A	W2PD
JA3UOQ	LA5LT	W0ZS	IW1PUR	W7VAS
K3PP	N8NB	W1HS	JA1PVX	WC4X
KE5BR	VU3CAU	W4CCS	K1ROA	WY7FD
KQ4EE	W6FL	W4GHW	K4WY	
NZ5O	W6SFK	W4TUN	K6NR	172
OZ3SM	W7WZ		KD4POJ	AA5N
UN7BK		178	KF6HI	G6MXL
VK2AAH	181	AC0DQ	KN7D	HK3PJ
W0QC	EA6UE	EA8AXT	KW4J	HL1MKT
W2WG	EI3CTB	IW0BYL	N7GCO	JF3VEC
	IZ4AIB	JA1ERB	N7NG	LZ1XL
184	JA1SZN	JE3FOR	NS3L	N3AO
AD6ZJ	JH8FIH	JK1EBA	UA1OM	N4BAF
AE5FM	K1XE	K1ZE	UA9AGX	N6VH
EA5RU	K3VAR	KL7TS	VU2YYF	NC1M
EI1DG	K5UZ	KU1T	YB1RKT	W1ASB
G4AYU	KY6R	KW9U		W9CSX
IK0HBN	N0SL	N4MI	174	YB4IR
JG1DUZ	N1HO	W7HUY	AC0W	ZL3RJ
JL1JVT	N6VS	WB6AXD	AG4Q	
K0RAR	NV4A		DL5KUA	171
K3JM	PJ4/NA2AA	177	JL6USD	AD3C
K8EB	UA9AEU	4X6UU	JR3TOE	CT2GZE
KD2SC	W5JMW	IW8CGX	K0PC	DL5MM
N4MIK	WB9B	JE4KCN	K9HQM	F9CI
N8JS	WC0W	JG3KLF	K9UQN	G0THF
NW7M		K2JL	KN7Y	IW5EIJ
SM2EJE	180	K2MK	N7NW	JH1CTV
UT7KF	A61BK	K3OX	N9IO	K2TV
W6BK	AA4AK	KF4VTT	W5WI	K4NTO
WB2HJV	IK1ZNM	KP3V*	W7JET	K4SAF
WB3BFC	JE3PCP	SM5CBM	WA4BIM	KB0V
WB5STU	JH1IZR	W0IKD	WA4NUF	KC5LK
WX0Z	K8SL	W0JW	WB8QZM	KP4DKE
	KD3HN	W1AO		N7WI
183	KI6MQX	W4DTA	173	N8WRL
JA2KSP	NA5S	W4KVS	AB6CF	ON6MX
JA3UNA	VR2XYL		AE0MO	W0MU
JA4GXS	W4DSM	176	AI9U	WA4DOU
JE4CIL		DL6NW	EA3HDZ	WA5KBH
JF1LZQ	179	F4FLF	HB9DVZ	
K6LRN	AA5TL	HL1VAU	JA5MOO	

170 AD5MD DL2JIM EI5KO EI6AL JA1GVT JG1GJH JJ0LZQ K3GT K6JJ K7CU LA2GH LB7ZG N3WD N4VN N6EM N8VV NJ6W NX4TT SP7QHR VE1OP VE2YG W0OGH W4PGM WA4USA WA9IVH YO4AUL	LX1CW OE1ALW R4FAN SV1XV VR2MY WL7OU 167 HB9GWJ JA8BOV JE3OUW JI3BFC K0SRL K3GGN KB8NTY KE3X KH6XT N1ZJ N4PL N8OQ NF7D PY2SEX WA0SXV WA5NFC 166 AL7R DL1SVA GM7NZI HL4XM JA0NZR JG3KMT JR6GHN K0FLY KN4FO KR4BD KR4DA NU4Y SV2CLJ VA7DX W3DIY W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZS6IR 165 AG6HE CU3HN EI5JL HB9MXY IK0XIH JE4WOK JR1KBJ	JR6LDE K3VPZ KC3AK KG4CUY KG5NP LA2XPA N1QY N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W4CIR W4DWS WB2WPM 164 AC4BT CT3DL DL7JRD EI6IZ IZ0GVZ JE2DOD JR7XOD K6CF K6GFJ KA1API KD8MQY KV7N N2XQM NA2P PT7DX S50B W4IDX W6SIY WA5CMI* 163 AA4OC AI4QQ AK9B EA1AZ F4CPF HA5BSW IU5RTR IW0ECV JA0MRW JH1BHW K0ABC K0CF K3GO K4GN KE1B KW4MM LA1CO	N0AMI N4KM N7KDT N9LEO R3IS SM7CZL VA2LC W1OK W1XV W8FN W8MIL XE2YWH YO3DDZ 162 4F1OZ AB1J BH4IGO DJ7JC DS3EXX HS8KAY JG2LGM JR4CZM K2HT KC4HN LX2SM NP3CW NS4X OE6BME SP2LLP W4NBS WA1LAD 161 9M8DEN HL3ERJ JA1IHD K0YL K2OP K3GW K4AR KM4A N7QT N7VZ NA6XX NA7RH OH3DP OK2ZDL SM3PHM W5RDW W6DOE W9GG 160 AB2E EA7LS F1OBJ	JA1ITJ JA1UOA JM1JZN JR1CAD K7LY KM2E KM2O N0IW N4MEC N5WA N8IL NI5F W1TO W9FF W9NIO* YO8CRU ZS1C ZS6RJ 159 AA3AZ AD0TR DD0VE DK8IZ EA1P IZ0FUW JA0ED JG1WNO K0IO K5DXR KB1HY KN6VTC KO4DKI LA8ZAA N1MD N4GBK N4VG NE5S TF4M VA3NXM W1EBM W4MA WA1W WD5BJT XE1MW ZS6C* 158 9J2BS G4SGX IK3DVY JJ1KXB K4HQB K8GWU KB2XJ KF7NN KJ7NO
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M0MCV	155	W8PE	150	A16P
N4XXM	5P5Q	W8VK	DK3BK	CU7AJ
N6MM*	DK3QM	WB4SON	DK3FB	EI7GY
N8TFD	IV3TDM		DL9SAD	JF2AIJ
N9AZZ	JA0EBV	152	DM5JBN	JR3PKO
PY2CP	JA6SUY	AC6BW	EA7LL	K0QB
W0JMP	JH1AQN	AE5B	EI5GM	K5LY
W8LIG	K2CJ	BX5AA	IT9ABN	K5VG
W8OM	K2DF	DF2WF	IW7EDZ	KA3GWD
WB2RAJ	K4EZY	DU1KT	IZ2MHT	KB8ZUN
WB9ZNZ	K8WHA	G4AFJ	JA7GZM	LZ1MDU
WT2P	M0IFT	IK5BSC	K5HK	N1ZZ
	N5JEY	K2EK	K6VVK	N7TM
157	N8IK	K4RDU	K9RT	TF5B
E20YLM	NO9E	K6LPO	KI7M	W3IZ
EI2JD	NU1T	KD2OV	KX5U	W4AFB
F6KOP	OE1HHB	KE9S	N0TK	W4AG
JA1UBZ	UT7EC	N2TC	N6JOJ	W8VI
JA3MHA	W3DQS	N9GKE	NC6RJ	W9GM
JG1XBM	W5SV	NJ1Q	NM4SH	W9MAK
JH2AJY	YB1AYO	ON4LG	NZ6N	WY0V
JH2NWP		ON8PHD	ON6ZV	
K9UO	154	R9JX	SM0BSO	147
LA2IR	AC8TO	W6RFF	TF3Y	AB9KZ
N0LD	DS5WQT	YV4DYJ	VK1AX	DL6DCD
N4QM	HB9ARK		VU2NXM	G3VQO
N9MB	HK3J	151	W3KB	IS0/YO3RA
NH6L	JA0GZZ	DF1IR	W3UNX	JK1OTP
NJ6K	JA4HXF	DL4KUG	W4NE	K8MRT
NK7Z	JA8ANQ	IK8OZV		KB9LIE
PY1NS	JE6PJP	IZ0FYW	149	SV8RX
W3HKK	JR3QHQ	J68HZ	7N2JZT	VR2VGM
	KC1ERO	JA2BUR	DL1MEV	W3KN
156	KC4DM	JE1COB	DS4DRE	W3NRJ
AA4DD	KJ2U	K1IG	ER0FEO	WB8TGY
EA3HPX	KL7NW	K1QN	JA0JPD	
F5NNN	N5JED	K4DET	K2KIB	146
G4FTC	NE5W	K7LAY	K4TXJ	AB9BH
G8BCG	VE3FAC	K9AAA	K8SMC*	EA4D
GM3WIL	W5TMC	KE4BKL	K9EXY	G3LAS*
HB9HHH	W8TM	KE8G	KD4EE	HP3TA
I4JEE	WA9MAG	KK4CLY	KP4DS	JA3KWZ
IU4BJC		KQ5S	N0LGU*	JK1AKA
IZ4IRO	153	N4AA*	NE0U	K7QBO
JA1CCG	HB9BEM	N7MB	NR0Q	K8ARY
JA2ODB	JR0GXA	NU4I	NZ0O	K8POM
JA9RT	JR7MAZ	SM0NUE	RT0F	K9AAN
JF2RSF	K8RCT	VA3EJN	UA9MC	KM8AM
JL3DGI	K8ROK	VA3HP	W1DAR	N1BRL
JM1LPN	K9MMS	W3HER	WA1EHK	N4KEB
KA9OKH	K9UWY	W5WLA	WB1ASL	N6FS
N5QZ	K9YZ	W6WA	WF7T	N6RK
N7RD	KC9WPS	WA6MRK	XE2B	N9MR*
W1MR	KK4XL	WA9JWL		N9XG
WA1KXV	N0VVV	WB1DX	148	SM3DXC
	OH3FVP	WC2C	4F3BZ	VE3NKS
	SP5NON		A71AM	WA2MUA

WA3SKQ WW8RT WY9V YB1BML ZS6UT	LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS	PA0QRB VA6SZ W5VU W7SX W9BS WW6G YB3MM	VE3MSC W0UHL WA5POK	JA7MWC JJ1HLL JL2ULM JM1CMA K4OP K5SES N6DW NX8Y S53MJ W5IO W7QHE WA7HR WB3AVD WB6FWS WB9IWN WO5I WT3Q WU1U YO3GJC
145 5T5PA AA5H AC7JM AL7TC EA4S IZ2CSX JA5SEY JJ1OKK K3EJ K5FXB K6CW K7YMG KF4JHG KS0M N6KK W2RS* W7NP WR7Q	142 HB9TJG JA1PUK JI1UHZ K1AJ K4AU KA6BIM KE7BMG LA1J N5RN W2FDM W8WV	139 F5VML F6FHZ HB9DTE HL4CBX IZ8EYN K2IRM K2WJ K5KEW K9TRV KB8KIM KX4I M1EMC N0CKC N2SG N7UJJ PY2OP R9MJ TA1PB* W4EJG WA5YNB ZL3TE	137 DL2RD G3PSM JH1SBE K2CDJ K2RKJ K6IRA KB3IFH KI0HA KP4N N9NFT NI4Y OE3JAG PY3OG SM5CSS SP3EPG TA1AL W2GGY W4UEF W4VG W9MR WA0WOF WA5YOM WG0G WS1F YB2IQ	134 AB0RX EA6AZ HB9PUE IZ8DEO JA6GXP JF2OHQ JH7RTQ K3KY K7FL K7RAN K7YZO K9JDP K9SUH KA9JCP KC2STA KF5WCP KN4OK LB5GI N1AH N6XT SM3WMU W2KNG W4UAT XE2AD
144 AD7Z EI7JZ GM0VIT JR1HYA K1TKL KS8W N5PD N5UE N9MSG RN0C UY2UZ WB1S WX2CX WX3P	141 7K3QPL 9H1AE EA1T EI3ISB HB9EXQ IZ3XEF IZ6ERS K2JK K4RM KA5SYP KA5VFU N1BCL* SV2JU W1ITU W1NA W5GOL W7KKC WK9U	138 AC5AA DL5KUT DL5ZB DS3EXT EA3NG G0FWX GM1TBW JA0CVC JA1VRY JA6NQT J11DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KM4CQG KU9S N3PV N9BVA NT9F OD5YA PV8ABC V31CQ	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD JA5IBP JM1JIV K6ME
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K9BQL K9MQ KE4FW KG6D KI4R KJ4R KN7K	140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N7TW NS0D NZ9Z*		135 AB4FH DL4ZAB DL6WM GM1BSG GM5YTT HZ1GW IW1GEU JA1DCK JA3MIO	

KD0KZE	NG4DX	EA1AHA	N1BZ	W5CWQ
KG6WIK	NN6K	EI3IO	N3GTG	W6ELI
KI4TZ	W5EC	F4GTB	NA1RL	W6PG
LA9KY		HL2DBP	ON5EQ	WA4TMJ
N1BKB	130	IZ1UKF	VE3EDY	WM4AA
N3HYB	AA4QE	JE2VYM	VU2TMP	WR2G
N5EI	DL1SWN	JH1AWJ	W0MF	ZL3PAH
OH4KRN	JA2LMY	JH4GXE	WB2KSP	
OH7HM	JH3PRR	K0MD	WB9TFH	124
VU2ABS	JL4BSE	K6OJ	WC2L	DJ3EJ
W1GY	K0BX*	K7PTC		EC4KW
W3GP	K2MHE	K9YKL	126	EI8IQ
W3MF	KB4DSL	KC2THY	EI4HH	G4RGK
W6OUL	KB7V	KC2WUF	IK4TVP	IT9YOZ
W9SE	KD4CM	KD5R	IU8GNY	IZ5BYJ
WB2AA	KG2U	LU6XQB	JA5CDL	JA3AOP
	KK7BR	N0DL	JA5XPD	JK1MJE
132	KN4JX	N0JR	JA8WGX	K3SUI
7L3SQL	N0YO	PV8AJ	K0AIZ	K7HC
AA4FU	N1SZ	R3BB	K2GLS	KB8DID
AK3E	N2YF	TF3MH	K3LL	KC2NJ
AK6I	N6BDX	UR9IDX	K5KDX	KC4AA
I8NLC	NS4F	W0QD	K5WRE	KD9ZR
IZ0COI	OZ6TL	W5MF	K7PO	KE8NOA
JA9KRO	PU4MMZ	W6IS	K8GT	KK4TKJ
K4BNF	W1MO	W8BI	K9QA	KV8P
KG8OU	W4BH	W9EBO	KC5RR	KY6AA
KI7HO	W9CTJ	W9TO	KK4CB	N4LSJ
KK5ID	WB8RFB	WA2BOT	KW4WD	N5VBK
M3DFW	YO8PS	WA4UWD	N1GNB	NT4K
N3TR		WC4V	N5HC	W0DD
N4EDT	129	WP4CQ	N8YQX	W6ND
N4QOG	AD6KQ	WQ1H	NC7M	WF5I
NN3V	AE7U	YB0AZ	VE3TMG	WW5L
ON6YH	CR7BRV	ZS6AKU	VK2DAG	ZL3REX
OR4K	DS4EJA		W3ATV	ZS6NK
OZ3SK*	DS4OMS	127	W8PAT	
SM7DXQ	IK8PGE	7Z1HL	W9COS	123
UW7UA	JA1PLT	AG4TO	XE3E	AB4BJ
W3KHZ	JA2ACI	DJ5DT		AI5EG
W4MC	JA3WMS	DL5FAC	125	DJ6OZ
W5FL	JH1RFM	EA4TX	AB5GU	DS4DBF
W7FI	JN1SUT	EI4BZ	AC4XO	G6NHU
WA1HXX	K4CNF	HK6K	AF8C	IK0XKP
ZS1EL	K7ORK	I2YPY	EI8GS	IZ8LMA
	KB4KBS	JA0BES	G4EHT	JA1GLE
131	KS4WA	JG1LRE	JP1GVC	JA2HOL
JA9EJG	KX7L	JG5DHX	K1FUG	JH1RVQ
JH1IYY	N9AVC	JH1HRJ	K4TG	JL3RNZ
JK8VMB	SM2YIP	J11MNT	K5NOF	K2JGL
K0ARM	VK5CE	JJ2VLY	K8YAH*	K3DQB
K7GA	W7TG	JR1LZK	K9ARZ	KB1W
KA5IAU	WU7X	K2GW	KK5J	KE7AUB
KD2NF	XE1ILI	K7LFY	NN6CH	KG4OJT
KN4WOJ		KF3N	SM5AFU	KN9N
M0NGN	128	LA2LI	W0XE	LA2XNA
N0AKC	A71XX	N0AB	W4AO	N1ECC

N1GFV N6DVR N9RE OH3TY PY2ADR SV7CUD VE3VHH VU3WUA W2ARP W2WGK W4UT YB9WZJ	NA4MM NY4G OZ6EI PP2FN TA1L TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D ZS1IS	W6GJB WT5L	WD0ANB ZS2I	RW6MBC SM1NJC VR2IL VY2RU W1HQ W7QC* W7WES W9LU WA4VJK WT9U WW5RC
122 AA0BH AA5B AB5YI DL6LZM G0HSA HC1HN JA9ALR K0HQW K4VAC K5TU K7BWC K9KJ KB4ET N0UCR N4GRC N9ATD UT9LC W1ES W1HEO W1KKG W5HNK W6HB XE2MX YB5WIR	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 W1MJC W1RG W3MRL W5RYA	119 DL2VWR F5BAR HL2MHU JA2KGQ JA6JYM K0FJ K2CQW K7LOL KG5POL LU9DO N8ERL N8LCU SV1BYI SV2KF TA1HZ VK7AP W1ZK W6ZPL W8EOG W9JJ WF8Z WJ1B ZL2AO	117 CE3FZ DL9QJ F8EZE HB9MZI IS0BZR IZ7QFN JA9KA JM3GXU K0FF K3UT K4AEH K9LCR KA4AHU KB2S KB5CSQ KE9V KO4PY KP4ED KZ1X N2IFA N8AGU NG0G VE7NY W3LWH W4ARK W4PG WA6VZN WB4MM WB9WHQ YO6HOY	115 AA9WO AF7WM E74A EI4GNB HL4RBR IW2FLB JA0NPQ JH8LEY K1RE K8CR KB4CRT KG4URP KW1X MM1PTT N7PIB NE1RD NW6V OE5MPL SP5BMU W4OV W5WS WJ5K WS4H
121 5H8HZ AK0A DL7UGO HA2EQD IK6BMU JA1CPN JA1EYN JA1WTO JI5WDC K1LTJ K3CWF KK4ODQ KU2A N0TR N3ER N5ZY NA2R		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 WA7ZXD WA8RCK WB5TOI	116 6K2ILX AA0FT CT7BQH EA5GXI G8GHD JA5GOJ JF1AZQ JR4DHK JT1CO JT1DN K1EO K4GHS K4LCP K8JRK K8MN KC1RET KD5RBU N0ATQ N2ZL N3CAL OE6CLD	114 EI2IP G3CWW G4HUN HC1HC I0BJV JA1CPU JA8EIA JG4OOU JM3XZC K3PL KA1CTL K18AE N3DD NA1DX NG8T NK5K TF1A TF3G W0QKL

W2ZK	EI8JB	W7WT	JH4GNE	KI4SFT
W8LR	G0DTX	WA1JQC	JI1IZS	KJ2AM
WD0AJG	G3VAO	WB8PKK	K0FD	KJ4SKO
WN0L	G3YFE	WU4B	K0TI	KO4XI
YB2BNN	GM0SCA	WW4N	K4AEN	LA4EI
ZS4JAN	IK4EWN	XE1ZTW	K6JAD	LU2AH
	IS0BQE		K9JE*	N5FPW
113	JA4RED	110	KB3Z	N5TW
AB1NS	JF3AHI	AG5Z	KB7DT	NJ2X
AC0B	JH0LME	CT7ANG	M0AQM	VE7VV
AD7XG	K0XM	DK4MX	N4LS	W4DVG
DL2DCX	K4HEB	EA1BLA	N4WD	W6CN
EA5DPL	K4ZMV	EI9HX	N6RVI	W7SMW
EI2FG	K4ZRJ	G4VWI	N7TP	WB5ZAM
F5EOT	K8CJY	HB9BEP	N8XS	WB8LEM
F8GB	K9KDS	HG6IA	NN8L	WC4B
G0UII	KW8I	IZ1EPM	NS7K	
G4NAQ	N0OK	JF3KOA	NW6R	107
G4YCS	N8AID	JH1FRW	NX1P	AB7RW
HB9GZE	NQ4A	JR2PAU	PF7M	AK1P
JA2CPD	NZ7Q	K3MSB	PV8DX	BG8PA
JA4CSJ	S51DV	K3WSU	SP7ASZ	DJ5FZ
JG0HEW	SV2BXA	K4KAL	T88UW	DK2GP
JH1GNU	W1USN	K4RP	W4JDS	E73D
K1JKR	W3WN	K6DJ	W5SG	EA2BFM
K2KNB	W4LLP	K6SLO	W7CB	IC8XIL
K4JDJ	W5GCX	K9TVG	W7VP	IW1PVT
K4JLD	WA1DD	KF6XA	W8MSP*	IZ1XBB
K4TR	WD8LTM	KF8PD	WA6URY	JA3MAT
K7MO	WF4W	KN6HIP		JE1CTA
K9DUR	WM4D	KV3W	108	JS1LQI
KA5OWI	WN1M	N1TQ	7M4CLF	K2FJ
KB1OIQ	WW6W	N3TTT	AC0XY	K2ZD
KB2TGU		N3YZ	AC8MR	K4LQ
KC0V	111	TF8GX	AC9DX	K6DLB
KH6P	AK4N	W1ZZ	DB9CR	K7UWR
LB8CA	EI9CN	W5JE	DK1MCS	KA4LBD
LU3JVO	F8DZY	W6TCP	DL1TPY	KB0EL
N4MC	G4ZWY	W7UV	DL2AMD	KF2G
NC6R	HB9ECS	W7YED	DL2NAI	KJ4FZ
S52R	IK7ZLW	W8TE	DM5TI	KR4U
SM7TZK	JA4DLF	W9GFB	DU1IVT	LU5OM
SV2DSJ	JA5EEU	YB1SKR	EA5XV	N0MHL
VA3AYA	JA9IWR	YO5QAW	G5CL	N1UZ
VK7ZE	JE1TNL	ZS5LEE	HL5JYS	NI8Z
W1FC	K2KYH		IK1RKN	PP5VA
W3JM	K5NV*	109	JA2DCN	RM6LW
W6BBS	K8ZEE	AA4RX	JH1OVY	SV3EXP
W7CD	K9JIG	AC8AZ	JR4NUN	TA1CQ
WB2UFF	N4NYY	AF3K	K3XO	UX5XK
WB9YJE	N9ARX	E70X	K4PWS	V31MD
	NT5O	F5DBT	K8LBT	VA2GA
112	P40P	F8DHE	KC5N	W5HY
3C3CA	PT7CB	G0MMI	KC8YG	W8JA
7Z1CQ	TA1UT	G4FVZ	KE3ZT	WB2BXO
AD4YQ	TA2RC	JA1IAW	KG4IYS	WB2MKX
AJ6V	W6KF	JA1QEY	KI0KN	WM4W

WS7I	AP2IA	HB9BMY	K1FBI	US8ZAL
ZP6CW	DL9GTK	HS3OY	K2RNY	VK2GR
106	E29TGW	JA1CC	K3PIN	W1GF
AB6WQ	EA2AA	JA1DHY	K3TXW	W4ASE
AC7DX	EA4E	JA1RBY	K4NI	W7FS
AC8IL	EI6GF	JH1MYJ	K4SAW	W7HJ
DS2GOO	FM5FJ	JI4HKA	K6XJ	W7IMU
DS5MNO	G3LOJ	K0BRO	K7HV	W9GWP
EA3AGY	HL4GHT	K0HB	K9WMS	W9TVX
EW4DX	JA1JYS	K1TWF	KA7CVJ	WB4PWZ
F5VIF	JE2VVN	K4KZM	KF9EX	WB7QBS
F6JSZ	JE6UWU	K4WW	KP4DDY	WD6T
G0OJG	JJ2BLV	K5JUC	KQ6K	WD9IOK
G0RPM	JK1AIA	K6WY	M0UPL	WN9A
G3LPS	JS2IYY	K7UW	N1MIE	XE1SAX
HI7SB	K0DKR	K8WVA	N4MTT	YB0EIN
HS7WMU	K0MB	KE4YOG	N5OP	YB9AY
JA3FRI	K1RI	KE8Y	N8URE	YO6BHN
JA7HYE	K5WE	N1FOJ	NB3R	ZS2ACP
JF7NNI	K7CMZ	N3PW	NI5G	101
JJ1IRS	K8FB	N4PAJ	NS7U	AA9D
K1XO	KJ8N	N4ZR	RX3BP	AB2NI
K6US	KK4MA	N8TEM	VE7XT	AB4EJ
K6VWE	KZ4EX	N8WXQ	W0RSJ	AB8YZ
KA9TOX	LA9JKA	NA8W	W2SUB	C31MF
KD2RUY	LZ1JZ	OM6CI	W4CU	DD9WG
KI4NSP	N2YU	OZ9U	W8EH	DL3XAC
KM8V	N9APK	PY2YW	WA8KNE	EA4OR
KT5V	N9IXD	RK2M	YB1ALL	EA4UV
M0PCB	ND4K	VE3ZN	ZL1IM	EA8TZ
N4DJT	NK7L	VK3MB	102	G3VDB
N6UOZ	OH6IH	W0VU	4X1VF	G4GEE
N7MW	PV8RR	W5PD	5W1SA	G4PUQ
N8OYY	VU2DED	W7KHZ	DB2WD	G8GNI
N9ZJ	W0PPA	W9GXR	DL4FDM	IK2HLM
NG4C	W1MRH	WB4HMA	IC8SQS	IU2LFP
NI7F	W1PY	WB7QXU	IZ7QSS	JA1KZP
PT2DF	WD4OHD	WX0B	JH1IHG	JA5ALE
PY2OC	WK3A	YB1BUL	K1MDA	JA5JUG
UA0ABB	WK7W	YO6HSU	K2DH	JK3NSD
VE3BHZ	WZ9B	ZS6HON	K2DW	K0GEO
VE3XK	YV4EH	103	K4HR	K3AXB
VU2MB	104	AF8P	K6BLG	K3LA
W0TLX	7N4OBV	DS5JMG	K6JAV	K3SNO
W4/KL7GLL	AA2WC	EA2RY	K7JH	K5HX
W7GB	AA6XV	EI9GLB	KA8HDE	K8ESQ
WA3IIA	AJ4AV	FM4LV	KB1AWM	K8PGJ
WA8Y	CT3DZ	HB0RER	KO3F	K9GL
WV4E	DD8BA	JF1KIG	N2FY	KB5YN
YO4CPO	EA4EJP	JI1FXS	N4IR	KC3OPI
YU1LD	EI3HA	JI5RPT	N8KOJ	KC4ZA
ZL3RIK	F6ARS	JP1KHY	NA4D	KC5W
105	G0DRM	K0FTC	NN5O	KD4SR
AA2F	GI3SG	K0JDD	R9GM	KE9UA
AI1W	GW0ANA	K0LU	S51MA	KJ5RC
	HA5DI	K0OOK	SM0XG	KN4AMX

KU4A	EI4DQ	KR4Q	WM9Q
LA3ANA	EI4GJB	N0JX	WU1T
M0PTZ	EW4A	N0KM	YB6LAY
M5LRO	F5JWH	N0VTZ	YE1AR
N4PF	G0GFC	N1KI	ZS6CR
NC8I	G8GFF	N3NVA	
NZ1I	GW0KRL	N4FKH	
OZ5JQ	HB9AJY	N4GOA	
PA3AIN	HB9HFM	N5CR	
R2ARR	IK7NXU	N5LJL	
RZ6MJ	JA7PKV	N5LKE	
SV4FFL	JE7KCI	N7WFK	
TG9AKH	JG3LDD	N7WR	
UA4PK	JG5VFK	N8HM	
VA3QBR	JI1LLD	N9MKC	
VK4BUI	JN1RFY	N9PN	
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	
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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	KI0G	WB2ZEX	
DK7GH	KI3O	WB6RAB	
DL3ANK	KI4PG	WB6RJH	
DL5JH	KK6MF	WD1M	
DS4GQR	KL2R	WD4GZW	
EA5PS	KL7KK	WD8CW	
EI2HQB	KL7XO	WI0E	