

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 17 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	KA9CFD	SV1FJA
EY8MM	N3NT	I5NPH	NY0V	322
F6BKI	N4JF	JA5WIZ	SM5KNV	CT1BH
HB9BZA	N8JV	JE2LUN	SP7VC	EA2IA
I4MKN	NO8D	JH8RZJ	W6RLL	F5PAC
IK5HHA	OK1MP*	J18DGO	W7AO	G0OIL
JA0UUA	RA3CQ	JJ3PRT	W9OP	IK4GME
JA4DLP	SM5CZQ	JR3GWZ	WB4TDH	JA1XEC
JA7MSQ	SP7GAQ	K9YY	324	JA2JNA
JA9RRH	SP9DWT	KW9A	AA8CH	JA4FKX
J12KXK	W1ECT	N2BJ	AB9V	JA9CWJ
K0EU	W3NO	NK1K	DK9KX	JJ2LPV
N2LT	329	OE2LCM	DL5DSM	K2UO
N6JV	CT1APE	PY2YP	FK8CP	K7NN
SP8NR	I4EWH	RZ3AM	G0DQS	KU0A
UA4HBW	IT9DAA	SM2GCQ	HB9BIN	KX4R
W4DKS	IV3JVJ	SM5DJZ*	I0WDX	N4DW
W5BPT	JA2JW	SM6CCO	JA2DPC	N4NX
YU1FW	JA7KY	SP1S	JA7JWF	N4QS
331	JE1SYN	SV8CS	JO7WXN	OH1LEU
9A7V	JF1PUW	UA3AB	K0CA*	ON4CD
AA1ON	JH0INP	W1RM	K5KC	R7DX
DF2RG	JH1TWT	W3LL	K5MC	VE1DX
DJ9HX	K9IR	WP4U	K6FG	VE3LYC
EI7BA	N5AW	326	N4II	W4FC
GM3POI	ON4IQ	EA5BY	N8BM*	W5CIA
IZ5EKV	OZ1CTK	IK5PWQ	OE1WEU	W5TCX
JH2FXK	SP6M	IZ0AEG	OE8HIK	WI8A
K1HTV	W5XX	JA2BDR	PA3EWP	YU3AA
K4CN	WA1JMP	JF3KON	PY5EW	321
K9CT	YO9HP	JF7XKY	R3OK	AA4V*
KV7K	328	JH3CUL	R3VA	DK1FW
LA5IIA	AA5AU	JR3OEH	RV3LO	G3TXF
LZ2DF	DK5WL	K5EK	UT9FJ	HB0CC
NI0G	DL7MAE	LU2NI	W8OI	IK2YCW
NR1R	EA3GP	N1NK	W9OL	JA0GJJ
PY5HOT	EA5BM	N4JJ*	YV1DIG	JA3AZD
R4GM	JA9APS	N4PQX	323	JH1IFS
RA7A	JR7VHZ	N7RT	AD1C	JH3VNC
SP6CIK	K0DEQ	ON4AOI	CT4NH	JH4ADV
VE3FF	K4QL	OZ1AXG	HB9HFN	K2VV
W4UM	K8PT	R5AJ	IK8YTA	OE6MDF
W5OZI	RU3FM	UA4CC	JA1ANR	OE8RT
W8UVZ	SL0ZG	VE2TZT	JA5XAE	SM6DHU
330	SM4EMO	W8DCH	JF1KKV	UT7UJ
DJ2YA	SM6CMU	WJ4T*	K4EM	W3GH*
DL1AMQ	SP5DIR	325	KF0QR	W8GC
EA7TV	SV1RK	G4CCZ	LA7HJA	WB0TEV
HB9AMO	W2IRT	GM3GAV	N5TY*	320
IK4BHO	W5FKX	HB9DHK	N5XZ	DJ5FI
IK6DLK	327	JL1RUC	N8RR	DM5EE
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JA3EMU	CT1IUA	JS2LHI	OH2BLD	I2EOW
JF1WPB	DL2OE	K8NVR	SM6DHF	IK4DRR
K3WC		K9EU	SP5IWA	

JA2IVK	UX0FF	JA8RJE	K8FL	RA0FF
JA3PIS	YB5QZ	JR2BJE	KG4W	RL9F
JA8LRG		K0KX	N4TL	SM2OAN
JR2UBS	317	N5OK	N8KOL	SP6HEQ
K1LD	DK2NG	NN4R	N8TR	W0YG
K9MM	DL5WW	OE3EVA	OE3SGU	W4BP
KQ8M	HA1RB	ON4IZ	OZ4O	ZS1LS
SP1JRF	HK3W	PY2NQ	WA5VGI	
SP1MGM	IW1ARB	SP3IBS	ZS6EZ	309
UX1UA	JA2ZL	SV2DGH		JA1IOA
UY5ZZ	JG3LGD	W7CT	312	JA6WJL
VE3EXY	JH1NYM	WB9CIF	F3SG	JG4AKL
W1GL	JR1BAS	WD9DZV	JA1SYY	K4MS
W3KX	K2RW		JA1VSL	K8QM
W5WT	K5XI	314	JF8QNF	K9ZO
W6XA	K6RO	AA5AM	JK1EXO	NN4SS
WA7NB	K6YUI	CT1DKS	JN1BMX	NU8Z
WD0DAN	KE9L	EA1N	JR6FC	R9TO
YO3APJ	N2NL	EA6VQ	K1HT	RU3DX
	NQ1K	G3NDC	K3RA	RX3AGD
319	W6VX	HB9SLO	N1IBM	UA4LY
AB3CV	W9RN	HL2IFR	N5ORT	VE7IG*
DJ4AX	WX4G	IZ8FFA	RU3QR	W2JU
EA8AKN		JA2AH	SP9JZU	WE9R
IZ8FWN	316	JA2NDQ	UT2UB	YB1UUN
JA6VQA	DF2UU	JA9GPG	W8HW	
JA9TWN	DL6CNG	JR4OZR		308
J11DHY	I3BUI	JR9LKE	311	A65BR
JN3SAC	IK2QPR	JS3CTQ	4X6ZK	DL2CHN
K6AM	IZ1LBG	K1AR	HB9TKS	F4BKV
KB0EO	JA1XCZ	K2LS	IK0PEA	HK4SAN
N4DB	JA7QVI	K4UEE*	JA1IZZ	IK4ADE
RW3RN	JA8EAT	K5AQ	JA2VQF	IU7QBB
UA3AP	JH1SJN	K8AC	JA2XYO	JA1SVP
	K1BD	LA7AFA	JA4MRL	JA7IC
318	K6KLY	LA7JO	JA9FAI	JE2EHP
A45XR	K8YTO	NS6C	JE2LPC	K0GY
AA4HP	K9US	OE1AZS	JK1GOK	K8OM
AC4G	KG8P	OE1ZL	K9RX	K9MK
DL6KR	MD0CCE	SM4DDE	KC7V	KI0KB
G4PWA	N5DG	SV1CNS	KM4H	KN5O
JA1GRM	SM3VAC	SV1DPI	PY2XU	KS1J
JA4EPE	UA3DPM	SV1JG	UR0MC	R7NW
JH1AGU	W7MO	UA6MF	US5WE	UR5EDX
JH1QAX	W9ILY	WB8BPU	W5ADD	VA5DX
JH4JNG	WA2VYA			VU2NKS
K2TE	YO7LCB	313	310	W1YM
K3WA	YS1RR	5B4MF	HB9CEX	W2QO
K4HB		CT1FMX	HL4CJG	W6ENZ
K4IQJ	315	CT1GFK	JA1WSK	W9MU
K4SO	9H1SP	IK2RPE	JA2WYN	WA8WV
K5BG	AA5AT	IZ2AMW	JG3FEA	
K5DU	AB6QM	JA1EOD	JH7RXU	307
LA2PA	DL1DUO	JA5IU	K0KVR	9K2OD
LB8DC	F5HNQ	JF2UPM	K2UU	CU2AP
LU3CQ	G3VKW	JR1BLX	LA9AJA	DK2JX
SP3CGK	JA0CRI	K6TA*	R5DT	F2JD

HB9DDO	N9AU*	JJ1TKN	W3OA	296
HB9DDZ	OH8LXT	JM1FHL	W6TC	AD6W
I5HOR	PA5TT	K4XD		CT1DOF
IK0XBX	PY7DJ	ON6AA	299	DL1HRN
JA2XW	RA9CMO	PY2KP	DM2DXA	EC3A
JA3GN	SM3NXS	RK4FD	HB9RG	EV1R
JE8CLT	UY5AA	W4QN	IK5RUN	G4GIR
JJ3HGJ	W5VY	W7ZJ	IZ4MJP	GM0AXY
JN1RQV		W9AJ	JA9FPI	HB9RYZ
K2SHZ	304	WA9PIE	JA9NLE	IV3YYK
K7WP	CT1FCX	WD4LBR	JH1BNC	IW0SAF
KB1JZU	DJ9ON		JJ1DWT	IZ0RVI
KC6AWX*	DK5AD	301	K0TPP	JH4ALY
LU8EKC	EI2GLB	AC0A	K9SM	JH7BKN
N9FN	EU1KY	AE5E	UA9FAR	JK1TCV
NI6T	HB9CQK	AJ9C	VE3BW	K0KT
OE5RLM	JA5BEN	EW2A	W2GG	K8VC
SM5JE*	JA7LGE	HB9BOI	XE2CQ	LA8PT
W5AJ	JF2XGF	HP2AT		N0RB
W7DO	K6ND	I2MQP*	298	RA3QK
W7OM	K8GI	I4KDJ	5B4AHJ	SM6BZV
W9JA	N7US	JA0DIN	DL7BA	SV9COL
ZS2DL	N9RS	JA1LSP	JA1FQI	UA6YW
	OH3NHF	JA1XPQ	JA4ITW	W4VIC
	R7FK*	JA2ATE	JF2WGN	
306		JE1LFX	JL2JVX	295
DL1KUR	303	JE2DZC	JR7WFC	JA1BPA
DL5EBE	E72U	JG8FWH	K2PK	K5ZK
I1EIS	EA3GHZ	K1GG	K3PA	N7RO
IK4PLW	G3LZQ	K4SE	K5VIP	N7TY
JA0GCI	G3SVD	LA5LJA	K8EUR	RM0F
JE1DXC	HL3IUA	NA5C	LU4FPZ	SP8HKT
K5WAF	JA3ENN	RN3QN	ND0N	W5LT
KD3CQ	JG0CQK	UN6T	PY2IQ	W6XK
N8SNM	K7ZA	W3RJW	WT4Q	W7AL
OH5VT	KB8VAO	WB5JID	ZL1BYZ	
R8TX	LA3WAA	YO2CMI		294
R9FM	OE5BWN		297	4X1RU
SM5FUG	RL3FA	300	4Z4DX	AI9L
SV2AEL	RW4NN	DL4CF	BA4RF	EA6NB
UN7JX	SM6CUK	EA1AF	E72A	HA5VZ
VE3DZ	SP2BMX	IW0HQE	E73Y	HA9PP
W5XC	SP7HOV	IZ5RVG	JA3RQ	IK0HFO
ZL3JT	SP7ITB	IZ8VYU	JE7JDL	IT9CVO
	VU2PTT	JA3EOP	JH1BAM	JA5SUD
305	W0VX	JA9AA	JM1HJG	JA9IFF
AJ6T	W1SKU	K0BBC	K5DHY	JE1GWO
DJ4XA	WA3AFS	K3FRK	K8WK	JE3ENP
DL1TRK	WT8C	K6FW	KD0Q	K1DG
G5LP		K8GG	KG7H	K1USA
JA7BWT	302	K8TL	KT1J	K7ZV
JE6TSP	AA4R	K8VFEV	N7IR	KF2DT
JR1DUP	AA8OY	KD0PO	UN7LZ	KZ4V
K0JUH	DJ5JH	N4RWG	W6YI	N0KV
K3XA	F5CQ	PA3CSR	YO2RR	RA1QD
K6SIK	JA1JAT	PY2VA		RU6L
K9NW	JA7MYQ	SV1GYG		SV3DCX
MM0EAX				

UR5WA
W3JX
W9FR

293

DL1SMA
DS1JFY
EA3WD
HB9BAT
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
K4ZO
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
S57AT
SK3PY
SV3AQR
UN7TW
W2LK
W8AV
W9HBH
WA1S
WB9EEE

289

AA6AA
DL9TJ
I1FQH
IZ4DPV
JA8EJO
JG1WSC
JH1HHC
JH4GJR
K0TT
K3UL
KK0M
KQ4AV
OE2GEN
PU2POP
R0FA
VE3EK
W8BBQ
W9YSX

288

CT3MD
EA5KA
JA2JRG
JA2XCR
JE2RDO
K0GD
K1DT
K3WW

K4RG
LA9GX
LZ2JE
N3VA
N4LR
N6TA
OH1ZK
SM4CTI
UA3AGW
W1YIF
W2LE
W2NO
W3FOX
ZS2EZ

287

9M6YBG
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IV3GOW
JA5FDJ
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KI5BLU
N9ISN
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R9SA
SM5ARL
W1VT
W4YCH
WA6F
WN6W

286

AB5A
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JA2FGL
JH4HMG
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K1RO
K5PS
VE1JBC
W3GQ
W6PJ
W8AXI
W9MJ
WS5W

285

DL2SWN
EA3GHQ
IZ8DFO

JA0PE
JA2IYJ
JA2VMU
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K6PJ
KJ6P
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NN4X
OE1WHC
SM0CCM
W4MAY
W4UCK
WK7E

284

7K1PTT
AB4SF
CT1BWU
CT1FPQ
EI9FBB
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HL4GAV
JA3DY*
JA8CJY
JG3SKK
JH3KAI
JH3SIF
OE3HWC
SM6CTQ
UN3G
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W4FQT
W5ODD
W8HC
WB2BIN

283

HK1MW
JA1RTX
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K1UU
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SA0AQT
W1LW
W5ZG
W6BJH

282

JA5BGA
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NA5DX
NT0V*

PC3T
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W4OX
XE1KK

281

7M4AOE
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EA5OX
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JA3BXF
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N5GH
OZ1IKY
SM0NJO
SM5ENX
W0LS
W8KEN
WF2S

280

CT1EAV
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JA6TMU
JN7DOS
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JR7FRW
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N2JJ
NV9L
PY2DS
SM5CZK
US0YA
UT7UV
VK3HJ
W8LGJ
WA0MHJ
ZS4TX

279

JA6QHJ
JA7HRM
JE8TGI
JK1UNZ
SV1FJP
W5DM
WO7R

278

9A4T

EA8RR	275	272	W0FLS	K8AJS
EI9JF	DH2PC	AF9H	W0RX	N1API
F2NH	DS5ACV	I5OYY		PZ5RA
F5PBM	IV3VBM	IK5PWN	269	RA4CA
JA4VLK	JE1BMJ	JF1LMB	CT3CD	SV1HEP
K2UR	JF2VAX	JH1OBS	HB9IQB	W8MET
N4HB	JI3CJP	K7EG	IK7FPV	WB2GAI
N9RD	KA1ERL	K8BL	IK8EPC	WB3LHD
ND4X	N7KA	K9FN	IS0AFM	WQ6Q
OZ4VW	NF1G	KB1EFS	JA1OVF	
RN9N	NU1B	KI4GE	JA1VLK	265
SM4AZQ	SV5DKL	N5BO	JP1NWZ	4F2KWT
VE3CRG	W7MEM	N7XR	KR0P	G3SBP
W8MHW	WA0RVK	OE5FIN	LA6UL	G3UAS
	XE1MEX	PA0ZH	NW7E	G3WPH
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DS5TOS	EW1KP	SM7IUN	SM5FWW	JA4FM
EI2CN	IW0HOU	SV1ACK	YB1AR	JE2UFF
EI8IU	JA8XQI	W0JM		JH1ACA
F5UJK	JA8ZO	W1MK	268	JR1WCT
JA8EOT	JH1IAQ	W2OO	HA5PT	K2CBI
K2AJY	JM1GHT	W3AP	JA1IAZ	KZ5DX
K8UT	K2KA	W3ICM	JA1NWD	N5KM
N6RV	K2SN	WL7E	JA1VRU	N9JV
ON4CAS	K3PT	271	JH2VVH	VE3SKX
UW2ZM	K6UM	AA4FL	K1MAA*	W9JJB
W1KSZ	K8DV	IK2DZN	KD4W	
W1YRC	K9MBQ	IZ8EJB	KH6M	264
W2PP	KA8SYV	JA8FFM	N2AJ	4Z1UF
W3BW	KA8ZPE	JH1OCC	N3RC	EA1KP
W6DR	KS3F	K3PU	N5JB	EA3EQT
W8RLS	RA5BM	K8RRT	N5ZC	EC1AIJ
	SP6JIU	LA5SJA	NT5V	F6DBX
276	SV9AHZ	N4UOZ	SM6BGG	IK8UHA
DK3WW	UA3ECJ	UA3TT	W2FV	IZ0NRG
HB9BUN	VE3YF	W6TMD	W2XI	JA1SKE
HB9LCW	W0EWM*	W7Yaq	W6RS	JF2WXS
IZ5BAM	W8QZA/QRP	WV9L	W9OO	JR4LNG
JA6GPR			WA1YTW	N1EN
JA7FWR	273	270	267	N1GC
JA7LMZ	CT3KN	BA4MY	DL4DW	N6HC
JA8UIV	DL9FCY	DK8MCT	EA5RD	N8OC
K6EME	JA1KPH	EA1KY	HB9MFM	OH7TV
K6IPM	JA2TBS	F6HLC	JA2QXP	PA7TWO
LB2TB	JA6BEE	F9XL	JA7BEW	SV1CQN
N5MOA	JM2RUV	G4XEE	N7BT	VE6AX
NK0S	JR3UIC	HB9DHG	OH2IS	W5PF
OZ1LCG	K7XB	HL3AMO	SM5BMB	WV4TN*
PA7RA	N4IG	IK0UTM	WS9V	
RX4HZ	N4QQ	IW7DVM		263
SM5CLE	OZ1ACB	K0BJ	266	DK4TP
W1ZT	RW7M	K5VWW	GU0SUP	DM2RM
W2OIB	VK3BDX	K7UA	HB9EFK	EA3CJ
W3ACO	W4HG	K9JF	IK4AUy	EA4DL
W5GO		KG9Z	JK1VXE	HA7UW
		VE6LB	K0DD	JA2FBC
				JA7XBG

JJ1BMB	W6DE	W4LSC*	W8OP	K5FZ
JN1NBU	W8GNM	W5JAY	W9FI	NE6I
K1KO	WA5LFD	W9EWZ	WA4CEM	W2ZI
K4KAY	ZS6WB*	ZL2IFB		W3ABT
K8FH			254	W7CA
KN6KI	260	257	AG1A	W8FIB
N1RR	AA9A	6K5YIA	BA7IO	WA4JQS
NA5Q	EA8MT	AF4HX	CT1BWW	
PY2MC	EA9IE	AK5X	HB9DVO	251
W0GG	FG5FR	DJ0UT	IZ5YHD	9A4W
W1KDA	JA3VPA	EA1JO	JA0KJD	DL2RTL
WA4LOX	JE1HRC	EA7SG	JH1IED	G8AJM
WB4KTF	JH1DGJ	EB3CW	JH1VUO	HB9EBM
XE2X	JH3FUK	HL2CFY	K0GW	I0JBL
ZS6NJ	JH4ADK	IK2PZC	K3EA	IK0LNN
	JJ2WOC	JA1EMQ	K3SEW	JA5AFW
262	K1EFI	JA6OXT	KI1U	JH1UBK
CU3EJ	K1ESE	JE1PNX	LA5YJ	K4JKB
HI8R	K8YSE	K1SM	NE8P	K4VIG
I5REA	LY1G	RU1AB	UA3O	K5IB
JA8BAR	N6MZ	SV1VS	W7HPW	K8CW
JR7GBL	PY5IP	W3FI	W8IW	KJ7TEA
K8AV	SK7AX	W8MJ		N3KN
LA9FFA	SP6A	WB7B	253	N4SC
N0RN	TG9NX		AA3LX	N5UL
N1SV	WV8DX	256	AC9O	NF4A
NH6T/W4		BH4QYX	EA4DEI	SM3LGO
NK4L	259	EC1A	FG4NO	SM5FQQ
NV4B	DJ8NT	F4GVO	HL2EIZ	VE3YV
NX0I	DL9GTB	FG8OJ	JA1DDZ	W2JLK
TZ4AM	EW1BA	IK4HPU	JA6IVR	W4SK
W2/CT1GIF	HL3DE	JA1PBV	JJ1QUV	W5GAI
W6JZ	JA8BNP	JH1RGG	K6MKF	
W7LGG	JH1APK	K4JJW	KE1F	250
W7QDM	K2UFM	K7GM	KM6HB	AC9EM
W9PZT	NI3P	KB9DAK	KV4T	DJ9RR
WA3GFM	PY5CC	M0TTB	N4QWZ	HA7TM
WB8ART	SV1FKZ	VK3NX	N6KZ	IK2DUW
YB2DX	VK4CAG	W8JRK	UA0FO	JH3GFA
	W2TB		W6RW	JH6PFY
261	W7AH	255	WF4U	JL1MWI
7K1CPT	W8CZN	AA7G	YB0COU	JR0EQQ
DK3PZ	WV6E	AF5CC	YL2KF	JR5JAJ
F1ICS		AI6Z		K1KA
IZ8IEV	258	F6ECI	252	K3NQ
JA3FHL	CU3EQ	G4FKA	DL7UPN	K7KB
JE1VTZ	DH0GSU	HC1BI	G3KWK	K9YC
JH2PWY	DK7YY	IV3TMM	G3NKC	K9ZM
K2FW	E21EIC	JK1OPL	HL2KV	KA9UVY
K7LJ	EA1RT	K1FEV	IV3KFB	KF7F
KF9UG	EI2HY	K6ZZ	JA1BNW	KQ3F
KI4DLS	JA9AGN	KR4F	JA4HAW	KS4YT
KM1D	JR4LZX	LU6ETB	JF3PNQ	LB5WB
N6PM	K6EID	N1RK	JF6XQJ	PA0JSE
N9UA	KH2L	VR2XMT	JH4CBM	PY2FN
OM8FR	W1SSN	VU2CPL	JL1BYZ	SV8CKM
SM7CQY	W2GW	W0QQ	JR1VAY	W4PNY

W7IU
WA8MCD

249

AA9RR
AJ4A
G3XLF
IZ8GGF
JH8GEU
K4MV
K9NR
N8HRZ
N9PGG
OZ5NJ
SM4OLL
UN3GX
W8IQ
W9RC
WA2USA
WB8K
XE2D
YB1RUS

248

DS5DNO
G3KMQ
G3VPW
HB9DOT
HB9JOE
JE2VLG
JJ1SKG
N4XP
SV1IW
VU24DX

247

AK5Q
CT1FUH
JE2EBT
JK7LXU
JR3VMJ
K1PL
K2TER
K3VAT
NA9RB
OZ7FOC
S51NM
VU2CDP
W7IB
WC3W
WX2U

246

GW4TSG
IZ0BVU
JG3RWX
JK1WSH

K1XV
K8YYY
KB6CIO
KC9K
VU2DCC
W1KMA
W4GE
W5ZO
W6AER
WB8CQV

245

AJ8MH
EA5B
JA3QOS
JA6AVT
JF1WLK
JJ6DGP
JL3OUW
K9GA
KF7PG
N0AH
N2NW
N4IQ
N9JR
NJ7G
NZ3O
OE3KLU
S55ZZ
VE7TK
YB0NFL

244

DL8SDC
HL5BMX
JA1CZI
JI6IHG
K0KG
K1YR
K8EAB
KK1W
PA3BWD
W4REX
W5PJR
W9DX
W9MO
WA3F

243

G4XRV
JA1MZL
JA2EPW
JE0ART
JF2OZH
JS6TWW
K8ME
N4OA

UN9L
W1BR
W4LEW
WE1P
XE1RBV

242

EI9FVB
JA1OVD
JA4ZA
JH1ERJ
JH1WJR
JR1MLU
K3WWT
K4PB
K4QE
K4YJ
K7FEL
KJ7M
N2NS
N4XYZ
N6HY
NA9Q
NY1V
RC2A
SM0DSF
WS1L

241

AB5C
IK0WMJ
JH0OXS
JP1IOF
K0VSH
K2NV
K4KGG
K9JU
KV1E
N9SF
W5DNT
W5QM
YB1TQL

240

G7SSE
IW3GJF
JA1DM*
JA2FSM
JA3NHL
JH5HDA
KE8UM
KF0LA
KK9H
KS4S
N0ABA
N4HID
PY2GG

SP5LKJ
SV8DOU
UX5UO
W0SZ
W5RF
W8WEJ
W9LN
WC2K
WE4S

239

HB9DQV
IZ1JMN
IZ2FOS
JA0LXP
JA6CBG
JA7KE
JA9NFO
K2RU
K2XF
N8SHZ
W8BLA
WA6JA

238

IK2GAJ
JF0JYR
K4JC
K9OR
KA4RRU
M0CSD
N4PJ
SP5ES
W3MR
W4KA
W5LO
W5UQ
WA4QMQ
WB0TVY
ZL4AS

237

CT1BOY
G0VXE
HB9CXZ
HB9HBZ
IW9DNI
JH1DGQ
JR0QFA
K1RV
KX2A
N0ODK
SM0MPV
W2DXE
W8UN
WA0ROI
WB8B

WB8ZRL
YO3JF

236

HB9ZS
IK1IYU
JA1HOM
JA1JYE
JA3KNN
JN1NOP
K1ACL
KK0DX
KM3J
KU8X
KV4AA
N4GN
N6IE
OE2BZL
OH3OJ
PA0TCA
W0HBH
W2YR
W4GIW
WA1PMA
WY6N
YB2TX

235

EA7QW
EU1U
JE1IBI
K0EOO
K5CWR
K8ZM
N2FF
NA5Z
NW4M
TA1CM
W7YW

234

DF7EE
DK2CC
EA5DFV
HB9BYQ
HS1NGR
I0LYO
JA2OLJ
JK1BSM
K0VM
K4MF
KE5FXE
ND4V
W3WST
W7HR
WA5UA
WB0O

233 AA9GR DL8DWL DS3HWS EA5AR HB9VAB JH1SOD JJ2KDZ K8BN N4TOL N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF	SM7WVZ VE7BV W2KA W8LMG W8WVM W9YE WB2NPY WW8W	KA1J N1NU N4SV N6OJ SP7ICE W4DEE W5SL WA9GON YE4FNN	JA8NFV JH1OGT JO1LVZ K0LB K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5THT W6UC W7NN WB0ULX WB7BBQ WN6K ZS2Y	221 EA2AAZ IK0CHU IZ1JLG JI1NJC K4CGY K5DV K5ZQ KK4OW KU4XO NJ3K RU0SN W0BM WA0WWW WB0N
232 AH0U EW4C HB9BNQ HL2ZN JA5NPV JH6DUL K2HAT K3SF K4ST K5CD K5FNQ KB1DMX N3PS NY2NY RQ3A W5GA W6CYX W9ZCL	229 AD7L AE0P DS4GKF G7IRN HB9HVG JA7QQQ K0HD K3FM K4CMS KD1F KK4OK KW1DX N2SQW N4NW UR5FEO W1WC YB1TJ	226 AC4VM I0OSI JG1JPE JQ1YIW K2BA K2SD K9TF LB6KC LU4FW N2KX N5ET N6BM N9AOL NA2AA NG7M TF3DC	223 AB4UF AF2C EA7DUD I8MTQ IK0WRB IK2RZP IZ8MBW JE4RAL JP1GUW JR0AMD K6IPV KD2T KI6CG KW4V N4ENE W6GRV WC4H YL2TW	220 AA4LR AA6RR DL4LAM I1YDT IT9ODQ K1DJ K1NTR K1TZQ K3SX K4EU K4MIJ K5MT K6MM K7AWB KO8SCA KZ9DX ON4ATW SM7GIB UR4IOR VA7ZT VE6TL WA9BZW
231 AD5WB DK6OR JA2VHO JF1MTV JH0AWC KD6UO LZ2XF NA4EA SM7NDX W4UDH	228 7J1ADJ AA0MZ F1RAF F5LIW IV3FFI JA4CZM JE2KSM JF1RYU K4SX KE0A KE4UW KE6V RA3QUA VR2CH W1LE	225 AA8SW DK5RL DS4AOW EA2AFV EA2AGV EU1M IV3AVQ JA0EVI JH8NQV JJ1JMZ K0OK K1JIU K4JWA K5YU KN4PPD MU0FAL W0FG W5GZ W5TFW W5VQ W8UV W9KVR YO9FNP	222 DJ9SO DL5XL E77S IK8GJR IZ7AUH JM1VRW K1NJ K2AT KB5UNX KK2M KX4TT NN2D RA4P VK5GR W1DYJ W4WN	219 DF2UA F5JSD IK5QPS JA1FJJ JR7ILA K5JZ KG6I KI7AO KR2Q KU4BP N1KC N2ZA N6DX NN9X W5DAW WA3I
230 G3LUW JH7WQX JI1VVB K2SY K9WX KR6C	227 DF8FT DL2RUM HB9HIT I0MWI JA0DWY JK1SQI K0IL K0NV K1GE K5GH K9GWH	224 E70T G4ZOY HL5OC		

WQ5R	215 9H1EJ AA7XT HB9IIO JS6QOM JT1BV K1ZJA K2XB* KF4NEF KO6KD N8NN NU1O W0TT W1JGS W4IS W6HDG W6KK W6SL W7JY* WA6HBR ZL2AL	KC2SST KL7TC OH2LHE PP7LL SM5AOG WB9PNU WK4Y*	208 7N3IJT EI5GSB G3WW HP2NG JH0NOS K0PX K0THN K2PF* K4WES K5RJ K7PT KW4CQ KZ1W N4HN N6ZN NN5E NW6S PY2RN W1FA W5FPT WA6G	JF1IRW K0MN* K1VI K8NK KK5OQ N7NF N8BJQ NJ1H W7IUO WA3WZR
218 DL2NOM DL4NBE G4VMX I7PXV JA7FAS JH1FVE K3DFL K5ALQ KB2FCV KE3D LB2HG N4FN N4JT N8AYY N9KW ND3L W3BJ WA2NPD WB8BZK	214 3A2MW AB0X DJ3AS JA7DPC JI1WLL K0QQ K2AZ KD1AB N6PEQ PY2RO W0KCJ W2CQ WB6BFG WY1G	211 BV1EK JJ1KZZ JO4JDU JR1JGA K0KP KT2C M0HIH N1BY NY6C SM5ACQ VR2XLN W6WF	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*
217 7L2QAD AA4UC JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH KK8MM N6QI OZ0J VA3OKG W0TM WB6CJT WI7P WW2DX YO3IPR	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JR1EFG K9SG KD4SN N8GP NA2M* VK3FM	210 CU3AN JE1PHH JH6RTO KD8RQE LA6OP N4TD N8BK S54A W0UC W5WP W7FP W9IL WK8A YB0DJ ZS1J	206 7N4SQJ AG5W CT1HHP HB9CRV IK3GBG IZ0GYP IZ4DIW IZ5FSA IZ5MOQ JA4DNC	204 JF1KML JL1GYZ KM9E N5QS N7ELL NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
216 CX2CC DJ3XG I5XFD IT9AAI K5VR K7LV KR4W KT4AC N7WS NC4RB PS8ACL W0SR WB3D	212 F4WDL JA1BWA JA3LDH JP1LRT JR2PZX	209 DF3EC DL4FAP JA6ENL JH1FNU JM1SZY K3NF KB4MRX KQ5M N9XX NW7US PU1KGG SM5BNK W1AW W5AAJ W6DCK W8HMK		203 EA5HM F5NBX IK2RGT IZ0BTV IZ0CKJ JA7JPZ JH8NB K0CS K2CYS K4OY K5DCW K8YE K9OW

KA1DJ KB7AK KM7R N4TV N6PAT W3BNN WA3FRP	AD4AA DL5EBS DM6MA I4UUL JH0RVY K4VNY K9AQ MU0GSY N2RR PB9FN V51YJ W9RXJ WB4YDL	OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL	SP5IXS SP9IZV W8NN XE1YD	K5RKS K7UT K8ZT/QRP KD0AA N6MXU OH3PYY OT1A SM0BYD WA8LRW WB4GLI
202 AE4M IK5BOH/2 JF2TJJ 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	192 4X6KJ AD0K F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO NM1G UR3EO VA2IG W5SUM W8QXR XE1EE	189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO K8OS KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W2CG W4AEJ W6DPD YB4CHP
201 GI4OWA JA2MNB K0MFI K6TAR N4PYI OV5O RT5A TF3VS W1OP W6AEA	197 4X4MF BA4TB EA1DLU K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R XE1H	194 A65BD EA1WH EA5ZR EA6LP JK1DDG K1LT KM4HQE KP3AH KR8T SP6EIY W2OR W4DC W5UHQ W7PAQ WA1NXC	191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY KF2OG N4DWK N7MQ NK7C OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	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	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM JA7FVA KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB	187 AF6PK JK1NPH K0KV KM4NS LA4JGA N4ST N6VNI UN7BY W5BK W5ZE WA6EZV
199 AA3TH AC0X				

186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ K4WM K5EWS K5QX K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	JA3UNA JA4GXS JE4CIL JF1LZQ K6LRN NG9J W6TK WA7BNG YB2TS	W4DSM	176 DL6NW F4FLF HL1VAU JR1FHP K2RET K7CTV K7STO KK7YC KT8D N1JP NZ3M VE1VOX WA3GNW WD4IXD	AI9U EA3HDZ HB9DVZ JA5MOO JJ1BDX JQ1PCX K6UNE K8JE K9QJ 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	182 I5FLN I8LWL IU8IYE JA6SQR JI1CQA K7LAZ KG4JSZ KS0JD LA5LT N8NB VU3CAU W6FL W6SFK W7WZ	179 AA5TL AB4GE DL5MHQ G0OSK JA1BON JA3EEM JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* N7JB SP5ELW VU2MSA 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 K5TA LZ1XL N3AO N4BAF N6VH NC1M W1ASB W9CSX YB4IR ZL3RJ
184 AD6ZJ AE5FM EA5RU EI1DG G4AYU IK0HBN JG1DUZ JL1JVT K0RAR K3JM K8EB KD2SC N4MIK N8JS N8NA NW7M SM2EJE UT7KF W6BK WB2HJV WB3BFC WB5STU WX0Z	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	174 AC0W AG4Q DL5KUA JL6USD JR3TOE K0PC K5CR K9HQM K9UQN KN7Y N7NW N9IO W5WI W7JET WA4BIM WA4NUF WB8QZM	171 AD3C CT2GZE DL5MM F9CI G0THF IW5EIJ K2TV K4NTO K4SAF KB0V KC5LK KP4DKE N7WI N8WRL ON6MX W0MU
183 JA2KSP	180 A61BK AA4AK IK1ZNM JE3PCP JH1IZR K8SL KD3HN KI6MQX NA5S VR2XYL	177 4X6UU IW8CGX JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	173 AB6CF AE0MO	

WA4DOU	KB7QFE	JE4WOK	LA1CO	EA7LS
WA5KBH	KF9LI	JR1KBJ	N0AMI	F1OBJ
170	LU8ADX	JR6LDE	N4KM	JA1ITJ
AD5MD	LX1CW	K3VPZ	N7KDT	JA1UOA
DL2JIM	OE1ALW	KC3AK	N9LEO	JM1JZN
EI5KO	R4FAN	KG4CUY	R3IS	JR1CAD
EI6AL	SV1XV	KG5NP	SM7CZL	K7LY
JA1GVT	VR2MY	LA2XPA	VA2LC	KM2E
JG1GJH	WL7OU	N1QY	W1OK	KM2O
JJ0LZQ	167	N2RJ	W1XV	N0IW
K3GT	JA8BOV	N3KS	W8FN	N4MEC
K6JJ	JE3OUW	PT2ND	W8MIL	N5WA
K7CU	JJ3BFC	RA0BA	XE2YWH	N8IL
LA2GH	K0SRL	RL3BZ	YO3DDZ	NI5F
LB7ZG	K3GGN	VK3TC	162	W1TO
N3WD	KB8NTY	W2FS	4F1OZ	W9FF
N4VN	KE3X	W4CIR	AB1J	W9NIO*
N6EM	KH6XT	W4DWS	BH4IGO	YO8CRU
N8VV	N1ZJ	WB2WPM	DJ7JC	ZS1C
NJ6W	N4PL	164	DS3EXX	ZS6RJ
NX4TT	N8OQ	AC4BT	HB9GWJ	159
SP7QHR	NF7D	CT3DL	HS8KAY	AA3AZ
VE1OP	PY2SEX	DL7JRD	JG2LGM	AD0TR
VE2YG	WA0SXV	EI6IZ	JR4CZM	DD0VE
W0OGH	WA5NFC	IZ0GVZ	K2HT	DK8IZ
W4PGM	166	JE2DOD	KC4HN	EA1P
WA4USA	AL7R	JR7XOD	LX2SM	IZ0FUW
WA9IVH	DL1SVA	K6CF	NP3CW	JA0ED
YO4AUL	GM7NZI	K6GFJ	NS4X	JG1WNO
169	HL4XM	KA1API	OE6BME	K0IO
DM3CW	JA0NZR	KD8MQY	SP2LLP	KN6VTC
HB9GIV	JG3KMT	N2XQM	W4NBS	KO4DKI
JA1KXT	JR6GHN	NA2P	WA1LAD	LA8ZAA
K1EDG	K0FLY	PT7DX	161	N1MD
K8ZZU	KN4FO	S50B	9M8DEN	N4GBK
K9OT	KR4BD	W4IDX	HL3ERJ	N4VG
KF0RQ	KR4DA	W6SIY	JA1IHD	NE5S
KI2D	NU4Y	WA5CMI*	K0YL	TF4M
N5MT	SV2CLJ	163	K2OP	VA3NXM
N5SIX	VA7DX	AA4OC	K3GW	W1EBM
N6MB	W3DIY	AI4QQ	K4AR	W4MA
RD3BD	W4PGC	AK9B	KM4A	WD5BJT
SV1IZY	W8SAX	EA1AZ	N7QT	XE1MW
W0AIH*	WA1ZIC	F4CPF	N7VZ	ZS6C*
W7IAN*	WA5NOM	HA5BSW	NA6XX	158
WA6QGH	WB3JFS	IU5RTR	NA7RH	9J2BS
WB8EKG	YO3AIS	IW0ECV	OH3DP	G4SGX
168	ZS6IR	JA0MRW	OK2ZDL	IK3DVY
A92IO	165	JH1BHW	SM3PHM	JJ1KXB
EW1P	AG6HE	K0ABC	W5RDW	K4HQK
JA0PZJ	CU3HN	K0CF	W6DOE	K5DXR
JA4FKO	EI5JL	K3GO	W9GG	K8GWU
JH1ORA	HB9MXV	K4GN	160	KB2XJ
JH3EQP	IK0XIH	KE1B	AB2E	KF7NN
		KW4MM		KJ7NO

KV7N	155	SP5NON	150	A71AM
M0M0CV	5P5Q	W8PE	DK3BK	AI6P
N4XXM	DK3QM	W8VK	DK3FB	CU7AJ
N6MM*	IV3TDM	WB4SON	DL9SAD	EI7GY
N8TFD	JA0EBV		DM5JBN	JF2AIJ
N9AZZ	JA6SUY	152	EA7LL	JR3PKO
PY2CP	JH1AQN	AC6BW	EI5GM	K5LY
W0JMP	K2CJ	AE5B	IT9ABN	K5VG
W8LIG	K2DF	BX5AA	IW7EDZ	KA3GWD
W8OM	K4EZY	DF2WF	IZ2MHT	KB8ZUN
WB2RAJ	K8WHA	DU1KT	JA7GZM	LZ1MDU
WB9ZNZ	M0IFT	G4AFJ	K5HK	N1ZZ
WT2P	N5JEY	IK5BSC	K6VVK	N7TM
	N8IK	K2EK	K9RT	TF5B
157	NO9E	K4RDU	KI7M	W3IZ
E20YLM	NU1T	K6LPO	KX5U	W4AFB
EI2JD	OE1HHB	KD2OV	N0TK	W4AG
F6KOP	UT7EC	KE9S	N6JOJ	W8VI
JA1UBZ	W3DQS	N2TC	NC6RJ	W9GM
JA3MHA	W5SV	N9GKE	NM4SH	W9MAK
JG1XBM	YB1AYO	NJ1Q	NZ6N	
JH2AJY		ON4LG	ON6ZV	147
JH2NWP	154	ON8PHD	SM0BSO	AB9KZ
K9UO	AC8TO	R9JX	TF3Y	DL6DCD
KB1HY	DS5WQT	W6RFF	VK1AX	G3VQO
LA2IR	HB9ARK	YV4DYJ	VU2NXM	IS0/YO3RA
N0LD	HK3J		W3KB	JK1OTP
N4QM	I4JEE	151	W3UNX	K8MRT
N9MB	JA0GZZ	DF1IR	W4NE	KB9LIE
NH6L	JA4HXF	DL4KUG	WA1W	SV8RX
NJ6K	JA8ANQ	IK8OZV		VR2VGM
NK7Z	JE6PJP	IZ0FYW	149	W3KN
PY1NS	JR3QHJ	J68HZ	7N2JZT	W3NRJ
W3HKK	KC1ERO	JA2BUR	DL1MEV	WB8TGY
	KC4DM	JE1COB	DS4DRE	
156	KJ2U	K1IG	ER0FEO	146
AA4DD	KL7NW	K1QN	JA0JPD	AB9BH
EA3HPX	NE5W	K4DET	K2KIB	EA4D
F5NNN	VE3FAC	K7LAY	K4TXJ	G3LAS*
G4FTC	W5TMC	K9AAA	K8SMC*	HP3TA
G8BCG	W8TM	KE4BKL	K9EXY	JA3KWZ
GM3WIL	WA9MAG	KE8G	KD4EE	JK1AKA
HB9HHH		KK4CLY	KP4DS	K7QBO
IU4BJC	153	KQ5S	N0LGU*	K8ARY
IZ4IRO	HB9BEM	N4AA*	NE0U	K8POM
JA1CCG	JR0GXA	N7MB	NR0Q	K9AAN
JA2ODB	JR7MAZ	NU4I	NZ0O	KM8AM
JA9RT	K8RCT	SM0NUE	RT0F	N1BRL
JF2RSF	K8ROK	VA3EJN	UA9MC	N4KEB
JL3DGI	K9MMS	VA3HP	W1DAR	N6FS
JM1LPN	K9UWY	W3HER	WA1EHK	N6RK
KA9OKH	K9YZ	W5WLA	WB1ASL	N9MR*
N5QZ	KC9WPS	W6WA	WF7T	N9XG
N7RD	KK4XL	WA6MRK	XE2B	SM3DXC
W1MR	N0VVV	WA9JWL		VE3NKS
WA1KXV	N5JED	WB1DX	148	WA2MUA
	OH3FVP	WC2C	4F3BZ	WA3SKQ

WW8RT WY9V YB1BML ZS6UT	LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS WY0V	NZ9Z* PA0QRB VA6SZ W5VU W7SX W9BS WW6G YB3MM	V31CQ VE3MSC W0UHL WA5POK	JA1DCK JA3MIO 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 JH1CTV 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 K0QB 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 KM4CQG 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 JA6NQJ JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KU9S N3PV N9BVA NT9F OD5YA PV8ABC	136 IS0EBO JA0AVS K3WGR K8CQ* KI2Y NT5EE ON5GF ON5RKN OV2B VE3FRR W0ANZ W4GH W4PV WX2K	133 7J1ABD DG1SGW DL8OH G4NBS HB0WR HK4EB JA1IFD JA5IBP
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			

JM1JIV	N0AKC	128	LA2LI	W4AO
K6ME	NG4DX	A71XX	N0AB	W5CWQ
KD0KZE	NN6K	EA1AHA	N1BZ	W6ELI
KG6WIK	W5EC	EI3IO	N3GTG	W6PG
KI4TZ		F4GTB	NA1RL	WA4TMJ
LA9KY	130	HL2DBP	ON5EQ	WM4AA
N1BKB	AA4QE	IZ1UKF	VE3EDY	WR2G
N3HYB	DL1SWN	JH1AWJ	VU2TMP	ZL3PAH
N5EI	JA2LMY	JH4GXE	W0MF	
OH4KRN	JH3PRR	K0MD	WB2KSP	124
OH7HM	JL4BSE	K6OJ	WB9TFH	DJ3EJ
VU2ABS	K0BX*	K7PTC	WC2L	EC4KW
W1GY	K2MHE	K9YKL		EI8IQ
W3GP	KB4DSL	KC2THY	126	G4RGK
W3MF	KB7V	KC2WUF	EI4HH	IT9YOZ
W6OUL	KD4CM	KD5R	IK4TVP	IZ5BYJ
W9SE	KG2U	LU6XQB	IU8GNY	JA3AOP
	KK7BR	N0DL	JA5CDL	JK1MJE
132	KN4JX	N0JR	JA5XPD	K3SUI
7L3SQL	N0YO	PV8AJ	JA8WGX	K7HC
AA4FU	N1SZ	R3BB	K0AIZ	KB8DID
AK3E	N2YF	TF3MH	K2GLS	KC2NJ
AK6I	N6BDX	UR9IDX	K3LL	KC4AA
I8NLC	NS4F	W0QD	K5KDX	KD9ZR
IZ0COI	OZ6TL	W5MF	K5WRE	KE8NOA
JA9KRO	PU4MMZ	W6IS	K7PO	KK4TKJ
K4BNF	W1MO	W8BI	K8GT	KV8P
KG8OU	W4BH	W9EBO	K9QA	KY6AA
KI7HO	W9CTJ	W9TO	KC5RR	N4LSJ
KK5ID	WB8RFB	WA2BOT	KK4CB	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	JE2VYM	JP1GVC	JA2HOL
JA9EJG	KX7L	JG1LRE	K1FUG	JH1RVQ
JH1IIY	N9AVC	JG5DHX	K4TG	JL3RNZ
JK8VMB	SM2YIP	JH1HRJ	K5NOF	K2JGL
K0ARM	VK5CE	J11MNT	K8YAH*	K3DQB
K7GA	W7TG	JJ2VLY	K9ARZ	KB1W
KA5IAU	WU7X	JR1LZK	KK5J	KE7AUB
KD2NF	XE1ILI	K2GW	NN6CH	KG4OJT
KN4WOJ		K7LFY	SM5AFU	KN9N
M0NGN		KF3N	W0XE	LA2XNA

N1ECC N1GFV N6DVR N9RE OH3TY PY2ADR SV7CUD VE3VHH VU3WUA W2ARP W2WGK W4UT YB9WZJ	N5ZY NA2R NA4MM NY4G OZ6EI PP2FN TA1L TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D	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 WB2AA 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 W1RG W3MRL W5RYA	119 DL2VWR F5BAR HL2MHU JA2KGQ JA6JYM K0FJ K2CQW K7LOL LU9DO N8ERL N8LCU SV1BYI SV2KF 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		118 6K5AQY AE1T AJ6X DJ9KM IZ0RPS IZ1JIZ JA1CCH JA2KPW JA3KKE JA6CMQ K9KJS KA9JAC KB3KJ KD9BIE KG5POL KG5VK KM6WXB KX6C LZ1XZ N2ADE* N2CJN N4ZY* N8KUS NA9L R6TY VR2CC W1MJC 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	WB8PKK	K0FD	KJ4SKO
W8LR	G0DTX	WU4B	K0TI	KO4XI
WD0AJG	G3YFE	WW4N	K4AEN	LA4EI
WN0L	GM0SCA	XE1ZTW	K6JAD	LU2AH
YB2BNN	IK4EWN		K9JE*	N5FPW
ZS4JAN	IS0BQE	110	KB3Z	N5TW
	JA4RED	AG5Z	KB7DT	NJ2X
113	JF3AHI	CT7ANG	M0AQM	TA1HZ
AB1NS	JH0LME	DK4MX	N4LS	VE7VV
AC0B	K0XM	EA1BLA	N4WD	W4DVG
AD7XG	K4HEB	EI9HX	N6RVI	W6CN
DL2DCX	K4ZMV	G4VWI	N7TP	W7SMW
EA5DPL	K4ZRJ	HB9BEP	N8XS	WB5ZAM
EI2FG	K8CJY	HG6IA	NN8L	WB8LEM
F5EOT	K9KDS	IZ1EPM	NS7K	WC4B
F8GB	KW8I	JF3KOA	NW6R	
G0UII	N0OK	JH1FRW	NX1P	107
G4NAQ	N8AID	JR2PAU	PF7M	AB7RW
G4YCS	NQ4A	K3MSB	PV8DX	AK1P
HB9GZE	NZ7Q	K3WSU	SP7ASZ	BG8PA
JA2CPD	S51DV	K4KAL	T88UW	DJ5FZ
JA4CSJ	SV2BXA	K4RP	W4JDS	DK2GP
JG0HEW	W1USN	K6DJ	W5SG	E73D
JH1GNU	W3WN	K6SLO	W7CB	EA2BFM
K1JKR	W4LLP	K9TVG	W7VP	IC8XIL
K2KNB	W5GCX	KF6XA	W8MSP*	IW1PVT
K4JDJ	WA1DD	KF8PD	WA6URY	IZ1XBB
K4JLD	WD8LTM	KN6HIP	ZS1IS	JA3MAT
K4TR	WF4W	KV3W		JE1CTA
K7MO	WM4D	N1TQ	108	JS1LQI
K9DUR	WN1M	N3TTT	7M4CLF	K2FJ
KA5OWI	WW6W	N3YZ	AC0XY	K2ZD
KB1OIQ		TF8GX	AC8MR	K4LQ
KB2TGU	111	W1ZZ	AC9DX	K6DLB
KC0V	AK4N	W5JE	DB9CR	K7UWR
KH6P	EI9CN	W6TCP	DL1TPY	KA4LBD
LB8CA	F8DZY	W7UV	DL2AMD	KB0EL
LU3JVO	G4ZWY	W7YED	DL2NAI	KF2G
N4MC	HB9ECS	W8TE	DM5TI	KJ4FZ
NC6R	IK7ZLW	W9GFB	DU1IVT	KR4U
S52R	JA4DLF	YB1SKR	EA5XV	LU5OM
SM7TZK	JA5EEU	YO5QAW	G5CL	N0MHL
SV2DSJ	JA9IWR	ZS5LEE	HL5JYS	N1UZ
VA3AYA	JE1TNL		IK1RKN	NI8Z
VK7ZE	K2KYH	109	JA2DCN	PP5VA
W1FC	K5NV*	AA4RX	JH1OVY	RM6LW
W3JM	K8ZEE	AC8AZ	JR4NUN	SV3EXP
W6BBS	K9JIG	AF3K	K3XO	TA1CQ
W7CD	N4NYY	E70X	K4PWS	UX5XK
WB2UFF	NT5O	F5DBT	K8LBT	V31MD
WB9YJE	P40P	F8DHE	KC5N	VA2GA
	PT7CB	G0MMI	KC8YG	W5HY
112	TA1UT	G4FVZ	KE3ZT	W8JA
3C3CA	TA2RC	JA1IAW	KG4IYS	WB2BXO
7Z1CQ	W6KF	JA1QEY	KI0KN	WB2MKX
AD4YQ	W7WT	JH4GNE	KI4SFT	WM4W
AJ6V	WA1JQC	JI1IZS	KJ2AM	WS7I

ZP6CW	DL9GTK	HB9BMY	K1FBI	VK2GR
106	E29TGW	HS3OY	K2RNY	W1GF
AB6WQ	EA2AA	JA1CC	K3PIN	W4ASE
AC7DX	EA4E	JA1DHY	K3TXW	W7FS
AC8IL	EI6GF	JA1RBY	K4NI	W7HJ
DS2GOO	FM5FJ	JH1MYJ	K4SAW	W7IMU
DS5MNO	G3LOJ	JI4HKA	K6XJ	W9GWP
EA3AGY	HL4GHT	K0BRO	K7HV	W9TVX
EW4DX	JA1JYS	K0HB	K9WMS	WB4PWZ
F5VIF	JE2VVN	K1TWF	KA7CVJ	WB7QBS
F6JSZ	JE6UWU	K4KZM	KP4DDY	WD6T
G0OJG	JJ2BLV	K4WW	KQ6K	WD9IOK
G0RPM	JK1AIA	K5JUC	M0UPL	WN9A
G3LPS	JS2IYY	K6WY	N1MIE	XE1SAX
HI7SB	K0DKR	K7UW	N4MTT	YB0EIN
HS7WMU	K0MB	K8WVA	N5OP	YB9AY
JA3FRI	K1RI	KE4YOG	N8URE	YO6BHN
JA7HYE	K5WE	KE8Y	NB3R	ZS2ACP
JF7NNI	K7CMZ	N1FOJ	NI5G	101
JJ1IRS	K8FB	N3PW	NS7U	AA9D
K1XO	KJ8N	N4PAJ	RX3BP	AB2NI
K6US	KK4MA	N4ZR	VE7XT	AB4EJ
K6VWE	KZ4EX	N8TEM	W0RSJ	AB8YZ
KA9TOX	LA9JKA	N8WXQ	W2SUB	C31MF
KD2RUY	LZ1JZ	NA8W	W4CU	DD9WG
KI4NSP	N2YU	OM6CI	W8EH	DL3XAC
KM8V	N9APK	OZ9U	WA8KNE	EA4OR
KT5V	N9IXD	PY2YW	YB1ALL	EA4UV
M0PCB	ND4K	RK2M	ZL1IM	EA8TZ
N4DJT	NK7L	VE3ZN	102	G3VDB
N6UOZ	OH6IH	VK3MB	4X1VF	G4GEE
N7MW	PV8RR	W0VU	5W1SA	G4PUQ
N8OYY	VU2DED	W5PD	DB2WD	G8GNI
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NG4C	W1MRH	W9GXR	IC8SQS	IU2LFP
NI7F	W1PY	WB4HMA	IZ7QSS	JA1KZP
PT2DF	WD4OHD	WB7QXU	JH1IHG	JA5ALE
PY2OC	WK3A	WX0B	K1MDA	JA5JUG
UA0ABB	WK7W	YB1BUL	K2DH	JK3NSD
VE3BHZ	WZ9B	YO6HSU	K2DW	K0GEO
VE3XK	YV4EH	ZS6HON	K4HR	K3AXB
VU2MB	104	103	K6BLG	K3LA
W0TLX	7N4OBV	AF8P	K6JAV	K3SNO
W4/KL7GLL	AA2WC	DS5JMG	K7JH	K5HX
W7GB	AA6XV	EA2RY	KA8HDE	K8ESQ
WA3IIA	AJ4AV	EI9GLB	KB1AWM	K8PGJ
WA8Y	CT3DZ	FM4LV	KO3F	K9GL
WV4E	DD8BA	HB0RER	N2FY	KB5YN
YO4CPO	EA4EJP	JF1KIG	N4IR	KC3OPI
YU1LD	EI3HA	JI1FXS	N8KOJ	KC4ZA
ZL3RIK	F6ARS	JI5RPT	NA4D	KC5W
105	G0DRM	JP1KHY	NN5O	KD4SR
AA2F	G3VAO	K0FTC	R9GM	KE9UA
AI1W	GI3SG	K0JDD	S51MA	KJ5RC
AP2IA	GW0ANA	K0LU	SM0XG	KN4AMX
	HA5DI	K0OOK	US8ZAL	KU4A

LA3ANA	EI4DQ	KL7XO	WM9Q
M0PTZ	EI4GJB	KR4Q	WU1T
M5LRO	EW4A	N0JX	YB6LAY
N4PF	F5JWH	N0KM	YE1AR
NC8I	G0GFC	N0VTZ	ZS6CR
NZ1I	G8GFF	N1KI	
OZ5JQ	GW0KRL	N3NVA	
PA3AIN	HB9AJY	N4FKH	
R2ARR	HB9HFM	N4GOA	
RZ6MJ	IK7NXU	N5CR	
SV4FFL	JA7PKV	N5LJL	
TG9AKH	JE7KCI	N5LKE	
UA4PK	JG3LDD	N7WFK	
VA3QBR	JG5VFK	N7WR	
VK4BUI	JI1LLD	N8HM	
VU2OT	JN1RFY	N9MKC	
W0ZX	JR4VEV	ND0B	
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W2GM	K1HC	NX6D	
W3RMS	K1JX	OM2AGN	
W3SW	K1PTF	OZ1GCT	
W4PM	K2UF	OZ9GA	
W6OU	K2UT	PY5VC	
WB5KSD	K3NO	R2AB	
WM5H	K3RRR	SP7LPD	
WU6K	K4GM	UR8IDX	
WX7B	K4KYN	VA2EU	
XE1AO	K4QS	VE1JF	
YB8HZ	K4RSA	VE3KKB	
YO2OXD	K4TMG	VE7ON	
	K5LLA	VR2PX	
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2E0XAR	K5PSN	W0RMS	
7L3IUE	K5VSD	W0WT	
A41ZZ	K5YE	W2MW	
A71EM	K7RB	W2PTP	
A71UN/P	K7VL	W2XX	
AA7UN	K8DTF	W4CG	
AC0DH	K9EA	W4DFU	
AC0WL	KA2F	W4YR	
AD4J	KA4H	W5YKU	
AE0SQ	KB2GCG	W6OZI	
AE4VJ	KB5RW	W9KM	
AF4OZ	KB6IGK	W9ZT	
AF9W	KD1DT	WA2ALY	
AI4EY	KD5FVZ	WA2VJL	
AK4AO	KE1IU	WA3UTC	
DB6VH	KF5MDZ	WA3YZD	
DC1TK	KF5TL	WB0RXQ	
DK1MCS	KF9EX	WB2ZEX	
DK7GH	KI0G	WB6RAB	
DL3ANK	KI3O	WB6RJH	
DL5JH	KI4PG	WD1M	
DS4GQR	KK6MF	WD4GZW	
EA5PS	KL2R	WD8CW	
EI2HQB	KL7KK	WI0E	