

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 23 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
JA1ADN	AB4IQ	JR2LJO	NE1B	G0BLB
JA3EMU	CT1IUA	JS2LHI	OH2BLD	I2EOW
JF1WPB	DL2OE	K8NVR	SM6DHF	IK4DRR
K3WC		K9EU	SP5IWA	

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

HB9DDO	N9AU*	JJ1TKN	SV1GYG	296
HB9DDZ	OH8LXT	JM1FHL	W3OA	AD6W
I5HOR	PA5TT	K4XD	W6TC	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	304	W9AJ	JA9FPI	HB9RYZ
K2SHZ	CT1FCX	WA9PIE	JA9NLE	IV3YYK
K7WP	DJ9ON	WD4LBR	JH1BNC	IW0SAF
KB1JZU	DK5AD	301	JJ1DWT	IZ0RVI
KC6AWX*	EI2GLB	AC0A	K0TPP	JH4ALY
LU8EKC	EU1KY	AE5E	K4ZO	JH7BKN
N9FN	HB9CQK	AJ9C	K9SM	JK1TCV
NI6T	JA5BEN	EW2A	UA9FAR	K0KT
OE5RLM	JA7LGE	HB9BOI	VE3BW	K8VC
SM5JE*	JF2XGF	HP2AT	W2GG	LA8PT
W5AJ	K6ND	I2MQP*	XE2CQ	N0RB
W7DO	K8GI	I4KDJ	298	RA3QK
W7OM	N7US	JA0DIN	5B4AHJ	SM6BZV
W9JA	N9RS	JA1LSP	DL7BA	SV9COL
ZS2DL	OH3NHF	JA1XPQ	JA1FQI	UA6YW
306	R7FK*	JA2ATE	JA4ITW	W4VIC
DL1KUR	303	JE1LFX	JF2WGN	295
DL5EBE	E72U	JE2DZC	JL2JVX	JA1BPA
I1EIS	EA3GHZ	JG8FWH	JR7WFC	K5ZK
IK4PLW	G3LZQ	K1GG	K2PK	LZ2JE
JA0GCI	G3SVD	K4SE	K3PA	N7RO
JE1DXC	HL3IUA	LA5LJA	K5VIP	N7TY
K5WAF	JA3ENN	NA5C	K8EUR	RM0F
KD3CQ	JG0CQK	RN3QN	LU4FPZ	SP8HKT
N8SNM	K7ZA	UN6T	ND0N	W5LT
OH5VT	KB8VAO	VE3EK	PY2IQ	W6XK
R8TX	LA3WAA	W3RJW	WT4Q	W7AL
R9FM	OE5BWN	WB5JID	ZL1BYZ	294
SM5FUG	RL3FA	YO2CMI	297	4X1RU
SV2AEL	RW4NN	300	4Z4DX	AI9L
UN7JX	SM6CUK	DL4CF	BA4RF	EA6NB
VE3DZ	SP2BMX	EA1AF	E72A	HA5VZ
W5XC	SP7HOV	IW0HQE	E73Y	HA9PP
ZL3JT	SP7ITB	IZ5RVG	JA3RQ	IK0HFO
305	VU2PTT	IZ8VYU	JE7JDL	IT9CVO
AJ6T	W0VX	JA3EOP	JH1BAM	JA5SUD
DJ4XA	W1SKU	JA9AA	JM1HJG	JA9IFF
DL1TRK	WA3AFS	K0BBC	K5DHY	JE1GWO
G5LP	WT8C	K3FRK	K8WK	JE3ENP
JA7BWT	302	K6FW	KD0Q	K1DG
JE6TSP	AA4R	K8GG	KG7H	K1USA
JR1DUP	AA8OY	K8TL	KT1J	K7ZV
K0JUH	DJ5JH	K8VFE	N7IR	KF2DT
K3XA	F5CQ	KD0PO	UN7LZ	KZ4V
K6SIK	JA1JAT	N4RWG	W6YI	N0KV
K9NW	JA7MYQ	PA3CSR	YO2RR	RA1QD
MM0EAX		PY2VA		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
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
W8BBQ
W9YSX

288

CT3MD
EA5KA
JA2JRG
JA2XCR
JE2RDO
K0GD
K1DT
K3WW

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

287

9M6YBG
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JA5FDJ
JA8DNV
JE2OVG
JR8AMF
K0AZ
KI5BLU
N9ISN
OH1JP
R9SA
SM5ARL
W1VT
W4YCH
WA6F
WN6W

286

AB5A
CT3HF
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GM3PPE
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JA2FGL
JH4HMG
K1LPS
K1RO
K5PS
VE1JBC
W3GQ
W6PJ
W8AXI
W9MJ
WS5W

285

DL2SWN
EA3GHQ
IZ8DFO
JA0PE
JA2IYJ

JA2VMU
K6GXO
K6PJ
KJ6P
LA0FA
LA8HGA
NN4X
OE1WHC
SM0CCM
W4MAY
W4UCK
WK7E

284

7K1PTT
AB4SF
CT1BWU
CT1FPQ
EI9FBB
GM3YOR
HL4GAV
JA3DY*
JA8CJY
JG3SKK
JH3KAI
JH3SIF
OE3HWC
SM6CTQ
UN3G
W2AY
W4FQT
W5ODD
W8HC
WB2BIN

283

HK1MW
JA1RTX
JL1XMN
K1UU
N6PSE
OE8SPW
ON5UE
SA0AQT
W1LW
W5ZG
W6BJH

282

JA5BGA
JH3FHQ
K5UO
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NA5DX
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PC3T
UA0BA

W4OX
XE1KK

281

7M4AOE
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EA5OX
F3AT
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JA3BXF
JO4CFV
N2WB
N5GH
OZ1IKY
SM0NJO
SM5ENX
W0LS
W8KEN
WF2S

280

CT1EAV
EI6FR
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JR6LLN
JR7FRW
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K4WNW
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N2JJ
NV9L
PY2DS
SM5CZK
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VK3HJ
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WA0MHJ
ZS4TX

279

JA6QHQ
JA7HRM
JE8TGI
JK1UNZ
SV1FJP
W5DM
W07R

278

9A4T
EA8RR
EI9JF

F2NH	IV3VBM	JF1LMB	269	SV1HEP
F5PBM	JE1BMJ	JH1OBS	CT3CD	W8MET
JA4VLK	JF2VAX	K7EG	HB9IQB	WB2GAI
K2UR	JI3CJP	K8BL	IK7FPV	WB3LHD
N4HB	KA1ERL	K9FN	IK8EPC	
N9RD	N7KA	KB1EFS	IS0AFM	265
ND4X	NF1G	KI4GE	JA1OVF	4F2KWT
OZ4VW	NU1B	N5BO	JA1VLK	G3SBP
RN9N	SV5DKL	N7XR	JP1NWZ	G3UAS
SM4AZQ	W7MEM	OE5FIN	KR0P	G3WPH
VE3CRG	WA0RVK	PA0ZH	LA6UL	JA3WLN
W8MHW	XE1MEX	PY2WC	NW7E	JA4FM
		SM7IUN	OM4EX	JE2UFF
277	274	SV1ACK	SM5FWW	JH1ACA
DS5TOS	EW1KP	W0JM	YB1AR	JR1WCT
EI2CN	IW0HOU	W1MK		K2CBI
EI8IU	JA8XQI	W2OO	268	KZ5DX
F5UJK	JA8ZO	W3AP	HA5PT	N5KM
JA8EOT	JH1IAQ	W3ICM	JA1IAZ	N9JV
K2AJY	JM1GHT	WL7E	JA1NWD	VE3SKX
K8UT	K2KA		JA1VRU	W9JJB
N6RV	K2SN	271	JH2VVH	
ON4CAS	K3PT	AA4FL	K1MAA*	264
UW2ZM	K6UM	IK2DZN	KD4W	4Z1UF
W1KSZ	K8DV	IZ8EJB	KH6M	EA1KP
W1YRC	K9MBQ	JA8FFM	N2AJ	EA3EQT
W2PP	KA8SYV	JH1OCC	N3RC	EC1AIJ
W3BW	KA8ZPE	K3PU	N5JB	F6DBX
W6DR	KS3F	K8RRT	N5ZC	IK8UHA
W8RLS	RA5BM	LA5SJA	NT5V	IZ0NRG
	SP6JIU	N4UOZ	SM6BGG	JA1SKE
276	SV9AHZ	UA3TT	W2FV	JF2WXS
DK3WW	UA3ECJ	W6TMD	W2XI	JR4LNG
HB9BUN	VE3YF	W7YAQ	W6RS	N1EN
HB9LCW	W0EWM*	WV9L	W9OO	N1GC
IZ5BAM	W8QZA/QRP		WA1YTW	N6HC
JA6GPR		270		N8OC
JA7FWR	273	BA4MY	267	OH7TV
JA7LMZ	CT3KN	DK8MCT	DL4DW	PA7TWO
JA8UIV	DL9FCY	EA1KY	EA5RD	SV1CQN
K6EME	JA1KPH	F6HLC	HB9MFM	VE6AX
K6IPM	JA2TBS	F9XL	JA2QXP	W5PF
LB2TB	JA6BEE	G4XEE	JA7BEW	WV4TN*
N5MOA	JM2RUV	HB9DHG	OH2IS	
NK0S	JR3UIC	HL3AMO	SM5BMB	263
OZ1LCG	K7XB	IK0UTM	WS9V	DK4TP
PA7RA	N4IG	IW7DVM		DM2RM
RX4HZ	N4QQ	K0BJ	266	EA3CJ
SM5CLE	OZ1ACB	K5VWW	GU0SUP	EA4DL
W1ZT	RW7M	K7UA	HB9EFK	HA7UW
W2OIB	VK3BDX	K9JF	IK4AUY	JA2FBC
W3ACO	W4HG	KG9Z	JK1VXE	JA7XBG
W5GO		N7BT	K0DD	JJ1BMB
	272	VE6LB	K8AJS	JN1NBU
275	AF9H	W0FLS	N1API	K1KO
DH2PC	I5OYY	W0RX	PZ5RA	K4KAY
DS5ACV	IK5PWN	WQ6Q	RA4CA	K8FH

KN6KI	260	257	254	W3ABT
N1RR	AA9A	6K5YIA	AG1A	W7CA
NA5Q	EA8MT	AF4HX	BA7IO	W8FIB
PY2MC	EA9IE	AK5X	CT1BWW	WA4JQS
W0GG	FG5FR	DJ0UT	HB9DVO	251
W1KDA	JA3VPA	EA1JO	IZ5YHD	9A4W
WA4LOX	JE1HRC	EA7SG	JA0KJD	DL2RTL
WB4KTF	JH1DGJ	EB3CW	JH1IED	G8AJM
XE2X	JH3FUK	HL2CFY	JH1VUO	HB9EBM
ZS6NJ	JH4ADK	IK2PZC	K0GW	I0JBL
	JJ2WOC	JA1EMQ	K3EA	IK0LNN
262	K1EFI	JA6OXT	K3SEW	JA5AFW
CU3EJ	K1ESE	JE1PNX	KI1U	JH1UBK
HI8R	K8YSE	K1SM	LA5YJ	K4JKB
I5REA	LY1G	RU1AB	NE8P	K4VIG
JA8BAR	N6MZ	SV1VS	UA3O	K5IB
JR7GBL	PY5IP	W3FI	W7HPW	K8CW
K8AV	SK7AX	W8MJ	W8IW	KJ7TEA
LA9FFA	SP6A	WB7B	253	N3KN
N0RN	TG9NX		AA3LX	N4SC
N1SV	WV8DX	256	AC9EM	N5UL
NH6T/W4		BH4QYX	AC9O	NF4A
NK4L	259	EC1A	EA4DEI	SM3LGO
NV4B	DJ8NT	F4GVO	FG4NO	SM5FQQ
NX0I	DL9GTB	FG8OJ	HL2EIZ	VE3YV
TZ4AM	EW1BA	IK4HPU	JA1DDZ	W2JLK
W2/CT1GIF	HL3DE	JA1PBV	JA6IVR	W4SK
W6JZ	JA8BNP	JH1RGG	JJ1QUV	W5GAI
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	255	UA0FO	JL1MWI
261	W7AH	AA7G	W6RW	JR0EQQ
7K1CPT	W8CZN	AF5CC	WF4U	JR5JAQ
DK3PZ	WV6E	AI6Z	YB0COU	K1KA
F1ICS	258	F6ECI	YL2KF	K3NQ
IZ8IEV	CU3EQ	G4FKA	252	K7KB
JA3FHL	DH0GSU	HC1BI	DL7UPN	K9YC
JE1VTZ	DK7YY	IV3TMM	G3KWK	K9ZM
JH2PWY	E21EIC	JK1OPL	G3NKC	KA9UVY
K2FW	EA1RT	K1FEV	HL2KV	KF7F
K7LJ	EI2HY	K6ZZ	IV3KFB	KQ3F
KF9UG	JA9AGN	KR4F	JA1BNW	KS4YT
KI4DLS	JR4LZX	LU6ETB	JA4HAW	LB5WB
KM1D	K6EID	N1RK	JF3PNQ	PA0JSE
N6PM	KH2L	VR2XMT	JF6XQJ	PY2FN
N9UA	W1SSN	VU2CPL	JH4CBM	SV8CKM
OM8FR	W2GW	W0QQ	JL1BYZ	W4PNY
SM7CQY	W4LSC*	W8OP	JR1VAY	W7IU
W6DE	W5JAY	W9FI	K5FZ	WA8MCD
W8GNM	W9EWZ	WA4CEM	NE6I	
WA5LFD	ZL2IFB		W2ZI	
ZS6WB*				

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	YO3JF
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 JA9NFO K2RU K2XF N8SHZ W8BLA WA6JA	236 HB9ZS IK1IYU JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KK0DX KM3J KU8X KV4AA N4GN N6IE OE2BZL PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX
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	235 EA7QW EU1U JE1IBI K0EOO K5CWR K8ZM N2FF NA5Z NW4M TA1CM W7YW
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	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 AA4UC 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
230 G3LUW JH7WQX JI1VVB K2SY K9WX KR6C	227 DF8FT DL2RUM HB9HIT I0MWI JA0DWY JK1SQI K0IL K0NV K1GE K5GH K9GWH	224 E70T G4ZOY HL5OC		

WA3I	215	KC2SST	208	JF1IRW
WQ5R	9H1EJ	KL7TC	7N3IJT	K0MN*
218	AA7XT	OH2LHE	EI5GSB	K1VI
DL2NOM	HB9IIO	PP7LL	G3WW	K8NK
DL4NBE	JS6QOM	SM5AOG	HP2NG	KK5OQ
G4VMX	JT1BV	WB9PNU	JH0NOS	N7NF
I7PXV	K1ZJA	WK4Y*	K0PX	N8BJQ
JA7FAS	K2XB*	211	K0THN	NJ1H
JH1FVE	KF4NEF	BV1EK	K2PF*	W7IUO
K3DFL	KO6KD	JJ1KZZ	K4WES	WA3WZR
K5ALQ	NU1O	JO4JDU	K5RJ	205
KB2FCV	W0TT	JR1JGA	K7PT	AC9S
KE3D	W1JGS	K0KP	KW4CQ	DL6UNF
KK8MM	W4IS	KT2C	KZ1W	GM0VRP
LB2HG	W6HDG	M0HIH	N4HN	JA0CIU
N4FN	W6KK	N1BY	N6ZN	JA4DHN
N4JT	W6SL	NY6C	NN5E	JA7JM
N8AYY	W7JY*	SM5ACQ	NW6S	JA7MNF
N9KW	WA6HBR	VR2XLN	PY2RN	JO3WHB
ND3L	ZL2AL	W6WF	W1FA	K4YYL
W3BJ	214	210	W5FPT	KI4WCQ
WA2NPD	3A2MW	CU3AN	WA6G	KL0S
WB8BZK	AB0X	JE1PHH	207	KM4VI
217	DJ3AS	JH6RTO	9K2BM	N2KI
7L2QAD	JA7DPC	KD8RQE	DG5LAC	VU2LBW
JA2NNF	JI1WLL	LA6OP	HI3T	WA4MME
JA7ZP	K0QQ	N4TD	JA7MAD	XE1J*
JG5RVQ	K2AZ	N8BK	JE3EDJ	204
JH8UQJ	KD1AB	S54A	K4GO	JF1KML
K1RH	N6PEQ	W0UC	K6ZP	JF2TJJ
N6QI	PY2RO	W5WP**	K9FZ*	JL1GYZ
OZ0J	W0KCJ	W7FP	KB5HC	KM9E
VA3OKG	W2CQ	W9IL	KE1VT	N5QS
W0TM	WB6BFG	WK8A	KK9T	N7ELL
WB6CJT	WY1G	YB0DJ	M0IKW	NC2Y
WI7P	213	ZS1J	N9AKR	NO0B
WW2DX	9A1AD	209	OE1JIS	ON6KE
YO3IPR	AG3V	DF3EC	ON4ANN	VU2IBI
216	DK3UA	DL4FAP	RD9M	W4GP
CX2CC	JA0LFV	JA6ENL	VK2CA	W7IV
DJ3XG	JA1FVS	JH1FNU	W1MJB	XE1L
I5XFD	JR1EFG	JM1SZY	W9QO	203
IT9AAI	K9SG	K3NF	WA9DU	EA5HM
K5VR	KD4SN	KB4MRX	YB0MWM	F5NBX
K7LV	N8GP	KQ5M	206	IK2RGT
KR4W	N8NA	N9XX	7N4SQJ	IZ0BTV
KT4AC	NA2M*	NW7US	AG5W	IZ0CKJ
N7WS	VK3FM	PU1KGG	CT1HHP	JA7JPZ
NC4RB	212	SM5BNK	HB9CRV	JH8NBJ
PS8ACL	F4WDL	W1AW	IK3GBG	K0CS
W0SR	JA1BWA	W5AAJ	IZ0GYP	K2CYS
WB3D	JA3LDH	W6DCK	IZ4DIW	K4OY
	JP1LRT	W8HMK	IZ5FSA	K5DCW
	JR2PZX		IZ5MOQ	K8YE
			JA4DNC	

K9OW	AD4AA	NA9A	SP5IXS	K5RKS
KA1DJ	DL5EBS	OZ1HPS	SP9IZV	K7UT
KB7AK	DM6MA	SP3F	W8NN	K8ZT/QRP
KM7R	I4UUL	SP5MXZ	XE1YD	KD0AA
N4TV	JH0RVY	W6HYI		N6MXU
N6PAT	K4VNY	W6RKC	192	OH3PYY
W3BNN	K9AQ	WB5NHL	4X6KJ	OT1A
WA3FRP	MU0GSY		AD0K	SM0BYD
	N2RR	195	F6FYD	W2CG
202	PB9FN	CT1ELF	IZ7GIT	WA8LRW
AE4M	V51YJ	JA3AVO	K5TN	WB4GLI
IK5BOH/2	W9RXJ	K4KEW	K6XN	
JR1IZM	WB4YDL	KB9AIT	KJ4UZU	189
N8WD		KE4S	KJ4YLO	DS4NPL
PT2ADM	198	KF9AF	NM1G	IV3KCB
W3NS	AG7N	N3XM	UR3EO	JA1SGU
W4RDX	DJ0MCH	NA6MG	VA2IG	JG1SWM
W7TUS	G1VDP	OH6NIO	W5SUM	JH3FCF
W7VY	IT9IPQ	SQ7FPH	W8QXR	JK1JAS
WE2N	IV3BSF	VE3YXO	XE1EE	K6JAT*
WN7J	JM1ESG	W3SB		K6UXO
	KO4PRE	W9ROG	191	K8OS
201	N3ND	WQ5T	AA4NC	KY5I
GI4OWA	RA3BL		G4DDL	N2MEE
JA2MNB	VK6OZ	194	HA5CW	N6NU
K0MFI	W6SHY	A65BD	JK1AJX	NA2U
K6TAR	WA2VQV	EA1WH	K1RI*	RM3DA
N4PYI	WB4DNL	EA5ZR	K8QKY	RN3CT
OV5O	XE1FAS	EA6LP	KF2OG	SM4BZH
RT5A	XE1R	K1LT	N4DWK	W4AEJ
TF3VS	YV5LI	KM4HQE	N7MQ	W6DPD
W1OP		KP3AH	NK7C	YB4CHP
W6AEA	197	KR8T	OZ7DN	
	4X4MF	SP6EIY	W0MS	188
200	BA4TB	W2OR	W0PE	EA7AN
AJ8B	EA1DLU	W4DC	W5CCP	JS6SCC
DK1NAL	JK1DDG	W5UHQ	W5IP	K2AX
HB9AGO	K8SIA	W7PAQ	W8UQ	K2DC
HB9FBG	KG6DX	WA1NXC	WF1H	N0STL
IZ8EKL	TF3JB		WI8R	N2ZZ
JA3EY	W4DAO	193	WV2I	N5FEE
K3HW	W4HZ	7L4VYK		OZ9XU
KC6JAM	WD8KND	AE4CW	190	WV4V
LA7EIA	WF8R	DH3KM	AA4U	YO2DFA
N1IA	XE1H	IK2ULM	AG5CN	
PY3VB		JA0AXV	DJ9KV	187
VK2HV	196	JA1QIW	E74K	AF6PK
VK6LC	AD8P*	JA3PRM	EC7B	JK1NPH
W2NY	HB9BOU	JA7FVA	F4DSE	K0KV
W3ML	HB9ESS	KM1C	GM4KHE	KM4NS
W9WO	I7LGM	LZ2ZG	HL4CCM	LA4JGA
WB9W	I8YAV	N3AIU	IK1UGX	N4ST
ZS1DX	JP7FSO	N6DHZ	JA2ITK	N6VNI
	K1JD	N7VPN	JH7NTW	UN7BY
199	KA5JSM	NU4B	JH8KFE	W5BK
AA3TH	N2GZ	PY8WW	JI2UDK	W5ZE
AC0X	N3QE	SM5ELV	JK1BIB	WA6EZV

186 AA8KY CT1ESO JN4FNZ JR3ADB K1BZ K4WM K5EWS K5QX K6EGF KC6X VE3NJC W8RV WA5IPS WZ4RC	JA4GXS JE4CIL JF1LZQ K6LRN NG9J W6TK WA7BNG YB2TS	179 AA5TL AB4GE DL5MHQ G0OSK JA1BON JA3EEM JG1RYQ JH1XFR K4WZ KE5TD KJ6NZ KZ2R N3KV N3ME* N7JB SP5ELW VU2MSA W0ZS W1HS W4CCS W4GHW W4TUN	176 DL6NW F4FLF HL1VAU JR1FHP K2RET K5CR 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	178 AC0DQ EA8AXT IW0BYL JA1ERB JE3FOR JK1EBA K1ZE KL7TS KU1T KW9U N4MI W7HUY WB6AXD	175 4O3A IW1PUR JA1PVX K1ROA K4WY K6NR KD4POJ KF6HI KN7D KW4J N7GCO N7NG NS3L UA1OM UA9AGX VU2YYF YB1RKT	172 AA5N G6MXL 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 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	177 4X6UU IW8CGX JE4KCN JG3KLF K2JL K2MK K3OX KF4VTT KP3V* SM5CBM W0IKD W0JW W1AO W4DTA W4KVS	174 AC0W AG4Q DL5KUA JL6USD JR3TOE K0PC 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 JA3UNA	180 A61BK AA4AK IK1ZNM JE3PCP JH1IZR K8SL KD3HN KI6MQX NA5S VR2XYL W4DSM			

WA4DOU	KB7QFE	IK0XIH	KW4MM	EA7LS
WA5KBH	KF9LI	JE4WOK	LA1CO	F1OBJ
	LU8ADX	JR1KBJ	N0AMI	JA1ITJ
170	LX1CW	JR6LDE	N4KM	JA1UOA
AD5MD	OE1ALW	K3VPZ	N7KDT	JM1JZN
DL2JIM	R4FAN	KC3AK	N9LEO	JR1CAD
EI5KO	SV1XV	KG4CUY	R3IS	K7LY
EI6AL	VR2MY	KG5NP	SM7CZL	KM2E
JA1GVT	WL7OU	LA2XPA	VA2LC	KM2O
JG1GJH		N1QY	W1OK	N0IW
JJ0LZQ	167	N2RJ	W1XV	N4MEC
K3GT	HB9GWJ	N3KS	W8FN	N5WA
K6JJ	JA8BOV	PT2ND	W8MIL	N8IL
K7CU	JE3OUW	RA0BA	XE2YWH	NI5F
LA2GH	JI3BFC	RL3BZ	YO3DDZ	W1TO
LB7ZG	K0SRL	VK3TC		W9FF
N3WD	K3GGN	W2FS	162	W9NIO*
N4VN	KB8NTY	W4CIR	4F1OZ	YO8CRU
N6EM	KE3X	W4DWS	AB1J	ZS1C
N8VV	KH6XT	WB2WPM	BH4IGO	ZS6RJ
NJ6W	N1ZJ		DJ7JC	
NX4TT	N4PL	164	DS3EXX	159
SP7QHR	N8OQ	AC4BT	HS8KAY	AA3AZ
VE1OP	NF7D	CT3DL	JG2LGM	AD0TR
VE2YG	PY2SEX	DL7JRD	JR4CZM	DD0VE
W0OGH	WA0SXV	EI6IZ	K2HT	DK8IZ
W4PGM	WA5NFC	IZ0GVZ	KC4HN	EA1P
WA4USA		JE2DOD	LX2SM	IZ0FUW
WA9IVH	166	JR7XOD	NP3CW	JA0ED
YO4AUL	AL7R	K6CF	NS4X	JG1WNO
	DL1SVA	K6GFJ	OE6BME	K0IO
169	GM7NZI	KA1API	SP2LLP	K5DXR
DM3CW	HL4XM	KD8MQY	W4NBS	KB1HY
HB9GIV	JA0NZR	N2XQM	WA1LAD	KN6VTC
JA1KXT	JG3KMT	NA2P		KO4DKI
K1EDG	JR6GHN	PT7DX	161	LA8ZAA
K8ZZU	K0FLY	S50B	9M8DEN	N1MD
K9OT	KN4FO	W4IDX	HL3ERJ	N4GBK
KF0RQ	KR4BD	W6SIY	JA1IHD	N4VG
KI2D	KR4DA	WA5CMI*	K0YL	NE5S
N5MT	NU4Y		K2OP	TF4M
N5SIX	SV2CLJ	163	K3GW	VA3NXM
N6MB	VA7DX	AA4OC	K4AR	W1EBM
RD3BD	W3DIY	AI4QQ	KM4A	W4MA
SV1IZY	W4PGC	AK9B	N7QT	WA1W
W0AIH*	W8SAX	EA1AZ	N7VZ	WD5BJT
W7IAN*	WA1ZIC	F4CPF	NA6XX	XE1MW
WA6QGH	WA5NOM	HA5BSW	NA7RH	ZS6C*
WB8EKG	WB3JFS	IU5RTR	OH3DP	
	YO3AIS	IW0ECV	OK2ZDL	158
168	ZS6IR	JA0MRW	SM3PHM	9J2BS
A92IO		JH1BHW	W5RDW	G4SGX
EW1P	165	K0ABC	W6DOE	IK3DVY
JA0PZJ	AG6HE	K0CF	W9GG	JJ1KXB
JA4FKO	CU3HN	K3GO		K4HQB
JH1ORA	EI5JL	K4GN	160	K8GWU
JH3EQP	HB9MXV	KE1B	AB2E	KB2XJ

KF7NN	155	SP5NON	150	AI6P
KJ7NO	5P5Q	W8PE	DK3BK	CU7AJ
KV7N	DK3QM	W8VK	DK3FB	EI7GY
M0MCMV	IV3TDM	WB4SON	DL9SAD	JF2AIJ
N4XMX	JA0EBV	152	DM5JBN	JR3PKO
N6MM*	JA6SUY	AC6BW	EA7LL	K0QB
N8TFD	JH1AQN	AE5B	EI5GM	K5LY
N9AZZ	K2CJ	BX5AA	IT9ABN	K5VG
PY2CP	K2DF	DF2WF	IW7EDZ	KA3GWD
W0JMP	K4EZY	DU1KT	IZ2MHT	KB8ZUN
W8LIG	K8WHA	G4AFJ	JA7GZM	LZ1MDU
W8OM	M0IFT	IK5BSC	K5HK	N1ZZ
WB2RAJ	N5JEY	K2EK	K6VVK	N7TM
WB9ZNZ	N8IK	K4RDU	K9RT	TF5B
WT2P	NO9E	K6LPO	KI7M	W3IZ
157	NU1T	KD2OV	KX5U	W4AFB
E20YLM	OE1HHB	KE9S	N0TK	W4AG
EI2JD	UT7EC	N2TC	N6JOJ	W8VI
F6KOP	W3DQS	N9GKE	NC6RJ	W9GM
JA1UBZ	W5SV	NJ1Q	NM4SH	W9MAK
JA3MHA	YB1AYO	ON4LG	NZ6N	WY0V
JG1XBM	154	ON8PHD	ON6ZV	147
JH2AJY	AC8TO	R9JX	SM0BSO	AB9KZ
JH2NWP	DS5WQT	W6RFF	TF3Y	DL6DCD
K9UO	HB9ARK	YV4DYJ	VK1AX	G3VQO
LA2IR	HK3J	151	VU2NXM	IS0/YO3RA
N0LD	I4JEE	DF1IR	W3KB	JK1OTP
N4QM	JA0GZZ	DL4KUG	W3UNX	K8MRT
N9MB	JA4HXF	IK8OZV	W4NE	KB9LIE
NH6L	JA8ANQ	IZ0FYW	149	SV8RX
NJ6K	JE6PJP	J68HZ	7N2JZT	VR2VGM
NK7Z	JR3QHJ	JA2BUR	DL1MEV	W3KN
PY1NS	KC1ERO	JE1COB	DS4DRE	W3NRJ
W3HKK	KC4DM	K1IG	ER0FEO	WB8TGY
156	KJ2U	K1QN	JA0JPD	146
AA4DD	KL7NW	K4DET	K2KIB	AB9BH
EA3HPX	NE5W	K7LAY	K4TXJ	EA4D
F5NNN	VE3FAC	K9AAA	K8SMC*	G3LAS*
G4FTC	W5TMC	KE4BKL	K9EXY	HP3TA
G8BCG	W8TM	KE8G	KD4EE	JA3KWZ
GM3WIL	WA9MAG	KK4CLY	KP4DS	JK1AKA
HB9HHH	153	KQ5S	N0LGU*	K7QBO
IU4BJC	HB9BEM	N4AA*	NE0U	K8ARY
IZ4IRO	JR0GXA	N7MB	NR0Q	K8POM
JA1CCG	JR7MAZ	NU4I	NZ0O	K9AAN
JA2ODB	K8RCT	SM0NUE	RT0F	KM8AM
JA9RT	K8ROK	VA3EJN	UA9MC	N1BRL
JF2RSF	K9MMS	VA3HP	W1DAR	N4KEB
JL3DGI	K9UWY	W3HER	WA1EHK	N6FS
JM1LPN	K9YZ	W5WLA	WB1ASL	N6RK
KA9OKH	KC9WPS	W6WA	WF7T	N9MR*
N5QZ	KK4XL	WA6MRK	XE2B	N9XG
N7RD	N0VVV	WA9JWL	148	SM3DXC
W1MR	N5JED	WB1DX	4F3BZ	VE3NKS
WA1KXV	OH3FVP	WC2C	A71AM	WA2MUA

WA3SKQ WW8RT WY9V YB1BML ZS6UT	KN7K LB2TG N2YBB N4UP N7ZA TG9AJR W4JVN W4UFO W7VS	NZ9Z* PA0QRB VA6SZ W5VU W7SX W9BS WW6G YB3MM	V31CQ VE3MSC W0UHL WA5POK	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 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 JI1DMH JQ2MPJ K2YSY K9BO KC9G KD3UY KF6A KM4CQG 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 JM1JIV
143 AA4MM AF3X DB4RG FM5DN HB9AAA JA1MOD K2OO K9BQL K9MQ KE4FW KG6D KI4R KJ4R	140 AC9GK AD9DX EI6JK K0UBR K3HPA K5GZR K6EV K6GCN K7VC LA8PDA LZ2HM N7TW NS0D			

K6ME	N0AKC	128	LA2LI	W4AO
KD0KZE	NG4DX	A71XX	N0AB	W5CWQ
KG6WIK	NN6K	EA1AHA	N1BZ	W6ELI
KI4TZ	W5EC	EI3IO	N3GTG	W6PG
LA9KY		F4GTB	NA1RL	WA4TMJ
N1BKB	130	HL2DBP	ON5EQ	WM4AA
N3HYB	AA4QE	IZ1UKF	VE3EDY	WR2G
N5EI	DL1SWN	JE2VYM	VU2TMP	ZL3PAH
OH4KRN	JA2LMY	JH1AWJ	W0MF	
OH7HM	JH3PRR	JH4GXE	WB2KSP	124
VU2ABS	JL4BSE	K0MD	WB9TFH	DJ3EJ
W1GY	K0BX*	K6OJ	WC2L	EC4KW
W3GP	K2MHE	K7PTC		EI8IQ
W3MF	KB4DSL	K9YKL	126	G4RGK
W6OUL	KB7V	KC2THY	EI4HH	IT9YOZ
W9SE	KD4CM	KC2WUF	IK4TVP	IZ5BYJ
WB2AA	KG2U	KD5R	IU8GNY	JA3AOP
	KK7BR	LU6XQB	JA5CDL	JK1MJE
132	KN4JX	N0DL	JA5XPD	K3SUI
7L3SQL	N0YO	N0JR	JA8WGX	K7HC
AA4FU	N1SZ	PV8AJ	K0AIZ	KB8DID
AK3E	N2YF	R3BB	K2GLS	KC2NJ
AK6I	N6BDX	TF3MH	K3LL	KC4AA
I8NLC	NS4F	UR9IDX	K5KDX	KD9ZR
IZ0COI	OZ6TL	W0QD	K5WRE	KE8NOA
JA9KRO	PU4MMZ	W5MF	K7PO	KK4TKJ
K4BNF	W1MO	W6IS	K8GT	KV8P
KG8OU	W4BH	W8BI	K9QA	KY6AA
KI7HO	W9CTJ	W9EBO	KC5RR	N4LSJ
KK5ID	WB8RFB	W9TO	KK4CB	N5VBK
M3DFW	YO8PS	WA2BOT	N1GNB	NT4K
N3TR		WA4UWD	N5HC	W0DD
N4EDT	129	WC4V	N8YQX	W6ND
N4QOG	AD6KQ	WP4CQ	NC7M	WF5I
NN3V	AE7U	WQ1H	VE3TMG	WW5L
ON6YH	CR7BRV	YB0AZ	VK2DAG	ZL3REX
OR4K	DS4EJA	ZS6AKU	W3ATV	ZS6NK
OZ3SK*	DS4OMS		W8PAT	
SM7DXQ	IK8PGE	127	W9COS	123
UW7UA	JA1PLT	7Z1HL	XE3E	AB4BJ
W3KHZ	JA2ACI	AG4TO		AI5EG
W4MC	JA3WMS	DJ5DT	125	DJ6OZ
W5FL	JH1RFM	DL5FAC	AB5GU	DS4DBF
W7FI	JN1SUT	EA4TX	AC4XO	G6NHU
WA1HXX	K4CNF	EI4BZ	AF8C	IK0XKP
ZS1EL	K7ORK	HK6K	EI8GS	IZ8LMA
	KB4KBS	I2YPY	G4EHT	JA1GLE
131	KS4WA	JA0BES	JP1GVC	JA2HOL
JA9EJG	KX7L	JG1LRE	K1FUG	JH1RVQ
JH1IY	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	NA2R NA4MM NY4G OZ6EI PP2FN TA1L TA7AZC UA0FDX UR5FLN W0LGQ W3/NH7C W3JXP W4CC W4KCM W7PC W9MB WA7HQD WC9C WQ8T WU9D ZS1IS	W5RYA W6GJB WT5L 119 DL2VWR F5BAR HL2MHU JA2KGQ JA6JYM K0FJ K2CQW K7LOL KG5POL LU9DO N8ERL N8LCU SV1BYI SV2KF TA1HZ VK7AP W1ZK W6ZPL W8EOG W9JJ WF8Z WJ1B ZL2AO	WB5TOI WD0ANB ZS2I 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	OE6CLD RW6MBC SM1NJC VR2IL VY2RU W1HQ W7QC* W7WES W9LU WA4VJK WT9U WW5RC 115 AA9WO AF7WM E74A EI4GNB HL4RBR IW2FLB JA0NPQ JH8LEY K1RE K8CR KB4CRT KG4URP KW1X MM1PTT N7PIB NE1RD NW6V OE5MPL SP5BMU W4OV W5WS WJ5K WS4H
122 AA0BH AA5B AB5YI DL6LZM G0HSA HC1HN JA9ALR K0HQW 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	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	116 6K2ILX AA0FT CT7BQH EA5GXI G8GHD JA5GOJ JF1AZQ JR4DHK JT1CO JT1DN K1EO K4GHS K4LCP K8JRK K8MN KC1RET KD5RBU N0ATQ N2ZL N3CAL	114 EI2IP G3CWW G4HUN HC1HC I0BJV JA1CPU JA8EIA JG4OOU JM3XZC K3PL KA1CTL KI8AE N3DD NA1DX NG8T NK5K TF1A TF3G

W0QKL	AJ6V	W7WT	JH4GNE	KI4SFT
W2ZK	EI8JB	WA1JQC	J11IZS	KJ2AM
W8LR	G0DTX	WB8PKK	K0FD	KJ4SKO
WD0AJG	G3YFE	WU4B	K0TI	KO4XI
WN0L	GM0SCA	WW4N	K4AEN	LA4EI
YB2BNN	IK4EWN	XE1ZTW	K6JAD	LU2AH
ZS4JAN	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	107
G4NAQ	N0OK	JF3KOA	NW6R	AB7RW
G4YCS	N8AID	JH1FRW	NX1P	AK1P
HB9GZE	NQ4A	JR2PAU	PF7M	BG8PA
JA2CPD	NZ7Q	K3MSB	PV8DX	DJ5FZ
JA4CSJ	S51DV	K3WSU	SP7ASZ	DK2GP
JG0HEW	SV2BXA	K4KAL	T88UW	E73D
JH1GNU	W1USN	K4RP	W4JDS	EA2BFM
K1JKR	W3WN	K6DJ	W5SG	IC8XIL
K2KNB	W4LLP	K6SLO	W7CB	IW1PVT
K4JDJ	W5GCX	K9TVG	W7VP	IZ1XBB
K4JLD	WA1DD	KF6XA	W8MSP*	JA3MAT
K4TR	WD8LTM	KF8PD	WA6URY	JE1CTA
K7MO	WF4W	KN6HIP	108	JS1LQI
K9DUR	WM4D	KV3W	7M4CLF	K2FJ
KA5OWI	WN1M	N1TQ	AC0XY	K2ZD
KB1OIQ	WW6W	N3TTT	AC8MR	K4LQ
KB2TGU	111	N3YZ	AC9DX	K6DLB
KC0V	AK4N	TF8GX	DB9CR	K7UWR
KH6P	EI9CN	W1ZZ	DK1MCS	KA4LBD
LB8CA	F8DZY	W5JE	DL1TPY	KB0EL
LU3JVO	G4ZWY	W6TCP	DL2AMD	KF2G
N4MC	HB9ECS	W7UV	DL2NAI	KJ4FZ
NC6R	IK7ZLW	W7YED	DM5TI	KR4U
S52R	JA4DLF	W8TE	DU1IVT	LU5OM
SM7TZK	JA5EEU	W9GFB	EA5XV	N0MHL
SV2DSJ	JA9IWR	YB1SKR	G5CL	N1UZ
VA3AYA	JE1TNL	YO5QAW	HL5JYS	NI8Z
VK7ZE	K2KYH	ZS5LEE	IK1RKN	PP5VA
W1FC	K5NV*	109	JA2DCN	RM6LW
W3JM	K8ZEE	AA4RX	JH1OVY	SV3EXP
W6BBS	K9JIG	AC8AZ	JR4NUN	TA1CQ
W7CD	N4NYY	AF3K	K3XO	UX5XK
WB2UFF	N9ARX	E70X	K4PWS	V31MD
WB9YJE	NT5O	F5DBT	K8LBT	VA2GA
	P40P	F8DHE	KC5N	W5HY
112	PT7CB	G0MMI	KC8YG	W8JA
3C3CA	TA1UT	G4FVZ	KE3ZT	WB2BXO
7Z1CQ	TA2RC	JA1IAW	KG4IYS	WB2MKX
AD4YQ	W6KF	JA1QEY	KI0KN	WM4W

WS7I	AP2IA	HA5DI	K0OOK	SM0XG
ZP6CW	DL9GTK	HB9BMY	K1FBI	US8ZAL
106	E29TGW	HS3OY	K2RNY	VK2GR
AB6WQ	EA2AA	JA1CC	K3PIN	W1GF
AC7DX	EA4E	JA1DHY	K3TXW	W4ASE
AC8IL	EI6GF	JA1RBY	K4NI	W7FS
DS2GOO	FM5FJ	JH1MYJ	K4SAW	W7HJ
DS5MNO	G3LOJ	JI4HKA	K6XJ	W7IMU
EA3AGY	HL4GHT	K0BRO	K7HV	W9GWP
EW4DX	JA1JYS	K0HB	K9WMS	W9TVX
F5VIF	JE2VVN	K1TWF	KA7CVJ	WB4PWZ
F6JSZ	JE6UWU	K4KZM	KF9EX	WB7QBS
G0OJG	JJ2BLV	K4WW	KP4DDY	WD6T
G0RPM	JK1AIA	K5JUC	KQ6K	WD9IOK
G3LPS	JS2IYY	K6WY	M0UPL	WN9A
HI7SB	K0DKR	K7UW	N1MIE	XE1SAX
HS7WMU	K0MB	K8WVA	N4MTT	YB0EIN
JA3FRI	K1RI	KE4YOG	N5OP	YB9AY
JA7HYE	K5WE	KE8Y	N8URE	YO6BHN
JF7NNI	K7CMZ	N1FOJ	NB3R	ZS2ACP
JJ1IRS	K8FB	N3PW	NI5G	101
K1XO	KJ8N	N4PAJ	NS7U	AA9D
K6US	KK4MA	N4ZR	RX3BP	AB2NI
K6VWE	KZ4EX	N8TEM	VE7XT	AB4EJ
KA9TOX	LA9JKA	N8WXQ	W0RSJ	AB8YZ
KD2RUY	LZ1JZ	NA8W	W2SUB	C31MF
KI4NSP	N2YU	OM6CI	W4CU	DD9WG
KM8V	N9APK	OZ9U	W8EH	DL3XAC
KT5V	N9IXD	PY2YW	WA8KNE	EA4OR
M0PCB	ND4K	RK2M	YB1ALL	EA4UV
N4DJT	NK7L	VE3ZN	ZL1IM	EA8TZ
N6UOZ	OH6IH	VK3MB	102	G3VDB
N7MW	PV8RR	W0VU	4X1VF	G4GEE
N8OYY	VU2DED	W5PD	5W1SA	G4PUQ
N9ZJ	W0PPA	W7KHZ	DB2WD	G8GNI
NG4C	W1MRH	W9GXR	DL4FDM	IK2HLM
NI7F	W1PY	WB4HMA	IC8SQS	IU2LFP
PT2DF	WD4OHD	WB7QXU	IZ7QSS	JA1KZP
PY2OC	WK3A	WX0B	JH1IHG	JA5ALE
UA0ABB	WK7W	YB1BUL	K1MDA	JA5JUG
VE3BHZ	WZ9B	YO6HSU	K2DH	JK3NSD
VE3XK	YV4EH	ZS6HON	K2DW	K0GEO
VU2MB	104	103	K4HR	K3AXB
W0TLX	7N4OBV	AF8P	K6BLG	K3LA
W4/KL7GLL	AA2WC	DS5JMG	K6JAV	K3SNO
W7GB	AA6XV	EA2RY	K7JH	K5HX
WA3IIA	AJ4AV	EI9GLB	KA8HDE	K8ESQ
WA8Y	CT3DZ	FM4LV	KB1AWM	K8PGJ
WV4E	DD8BA	HB0RER	KO3F	K9GL
YO4CPO	EA4EJP	JF1KIG	N2FY	KB5YN
YU1LD	EI3HA	JI1FXS	N4IR	KC3OPI
ZL3RIK	F6ARS	JI5RPT	N8KOJ	KC4ZA
105	G0DRM	JP1KHY	NA4D	KC5W
AA2F	G3VAO	K0FTC	NN5O	KD4SR
AI1W	GI3SG	K0JDD	R9GM	KE9UA
	GW0ANA	K0LU	S51MA	KJ5RC

KN4AMX	EI2HZB	KL7XO	WM9Q
KU4A	EI4DQ	KR4Q	WU1T
LA3ANA	EI4GJB	N0JX	YB6LAY
M0PTZ	EW4A	N0KM	YE1AR
M5LRO	F5JWH	N0VTZ	ZS6CR
N4PF	G0GFC	N1KI	
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	ND0B	
VU2OT	JR4VEV	NE3K	
W0ZX	JS6UOU	NJ8J	
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W2GHD	K1HC	OM2AGN	
W2GM	K1JX	OZ1GCT	
W3RMS	K1PTF	OZ9GA	
W3SW	K2UF	PY5VC	
W4PM	K2UT	R2AB	
W6OU	K3NO	SP7LPD	
WB5KSD	K3RRR	UR8IDX	
WM5H	K4GM	VA2EU	
WU6K	K4KYN	VE1JF	
WX7B	K4QS	VE3KKB	
XE1AO	K4RSA	VE7ON	
YB8HZ	K4TMG	VR2PX	
YO2OXD	K5LLA	VU2OY	
	K5MMH	W0RMS	
100	K5PSN	W0WT	
2E0XAR	K5VSD	W2MW	
7L3IUE	K5YE	W2PTP	
A41ZZ	K7RB	W2XX	
A71EM	K7VL	W4CG	
A71UN/P	K8DTF	W4DFU	
AA7UN	K9EA	W4YR	
AC0DH	KA2F	W5YKU	
AC0WL	KA4H	W6OZI	
AD4J	KB2GCG	W9KM	
AE0SQ	KB5RW	W9ZT	
AE4VJ	KB6IGK	WA2ALY	
AF4OZ	KD1DT	WA2VJL	
AF9W	KD5FVZ	WA3UTC	
AI4EY	KE1IU	WA3YZD	
AK4AO	KF5MDZ	WB0RXQ	
DB6VH	KF5TL	WB2ZEX	
DC1TK	KI0G	WB6RAB	
DK7GH	KI3O	WB6RJH	
DL3ANK	KI4PG	WD1M	
DL5JH	KK6MF	WD4GZW	
DS4GQR	KL2R	WD8CW	
EA5PS	KL7KK	WI0E	