

ARRL DXCC - 30 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 10 Jul 2026, there were 340 current entities on the list. The DXCC Honor Roll includes those who are within 9 entities of that figure for the Mixed, Phone, CW and Digital awards. The following listing of the DXCC membership contains the call signs and exact credited totals by endorsement level. Awards are NOT activated automatically; participants must apply to have a particular award (band, mode etc) activated when the qualifying number of credits is obtained. "Inactive" members (whose most recent DXCC application was before 1994-01-01 and who are not a current ARRL member) are shown in gray.

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

348	G4BWP	342	UA4CC	EU7A
DF3CB	I4EAT*	DL4MCF	UA4HBW	IK5HHA
JA2VPO	JA1UQP	EA6NB	UT7QF	IK5PWQ
JE2URF	JA3FYC	G0JHC	W0DJC	JA5IU
K2TQC	JA5AUC	IK4WMA	W3LPL	JF1WPB
K5UR	N2TK	JA2FBY	WB6RSE	JH2FXK
OH1XX	OH2BU	JA4LKB	YU1FW	JH2UVL
OZ1LO	OZ1BTE	J14POR		JL1UXH
SM3EVR	W1YY	JR2KDN	340	KV7K
SP5EWY		K0IEA	AA7A	N4JJ*
W1NG	344	K8SIX	DF3GY	N5ZM
W9ZR	GM3YTS	N3SL	DJ2YA	OE3GCU
	N4CC	N4KG*	DK5WL	OK3GU
347	PE5T	R7LV	DL7MAE	R4GM
4X4DK	SM3NRY	RZ3AM	EA6SX	SM4EMO
DJ9KG	SM6CVX	SM6CCO	F5NTV	SM6DHU
G3KMA	SP9FKQ*	SP3EPK	F6DAY	SP6CIK
JA1HGY	VA3DX	SP8AJK	G3TXF	UA3AB
JH4IFF	W0BV	W1MK	I4LCK	WK3N
K4CIA	W3UR		IK6DLK	YO5BRZ
K8MFO	W8UVZ	341	JA7KY	
N4WW	W9IXX	AD5A	JA7MSQ	338
SM0AJU		CT1EEB	JE1SYN	AA1V
SP5CJQ	343	F6AOJ	JG3QZN	AG9S
W1JR	DJ2BW*	GM3POI	JH4UYB	EY8MM
W4DR	EA8AK	JA0UUA	JR3GWZ	F6BKI
	IK1GPG	JF3KON	JR3IIR	G3RTE
346	IK1WGX	JQ3DUE	K5NA*	GM3GAV
HA0DU	JA2JPA	JR7VHZ	LZ2DF	HB9BGV
HA5WA	JH1GZE	K1ST	N1DG	HB9BZA
JA2KVD	K0EU	K5RK	N3XX	I4AVG
JA4DND	K3FN	K9QVB*	N8DX	IK4DRY
K4DY	K3UA	N0XA	OE5NNN	IK8HJC
K4MQG	N4CH	N6JV	OK1MP*	JA2JW
K4PI	NN4T	OZ3PZ	PA7MM	JA5EXW
KF2O	PA0WRS	PA3FQA	R3OK	JA8EAT
KJ9I	SP2FAX	PY2XB	SM5CEU	JF7XKY
N6AR	UT5UGR	R5AJ	SM5DJZ*	J18DGO
W3YX	VE3EJ	RA7A	SP7GAQ	K2FF
	VE3XN	RU3FM		K4XP
345		SM5AQD	339	K4ZYU
DJ6RX		SP3E	EA5BM	K9NU

N4JF	SP1S	K7NN	J12KXK	327
N8JV		K8ZTT	JN1BMX	DF2RG
N9IW	335	ON4IQ	JO7WXN	DF2UU
OH1TV	IK4DRR	ON4IZ	JR4OZR	DL6KR
RA3CQ	JA1EOD	OZ4O	K3KO*	E72A
SM6DHF	JA2FJP	RV3LO	K4QL	EA5RM
SP8NR	JH3CUL	RW3RN	K5DU	IK4BHO
UA6A	K4MWB	UR0MC	K9MM	JH1NYM
W2YC	N2LT		NI0G	K0CA*
WD5COV	N4XM	332	OE1WEU	K3RA
337	OE2LCM	HB9HFN	ON4AOI	KX4R
DL1AMQ	R7DX	IK4GME	RU3QR	N4QS
G3XTT	SM4DDE	JA1ADN	SM5CZQ	N5XZ
HB9AMO	UA6MF	JA1ANR	VE3LYC	SM3NXS
HB9BIN	UT9FJ	JA3PIS	W4UM	SP1JRF
JA2VQF	UX1UA	JA8RJE	W8OI	SP6HEQ
JA2XYO	VE2TZT	JJ3PRT	W9OP	SP7VC
JA4FKX	W4DKS	K1AR	W9RPM	UX4UA*
JA9APS	W4PK	N7RT		W1GL
JF1KKV	W5ZN	OH2BLD	329	WA2VYA
JF2UPM	WI8A	PY2SP	EA3GP	WA5VGI
JH1TWT	YO3APJ	SV8CS	G0DQS	
JH8RZJ	334	W3NO	JF2XGF	326
JJ2LPV	CT1APE	YO9HP	JR2UBS	AC4G
K5KC	DJ8NK		K1HTV	AD1C
KD5M	DL5DSM	331	K2UU	DL1DUO
NJ6P	G4CCZ	GM3PPE	K4UTE	EA4KD
NO8D	G4PWA	JE2LUN	K9EU	IZ0AEG
OE6IMD	I2XIP	JH1RFR	K9IR	JA0NPQ
OZ1CTK	I4EWH	JL1RUC	N5AW	JA1JAT
R3VA	IV3JVJ	K1OA	N8RR	JR1BAS
SM5KNV	JA0GJJ	K5EK	NI6T	JR1BLX
SM6CMU	JA5AQC	K7ZA	OH5VT	JS2LHI
SP9DWT	JA6BZI	K9CT	PY2BW	K4CN
WB9Z	JA8BNP	N5UR	SP2BMX	K4HB
	JH4ADV	OE6MDF	SP6M	K4SO
336	K6FG	PY2YP	W1RM	K6AM
EI7BA	K8PT	PY5EG	W2LO	LA5LJA
G4OBK	N0AT	S54E	WA7NB	R8TX
HB9DHK	N3NT	SP3CGK		R9FM
JA0EOK	SL0ZG	UA3DPM	328	SM6BZV
JA1BK	SP5DIR	UT7UJ	AA5AM	UA3AP
JA1XEC	SV1FJA	VE3FF	DJ5AV	VE1YX
JA2DPC	SV1RK	W1TSP	DK5AD	W3LL
JA5MHD	UY5ZZ	W2IRT	DL2OE	W6RLL
JA7JWF	VA5DX	W3GH*	F2JD	W7AO
JF1PUW	WA4FFW	W5OZI	IK2YCW	
J11DHY		YB5QZ	JA1SYY	325
K4XO	333	YO7LCB	JH0INP	AA1QD
LA5HE	AA6YQ	YV1DIG	JJ3HGJ	DJ9HX
LA5IIA	CT1IUA		K5BG	F5CQ
N4MM	DF4PL	330	N4NX	HB9DDO
NR1R	DK2NG	JA2BDR	N9US	JA2ZL
OH1MA	F6EXV	JA3EMU	PY4OY	JA4DLP
ON4CD	JA1SJV	JE7JDL	UT2UB	JA9FAI
SM3VAC	JR3OEH	JG3LGD	UX0FF	JH1IFS
		JH4JNG		JR7WFC

K3WC
KW9A
LA8PT
N2NL
NY0V
OE1ZL
SM5FUG
SP9JZU
UA4LY
US5WE
VE3EXY
W1DIG
YU3AA

324

DK1FW
DM5EE
I3BUI
JA2CXF
JA2EPW
JA2IVK
JA5XAE
JA7LGE
JH1EEB
JM1FHL
K2PLF*
MD0CCE
N4II
N7RO
NK1K
OZ1AXG
RA3QK
RN3QN
SP3IBS
UY5AA
W7DO
W8GC

323

DJ4AX
DL4CF
HL3IUA
I0WDX
JA0CRI
JA2JNA
JA7QVI
JH3VNC
K0KX
K3WA
K4IQJ
K7ZV
K9US
LA5YJ
LA7AFA
LA7HJA
N5OK
PY5HOT

RM0F
SP1MGM
SV1DPI
W0MHK
W3KX
W4FC
W9RN
WX4G

322

AA8CH
EA2IA
G0OIL
I4MKN
IW1ARB
IZ8FWN
JA1GRM
JA1SVP
JF8QNF
K2UO
K5AQ
K8EUR
KC7V
KQ8M
N1NK
N8BM*
NE1B
OE3EVA
R7FK*
SP5IWA
UA3AGW
VE1DX
W7MO

321

AB6QM
EA1N
EA5BY
F6FXU
HK3W
I2EOW
IZ1LBG
JA9TWN
JF2WGN
K0KT
K2RW
KG4W
N4PQX
N5DG
N9AU*
OE5RLM
OH1LEU
PY2XU
SM2OAN
VE7IG*
W5XC

320

AA4V*
AA5AU
DJ5FI
EW2A
FK8CP
HA1RB
HA9PP
JA1FQI
JA3GN
JA4EPE
JA5BEN
JE2EHP
JN1RQV
K4HGX
K5MC
K6XT
K7XB
KC6AWX*
KW4MM
LA7JO
LU3CQ
N8TR
NS6C
R7NW
UR5WA
W1YM
W5BPT
W7CT

319

AJ6T
DL5WW
DL6CNG
G3LZQ
HB9SLO
JA1IZZ
JA2WYN
JA9CWJ
JG8FWH
JR2LJO
K1LD
K2TE
K5XI
K6KLY
K6YUI
KA9CFD
KF0QR
KG7H
KZ4V
LU8EKC
N4DB
PA3EWP
PA5TT
RL3FA
SP7HOV
UN6T

UN7JX
UR5IKN
W8HW
WB4TDH
WB8BPU
WJ4T*
XE2CQ

318

AA4R
AB3CV
DJ4PI
I1EIS
I1FQH
IK8YTA
JA0DET
JA1WSK
JA2NDQ
JA6VQA
JA9NLE
JE8CLT
JG1WSC
JH7RXU
JJ1DWT
K2SHZ
K9YY
N0RR
N7XR
OE3SGU
OE8RT
RX3AGD
SV1CNS
UR5EDX
W5FKX
W5XX
W6VX
W9MU

317

9A2F
HB0CC
JA2ATE
JA2TBS
K3PA
K6ND
K9NW
K9RX
KG8P
NN4R
PY5EW
R6AF
RA0FF
UA6YW
W1ECT
W7OM

316

AA5AT
CT4NH
EA7TV
EC3A
IK2QPR
IZ8FFA
JA0DIN
JA1IOA
JA5WIZ
K0KVR
K2VV
K5WAF
LA9AJA
MM0EAX
N4TL
OE1AZS
PY7DJ
RA1QD
SV1JG
W6RS
W9AJ
WA1JMP

315

9H1SP
AA1ON
G5LP
HL2IFR
JA1XCZ
JA9GLW
JE2LPC
JG3SKK
JH1HHC
JK1EXO
JS3CTQ
K8NVR
K9ZO
N2BJ
N5TY*
N7IR
VK3HJ
W5TCX
W6XA
W8DCH
WP4U
WT8C

314

AA4HP
AB4IQ
DJ6TF
EI9JF
GM3YOR
IU7QBB
JA2VMU
JH3GCN

K8FL
LA3WAA
PY2KP
UA9FAR
W6XK

313

AB9V
AI9L
DL1KUR
E72U
EA8AKN
EI6FR
IK0PEA
IK0XBX
IK4PLW
IZ2AMW
JA4MRL
JA9GPG
JG4AKL
K4JJW
K4UEE*
K8YTO
RK4FD
SV1GYG
W2LK
WB5JID
WN6W
ZL2IFB
ZS6EZ

312

DK9KX
DL4SZB
EA1YO
IK5CBE
IZ5EKV
JA0GCI
JA3AZD
JA4ITW
JE2DZC
JR8AMF
K6TA*
K8GI
LA2QM
R0FA
S55DX

311

DJ9ZB
E73Y
G0BLB
JA1KQX
JA7BWT
JE1DXC
JG3FEA
JH4ALY

JH4HMG
JR1DUP
K0JUH
K8VFF
K9MK
N4JQQ
R9SA
RN3OG
S57AT
W2QO
W5AJ
W6SZN

310

DL2CHN
DL7BA
DL9TJ
HB9RG
JA2AH
K5ZK
K8GG
KB0EO
LB8DC
N8PW
SM6CUK
UA3TT
W8AV
ZS1LS

309

7K1PTT
DL5EBE
G4XRV
IK5MDF
JH1BNC
JH3FUK
JK1BSM
JR7FRW
K2PK
LB2TB
N4RWG
R9TO
RA9CMO
RU3DX
UN7TW
VU2NKS
W2GG
W4QN
W6SR
W8HC
WE7K
WE9R

308

CT1FMX
JA1LSP
JA2XCR

JA6WJL
JA9FPI
JE6TSP
K1USA
K3WW
K6SIK
LA9VFA
N5GH
N5ZC
N7US
SM4AZQ
SP7ITB
W5ADD
W7BEM
W9ILY

307

5B4MF
DJ4XA
F5LVL
IV3YYK
JA9NFO
JE1LFX
JG0CQK
KB1JZU
PA7RA
PY2NQ
RW4NN
RX4HZ
SM0CCM
W5ODD
W5VY
W7AL
WB0TEV
WB9EEE

306

A45XR
A65BR
DL6JZ
EA6VQ
EV1R
F5PAC
G4GIR
JH8GEU
K1GG
KF7PG
KI4DLS
KN5O
N4AH
ON6AA
UW2ZM
W1SKU
W2JU
W6ENZ
W6YI
YO2RR

305

CT1GFK
DL5CW
F3SG
F4BKV
HA7TM
I4KDJ
IZ0RVI
IZ3ENH
IZ5JMZ
JA2XW
K4SE
K6FW
KP2A
N2TN
N4DW
N7TY
N8DJX
W4GF
XE1KK
ZS2DL

304

9A4T
DK3WW
DL1HRN
HB9CEX
HL2WA
IT9DAA
JA3ENN
JH0BQX
K5PS
K8AC
K9FN
N6RV
NA5C
NU8Z
SP8HKT
W5LT

303

DK8MCT
DM2DXA
EI2GLB
JA2VHO
JA7IC
JA8EJO
JA8ZO
JJ1SKG
K5WK
LA3MHA
LZ2JE
ND0N
PE1L
W7Yaq
WA1S

302

AD6W
DF2GH
JA1DDZ
JA1FGB
JA2FGL
JA5BGA
JE3ENP
JK1GOK
JL1OEC
JR6FC
K4EM
OH8LXT
WO7R

301

EA3WD
EU1KY
IZ8VYU
JK1UNZ
JR6LLN
K1DT
KD0PO
KM4H
N9FN
SV2AEL
SV3DCX
W6NWS
W6TC
ZL3JT

300

AD5Q
G0EHO
JA1NWD
JA8BAR
K6RO
K8RRT
KU0A
N4QQ
N8OC
ON5UE
SM6CTQ
UN7LZ
VE3BW
W8TN
WB9CIF
ZS4TX

299

CT1FCX
CU2DX
IW0HQE
IZ8XQC
JA1BPA
JF1LZQ
JK1TCV

K7EG	295	HP2AT	LB5WB	K4MS
N1IBM	CU2AP	JA3BXF	ON4CAS	K8DV
NV9L	DL9FCY	JN3SAC	OZ1LCG	KD0Q
UA3ECJ	DS1JFY	KA7T	VE3EK	NF1G
UT7UV	G3VPW	KI0KB	287	NN4SS
W7ZJ	JA2QXP	W3RJW	AA6AA	VE3VHB
ZL1BYZ	JE1BMJ	WS9V	EA6ET	W5CIA
298	JH1OBS	XE2X	G3KWK	284
AA8OY	K3FRK	291	HL3AMO	IZ8FDH
G3VKW	N5ORT	9K2OD	HS1NGR	JA2FBC
HA5VZ	SM7CQY	HB9RYZ	IZ3ETU	JA2FCZ
HB9TKS	WA3C	JA0DWY	JA7QFU	JA9AGN
IK0HFO	WA9PIE	JA1RTX	JA7ZP	JH7BKN
JA0LFV	WO2T	JA4VLK	JH1QAX	K3UL
JL2PQV	294	JA5SUD	K2AZ	K6PJ
JN7DOS	EA5KA	JP1IOF	K8WK	N0RB
KB8VAO	HB9DDZ	K6EME	RQ3A	N2LM
N5LZ	HB9LCW	K7UA	SP6EIY	N4LR
UA0BA	HL4CJG	K7ZD	SV1IW	NT0V*
YO2CMI	IK2DJV	LA0FA	286	SM4BZH
297	IK2OVC	SM5JE*	CT1FPQ	SV2DGH
HB9IQB	JE2OVG	W4FQT	EW1KP	W1LW
IZ8DFO	K1ESE	W4HG	G3WPH	W8LGJ
JA6TMU	K2LS	W6RW	HA7UW	WD4LBR
JA8DNV	K3NK	290	IK4AUY	283
JA9IFF	K4XD	CT3MD	JA0AOO	AF9H
K0BBC	K5RT	DF2IS	JA1VLK	G3SVD
K5UO	KI5BLU	IV3KFB	JA5FDJ	HB9BUN
K5VIP	KS1J	JA3XNH	JE2UFF	IK4ADE
LA2PA	RN9N	JF1NZW	JF6XQJ	IK8EPC
LB6KC	W1YW	JH4GJR	JH0OXS	IZ4MJP
N3RC	W4WM	KA8ZPE	JH1RGG	JA1SKE
NA5DX	W7CA	OE2BZL	JJ1QUV	JA7LMZ
NQ1K	YS1RR	PY2VA	JM1SZY	JA8EOT
SK3PY	293	VK3BDX	K8QM	JA8UIV
VE6LB	DS5TOS	VU2PTT	KM1D	JH2PWY
W0EWM*	HK1MW	W6PJ	KR0P	JH4ADK
WA6F	HL3GOB	289	N3VA	JK1OPL
296	IK0LNN	5B4AHJ	N9ISN	JR4LNG
4Z4DX	IZ5RVG	DJ5JH	SM0NJO	JR7GBL
I6FLD	JH1BAM	DK2JX	W8JRK	K1BD
JE1PNX	JH9AUB	DL1TRK	W8MET	K4ZO
JG1OGM	K2KA	HB9CQK	WO2N	K5VWW
JR1WCT	K8ROX	IZ5BAM	ZL4TT	N5UL
JR9LKE	NW7E	KA8SYV	285	N6PSE
K4CMS	OE8SPW	N7BT	9A1AD	PC3T
N1EN	OH1ZK	OE1WHC	DL4CW	SM4CTI
OE5FIN	OH2IS	SM7IUN	I5CRL	SM6BGG
W2AY	PY2IQ	W1OPD	IK0AGU	W3OA
W4VIC	RA5BM	288	JA8FFM	WF2S
W5ZG	SK7AX	HB9DHG	JF1IRW	282
YB1UUN	W3JX	K7WP	JH1DGQ	7M4AOE
ZS6WB*	292	LA9FFA	JR3UIC	AA7G
	CT1DKS		K0TT	IK0HBN

IK5RUN	JH1AGU	W8MHW	K9SM	VE6AX
JA1MZL	JH8NBJ	WA4LOX	LU6ETB	W3BW
JF1RYU	JP1NWZ	WA5LFD	N6HY	W4LSC*
JH1AJT*	K0VSH		N8KOL	W5PF
K0GY	K4VIG	275	NA9RB	WL7E
K1LPS	N6IE	9A4W	SM7NDX	WW3S
K9OR	PY2DS	EA1AF	SV9AHZ	
KZ5DX	SM3LGO	HL3DE	UA0FO	268
N2JJ	US0YA	I2VGW	W4GE	DS5DNO
N6MZ	W0TT	JA3EOP	W4MAY	F5UJK
W1ZT	W5SL	JA7HRM		FG5FR
W8KEN		JE2VLG	271	HB9JOE
W9PZT	278	JH1APK	BH4QYX	IZ8IEV
	AA4SC	J11NJC	DJ9ON	JA7GYP
281	AB5A	JK7LXU	G3NDC	K8BL
CT1BWU	EW1BA	K0JY	HB9BYQ	K9ZM
IW0SAF	JE8TGI	N1SV	IW0HOU	N0ABA
JA5NPV	JJ1TKN	N6HC	JA0LXP	UA3O
JE2EBT	K2UR	N7QT	JA1DM*	W0JM
JF3LOP	K8TL	PY2MC	JA6QHQ	W3AP
JF3PNQ	KL0S		JM2RUV	W5DAW
JH1ACA	NX0I	274	K9JF	W8OP
JL1XMN	SM5CBM	DK2GZ	PA3CSR	WA0MHJ
K0BJ	W0LS	JA0KJE	SM5CLE	WA3AFS
KG6I	W0VX	JA1CZI	W7QDM	WA4JQS
OH1JP	W1VT	JH1IED	W9OO	
RW7M	W4WT	K1UU	ZL4AS	267
SM5AOG	W9FI	K8FH		EA3GHZ
SP6JIU	WA0I	KD2T	270	HL2KV
W1YIF		KF2DT	I0JBL	JH1DGJ
W6DR	277	KS4S	JA2IYJ	K4RG
	4Z5LX	N8SNM	JA3KNN	KJ6P
280	F3AT	WB2GAI	JE2RDO	LA8HGA
CT1EAV	F5PBM		JH6DUL	N4UOZ
EA3CJ	HB9BAT	273	K0TPP	N6UK
I5HOR	KQ4AV	DM1TT	K4FJ	NT5V
IV3GOW	KU4XO	JA3FHL	K8CW	OM4EX
JJ2KDZ	N7KA	JF2VAX	KA1ERL	VK5GR
JN1NBU	OH4UI	K4JAF	N9RD	W2XI
K1CA	SV1FJP	K5FZ	W2GW	XE1MEX
K8OM	VA7ZT	KB1EFS	W3GQ	
N9RS	W2NO	N6PM	W4BP	266
NN4X	W8RLS	OZ7FOC		DM2RM
W1BR	YL2KF	W3ABT	269	HB9DVZ
W2OO		WA0RVK	AA9A	JA1FJJ
W4OX	276		CT3KN	JE1PHH
W9JJB	GM0AXY	272	DJ9RR	JH0RVY
	JM1GHT	DL7UPN	F6ECI	JH8KFE
279	K1RO	G8DX	IV3TMM	JJ1BMB
DS5ACV	K9OW	HB9DOT	JA8XQI	JK1VXE
EA7SG	KD3CQ	IK2RPE	JH1VUO	JL2JVX
I0OSI	LA9GX	JA6GIJ	JQ1YIW	KB6CIO
IT9CVO	LY1G	J11CQA	K4JC	N2WB
JA2JRG	N5KM	JJ2WOC	KJ7TEA	W2OIB
JA3RQ	SA0AQT	JM1VRW	N3QE	W8FIB
JF0JYR	SV1VS	K0KG	N9DED	WA4CEM
JF1LMB	W2TB	K3EA	NA5Q	

265
AA8R
DL1SMA
F6DBX
G8AJM
JA2FSM
JA3QOS
K2UFM
K5CD
N2NS
N4HB
N5MOA
N9BX
N9JV
N9UA
OH7TV
W1KSZ
W5JAY
W7MEM

264
AA8LL
AB5C
I5OYY
IK2PZC
IK8GJR
IV3VBM
JA3WLN
JH1SJM
K3VAT
KH6M
RM3DA
W1SSN
W4LEW
W5VQ
W9YE
WB8K

263
F9XL
HB9CXZ
HL2EIZ
JA9AA
JO4CFV
K1KA
K2XF
K3SEW
KG9Z
LA6UL
N0RN
NZ3O
UN3GX
UN9L
W8WEJ
ZS2EZ

262
4X6ZK
DK1WB
DL6XK
JA1OVF
JA3NHL
JA8CJY
K3XA
PY2WC
SP6A
SV8CKM
SV9COL
UN3G
W5ZPA
WB8ZRL

261
AC9EM
DF7EE
EA5CRC
GU0SUP
HL2CFY
JA1XPQ
K4KGG
K8UT
K9GWH
KI4GE
N7ELL
N8LJ
S55ZZ
SM5FQQ
VK3NX
VK3TC
W4UCK
W6BJH
WD0DAN

260
DS4AOW
EU1U
G4IUF
JA0KJD
JA4HAW
JA4ZA
JE3EDJ
JG3RWX
JP7FSO
K5IB
N4XP
N15F
NK0S
W5GAI
W6TMD
W9BEA

259
AG1A

JH1ERJ
JH1NYN
JH5HDA
K0GD
K1NTR
K5FNQ
K9MBQ
KB2FCV
LA5SJA
LU4FPZ
N4ENE
N5JB
N8HRZ
NJ3K
NK4L
PA0JSE
RA4P
TZ4AM
UT7KF
W0IZ
W2WG

258
AI6Z
EA5RD
EI9FBB
HL4GAV
IK3SWB
JA1KPH
JH1SOD
JH1WJR
JH3SIF
KE1F
KH2L
KK2M
KR4F
N1RR
PY2FN
W7HR
W8IQ
WS5W

257
CT1FUH
EA8AXT
HB9MFM
JA1EMQ
JA6BEE
KY6R
N4GN
W0RX
W2OR
WA2NPD
YB2TX
YL2TW

256
DJ7ZG
HK4SAN
JA6GPR
JH8MZF
K2NV
K4OY
K6BV
K7KB
K9TF
N2ZA
N4TJ
N4TOL
N4TV
NE6I
SV1ACK
UR3EO
W0HBH
W5DM
W5GZ
W5ZO

255
DJ4GJ
DS3HWS
HB9EFK
IK1IYU
K2SN
OM8FR
SV1FKZ
W0SZ
W8LMG
W9JA
YB0COU

254
CT1BH
EA2AFV
F4GVO
HI8R
IK5BOH/2
IK8VRH
JE0ART
JH0AWC
JH3FHQ
JH6PFY
K7LJ
KJ6NZ
LU5FF
SV1HEP
VK4CAG
W5QM
W9DX

253
4F2KWT
AA3LX

DL9GTB
F5JSD
FG4NO
HI3T
IZ2EWR
JA1HOM
JA1OVD
JH0NOS
K1KO
K4WM
K9YC
N4PJ
ND4X
SM7BHH
VE3CRG
W0FLS
W4IS
W7IB
W8BBQ
W8GNM
WV9L

252
AB4UF
G3UAS
JR1MLU
KD6UO
KF9UG
N8NN
VE3CFK
WA6JA
YB0DJ

251
4Z1UF
AE5E
CT3HF
DH0GSU
E21EIC
IW3GJF
IZ8GGF
JA1IAZ
JH7WQX
JR7MAZ
K0DD
KT2C
LA6OP
ON6KE
RA3QUA
RN3CT
SM7GIB
W2/CT1GIF
W9MO
WQ5R

250
AA4U

JH1IAQ
JR1IZM
K4WNW
N4JT
N9JR
NA9Q
NJ7G
PA7TWO
RU0SN
W2JLK
W4AG
W6JZ
WA3F

249

9M6YBG
DK3UA
JE1VTZ
K2HAT
K4ST
K5DHY
K9NR
KA1J
KJ7M
KK0M
KN4PPD
OE2GEN
ON6YH
PY2GG
W3ICM
W7AH
W7CD
W8UN
W9CSX
W9HBH

248

G4XEE
JH1SBE
JP1LRT
JR1VAY
JR7XOD
K4PB
K8EAB
N2DPF
N4PYI
OH3OJ
SP1DSZ
VE1JBC
W2KA
W6HDG
W8CZN
WB8ART
WC3W

247

IK6OIN

IS0AFM
JJ6DGP
JS6TWW
K9OT
KK1W
LB7ZG
N5QS
NG7M
SP5ES
W8IW
W9EWZ
WA8VW
WB8CQV
XE2D

246

JE1HRC
K1SM
M0CSD
NH6T/W4
VE6TL
W9LN

245

AA4A
BA7IO
BH4IGO
EA3EQT
EI2CN
F5NBX
K3VAR
KV4T
NY2NY
UA9FFV
W2FV
W5RF
W6AER

244

DJ3XG
IK2RZP
JA4SSM
JF2OZH
K1DJ
K2RU
K6ZZ
K8ME
LA7QI
RT5A
W7HPW
W7IU
W8MJ
WA3I
YB1RUS

243

GW4BKG

HA5PT
JR0QFA
K6ZP
KS4YT
N4HID
N4OA
PZ5RA
SM2GCQ
VE7BV
W7LGG
W8UV
WD9DZV
ZS1A

242

AA0MZ
BA4MY
DK3PZ
HB9DQV
JA3MHA
JG1SWM
K6MKF
K8AJS
KL7TC
N1CGP
N6PEQ
WA9GON
WQ6Q
XE1H

241

9A5F
EA5GPQ
HL5BMX
IK7FPV
JA0MRW
JA8WGX
JR7ILA
N9XX
WP4EJH
XE1RBV

240

AB0CT
AC4VM
AF5CC
AJ8B
CU3EQ
DL2RTL
JH2VVH
K3NQ
K4YJ
K4YYL
K8NK
K9JU
KS3F
LA2GH

N4IQ
NA2M*
OZ5HP
WI8R

239

AF4HX
DL2RUM
IZ0BVU
JA1QXC
KC6X
KW4V
N5BO
NA4EA
NU4I
VU2CPL
W4GIW
WB0O

238

6K5YIA
DH2PC
K1BZ
K1NJ
KQ3F
N7WO
SV8DOU
W2LE
W3BNN
W5DNT
W6DE
W6YOO
WA6G

237

DL2AYK
FG8OJ
G4PUQ
IK2DZN
JH1FVE
K1RV
K4KAY
OZ1IKY
W1EQ
WB3JFS
WV6E

236

AB1J
AB4SF
IZ0NRG
JA0PE
JA6CBG
K1FEV
KE1VT
KE4UW
KO8SCA

KT1J
KX4TT
N4AL
N6KZ
NA2AA
NO0B
RC2A
S51NM
SM5ARL
SM5FWW
WA2USA
WB2BIN

235

CT1DOF
DK2CC
EC1A
IZ5MOQ
JA4DHN
JH1UBK
K0MN*
K2TER
LA2XPA
N1BZ
OZ0J
S54A
W6AEA
WA3WZR

234

I2MQP*
I8MTQ
IK1UGX
JH1OGT
JI1WLL
JJ1KZZ
JK1AJX
K2FW
KC6JAM
KM4HQE
KR6C
N7WS
NE3F
SP7ICE
VK6OZ
VU24DX
W1WC
W5PJR
WT4Q
WV4TN*

233

AE0P
AL7TC
EI6IZ
EW1P
HB9IIO

J16IHG	TA1CM	UR5FEO	N3KV	YO2DFA
K0CS	VE3SKX	W4ABW	SM0MPV	220
K1MAA*	WA4DOU	W4RDX	W2DXE	7K1CPT
K11U	WA8MCD	W7SX	W2NRA	7L2QAD
NF4A	WE1P	WB7B	W6SFK	AA4UC
ON4ATW	ZS6NJ	WE4S	W8BLA	AA8SW
W0GG	229	226	WA3FRP	F6HLC
WA9BZW	AA9GR	9K2GS	WA3GNW	HB9HVG
232	DK8IZ	DL4NBE	YB1AR	JA4FM
7K3QPL	HB9KNY	DL5XL	YO9FNP	K0NV
AA9RR	I0MWI	EI2HY	223	K3PU
I8LWL	IK0CHU	G3WW	AG7N	K4JUZ
IT9AAI	JA3UNA	HC1BI	HA5BSW	KF7F
JA7KE	JA4MMO	IK4MSV	IK8UHA	N3KN
JA8LRG	JA7MNF	IT9ODQ	JR3ADB	N4AOE
JH1FNU	JP1GUW	JA6OXT	K4ZRJ	VU2LBW
JH3GFA	K7LV	K0GW	K6TAR	W5LO
J13CJP	LB2HG	KA9UVY	N0STL	W5RYA
JO4JDU	N6PAT	LZ2XF	N4XYZ	WB2KSK
K4HQK	OH8NW	N4SC	SP5MXZ	WB7BBQ
N2SQW	RD3BD	ND3L	SV1CQN	219
SP6AXW	W1OP	SM5CZK	VU2MSA	CT1BWW
VE3YF	WI7P	UA0FDX	W4SK	G0VXE
W6RKC	228	W3SB	WO5I	K4VNY
231	EA1RT	W7JY*	WV2I	K5JZ
DF2UA	HL5OC	WV8DX	222	K6UNE
E70T	JA0CIU	225	EA2AGV	K9UWY
EI3IO	JG1DUZ	4X4MF	I8YAV	KF6HI
JA9RT	JH1RVQ	G3SBP	K5VR	KI4WCQ
JF1WLK	JR3VMJ	HB9HIT	K9GA	MU0FAL
JH4CBM	K1RH	IZ0GYP	KG4CUY	N4PL
K1ZJA	NU1O	IZ2FOS	KJ4R	N5ET
K2CBI	NV4B	JA1QIW	KK4OW	218
K3OX	PY5CC	JH8UQJ	N6WT	EA1JO
K4MF	UX5UO	JK1JAS	NY6C	IK3DVY
KK9H	W1TO	K0THN	OH2LHE	K1JIU
N4HN	W5GA	N0KV	W3MR	K2BA
OH1TSM	WB0N	N9PGG	W8CD	K3SX
W2PP	YB1TQL	SV3AQR	WW8RT	K7UT
W3FOX	227	W0QQ	221	K8CQ*
WD8PKF	AD8P*	W9YSX	AA4FL	KC2SST
WK8A	EI8IU	WN6K	DK7YY	W5JMW
230	IZ7AUH	ZS6UT	JK1DDG	WA5NFC
EA5BRE	IZ8MBW	224	JM1ESG	ZL3PAH
IK2ANI	JA1JYE	IK2GAJ	K0AZ	217
JA2NNF	JO1LVZ	IK2UWA	K5UZ	AA4AK
JR5JAQ	JR1EFG	JA1NLX	KA4RRU	DH3KM
K1LT	K3WWT	JA2MNB	N7NG	DL2NOM
K4WFM	K9SG	JF1KML	PA0ZH	EW4C
K9ALP	KK4OK	JJ1JMZ	SM3PHM	G4FKA
KB9DAK	KM6HB	K8QKY	SM5BMB	I1YDT
KK0DX	N1JP	KR2Q	VR2CH	JA7FAS
KV4AA	PP1CZ	KV1E	W6KK	JE1GWO
N9KW	PP7LL	N2NW	WF8R	

N1MD	K5CWR	VK3FM	K6QU	202
N6QI	K6IPV	W2CG	W0OGH	CT3DL
NA5Z	K9RT		WA6TLA	DJ8NT
SP5ELW	N5WA	209		EU1M
VE1DUN	N9SF	BV1EK	205	HB9CRV
W0AIH*	RA0BA	DL6UNF	AD3C	IK0UTM
WA7BNG	RT0F	DL7JRD	AE5FM	IZ4DIW
	W2RIJ	G3XLF	G4NBS	JE4FNC
216	W3WH	IW8CGX	JA4GXS	K1ACL
7M4CLF	WP4CQ	K4GK	JA5AFW	K3XO
AH0U	XE1J*	RA3BL	JA7DPC	K4GO
JE2KSM		UR9IDX	JF2TJJ	K6SRZ
K4JKB	212	W1DYJ	JH3FCF	NK7Z
K6EID	HB9AWS	WB5STU	JR0AMD	NW7US
KX2A	JH7IQQ	YB2DX	NW7M	RX3BP
N3OC	K0KP		W0RSP	VU2IBI
W8HMK	K1JD	208	W4UEF	WA6URY
WB2FUV	K3JM	AE4M	WC2K	
	KU8X	DL1DWT		201
215	KZ1W	K8ZM	204	AC6BW
E74K	N6NU	M0HIH	9K2BM	AJ8MH
HA5CW	N8NA	N2KI	DK5HZ	IW0BYL
HB9DVO	NN2D	N2RJ	DL5KUA	JA3LDH
HB9HBZ	W5THT	N3XM	HB0WR	JS6QOM
JR1CAD	WA1PMA	N8VV	JL3DGI	K0ABC
K0HD	YV5LI	RD9M	K6NR	K1PL
K6UM	ZS2Y	SM6CLU	K9AQ	K3SUI
K7LAZ		VE3YXO	KC2STA	K5FXB
LZ2ZG	211	W0MS	KC9K	KD5R
UT6UA	AA4LR	W3ACO	KD3HN	N3PS
W1XV	AK5Q	W6FL	KD4SN	N4KM
W3BJ	DL5MHQ	YO4AUL	KI4R	N4MI
W7IV	F1ICS	ZL3RJ	KZ9DX	N7NF
W8QZA/QRP	JA3AVO		N9LJX	N8BJQ
WW8W	JR4LZX	207	RK2M	NE8P
	K2EK	AA4DD	SP7CVW	OZ5NJ
214	K3NF	AA6RR	VK2CA	VE1VOX
DK5RL	KE6FV	F4WDL	WU4B	YE4FNN
IK0WRB	KQ4EE	HL4CCM	ZS1DX	
JA2ITK	KW9U	IV3KCB		200
JA7JPZ	N6OJ	JA4HXF	203	DJ7JC
JL1GYZ	TF3DC	JH1IZR	AA4FU	IV3TDM
JM1HJG	VK2AAH	JI8PDC	AC9O	JA1VRU
LA7EIA	W0UC	K1ZE	CX2CC	JG3KLF
N6DX	W3FI	K3FM	EA5AT	JT1BV
W5UQ	W4WN	K5DCW	F2NH	K0PX
W6SL	WB8B	K8AV	JA1PVX	K1XE
WY6N	WC4X	NY1V	JP1EWY	KF2OG
		PY2RO	KF0LA	KM1C
213	210	WS1L	NA2P	N6MXU
AJ4A	AD7L		NU1B	NN9X
HB9FBG	EC1AIJ	206	R3IS	OE1ALW
JA0EVI	HB9CQL	DL2RD	R9JX	SM5ACQ
JJ1KXB	JA6ENL	EA8MT	SP3EPG	W8JA
K1RI*	JK1EBA	G3KMQ	W1OK	WA5IPS
K3DFL	K0LB	HB9BOI	WF4U	YB1TJ
K4WES	KK8MM	K5QX		

199 IZ0FYW KB4MRX N8BK SM0DSF VA7DX W2YR WB5NHL	N7NW NU1T S50B SM5ENX TF3JB VE7TK VK3KE W9OSI	WA9MAG WB3LHD WC4H	189 CU3AN JA6JYM K4WJ K5TA K9FZ* KA6BIM N5FEE OZ1HPS W1ITU W1NA W5VU WA0SXV WW0E	KE8G KW1DX N1ZZ ND4V PA3BWD W0JMP W2FDM W4DAO
198 AB2E EA1KP EI3CTB HB9BOU HL2ZN K0OK K2PF* K4WY K7LFY N2RR N3ND W0PE W3HKK WA6HBR	195 AA3TH DL4FAP IK4TVP IZ0BTV JM1JZN JR2PZX K4AR K4GHS KR0O NA6MG NA9A VU2DCC W4PNY W5QP* W6BK WX2U	192 AA4NC EW4DX HK3PJ I0LYO JF7NNI JI1MNT JJ2VLY K1VI K2RET K6JJ KK5OQ N4SV OE3KLU OH3FVP W0TM ZL3TE	188 DL5EBS HB9GWJ IZ1JMN JA7XBG JE7BUH JK3GWT K5HK N0ODK N2ZZ R7CD VK2GR W2PD WB9W	185 AD7Z DL2SWN DS4NPL JA3UOQ JH8FIH K0IL K3GT LA8WG N4BAF SM0BYD SV2BXA VK2HV W0QC W7QHE WA4NUF
197 AL7R HP3TA JA1BNW JA1KXT JA7JM JH0AKV JR4CZM K4KEW K7CTV K7GA N5TU N7JB TF4M W1FA W1YRC W7WZ WB8BZK	194 JA0AXV JA3WMS JA4CZM JL3OUW K1GE K2ZD K4WZ K6MM KE5BR KM4NS NA7RH OH3PYY OH6NIO UA9MC VA2IG	191 AA8KY DL2JIM GM3WIL IK2WPO JA2ODB JG1LRE K5TN KE3D KE8UM NG9J NZ5O SM4OLL W3DQS W5CCP W7JET W8TM WA9JWL	187 AC5AA JA0AVS JA1GVT JA3BKP JK1SQI K4JWA KL7TS N1NU N4ZY* N7GCO N8TFD SP5LKJ UR4IOR W6DX W8NN YO3DDZ	184 HB9VAB I7PXV JA1SGU JH1AWJ JK1NPH K2TV K3GGN K3PP K5GH K6IPM K8KI LA2IR N3OUC N7RD NC7B NW6S SV8RX VK6LC W0FG W3ML W6WA W7CB
196 AC8L AC9S JA6IVR JE1IBI JF1MTV K1EFI K2AJY KB1HY KW4CQ LA5LT N1GC N2AJ	193 JA9IWR K4JLD K6XN KD8RQE KW4J N6BM N9AOL VE1OP W4AFB W4NBS W4NE W9BS	190 AB9M EA5HM EA7QW JH2AJY JO3WHB K2SY KG8CW KM4VI N3RW VE3YV W1EBM W2WC WB6CJT YB4CHP	186 9M8DEN F4FLF JA1UOA JT1CO K0VM K8SIA K8WVA K8YE	183 AD5WB IV3AVQ IZ4DPV JA0BES JA1ITJ K7YMG

K8YYY	JE3FOR	176	KI2D	JH1RFM
KB7AK	JR4VEV	AA9D	N1KC	JQ1PCX
KD7H	K5RJ	EI4BZ	N6FS	K8JE
KM8AM	K8WHA	G8BCG	NU4B	KC5LK
KM9E	KO4PRE	JA1UBZ	RA9SC	KS4XQ
NC1M	N0LD	JK1BIB	VE7SZ	N1HO
PY5IP	N1IA	JN4FNZ	VU2CDP	N4MEC
W2ZI	N7KDT	K0HB	WB4KTF	N5JEY
W8FN	NI3P	K4MV	WB8EKG	N8AYY
182	SM0NUE	KE4BKL	WN7J	NC6RJ
AA4EA	SM1NJC	KS0M	WY9V	NZ3M
AF2C	SM7WVZ	N4NW	XE1GLL	SV2JU
DJ3AS	SP9IZV	OZ3SM	ZS1J	TF3Y
JR0RBY	W4AO	VR2XMT	172	UA0SC
K7LAY	WB2WPM	W1MR	K7FEL	UA1OM
KC1ERO	178	W4KA	KC9WPS	W4DN
KE9U	HB9BMY	W9ROG	KQ5S	W4HZ
M0IKW	IV3FFI	WA5POK	N6ZN	W6PG
N1QY	JJ1BDX	WA8RCK	NK7C	WA2VQV
NC2Y	K5CR	WC2L	PT7ZT	WB4GLI
SV8LMQ	K7STO	YB2TS	UY2UZ	XE1FAS
W7IUO	KC4HN	175	W9MAK	169
WT2P	KF4VTT	5T5PA	WK9U	AK1P
181	LU4FW	JA3VPA	WW2DX	DL6NW
JG1JPE	NT9F	JE2SOY	171	IK0WMJ
K8BN	V51YJ	K2RNY	AC0W	K2TK
KD4POJ	W3KN	K8EB	AD6ZJ	KT8D
KR4U	W4AEJ	SP5IXS	AK7O	N4AA*
N0TR	WB4SON	VE4EAR	DK4TP	N6EM
N3AIU	XE2YWH	WC2C	IT9IPQ	N6RK
N7TM	177	174	JA4FKO	TF5B
N9IO	7J1ADJ	BG8PA	JJ3BFC	W6WF
PT7DX	AE4CW	IK0XIH	JR1LZK	W9GXR
W4MA	DF8FT	JA0JPD	K0SRL	168
W5WP	IU0ICA	JA3EY	K4AU	3A2MW
WA8LRW	IU8IYE	JE1COB	K6EGF	CT3CD
180	JA1VRY	KA9OKH	KD4W	DK3QM
GM4KHE	JA8NFV	LB8OH	KE2M	HL4XM
JR6GV	JM3GXU	N4LKB	NI7F	JA2LHG
K8YSE	K1EDG	N7WI	OZ4VW	N2YF
K9QJ	K4NTO	UA4PK	OZ9XU	N7MQ
TF3VS	K4SAF	V51B	TA1L	N8NB
W0MU	KN4JX	VR2XYL	VE3NJC	N9DR
WP3R	KX7L	W0IKD	W1AW	OE6BME
YB1RKT	LB5GI	W9KVR	W3ATV	PJ4/NA2AA
179	LX1CW	YB4IR	W3KHK	R9MJ
AC4TO	N3KS	YU1JF	W5AP	VR2MY
AG4Q	NA6O	173	WB6BFG	W4OWY
DF3EC	W1DAR	EA1DLU	WF1H	W5WI
EA4UV	W4REX	IK5QPS	170	W6SIY
EA5AR	W5BK	J11DMH	EA4DEI	W9NIO*
EI5GSB	W5SUM	JK1MZT	I5FLN	167
G7IRN	W5UHQ	K9UQN	IK2WSO	JA0NZR
	W7VS	KA1DJ	IW5EIJ	K0EOO

K0RAR	PY2ADR	JA6AVT	158	GM0VRP
K6LPO	R2ARR	K7UW	AB4GE	JA2CKK
N4IG	W7YW	N2MFT	BA4TB	JA8RRF
N7VPN	W9IL	N9LEO	DL7BO	JG1XBM
ND7K	WA7HR	W1HEO	EA1P	JM1JIV
NS3L	163	WA0WWW	EA5RU	JM1LPN
R3BB	AC7ZG	WD5BJT	GW4TSG	K8ROK
W7FI	DS3EXT	WD8KND	IZ2CSX	KN6VTC
166	E73D	WR7Q	JA0ADY	N1SZ
4X6UU	EZ0CKJ	ZS1C	JH0LME	N2YU
DL8DWL	JA0ED	ZS1EL	JR3TOE	N8SHZ
EI7GY	JE6PJP	160	K1LI	N9AZZ
IW1QN	K0BRO	DL3ANK	K7BWC	SM5ELV
JS1MRA	K0QQ	F5AQB	K8BB	SO5AS
K4SX	K0SD	HL1MKT	KR4BD	W5EW
KL7NW	K4TG	IZ0FUW	KS0JD	WA5KBH
KM7R	K9IA	JA1BON	KU2A	XE1YD
LA9KY	K9MMS	JE3PCP	N4QM	YO3AIS
N0AH	KB2S	K2OP	N6BDX	155
PA0TCA	KD4EE	K3SF	NA5S	F5NNN
PY2RN	KE3X	K3WGR	NN5E	K8SL
W5FPT	KP4N	KH6P	NV4A	KA1API
W7VY	LZ1XL	KJ4YLO	SV3KH	LU2DSL
W8SAX	N2CG	KK4CB	VA3AYA	N0SL
W9ZCL	N4GBK	KN7Y	WA0ROI	NA1DX
165	NX8Y	N1RK	WA6EZV	PA5X
7L4VYK	VU3CAU	OE3JAG	WQ1H	UA6XT
DF1ZN	W1FC	S53MJ	WY1G	VA3NXM
DL6DCD	W1MRH	W1AO	WY7FD	VA6SZ
JA2OLJ	W8VI	W1ZS	XE1R	VK1AX
JA3EEM	WA5NOM	W2CQ	YO6HOY	W0KCJ
JH1GNU	WB2NPY	WB8RFB	157	W8VK
K0KV	YB1BML	WQ5T	9H1AE	WF5I
K1EO	162	159	AC4BT	WX0Z
K5LY	F1OBJ	4O3A	EI1DG	154
K6ME	F6KOP	CT7ANG	JR1HYA	DF2WF
KK4XL	HB9TJG	DL2AMD	K2CYS	EA5B
NJ1H	IZ6ERS	EA1BLA	K4RDU	G0THF
OV5O	JA4RED	JA1DCK	N2GZ	G6MXL
W2KNG	JA7FVA	JA8EIA	N5TF	IZ4IRO
W7JW	K1LTJ	JH1XFR	N8IK	JA9KRO
WB4YDL	K2HT	K7CU	NA4MM	JE4RAL
164	K3VPZ	KA3GWD	SV4FFL	JL1EGW
AA3AZ	K5ZQ	KC2NJ	W4CC	K7ORK
AK4AO	K7PT	N2FF	W4DEE	KQ5M
DK6OR	OZ9U	N4ST	W4PGM	N4TD
G4FTC	W4ARK	NR0Q	W4YCH	NS4X
JA2BUR	WB2HJV	SV1XV	W5TUF	NY4G
JA4DLF	WQ8T	W3KB	W6RFF	ON5EQ
KI6MQX	XE1L	W3WST	W8WM	PY2SEX
KK4CLY	161	W4CCS	WF4G	VU2ABS
KS8W	AE5B	W5IP	YO3GJC	W0BM
LX1KC	HK6K	YB3MM	156	XE1EE
N4QWZ	JA4CSJ		AA7XT	
			G7SSE	

153	JA6CMQ	AA5N	NK5Z	OK1WF
AC8TO	JR1KBJ	CU7AJ	TG9AJR	OZ1OXQ
EA2BFM	K1ROA	DM6MA	WB1ATZ	W3UNX
HC1HN	KA6RWL	EI2IP	WX3P	W9MB
HL1VAU	KE6V	JE3OUW	ZS5LEE	WB8TGY
JA7JAA	KM8V	JE7RJS		
JF7RJM	LA9VBA	K8GT	144	142
JH2NWP	N3AO	N5TW	AD4AA	EA2AA
JH6RTO	W4DVG	NO2C	AJ6X	HB9BEM
JI1VVB	W6GJB	WX2CX	E77S	I4UUL
K7HC	W8PAT		IW1PUR	JA1CPU
KB0EL	WW1L	147	JA5XPD	JE2DOD
KE3ZT	WY0V	AG2O	JA7MWC	JH0WYT
KU1T		CT1ETE	JE4KCN	K4YZ
PF7M	150	HC1HC	K4ZMV	K5ZD
VE2ACP	AF3X	JA0GZZ	K9MQ	K7AWB
W4IDX	EA2AAZ	K8CR	KA5JSM	KD2SC
W5PD	G4AFJ	KF4ZZ	KF7NN	KE5FXE
WB9B	JA7MAD	KM1R	KI3O	KH6XT
	JA7PKV	LA8PDA	KK9T	KO4PY
152	JE4CIL	N8KU	N1BCL*	KU9S
AK9B	K9ARZ	N8PE	N4FN	NI4Y
DD0VU	KC2WUF	VK5CE	N8IL	RM4C
DK7VW*	KE6XL	W4HOG	RA3AOS	UT9LC
DL8OH	KN7K	WB3D	TA2RC	VA3HP
EA3HDZ	KY6AA		UN7BK	VK2DAG
EB3CW	N0VVV	146	W1RG	W0ZS
HB9AGO	NF7D	9J2BS	W5WLA	W6QO
J68HZ	NM4SH	AA5TL	W9WO	W8EOG
JA2ACI	NU4Y	DL1MEV	WA4USA	W9VOB
JA7NGE	NZ4CW	IZ8EYN	WB2AA	WA4MIT
JG1GJH	UW7UA	JA1SZN	WB2RAJ	WO5D
JH1CTV	W0PPA	JF2RSF	WF8Z	
JH1HRJ	W7NN	JH4GXE	XE1ILI	141
JJ1IRS	W9QO	KE0A	YB1AYO	AC0B
K2MK	WB2KSP	N3KR		DK3TL
K8ZZU	WD4IXD	N8OQ	143	DL5MM
N4XMX	YB2IQ	NO9E	A61BK	DS4OMS
N6KK		OZ9GA	AD8NQ	E70X
N6VH	149	R6TY	AE0MO	IW0ECV
N9ATF	DS2BGV	W9MR	AG5CN	IZ1JIZ
N9OY	G3PSM		AI4QQ	IZ1JLG
NE0U	K0FLY	145	CR7BRV	JH6WMJ
NM1G	K2KIB	9H1EJ	EI5KO	JM1CMA
NZ4DX	K5KG	A92IO	HB9BNQ	JR3QHQ
OD5YA	KD9ZR	AA5B	HK1X	K3RWN
SQ7FPH	KF5WCP	DL4ZAB	JA1JYS	K4EU
VA3OKG	N7KO	EA7AZA	JA3PRM	K6RI
W1LE	NN6K	EA8RR	JA8ANQ	K7RAN
WB0ULX	PP2FN	HB9ZS	JK8VMB	KF3N
WC0W	SP1NEN	K3HW	K0CF	KG5POL
	VE3FAC	K8OS	K8RMC	N4LV
151	WA4QMQ	KA1CTL	K9EXY	N5HC
AD5MD	WK4Y*	KB8DID	KJ7KOJ	N6VS
DS5JMG		KJ6Y	KO3F	RA0R
EA7LS	148	KM5VI	LX2SM	RL3BZ
EI5JL	7N4SQJ	N5PA	N9MR*	SV2DSJ

W3/NH7C
W9COS
WA3YZD
WW7Q
YB2BNN

140

AG1I
AG6HE
EC7B
G4SGX
HL2DBP
IK8PGE
IU4BJC
JG2LGM
KC6ZBE
N4DWK
N4LSJ
N5OP
NG0G
OT1A
SM5BNK
SV1BYI
W5SG
W7PC
W9SE
WA3GM
WB1S
WF4W
WR2G
YO3JF
ZL3REX

139

I8DKR
JA5JUG
JA5MOO
K1AJ
K4HEB
KA5SYP
KE4KMG
KJ2U
LZ1XZ
N1KM
SP5AMN
VE9VIC
VK3MB
W0SR
W2KP
W4CMM
W4UDH
W7TUS
W7VAS
WA9DU
WB3AVD

138

AB0RX
AD0K
DS4DBF
EI3ISB
HB9EBM
IZ1JLN
JG3KMT
JH1ORA
JH3PRR
K2AX
K2DC
K5VG
K9BQL
KI6CG
KK5J
N7FF
WB4DNL
WV4V
ZP5YW

137

GM1TBW
HB9HHH
K2UF
K3HPA
K3UW
K4GM
K7QBO
K9XT
N0JR
N8JS
NZ6N
SV3EXP
UA4HAD
W4PGC
W4UT
W8YV
WB7QXU
WL7OU
WW4N
XE1SAX

136

DD0VE
DL2VWR
DL4FDM
DS4DRE
EA3NG
JA1EYN
JQ2MPJ
K4OP
K7PO
KB7V
KX6C
ON6MX
ON7DR

PA5CW
SK0QO
SM6YF*
W4DWS
W8MIL
W9KM
WB8QZM
WG0G
YB0MWM

135

AB9KZ
CU3EJ
DL3JFN
G3CWW
G4AYU
JA3MIO
K0GEO
K2DF
K3DQB
K6UXO
KD1F
KN4WOJ
KX5U
LB2TG
N5SIX
N7MB
NC6K
ON4AGX
PY2CP
SM2DMU
UY0MM
W0JW
W3NRJ
W4KCM
XE1MW
YB0EIN

134

5P5Q
AA2T
AC7JM
DL9QJ
EI2JD
HB9WDF
HP2NG
IZ2MHT
JA1PBV
JA2LMY
JA6GXP
JA9EEH
JE6UWU
JF3AHI
JL6USD
K3GO
K3MSB
K6CF

K6DJ
K6EV
K9BO
KF9AF
N0TK
N2MN
N6VNI
OH3TY
PY2FUL
RA3CO
RW6MBC
TA1PB*
UT7EC
W1MJB
W1ZK
W5RDW
WA1LAD
WA1W
WA5CMI*

133

9A3IE
GM5YTT
JA2CPD
JA5SEY
JH1BHW
K0IO
K2FJ
K2KJ
K2OO
K3GW
K4TXJ
K9AAN
KB8ZUN
KM2O
KN4OK
N2TC
N4UW
N6DVR
NT5O
W1JMM
W4GHW
W4IR
W4VG
W5CWQ
WB1ASL
WB5TOI
WB9PNU
WI0E
WM4AA

132

DJ5DT
HK3CW
JA5CDL
JE4WOK
JG1WNO

JH4CPC
JN1RFY
K1GND
K5MT
K8CJY
K9JE*
KB2XJ
N1BKB
N1BRL
N1ZJ
N9XG
PY2OP
R0QA
SV2CLJ
VE3NKS
VU2DED
W0DD
W1KDA
W6TK
W9KX
W9RB
WA4VJK
WB2UFF
WU7X

131

C31MF
DL5FAC
DM5JBN
IZ0GVZ
K2CJ
K3EJ
K7CMZ
KG4OJT
KW4BY
N9MB
NA6XX
RM6LW
S51MA
VE3QAA
VE3VV
VE7VZ
W4CIR
W4LIA
W7NP
W8MSP*
WA6VZN
WC4V

130

AK5X
DK3BK
DM3CW
EA5GXI
EA6LP
ER0FEO
I7LGM

IZ5FSA	JA1ERB	JL2ULM	DJ9FK	KB0V
KB8KIM	JA6SQR	K1RI	DL5ZB	KD6WKY
KD1AB	JF2OHQ	K2RKJ	F8EZE	KP4DDY
KD5RBU	JS6SCC	K2XB*	G4EXD	M0VCB
KM3J	K0MB	K4RSA	IK0SHH	N0IW
KN9N	K1XO	K9LCR	IK8TEM	N1UZ
KX4I	K3CWF	KE1B	IN3FCK	N4PAJ
N9RE	K9AAA	LU7DW	JA1IHD	N5ZY
VU2YYF	KE4S	NC4RY	JA5IBP	N8WXQ
WA2MUA	KF4JHG	NJ1Q	JH5OTE	NE1RD
WA3SKQ	KF6A	ON4LG	JR4DHK	SM2EJE
WD1M	KP4DS	PT2ADM	K0WK	W2GHD
YU1LD	N8II	VR2CO	K2JK	W3IZ
ZS2ACP	NA2U	W0RXL	K4IU	W3MF
	NB3R	W1BYH	K4MIJ	W5TZX
129	NL8F	W4EY	K5MMH	W7GB
AA4MM	NR5O	WC9C	K8RCT	W7IAN*
DL8UAT	TF3G	XE2MX	KD0AA	W7QC*
G3VQO	UA0ABB		KK4TKJ	WB1DX
GM1BSG	UA0AV	125	KL2R	WF5T*
HB9EXQ	VA3QBR	AB2NI	N4GOA	YV4DYJ
JA1DCO	VK7AP	AK0A	N9AVC	ZS2I
JA7BEW		EA4TX	NX1P	ZS6RJ
JH8UGL	127	G1VDP	VE4JBB	
JQ3TAN	CT1ELF	HB9ANK	VU2MB	121
K0ARM	DD9WG	IU5RTR	W7IMU	AA6XV
K0BX*	DL5KUT	IZ1EPM	WA9IVH	AA9WO
K2IRM	DL7LX	IZ8DEO	WF5E	AE1T
K4KU	E74A	JA6NQT	XE2AU	DK3FB
K6OJ	F4GTB	JA6SUY	ZP6CW	G4RGK
K8LBT	F4HAB	JJ2BLV		IU8GNY
K9JDP	HB9ECS	K1YR	123	JA3VUI
KB5HC	K4DET	K4AEN	DL3DUE	K3OK
KH6DX	K5ALQ	K4UU	G4ZWY	K5GM
LA4RT	K9CHP	K9UC	JA2HOL	K5PC
LB8CA	K9GL	KB1AWM	JA2QCX	KB4KBS
N0ATQ	KM2E	KC4PX	JR0GXA	KC5N
N3GTG	KO4DKI	KG1V	K5RKS	KE1IU
N3ME*	NP3CW	KI0HA	K8ARY	KE7BMG
N5MT	PA3AIN	KJ4FZ	K8FB	KM4CQG
N8AGU	SP2JLR	LU8ADX	K8ZT/QRP	KY5I
N9ATD	VU2NXM	N3TR	KE8NOA	N1QAE
SM2YIP	WA1KXV	N5MI	KV8P	N2SG
SP2LLP	WC4B	ON4EB	N7ZA	NX1Q
W1KMA	YO4CPO	TF1A	NC8I	OK2ZDL
W3GP	YO8PS	W4FO	NJ8G	PV8ABC
W4EJG		W5XU	W0LGQ	TA7AZC
WA2BOT	126	W8BI	W7YED	VR2IL
WM9Q	AB4FH	W8PE	W9RXJ	W1GF
YB9AY	AC2QH	W9FF	XE1AO	W2GGY
	CT7BQH	W9JJ		W2RQ
128	DL8SDC	WS1F	122	W4CU
7J1ABD	F5EOT		EA1T	W6CUA
AB1NS	FM5FJ	124	EA7AN	W6GRV
EA5ZR	JA3DY*	AF3K	F6FHZ	WT3Q
EW4A	JH8LEY	AG3V	GU4YOX	WY4I
IS0/YO3RA	J11FXS	DJ5FZ	HB9HFM	YE1AR

ZL2AO	W2NY	MM1PTT	KR4Q	DJ9HQ
120	W3NS	N1GFV	KV3W	G4GED
AA0FT	W5JE	N2SU	N1ECC	G4VWI
AB5GU	W5WS	SM7TZK	N3PV	HB9IBA
DL7UGO	W6ELI	W0ZAP	N8TEM	HB9MZI
HG6IA	WA0GUD*	W4MOT	NA9L	IZ3DBA
IK5BSC	WA1EHK	W7BA	NT4K	JH3EQP
JA1PLT	WB5KSD	WA1HXH	OZ7BQ	JK1WSH
JE1TNL	YB0AZ	WL7CG	R2AB	K5QY
K2SD	YB0NFL	WT9U	S51DV	KA5OWI
K5GZR	118	116	SM6WET	KA9JAC
KC3AK	A65BD	AC4FZ	TF3DT	KD9BIE
KE9UA	AA7UN	F5PBL	WM4W	KI6RRD
KM4A	AE3T	F8DZY	ZS1IS	KJ6YK
KU3G	DB9CR	G0HIO	ZS6NK	LA2LI
LA2XNA	DJ3XD	G0UII	114	N2XQM
N3TTT	EI8JX	IZ8EJB	DL6WM	N4UP
N4HUF	HC1E	JA6TNY	DL7AA	N4WD
N5CR	JE7KQU	K2GLS	EA4S	N5PD
NG4DX	JE7OEC	K9SUH	F1RAF	SM7CZL
NN5O	JH4GNE	K9TVG	G4YCS	TG9NX
NQ4A	K0PC	KK4ODQ	HA2EQD	VA2EU
OH3GGQ	K4BYN	KM6WXB	HA5DI	VA2GA
PT2ND	K7LY	KN4AMX	HI3I	VU2OT
S52R	LA9XBA	N5EI	IW1CAB	W2RDS
W3JM	LU9DO	N8AID	IW7DMH	W4LZW
W4UAT	NA2R	NJ2X	JA2DCN	W4MBD
W5MF	OE1TKW	ON7TK	JL4BSE	WA1DD
W8LIG	OM2NW	VR2CC	JR5KQF	WW6W
119	SM3DXC	VU2TMP	K5NV*	112
6K5AQY	SM5BFJ	W1GY	K7PTC	AF8C
A71AM	W2EQ	W2RS*	K9KDS	G4NAQ
AI1W	W4ALF	W2ZK	KA9TOX	G6NHU
DF1IR	W4DFU	W4BH	KC9GHA	HB9AJY
DH8WR	W4DTA	W4TUN	KI0KN	I2YPY
E29TGW	W4RQ	W5GOL	KI4TZ	IS0MVE
EA4DL	W8VVG	W9LU	KW8I	K1TKL
EA8TZ	WA8COB	WA4TMJ	LA3ANA	K3SUK
G3LPS	WB4PWZ	WB8LEM	N3NVA	K4RM
G4DDL	WB5ZAM	WN1M	N4MIK	KB1W
IU4KET	WD6T	115	N9ETH	KI0G
IU8LMC	117	A71XX	ND4K	N2BSA
JA3MAT	AC4XO	AK4N	NE5W	N4PHH
JM3XZC	DL2OW	CT7ABD	NX2X	NS7U
K4MQL	G3YFE	CU2AF	NZ0O	NT5EE
K4TMG	IK1RKN	DL4KUG	PV8DX	NZ6L
KB3KJ	K4RP	F8GB	RA5C	OZ6TL
KF0RQ	K4TR	G4EHT	RA9SAS	SP9FWQ
KG4IYS	K5HX	G4HUN	VR2VGM	W3KHZ
N4UFP	K8MN	HB9GIV	VR2ZXP	W3RSR
N4VN	KC7CS	IZ7QSS	W8FAX	W3XX
VE3MSC	KG4URP	JA1CC	WN0L	W4BR
VK4BUI	KL7XO	JN1SUT	113	W5EC
VU2AE	KV7N	K1QN	4F1OZ	W5MJ
W0ZX	LA4JGA	KF2TI	DJ0AH	W6BBS
				WA8KNE

WB6PIH	NT6AA	AA2F	NS7K	105
111	OH2PV	AA2VG	R9GM	4F3BZ
AB5YI	PA0QRB	AG4TO	S57J	DK7GH
AF6PK	SV8RMA	DU1IVT	SP7ASZ	DS5RNM
AI2S	W4OEP	EA3UU	TF3MH	G3LAS*
EI2HIB	W4SKW	EA4D	UX5XK	GW0ANA
EI5GM	W4VAB	EC1AE	VE3BHZ	I0BJV
EI8IQ	W8TE	EI6GI	VU3DJQ	IK2HLM
EI9FVB	W9GG	F5VML	W1USN	JA1IFD
G0RPM	WA2ALY	IZ4GOL	WA4OTD	JA3KWZ
HB9GZE	WA4RYW	JF1KIG	WA7HQD	JA5GOJ
JP1PZE	WB2BXO	K6DLB	WB2MKX	JF3KOA
K4GN	WB4HMA	K7LOL	WB4EVH	JG5VFK
K4NNQ	YB8HZ	K7QA	WB5TEQ	JM7TKK
K8CMO	109	KA1RUE	WB8PKK	K0MD
KG6D	AA5H	KD8DEU	WZ9B	K1PU
KL7XD	AD0TR	KT5V	ZS4JAN	K4UQC
LZ1MDU	CT3FN	M0AQM	106	K5WE
M0RTP	DJ6OZ	M0PCB	AI4EY	K6BLG
N9NFT	DL1SWN	N2YBB	AJ6V	KB2GCG
NA8W	DL2NAI	N2ZL	EI2FG	KD2CYU
NO3U	DL9SAD	N3CAL	EI9CN	KD8BZY
OH3DP	GM0SCA	N4LS	ES4RX	KE3A
OH5NS	HB9CPS	N4WOT	F6ARS	KG5VK
PY6TS	JA0HXV	NG4C	G4WWG	KI3F
SM5CSS	JA1DHY	NW2I	IZ2IPF	KY6J
UA4PT	JA1FVS	PP5VA	JA1RBY	LZ1JZ
W2GM	JA1QOQ	SP5UFK	JE2VVN	N1AH
W2VT	JH3AEF	VE1JF	JH1OVY	N1TQ
WB9WHQ	JJ1SZA	W1MJC	K1FUG	N1XL
WD0AJG	JN3XEZ	W4OV	K2KYH	N3DD
WM0G	JT1DN	W7HJ	K6GCN	N5VBK
110	K0MFI	WA2ONG	K8RD	N8YQX
AB8M	K4LQ	ZL1IM	K9WMS	OM4KW
AC6T	K9KJ	107	KB5UNX	PB7XYL
CT3EE*	KA2F	DG1LHM	KF5BA	PT2DF
CT4CH*	KK7YC	DJ7PI	KO4MA	PV8AAS
G0GFC	N0AMI	EA4FXZ	KS4Q	SV7CUD
GM0VIT	N2CJN	EI4DQ	LX2KD	TA1UT
JA0EBV	N7TW	EI6GF	N2BT	VA2LC
JA5EEU	OH4KRN	F5DBT	N4GRC	VE7ON
JA9KA	SM0BSO	HB9ARK	N4KEB	VK7ZE
JP1GVC	SM0EUI	JA9IPF	N4PF	W3WN
K2GW	V31CQ	JI4HKA	N5RN	W6KF
K3RRR	VA3VF	JR3PKO	NH6L	WA3IIA
K4VAC	VE3KKB	K0XM	SM0XG	WB6JHI
KA4H	W1RH	K3IK	SP7QHR	WD0FYV
KB9AIT	W2FDJ	K3JRB	SV3RKM	YB1BUL
KC3MAL	W4AVY	K4NI	TG9AWS	YB7WW
KF8PD	W7WT	K5SES	VE7UF	ZL2DD
KJ7NO	W8ILC	K9BR	W3CL	104
KR4DA	W9LX	KJ4UZU	W6IA	A71UN/P
N2KX	W9TO	LU2JCW	W8LR	AC0DQ
N4UC	108	N4MTT	W8QW	DB2WD
N5QZ	7N4OBV	N6GEE	XE3ARV	EI8GS
		NA5WH	ZL3RIK	HL4GHT

JE2VYM	KN6KI	W4WNT	W2YWC	KA9JCP
JG1LFF	KS0Y	W8EH	W3ATT	KB6IGK
K3NO	KU4A	W8UQ	W4BZM	KC5RR
K3WSU	LA5HPA	WA8Y	W4PM	KD1DT
K5YE	N3ER	WD8KRV	W6OU	KD4SR
K6VVK	N4DJT	WK3A	WB5HJV	KE5MMT
K7IA	N4PGL*	YO6BHN	WB9ZNZ	KF5TL
K9YKL	N9OI	ZS6HON	WC6Y	KJ4SKO
KB3Z	NJ4V		WD9IOK	M0IFT
KC5LT	NN8L	101	ZS6C*	N0UCR
KE8Y	RZ6MJ	AA4QE		N0YO
KN6HIP	VE3XK	AD4J	100	N3VJ
N3YZ	VU3RGB	BX5AA	9M2CQC	N6RVI
N4NYY	W0RI*	CT1ESO	A41ZZ	N7TP
N6DW	W2TX	FM4LV	A71EM	N7UJJ
N9ICE	W4PG	G0MMI	AA1SU	N8XS
NA4D	W4YR	G3VDB	AB3TM	N9APK
NB2P	WA2VJL	HS7WMU	AD9DX	N9MKC
NE3K	WA3PAK	IK2SYK	AF4OZ	NI0R
NJ8J	WT5L	JA1KZP	AF6O	NN6CH
NS4F	YB1SKR	JA3AOP	AF7WM	ON6JY
PY5VC	YO2OXD	JE6JAO	AI6P	OZ2BX
TA1AL		JI1ZS	BA5AG	PA3DTR
UA9AGX	102	JI5RPT	DB3KE	PA3HGC
VE3FRR	2E0000	JK3NSD	DJ0CL	PV8RR
VE7NS	DK1MCS	JQ1QGM	DJ4LR	SP7LPD
W0YK	DL2DCX	JR1QLM	DL1TPY	SQ7JZO
W1CDC	DL3XAC	K0WJ	DL2RUG	T88UW
W3DIY	DS2GOO	K4MSS	DL5JH	VA6SP
W5DWA	EA2RY	K7UPJ	DM5TI	VE3ZN
W7KKC	EA4ESI	K8DTF	EA5BYP	VK2IS
WA4IXW	GI4OWA	K9EA	EI9HQ	VK3YR
WB3FHU	HB9BEP	KB1OIQ	G0WEJ	W0YRE
WU1T	IC8XIL	KC0V	G2DP	W2XX
WU6K	JA5ALE	KC2SIZ	G4FSU	W3SW
	K2KNB	KD2GC	GI3SG	W4CG
103	K3UT	KD2NF	IK7NXU	W5AAJ
AB8DG	K4QS	KF5MDZ	IU2LFP	W7SMW
AD7XG	K6JAD	KK4MA	IW2FLB	W7UV
AE7U	K6XJ	LU2NI	IZ3GJL	W8BZY
DU3GKT	KC3OPI	N4ZR	JA1QEY	W9ARG
F5VIF	KC8YG	NK7L	JK1OTP	W9GFB
G4BMM	KJ4EX	NU0Q	JR2PAU	W9MCP
G8GNI	LA5MDA	NX6D	K0FTC	W9ZT
JA1CCH	LZ2HM	PY2YW	K1GW	WA4UWD
JA3PYC	N0OK	S57NML	K1HC	WB6RAB
K0JPL	N4IR	SM7GXR	K1MLP	WD4OHD
K0KL*	N9AKR	SP5BMU	K2ITT	WN9A
K1MDA	NZ1I	TG9AKH	K4KYN	WQ9F
K2AMI	OA4DGS	US8ZAL	K4KZM	WV4E
K2WJ	OK1DXO	UX4UM	K4PWS	YL3GDM
K3LA	OZ5VO	VE7XT	K5JUC	ZP9CTS
K5VSD	PE1DAB	VR2PX	K5PSN	
K8TLC	SP5NON	W0QL	K7GT	
KA7CVJ	VE3DIT	W0RMS	K7HV	
KC3NIE	VE3XB	W1ES	K7RB	
KG5NP	W4JDS	W2MW	K8JRK	