

ARRL DXCC - 17 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 28 Apr 2024, 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 RTTY 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.

349 K4CIA SM3EVR	345 4X4DK DJ2BW* DJ6RX G4BWP I4EAT* JA2KVD N0AT N1DG N6AR OH2BU PA3FQA W3YX	343 CT1EEB DJ9ZB I4LCK JA0UUA JA1BK JA1HGY JA2FBY JA8EAT K0IEA K4XO K6YRA NR1R PE5T PY2XB SM5DJZ* SP2FAX UA4HBW W8UVZ WB6RSE	N8DX OK3GU R7LV SP7GAQ VE3EJ VE3XN W0DJC W3LPL YU1FW	DL4MCF EA4KD F6BKI IK6DLK IT9DAA JA1BOQ JA1EOD JA2DPC JA2JPA JA2XYO JA5IU JA7MSQ JG3QZN JH2FXK JR2LJO JR7VHZ JR9LKE K2TE K2VV K3KO* K3WC N4XM N5ZM NO8D OE6IMD PY2SP R3OK RZ3AM SL0ZG SP3EPK SP8NR SV1RK UA3AB W0MHK W4DKS W4PK W5OZI WI8A
348 G3KMA JA1UQP JA2VPO JA4DND K2TQC K8MFO N4WW OH1XX OZ1LO SM3NRY SP5EWY W1JR W1NG W4DR	344 AA1V DF3GY DJ2YA EA8AK G3XTT IK1GPG JA3FYC JA5AUC JA5EXW JE2URF JH1GZE JH4UYB JR2KDN K3FN K4ZYU KF2O N2LT N4CC SM2GQC SP5CJQ SP8AJK UT7QF VA3DX VE1YX W0BV W3UR	342 AG9S DJ9HX F6DAY HA5WA IK5HHA JA0EOK JA1WPX JA4LKB JH1OCC JJ2LPV JQ3DUE JR3IIR K1ST K3UA K8SIX K9NU K9QVB* N3XX N4KG* N6JV	341 DF4PL DK5WL DL1AMQ DL7MAE EA6SX F6AOJ G0JHC I4AVG IK8HJC JA2JW JA4DLP JI8DGO K4QL K4UTE K5NA* KU0A LU2NI LZ2DF N0XA NN4T OE8HIK OK1MP RU3FM SM5CEU SM6CVX UA4CC UT5UGR	340 AA6YQ AA7A
347 K4PI K5UR SP9FKQ* W1YY W9ZR				339 AA1ON AD5A
346 DF3CB HA0DU JH4IFF K4DY K4MQG N2TK N4CH N4MM OZ1BTE OZ3PZ SM0AJU SM5AQD				

DJ8NK	SM4EMO	G4PWA	LA5IIA	EA5BY
DL5DSM	SM5KNV	HB9AMO	N5ORT	HB0CC
IV3JVJ	SM6DHU	HL3IUA	N5TY	HB9DDO
JA1ADN	SP3E	IK5PWQ	NI6T	JA0GJJ
JA7KY	UY5ZZ	JA1XEC	PY2YP	JA1SYY
JE1SYN	W5FKX	JA3EMU	PY5EG	JA5MHD
JH1TWT	W8GC	JA4FKX	R3VA	JE1LFX
JH7VHZ	WA1JMP	JA9APS	SP5DIR	JE8CLT
JI1DHY	WB4TDH	JQ6RUP	SP7VC	JL1RUC
K0EU	WK3N	JR1DUP	W2LO	JR3OEH
K2RW		JS3CTQ	W4FC	JR4OZR
KD5M	337	K0CA	W5BPT	K8PT
N4PQX	AA1QD	K1HT	W7OM	N4JF
N5AW	AD1C	K4CN	W8OI	PA5TT
N5UR	CT1APE	K4IQJ	YO7LCB	RA3CQ
N8JV	EA2IA	K6AM		RA7A
OE3GCU	EI7BA	K7ZA	334	SM3NXS
R4GM	F6EXV	K9IR	CT1BH	SM4DDE
SM5CZQ	GM3POI	KV7K	EU7A	SV1DPI
SM6CCO	HB9BIN	N2BJ	EY8MM	UR0MC
UA6A	JA1SJV	N3NT	I4EWH	W3LL
W1DIG	JA1VLK	N4AH	I5HOR	W5WT
W2YC	JA6BZI	N4JJ*	JA1GRM	W6XA
W9IXX	JA8RJE	N9IW	JA3GN	W6XK
W9OP	JA9TWN	ON4AOI	JA7IC	WA5VGI
W9RPM	JF1WPB	SP6M	JF7XKY	WD0DAN
WB9Z	JH4ADV	SP9DWT	JJ3HGJ	
	K4HGX	VE1DX	JJ3PRT	332
338	K4MWB	VE3EXY	JR1BLX	AA4V
GM3YTS	K5KC	W1ECT	K0DEQ	DL2OE
HB9BGV	K8ZTT	W1GL	K1HTV	DL4CF
I2XIP	N7RT	W1RM	K3WA	EA3GP
I4MKN	N8DJX	W5XX	K4HB	IK4DRR
IK4BHO	OH2BLD	W5ZN	K9CT	JA2CXF
JA1ANR	ON4CD		KE9L	JA2FJP
JA3PIS	ON4IQ	335	N5OK	JA8EJO
JA5AQC	OZ1CTK	AB4IQ	NJ6P	JE1GWO
JA5WIZ	PY2BW	AB6QM	OE1AZS	JH3VNC
JE2LUN	PY4OY	DK9KX	SM4DHF	JH8RZJ
JF1KKV	PY5HOT	EA5BM	SM6CMU	K1AR
JF3KON	R7DX	G3TXF	SP6CIK	K1BD
JH0INP	S58T	GM0GAV	SV1FJA	K5DU
K1OA	UA3AP	HB9BZA	UT7UJ	KA9CFD
K2FF	VE3FF	I2EOW	UX1UA	N5XZ
K2PLF*	W7MO	I5NPH	W1SKU	N7RO
K4XP	W8DCH	I6FLD	W2IRT	OE2LCM
K5RK	W9MU	IK4DRY	W3GH*	OE8RT
K6FG	W9OL	IZ5EKV	W6RLL	OZ1AXG
K7NN	WD5COV	JA2BDR	WT8C	R5AJ
KF0QR	WJ4T*	JI2KXK	YO3APJ	UA3DPM
KW9A	YU3AA	JI4POR	YO9HP	VE2TZT
LA2PA		JL1UXH	YV1DIG	W4UM
N4DB	336	JR3GWZ		
N4NX	CT1IUA	JS2LHI	333	331
NI0G	DF2RG	K6TA*	5B4MF	9H1SP
ON4IZ	EA5RM	K6YUI	AA5AU	AC4G
SM3VAC	G4OBK	K9EU	AD6W	DL5WW

F5PAC	WB9CIF	W9ILY	N9FN	NN4SS
IK2YCW	ZL3JT	WA2VYA	NK1K	OE1WEU
IK8YTA			RL3FA	OZ4O
JA2VMU	329	327	SM6BZV	RU3QR
JA3AZD	CT4NH	A45XR	VA5DX	SM0CCM
JA7JWF	G0BLB	AA5AT	W3NO	SP1JRF
JA8LRG	HB9HFN	AI9L	W5CIA	SV1JG
K2UU	I2MQP*	DK5AD	W8HW	US5WE
KE9ET	IK4GME	G3SVD		W5LT
KQ8M	JA0DIN	JA2IVK	325	WB9EEE
N4QS	JA5XAE	JH1SJM	5B4AHJ	WE9R
N8KOL	JA9CWJ	JP1NWZ	AA4R	YS1RR
OE6MDF	JE2EHP	JR2UBS	CT1DKS	
PY5EW	JF1LZQ	K2SHZ	DJ4XA	323
UA6MF	JH1IFS	K3RA	DL1DUO	AB3CV
UX0FF	JH1NYM	K6KLY	EA8AKN	AJ6T
W5TCX	K5BG	K8YTO	F5CQ	EA6NB
W6SR	K8QM	KZ4V	G5LP	EA7TV
W7AL	N8RR	LA5HE	GM0AXY	HB9CEX
WA6F	NE1B	N1IBM	IZ2AMW	HL2IFR
YB5QZ	OE3EVA	N9AU	JA1IZZ	JA1WSK
	RV3LO	NY0V	JA2JNA	JA5BEN
330	WA7NB	PA3EWP	JF1PUW	JA9GLW
AB9V	WA8WV	R0FA	JR6FC	K2UO
DJ4AX	WX4G	R9FM	K0JUH	K4SE
DK1FW	YO5BRZ	RW3RN	K0KX	K4SO
DK2JX		SP1MGM	K2LS	K8EUR
DL1KUR	328	SP7ITB	K7EG	K8GG
DL6CNG	AE5E	SV1CNS	K8AC	K9US
DL6KR	F2JD	SV2DGH	MD0CCE	K9ZO
F3SG	G0OIL	UA3AGW	N8PW	KG8P
FK8CP	HK3W	UT9FJ	RN3QN	ND0N
G0DQS	I0WDX	W1TSP	W3KX	SP2BMX
G3NDC	JA1XCZ	W2LK	W4BP	UA0BA
G4CCZ	JA2AH	W7DO	WB0TEV	W1LW
HB9RG	JA4ITW	W9RN		W2QO
IK2QPR	JG3LGD		324	W6ENZ
IZ0AEG	JH3SIF	326	AA8OY	WA4FFW
JA2VQF	JK1EXO	E73Y	DJ5FI	
JH1HHC	K0GY	EA3GHZ	DL2CHN	322
JH3CUL	K1LD	EW2A	DL7BA	AA4HP
JN3SAC	K3PA	G3LZQ	I3BUI	DJ9ON
JN7FAH	K4EM	JA6VQA	IK4ADE	IK0PEA
JR7WFC	K4UEE*	JA7BWT	IK4MSV	JA0CRI
K5EK	K5AQ	JA7LGE	JA2ZL	JA1IOA
K9MM	K7ZV	JA8BNP	JA7FWR	JA2FGL
K9YY	K8OM	JE7JDL	JA8BAR	JA4MRL
KC9ARR	KC6AWX*	JF2UPM	JE1DXC	JA6WJL
N1NK	KX4R	JO7WXN	JH1AGU	JA9FAI
N8BM	LA7AFA	JR1BAS	JH1QAX	JA9GPG
NU8Z	N7US	K7WP	JM1HJG	JF8QNF
OE1ZL	NS6C	K8FL	K8TL	JM1FHL
RM0F	PY2XU	KB1JZU	K9MBQ	JR6LLN
SP3CGK	SP1S	KM4H	KB0EO	K6PJ
SV8CS	W4UW	LA7HJA	LA7JO	K8VJV
UA4LY	W7AO	LU3CQ	LB8DC	KG4W
W0YG	W7CT	N4II	N8TR	KI0KB

N9RS	K6RO	IZ4MJP	315	EA5AT
NN4R	K9RX	IZ8FFA	AA5AM	HB9BOI
R7FK*	LA2QM	JH1BAM	DL9TJ	HB9DDZ
R7NW	N6TA	K5XI	G0EHO	HL4CJG
RW4NN	NT0V*	K8BL	GM3YOR	HP2AT
SM5JE*	R5DT	K8FH	JA1FQI	JA9IFF
SM6CUK	RX3AGD	K9SM	JA2XCR	JH1AJT*
SP6HEQ	S55DX	LA5LJA	JL2JVX	K1GG
SP7HOV	VE3BW	N7IR	K2PK	K1KO
VE7IG*	W0VX	N7XR	KD3CQ	K4MS
W1YM	W4QN	VE3CFK	N4RWG	K7UA
W5XC	W5AJ	W2LE	N5LZ	PY2KP
W6TC	WK7E	W2NO	SP8HKT	SV1VS
WD4LBR	ZL4TT		UA9FAR	UR5EDX
ZL1BYZ	ZS6EZ	317	XE2CQ	VE6AX
		DJ5JH		W3BW
321	319	DL1SMA	314	W7YAQ
AA4SC	AA8CH	DL2VPO	AD5Q	WB5JID
EA1N	AF9H	HB9TKS	DL5EBE	WN6W
GM3PPE	DM2DXA	I5CRL	E72A	WO7R
HA1RB	DM5EE	IK4PLW	EA6VQ	ZL2IFB
HA7TM	EI6FR	JA1VSL	F4BKV	
HB9SLO	IW1ARB	JA2XW	JA1LSP	312
IK5RUN	JA1BPA	JH1IAQ	JA2TBS	G0VXE
IZ8EJB	JA1QXC	K0KVR	JA3RQ	G4GIR
JA1JAT	JA2EPW	K8GI	JA8EOT	I1EIS
JA1KQX	JA2WYN	N5GH	JA9AA	IZ5RVG
JA1NWD	JA7LMZ	PY2NQ	JG1WSC	JA0PE
JA1SVP	JF1NZW	R6AF	JR4LNG	JE2OVG
JE2LPC	JG3SKK	SM2OAN	K1LPS	JE8TGI
JH4JNG	K4XD	W2AY	K1RO	K0KG
K5ZK	K5WAF	W4FQT	K1ZN	KJ6P
K6FW	K8AJS		K5MC	LU8EKC
KK0M	K9JF	316	K5UO	N4DW
KP2A	KC7V	EV1R	K5VIP	N8SNM
KT1J	KG7H	I5OYY	K6UM	NQ1K
LA3WAA	KN5O	IK2RPE	K8CW	PP1CZ
LA8PT	KS1J	JA2ATE	K9NW	SK7AX
LA9AJA	N0RB	JA6TMU	KK2I	SP9JZU
N5DG	N2LM	K0AZ	LA8HGA	SV1GYG
SM5ARL	N4TL	K3UL	N2NL	UN6T
SM6CTQ	PA3CSR	K3WW	N2TN	UN7TW
SV3DCX	R9TO	K6ND	N2WB	W2OO
W2JU	RA0FF	K8NVR	NK4L	W6PJ
W3GQ	RA3QK	K8WK	RA9CMO	
W9JA	UT2UB	KA8ZPE	SP5IWA	311
WD9DZV	W6BJH	N0KV	SV9COL	DF2IS
	W8AV	N4PJ	W3OA	IZ3ETU
320	WB8BPU	N6MZ	W4HG	JH3GCN
F9XL	WT4Q	N8LJ	W7BEM	JH4CBM
IU7QBB	YO2RR	PY2IQ	W9AJ	K5DHY
IZ1LBG	ZS1LS	UR5WA		KB8VAO
JA1RTX		UY5AA	313	N6OJ
JA7QVI	318	W3ACO	7K1PTT	N6UK
JH4GJR	AC0A	W3RJW	A65BR	N7BT
JL1XMN	F2NH	W5ODD	CT1GFK	RU1AB
JN1BMX	HK4SAN	W9YSX	DL1TRK	UT7UV

W0LS	IW0SAF	EC3A	RX4HZ	K1ESE
W1EQ	IZ8DFO	HB9BAT	SM5CLE	K7ZD
W1YRC	JA4FM	JA1DDZ	SM5CZK	KF0LA
W4YCH	JA8CJY	JA1SGU	SM5ENX	N4HID
W8MET	K4JAF	JA2FSM	W4LSC*	N7KA
WF2S	MM0EAX	JF2WGN	W7QDM	NA5Q
XE1KK	N5MOA	JH7RXU	W7ZJ	NZ3O
	OE1WHC	K2AJY		PZ5RA
310	PY7DJ	K4WNW	302	SM6BGG
AA8LL	R8TX	KD4W	F5PBM	UA3ECJ
CU3EJ	UA3TT	N2JJ	F5UJK	VU2NKS
G8DX	W1YIF	NW7E	JA3DY*	W0GG
HL3GOB	W4VIC	OZ1ACB	JE2DZC	W5JAY
JA1KPH	W5GAI	UW2ZM	JE6TSP	W5VY
JA2FBC	W5PF	W1KSZ	JR7FRW	W6RW
JA6BEE	W7CA		K2CBI	W7VY
JF2XGF	W8MHW	304	K7KB	WA3AFS
JH1RGG	W8RLS	9A4W	K7XB	WA4JQS
JJ1SKG		AA8R	K8AV	WF4U
JK1TCV	307	EI2GLB	KF7PG	
K6SIK	DL2SWN	IK0XBX	OE8SPW	299
KN6KI	EA3WD	IZ0RVI	UN7LZ	G3KWK
N9JV	EI9FBB	JA9AGN	VU2PTT	HB9IQB
OE3SGU	IZ8XQC	JG0CQK	W1VT	JA9FPI
SV1CQN	JG3FEA	JG8FWH	W1ZT	JF3PNQ
UN7JX	JM2RUV	JH0NBN	W3AP	JH1DGQ
W7HPW	JN1RQV	JR8AMF	W6NWS	JH8NB
	K2UR	KM1D	W8OP	JJ1DWT
309	KD0Q	N6PSE	WA1PMA	K0GD
DL1DA	R9SA	OE5FIN		K6MKF
JA7XBG	RA1QD	SM0NJO	301	K8ROX
K2NV	RA4CA	SM7CQY	EA5OX	KF8UN
K3XA	SQ1X	SV9AHZ	F3AT	N2AJ
K8UT	W8LGJ	VE6LB	FG5FR	NA5C
KD0PO	YO2CMI	YB1UUN	I4KDJ	OH4UI
LU4FPZ	ZS2EZ		JA1OVF	OZ5NJ
OH5VT		303	JA1VRU	S57AT
SK3PY	306	AF4HX	JA5BGA	VE3CRG
UA6YW	DL6JZ	CT3HF	JJ1TKN	W3JX
VK3HJ	HB9LCW	CU2AP	JL1BYZ	W4OX
W0EWM*	HL2WA	DK3WW	K0KT	W7IU
W2GG	IZ8FDH	EA9IE	N6RV	W8HC
W6YI	JA3EOP	IK5PWN	SM5FUG	W8KEN
WA3C	JA8DNV	IK8EPC	SV3AQR	W9MJ
WL7E	JA8ZO	IT9CVO	W5GO	WB2BIN
ZS2DL	K0BJ	IW0HOU	W8AXI	
	K6IPM	JA0DET		298
308	K9MK	JA3VPA	300	9A4T
4Z4DX	LZ2JE	JH4ALY	AA9A	AB5A
BA4RF	PY2VA	JK1GOK	CT3MD	CU2DX
DK8MCT	VE3EK	JO4CFV	EA1AF	IW1QN
DL5CW	W7LGG	K1USA	EW1KP	IZ3ENH
DS1JFY	WA0MHJ	K3PT	G4RGK	JA2JRG
EA3GHQ	WA4LOX	K4CMS	I1FQH	JH3FUK
EU1KY		N4QQ	JA7GAP	K0BBC
HA9PP	305	N6HC	JE2VLG	K1SM
IV3YYK	DL1HRN	RD3AW	K0GW	LA3MHA

N3RC	RQ3A	N4SC	K4FJ	IK5MDF
NX0I	W1BR	N6HY	K4PB	JH0RVY
OE2GEN	W8JRK	N9BX	K7BTW	JH1BNC
ON6AA	W8TN	ON4CAS	K8RRT	JH1OBS
PA7RA	WA1S	OZ1LCG	N1EN	K5VWW
SV2AEL	294	PY2MC	N2DPF	NA9A
UA0FO	HA5VZ	RU6L	N5KM	ND4V
XE1MEX	IZ5BAM	SM3LGO	N6IE	SM4AZQ
ZS4TX	JA2VHO	W2GW	N7DED	US0YA
297	JA3ENN	W9PZT	OM4EX	W2NRA
IK4AUY	JA4DHN	WA9PIE	W8IW	W5ZG
IZ8GGF	JE3ENP	WB8ZRL	WA3F	W6YOO
JA1XPQ	JH1ACA	291	WA5LFD	W8UN
JA2IYJ	JH1VUO	E72U		WA3GFM
JA6CBG	K3PU	EB3CW	288	
JP1IOF	K8DV	HB9BYQ	EA3CJ	285
K1DT	KQ3F	IV3VBM	EA6ET	EA1JO
N7TY	LY1G	JA2QXP	HK1MW	I4JBJ
OZ7FOC	N5JB	JA7BEW	JA2NDQ	IK0UTM
VE1JBC	NV9L	K0TPP	JA6IVR	JF1LMB
WB2GAI	VE7TK	K3FRK	JA7KE	JH1UBK
	W9ZCL	KB1EFS	KA8SYV	K2AZ
296	293	LA9FFA	KF2DT	K5CWR
DL9FCY	DJ8NT	N1RR	KZ9DX	K9ZM
HA7UW	EA1KY	N2NS	LA9VFA	KG9Z
HB9DHG	F1ICS	SM5BMB	LB6KC	SM4CTI
HS1NGR	HB9CQK	W1KDA	N4IG	SP3IBS
IV3GOW	HB9JOE	W9HBH	RK4FD	W0FLS
IZ8IEV	JA1XRA	WA2NPD	W3FI	W0KEU
IZ8VYU	JA3WLN	290	W4MAY	W2TB
JR1MLU	JF1RYU	CT1EAV	WB3LHD	W7YW
K4JJW	JH3KAI	HL3DE	ZS1A	YB0COU
K9YC	JR0EQQ	JA1CZI	287	284
KA1ERL	K2FW	JA9NLE	EW1BA	DF7EE
KE8UM	K5RT	JG1OGM	IK0AGU	DK7YY
LA5YJ	KI4GE	JR7GBL	IK2DZN	JA8UIV
LB2TB	N8OC	K2UFM	JF0JYR	K4ZO
PA0JSE	NK0S	KG6I	KA4RRU	KJ7M
SA0AQT	W2ZI	KQ4AV	KD6UO	N4UOZ
W5SL	W8BBQ	LA0FA	KJ6NZ	NA5DX
W7MEM	WA6JA	N4GN	N3VA	SV1ACK
WB8ART	292	N5ET	N5UL	W1MK
ZL4AS	7M4AOE	PA7TWO	N7WO	W2FV
295	DF2GH	PY5IP	OH1ZK	WS9V
9K2OD	EA8MT	RW7M	PY2DS	
DL7UPN	IK0HFO	W4REX	W5DNT	283
EA8RR	IW0HQE	W7AH	WB8K	4X1RU
EI9JF	K2XF	XE2D	286	CT1FPQ
JE1IBI	K4VIG	289	4Z1UF	DL5XL
JJ3CJP	K5PS	9M6YBG	AK5X	DS5ACV
K0TT	K8YYY	G3WPH	CT1BWW	IZ7AUH
K1PL	KH2L	I5REA	CT1FUH	JA0DWY
K2KA	KR4F	IV3KFB	DJ0UT	JH1WJR
K7LJ	N2KX	JA9NFO	EI8IU	JR1WCT
RA5BM			G3KMQ	JR3UIC
				K8YSE

N4LR	NF1G	KM3J	IK2RZP	270
NE3F	NU1B	N1API	IU0HDC	EU1U
W1SSN	S5ZZ	N4JT	JA1HOM	HL2EIZ
W2OIB	W2/CT1GIF	OZ0J	JA7QQQ	JA7GZM
W4UCK	W5PJR	W5QM	JE2KSM	JH6DUL
W6DE	W5ZO	W90O	K1NJ	JK1OPL
	WA4CEM		K4KAY	JN7DOS
282	ZS6WB	276	K4WES	K1CBK
HL3AMO		9K2GS	KI7AO	K1FEV
IK2PZC	279	CT1FCX	KS3F	K1MAA*
JA3KNN	AA3LX	GU0SUP	LA7GIA	K1XV
JH4HMG	EA1KP	JA1EMQ	N1SV	K5FZ
JI6IHG	JA1AYV	K9FZ*	N6PEQ	KM7R
K1ACL	JA1DM	KE3D	NY2NY	M0CSD
KI1U	JK1BSM	N0AH	RT5A	N6KZ
N1RK	K1IED*	VE7BV	W0KCJ	N7QT
N8SHZ	KE5FXE	W7JY*	W6SL	ND4X
NT5V	N0RN	W8QZA/QRP	W9FI	SM7BHH
PA0TCA	N7HN	WA8MCD		VE3YF
SM7IUN	OZ1IKY		272	
W0SZ	RW4CY	275	6K5YIA	269
W8IQ	SM7NDX	AB4SF	DK5RL	AA4FL
	VE3YV	CT1DOF	I0OSI	DS5DNO
	WS5W	DJ3XG	IZ4DPV	G3SBP
281		G3NKC	JA7HRM	HB9CRV
AA6AA	278	JA3BXF	K2SN	HB9RYZ
DJ9RR	AA7G	JA8FFM	K4ST	JA0LXP
F6DBX	IV3TMM	K0QQ	KE1F	JA6AVT
HB9ZS	IZ5YHD	K5RKS	M0TTB	JE1HRC
HL2KV	JA0KJE	N2NW	N9UA	JH8NQV
JA4VLK	JA1BNW	N2RR	SM4OLL	K6EME
JE2RDO	JA1MZL	N4JQQ	W0HBH	N4ENE
JH1NYN	JA8XQI	RN9N	W5TFW	N4HB
JH2PWY	K2AX	W5GZ	W9IL	N4TJ
JH3FHQ	K3VAT		WB7B	N9AOL
K1UU	K5FNQ	274	YB1AR	OE2BZL
K5MT	K7FEL	A65CA	YL2KF	VK4CAG
K8BN	KA7T	EA1RT		W8GNM
KR8T	KE0A	IZ0NRG	271	WQ6Q
N3RW	KI4DLS	JA0AOO	BA7IO	
N9AW	KL7TS	JA5NPV	DH2PC	268
N9ISN	LA6UL	JF2VAX	EC1A	DS3HWS
SM5FWW	ON4ANN	JH0NOS	FG8OJ	EA5B
VU2CPL	PC3T	JH4ADK	JM1VRW	F5LIW
W9YE	RM3DA	JH7BKN	K1GE	IK3SWB
WA9GON	W2JLK	K2BA	K3SEW	JA2ITK
	W7HR	NA9RB	K6BV	JH0OXS
280	WA0RVK	NN4X	K9NR	JH7NTW
4F2KWT		OH1JP	K9OR	JL1MWI
CT1BOY	277	OM8FR	N7MQ	JN1NOP
DL2RTL	BH4QYX	W8BLA	NA4EA	KF4NEF
EA7SG	EA4DL	WB0TVY	RA3BL	KV1E
G3UAS	HB9BUN		W0JM	N4IQ
IK8VRH	IK0LNN	273	W3SB	N4XP
JF1IRW	JH8KFE	7K1CPT	W4KA	PY5CC
JI1NJC	K8EAB	9A1AD	WE2N	SP6A
K9FN	KC6X	I0JBL		VR2XMT
KI5BLU				

W1KMA	JM1GHT	K0OK	W3FOX	K4JWA
W5THT	K1EFI	K6ZZ		K8NK
W8UV	K1LT	N6PM	258	PE1L
W8WVM	KK1W	W4KVS	AG5W	W2DXE
267	KU4XO	W4PNY	CT1BWU	W4RDX
AA9GR	KX2A	W7VAS	EA1DLU	W5VQ
AB5C	N8II	W8MJ	J11CQA	W8LMG
HL2CFY	TA1CM	ZS6NJ	K4JC	W9JJB
JA8NFV	UN7BY		K4MIJ	
JH0AWC	VK3FM	261	KR2Q	255
JO1LVZ	W3MR	HA5PT	KT2C	DG5LAC
K1DJ	264	IZ1JMN	N3QE	EA3EQT
K1RI	DK2CC	IZ5FSA	NA2P	HB9MFM
K4EU	JA2NNF	JA1FJJ	NG7M	JE1PNX
NE6I	JA3NHL	JH1APK	NJ3K	JH1DGJ
NX4TT	JA6OXT	K1JD	UN3GX	JH1ERJ
OE3HWC	K7UT	K3WWT	VK2HV	K4MF
ON5UE	KR6C	KF7F	W0QQ	KI4WCQ
UA3O	N2SQW	N7ELL	W6SFK	KI6CG
W0RX	VK3BDX	RA3QUA	W8CZN	KK4OK
W3ABT	W1OPD	RA4P	W9DX	N6QI
WA1YTW	W2YR	VE3VHB	WA5UA	OH2IS
WA6G	W3BJ	W7FP	WB3D	PB9FN
WB8CQV	W8WEJ	XE1RBV	WD8PKF	PS8ACL
	WA0ROI		WV2I	W6GRV
	XE1H	260		
266		EW1P	257	254
4X6ZK	263	G3VPW	DM2RM	EA7QW
AE0P	AA4A	JA6GPR	HB9IIO	HB9BNQ
AJ8MH	DS5TOS	JJ1KZZ	HL5BMX	JA3FHL
GW4TSG	IZ2FOS	K5YU	I5XFD	JF2OZH
JK1UNZ	JA4ZA	KB6CIO	IZ0BVU	JH1FVE
K9GA	JH0BQX	KD8RQE	IZ8EKL	K0MN*
N6DX	JJ2VLY	KJ7TEA	JR1EFG	K1JIU
N8NN	JK1AJX	KX4TT	K1RV	K1NTR
OZ4VW	K4QE	N4OA	K1YR	KW4V
RU0SN	KM6HB	SM0XBI	K2RU	N1GC
W5ZE	KR4W	W4SK	K6MM	N2FF
WB2NPY	N4TV	W6DR	K6XN	OH7TV
WC4H	S51NM	259	NY9H	PY2FN
WS1L	SM0DSF	AF2C	SM5BNK	SV1IW
WV6E	SP6JIU	DS4AOW	VA7ZT	UN3G
	UR3EO	F5JSD	W0TM	
265	W5DAW	G4XRV	W3ICM	253
AB4UF	WQ5R	IW3GJF	W5UHQ	CT3KN
AC9EM	YB2TX	IZ8MBW	WB8B	DL2NOM
DL2RUM		JA3MHA	WC3W	IK8UHA
EA8AXT	262	K2AT		IZ1JLG
EC1AIJ	AF5CC	K3OX	256	JG1SWM
F6ECI	A16Z	KA1DJ	AA6RR	K0HD
G4XEE	EA5RD	KC6JAM	AC6BW	K0VSH
G8AJM	I0MWI	KK9H	AG3V	K1CA
IS0AFM	IZ8FVN	KY6R	GM0VRP	K6IPV
JA3QOS	JA1IAZ	M0IKW	JA8RRF	LA1CO
JA4HAW	JA7ZP	SM0MPV	JJ6DGP	OE3KLU
J11VVB	JK1VXE	VE3SKX	JR1VAY	V51B
JK1WSH			K4CGY	W4GIW

W4IS	N1ZJ	UA9AEU	W9MO	K9ARZ
252	NA2M	W0FG	W9RXJ	N1MD
DJ3AS	PA3BWD	246	243	N8WD
DL7JRD	W0TT	BH4IGO	AA0MZ	NW7M
EA2AAZ	W5DM	HC1BI	JA1BWA	ON4ATW
HL4GAV	W6DPD	I8YAV	JA7JM	TZ4AM
IK2GAJ	WN6K	IK5BOH/2	JE1VTZ	YV5LI
JA4CZM	249	IK8GJR	JH3GFA	239
JH1OGT	DL8SDC	JA1FVS	JH7IQQ	CU3EQ
JR1FHP	EA5DFV	JA1QIW	K6EID	DK6OR
K5GH	IK0HBN	JA7FVA	K9JU	G0BBB
K8QKY	IK2RGT	K5TA	K9TF	JH1FNU
KS4S	IV3TDM	KB9DAK	LA9VBA	K3NQ
LB5WB	K2HAT	KD1F	SM4BZH	K4VNY
N0ABA	N3KN	KE4S	W6RKC	K8AO
N4QWZ	N6MB	N9KW	WA8A	KD2T
NU1O	SP6Eiy	NF4A	XE2X	N6PAT
RL3AA	W2WG	OZ7DN	242	NA5Z
UN9L	W6WF	PA0ZH	AC4VM	NW6S
VK5GR	W7IV	W5RF	JF1WLK	SP6AXW
W4DEE	YB0NFL	W7HUY	JF6XQJ	SP7ICE
W6AER	YO9FNP	W7NN	JR6GIM	WV4TN
W8UQ	248	W8HMK	K1BZ	238
WA3I	AJ4A	245	K3EA	DK3UA
WB6BFG	EA2J	7L4VYK	KB5UNX	EI6IZ
251	G4ZOY	E21EIC	N4FN	IK3GBG
EA4DEI	I7PXV	HI8RD	N8BJQ	IZ0GYP
HL2ZN	JH1IED	JA1PVX	SM7CZL	JA0AXV
IZ4DIW	JH2AJY	JA2ODB	SP5ELW	JA3LDH
JA0EVI	K0THN	K8ZT/QRP	TF3DC	JA9APM
JA1JYE	K5RJ	K9SUH	W5FPT	K0EOO
JR1JGA	KH6M	LA5SJA	WB0O	K3VAR
JT1BV	N0ODK	N6MXU	241	KE1VT
K1KA	N4NW	VK2CA	AD8P*	LA6OP
K5DV	N6BM	W2XI	CT3CD	N4TOL
K7LAZ	N9AKR	W7CD	IZ0BTV	PY2RO
KB1DMX	NC4RB	WA4MME	JA6GIJ	SV1HEP
KB4MRX	NH6T/W4	WB3JFS	JN1NBU	UR4IOR
KE4UW	OH6NIO	WY6N	KE5BR	VK6LC
KR0P	SM5ELV	244	KL7TC	W3WST
W6AEA	SM7GIB	HB9CXZ	N1JP	W5GA
W7IB	W1WC	HB9EFK	N3KV	W7TUS
W9EWZ	WA5IPS	JA4SSM	W2KA	237
250	WA5NFC	K4YYL	W6BK	CU3AN
DJ9SO	247	K5FXB	WK4Y*	DH0GSU
HB9DQV	AG7N	K5JZ	240	JK7LXU
HI3T	F5NBX	K8ZM	DL6UNF	K4KAL
I8LWL	G4FKA	K9SG	HB9DOT	KQ4EE
IK7FPV	I8MTQ	KE1B	JP7FSO	N5QS
JJ1QUV	K0VM	KW4CQ	K3FM	N6NU
JR1IZM	K4WFM	N3ND	K3NF	N7GCO
K0DD	KF6HI	N4PYI	K8JE	PY2WC
KN7D	LA2XPA	W4GE	K9ALP	RD9M
KZ1W	N5BO	W5WI		RT0F

W4DAO	JL1GYZ	KK9T	WX2U	VA2IG
W4HZ	K6QU	N1KC		W1AW
	LA2GH	NA9Q	227	W9GXR
236	SM0NUE	SM5AOG	EA7DUD	
AF6PK	SM2EJE	SP5LKJ	JA0CIU	223
BA4TB	W0MU	W1NA	JA1ITJ	G4AYU
DF2UA	W0SR	W8FN	JA7JPZ	HB9AAA
DS4NPL	W4AG	WB5NHL	JF1MTV	JL3OUW
EA5AR	W6HDG	WE4S	JJ2WOC	K5ALQ
HB9ESS	WA2USA	ZS1J	JR3VMJ	KS4YT
JA2OLJ			JR7MAZ	N6VS
JJ1BMB	232	229	K0SD	N7ZA
K4JKB	BV1EK	AA4AK	K5HK	NV4A
K4KEW	EA7AN	DL5KUA	KV4T	OE1ALW
KP3AH	G7SSE	F4GVO	N5PA	W2CG
N6ZN	JA1PBV	FG4NO	SP3F	W5KK
OH3OJ	JA3UNA	IT9AAI	V51YJ	W9MAK
W6HYI	JA8BOV	IV3AVQ	WB3BFC	W9ROG
WA4BIM	JR4LZX	IV3KCB		WB0ULX
	K5ZQ	JA1BON	226	WB4GLI
235	K7LV	JA3EY	4X4MF	
EA1WH	K9UQN	K2SD	DL9GTB	222
F6HLC	KB2FCV	K4AR	J11WLL	AA9RR
HB9DVZ	KK4OW	K4RG	JR0QFA	AB4GE
JH2BNL	KV4AA	K8SIA	K5IB	JA1GVT
K9GWH	N2GZ	N3XM	KU4BP	JA3AVO
KE9S	N8GP	N6RK	N2RJ	JO3WHB
N6WT	W7IAN*	S54A	N7NG	K4KGG
N7BD	W9QO	W1JGS	NW4M	K4WY
NA2AA	YL2TW	W6JZ	NZ5O	K6KZM
OZ3SM		WB2KSK	PY2GG	KF4VTT
VK3NX	231	WW8W	VE1VOX	KG4JSZ
W2OR	DH3KM		W4SO	OZ1HPS
W4DC	GM0VIT	228	W6WA	SP5APW
W4DTA	JA1DCK	AD4AA		SQ7FPH
W8RV	JH5HDA	AL7TC	225	VE3TKI
YB0MWM	JS6TWW	CX2CC	IK0CHU	VU2LBW
	K1ZE	HL4XM	JG2LGM	W4UEF
234	K3SX	IW7DVM	JG3KLF	WV8DX
AD6ZJ	K4OY	JA0KJD	JM1ESG	XE1L
AL7R	K4YJ	JA1MOD	K6JAT*	YB3MM
CT1ELF	K5CD	K1ROA	K6UNE	
G1VDP	KE5TD	K3PP	OZ9XU	221
I5FLN	VR2XLN	K4SX	RA0BA	G4VMX
IV3BSF	VU2IBI	K7AWB	UR5FEO	IK0WMJ
K0CF	W2FKF	KD0AA	VE1DUN	KA1J
KK2M	XE1J	KF0RQ	VU2CDP	LA2LI
N4XYZ		N3KS	W0ZS	MU0FAL
SV1FKZ	230	N3ME*	W0ZS	N1IA
W8FIB	AG1A	N8WRL	WK8A	N9LJX
WA1ZIC	CT3DL	ON6KE	WW2DX	NI5F
WB9PNU	CU3BL	RD3BD		SK0QO
	DL4NBE	SP5MXZ	224	VR2XYL
233	F1RAF	W2PP	AC9O	W6DCK
EI9FVB	J18PDC	W4UDH	AE4CW	W6KK
JE1PHH	JR4CZM	W7VS	JA4HXF	WB4KTF
JH8UQJ	KB5HC	WA5KBH	N1WON	WB7BBQ
			R4FAN	

YO3JF	217	K0BRO	KM1C	KK0DX
220	AA4U	K0MFI	N1BY	KK5OQ
F6FYD	EU1M	KF9AF	PT7DX	N4MI
HB9DVO	IT9YOZ	KM9E	VK2AAH	N6DHZ
JA3KKE	IV3FFI	LB7ZG	W1EBM	PY3VB
JA4MMO	IW9DNI	N5WA	W6FL	W0JMP
JG3RWX	JA1TD	NX2X	W7WZ	W5RDW
K2EK	K0CS	VK3TC	WA1NXC	W9MR
K2XB*	KC5LK	W4OWY	WF1H	W9WO
K9OW	KW9U	W4PGM	210	WT2P
NK7C	N2MEE	W5JMW	AD3C	YB2DX
SM5CBM	NU4I	WI7P	DJ7JC	YO3AIS
W4UFO	SV1IZY	213	G3WW	ZS2Y
WA3FRP	W0AIH*	9K2BM	JA2KSP	207
WB4DNL	WA9JWL	AH0U	JA3PRM	IW0BYL
	ZS1DX	DL4FAP	JR1CAD	JF3VEC
219	216	EA5RU	K4GO	K1ZJA
7J1ADJ	AB6CF	HB0WR	K5CR	K7LY
DK3BK	DK4TP	IK1UGX	K5LY	K7VC
DL4DW	I0LYO	JA6ENL	K8SL	N9SF
HA5CW	IW5AB	JJ1BDX	KK8MM	NV4B
I7LGM	JE2EBT	NA4MM	KP3V*	ON6YH
JA1OVD	JE2UFF	OH3FVP	KW4J	W8MIL
K6ZP	JM1JIV	SP7CVW	W4PG	W9GG
K7HC	KA6BIM	W1DYJ	W9KVR	WC0W
K7LAY	KR4BD	W1OP	W9NIO*	YB1TJ
K8MRT	N4DWK	W1ZK	WA3WZR	206
KK7YC	TG9NX	W4GP	WA4QMQ	DK3QM
N0JR	UT7KF	W6SHY	WQ1H	EC7B
N2ZA	VK3KE	W7PAQ	209	IK1IYU
ND7K	W1FA	WD8KND	AA5SH	IZ4AIB
NS3L	W3NS	212	AA8SW	JA9RT
RC2A	W4CCS	AG4Q	BX5AA	JH2AMN
SP5ES	W5SUM	HB9EXQ	IZ5MOQ	JR3TOE
SV8DOU	WB2ZAB	IZ0FUW	JH6WMJ	KC9K
UX5UO	215	JK1EBA	KN4JX	KN7K
W6TK	AD5WB	K8YE	KY5I	N4AA*
218	DF8FT	KF9UG	N3PS	RN3CT
AD0TR	I2YPY	LX1CW	N5ZC	W5DXQ
AE4AN	JA7FAS	NA6O	N9DR	W7QC*
CU3HN	JM1SZY	ND3L	W3HER	WB4CW
JA2MNB	K5QX	S50B	WB6AXD	205
K4WZ	KD4SN	W4PGC	WG0G	JA4FKO
K6LRN	KG4CUY	WY1G	208	JE4CIL
K9OT	N7WS	211	AE9DX	JG1LRE
KE6V	SM0BYD	DF3EC	AK5Q	JL6USD
KG6D	WA3SKQ	HL3ERJ	CT2GZE	K3SF
KO6KD	ZL2AO	JA1UOA	EA4UV	K5UZ
N6VNI	214	JH2VVH	JA4GXS	KJ4UZU
VA2LC	AA4NC	JR2PZX	JH7WQX	KO8SCA
W5WP	DL1SVA	K0PC	JJ1KXB	N1NU
W8SAX	E70T	K2PF*	JR3QHQ	N6DVR
WA3GNW	HB9CQL	K4MV	K0KP	N8NA
YB0DJ	IK0XIH	K8ZZU	K6NR	PY2SEX

R0QA	202	ON6ZV	N4MIK	194
S53MJ	AG6HE	UA9MC	N4TD	JA8ANQ
W7SX	DK3HV	VE6PL	N8HRZ	JH1SOD
WA0SXV	DL5MHQ	W4WN	OH2LHE	JK1DDG
WA0WWW	EA5KA	W7LEA	SM3PHM	K9EXY
WA4NUF	JA0GCI	ZL2LW	VA3NXM	KK4CB
WC2K	JK1JAS	ZS6C*	W0IKD	KQ5M
WD5BJT	K2TER		W1ASB	KU1T
	KF7NN	199	W4LIA	N5HC
204	N7VPN	AA4LR	W4NBS	SM0EUI
AA5TL	ON4LG	DL2JIM	WB2HJV	UA4PK
I1YDT	SA3CAT	HB9EBM	WB4SON	W1OK
JE3FOR	SP3EPG	HB9HIT	WS4H	W1XV
JF1KML	W1AO	K1TKL		W3MRL
JH1RVQ	W1MJB	K3GGN	196	W7QHE
JP1LRT	W4AEJ	K5DCW	AA5N	WA9MAG
K0SON		K6GFJ	DF1IR	XE2YWH
K4BBH	201	KB0EL	EA1AZ	
K8SMC*	E20YLM	KK9M	EA2AFV	193
KC2SST	E77S	N4ZY*	EA3HDZ	4X6KJ
KF5WCP	HB9HBZ	N9LEO	IU0ICA	EI6AL
N6EM	JA0ED	NA2U	K8CQ*	JA1VRY
OE1HHB	JA0JPD	PT2ADM	KI2D	JH1IZR
OE3JAG	JA3EEM	TF3Y	KL0S	K6DLB
RX3BP	JE3WQU	W1LY	KM8AM	LZ2XF
SP7QHR	JE4RAL	W4DVG	KP4DKE	N0STL
UN7BK	JP1GUW	W4MA	N4MEC	N5TF
W3ML	JQ1YIW	WB9IWN	N7TM	N6JOJ
W5FL	K6CF	XE1MW	NE5S	N8VV
W9PDS	K8WHA		SV8RX	NN5E
WA2VQV	KD4POJ	198	VU3CAU	R3IS
WE1P	KI7M	DM3CW	W0QC	W0PE
XE1R	LA2IR	EA4D	W1CDC	W4HY
ZL3PAH	LA5LT	G6NHU	W4DSM	WA7BNG
	N8IL	HA5BSW	WB5STU	WB7QXU
	NP3CW	HB9AGO	YO3IPR	
203	SM5CAK	HB9VAB		192
7K3QPL	W0DD	I8HAK	195	7M4CLF
EI2JD	W2CDO	JA0LFV	9H1EJ	EA5HM
IK0WRB	W2WC	K7QBO	AC5AA	EI4HH
IZ2EWR	W5SV	LA4JGA	AG5CN	F4DSE
JH8LEY	W8LR	LA8ZAA	DL6DCD	HK6K
JH9AUB	W9CSX	N7RD	HK3PJ	HL1VAU
K5VR	W9LN	UT7EC	JA3BKP	JA8EIA
K7CU	WB2WPM	VE3YXO	JG6MQI	JI1CYX
KA9OKH	XE1FAS	W8JA	JJ0LZQ	K2RET
KB7QFE		WB8BZK	JR3ADB	KM4HQE
LZ2ZG	200	WV9L	K8ROK	LA7QI
M0HIH	AA8KY	ZL3RJ	KA5VFU	LB5GI
NJ7G	EI5KO		N0AMI	N7KDT
ON5GQ	JR1QLM	197	N5UE	N9IO
OV5O	K0NV	3A2MW	SM2DMU	PT7CB
VR2CH	K3SUI	HL4CCM	W1ITU	R9JX
W4RQ	K6VVK	JG1JPE	W5QP*	SM6CLU
W8LIG	KA1API	K1RH	WK9U	UA1OM
W9HZ	LA9GX	KJ4YLO	YO3DDZ	W2NY
WA4DOU	N0TR	KZ5DX		W5LO
YB1TQL				

W6OUL
W7IUO
WA6EZV
WY0V
WZ4RC
XE1YD

191

4X6UU
AA4UC
EA5GXI
IT9ODQ
JA6CMQ
JH1AWJ
JL3DGI
K0YL
K2WJ
KD3HN
KJ7NO
N0YO
N4HN
NU4B
TF3JB
UA9AGX
VU3WEW
W1DXH
W7KKC
WA1EHK
WB1DX
YB2TS
ZS6UT

190

DL2RD
F6KOP
HB9FBG
HL4CBX
JH1AQN
KN4FO
N1QY
NJ6K
OE1JIS
RL3BZ
W3BNN
W4LEW
WY4I

189

9H1AE
AA7XT
AI9U
K6UXO
K9TRV
KB7AK
KE4FW
KM4NS
M0IFT

N4QM
N7WI
NA2R
R9MJ
SV2CLJ
WD4OIN
WV4V

188

BG8PA
EA2AGV
EI7GY
G3XLF
IZ1JLN
JA5XPD
JA6JYM
JI1MNT
K0LB
K6EGF
K7STO
KF2OG
KK4CLY
LZ1XL
N4BAF
N6XT
PY4AZ
RA9SC
W5TUF

187

AF3X
AJ8B
CT1HHP
DM6MA
E11DG
IZ2MHT
JA4RED
K1AJ
K3XO
K8ARY
KB3IFH
KN7Y
KT8D
W4AO
W7IMU
WA8RCK
WX0Z

186

A61BK
AB2E
DL6NW
EW4C
F4FLF
IU8IYE
JA0AVS
JA3MIO

JP1GVC
K2DF
K2RNY
K2TV
K9RT
KD2SC
KS0M
N2ZL
NU1T
OZ6TL
TF3VS
VU2MSA
W4HOG
W6HB
W8MSP*
WR7Q

185

DL4ZAB
JA2BUR
K1VI
K7LFY
K9MMS
KC9G
W0ANZ

184

AA4OC
G4VWI
HB9ECS
HB9GWJ
JF1KIG
K0KV
K0MD
K2MK
K3HW
K4JLD
K4RDU
K9UWY
KB2XJ
KB9AIT
KI7HO
KP4DS
KP4N
KZ2R
MU0GSY
N7JB
NF7D
SV8CKM
WB9ZNV
WF8R
ZS6IR

183

AC4BT
AD5MD
DK3FB

HB9HVG
IZ7GIT
K3VPZ
K4QD
KB1W
KJ4R
N4XXM
N6KK
N9XX
NI7F
NO9E
UA9FFV
W4NE
WW8RT

182

AB9KZ
AC4TO
HP2NG
JA1DCO
JH6RTO
JI1UHZ
JR0GXA
KO4PY
LU4FW
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W0IEA
W4CIR
W6GJB
W6IS
W9GM
WA4MIT
WB8RFB
ZS1EL

181

DF2WF
DL2AMD
DL7BO
GM1BSG
JA0GZZ
JA1PUK
JH0AKV
JL3RNZ
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NE0U
PP7LL
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VR2MY
XE2MX
YB1RUS

180

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K8MVZ
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KE2M
N1BCL*
N8AYY
SV1BYI
WA6QGH

179

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K5EWS
KR0O
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NS4F
UA4SKW
W1MR
W1PY
W8QXR
W9BS
WN7J

178

AD6DK
CT1ESO
DS2BGV
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JA4DNC
JE3PCP
JH3EQP
JH3FCF
K2JK
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K9YZ
KE3X
LA7EIA
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NX8Y
NY1V

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WB4YDL	AA3TH	172	ON5EQ	NC7B
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	DK2GP	CT1AUO	PY2OP	PY8WW
177	EI8GS	E29TGW	R3BB	SM5AFU
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EA4S	JA6FEG	JA3AOP	ZS5LEE	WY2U
G4AFJ	K4HEB	JA7MWC		XE1ILI
HZ1GW	KI4TZ	JH6PFY	169	
IK4TVP	KU8X	JM3GXU	AJ4IM	167
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K0COM	XE2B	N0CKC	JE7KCI	KU9S
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K4DET	174	PY2ADR	JN1RFY	N9BVA
K4OP	DL5MM	RA5C	JR2PAU	PF1MO
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VU2DCC	JA0BES	WA5CMI*	NI8Z	UR9IDX
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	KM4A	CU2CE	VK5CE	WR2G
176	OM2AGN	GW0ANA	W1TO	
5T5PA	W5VU	JA1IAW	W3WH	166
DK8IZ	W6SIY	JA3UOQ	W5WLA	7Z1HL
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EA1AHA	WM4AA	K1GND	WC4B	DD9WG
IN3FCK	YB0EIN	K4RM		DL8DWL
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JH1SBE		K9KDS	AI4QQ	JI3BFC
JS6QOM	173	KK7BR	DK3TL	JK1BIB
K1FE	5P5Q	LU2JCW	DL5KUT	K2FJ
K3GT	9A1R	W2CQ	DS4DBF	K2OP
KA4H	DL7AA	W4CMM	F5EOT	K6TAR
KC5RR	EW4A	YO2DFA	IZ5BYJ	NK7Z
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N2KI	K3DFL	170	JR0RBY	TG9AJR
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N9PGG	KM2E	G3LAS*	K1QN	VA3EJN
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WA4TMJ	W1LE	JR6GV	KB4KBS	XE1EE
WA4USA	W3DIY	K4TXJ	KB8DID	
WA8LRW	W4MOT	KD1AB	KC4HN	165
WB0N	WA5PFJ	KJ6Y	KE8G	DL9SAD

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KF4IFF	NY4G	IW4EII	W4BH	JH8UGL
KK4XL	RA3SD	JA1EYN	W6PG	K3DQB
KM4VI	RW6MBC	JE2SOY	WX2CX	K3KY
N4ST	VU3RGB	JM1CMA	ZS1C	K6RI
NN3V	W0OGH	K3MI*		K7PO
NT9F	W6DOE	K7FL	157	KD2GC
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WW3A	JG1GJH	W1ZS	K9IA	WA7HQD
	JH1ORA	W4ASE	KB5CSQ	WA8Y
164	JR7ILA	W5AAJ	KD5R	WB3AVD
AB7RW	K0SRL	W9UM	KD5RBU	YB2TJV
DD0VU	KA3GWD	WC4V	KG6WIK	
DL5ZB	LA1J	WM9Q	KM4CQG	154
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G3VQO	OZ6EI		N2XQM	DU1KT
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JF7NNI		JF3AHI	VE3VHH	K2CDJ
JR1KBJ	161	JF7RJM	YB9AY	K4IE
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K7PT	IC8XIL	K2SY		K8CR
KA5IAU	IZ2CSX	K5SES	156	M3DFW
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PY2FUL	JE7OEC	N4UW	FM5FJ	TF2LL
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TA1PB	JH1BHW	UA0SC	G4ZWY	W4GH
VK3MB	K3JM	W5BK	IW1PUR	W6RFF
VU2AE	K3LA	WA7HR	J68HZ	WM5H
W4GHW	KE9UA		JA1GLE	
W5GOL	KL7KK	158	KC9WPS	153
W9EBO	KU2A	AK1P	KE4KMG	AA5H
WB8EKG	N1ZZ	EA5LV	N4UP	AA9WO
	VK6OZ	EA8TZ	N6MM	EI5JL
163	WA3UTC	EI3CTB	PV8ABC	G8GHD
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JT1CO	YB1BML	IK6BMU	W4JDS	K4NKT

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KF3N	AC8L	KC2RDW		W8WV
M0MVCV	CU7AJ	N4DJT	145	WA2MUA
NY7T	G0OSK	SM0XG	EA1MV	
ON4EB	JA1CPN	SM3DXC	HB9MXY	142
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RA3CO	JR4VEV	W7FI	JE7BUH	EI2II
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VE7YY	K4TR		KB1AWM	HS1JZT
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151	JH1HRJ	7J1ABD	W5UQ	JE1GLP
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IZ0CKJ	KA7CVJ	AD0K		KN9N
IZ0FYW	KH6XT	AE4VJ	143	N5TU
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NR5O	148	K0ASA	K6LPO	W3IZ
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RV4LC	AD9DX	KA1BQP	KZ1X	W5HNC
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	AK6I	NT5EE	N9RE	W9FML
	ER0FEO	PA3AIN	OH1TSM	WA4UWD

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JG1RYQ	KM2O	OE9DGV	W9GFB	AE1T
JK1OTP	KM5VI	PA5X	133	AE5FM
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K3WGR	N1FOJ	VK2GR	HC1E	G5CL
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N7FF	N7UJJ	W2RQ	K6EV	JA3KWZ
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IZ7QFN	WD1M	WB9W	123	WB6PIH
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W1HQ	K7VL	KP4ED	KH6P	K3UW
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K4AVO	DL9CP	HC2PY	122	HB9GZE
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K8ZEE	JH3IOY	KB8ZUN	JH9FCP	K6SY
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	YU1LD	W6EKR	KA5JSM	WA8IWK
		W7GB	KD2CYU	WB4CTX
118	116	WA3HR	KE1IU	WT9U
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AK3E	EA4E	WA8KNE	KY6J	
DJ0CL	G3LOJ	WB2JFP	MM0INH	111
DJ5FZ	IW7DMH	WB2MKX	N1AH	AB3TM
IZ4GOL	JF1WRV	WB8YTZ	OM4KW	AC8AZ
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K3UT	K4LCP	2E0XAR	VU2JXL	HB9MZI
K5KDX	K5PBR	AF6O	W4AFB	IZ4COT
K6JAD	KG2U	AI5EG	W4LEW*	JA1DHY
KD2UF	KG4IYS	DK1MCS	W5MF	JA3DLE
KD4EUH	KI8AE	DL2NAI	W8ZR	K0XM
KK5ID	KJ6YK	EI8JX	WB4PWZ	K4HR
KW1X	N4LS	HB9WDF	YE1AR	K4JDJ
N0OK	N9AZZ	IK2SYK		KT5V
N5QZ	N9ETH	JS1LQI	112	N0MHL
N8AID	NZ6N	K1TWF	AC8MR	NM4SH
NC6RJ	S51DV	K2KYH	DL4FDM	SP7ASZ
NG0G	SA7CJO	K3XC	G4WGE	TA1HZ
UA1TGQ	VE3KKB	KC2NJ	JJ3OFL	UX5XK
VA1SEA	W0QL	KZ4EX	JQ3TAN	VU3DJQ
W2MPK	W4SKW	LB8CA	K0FTC	W9CLA
W2RS*	W4WCD	N1KM	K0PX	WA8COB
W4/KL7GLL	W6JJW	N4WMB	K0RAR	WX0B
W5EC	WB9AZA	N8LAS	K4AAP	WZ9B
W7JET				

ZL3RIK	N9OI	EA1FF	KI4PG	104
110	NG4C	F5PBL	LA4DM	AC7DX
AJ6V	NJ9Q	FM4LV	N0IN	AF6WU
DL3XAC	PG2AA	G6MXL	N2MN	AF7WM
DL6LZM	RU9F	IK8TEM	N3CAL	AG5ND
EA1BLA	RW3QHN	IT9ZEO	N8NIJ	AP2IA
EA1NO	VA3VF	JA0IJG	NA4D	DS5KJR
F6JSZ	VE7SO	JA2DCN	W0QKL	EA1AA
G3LPS	W0ZY	JA4JSL	W2TX	F4HAB
G4LFU	W3WN	JA5JUG	W3TZ	F6FHZ
JA1CCH	W4CRN	K2CQW	W4DFU	G4GEE
J15WDC	W4WB	K2KNB	W4OEP	HB9CXK
K9GL	W5DP	K6BY	W5TMC	IK2HLM
K9KJ	W9GWP	KB9S	WA7VHT	IS0BQE
KC9IKB	W9IAL	KR4Q	105	JA1IHD
KF6I	W9LYN	KV3W	7Z1SJ	JA1QFX
LA3ANA	WB2UFF	N0TNJ	AA4EA	JA3FRI
N0ATQ	WD0AJG	N1CNG	AF8C	JA3VUI
N1XL	WN9A	N3PW	AI4EY	JG1XBM
N4JJS	WZ9W	N4RT	EA5DPL	JK3NSD
N5LKE	108	N6AJR	EA5WP	JP1RLN
N7WFK	AB6WQ	N6UOZ	EI4DQ	K4QS
ND0B	AF8P	NN5O	EI5FQB	KA0IQT
NT6AA	BV6CC	NS0D	EI8IQ	KA4AHU
SM6LPG	DJ5AM	OZ5D	F6BZT	KA9JAC
TA3J	DL7UHD	R2AB	GI4OWA	KJ5RC
VA2GA	EI3GV	TF3MH	JA0NZR	KK6VGE
W2PS	G3YBY	VA2EU	JA1QOQ	LX2KD
W4EY	G4NBS	W0LGG	JH1JNR	LZ1JZ
W7WT	IT9BLB	W0VU	JN4SNG	N4IR
W8YV	JH3AEF	W4WNT	K1MDA	N8WXQ
WA0CIE	K0CCM	W5GCX	K1RY	NK7L
WB2BXO	K4LQ	WB1S	K4ZMV	NP4AA
WB4EVH	K5HW	WX7B	K5TU	R7LA
WV1K	K5JUC	YB8HZ	K5WE	R9GM
109	K5WRE	YO2OXD	K7ADD	TG9AWS
9H1AZ	K7WTG	106	KD2RUY	W4GKR
DB2WD	KA2F	5W1SA	KD4BPZ	W6GEE
G0DTX	KI5QQG	AA7DK	KF5ER	W7HJ
HG6IA	LA2XNA	DB4RG	KF5TL	WA2HIP
IU8LMC	N3ER	DC1TK	KH6CQH	WA2NBG
JA3MAT	N7WR	F6ARS	KJ2AM	WA3PAK
JG2NXV	N8KOJ	FM1AG	M5LRO	WB4HMA
JJ2BLV	N9MKC	HI7SB	N1TQ	WB9M
K3GO	SV3RKM	IK2HKN	N4MWY	YO6BHN
K4TMG	TF3DT	IZ0SPA	N7TP	ZP9CTS
K5GZR	WA1LAD	JA1GQC	N8TT	103
K5ZD	WJ8Y	JA2RP	N9APK	AA8DC
KD0KZE	WU6K	JJ1VRO	NR5R	AB8OU
KD8DEU	YB1SKR	K0YA	SO5AS	AF9W
KE0GHU	107	K1RE	W9IE	C93PA
KG4OJT	AA2WC	K2AMI	WB8LEM	DJ4LR
KU4A	DL5KLX	K3NO	YB6LAY	DL6ZNG
LU3XX	DL7LX	K4FW	ZL1IM	DM5TI
N6RVI	DL9QJ	K5PSN	ZS6AKU	G4NAQ
		KC3OPI		G8GFF

HI8S	K6XJ	KG5NP	JA2KPW	VE2ACP
HS1FVL	KA3CZY	LA8FNA	JG3LDD	VE3GFN
IS0BZR	KC1UX	N4HUF	JI1MPS	VE3NJC
IU0HXY	KI4SFT	N4PHH	JJ1HHJ	VE3NLS
JA5ALE	KJ7KOJ	N6DW	JJ1SZA	VE7GEL
JG1LFF	N1KI	N8OYY	JJ1VFE	VK2IS
JG5VFK	N4DIA	NM2D	JK1CEK	VR2UNG
JR1WCS	N4DOU	ON5BVB	JL1JJD	W1AVK
K0MU	N4QOG	PC5F	JQ6NNK	W2ECK
KB2FMH	N9ITB	PT2DF	JR2CCH	W2MW
KC8RPV	N9NBC	UX4UM	K1PU	W3JM
KJ4SKO	NZ1I	VA2SS	K2ITT	W3TC
KY6AA	RZ6MJ	VE3ZN	K3TXW	W4CG
M0PTZ	SQ9DXT	VE7DAY	K4DXT	W4ETB
N2BT	T88UW	VK7AP	K4KYN	W4MIG
N2XTT	TG9AKH	W0PPA	K6BLG	W4MOS
N2YCH	VE3AXW	W1GF	K8DTF	W4VAB
N4CBS	W0RMS	W4PM	K8VE	W6VWV
N4PF	W3UTD	W4VZH	K9EA	W7SMW
N9KQQ	W4QJ	W4YR	K9MQ	W8BFT
OZ5JQ	W7AUM	W6DQ	KA1CTL	WA2FAA
OZ5VO	W7DGP	W6KF	KA5OWI	WA2VJL
PA0QRB	W7FS	W8QW	KB5YN	WA4GPM
SM4FYX	WM4R	W9ZT	KB7ZUT	WB0RXQ
VA3WEB	WU1T	WA1UZO	KC3RKW	WB2VLM
W4CU	WU9D	WA4RYW	KC8YG	WF7T
W5TZX	WV4Y	WB5HJV	KD1DT	WI0E
W7DEG	WW5RC	WB6CJT	KE1AU	YB0KTT
W8FAX		WB9AIS	KE8NOA	YB1BUL
WA4IXW	101	WD4OHD	KF5BA	YB3LZ
WB3EVL	A41MK	WL7OU	KF9LI	YB8BRI
WB8PKK	A41ZZ	WS4WW	KI3F	
WB9MSM	AA6E	YO2ADQ	KK6MF	
WD8KRV	DK7GH		KL7QW	
WQ5O	DL1MEV	100	KS0JD	
ZS6CR	DL4KUG	5H8HZ	LA6JKA	
	DL5JH	AA9D	N0JX	
102	EC1AE	AC0DH	N2EI	
AA1SU	F4FPR	AC8IL	N2QLT	
AD4J	IZ3GJL	AC9DX	N3NVA	
DB6VH	JA1KZP	AE6RR	N4WD	
DH4RL	JA7HYE	AL7GA*	N5LJL	
EA8AAH	JE0EHE	CT3EE*	N5YJZ	
F1OBJ	JF1AZQ	DG7YEO	N6AKI	
G4LRG	JF1UOW	EA3DNC	N8ZFM	
IU2LFP	JF2UZW	EI2HZB	N9PWM	
IW0ECV	JH3GBS	EI5EV	NJ9C	
JA0BXP	JM6NVD	EI6DTB	NW2I	
JA5GOJ	K3JMH	EW4DX	NX6D	
JI8BRZ	K5DXR	F5JWH	OE7BJT	
JJ1QJP	K6DEX	G0GFC	PY1NS	
JP1KHY	K7IA	G4HUN	PY4OG	
K0OOK	K9ZG	G8GNI	R3LC	
K4NLL	KB4FB	G8JUS	SM6STI	
K4RSA	KC3NIE	IK7NXU	SP2BUW*	
K5HX	KD4QMY	IS0HXK	SP9FWQ	
K6WY	KG4TEI	JA1CCG	SV1EOS	