

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 05 Apr 2025, 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.

348 K2TQC SP5EWY	342 JR2KDN K4DY K5UR KF2O N6AR	338 G4BWP I4LCK JA3FYC K9NU PY4OY SM3NRY W1DIG W7UT	JH4UYB K8SIX N0XA N5UR OE3GCU OE6IMD OK3GU R7LV SP3EPK SP8AJK W0MHK WD5COV WK3N	I4AVG JA1HGY JA2KVD JR3IIR K3UA K6YRA N4AH PY2BW PY2SP SM5CEU SM6CVX W9RPM WB9Z	EY8MM IK8HJC JG3QZN K4MWB LA5IIA LZ2DF PY5HOT SP3E UT5UGR W4DKS W5OZI W8UVZ WB6RSE
347 K4CIA K8MFO N4WW W1JR W4DR	341 4X4DK DJ6RX DJ9KG G3KMA JH4IFF N2TK N4CC NN4T OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ DL4MCF K1ST W0BV W2LO W2YC W3LPL W9IXX	334 AA1QD DJ9ZB EA4KD EA6SX F6EXV G3XTT JA0EOK JA2FBY JQ3DUE K4XO K4XP N4XM N8DJX SM5AQD SP2FAX UA6A W1YY W4PK	332 AA7A DF3GY DF4PL EA5RM F6DAY GM3YTS HB9BGV HB9BZA IK4DRY IK5HHA JA0UUA JA4DLP JL1UXH K0IEA K1OA N2LT NJ6P UA4HBW UT7QF W5BPT W5ZN	330 AA1ON DJ2YA DL1AMQ EI7BA F6BKI HB9AMO I4MKN IK4BHO IK6DLK JA1ADN JA3EMU K3WC K4CN K4ZYU K9CT KD5M N4JF N8JV N9IW NR1R OK1MP* RA3CQ VE3FF YO5BRZ
346 N1DG SM3EVR W9ZR		336 JA1WPX JA2JPA K2FF K4HGX K5RK N3XX N5ZM PE5T VE3XN			
345 HA0DU JA2VPO OH1XX					
344 K4PI OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 AA1V EA8AK JA4DND K4UTE N0AT SP5CJQ				
343 DF3CB K3FN K4MQG N4MM VA3DX W3UR	339 CT1EEB IK1GPG JA1UQP JA5EXW N4CH N8DX	335 AG9S G0JHC JA1BK JA4LKB JA5AQC JA5AUC JA5MHD	333 DJ8NK F6AOJ G4OBK HA5WA		

YU1FW	J18DGO	324	K7NN	W3KX	N4QS
329	KW9A	DK9KX	KA9CFD	W6XA	OE1WEU
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IV3JVJ	RZ3AM	G4CCZ	N4NX		W6VX
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JA7KY	SM5CZQ	IK5PWQ	ON4CD	AA4V	
JA7MSQ	SP6M	JA2BDR	PA3EWP	DJ4AX	316
JE2URF	SP9DWT	JA2DPC	R7DX	DK1FW	DL5WW
JH1GZE	SV1RK	JH0INP	SM5KNV	EA8AKN	G0OIL
K0EU	326	JR3GWZ	UA4CC	IK4DRR	IK2QPR
K1HTV	EA5BY	JR3OEH	VE1DX	JH1RFR	JA8EAT
N5AW	JA9APS	K5KC	W5CIA	J11DHY	K3WA
NI0G	JF1WPB	N1NK	W5TCX	JR7VHZ	K4EM
NO8D	K5EK	N8BM	W18A	K5MC	K4HB
OZ1CTK	K8PT	NK1K	321	K6AM	K8YTO
R4GM	LU2NI	OE8HIK	AD1C	N4DB	K9MM
SP6CIK	N7RT	R3OK	G3TXF	ON4AOI	KG8P
SP7GAQ	OZ1AXG	VE2TZT	HB9BIN	UA3AP	KQ8M
SP8NR	SP5DIR	W3LL	IK2YCW	W5WT	N5DG
W0DJC	W8DCH	W9OL	JA0GJJ	318	RV3LO
W5XX	YO9HP	WB4TDH	JA1XEC	A45XR	SP1JRF
WA1JMP			JA3AZD	AA4HP	UA3DPM
	325	323	JH1IFS	AA8CH	W1GL
328	EU7A	AD5A	JH3CUL	DL6KR	W7MO
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DL7MAE	I5NPH	GM0GAV	JH4ADV	HB0CC	WA2VYA
IZ5EKV	IZ0AEG	JF1KKV	K2VV	JA2JNA	YB5QZ
JA1SJV	JA2FJP	JJ3PRT	K6FG	JH4JNG	YO7LCB
JA6BZI	JA5WIZ	K9IR	KV7K	K2TE	315
J14POR	JE1SYN	K9YY	LA7HJA	K4IQJ	9H1SP
K4QL	JF1PUW	KF0QR	N4PQX	K5BG	AB3CV
PY5EG	JF3KON	N5TY	N5XZ	K5DU	AB6QM
RU3FM	JF7XKY	N8RR	OE6MDF	KX4R	DJ5FI
SL0ZG	JH8RZJ	NY0V	OE8RT	LA2PA	G3VKW
W1ECT	JS2LHI	OH2BLD	SM6DHU	PY5EW	HK3W
W2IRT	K0DEQ	SM4DHF	SV1FJA	R3VA	JA1ANR
W4UM	K9EU	UA3AB	UT7UJ	RA7A	JA8RJE
W5FKX	N3NT	W3NO	W4FC	RW3RN	JA9CWJ
	OE2LCM	W7AO	W8GC	VE3LYC	JN3SAC
327	ON4IQ	W8OI	320	YO3APJ	JR2BJE
AB4IQ	R5AJ		DF2RG	317	K1BD
CT1APE	SM4EMO	322	DM5EE	AB9V	K8NVR
CT1IUA	SM6CCO	CT1BH	FK8CP	DK2NG	N5OK
DK5WL	SM6CMU	EA2IA	I2EOW	HB9HFN	NE1B
DL2OE	SP1S	F5PAC	JA3PIS	JA2IVK	OE3EVA
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EA5BM	W1RM	IK8YTA	N4II	K2RW	PY2NQ
I4EWH	W6RLL	JA4FKX	SP7VC	K6YUI	SM3VAC
JE2LUN	W9OP	JJ2LPV	UY5ZZ	KE9L	314
JH1TWT		JR2LJO	VE3EXY	N2BJ	CT1DKS
J12KXK		K2UO			

CT4NH	JA1XCZ	K1AR	NI6T	N9RS	JG8FWH
DL6CNG	JA7QVI	K8QM	SP9JZU	UY5AA	JK1GOK
EA6VQ	JH1AGU	K9ZO	W7OM	W7DO	K4SE
G3NDC	JH1QAX	NN4SS	WA5VGI	WE9R	PY7DJ
HA1RB	JR1BAS	NU8Z		ZL3JT	RN3QN
IZ8FFA	K1HT	R9TO	306		SV2AEL
JA2AH	LA7JO	RU3DX	DL1KUR	303	US5WE
JA2ZL	N1IBM	RX3AGD	DL5EBE	E72U	WB5JID
JR4OZR	N5ORT	SM2OAN	HB9DDZ	EA3GHZ	
JR9LKE	RU3QR	UA4LY	IK4PLW	G3LZQ	300
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K5AQ	W7CT		K5WAF	HL3IUA	AC0A
KB0EO	W8HW	308	N4TL	HL4CJG	DL1TRK
KC9ARR	W9RN	DL2CHN	OE5RLM	IK2RPE	EA1AF
LA7AFA	WB8BPU	HK4SAN	R8TX	IK4ADE	EI2GLB
MD0CCE		IU7QBB	R9FM	K7WP	IZ5RVG
OE1AZS	311	IZ2AMW	UN7JX	K7ZA	JA1SVP
OE1ZL	IK0PEA	JA1IZZ	W5ADD	K9MK	JA9AA
SM4DDE	JA2XYO	JA7IC		K9US	K3XA
SV1DPI	JA4MRL	JA9TWN	305	KB1JZU	K8GG
SV1JG	JA5XAE	JG4AKL	DJ4XA	RL3FA	K8TL
UA6MF	JR6FC	JH1SJN	JA1IOA	RW4NN	K8VJV
UT9FJ	KM4H	JL1RUC	JA1VSL	SM6CUK	MM0EAX
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YU3AA	PY2XU	K2UU	JA9GPG	SP3IBS	UR5EDX
	SV2DGH	K8OM	JE6TSP	SP7HOV	W3OA
313	UR0MC	KN5O	JH7RXU	SP7ITB	W5VY
5B4MF	WB9CIF	KS1J	JR2UBS	W1SKU	W6TC
AA5AT	WD0DAN	OE3SGU	K0JUH	WT8C	W9AJ
AC4G		R7NW	KD3CQ		
CT1GFK	310	VA5DX	KG4W	302	299
EA7TV	JA0CRI	VU2NKS	N9AU*	DJ5JH	CT1FMX
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K6KLY	SP6HEQ	G0BLB	304	W4QN	UA9FAR
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NN4R	WB0TEV	JA2WYN	HB9CEX	301	
SP3CGK	WD9DZV	JA2XW	JA2NDQ	AE5E	298
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	309	JJ3HGJ	K8GI	IZ1LBG	G5LP
312	AA5AM	K2SHZ	KC7V	JA0DIN	HB9BOI
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JR7WFC	K5ZK	K7ZD	289	W8AV	JH3SIF
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K8EUR	RM0F	N8II	AJ6T		N4LR
ND0N	SM5FUG	R6AF	AJ9C	286	OE2GEN
PY2VA	SP8HKT	SP5IWA	DL9TJ	AA8R	SM0CCM
ZL1BYZ	SV1GYG	W4VIC	EA6ET	AB5A	SM6CTQ
	VU2PTT	W6SR	JA3EOP	CT3HF	W2AY
297	W2GG		JA8EJO	DL2VPO	W4FQT
DL4CF	W5LT	291	JA9FAI	DS1JFY	W5ODD
E73Y	W6XK	GOEHO	JA9FPI	HB9RYZ	W8BBQ
HB9CQK		IK0HFO	JA9IFF	HL3GOB	
JA3RQ	294	IT9CVO	JG1WSC	IK0AGU	283
JE7JDL	AI9L	JA1FQI	JH4GJR	IK0XBX	DF2GH
JE8CLT	CT1FCX	JA3ENN	K4XD	IZ8XQC	JA1RTX
K4MS	EA6NB	JH1BAM	KK0M	JA2FGL	JE3ENP
K6ND	HA9PP	K0BBC	N2NL	JF2WGN	JG3FEA
K8WK	JA5SUD	K0TPP	R0FA	K1GG	JL1XMN
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KG7H	JJ1DWT	KP2A	VE3EK	K1RO	K9NW
KT1J	JR1DUP	LA5HE	W9YSX	K5PS	KJ6P
W6YI	K7ZV	N2TN		LU8EKC	OE8SPW
	KZ4V	N7IR	288	N8SNM	W1LW
296	N0KV	N7RO	IZ0RVI	UR5WA	W6BJH
AA8OY	OE5BWN	VE3CFK	JA2JRG	VE1JBC	W8TN
CT1DOF	RU6L	W7BEM	N6UK	W3GQ	
EV1R	SV3DCX	W9FR	NA5C	W6PJ	282
GM0AXY	W3JX	ZL4TT	ON6AA	W8AXI	K1DT
JA7LGE		ZS2DL	PY2KP		K1USA
K6FW	293		S57AT	285	K5UO
K8VC	DL1HRN	290	UA3AGW	4X6ZK	K8ROX
KB8VAO	DL1SMA	AA4A	W1YIF	CU2DX	LZ2JE
LA8PT	EA3WD	EC3A	W2LE	DL2SWN	OH4UI
N0RB	IV3YYK	I4KDJ	W2NO	EA3GHQ	PC3T
RA3QK	JA2CXF	JA1KQX	ZS2EZ	HL2WA	RD3AW
SM6BZV	K4JAF	JA1QXC		IZ8DFO	SM4CTI
SV9COL	KD0Q	JE2DZC	287	JA2VMU	UA0BA
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YO2RR	WA4FFW	LA5LJA	IZ8FWN	N8LJ	AD5Q
	YO2CMI	LU3CQ	JA1XPQ	OE1WHC	BA4RF
295		PP1CZ	JA2ATE	PE1L	EA5OX
AA4R	292	SK3PY	JE2OVG	WK7E	F3AT
AD6W	DL5CW	SV3AQR	K0AZ		I1FQH
DL1DUO	E72A	UN7LZ	K3UL	284	IZ8FDH
IW0SAF	EA5AT	UN7TW	K5RT	DL6JZ	JA2IYJ
JA1BPA	G4GIR	W1EQ	KD0PO	EI9FBB	K0GD
JA1JAT	G8DX	W2LK	LA3MHA	GM3YOR	N2WB

N5GH	VE3CRG	274	W3AP	268	K2CBI
OZ1IKY	W8MHW	CT1FPQ	WA1S	7M4AOE	N3VA
SM5ENX	WF2S	EW1KP	ZS1A	HB9BUN	N5KM
W0LS		IW0HOU		JA1NWD	N9JV
W7ZJ	277	JA8ZO	271	JH4HMG	NU1B
W8KEN	EU1KY	JH1IAQ	4X1RU	K2KA	NV9L
WN6W	F5UJK	K3PT	HL4GAV	K6IPM	W6RS
XE1KK	JA8DNV	K6UM	IK2DZN	KD4W	WA0RVK
	JA8EOT	KA8SYV	IZ8EJB	LA0FA	
280	JH3KAI	KA8ZPE	JH1OCC	N2AJ	264
GM3PPE	K2AJY	KS3F	JM1HJG	N5JB	4Z1UF
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IZ3ENH	N5LZ	RA5BM	KB1EFS	W2FV	F6DBX
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JH4ALY	W9MJ	CT1BWU	W7MEM	267	K1CA
JR6LLN	WA3C	DH2PC		AA4FL	N1GC
JR7FRW	WT4Q	JA1KPH	270	HB9IQB	PA7TWO
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UT7UV	DK3WW	N4IG	CT3MD	JA8UIV	
VK3HJ	HB9LCW	NA5DX	DK8MCT	JH3FHQ	263
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	JA2XCR	RW7M	F9XL	K6BV	EA4DL
279	JA7FWR	W4HG	JM2RUV	KI5BLU	HA7UW
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JE8TGI	LA9VFA		K7UA	WB2BIN	JA6GPR
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OH1ZK	W2OIB	JH0BQX	W8HC	K8AJS	N7BT
VE3DZ	W4MAY	JH1OBS	WL7E	N6PSE	NF1G
W1OPD	W5GO	K1UU		PZ5RA	WA4LOX
W4UCK		K7EG	269	RA4CA	ZS6NJ
WO7R	275	K8BL	IK7FPV	SV1HEP	
	JA3XNH	KA1ERL	IK8EPC	W0FLS	262
278	JG1OGM	KI4GE	JA1OVF	W7YAQ	CU3EJ
9A4T	N2JJ	N2DPF	JA1VLK	W8MET	I5REA
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EI9JF	N8PW	ND4X	K0KT	WB3LHD	K8AV
F2NH	OH1JP	OE5FIN	N4UOZ		LA9FFA
JA8LRG	ON5UE	PA0ZH	NW7E	265	N3RC
K2UR	PA7RA	SV1ACK	OM4EX	4F2KWT	N6RV
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WB8ART	NI3P	K6EID	W6RW	UN3G	246
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	W1KDA	M0TTB	YB0COU	W7HPW	FG4NO
	W7AH	N1SV		W7IU	HL2EIZ
261		N9ISN	252		IV3KFB
DK3PZ	258	NA5Q	DL7UPN	249	JE1VTZ
G3UAS	CU3EQ	VK3NX	F1ICS	EA1RT	JK1WSH
IZ8IEV	DK7YY	W8JRK	G3KWK	HL2CFY	K2SN
JA3FHL	EA3EQT	WB7B	G3NKC	IZ8GGF	KB6CIO
JA4VLK	HL3AMO		GU0SUP	JA1EMQ	LA9GX
K2FW	IK4AUY	255	JA1BNW	JA8FFM	W1KMA
K7LJ	JA9AGN	AI6Z	JE1HRC	JH8GEU	W3ICM
KM1D	JR1WCT	EA5RD	JF3PNQ	K9NR	W5ZO
LA5SJA	K0TT	F6ECI	JH1ACA	KM6HB	W8OP
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SM7IUN	SA0AQT	IV3TMM	JL1BYZ	SM4OLL	AF5CC
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	W1SSN	JK1OPL	W2ZI	VE3YV	G3KMQ
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AA9A	ZL2IFB	K7XB	WV6E	W8IQ	JA3QOS
EA8MT		KR4F		W9RC	JJ6DGP
EA9IE	257	N1RK	251	XE2D	KF7PG
EC1AIJ	AF4HX	N5BO	9A4W		N0AH
FG5FR	DJ0UT	VR2XMT	DL2RTL	248	N2NW
JA2FBC	DL9FCY	VU2CPL	JA1DDZ	AK5X	NZ3O
JA3VPA	DS5ACV	W5JAY	JA1SKE	G3VPW	S55ZZ
JA3WLN	EA1JO	WS9V	JA5BGA	HB9DOT	YB0NFL
JH3FUK	EA7SG		K4VIG	HI8R	
K1ESE	EB3CW	254	K8CW	HL2KV	244
K6EME	IK2PZC	BA7IO	KG9Z	JE2VLG	IK8UHA
K8YSE	K1SM	CT1BWW	KJ7TEA	JJ1SKG	JA1CZI
K9FN	N1API	IZ5YHD	N4SC	KF7F	Ji6IHG
LY1G	N6HC	JF2WXS	N5UL	N4XP	JJ1QUV
N6MZ	PY2MC	JH1VUO	W2JLK	OZ1LCG	K0KG
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SK7AX	SV1VS	KI1U	W4SK	W8IW	K1KA
SP6JIU	W0JM	LA5YJ	W5GAI	WV9L	K1YR
SV1FJP	W5DM	NE8P	W6DE		KK1W
TG9NX	W8MJ	UA3O		247	N0RN
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WV8DX	256	JA6IVR	HA7TM	K3VAT	SP6A
	BH4QYX	JA8XQI	IK0UTM	KH6M	W0QQ

W4REX	IW3GJF	WB0TVY	JE1IBI	SM0XBI	229
W5PJR	JA1DM	ZL4AS	JH2VVH	W2NRA	AA3LX
WA2USA	JA2FSM		K0EEO	W6YOO	AE0P
WA3F	JH1APK	237	K0VSH	WA8MCD	AH0U
243	JN1NBU	CT1BOY	K4QE	WB2KSK	DL8SDC
CT3KN	KF0LA	G0VXE	K5CWR	WD8PKF	IK2GAJ
DS5TOS	N0ABA	HB9CXZ	K8ZM	WE4S	K0HD
G4XRV	S51NM	HB9JOE	N2FF		K3FM
JA1PBV	SP5LKJ	JF2OZH	N4IQ	232	K4CMS
JA2EPW	UX5UO	JH1DGQ	NA5Z	AC9EM	KD1F
JR5JAQ	W0SZ	JR0QFA	NW4M	EW4C	KI4DLS
K4ZO	W8WEJ	K1RV	TA1CM	G3XLF	KS4S
K8ME	WA4CEM	K2NV	W3MR	JH5HDA	N4NW
W1BR	WB8CQV	LB5WB	W7YW	JH6DUL	NE6I
W4PNY	XE1RBV	N4HID	W9FI	JR3VMJ	W1WC
	239	SM0MPV		K4ST	
242	AG1A	W6AER	234	K5FNQ	228
JA4ZA	DJ9RR	W8UN	DF7EE	NY2NY	7J1ADJ
JH1ERJ	I0JBL	WA0ROI	DK2CC	RK4FD	AA0MZ
JH1WJR	IZ1JMN	WB8B	HB9BYQ	RQ3A	F1RAF
JH4ADK	IZ2FOS	WB8ZRL	HS1NGR	SV8DOU	F5LIW
JJ2WOC	JA4HAW	WC3W	IK0LNN	W6CYX	GW4TSG
JK1VXE	JA6CBG	YO3JF	JA2OLJ	W9ZCL	HB9DQV
JR1MLU	JA7KE	236	JK1BSM		JF1RYU
JR7GBL	JA9NFO	HB9ZS	JR1VAY	231	JF1WLK
K3NQ	JE2UFF	JA1HOM	JR4LZX	AD5WB	JH0OXS
K4PB	JH1DGJ	JA1JYE	K1XV	DK6OR	JH2PWY
K7FEL	K2XF	JA3KNN	K4MF	HL2ZN	JH3GFA
KJ7M	K8YYY	JH1UBK	KE5FXE	IW7DVM	K4JC
N2NS	N8SHZ	JN1NOP	KE8UM	JA0KJD	K4KGG
N6HY	NF4A	K1ACL	KX2A	JA1MZL	KB1DMX
SV1IW	OE3KLU	KM3J	ND4V	JH0AWC	KE4UW
VK3BDX	OH7TV	N4GN	NV4B	K5IB	NH6T/W4
W8GNM	WA6JA	N6IE	OH2IS	KD6UO	RA3QUA
WB8K	WB4KTF	OE2BZL	W3WST	LZ2XF	VR2CH
		OZ7FOC	WA4JQS	NA4EA	
241	238	PA0TCA	WA5UA	SM7NDX	227
AB5C	G4FKA	VU2CDP	WX2U	W2DXE	AC9O
IS0AFM	HB9MFM	W0HBH		W4UDH	DL2RUM
JF6XQJ	JA0LXP	W2YR	233		EI2HY
JP1IOF	JE1PNX	W3FOX	AA9GR	230	HB9DVO
K3WWT	JF0JYR	W4GIW	AA9RR	G3LUW	I0MWI
K7KB	K9GA	W6DR	AJ4A	JA5NPV	JA0DWY
KV1E	K9OR	W9OO	DH0GSU	JA6AVT	JK1SQI
N4OA	KA4RRU	WA1PMA	DS3HWS	JI1VVB	K1GE
W5DNT	KF9UG	WY6N	EA4DEI	K3EA	K5GH
W5QM	M0CSD	YB2TX	EA5AR	KB9DAK	LU6ETB
	N4PJ		JH1SOD	KK9H	N1NU
240	N5ZC	235	K8BN	W2KA	N6OJ
7K1CPT	N9UA	EA7QW	K8EAB	W8FIB	SM3LGO
E21EIC	W4KA	EU1U	K9JU	W8WVM	W5SL
HB9EFK	WA4QMQ	G8AJM	N9BX	W9YE	WA9GON
			NE3F	WB2NPY	YL2KF

226	SM7BHH	220	SM7WVZ	W1JGS	W5DAW
DM2RM	SP6AXW	AA6RR	TZ4AM	W4IS	YL2TW
I0OSI	V51B	DL4DW	WA2NPD	W6SL	
JH1IED	VE3SKX	DL4LAM	WC4H	WC2K	211
K2BA	W7NN	EA5DFV		ZL2AL	AA8SW
K2RU	WB0O	EI9FVB	217	ZS2Y	JA3LDH
K4YJ	WN6K	IK1IYU	IK0CHU		JE2KSM
KK4OK		JA1OVD	JA2NMF	214	JJ1KZZ
N2KX	223	K1DJ	JA7ZP	DJ3AS	JO4JDU
N5ET	AB4UF	K1NTR	JG5RVQ	F4GVO	K4MV
N6BM	AF2C	K2TER	K0NV	HB9VAB	KT2C
N9AOL	EA5B	K4EU	KU8X	JN7DOS	N1BY
NG7M	EA7DUD	K4MIJ	N6QI	K0QQ	VR2XLN
VE7TK	I8MTQ	K5MT	OZ0J	K2AZ	WY1G
VK4CAG	IK2RZP	K6MM	W0TM	K5CD	
W9DX	IZ8MBW	K7AWB	W5GA	PY2RO	210
	K6IPV	K9WX	W5THT	SP7ICE	AA4LR
225	KI6CG	KV4T		W0KCJ	CU3AN
DK5RL	KW4V	KZ9DX	216	WB6BFG	JR2PZX
DS5DNO	N4ENE	N9PGG	CX2CC		KD4SN
EU1M	NA2AA	ON4ATW	DJ3XG	213	KD8RQE
JA0EVI	W5RF	PA3BWD	G4VMX	9A1AD	PY2WC
JA4CZM		SM0DSF	JA2VHO	AG3V	S54A
JF1MTV	222	UR4IOR	JH7WQX	DK3UA	W5WP
JH8NQV	AK5Q	XE2X	K7LV	EA2AFV	W6WF
JL3OUW	DJ9SO		KK4OW	HB9HIT	W7FP
K0OK	DL5XL	219	KR4W	IV3FFI	W9IL
K1JIU	E77S	F5JSD	KX4TT	JA1FVS	WK8A
K4JWA	IZ7AUH	HB9BNQ	LB6KC	JA3NHL	WW2DX
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MU0FAL	K2AT	IK5QPS	PS8ACL	JH1OGT	
N0ODK	K6ZZ	JA1FJJ	W0SR	JR1EFG	209
N2SQW	KB5UNX	K5JZ	W5VQ	K1NJ	JH8UQJ
N9SF	KS4YT	KD2T	W8LMG	K5ALQ	K0LB
NJ7G	RA4P	KE6V	W9MO	KK2M	K0VM
W5GZ	SV8CKM	KG6I	WB3D	N6PEQ	KB4MRX
W5LO	VE7BV	KI7AO	WS1L	N8GP	N4TD
W5TFW		KR6C		NA2M	N9XX
W8CZN	221	N1KC	215	VK3FM	PU1KGG
W8UV	EA2AAZ	N6DX	9H1EJ	W1LE	SM5BNK
W9KVR	HB9HBZ	NA9RB	AA7XT	W3BJ	W6DCK
WE1P	IZ1JLG	W6GRV	DS4GKF	W7HR	W8BLA
YO9FNP	JE2EBT	WA3I	HB9IIO		W8HMK
	JI1NJC	WW8W	I5XFD	212	WB0ULX
224	K4CGY		IZ0BVU	3A2MW	
JA8NFV	K5DV	218	JR0AMD	G4ZOY	208
JO1LVZ	KU4XO	DL2NOM	JT1BV	I1YDT	JH0NOS
K1CBK	N4TOL	DL4NBE	K1TZQ	JA1BWA	K0THN
K2HAT	N9JR	DS4AOW	KF4NEF	JS6TWW	K4WES
KZ5DX	NA9Q	I7PXV	N8NN	KU4BP	K5RJ
N3RW	RU0SN	KE3D	RN9N	NY1V	KR2Q
N7WO	W0BM	KV4AA	W0FG	SM5AOG	N4FN
RW4CY	W4DEE	N4JT	W0TT	VU2DCC	NU1O

NW6S	JO3WHB	W4RDX	W6JZ	NA9A	NU4B
W1FA	K4YYL	W7TUS	W6UC	RC2A	SM5ELV
W4WN	K5VR	W7VY	W9LN	SP3F	W8NN
W5FPT	K9SG	WE2N	W9RXJ	SP5MXZ	WA9DU
WA6G	KW1DX			W6HYI	WB6CJT
ZS1J	N9KW	201	198	WA0WWW	
	OH3OJ	DL4FAP	DJ0MCH	WB5NHL	192
207	UN9L	GI4OWA	DL8DWL		F6FYD
9K2BM	WA4MME	IZ0GYP	IV3BSF	195	G1VDP
DG5LAC	XE1J	JA0CIU	JA6ENL	CT1ELF	HB9FBG
JG1JPE		K0MFI	JM1ESG	JA7QQQ	IZ7GIT
K6ZP	204	LU4FW	JR1IZM	K4KEW	K6XN
KB2FCV	K1RH	N2KI	K0GW	KE4S	KE0A
KE1VT	KB5HC	PY2GG	K7PT	KF9AF	KJ4UZU
M0IKW	KM9E	RT5A	KA1J	N3XM	KJ4YLO
N9AKR	VU2IBI	W1OP	N4PYI	NN2D	N4XYZ
OE1JIS	W4GP	W6AEA	ND3L	OH6NIO	NC2Y
ON4ANN	W7IV		RA3BL	SQ7FPH	UR3EO
RD9M	WA9BZW	200	VK6OZ	UR5FEO	VA2IG
TF3DC	WB8BZK	HB9AGO	W6SHY	VE3YXO	YB1TQL
VK2CA	XE1L	IZ5FSA	WA2VQV	W3SB	
VK5GR		IZ8EKL	XE1FAS	W6KK	191
W1MJB	203	JA3EY	YV5LI		AA4NC
W4GE	DF3EC	JA7DPC		194	HA5CW
W9QO	F5NBX	JA7MAD	197	A65BD	JH1FNU
YB0MWM	IK2RGT	JH1FVE	4X4MF	EA5ZR	JK1AJX
	IZ0BTV	K1ZJA	BA4TB	JA7JM	K1RI
206	JA7JPZ	KC6JAM	EA1DLU	JM1SZY	K8QKY
CT1HHP	JH8NBJ	KL7TC	IT9AAI	K1LT	N4DWK
HB9CRV	K0CS	KM4VI	IV3AVQ	K2CYS	N4HN
IW9DNI	K4GO	LA6OP	JA2MNB	KP3AH	N7MQ
IZ4DIW	K4JKB	N1IA	K6TAR	KR8T	NK7C
JA4DNC	K9OW	N2ZA	K8SIA	NJ3K	OZ7DN
JF1IRW	K9TF	N7ELL	M0HIH	SP6EY	VK2HV
K3SX	KA1DJ	NW7US	N7WS	VU2LBW	W8UQ
K8NK	KK8MM	PY3VB	W4DAO	W4DC	WF1H
KK5OQ	KM7R	VK6LC	W4HZ	W5UHQ	W18R
KK9T	N3PS	ZS1DX	WI7P	W7PAQ	
KO6KD	N4TV		WQ5R	WA1NXC	190
KW4CQ	N6PAT	199	XE1H	XE1R	AA4U
N6ZN	SV1FKZ	AA3TH			AC4VM
N8BJQ	W1DYJ	AC0X	196	193	DJ9KV
SM7GIB	W3BNN	AD4AA	AG5W	7L4VYK	EC7B
W7IUO	WA3FRP	JH0RVY	CT3CD	AE4CW	G3WW
WA3WZR		JI1WLL	DF2UA	DH3KM	G4XEE
WB0N	202	K4SX	G7SSE	HI3T	HL4CCM
	BV1EK	K4VNY	HB9ESS	IZ5MOQ	JA2ITK
205	G3SBP	KC2SST	I7LGM	JA0AXV	JH8KFE
AC9S	IK5BOH/2	KI4WCQ	I8YAV	JA1QIW	JI2UDK
DL6UNF	IT9ODQ	MU0GSY	JA1XRA	K3NF	K7UT
GM0VRP	N8WD	N2RR	JA7FAS	KM1C	K8ZT/QRP
IK0WRB	W1AW	PB9FN	N2GZ	KZ1W	KD0AA
JA4DHN	W3NS	V51YJ	N3QE	NN5E	N3AIU

N6MXU	KC6X	W3ML	JR3ADB	176	WA4BIM
SM0BYD	KK0DX	WF8R	K4WZ	DL6NW	WA4NUF
W2OR	N5QS	YB2TS	KB7AK	F4FLF	WQ5T
W9ROG	W8RV		KE5TD	G4AYU	
WA8LRW	WA5IPS	182	KJ6NZ	JR1FHP	173
WB4GLI	WB4DNL	I5FLN	KZ2R	K5DCW	7L2QAD
	WZ4RC	I8LWL	N3KV	KK7YC	AB6CF
189		JA6SQR	NO0B	KT8D	AI9U
I0LYO	185	J11CQA	SP5ELW	LA4JGA	DM6MA
IV3KCB	JK7LXU	K7LAZ	W0ZS	LA7EIA	HB9DVZ
JA1SGU	K0KP	KG4JSZ	W1HS	N1JP	K1ROA
JG1SWM	K3PP	KS0JD	W4CCS	N5FEE	K5ZQ
K5RKS	KE5BR	LA5LT	W4TUN	OZ9XU	K6UNE
K6UXO	KQ4EE	N4MIK		VE1VOX	K8JE
KY5I	OZ3SM	N8NA	178	W4LEW	LA9VBA
OH2LHE	UN7BK	N8NB	AA8KY	W9WO	N7HN
ON6KE	VA7ZT	NZ5O	AE4M	WA3GNW	N9DR
RM3DA	W0QC	VU3CAU	EA8AXT		NC7B
RN3CT	W2WG	W6SFK	F4DSE	175	NX2X
SM4BZH	W5SUM	W7WZ	G4DDL	AG5CN	OV5O
W4AEJ	W6RKC		IW0BYL	EA6UE	SM0EUI
W6DPD	WV2I	181	JA1ERB	IU8IYE	W8QXR
YB4CHP		IZ4AIB	K1ZE	IW1PUR	WA7BNG
	184	JK1DDG	K3VAR	JA0LFV	WY7FD
188	AD6ZJ	K9AQ	KU1T	JE3PCP	
EA7AN	EA5RU	KY6R	N6DHZ	JH6RTO	172
JA0GCI	HP2NG	N1HO	OZ1HPS	KD4POJ	EI1DG
JH7NTW	IK0HBN	N6VS	W7HUY	KF2OG	JA1BON
JP1GUW	JA7FVA	N8AYY	WB6AXD	KF6HI	JK1JAS
K1JD	K3JM	N8HRZ	WC0W	KL0S	K5TA
K2AX	N2MEE	NN9X		KN7D	LZ1XL
K2DC	NW7M	NV4A	177	LZ2ZG	N3AO
N2ZZ	SM2EJE	UA9AEU	4X6UU	N7NG	N5PA
PY2RN	UN7BY	W6TK	IW8CGX	N7VPN	N7GCO
WV4V	UT7KF		JE4RAL	NS3L	SP5ES
YO2DFA	W0PE	180	JF1LZQ	UA1OM	TF3JB
	W6BK	4X6KJ	JG3KLF	UA9AGX	W1ASB
187	WB2HJV	A61BK	K2JL	XE1YD	YB4IR
EA5HM	WB3BFC	AA4AK	K2MK		
F4WDL	WB4YDL	DK1NAL	K3OX	174	171
IK8GJR	WB5STU	JH1IZR	K8YE	AA4UC	AA5N
N6NU	YB1RUS	K0IL	KD1AB	AG4Q	AD0K
N6VNI		K2SD	KF4VTT	AG7N	AD3C
PP7LL	183	K3DFL	NA6MG	DF8FT	CT2GZE
W5ZE	IU0ICA	K8SL	SM5CBM	DL5KUA	DL5MM
	JA2KSP	NA5S	VK2AAH	HB9HVG	F9CI
186	JA3UNA	VR2XYL	W0IKD	JL6USD	IK3GBG
AF6PK	JE4CIL	W4DSM	W0JW	JR3TOE	IZ0CKJ
I4UUL	K3HW		W1AO	K5CR	JA3AVO
K5EWS	K3SF	179	W4KVS	K9HQM	JJ1BDX
K5QX	K6LRN	DL5MHQ	WD8KND	K9UQN	JL1GYZ
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K6EGF	W2CG	JH1XFR		W5WI	K2TV

K4WY	JP1LRT	ZS6IR	163	K2OP	W1EBM
KB0V	K0RAR		AA4OC	K4AR	WD5BJT
KC5LK	K1VI	165	AI4QQ	KM4A	XE1MW
KP4DKE	K2SY	AG6HE	DS4NPL	N7QT	
KW9U	KF0RQ	CU3HN	EA1AZ	NA6XX	158
N8WRL	LU8ADX	EI5JL	EA3HDZ	OK2ZDL	9J2BS
NA6O	LX1CW	HL1VAU	F4CPF	SM3PHM	G4SGX
ON6MX	N4ST	IK0XIH	HA5BSW	W5BK	HK3PJ
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	SV1XV	JR1KBJ	JR6LDE		K8GWU
170	VR2MY	K3VPZ	K0ABC	160	KB2XJ
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JK1BIB	KB8NTY	N2RJ	LA1CO	JA1UOA	N8TFD
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K7CU	KH6XT	RA0BA	N7KDT	JR1CAD	W8LIG
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N6EM	N8JS	W2FS	R3IS	KM4NS	WB9ZNZ
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NG9J	PY2SEX	WB9PNU	VA2LC	N0IW	
NX4TT	TF3VS	WC4X	VU2MSA	N4MEC	157
VE1OP	WA0SXV		W1OK	N5WA	7N3IJT
VE2YG	WA5NFC	164	W1XV	N8IL	E20YLM
W0OGH		AC4BT	W4PGM	NI5F	EI2JD
WA4USA	166	CT3DL	W8MIL	W1TO	GM4KHE
YO4AUL	AC0DQ	DL7JRD	WA9IVH	W9FF	JA0NZR
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JA1KXT	HL4XM	JJ1JMZ		159	KB7QFE
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K8ZZU	JR6GHN	K6CF	BH4IGO	DD0VE	N4MI
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RD3BD	KR4BD	KL7TS	HS8KAY	JA4FKO	W3HKK
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W7VAS	SV2CLJ	N7WI	N4BAF	K1EDG	
WA6QGH	VA7DX	NA2P	NP3CW	K9QJ	156
	W4PGC	PT7DX	W4NBS	KC4HN	DK8IZ
168	W8SAX	S50B	W8FN	LA8ZAA	EA3HPX
A92IO	WA1ZIC	SP7QHR		N1MD	GM3WIL
EW1P	WA5NOM	W6SIY	161	N4VG	HB9HHH
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JH3EQP	ZL3RJ		K1BZ	VA3NXM	JA2ODB

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JH2AJY	WN7J	DL4KUG	ER0FEO	K4NTO	AD0TR
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KA9OKH	153	JA2BUR	JS6SCC	K5UZ	G4FTC
N4QM	HB9BEM	J13BFC	K2HT	KB9LIE	GM0VIT
N5QZ	HB9GWJ	K1QN	K2KIB	KX5U	JK1NPH
N7RD	JA3UOQ	K4DET	K2RET	SV8RX	K1TKL
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	JR7MAZ	K9AAA	K9EXY	W8OM	N5UE
155	K0SRL	KE4BKL	KM2E	W9GM	NJ1Q
5P5Q	K4OY	KE8G	KP4DS		RN0C
AB4GE	K8ROK	KK4CLY	N0STL	146	UY2UZ
DK3QM	K9MMS	N7MB	NE0U	AE5B	W0AIH*
IV3TDM	K9YZ	NU4I	NU4Y	HP3TA	WB9W
IZ2EWR	KF9LI	SM0NUE	NZ0O	JA3KWZ	
JA0EBV	KK4XL	VA3EJN	PY8WW	JE1COB	143
K0PX	LA2IR	VA3HP	RT0F	K6NR	AA4MM
K2DF	N0VVV	W3HER	TF3Y	K8ARY	AF3X
K4EZY	N7NW	W5WLA	UA9MC	K8POM	EA4D
K4SAF	OH3DP	W6WA	WA1EHK	KB9AIT	HB9AAA
K4WM	OH3FVP	WA9JWL	WF7T	KM8AM	JA1MOD
M0IFT	SP5NON	WC2C		N6FS	JF2RSF
N1QY	W3DIY		148	N6RK	K2OO
NF7D	W8VK	150	4F3BZ	N9MR	K6LPO
NK7Z	WB4SON	DK3BK	A71AM	SM3DXC	K7QBO
NO9E		DK3FB	IW5EIJ	SP9IZV	K9BQL
OE1HHB	152	HB9EBM	JA1IHD	TF4M	KE4FW
UT7EC	4O3A	IK1UGX	JF2AIJ	WA2MUA	KG6D
W5SV	AC6BW	IT9ABN	K5LY	WA3SKQ	KJ2U
YB1AYO	BX5AA	IT9IPQ	K7STO	WW8RT	KJ4R
	DF2WF	IZ0FUW	KA3GWD	XE2B	KN7K
154	DU1KT	IZ2MHT	KB8ZUN	YB1BML	LB2TG
AC8TO	G0THF	JA6SUY	KD4EE	ZS6UT	N2YBB
AJ8B	G4AFJ	JA7GZM	LZ1MDU		N4GBK
DS5WQT	IK5BSC	JG1GJH	N0TK	145	N4UP
JA0GZZ	K2EK	K5HK	N3ND	5T5PA	N7ZA
JA4HXF	K4RDU	K9RT	NJ6K	AA5TL	TG9AJR
JA8ANQ	KD2OV	K9UWY	PY2CP	AC7JM	W4JVN
JE6PJP	KE9S	KI7M	VE6TL	AL7TC	W4UFO
JF3VEC	NH6L	N6JOJ	W4AG	DL1MEV	W7VS
JH1AQN	NM1G	N8IK	W9MAK	EA4S	WY0V
JH1BHW	OH3PYY	N9IO		EA7LS	
JM1JZN	ON4LG	NM4SH	147	EI7GY	142
JR3QHJ	R9JX	ON6ZV	AB9KZ	F1OBJ	JA1PUK
JR7ILA	W6RFF	SM0BSO	EI3CTB	JH1CTV	J11UHZ
K5DXR	W7JET	VU2NXM	F6KOP	K5FXB	K2CJ
KC1ERO	WA6EZV	W3KB	G3VQO	KQ5M	K3GT
KM2O	YV4DYJ	W4NE	IS0/YO3RA	KS0M	K8MRT
N7JB		WL7OU	JA0JPD	N6KK	K9UO
NE5W	151	ZS1C	JJ0LZQ	NS4X	KA6BIM
VA3OKG	AB2E		JK1OTP	W3DQS	KB1HY
W4CIR	AD5MD	149	K0PC	W7NP	LA1J
W8TM	AK9B	7N2JZT	K3GGN	WR7Q	W4MA

YO8CRU	HL4CBX	TA1AL	EA6AZ	W6OUL	K2MHE
141	K0QB	W2GGY	IZ8DEO	W9SE	KN4JX
7K3QPL	K0YL	W2NY	JA6GXP	YO3GJC	N2YF
9H1AE	K9TRV	W4UEF	JR0GXA		N7TM
EA1T	KX4I	W5AAJ	JR1HYA	132	NS4F
EI3ISB	N0CKC	W9MR	K3KY	AA4FU	OZ6TL
HB9EXQ	N2SG	WA0WOF	K7FL	AK3E	W1MO
IZ3XEF	N7NF	WG0G	K7RAN	AK6I	W9CTJ
JR3PKO	R9MJ	WS1F	K7YZO	I8NLC	WA7HR
K2JK	ZL3TE		K9JDP	IK8OZV	WB8RFB
K4RM	138	136	K9SUH	IZ0COI	YB2IQ
K5VG	DL5KUT	DM5JBN	KA9JCP	JA9KRO	YO8PS
K8RCT	DL5ZB	EA5KA	KD2SC	K1IG	
K9AAN	G0FWX	G0OSK	KF5WCP	K4BNF	129
KA5SYP	JA0CVC	IS0EBO	KN4OK	KB8KIM	AD6KQ
KA5VFU	JA1PVX	NT5EE	LB5GI	KE7BMG	AE7U
NZ6N	JA1VRY	ON5GF	N1AH	KG8OU	DS4EJA
TF5B	K2YSY	VE3FRR	N2TC	KI7HO	JA0AVS
VE3FAC	K6CW	W0ANZ	N5JED	KK5ID	JA1PLT
W1NA	KC9G	W4EJG	N6XT	M3DFW	JA2ACI
W3IZ	KF6A	W4GH	NC6RJ	N3TR	JA3WMS
W5GOL	KL7NW	W4IDX	PA0QRB	N4EDT	JH1RFM
W6HDG	KU9S	W4PV	SM3WMU	N4QOG	JM1CMA
WK9U	N0SL	W7SX	W1DAR	NN3V	JN1SUT
	N3PV	135	W2KNG	ON6YH	K7ORK
140	N9BVA	AB4FH	W4UAT	PY2OP	KB3IFH
AA4DD	OD5YA	GM5YTT	W7KKC	SM7DXQ	KB4KBS
AD9DX	PV8ABC	HZ1GW	WB1DX	UW7UA	KN4WOJ
EI6JK	TA1PB	JA1DCK	XE2AD	VU3WEW	N8BK
EI7JZ	W0UHL	JA3MIO		W3KHZ	N9AVC
I4JEE	W4DWS	JA7MWC	133	W4MC	PY3OG
JG1RYQ	WA5POK	JJ1HLL	7J1ABD	W5FL	SM2YIP
JJ1OKK		JL2ULM	DL8OH	WA1HXH	VK5CE
K0UBR	137	K2WJ	G4NBS	WA1KXV	W7TG
K5GZR	AC5AA	K3HPA	GM1BSG	ZS1EL	XE1ILI
K6EV	DL2RD	K3WGR	HB0WR		
K7VC	G3PSM	K4OP	HK4EB	131	128
KC3AK	HL1MKT	N5RN	JA5IBP	EI5GM	A71XX
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LZ2HM	K2CDJ	NX8Y	K6ME	K0ARM	EA1AHA
VE3NJC	K2RKJ	S53MJ	K7YMG	K5SES	EI3IO
W5VU	K4AU	W5IO	KC2STA	K7GA	F4GTB
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WB8EKG	KP4N	WB6FWS	LA9KY	NN6K	K6OJ
WW6G	N7VZ	WB9IWN	N1BKB	W5EC	K7PTC
YB3MM	N9NFT	WO5I	OH4KRN		K9YKL
	NI4Y		OH7HM	130	KC2WUF
139	NU1T	134	V31CQ	AA4QE	KD5R
F5VML	OE3JAG	AB0RX	VU2ABS	DL1SWN	KG2U
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HB9DTE	SP3EPG	DL4ZAB	W1ITU	JH3PRR	NR0Q
			W3MF	JL4BSE	PU4MMZ

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W5MF	JA5XPD	EI8IQ	PY2ADR	KU2A	W2FDM
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WC4V	K8GT	JM1LPN	WB8TGY	OZ6EI	119
WP4CQ	K9QA	K3SUI	WU7X	TA1L	DL2VWR
WQ1H	KC3RKW	K6VVK	WX3P	UA0FDX	F5BAR
ZS6AKU	KC5RR	K7HC	YB9WZJ	W2ARP	HL2MHU
	KC9WPS	KB8DID	ZS6NK	W3/NH7C	JA6JYM
127	KK4CB	KC2NJ		W3JXP	K7LOL
7Z1HL	KM4CQG	KC4AA	122	W4CC	K8EB
AG4TO	KS4WA	KD3UY	AA0BH	W4KCM	LU9DO
DJ5DT	N5HC	KD9ZR	AA5B	W5UQ	N1GNB
DL9GTB	N8YQX	KK4TKJ	AB5YI	W7PC	N8LCU
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KS8W	JP1GVC	123	W1ES	DS5QLJ	IZ0RPS
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	WM4AA	K2JGL	JA1EYN	N3GS	N8KUS
126	WR2G	KI0HA	JA1WTO	N4UFP	VR2CC
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AD7L	W9LU	W2ZK	112	TA2RC	DL9QJ
CE3FZ	WA4VJK	W8LR	3C3CA	TA7AZC	F5DBT
F8EZE	WW5RC	WD0AJG	7Z1CQ	W7WT	F8DHE
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JT1CO	F6FHZ	K5WRE		N3YZ	108
K4LCP	G3CWW	K7BWC	111	N4NYY	7M4CLF
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KC1RET	JA1CPU	KB1OIQ	G4ZWY	W1ZZ	DL1TPY
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KO4XI	WC2L		CT3DZ	JF1KIG	KA8HDE
KW1X	WM4W	105	EA4EJP	J11FXS	KB1AWM
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DJ5FZ	JA3FRI	K1ETA	K5JUC	NB3R	W7HJ
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KU4A	DS4GQR	KL7XO	WB6RAB
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N3CAL	EW4A	N0JX	WF5I
N4PF	F5JWH	N0KM	WI0E
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VU2OT	K1HC	NE3K	
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W3RMS	K3NO	OZ9GA	
W3SW	K3QB	PV8AJ	
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