

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 29 Oct 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	N8DX W9IXX	JA1WPX JA2KVD JA5AQC JA5AUC JQ3DUE K2FF K5NA* OE3GCU SP3EPK W0MHK W1YY	JG3QZN K1OA K2PLF* K3KO* K3UA N4XM N8DJX PY2BW PY5EG PY5HOT SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK
347 K4CIA K8MFO N4WW W1JR W4DR	K4DY KF2O NN4T	338 G4BWP I4LCK JA0EOK JA2JPA JH4UYB K9NU PY4OY W1DIG W2YC W7UT WB6RSE	335 HA5WA JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	333 DJ8NK GM3YTS IK4DRY JA6BZI JE2URF JH1GZE JI2KXK JI4POR K0IEA K4MWB K6YRA LZ2DF N4AH N9IW PY2SP SM5CEU SP3E W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR	341 AA1V DJ6RX DJ9KG EA8AK G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	337 AA6YQ AG9S G0JHC I4AVG JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N3XX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL WD5COV		
345 HA0DU OH1XX			334 AA7A DF3GY DJ9ZB EA6SX F6AOJ F6DAY F6EXV G3XTT G4OBK HB9BGV IK8HJC JA1HGY	
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 EA4KD JA1BK		

332	JF1WPB	327	JR2LJO	N5TY*
AD5A	K3WC	AB4IQ	JS2LHI	N5XZ
DF4PL	K4ZYU	CT1IUA	K8NVR	N8RR
EA5RM	N3NT	EA1YO	K9EU	NE1B
EU7A	N4JF	I5NPH	KA9CFD	OH1LEU
EY8MM	N8JV	JA5WIZ	NY0V	OH2BLD
F6BKI	NO8D	JE2LUN	SM5KNV	SM6DHF
HB9BZA	OK1MP*	JH8RZJ	SP7VC	SP5IWA
I4MKN	RA3CQ	JI8DGO	W6RLL	SV1FJA
IK5HHA	SM5CZQ	JJ3PRT	W7AO	322
JA0UUA	SP7GAQ	JR3GWZ	W9OP	CT1BH
JA4DLP	SP9DWT	K9YY	WB4TDH	F5PAC
JA7MSQ	W1ECT	KW9A	324	G0OIL
JA9RRH	W3NO	N2BJ	AA8CH	IK2QPR
JH1TWT	329	NK1K	AB9V	IK4GME
K0EU	CT1APE	OE2LCM	DK9KX	JA1XEC
N2LT	DL2OE	ON4AOI	DL5DSM	JA2JNA
N6JV	I4EWH	PY2YP	FK8CP	JA9CWJ
SP8NR	IT9DAA	RZ3AM	G0DQS	JJ2LPV
UA4HBW	IV3JVJ	SM2GCQ	HB9BIN	K2UO
W4DKS	JA2JW	SM5DJZ*	I0WDX	K2VV
W5BPT	JA7KY	SM6CCO	JA2DPC	KU0A
YU1FW	JE1SYN	SP1S	JA7JWF	KX4R
331	JF1PUW	SV8CS	JO7WXN	N4DW
9A7V	JH0INP	UA3AB	K0CA*	N4NX
AA1ON	K9IR	W1RM	K5KC	N4QS
DF2RG	LU2NI	WP4U	K5MC	ON4CD
DJ9HX	N5AW	326	K6FG	R7DX
EI7BA	ON4IQ	EA5BY	N4II	VE1DX
GM3POI	OZ1CTK	IK5PWQ	N8BM*	W4FC
IZ5EKV	SP6M	IZ0AEG	OE1WEU	W5CIA
JH2FXK	W5XX	JA2BDR	OE8HIK	W5TCX
K1HTV	WA1JMP	JF3KON	PA3EWP	WI8A
K4CN	YO9HP	JF7XKY	PY5EW	YU3AA
K9CT	328	JH3CUL	R3OK	321
KV7K	AA5AU	JR3OEH	R3VA	AA4V*
LA5IIA	DK5WL	K5EK	RV3LO	DK1FW
NI0G	DL7MAE	KF0QR	UT9FJ	G3TXF
NR1R	EA3GP	N1NK	VE3LYC	HB0CC
R4GM	EA5BM	N4JJ*	W8OI	IK2YCW
RA7A	JA9APS	N4PQX	W9OL	JA0GJJ
SP6CIK	JR7VHZ	N7RT	YB5QZ	JA3AZD
VE3FF	K0DEQ	OZ1AXG	YV1DIG	JF2UPM
W4UM	K4QL	R5AJ	323	JH1QAX
W5OZI	K8PT	UA4CC	AD1C	JH3VNC
W8UVZ	RU3FM	VE2Tzt	CT4NH	JH4ADV
330	SL0ZG	W8DCH	HB9HFN	OE6MDF
DJ2YA	SM4EMO	WJ4T*	IK8YTA	OE8RT
DL1AMQ	SM6CMU	325	JA1ANR	SM6DHU
EA7TV	SP5DIR	EA2IA	JA5XAE	UT7UJ
HB9AMO	SV1RK	G4CCZ	JF1KKV	W3GH*
IK4BHO	W2IRT	GM3GAV	JH1IFS	W8GC
IK6DLK	W3LL	HB9DHK	K4EM	WA7NB
JA1ADN	W5FKX	JA4FKX	K7NN	WB0TEV
JA3EMU		JL1RUC	LA7HJA	

320 DJ5FI DM5EE G0BLB I2EOW IK4DRR JA2IVK JA3PIS JA8LRG JR2UBS K1LD K9MM KQ8M SP1JRF SP1MGM UX1UA UY5ZZ VE3EXY W1GL W3KX W5WT W6XA WD0DAN YO3APJ	K4IQJ K4SO K5BG K5DU K5XI LA2PA LB8DC LU3CQ NQ1K SP3CGK UX0FF 317 DK2NG DL5WW HA1RB HK3W IW1ARB JA2ZL JG3LGD JH1NYM JR1BAS K2RW K6RO K6YUI KE9L N2NL W6VX WX4G 316 DF2UU DL6CNG G0VXE I3BUI IZ1LBG IZ2AMW JA7QVI JA8EAT JH1SJN K1AR K1BD K6KLY K8YTO K9US KG8P MD0CCE N5DG SM2OAN SM3VAC UA3DPM W7MO W9ILY WA2VYA YO7LCB YS1RR	315 9H1SP AA5AT AB6QM DL1DUO F5HNP G3VKW JA0CRI JA2NDQ JA8RJE JR2BJE K0KX N5OK NN4R OE3EVA ON4IZ PY2NQ SP3IBS SV2DGH W7CT WB9CIF WD9DZV 314 AA5AM CT1DKS EA6VQ F4BKV G3NDC HB9SLO HL2IFR IZ8FFA JA2AH JA9GPG JR4OZR JR9LKE JS3CTQ K2LS K4UEE* K5AQ* K8AC LA7AFA LA7JO N8TR NS6C OE1AZS OE1ZL SM4DDE SV1CNS SV1DPI SV1JG UA6MF 313 5B4MF CT1FMX CT1GFK	IK2RPE JA1EOD JA5IU JR1BLX K6TA* K8FL KG4W N4TL N8KOL OE3SGU OZ4O SP9JZU WA5VGI ZS6EZ 312 F3SG JA1SYY JA1VSL JE2LPC JF8QNF JK1EXO JN1BMX JR6FC K1HT K3RA N1IBM N5ORT RU3QR UT2UB VU2NKS W5ADD W8HW 311 4X6ZK HB9TKS IK0PEA JA1IZZ JA2VQF JA2XYO JA4MRL JA9FAI JG8FWH JK1GOK K9RX KC7V KM4H PY2XU RA0FF UR0MC US5WE 310 HB9CEX HL4CJG JA1WSK	JA2WYN JG3FEA JH7RXU K0KVR K2UU LA9AJA OE5RLM R5DT RL9F SP6HEQ W0YG W4BP ZS1LS 309 CT1FCX JA1IOA JA6WJL JG4AKL K4MS K8QM K9ZO NN4SS NU8Z R9TO RU3DX RX3AGD UA4LY VE7IG* W2JU WE9R YB1UUN 308 A65BR DL2CHN HK4SAN IK4ADE IU7QBB JA1SVP JA7IC JE2EHP K0GY K8OM K9MK KI0KB KN5O KS1J R7NW UR5EDX VA5DX W1YM W2QO W6ENZ W9MU WA8WV
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307 9K2OD CU2AP DK2JX F2JD HB9DDO HB9DDZ I5HOR IK0XBX JA2XW JA3GN JE8CLT JJ3HGJ JN1RQV K2SHZ K7WP KB1JZU KC6AWX* LU8EKC N9FN NI6T SM5JE* SV2AEL W5AJ W7DO W7OM W9JA ZS2DL	JF1NZW JR1DUP K0JUH K3XA K6SIK K9NW MM0EAX N9AU* NA5C OH8LXT PA5TT PY7DJ RA9CMO SM3NXS UY5AA	302 AA4R AA8OY AJ9C DJ5JH F5CQ JA1JAT JA3EOP JA7MYQ JJ1TKN JK1TCV JM1FHL K0BBC K4XD ON6AA PY2KP RK4FD W4QN W7ZJ W9AJ WA9PIE WD4LBR	JA9AA K6FW K8GG K8TL K8VFF KD0PO N4RWG PA3CSR PY2DS PY2VA SV1GYG W3OA W6TC	JM1HJG K5DHY K8WK KD0Q KG7H KT1J N7IR UN7LZ W6YI YO2RR
N9FN NI6T SM5JE* SV2AEL W5AJ W7DO W7OM W9JA ZS2DL	304 DJ9ON DK5AD EI2GLB EU1KY HB9CQK JA5BEN JA7LGE JE2DZC JF2XGF JG0CQK K6ND K8GI N7US N9RS OH3NHF R7FK*	301 AC0A AE5E EW2A HB9BOI HP2AT I2MQP* I4KDJ JA0DIN JA1FQI JA1LSP JA1XPQ JA2ATE JE1LFX K1GG K3FRK K4SE K9SM LA5LJA RN3QN UN6T UR5WA VE3EK W3RJW WB5JID YO2CMI	299 DM2DXA HB9RG IK5RUN IW1QN IZ4MJP JA9FPI JA9NLE JH1BNC JJ1DWT K0TPP K4ZO UA9FAR VE3BW W2GG XE2CQ	296 AD6W CT1DOF EC3A EV1R G4GIR GM0AXY IV3YYK IW0SAF IZ0RVI JH4ALY JH7BKN K0KT K8VC LA8PT N0RB N6TA RA3QK SM6BZV SV9COL UA6YW W4VIC W8TN
306 DL1HRN DL1KUR DL5EBE I1EIS IK4PLW JA0GCI JE1DXC K5WAF KD3CQ N8SNM OH5VT R8TX R9FM SM5FUG UN7JX VE3DZ W5VY W5XC ZL3JT	303 E72U EA3GHZ G3LZQ G3SVD HL3IUA JA3ENN K7ZA KB8VAO LA3WAA OE5BWN RL3FA RW4NN SM6CUK SP2BMX SP7HOV SP7ITB VU2PTT W0VX W1SKU WA3AFS WT8C	300 DL4CF EA1AF HL3GOB IW0HQE IZ5RVG IZ8VYU	298 5B4AHJ DL7BA HB9RYZ JA4ITW JF2WGN JL2JVX JR7WFC K2PK K3PA K5VIP K8EUR LU4FPZ ND0N PY2IQ WT4Q ZL1BYZ	295 CT3MD JA1BPA K5ZK LZ2JE N7RO N7TY RM0F SP8HKT W5LT W6XK W7AL ZS1A
305 AJ6T DJ4XA DL1TRK G5LP JA7BWT JE6TSP			297 4Z4DX BA4RF E72A E73Y JA3RQ JE7JDL JH1BAM	294 4X1RU AI9L DS1JFY EA6NB HA5VZ HA9PP IK0HFO

IT9CVO	291	PU2POP	W8AXI	W6BJH
JA5SUD	DF2GH	R0FA	W9MJ	WA0MHJ
JA9IFF	EA6ET	W8BBQ	WS5W	
JE1GWO	G0EHO	W9YSX		282
JE3ENP	IV3GOW		285	JA5BGA
K1DG	IZ3ENH	288	DL2SWN	JA8UIV
K1USA	JA1QXC	EA5KA	EA3GHQ	JH3FHQ
K7ZV	KP2A	JA2JRG	IK7FPV	K5UO
KF2DT	LA3MHA	JE2RDO	IZ8DFO	NA5DX
KZ4V	LA5HE	K0GD	JA0PE	NT0V*
N0KV	LA9VFA	K1DT	JA2IYJ	PC3T
RA1QD	N2TN	K3WW	JA2VMU	UA0BA
RU6L	N8LJ	LA9GX	JA8XQI	W4OX
SV3DCX	OH4UI	N4LR	K6GXO	XE1KK
W3JX	VE3CFK	OH1ZK	K6PJ	
W9FR	W1EQ	SM4CTI	KJ6P	281
	W9HBH	UA3AGW	NN4X	7M4AOE
	ZL4TT	W1YIF	OE1WHC	AD5Q
293		W2LE	SM0CCM	DF7EE
DL1SMA	290	W2NO	SV1FJP	EA5OX
EA3WD	AA4A	W3FOX	US0YA	F3AT
HB9BAT	AA8R	ZS2EZ	W4UCK	IZ8FDH
IK0AGU	CU2DX		WK7E	JA0KJE
IK8VRH	JA1KQX	287		JA2FCZ
JA2CXF	JA2XCR	9M6YBG	284	JA3BXF
JA3XNH	JG1OGM	AA8LL	7K1PTT	JO4CFV
JA8DNV	JH3GCN	G4XEE	AB4SF	K2SN
JH0BQX	K4RG	JA5FDJ	CT1BWU	N2WB
K4JAF	K8ROX	JE2OVG	CT1FPQ	N5GH
K5RT	LA2QM	JR8AMF	EI9FBB	OZ1IKY
N2LM	N3VA	K0AZ	HL4GAV	SM0NJO
PE1L	N9DED	KI5BLU	JA3DY*	SM5ENX
RA5BM	PP1CZ	N9ISN	JA8CJY	VK3BDX
S55DX	RD3AW	OH1JP	JG3SKK	W0LS
W7BEM	S57AT	R9SA	JH3KAI	W8KEN
WA3C	SK3PY	SM5ARL	JH3SIF	WF2S
WA4FFW	SV3AQR	W1VT	OE3HWC	
	UN7TW	W4YCH	SM6CTQ	280
292	W2LK	WA6F	UN3G	CT1EAV
AA6AA	W8AV		W2AY	EI2CN
DL5CW	WA1S	286	W4FQT	EI6FR
DL6JZ	WB9EEE	AB5A	W5ODD	JA6TMU
EA5AT	WN6W	CT3HF	W8HC	JN7DOS
G8DX		DL2VPO	WB2BIN	JR6LLN
HL2WA	289	GM3PPE		JR7FRW
IZ3ETU	DL9TJ	GM3YOR	283	K1CA
JA0DET	I1FQH	IZ8XQC	HK1MW	K4WNW
K7ZD	IZ4DPV	JA2FGL	JA1RTX	K6BV
LA0FA	JA8EJO	JH4HMG	JL1XMN	N2DPF
N5LZ	JG1WSC	K1LPS	K1UU	N2JJ
N6UK	JH1HHC	K1RO	N4JQQ	NV9L
N8II	JH4GJR	K5PS	N6PSE	SM5CZK
N8PW	K0TT	LA8HGA	OE8SPW	UT7UV
R6AF	K3UL	VE1JBC	ON5UE	VK3HJ
W1OPD	KK0M	W3GQ	SA0AQT	W8LGJ
W6NWS	KQ4AV	W4MAY	W1LW	ZS4TX
W6SR	OE2GEN	W6PJ	W5ZG	

279 DK3PZ JA6QHQ JA7HRM JE8TGI JK1UNZ K6IPM N6RV OZ4VW W5DM WO7R	N5MOA OZ1LCG PA7RA RX4HZ SM5CLE VU2CPL W1ZT W2OIB W3ACO W5GO	K7XB N4IG N4QQ OZ1ACB RW7M W4HG	HL3AMO IK0UTM IK8UHA IS0AFM IW7DVM K0BJ K5TA K5VWW K7UA K9JF KG9Z N7BT VE6LB W0FLS W0RX WQ6Q	EA5RD GU0SUP HB9MFM JA2QXP JA7BEW OH2IS SM5BMB WS9V
278 9A4T EA8RR EI9JF F2NH F5PBM JA4VLK K2UR N4HB N9RD ND4X RN9N SM4AZQ VE3CRG W8MHW	275 DH2PC DS5ACV IV3VBM JE1BMJ JF2VAX JI3CJP KA1ERL N7KA NF1G NU1B SV5DKL W7MEM WA0RVK XE1MEX	272 AF9H I5OYY IK5PWN JF1LMB JF2WXS JH1OBS K7EG K8BL K9FN KB1EFS KI4GE N5BO N7XR OE5FIN PA0ZH PY2WC SM7IUN SV1ACK W0JM W1MK W2OO W3AP WL7E	269 CT3CD HB9EBM IK8EPC JA1OVF JA1VLK JP1NWZ KH6M KR0P LA6UL NW7E OM4EX SM5FWW W8MET YB1AR	266 HB9EFK IK4AU JK1VXE K0EOO K8AJS N0RN N1API PZ5RA RA4CA SV1HEP WB2GAI WB3LHD
277 9A4W DS5TOS EI8IU F5UJK JA8EOT K2AJY K6EME K8UT NK0S ON4CAS UW2ZM W1KSZ W1YRC W2PP W3BW W6DR W8RLS	274 EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K3PT K6UM K8DV K9MBQ KA8SYV KA8ZPE KS3F SP6JIU SV9AHZ UA3ECJ VE3YF W0EWM* W3ICM W8QZA/QRP	271 AA4FL IK2DZN IZ2FOS IZ8EJB JA8FFM JA9NFO JH1OCC K3PU K8RRT LA5SJA N4UOZ UA3TT W6TMD W7YAQ WV9L	268 G3SBP HA5PT JA1IAZ JA1NWD JA1VRU K0DD K1MAA* KD4W N2AJ N3RC N5JB N5ZC NT5V SM6BGG W2FV W2XI W6RS W9OO WA1YTW	265 4F2KWT G3UAS G3WPH JA3WLN JA4FM JE2UFF JH1ACA JR1WCT K2CBI KZ5DX N5KM N6HC N9JV VE3SKX W9JJB XE2X
276 DK3WW HB9BUN HB9LCW IZ5BAM JA6GPR JA7FWR JA7LMZ K2KA LB2TB	273 CT3KN DL9FCY JA1KPH JA2TBS JA6BEE JH2VVH JM2RUV JR3UIC	270 BA4MY DK8MCT EA1KY F6HLC F9XL HB9DHG HB9IQB	267 DL4DW EA3EQT	264 4Z1UF EA1KP EC1AIJ F6DBX IZ0NRG JA1SKE JR4LNG N1EN N1GC N6PM N8OC OH7TV PA7TWO SV1CQN VE6AX

W1KDA
W5PF
WV4TN*

263

DK4TP
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EA4DL
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JN1NBU
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WB4KTF
ZS6NJ

262

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NK4L
NV4B
NX0I
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W7QDM
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261

7K1CPT
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JE1VTZ
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260

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LY1G
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AF4HX
AK5X
DJ0UT
EA1JO
EA7SG
EB3CW
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IK2PZC
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JL1MWI
K1SM
K3EA
RU1AB
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W3FI
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WB7B

256

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JH1RGG
K4JJW
K6ZZ
K7GM
KB9DAK
KM6HB
M0TTB
VK3NX
W8JRK

255

AF5CC
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F6ECI
G4FKA
HC1BI
IV3TMM
JK1OPL
KR4F
LU6ETB
N1RK
VR2XMT
W0QQ
W8OP
W9FI
WA4CEM
YB1RUS

254

AG1A
BA7IO
CT1BWW
HB9DVO
IZ5YHD
JA0KJD
JH1VUO
K0GW
K3SEW
K3VAT
KI1U
LA5YJ
N2NW
NE6I
NE8P
UA3O
W7HPW
W8IW

253

AA3LX
AC9EM
AC9O
EA4DEI
FG4NO
HL2EIZ
JA1DDZ
JA6IVR
JJ1QUV
K6MKF
KE1F
KV4T
N4QWZ
N6KZ
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W6RW
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252

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JF6XQJ
JH4CBM
JL1BYZ
JR1VAY
K5FZ
K5IB
NF4A
S51NM
VU2CDP
W2ZI
W3ABT
W7CA
W8FIB
WA4JQS

251

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JH1UBK
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K4VIG
K8CW
KJ7TEA
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N4SC
N5UL
SM3LGO
SM5FQQ
SV8CKM
VE3YV
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W4SK
W5GAI

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JH3GFA
JH6PFY
JR0EQQ
JR5JAQ
K3NQ

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K9YC	W7IB	XE1RBV	G7SSE	
K9ZM	WB8CQV		IW3GJF	237
KA9UVY	WC3W	243	JA1DM*	CT1BOY
KF7F	WX2U	G4XRV	JA2FSM	HB9CXZ
KQ3F		IK2GAJ	JA3NHL	HB9HBZ
KS4YT	246	JA1MZL	JH5HDA	IW9DNI
LB5WB	GW4TSG	JA2EPW	K2RU	JH1DGQ
PA0JSE	IZ0BVU	JA7QQQ	KE8UM	JR0QFA
PY2FN	JG3RWX	JE0ART	KF0LA	K1RV
W4PNY	JK1WSH	JF2OZH	KK9H	KX2A
W7IU	K1YR	JS6TWW	KS4S	N0ODK
WA8MCD	K4JWA	K8ME	N0ABA	SM0MPV
	K8YYY	K9GWH	N4HID	W2DXE
249	KB6CIO	K9JU	N8NN	W8UN
AA9RR	KC9K	N4OA	PY2GG	WA0ROI
AJ4A	NJ7G	UN9L	SP5LKJ	WB8B
G3XLF	W1KMA	W1BR	SV8DOU	WB8ZRL
IZ8GGF	W4GE	W4LEW	UX5UO	YO3JF
JH8GEU	W5ZO	WE1P	W0SZ	
K4MV	W6AER		W5RF	236
K9NR	WS1L	242	W8WEJ	HB9ZS
N8HRZ		EI9FVB	W9LN	IK1IYU
N9PGG	245	JA1OVD	WC2K	JA1HOM
OZ5NJ	AJ8MH	JA4ZA	WE4S	JA1JYE
SM4OLL	EA5B	JH1ERJ		JA3KNN
UN3GX	IK0WMJ	JH1WJR	239	JN1NOP
W8IQ	JA3QOS	JR1MLU	HB9DQV	K1ACL
W9RC	JA6AVT	K3WWT	IZ1JMN	KM3J
WA2USA	JF1WLK	K4PB	JA0LXP	N4GN
WB8K	JJ6DGP	K4QE	JA6CBG	N6IE
XE2D	JL3OUW	K4YJ	JA7KE	OE2BZL
	K0VM	K7FEL	K2XF	PA0TCA
248	K9GA	KJ7M	KK0DX	W0HBH
DS5DNO	KF7PG	N2NS	N8SHZ	W2YR
G3KMQ	N0AH	N4XYZ	W8BLA	W4GIW
G3VPW	N4IQ	N6HY	WA6JA	WA1PMA
HB9DOT	N9JR	NA9Q	WB0O	WY6N
HB9JOE	NZ3O	NY1V		YB2TX
JE2VLG	OE3KLU	OH3OJ	238	
JJ1SKG	S55ZZ	RC2A	JF0JYR	235
N4XP	VE7TK	SM0DSF	JJ1JMZ	EA7QW
SV1IW	YB0NFL		K4JC	EU1U
VU24DX		241	K9OR	JE1IBI
VU2DCC	244	AB5C	KA4RRU	K5CWR
WB4CTX	DL8SDC	DS4GKF	KU8X	K8ZM
	HL5BMX	JH0OXS	KV4AA	N2FF
247	JA1CZI	JP1IOF	M0CSD	NA5Z
AK5Q	Ji6IHG	K0VSH	N4PJ	NW4M
CT1FUH	K0KG	K2NV	SP5ES	TA1CM
JE2EBT	K8EAB	K4KGG	W3MR	W7YW
JK7LXU	KK1W	KV1E	W4KA	
JR3VMJ	PA3BWD	N3PS	W5LO	234
K1PL	W4REX	N9SF	W5UQ	DK2CC
K1XV	W5PJR	W5DNT	W7HR	DK6OR
K2TER	W9DX	W5QM	WA4QMQ	EA5DFV
NA9RB	W9MO	YB1TQL	WB0TVY	HB9BYQ

HS1NGR
I0LYO
JA2OLJ
JK1BSM
K4MF
KE5FXE
ND4V
W3WST
W9YE
WA5UA

233

AA9GR
DL8DWL
DS3HWS
EA5AR
HB9VAB
JE3EDJ
JH1SOD
JJ2KDZ
K2HAT
K8BN
N4TOL
N9BX
NE3F
SM0XBI
W2NRA
W6YOO
WB2KSK
WD8PKF

232

AH0U
EW4C
HB9BNQ
HL2ZN
JA5NPV
JH6DUL
K3SF
K4ST
K5CD
K5FNQ
KB1DMX
NY2NY
RQ3A
W5GA
W6CYX
W9ZCL

231

AD5WB
JA2VHO
JF1MTV
JH0AWC
K9KE
KD6UO
LZ2XF

NA4EA
SM7NDX
W4DEE
W4UDH
W8LMG

230

G3LUW
JH7WQX
JI1VVB
K2SY
K9WX
KR6C
SM7WVZ
VE7BV
W2KA
W8WVM
WB2NPY
WW8W

229

AD7L
AE0P
G7IRN
HB9HVG
K0HD
K3FM
K4CMS
KD1F
KK4OK
KW1DX
N2SQW
N4NW
N4SV
UR5FEO
W1WC
YB1TJ

228

7J1ADJ
AA0MZ
F1RAF
F5LIW
IV3FFI
JA4CZM
JE2KSM
JF1RYU
JH1OGT
K4SX
KE0A
KE4UW
KE6V
RA3QUA
VR2CH
W1LE

227

DF8FT
DL2RUM
HB9HIT
I0MWI
JA0DWY
JK1SQI
K0IL
K0NV
K1GE
K5GH
KA1J
N1NU
N6OJ
SP7ICE
W5SL
WA9GON
YE4FNN

226

AC4VM
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I0OSI
IT9ODQ
JG1JPE
JQ1YIW
K2BA
K2SD
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KK2M
LB6KC
LU4FW
N2KX
N5ET
N6BM
N9AOL
NA2AA
NG7M
TF3DC

225

AA8SW
DK5RL
DS4AOW
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EA2AGV
EU1M
IV3AVQ
JA0EVI
JH8NQV
K0OK
K1JIU
K5YU
KN4PPD
MU0FAL
W0FG
W5GZ

W5TFW
W5VQ
W8UV
W9KVR
YO9FNP

224

AA4UC
E70T
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JO1LVZ
K0LB
K1CBK
K1NJ
N3RW
N7WO
RW4CY
SM7BHH
SP6AXW
V51B
VE6TL
W5THT
W6UC
W7NN
WB0ULX
WB7BBQ
WN6K
ZS2Y

223

AB4UF
AF2C
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IK0WRB
IK2RZP
IZ8MBW
JE4RAL
JP1GUW
JR0AMD
JR1JGA
K6IPV
KD2T
KI6CG
KN7K
KW4V
N4ENE
N8BK
W6GRV
WC4H
YL2TW

222

DJ9SO
DL5XL
E77S

IK8GJR
IZ7AUH
JM1VRW
K2AT
KB5UNX
KX4TT
NN2D
RA4P
VK5GR
W1DYJ
W4WN

221

EA2AAZ
IK0CHU
IZ1JLG
JI1NJC
K4CGY
K5DV
K5ZQ
KK4OW
KU4XO
KZ1W
NJ3K
RU0SN
WA0WWW
WB0N

220

AA4LR
AA6RR
DL4LAM
I1YDT
K1DJ
K1NTR
K1TZQ
K3DFL
K3SX
K4EU
K4MIJ
K5MT
K6MM
K7AWB
KO8SCA
KZ9DX
ON4ATW
SM7GIB
UR4IOR
VA7ZT
W6KK
WA9BZW

219

DF2UA
F5JSD
IK5QPS
JA1FJJ

JR7ILA	IT9AAI	JA1FVS	JH1FNU	YB0MWM
K5JZ	K5VR	JP1LRT	JM1SZY	206
KG6I	K7LV	JR1EFG	K0PX	7N4SQJ
KI7AO	KR4W	K9SG	K3NF	AG5W
KR2Q	KT4AC	KD4SN	KB4MRX	CT1HHP
KU4BP	N7WS	N4HN	KQ5M	HB9CRV
N1KC	NC4RB	N8GP	N9XX	IK3GBG
N2ZA	PS8ACL	N8NA	NK7C	IZ4DIW
N6DX	W0SR	NA2M*	NW7US	IZ5FSA
NN9X	W5AAJ	VK3FM	PU1KGG	JA4DNC
VK2IR	WB3D	212	SM5BNK	JF1IRW
W5DAW	215	JA1BWA	W1AW	K0MN*
WA3I	9H1EJ	JA3LDH	W6DCK	K1VI
WQ5R	AA7XT	JR2PZX	W8HMK	K8NK
218	HB9IIO	KC2SST	208	KK5OQ
DL2NOM	JS6QOM	OH2LHE	7N3IJT	N7NF
DL4NBE	JT1BV	PP7LL	EI5GSB	N8BJQ
G4VMX	K1ZJA	SM5AOG	G3WW	NJ1H
I7PXV	K2XB*	WB9PNU	HP2NG	W7IUO
JA7FAS	KF4NEF	WK4Y*	IZ5MOQ	WA3WZR
JH1FVE	KL7TC	211	JH0NOS	205
K5ALQ	KO6KD	BV1EK	K0THN	AC9S
KB2FCV	N6PEQ	JJ1KZZ	K2PF*	DL6UNF
KE3D	N7ELL	JO4JDU	K4WES	EA5HM
KK8MM	NU1O	K0KP	K5RJ	GM0VRP
LB2HG	W0TT	KT2C	K7PT	JA0CIU
N4FN	W1JGS	N1BY	KK9T	JA3UOQ
N4JT	W4IS	NY6C	KW4CQ	JA4DHN
N8AYY	W6HDG	SM5ACQ	N6ZN	JA7JM
N9KW	W6SL	VR2XLN	NN5E	JA7MNF
ND3L	W7JY*	W6WF	NW6S	JF2TJJ
W3BJ	WA6HBR	210	PY2RN	JO3WHB
WA2NPD	ZL2AL	CU3AN	W1FA	K4YYL
WB8BZK	214	JE1PHH	W5FPT	KI4WCQ
217	3A2MW	JH1FRW	WA6G	KL0S
7L2QAD	AB0X	JH6RTO	WA9DU	KM4VI
JA2NNF	DJ3AS	KD8RQE	207	N2KI
JA7ZP	JA7DPC	LA6OP	9K2BM	N3ND
JG5RVQ	J11WLL	N4TD	DG5LAC	VU2LBW
JH8UQJ	K0QQ	S54A	HI3T	WA4MME
K1RH	K2AZ	W0UC	JA7MAD	XE1J*
N6QI	KD1AB	W5WP*	K4GO	204
OZ0J	M0HIH	W7FP	K6ZP	JF1KML
VA3OKG	PY2RO	W9IL	K9FZ*	JL1GYZ
W0TM	W0KCJ	WK8A	KB5HC	KM9E
WB6CJT	W2CQ	YB0DJ	KE1VT	N5QS
W17P	WB6BFG	ZS1J	KF2OG	NC2Y
WW2DX	WY1G	209	M0IKW	NO0B
YO3IPR	213	DF3EC	N9AKR	ON6KE
216	9A1AD	DL4FAP	OE1JIS	VU2IBI
CX2CC	AG3V	IZ0GYP	ON4ANN	W4GP
DJ3XG	DK3UA	JA2MNB	RD9M	W7IV
F4WDL	IZ0BTB	JA6ENL	VK2CA	XE1L
I5XFD	JA0LFV		W1MJB	
			W9QO	

203 AE4M F5NBX IK2RGT IZ0CKJ JA7JPZ JH8NBJ K0CS K2CYS K4OY K5DCW K8YE K9OW KA1DJ KB7AK KM7R N4TV N6PAT W3BNN W4JVN WA3FRP	PY3VB VK2HV VK6LC W2NY W3ML W9WO WB9W ZS1DX 199 AA3TH AC0X AD4AA DL5EBS DM6MA I4UUL JH0RVY K4VNY K9AQ MU0GSY N2RR NM1G PB9FN V51YJ W9RXJ WB4YDL 198 AG7N DJ0MCH G1VDP IT9IPQ IV3BSF JM1ESG KO4PRE KQ4EE RA3BL VK6OZ W6SHY WA2VQV WB4DNL XE1FAS XE1R YV5LI 197 4X4MF BA4TB EA1DLU JK1DDG K8SIA KG6DX TF3JB W4DAO W4HZ WD8KND WF8R	XE1H XE1YD 196 AD8P* HB9BOU HB9ESS I7LGM I8YAV JA7FVA JP7FSO K1JD K6EGF KA5JSM N2GZ N3QE NA9A OZ1HPS SP3F SP5MXZ W6HYI W6RKC WB5NHL 195 CT1ELF IZ2EWR JA3AVO K4KEW KB9AIT KE4S KF9AF N3XM NA6MG OH6NIO SQ7FPH VE3YXO W3SB W9ROG WQ5T 194 A65BD EA1WH EA5ZR EA6LP K1LT KM4HQE KP3AH KR8T SP6Eiy W2OR W4DC W5UHQ W7PAQ WA1NXC	193 7L4VYK AE4CW DH3KM IK2ULM JA0AXV JA1QIW JA3PRM KM1C LZ2ZG N3AIU N6DHZ N7VPN NU4B PY8WW SM5ELV SP5IXS SP9IZV W8NN 192 4X6KJ AD0K F6FYD IZ7GIT K5TN K6XN KJ4UZU KJ4YLO OH3PYY UR3EO VA2IG VU2MSA W5SUM W8QXR XE1EE 191 AA4NC G4DDL HA5CW JK1AJX K1RI* K8QKY N4DWK N7MQ OZ7DN W0MS W0PE W5CCP W5IP W8UQ WF1H WI8R WV2I	190 AA4U AG5CN DJ9KV E74K EC7B F4DSE GM4KHE HL4CCM IK1UGX IW7EDZ JA2ITK JH7NTW JH8KFE JI2UDK JK1BIB K5RKS K7UT K8ZT/QRP KD0AA N6MXU N9ATF OT1A SM0BYD W2CG WA8LRW WB4GLI 189 DS4NPL IV3KCB JA1SGU JG1SWM JH3FCF JK1JAS K6JAT* K6UXO K8OS KY5I N2MEE N6NU NA2U RM3DA RN3CT SM4BZH W4AEJ W6DPD YB4CHP 188 EA7AN JS6SCC K2AX K2DC N0STL N2ZZ N5FEE
--	--	--	--	--

OZ9XU	K0RAR	N0SL	177	JH1CTV
WV4V	K3JM	N1HO	4X6UU	JL6USD
YO2DFA	K8EB	N6VS	AC0W	JQ1PCX
187	KD2SC	NV4A	IW8CGX	JR3TOE
AF6PK	N4MIK	PJ4/NA2AA	JE4KCN	K0PC
JA3EEM	N8JS	UA9AEU	JG3KLF	K9HQM
JK1NPH	NW7M	W5JMW	K2JL	K9UQN
K0KV	SM2EJE	WB9B	K2MK	KN7Y
KM4NS	UT7KF	WC0W	K3OX	N7NW
LA4JGA	W6BK	180	KF4VTT	N9IO
N4ST	WB2HJV	A61BK	KP3V*	W5WI
N6VNI	WB3BFC	AA4AK	N4GBK	W7JET
NG9J	WB5STU	IK1ZNM	SM5CBM	WA4BIM
UN7BY	WX0Z	JH1IZR	W0IKD	WA4NUF
W5BK	183	JK1EBA	W0JW	WB8QZM
W5ZE	JA2KSP	K8SL	W1AO	173
WA6EZV	JA3UNA	KD3HN	W4DTA	AB6CF
186	JA4GXS	KI6MQX	W4KVS	AE0MO
AA8KY	JE4CIL	NA5S	176	AI9U
CT1ESO	JF1LZQ	VR2XYL	DL6NW	EA3HDZ
JE3FOR	K6LRN	W4DSM	F4FLF	HB9DVZ
JN4FNZ	K7STO	179	HL1VAU	JA5MOO
JR3ADB	KL7TS	AA5TL	JR1FHP	JJ1BDX
K1BZ	N7JB	AB4GE	K2RET	K4SAF
K4WM	SP2LLP	DL5MHQ	K5CR	K6UNE
K5EWS	W6TK	G0OSK	K7CTV	K8JE
K5QX	WA7BNG	JA0ED	KK7YC	K9QJ
KC6X	YB2TS	JA1BON	KT8D	LA9VBA
VE3NJC	182	JG1RYQ	N1JP	N4BAF
W8RV	I5FLN	JH1XFR	VE1VOX	N5PA
WA5IPS	I8LWL	K4WZ	WA3GNW	N7HN
WZ4RC	IU8IYE	KE5TD	WD4IXD	N9DR
185	JA6SQR	KJ6NZ	175	NA6O
IU0ICA	J11CQA	KZ2R	4O3A	NC7B
K3PP	K7LAZ	N3KV	IW1PUR	NX2X
KE5BR	KG4JSZ	N3ME*	JA1PVX	SM0EUI
NZ3M	KS0JD	N4MI	K1ROA	W2PD
NZ5O	LA5LT	N5SIX	K4WY	W7VAS
OZ3SM	N8NB	SP5ELW	K6NR	WC4X
UN7BK	VU3CAU	W0ZS	KD4POJ	WY7FD
VK2AAH	W6FL	W1HS	KF6HI	172
W0QC	W6SFK	W4CCS	KN7D	AA5N
W2WG	W7WZ	W4GHW	KW4J	G6MXL
184	181	W4TUN	N7GCO	HK3PJ
AD6ZJ	EA6UE	178	N7NG	HL1MKT
AE5FM	EI3CTB	AC0DQ	NS3L	JF3VEC
EA5RU	IZ4AIB	EA8AXT	UA1OM	LZ1XL
EI1DG	JA1SZN	IW0BYL	UA9AGX	N3AO
G4AYU	JA8KAW	JA1ERB	VU2YYF	N6VH
IK0HBN	JH8FIH	K1ZE	YB1RKT	NC1M
JE3PCP	K1XE	KU1T	174	W1ASB
JG1DUZ	K3VAR	KW9U	AG4Q	W9CSX
JL1JVT	K5UZ	W7HUY	DL5KUA	YB4IR
	KY6R	WB6AXD	IU4BJC	ZL3RJ

171 AD3C CT2GZE DL5MM F9CI G0THF IW5EIJ K2TV K4NTO KB0V KC5LK KP4DKE N7WI N8WRL ON6MX W0MU WA4DOU WA5KBH	KI2D N5MT N6MB RD3BD SV1IZY W0AIH* W7IAN* WA6QGH WB8EKG	KR4BD KR4DA NU4Y SV2CLJ VA7DX W3DIY W4PGC W8SAX WA1ZIC WA5NOM WB3JFS YO3AIS ZS6IR	N2XQM NA2P PT7DX S50B W1XV W4IDX W6SIY WA5CMI* WB4MM	OE6BME W4NBS WA1LAD
170 AD5MD DL2JIM EI5KO EI6AL JA1GVT JG1GJH JJ0LZQ K3GT K6JJ K7CU LA2GH LB7ZG LX2SM N3WD N4VN N6EM N8VV NJ6W NX4TT SP7QHR VE1OP VE2YG W0JMP W0OGH W4PGM WA4USA WA9IVH YO4AUL	168 A92IO EW1P JA0PZJ JA4FKO JH1ORA JH3EQP KB7QFE KF9LI LA9KY LU8ADX LX1CW OE1ALW R4FAN SV1XV VR2MY WL7OU	165 AG6HE CU3HN EA7LS HB9MX IK0XIH JE4WOK JR1KBJ JR6LDE K3VPZ KC3AK KG4CUY KG5NP LA2XPA N1QY N2RJ N3KS PT2ND RA0BA RL3BZ VK3TC W2FS W4CIR W4DWS WB2WPM	163 AA4OC AB2E AI4QQ AK9B EA1AZ F4CPF HA5BSW HB9ARK IU5RTR IW0ECV JA0MRW K0ABC K0CF K3GO K4GN KE1B KW4MM LA1CO N0AMI N4KM N7KDT N9LEO OH3DP R3IS SM7CZL VA2LC W1OK W8FN W8MIL XE2YWH YO3DDZ	161 9M8DEN HL3ERJ K2OP K3GW K4AR K9UO KM4A N7QT N7VZ NA6XX NA7RH OK2ZDL SM3PHM W3UNX W4MA W5RDW W6DOE W9GG
169 DM3CW HB9GIV JA1KXT K1EDG K8ZZU K9OT KF0RQ	167 HB9GWJ JA8BOV JE3OUW JI3BFC K0SRL K3GGN KB8NTY KE3X KH6XT KV7N N1ZJ N4PL N8OQ NF7D PY2SEX WA0SXV WA5NFC	164 AA1BS AC4BT CT3DL DL7JRD EI6IZ IZ0GVZ JE2DOD JH1BHW JM1JZN JR7XOD K0YL K6CF K6GFJ KA1API KB1HY KD8MQY	162 4F1OZ AB1J BH4IGO DJ7JC DS3EXX HS8KAY JA1IHD JG2LGM JR4CZM K2HT KC4HN NP3CW NS4X	160 F1OBJ JA1ITJ JA1UOA JR1CAD K7LY KM2E KM2O N0IW N4MEC N5WA N8IL NI5F W1TO W9FF W9NIO* YO8CRU ZS1C ZS6RJ
	166 AL7R DL1SVA GM7NZI HL4XM JA0NZR JG3KMT JR6GHN K0FLY KN4FO			159 AA3AZ AD0TR DD0VE DK8IZ EA1P IZ0FUW JG1WNO K0IO K5DXR KN6VTC KO4DKI LA8ZAA

N1MD	EA3HPX	N7TM	K4DET	K4TXJ
N4VG	F5NNN	NE5W	K5KEW	K8SMC*
NE5S	G4FTC	VE3FAC	K7LAY	K9EXY
TF4M	G8BCG	W5TMC	K9AAA	KP4DS
VA3NXM	GM3WIL	W8TM	KE4BKL	N0LGU*
W1EBM	HB9HHH	WA9MAG	KE8G	NE0U
WA1W	I4JEE		KK4CLY	NR0Q
WD5BJT	IZ4IRO	153	KQ5S	NZ0O
XE1MW	JA1CCG	HB9BEM	N4AA*	RT0F
ZS6C*	JA2ODB	JK1AKA	N7MB	UA9MC
	JA9RT	JR0GXA	NU4I	W1DAR
158	JF2RSF	JR7MAZ	SM0NUE	WA1EHK
9J2BS	JL3DGI	K8RCT	VA3EJN	WB1ASL
G4SGX	JM1LPN	K8ROK	VA3HP	WF7T
IK3DVY	KA9OKH	K9MMS	W3HER	XE2B
JJ1KXB	KD4EE	K9UWY	W5WLA	
K3LL	N5QZ	K9YZ	W6WA	148
K4HQB	N7RD	KK4XL	WA6MRK	4F3BZ
K8GWU	W1MR	N0VVV	WA9JWL	A71AM
KB2XJ	WA1KXV	OH3FVP	WB1DX	AI6P
KC9WPS		SP5NON	WC2C	CU7AJ
KF7NN	155	W8PE		EI7GY
KJ7NO	5P5Q	W8VK	150	JF2AIJ
M0MCV	DK3QM	WB4SON	DK3BK	JR3PKO
N4XMX	DM5JBN		DK3FB	K0QB
N6MM*	IV3TDM	152	DL9SAD	K5LY
N8TFD	JA0EBV	AC6BW	EA7LL	K5VG
N9AZZ	JA6SUY	AE5B	EI5GM	KA3GWD
PY2CP	JH1AQN	BX5AA	HB9ECS	KB8ZUN
W8LIG	K2CJ	DF2WF	IT9ABN	KD3UY
W8OM	K2DF	DU1KT	IZ2MHT	LZ1MDU
WB2RAJ	K4EZY	G4AFJ	JA7GZM	N1ZZ
WB9ZNZ	K8WHA	IK5BSC	K5HK	TF5B
WT2P	M0IFT	K1IG	K6VVK	W3IZ
	N5JED	K2EK	K9RT	W4AFB
157	N8IK	K4RDU	KI7M	W4AG
E20YLM	NO9E	K6LPO	KX5U	W8VI
EI2JD	NU1T	KD2OV	N0TK	W9GM
F6KOP	OE1HHB	KE9S	N6JOJ	W9MAK
JA1UBZ	UT7EC	N2TC	NC6RJ	WY0V
JA3MHA	W3DQS	N9GKE	NM4SH	
JG1XBM	W5SV	NJ1Q	NZ6N	147
JH2AJY	YB1AYO	ON4LG	ON6ZV	AB9KZ
JH2NWP		ON8PHD	SM0BSO	DL6DCD
LA2IR	154	R9JX	TF3Y	G3VQO
N0LD	AC8TO	W6RFF	VK1AX	IS0/YO3RA
N4QM	DS5WQT	YV4DYJ	VU2NXM	JK1OTP
N5JEY	HK3J		W3KB	K8MRT
N9MB	JA0GZZ	151	W4NE	KB9LIE
NH6L	JA4HXF	DF1IR		SV8RX
NJ6K	JA8ANQ	DL4KUG	149	VR2VGM
NK7Z	JE6PJP	IK8OZV	7N2JZT	W3KN
PY1NS	JR3QHQ	IZ0FYW	DL1MEV	W3NRJ
W3HKK	KC1ERO	J68HZ	DS4DRE	WB1S
	KC4DM	JA2BUR	ER0FEO	WB8TGY
156	KJ2U	JE1COB	JA0JPD	
AA4DD	KL7NW	K1QN	K2KIB	

146	KS8W	N1BCL*	DL5KUT	JA0AVS
AB9BH	N5PD	SV2JU	DL5ZB	JG0HEW
EA4D	N5UE	W1ITU	DS3EXT	JG5DHX
F6FHZ	N9MSG	W1NA	G0FWX	K3WGR
G3LAS*	RN0C	W5GOL	GM1TBW	K8CQ*
HP3TA	UY2UZ	WK9U	JA0CVC	KI2Y
JA3KWZ	VA6SZ		JA1VRY	NT5EE
K7QBO	W2FDM	140	JA6NQT	ON5GF
K8ARY	WX2CX	AC9GK	J11DMH	ON5RKN
K8POM		AD9DX	JQ2MPJ	OV2B
K9AAN	143	EI6JK	K2YSY	VE3FRR
KM8AM	AA4MM	K0UBR	K9BO	W0ANZ
N1BRL	AF3X	K3HPA	KC9G	W4GH
N4KEB	DB4RG	K5GZR	KD2RUY	W4PV
N6FS	FM5DN	K6EV	KF6A	WX2K
N6RK	HB9AAA	K6GCN	KM4CQG	
N9MR*	JA1MOD	K7VC	KU9S	135
N9XG	K2OO	KB1OIQ	N3PV	AB4FH
SM3DXC	K9BQL	LA8PDA	N9BVA	DL4ZAB
VE3NKS	K9MQ	LZ2HM	NT9F	DL6WM
WA2MUA	KE4FW	N7TW	OD5YA	GM1BSG
WA3SKQ	KG6D	NS0D	PV8ABC	GM5YTT
WW8RT	KI4R	NZ9Z*	V31CQ	HZ1GW
WX3P	KJ4R	PA0QRB	VE3MSC	IW1GEU
WY9V	LB2TG	SQ2BXI	W0UHL	JA1DCK
YB1BML	N2YBB	W5VU	W4VG	JA3MIO
ZS6UT	N4UP	W7SX	WA5POK	JA7MWC
	N7ZA	W9BS		JF2OHQ
145	TG9AJR	WW6G	137	JJ1HLL
5T5PA	W4UFO	YB3MM	DL2RD	JL2ULM
7K3QPL	W7VS	YO4CPO	G3PSM	JM1CMA
AA5H			JH1SBE	K4OP
AC7JM	142	139	K2CDJ	K5SES
AL7TC	HB9TJG	EA3NG	K2RKJ	N6DW
EA4S	JA1PUK	F5VML	K6IRA	NX8Y
IZ2CSX	J11UHZ	HB9DTE	KB3IFH	S53MJ
JA5SEY	K1AJ	HL4CBX	KI0HA	W5IO
JJ1OKK	K4AU	IZ8EYN	KP4N	W7QHE
K3EJ	KA6BIM	K2IRM	N0YO	WA7HR
K5FXB	KE7BMG	K2WJ	N9NFT	WB3AVD
K6CW	LA1J	K9TRV	NI4Y	WB6FWS
K7YMG	N5RN	KB8KIM	OE3JAG	WB9IWN
KF4JHG	W7KKC	KX4I	PY3OG	WO5I
KS0M	W8WV	M1EMC	SM5CSS	WT3Q
N6KK		N0CKC	SP3EPG	WU1U
W2RS*	141	N2SG	TA1AL	YO3GJC
W7NP	9H1AE	N7UJJ	W2GGY	
WR7Q	EA1T	NF6P	W4UEF	134
WU7X	EI3ISB	PY2OP	W9MR	AB0RX
	F5DBT	R9MJ	WA0WOF	AE7U
144	HB9EXQ	TA1PB*	WA5YOM	EA6AZ
AD7Z	IZ3XEF	W4EJG	WG0G	HB9PUE
EI7JZ	IZ6ERS	WA5YNB	WS1F	IZ8DEO
GM0VIT	K2JK	ZL3TE	YB2IQ	JA6GXP
JJ1XVA	K4RM			JH7RTQ
JR1HYA	KA5SYP	138	136	K3KY
K1TKL	KA5VFU	AC5AA	IS0EBO	K7FL

K7RAN	KI7HO	WB8RFB	W9TO	N1GNB
K7YZO	KK5ID	YO8PS	WA2BOT	N2SCJ
K9JDP	KY6AA		WA4UWD	N5HC
K9SUH	M3DFW	129	WC4V	N8YQX
KA9JCP	N3TR	AD6KQ	WP4CQ	NC7M
KC2STA	N4EDT	CR7BRV	WQ1H	VE3TMG
KD0KZE	N4QOG	DS4EJA	YB0AZ	VK2DAG
KF5WCP	NN3V	DS4OMS	ZS6AKU	W3ATV
KN4OK	ON6YH	IK8PGE		W9COS
LB5GI	OR4K	JA1PLT	127	XE3E
N1AH	OZ3SK*	JA2ACI	7Z1HL	
N6XT	SM7DXQ	JA3WMS	AG4TO	125
SM3WMU	UW7UA	JH1RFM	DJ5DT	AB5GU
W2KNG	W3KHZ	JN1SUT	DL5FAC	AC4XO
W4UAT	W4MC	K4CNF	EA4TX	EI8GS
W7FI	W5FL	K7ORK	EI4BZ	G4EHT
XE2AD	W8PAT	KB4KBS	HK6K	JP1GVC
	WA1HXX	KS4WA	I2YPY	K1FUG
133	ZS1EL	KX7L	JA0BES	K4TG
7J1ABD		N9AVC	JG1LRE	K5NOF
DG1SGW	131	SM2YIP	JH1HRJ	K8YAH*
DL8OH	JA9EJG	VK5CE	JI1MNT	K9ARZ
G4NBS	JH1IY	W7TG	JJ2VLY	KK5J
HB0WR	JK8VMB	XE1ILI	JR1LZK	NN6CH
HK4EB	K0ARM		K2GW	SM5AFU
JA1IFD	K7GA	128	K7LFY	W0XE
JA5IBP	KA5IAU	A71XX	KF3N	W4AO
JM1JIV	KD2NF	AF8C	LA2LI	W5CWQ
K6ME	KN4WOJ	EA1AHA	N0AB	W6ELI
KG6WIK	M0NGN	EI3IO	N1BZ	W6PG
KI4TZ	N0AKC	F4GTB	N3GTG	WA4TMJ
KK7MNC	NG4DX	HL2DBP	NA1RL	WM4AA
N1KBK	NN6K	IV3TMV	ON5EQ	WR2G
N3HYB	W5EC	IZ1UKF	VE3EDY	YB5WIR
N5EI		JE2VYM	VU2TMP	ZL3PAH
OH4KRN	130	JH1AWJ	W0MF	
OH7HM	AA4QE	JH4GXE	WB2KSP	124
VU2ABS	DL1SWN	K0MD	WB9TFH	DJ3EJ
W1GY	JA2LMY	K6OJ	WC2L	EC4KW
W3GP	JH3PRR	K7PTC		EI8IQ
W3MF	JL4BSE	K9YKL	126	G4RGK
W6OUL	K0BX*	KC2THY	EI4HH	IK7ZLW
W9SE	K2MHE	KC2WUF	IK4TVP	IT9YOZ
WB2AA	KB7V	KD5R	IU8GNY	IZ5BYJ
WC2W	KD4CM	LU6XQB	JA5CDL	JA3AOP
	KG2U	N0DL	JA5XPD	JK1MJE
132	KK7BR	N0JR	JA8WGX	K3SUI
7L3SQL	KN4JX	NI0P	K0AIZ	K7HC
AA4FU	N1SZ	PV8AJ	K2GLS	KB8DID
AK3E	N2YF	R3BB	K5KDX	KC2NJ
AK6I	N6BDX	TF3MH	K5WRE	KC4AA
I8NLC	NS4F	UR9IDX	K7PO	KD9ZR
IZ0COI	OZ6TL	W0QD	K8GT	KE8NOA
JA9KRO	PU4MMZ	W5MF	K9QA	KK4TKJ
K4BNF	W1MO	W6IS	KC5RR	KV8P
KB4DSL	W4BH	W8BI	KK4CB	N4LSJ
KG8OU	W9CTJ	W9EBO	KW4WD	N5VBK

NT4K	K5TU	CT7ABD	W8EOG	N2IFA
W0DD	K7BWC	CU2CE	W9JJ	N8AGU
W6ND	K9KJ	DS3DNT	WF8Z	NG0G
WF5I	KB4ET	DS5QLJ	WJ1B	VE7NY
WW5L	N0UCR	F5AQB	ZL2AO	W3LWH
ZL3REX	N4GRC	IK8IPL		W4ARK
ZS6NK	N9ATD	IT9JPS	118	W4PG
123	UT9LC	JA1DCO	6K5AQY	WA6VZN
AB4BJ	W1ES	JH5OTE	AE1T	WB9WHQ
AI5EG	W1HEO	K3QB	AJ6X	YO6HOY
DJ6OZ	W1KKG	K4IE	DJ9KM	
DS4DBF	W5HNK	K9CHP	IZ0RPS	116
G6NHU	W6HB	KJ6Y	IZ1JIZ	6K2ILX
IK0XKP	WA7HQD	KM5VI	JA1CCH	AA0FT
IZ8LMA	XE2MX	LU3XX	JA2KPW	CT7BQH
JA1GLE	121	N1TQP	JA3KKE	EA5GXI
JA2HOL	AK0A	N2SO	JA6CMQ	G8GHD
JH1RVQ	DL7UGO	N3DV	K9KJS	JA5GOJ
JL3RNZ	HA2EQD	N3GS	KA9JAC	JF1AZQ
K2JGL	IK6BMU	N4PGL*	KB3KJ	JR4DHK
K3DQB	JA1CPN	N4UFP	KD9BIE	JT1CO
K7IU	JA1EYN	ND0C	KG5VK	JT1DN
KB1W	JA1WTO	NJ8G	KM6WXB	K1EO
KE7AUB	J15WDC	NR2D	KX6C	K4GHS
KG4OJT	K1LTJ	VE3QAA	LZ1XZ	K4LCP
KN9N	K3CWF	VR2ZXP	N2ADE*	K8JRK
LA2XNA	KK4ODQ	VU3RGB	N2CJN	K8MN
N1ECC	KU2A	W1MJC	N4ZY*	KC1RET
N1GFV	N0TR	W1RG	N8KUS	KD5RBU
N4DOU	N3ER	W3MRL	NA9L	N0ATQ
N6DVR	N5ZY	W5RYA	R6TY	N2ZL
N9RE	NA2R	W6GJB	VR2CC	N3CAL
OH3TY	NA4MM	WD0ANB	WA7ZXD	N7LL
PY2ADR	NY4G	WT5L	WA8RCK	OE6CLD
SV7CUD	OZ6EI	119	WB5TOI	RW6MBC
VE3VHH	PP2FN	AF9W	ZS2I	SM1NJC
VU3WUA	TA1L	DL2VWR		VR2IL
W2ARP	TA7AZC	F5BAR	117	VY2RU
W2WGK	UA0FDX	HL2MHU	CE3FZ	W1HQ
W4UT	UR5FLN	JA2KGQ	DL9QJ	W7QC*
W7WES	W0LGQ	JA6JYM	F8EZE	W9LU
YB9WZJ	W3/NH7C	JA7HYE	HB9MZI	WA4VJK
ZS1IS	W3JXP	K0FJ	IS0BZR	WT9U
	W4CC	K0JDD	IZ7QFN	WW5RC
122	W4KCM	K2CQW	JA9KA	
5H8HZ	W7PC	K7LOL	JM3GXU	115
AA0BH	W9MB	KG5POL	K0FF	AA9WO
AA5B	WC9C	LU9DO	K3UT	AF7WM
AB5YI	WQ8T	N8ERL	K4AEH	E74A
DL6LZM	WU9D	N8LCU	K9LCR	EI4GNB
G0HSA	120	SV1BYI	KA4AHU	HL4RBR
HC1HN	AA2T	SV2KF	KB2S	IW2FLB
JA9ALR	AC4TO	TA1HZ	KB5CSQ	JA0NPQ
K0HQW	AE5LK	VK7AP	KE9V	JH8LEY
K4OCE	AI2S	W1ZK	KO4PY	K1RE
K4VAC		W6ZPL	KP4ED	K8CR
			KZ1X	KA1CTL

KB4CRT	K1JKR	SV2BXA	K6SLO	W7VP
KG4URP	K2KNB	W1USN	K9TVG	W8MSP*
KW1X	K4JDJ	W3WN	KF6XA	WA6URY
MM1PTT	K4JLD	W4LLP	KF8PD	
N7PIB	K4TR	W5GCX	KN6HIP	108
NE1RD	K7MO	WA1DD	KO4LEM	7M4CLF
NW6V	K9DUR	WD8LTM	KV3W	AC0XY
OE5MPL	KA5OWI	WF4W	N1TQ	AC8MR
SP5BMU	KB2TGU	WM4D	N3TTT	AC9DX
TF3G	KC0V	WN1M	N3YZ	DB9CR
W4OV	KH6P	WW6W	TF8GX	DK1MCS
W5WS	LB8CA		W1ZZ	DL1TPY
WJ5K	LU3JVO	111	W5JE	DL2AMD
WS4H	N4MC	AK4N	W6TCP	DL2NAI
	NC6R	EI9CN	W7UV	DM5TI
114	S52R	F8DZY	W7YED	DU1IVT
EI2IP	SM7TZK	G4FVZ	W8TE	EA5XV
G3CWW	SV2DSJ	G4PUQ	W9GFB	F5VIF
G4HUN	VA3AYA	G4ZWY	YB1SKR	G5CL
HC1HC	VK7ZE	JA5EEU	YO5QAW	HL5JYS
I0BJV	W1FC	JA9IWR	ZS5LEE	IK1RKN
JA1CPU	W3JM	JE1TNL		JA2DCN
JA8EIA	W6BBS	K2KYH	109	JH1OVY
JG4OOU	W6KF	K5NV*	AA4RX	JR4NUN
JM3XZC	W7CD	K8ZEE	AC8AZ	JS1LQI
K3PL	W7SMW	K9JIG	AF3K	K3XO
KI8AE	WB2UFF	N4NYY	E70X	K4PWS
N3DD	WB9YJE	N9ARX	F8DHE	K8LBT
NA1DX		NT5O	G0MMI	KB2GCG
NG8T	112	P40P	JA1IAW	KC5N
NK5K	3C3CA	PT7CB	JA1QEY	KC8YG
TF1A	7Z1CQ	TA1UT	JH4GNE	KE3ZT
W0QKL	AD4YQ	TA2RC	J11ZS	KG4IYS
W2ZK	AJ6V	W7WT	K0FD	KI0KN
W8LR	EI8JB	WA1JQC	K0TI	KI4SFT
WD0AJG	G0DTX	WB8PKK	K4AEN	KJ2AM
WN0L	G3VAO	WU4B	K6JAD	KJ4SKO
YB2BNN	G3YFE	WW4N	K9JE*	KO4XI
ZS4JAN	GM0SCA	XE1ZTW	KB3Z	LA4EI
	IK4EWN		KB7DT	LU2AH
113	IS0BQE	110	M0AQM	N5FPW
AB1NS	JA4DLF	AG5Z	N4LS	N5TW
AC0B	JA4RED	CT7ANG	N4WD	NJ2X
AD7XG	JF3AHI	DK4MX	N6RVI	VE7VV
AJ4AV	JH0LME	EA1BLA	N7TP	W4DVG
DL2DCX	K0XM	EI9HX	N8XS	W6CN
EA5DPL	K4HEB	G4VWI	NN8L	WB5ZAM
EI2FG	K4ZMV	HB9BEP	NS7K	WB8LEM
F5EOT	K4ZRJ	HG6IA	NW6R	WC4B
F8GB	K8CJY	IZ1EPM	NX1P	
G0UII	K9KDS	JF3KOA	PF7M	107
G4NAQ	KW8I	JR2PAU	PV8DX	AB7RW
G4YCS	N0OK	K3MSB	SP7ASZ	AK1P
HB9GZE	N8AID	K3WSU	T88UW	BG8PA
JA2CPD	NQ4A	K4KAL	W4JDS	DJ5FZ
JA4CSJ	NZ7Q	K4RP	W5SG	DK2GP
JH1GNU	S51DV	K6DJ	W7CB	E73D

EA2BFM	KI4NSP	N9IXD	PY2YW	W8EH
IC8XIL	KM8V	ND4K	RK2M	WA8KNE
IW1PVT	KT5V	NK7L	SP5DAA	YB1ALL
IZ1XBB	M0PCB	OH6IH	VE3ZN	ZL1IM
JA3MAT	N4DJT	PV8RR	VK3MB	102
JE1CTA	N6UOZ	VU2DED	W0VU	4X1VF
K2FJ	N7MW	W0PPA	W5PD	5W1SA
K2ZD	N8OYY	W1MRH	W7KHZ	DB2WD
K4LQ	N9ZJ	W1PY	W9GXR	DL4FDM
K6DLB	NG4C	WD4OHD	W9SMN	IZ7QSS
K7UWR	NI7F	WK3A	WB4HMA	JH1IHG
KA4LBD	PT2DF	WK7W	WB7QXU	K1MDA
KB0EL	PY2OC	WZ9B	WX0B	K2DH
KC1GN	UA0ABB	YV4EH	YB1BUL	K2DW
KF2G	VE3BHZ	104	YO6HSU	K4HR
KJ4FZ	VE3XK	7N4OBV	ZS6HON	K6BLG
KR4U	VU2MB	AA2WC	103	K6JAV
LU5OM	W0TLX	AA6XV	AF8P	K7JH
N0MHL	W4/KL7GLL	CT3DZ	DS5JMG	KA8HDE
N1UZ	W7GB	DD8BA	EA2RY	KB1AWM
NI8Z	WA3IIA	EA4EJP	EI9GLB	KO3F
PP5VA	WA8Y	EI3HA	FM4LV	N2FY
RM6LW	WV4E	F6ARS	HB0RER	N4IR
SV3EXP	YU1LD	G0DRM	HL2ADO	N8KOJ
TA1CQ	ZL3RIK	GI3SG	IC8SQS	NA4D
UX5XK	105	GW0ANA	JF1KIG	NN5O
V31MD	AA2F	HA5DI	JI1FXS	R9GM
VA2GA	AI1W	HB9BMY	JI5RPT	S51MA
W5HY	AP2IA	HS3OY	JP1KHY	SM0XG
W8JA	DL9GTK	JA1CC	K0FTC	US8ZAL
WB2BXO	E29TGW	JA1DHY	K0LU	VK2GR
WB2MKX	EA2AA	JA1RBY	K0OOK	W0RMS
WM4W	EA4E	JH1MYJ	K1FBI	W0ZX
WS7I	EI6GF	JI4HKA	K2RNY	W1GF
ZP6CW	FM5FJ	K0BRO	K3PIN	W4ASE
106	G3LOJ	K0HB	K3TXW	W7FS
AB6WQ	HL4GHT	K1TWF	K4NI	W7HJ
AC7DX	JA1JYS	K4KZM	K4SAW	W7IMU
AC8IL	JE2VVN	K4WW	K6XJ	W9GWP
DS2GOO	JE6UWU	K5JUC	K7HV	W9TVX
DS5MNO	JJ2BLV	K6WY	K9WMS	WA7VHT
EA3AGY	JK1AIA	K7UW	KA7CVJ	WB4PWZ
EW4DX	JS2IYY	K8WVA	KP4DDY	WB7QBS
F6JSZ	K0DKR	KE4YOG	KQ6K	WD6T
G0OJG	K0MB	KE8Y	M0UPL	WD9IOK
G0RPM	K1RI	KF9EX	N1MIE	WN9A
G3LPS	K5WE	N1FOJ	N4MTT	XE1SAX
HI7SB	K7CMZ	N3PW	N5OP	YB0EIN
HS7WMU	K8FB	N4PAJ	N8URE	YB9AY
JA3FRI	KJ8N	N4ZR	NB3R	YO6BHN
JF7NNI	KK4MA	N8TEM	NI5G	ZS2ACP
JJ1IRS	KZ4EX	N8WXQ	RX3BP	101
K1XO	LA9JKA	NA8W	VE7XT	AA9D
K6US	LZ1JZ	NS7U	W0RSJ	AB2NI
K6VWE	N2YU	OM6CI	W2SUB	AB4EJ
KA9TOX	N9APK	OZ9U	W4CU	

AB8YZ	W6OU	K1PTF	R2AB
C31MF	WA1INC	K2UF	SP7LPD
DD9WG	WB5KSD	K2UT	UR8IDX
DL3XAC	WM5H	K3NO	VA2EU
EA4OR	WU6K	K3RRR	VE1JF
EA4UV	WX7B	K4GM	VE3KKB
EA8TZ	XE1AO	K4KYN	VE7ON
G3VDB	YB8HZ	K4QS	VR2PX
G4GEE	YO2OXD	K4RSA	VU2OY
G8GNI		K4TMG	W0WT
IK2HLM	100	K5LLA	W2MW
IU2LFP	2E0XAR	K5MMH	W2PTP
JA1KZP	7L3IUE	K5PSN	W2XX
JA5ALE	A41ZZ	K5VSD	W4CG
JA5JUG	A71EM	K5YE	W4DFU
JK3NSD	A71UN/P	K7RB	W4YR
K0GEO	AA7UN	K7VL	W5YKU
K3AXB	AC0DH	K8DTF	W6OZI
K3LA	AC0WL	K9EA	W9KM
K3SNO	AD4J	KA2F	W9ZT
K5HX	AE0SQ	KA4H	WA2ALY
K8ESQ	AE4VJ	KB6IGK	WA2VJL
K8PGJ	AF4OZ	KD1DT	WA3UTC
K9GL	AI4EY	KD5FVZ	WA3YZD
KB5RW	AK4AO	KE1IU	WB0RXQ
KB5YN	DB6VH	KF5MDZ	WB2ZEX
KC3OPI	DC1TK	KI0G	WB6RAB
KC4ZA	DK7GH	KI3O	WB6RJH
KC5W	DL3ANK	KI4PG	WD1M
KD4SR	DL5JH	KK6MF	WD4GZW
KE9UA	DS4GQR	KL2R	WD8CW
KF5TL	EA5PS	KL7KK	WI0E
KJ5RC	EI2HQB	KL7XO	WM9Q
KN4AMX	EI4DQ	KR4Q	WU1T
KU4A	EI4GJB	N0JX	YB6LAY
LA3ANA	EW4A	N0KM	YE1AR
M0PTZ	F5JWH	N0VTZ	ZS6CR
M5LRO	G0GFC	N1KI	
N4PF	G8GFF	N3NVA	
NC8I	GW0KRL	N4FKH	
NZ1I	HB9AJY	N4GOA	
OZ5JQ	HB9HFM	N5CR	
PA3AIN	HB9IBA	N5LJL	
R2ARR	IK7NXU	N5LKE	
RZ6MJ	JA7PKV	N7WFK	
SV4FFL	JE7KCI	N7WR	
TG9AKH	JG3LDD	N8HM	
UA4PK	JG5VFK	N9MKC	
VA3QBR	JH7UYN	N9PN	
VK4BUI	JI1LLD	ND0B	
VU2OT	JN1RFY	NE3K	
W2FDJ	JR4VEV	NJ8J	
W2GHD	JS6UOU	NX6D	
W2GM	K0PG	OM2AGN	
W3RMS	K1HC	OZ1GCT	
W3SW	K1JX	OZ9GA	
W4PM	K1NV	PY5VC	