

ARRL DXCC - 12 Meters

The ARRL DXCC is awarded to amateurs who submit confirmations for contacts with 100 or more entities on the ARRL DXCC List. As of 23 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 K2TQC SP5EWY	VA3DX W3UR	JA1UQP JA5EXW JA5MHD	WB6RSE	F6AOJ F6DAY F6EXV	N4AH N9IW PY2SP
347 K4CIA K8MFO N4WW W1JR W4DR	342 4X4DK JH4IFF JR2KDN K4DY KF2O NN4T	K4XO K5RK N4CH N8DX W9IXX	336 AA1QD G0JHC JA1WPX JA5AQC JA5AUC K2FF K5NA* N3XX OE3GCU SP3EPK W0MHK W1YY WD5COV	G3XTT G4OBK HB9BGV IK8HJC JA1HGY JG3QZN JQ3DUE K1OA K2PLF* K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK	SM5CEU SP3E W0DJC W5ZN W9RPM YO5BRZ
346 JA2VPO N1DG SM3EVR W9ZR	341 AA1V DJ6RX DJ9KG G3KMA I4EAT* IK1GPG JA4DND N0AT N2TK OH2BU OZ3PZ PA3FQA SM3GSK VE3EJ	338 G4BWP I4LCK JH4UYB K9NU PY4OY W1DIG W2YC W7UT	335 JA1BK JA1SJV JA2FBY JA2FJP KD5M N0XA N4KG* N5UR NJ6P OE6IMD OK3GU R7LV SP8AJK WB9Z WK3N	K1OA K2PLF* K3KO* K3UA N4XM N8DJX PY2BW PY5EG SM5AQD SM6CVX SP2FAX UA6A UT5UGR UT7QF W4PK	332 AA7A AD5A DF4PL EA5RM EU7A EY8MM F6BKI HB9BZA I4MKN IK5HHA JA0UUA JA4DLP JA7MSQ JA9RRH J12KXK K0EU N2LT N6JV SP8NR UA4HBW W4DKS W5BPT YU1FW
344 K4PI N4MM N6AR OZ1BTE OZ1LO PY2XB SM0AJU VE1YX W3YX	340 CT1EEB DJ2BW* EA8AK JA3FYC K4UTE K9QVB* SM3NRY W2LO	337 AA6YQ AG9S I4AVG JA0EOK JA2JPA JA4LKB JH1RFR JL1UXH JR3IIR K1ST K4HGX K4XP K8SIX N5ZM PE5T SP9FKQ* VE3XN W0BV W3LPL	334 DF3GY DJ9ZB EA4KD EA6SX	333 DJ8NK GM3YTS HA5WA IK4DRY JA2KVD JA6BZI JE2URF JH1GZE JI4POR K0IEA K4MWB K6YRA	331 AA1ON DF2RG DJ9HX

EI7BA	JH1TWT	SM6CCO	FK8CP	JA9CWJ	KQ8M
GM3POI	K9IR	SP1S	G0DQS	JJ2LPV	SP1JRF
IZ5EKV	N5AW	SV8CS	HB9BIN	K2UO	SP1MGM
JH2FXK	NO8D	UA3AB	I0WDX	K7NN	UY5ZZ
K1HTV	ON4IQ	W1RM	JA2DPC	KU0A	VE3EXY
K4CN	OZ1CTK	W3LL	JA7JWF	KX4R	W1GL
K9CT	SP6M	WP4U	K0CA*	N4DW	W3KX
KV7K	W5XX		K5KC	N4NX	W5WT
LA5IIA	WA1JMP	326	K5MC	N4QS	W6XA
LZ2DF	YO9HP	EA5BY	K6FG	OH1LEU	WD0DAN
NI0G		IK5PWQ	N4II	ON4CD	YO3APJ
NR1R	328	IZ0AEG	N8BM*	R7DX	
PY5HOT	AA5AU	JA2BDR	OE1WEU	VE1DX	319
R4GM	DK5WL	JF3KON	OE8HIK	VE3LYC	AB3CV
RA7A	DL7MAE	JF7XKY	PA3EWP	W4FC	DJ4AX
SP6CIK	EA3GP	JH3CUL	PY5EW	W5CIA	EA8AKN
VE3FF	EA5BM	JR3OEH	R3OK	W5TCX	IZ8FWN
W4UM	JA9APS	K5EK	R3VA	W18A	JA6VQA
W5OZI	JR7VHZ	LU2NI	RV3LO		JA9TWN
W8UVZ	K0DEQ	N1NK	UT9FJ	321	J11DHY
	K4QL	N4JJ*	W8OI	AA4V*	JN3SAC
330	K8PT	N4PQX	W9OL	DK1FW	K6AM
DJ2YA	N3NT	N7RT	YV1DIG	G3TXF	KB0EO
DL1AMQ	RU3FM	OZ1AXG		HB0CC	N4DB
EA7TV	SL0ZG	R5AJ	323	IK2YCW	RW3RN
HB9AMO	SM4EMO	UA4CC	AD1C	JA0GJJ	UA3AP
IK4BHO	SM6CMU	VE2TZT	CT4NH	JA3AZD	WA7NB
IK6DLK	SP5DIR	W8DCH	HB9HFN	JH1IFS	
JA1ADN	SV1RK	WJ4T*	IK8YTA	JH3VNC	318
JA3EMU	W2IRT		JA1ANR	JH4ADV	A45XR
JF1WPB	W5FKX	325	JA5XAE	K2VV	AA4HP
K3WC		G4CCZ	JF1KKV	OE6MDF	AC4G
K4ZYU	327	GM3GAV	K4EM	OE8RT	DL6KR
N4JF	AB4IQ	HB9DHK	KF0QR	ON4AOI	G4PWA
N8JV	CT1IUA	JL1RUC	LA7HJA	SM6DHU	JA1GRM
OK1MP*	DL2OE	JR2LJO	N5TY*	UT7UJ	JA4EPE
RA3CQ	EA1YO	JS2LHI	N5XZ	W3GH*	JH1AGU
SM5CZQ	I5NPH	K8NVR	N8RR	W8GC	JH1QAX
SP7GAQ	JA5WIZ	K9EU	NE1B	WB0TEV	JH4JNG
SP9DWT	JE2LUN	KA9CFD	OH2BLD		K2TE
W1ECT	JH8RZJ	NY0V	SM6DHF	320	K3WA
W3NO	J18DGO	SM5KNV	SP5IWA	DJ5FI	K4HB
	JJ3PRT	SP7VC	SV1FJA	DM5EE	K4IQJ
329	JR3GWZ	W6RLL		G0BLB	K4SO
CT1APE	K9YY	W7AO	322	I2EOW	K5BG
I4EWH	KW9A	W9OP	CT1BH	IK4DRR	K5DU
IT9DAA	N2BJ	WB4TDH	EA2IA	JA2IVK	LA2PA
IV3JVJ	NK1K		F5PAC	JA3PIS	LB8DC
JA2JW	OE2LCM	324	G0OIL	JA8LRG	LU3CQ
JA7KY	PY2YP	AA8CH	IK4GME	JO7WXN	SP3CGK
JE1SYN	RZ3AM	AB9V	JA1XEC	JR2UBS	UX0FF
JF1PUW	SM2GCQ	DK9KX	JA2JNA	K1LD	YB5QZ
JH0INP	SM5DJZ*	DL5DSM	JA4FKX	K9MM	

317 DK2NG DL5WW HA1RB HK3W IW1ARB JA2ZL JG3LGD JH1NYM JR1BAS K2RW K5XI K6RO K6YUI KE9L N2NL NQ1K UX1UA W6VX W9RN WX4G	G3VKW JA8RJE JR2BJE K0KX N5OK NN4R OE3EVA ON4IZ PY2NQ SP3IBS SV2DGH W7CT WD9DZV	JR1BLX K6TA* K8FL KG4W N4TL N8KOL N8TR OE3SGU OZ4O WA5VGI ZS6EZ	JG3FEA JH7RXU K0KVR KC7V LA9AJA R5DT RA0FF RL9F SM2OAN SP6HEQ W0YG W4BP ZS1LS	VU2NKS W1YM W2QO W6ENZ W9MU WA8WV	305 AJ6T CU2AP DJ4XA DL1TRK G5LP JA7BWT JE6TSP JR1DUP K0JUH K3XA K6SIK K9NW MM0EAX N9AU* OH8LXT PA5TT PY7DJ RA9CMO SM3NXS UY5AA W5VY
316 DF2UU DL6CNG I3BUI IK2QPR IZ1LBG JA1XCZ JA7QVI JA8EAT K1BD K6KLY K8YTO K9US KG8P MD0CCE N5DG SM3VAC UA3DPM W7MO W9ILY WA2VYA YO7LCB YS1RR YU3AA	314 AA5AM CT1DKS EA1N EA6VQ G3NDC HB9SLO HL2IFR IZ8FFA JA2AH JA2NDQ JA9GPG JR4OZR JR9LKE JS3CTQ K2LS K4UEE* K5AQ K8AC LA7AFA LA7JO NS6C OE1AZS OE1ZL SM4DDE SV1CNS SV1DPI SV1JG UA6MF WB8BPU	312 F3SG JA0CRI JA1SYY JA1VSL JF8QNF JK1EXO JN1BMX JR6FC K1HT K3RA N1IBM N5ORT RU3QR SP9JZU UT2UB W8HW	309 JA1EOD JA6WJL JG4AKL K1AR K2UU K8QM K9ZO NN4SS NU8Z R9TO RU3DX RX3AGD UA4LY VE7IG* W2JU WE9R YB1UUN	K9ND KB1JZU KC6AWX* LU8EKC NI6T OE5RLM SM5JE* W5AJ W7DO W7OM W9JA ZS2DL	304 CT1FCX DJ9ON DK5AD EI2GLB EU1KY JA5BEN JA7LGE JE1DXC JF2XGF K6ND K7WP K8GI N7US N9RS OH3NHF R7FK*
315 9H1SP AA5AT AB6QM DL1DUO F5HNQ	313 5B4MF CT1FMX CT1GFK IK2RPE IZ2AMW JA5IU JF2UPM	311 4X6ZK HB9TKS IK0PEA JA1IZZ JA2VQF JA2XYO JA4MRL JA9FAI JE2LPC JK1GOK K9RX KM4H PY2XU UR0MC US5WE W5ADD WB9CIF	308 A65BR DL2CHN F4BKV HK4SAN IK4ADE IU7QBB JA1SVP JA7IC JE2EHP JH1SJN K0GY K8OM K9MK KI0KB KN5O KS1J R7NW UR5EDX VA5DX	306 DL1KUR DL5EBE I1EIS IK4PLW JA0GCI K5WAF KD3CQ N8SNM OH5VT R8TX R9FM SM5FUG SV2AEL UN7JX VE3DZ W5XC ZL3JT	303 E72U EA3GHZ G3LZQ G3SVD HL3IUA JG0CQK K7ZA KB8VAO LA3WAA OE5BWN RL3FA

RW4NN SM6CUK SP2BMX SP7HOV SP7ITB VU2PTT W0VX W1SKU WA3AFS WT8C	UN6T W3RJW WB5JID YO2CMI	K8EUR LU4FPZ ND0N WT4Q ZL1BYZ	295 JA1BPA K5ZK N7RO N7TY RM0F SP8HKT W5LT W6XK W7AL	WA3C WA4FFW	PP1CZ RD3AW S57AT SK3PY SV3AQR UN7TW W2LK W8AV W9HBH WA1S WB9EEE
302 AA8OY DJ5JH F5CQ HB9CQK JA1JAT JA7MYQ JJ1TKN JM1FHL K4MS K4XD ON6AA RK4FD W4QN W7ZJ W9AJ WA9PIE WD4LBR	300 DL4CF EA1AF IW0HQE IZ5RVG IZ8VYU JA3EOP JA9AA K0BBC K3FRK K6FW K8GG K8TL K8VFX KD0PO N4RWG PA3CSR PY2VA SV1GYG W3OA W6TC	297 4Z4DX BA4RF E72A E73Y JA3RQ JA9NLE JE7JDL JH1BAM JM1HJG K3PA K5DHY K8WK KD0Q KG7H KT1J N7IR UN7LZ W6YI YO2RR	294 AI9L EA6NB HA5VZ HA9PP IK0HFO IT9CVO JA5SUD JA9IFF JE1GWO JE3ENP K1DG K1USA K7ZV KF2DT KZ4V N0KV RA1QD RU6L SV3DCX UR5WA W3JX W9FR	292 DL5CW DL6JZ EA5AT G8DX HL2WA HL3GOB IZ3ETU JA0DET K7ZD N5LZ N6UK N8II R6AF W6NWS W6SR ZS1A	289 DL9TJ I1FQH JA8EJO JG1WSC JH1HHC JH4GJR K0TT K3UL KK0M KQ4AV OE2GEN PU2POP R0FA VE3EK W8BBQ W9YSX
301 AA4R AC0A AE5E AJ9C EW2A HB9BOI HP2AT I2MQP* I4KDJ JA0DIN JA1LSP JA1XPQ JA2ATE JA3ENN JE1LFX JE2DZC JG8FWH K1GG K4SE LA5LJA NA5C RN3QN	299 DM2DXA HB9RG IK5RUN IZ4MJP JA9FPI JJ1DWT K0TPP K9SM N9FN PY2KP UA9FAR VE3BW W2GG XE2CQ	296 AD6W CT1DOF DL1HRN EC3A EV1R G4GIR GM0AXY HB9RYZ IV3YYK IW0SAF IZ0RVI JH1BNC JH4ALY JK1TCV K0KT K8VC LA8PT N0RB RA3QK SM6BZV SV9COL UA6YW W4VIC	293 4X1RU DL1SMA DS1JFY EA3WD HB9BAT IK8VRH IW1QN JA2CXF JA3XNH JH0BQX K4JAF K5RT N2LM PE1L PY2IQ S55DX W7BEM	291 DF2GH EA6ET G0EHO JA1QXC K4ZO KP2A LA3MHA LA5HE LA9VFA N2TN N8LJ N8PW OH4UI VE3CFK W1EQ W1OPD W8TN ZL4TT	288 AA6AA CT3MD EA5KA JA2JRG JA2XCR K0GD K1DT K3WW K4RG LZ2JE N3VA N4LR N6TA OH1ZK SM4CTI UA3AGW W1YIF W2LE W2NO W3FOX ZS2EZ
290 AA4A AA8R CU2DX IZ3ENH JA1KQX JF1NZW JG1OGM JH3GCN K8ROX LA2QM N9DED					

287 9M6YBG AA8LL IV3GOW JA5FDJ JA8DNV JE2OVG JR8AMF K0AZ KI5BLU OH1JP R9SA SM5ARL W1VT W4YCH WA6F WN6W	W4UCK WK7E	JA2FCZ JA3BXF JH4HMG JO4CFV N2WB N5GH OZ1IKY SM0NJO SM5ENX W0LS W8KEN WF2S	K2UR N4HB N9ISN N9RD ND4X OZ4VW RN9N SM4AZQ VE3CRG W8MHW	275 DH2PC DS5ACV IV3VBM JE1BMJ JF2VAX JI3CJP KA1ERL N7KA NF1G NU1B SV5DKL W7MEM WA0RVK XE1MEX	W4HG
286 AB5A CT3HF DL2VPO GM3PPE IK0AGU IZ8XQC JA2FGL K1LPS K1RO K5PS LA9GX VE1JBC W3GQ W6PJ W8AXI W9MJ WS5W	284 7K1PTT AB4SF CT1BWU CT1FPQ EI9FBB GM3YOR JA3DY* JA8CJY JG3SKK JH3KAI JH3SIF OE3HWC SM6CTQ W2AY W4FQT W5ODD W8HC WB2BIN	280 CT1EAV EI6FR IZ4DPV JA6TMU JN7DOS JR6LLN JR7FRW K1CA K4WNW K6BV N2DPF N2JJ NV9L PY2DS SM5CZK US0YA UT7UV VK3HJ W8LGJ WA0MHJ ZS4TX	277 DS5TOS EI2CN EI8IU F5UJK JA8EOT JE2RDO K2AJY K8UT N6RV ON4CAS UW2ZM W1KSZ W1YRC W2PP W3BW W8RLS	274 7M4AOE EW1KP IW0HOU JA8ZO JH1IAQ JM1GHT K2KA K2SN K3PT K6UM K8DV K9MBQ KA8SYV KA8ZPE KS3F RA5BM SP6JIU SV9AHZ UA3ECJ VE3YF W0EWM* W8QZA/QRP	272 AF9H I5OYY IK5PWN JF1LMB JH1OBS K1UU K7EG K8BL K9FN KB1EFS KI4GE N5BO N7XR OE5FIN PA0ZH PY2WC SM7IUN SV1ACK W0JM W1MK W2OO W3AP W3ICM W5DM WL7E
285 DL2SWN EA3GHQ IZ8DFO JA0PE JA2IYJ JA2VMU K6GXO K6PJ KJ6P LA0FA LA8HGA NN4X OE1WHC SM0CCM W4MAY	283 HK1MW JA1RTX JL1XMN OE8SPW ON5UE SA0AQT W1LW W5ZG W6BJH	279 HL4GAV JA6QHJ JA7HRM JE8TGI JH7BKN JK1UNZ SV1FJP WO7R	276 DK3WW HB9BUN HB9LCW IZ5BAM JA6GPR JA7FWR JA7LMZ JA8UIV K6EME K6IPM LB2TB N5MOA NK0S OZ1LCG PA7RA RX4HZ SM5CLE UN3G W1ZT W2OIB W3ACO W5GO	271 AA4FL IK2DZN IZ8EJB JA8FFM JH1OCC K3PU K8RRT LA5SJA N4UOZ UA3TT W6TMD W7YAQ WV9L	270 BA4MY DK8MCT EA1KY F6HLC F9XL G4XEE HB9DHG HL3AMO
	282 JA5BGA JH3FHQ K5UO N4JQQ N6PSE NA5DX NT0V* PC3T UA0BA W4OX XE1KK	278 9A4T EA8RR EI9JF F2NH F5PBM JA4VLK			

IK0UTM IW7DVM K0BJ K5VWW K7UA K9JF KG9Z VE6LB W0FLS W0RX	K7XB N7BT OH2IS SM5BMB W2XI W6DR WS9V	OH7TV PA7TWO SV1CQN VE6AX W5PF WV4TN*	WB8ART YB2DX	K2UFM KZ5DX NI3P PY5CC SV1FKZ VK4CAG W2TB W7AH W8CZN	JH1APK JH1RGG K4JJW K6EID K7GM KB9DAK M0TTB VK3NX W8JRK WB7B
269 CT3CD HB9IQB IK7FPV IK8EPC IS0AFM JA1OVF JA1VLK JP1NWZ KR0P LA6UL NW7E OM4EX SM5FWW YB1AR	266 GU0SUP HB9EFK IK4AUY K0DD K8AJS N1API PZ5RA RA4CA SV1HEP W8MET WB2GAI WB3LHD WQ6Q	263 DK4TP DM2RM EA3CJ EA4DL HA7UW JA2FBC JA7XBG JJ1BMB JK1VXE JN1NBU K1KO K4KAY K8FH KN6KI N1RR NA5Q PY2MC W0GG W1KDA WA4LOX WB4KTF XE2X ZS6NJ	261 7K1CPT DK3PZ F1ICS IZ8IEV JA3FHL JE1VTZ JH2PWY K2FW K7LJ KF9UG KI4DLS KM1D N6PM N9UA OM8FR SM7CQY W6DE W8GNM WA5LFD ZS6WB*	258 CU3EQ DH0GSU DK7YY E21EIC EA1RT JA9AGN JR4LZX KH2L W1SSN W2GW W4LSC* W5JAY W9EWZ ZL2IFB	255 AA7G AF5CC AI6Z F6ECI HC1BI IV3TMM JK1OPL K1FEV K6ZZ KR4F LU6ETB N1RK VR2XMT VU2CPL W0QQ W8OP W9FI WA4CEM
268 HA5PT JA1IAZ JA1NWD JA1VRU JH2VVH K1MAA* KD4W KH6M N2AJ N3RC N5JB N5ZC NT5V SM6BGG W2FV W6RS W9OO WA1YTW	265 4F2KWT G3SBP G3UAS G3WPH JA3WLN JA4FM JE2UFF JH1ACA JR1WCT K2CBI N5KM N9JV VE3SKX W9JJB	262 CU3EJ HI8R I5REA JA8BAR JR7GBL K8AV LA9FFA N0RN N1SV NH6T/W4 NK4L NV4B NX0I TZ4AM W2/CT1GIF W6JZ W7LGG W7QDM W9PZT WA3GFM	260 AA9A EA8MT EA9IE FG5FR JA3VPA JE1HRC JH1DGJ JH3FUK JH4ADK JJ2WOC K1EFI K1ESE K8YSE LY1G N6MZ PY5IP SK7AX SP6A TG9NX WV8DX	257 6K5YIA AF4HX AK5X DJ0UT EA1JO EA7SG EB3CW HL2CFY IK2PZC JA1EMQ JA6OXT JE1PNX K1SM N6HC RU1AB SV1VS W3FI W8MJ	254 AG1A BA7IO CT1BWW G4FKA HB9DVO IZ5YHD JA0KJD JH1IED JH1VUO K0GW K3EA K3SEW KI1U LA5YJ NE8P UA3O W7HPW W8IW WV6E
267 DL4DW EA5RD HB9MFM JA2QXP JA7BEW	264 4Z1UF EA1KP EA3EQT EC1AIJ F6DBX IK8UHA IZ0NRG JA1SKE JF2WXS JR4LNG N1EN N1GC N8OC		259 DJ8NT DL9GTB EW1BA HL3DE JA8BNP	256 BH4QYX EC1A F4GVO FG8OJ IK4HPU JA1PBV	

253 AA3LX AC9O EA4DEI FG4NO HL2EIZ JA1DDZ JA6IVR JA8XQI JJ1QUV K6MKF KE1F KM6HB KV4T N4QWZ N6KZ UA0FO W6RW WF4U YB0COU YL2KF	KJ7TEA N4SC N5UL NF4A SM3LGO SM5FQQ VE3YV W2JLK W4SK W5GAI 250 AC9EM DJ9RR G8AJM HA7TM IK2DUW JH3GFA JH6PFY JL1MWI JR0EQQ JR5JAQ K1KA K3NQ K7KB K9YC K9ZM KA9UVY KF7F KQ3F KS4YT LB5WB PA0JSE PY2FN SV8CKM W4PNY W7IU WA8MCD 249 AA9RR AJ4A IZ8GGF JH8GEU K9NR N3KN N8HRZ N9PGG OZ5NJ SM4OLL UN3GX W8IQ W9RC	WA2USA WB8K XE2D YB1RUS 248 DS5DNO G3KMQ G3VPW HB9DOT HB9JOE JE2VLG JJ1SKG N4XP SV1IW VU24DX W8FIB 247 AK5Q CT1FUH JE2EBT JK7LXU JR3VMJ K1PL K2TER K3VAT NA9RB NE6I OZ7FOC S51NM VU2CDP W7IB WC3W WX2U 246 GW4TSG IZ0BVU JG3RWX JK1WSH K1XV K8YYY KB6CIO KC9K VU2DCC W1KMA W4GE W5ZO W6AER WB8CQV	245 AJ8MH EA5B JA3QOS JA6AVT JF1WLK JJ6DGP JL3OUW K9GA KF7PG N0AH N2NW N4IQ N9JR NJ7G NZ3O OE3KLU S55ZZ VE7TK YB0NFL 244 DL8SDC HL5BMX JA1CZI JI6IHG K0KG K1YR K8EAB KK1W PA3BWD W4REX W5PJR W9DX W9MO WA3F 243 G4XRV JA1MZL JA2EPW JE0ART JF2OZH JS6TWW K8ME N4OA W1BR W4LEW WE1P XE1RBV 242 EI9FVB	JA1OVD JA4ZA JH1ERJ JH1WJR JR1MLU K3WWT K4PB K4QE K4YJ K7FEL KJ7M N2NS N4XYZ N6HY NA9Q RC2A SM0DSF 241 AB5C IK0WMJ JH0OXS JP1IOF K0VSH K2NV K4KGG K9JU KV1E N9SF NY1V W5DNT W5QM YB1TQL 240 G7SSE IW3GJF JA1DM* JA2FSM JA3NHL JH5HDA KE8UM KF0LA KK9H KS4S N0ABA N4HID PY2GG SP5LKJ SV8DOU UX5UO W0SZ W5RF	W8WEJ W9LN WC2K WE4S 239 HB9DQV IZ1JMN IZ2FOS JA0LXP JA6CBG JA7KE JA9NFO K2RU K2XF N8SHZ WA6JA 238 IK2GAJ JF0JYR K4JC K9OR KA4RRU M0CSD N4PJ SP5ES W3MR W4KA W5LO W5UQ WA4QMQ WB0TVY ZL4AS 237 CT1BOY G0VXE HB9CXZ HB9HBZ IW9DNI JH1DGQ JR0QFA K1RV KX2A N0ODK SM0MPV UN9L W2DXE W8BLA W8UN WA0ROI WB8B
---	--	---	---	--	---

WB8ZRL YO3JF	W3WST W7HR WA5UA WB0O	W4UDH	227 DF8FT DL2RUM HB9HIT I0MWI JA0DWY JK1SQI K0IL K0NV K1GE K5GH K9GWH KA1J N1NU N4SV N6OJ SP7ICE W4DEE W5SL WA9GON YE4FNN	K4JWA K5YU KN4PPD MU0FAL W0FG W5GZ W5TFW W5VQ W8UV W9KVR YO9FNP	222 DJ9SO DL5XL E77S IK8GJR IZ7AUH JM1VRW K1NJ K2AT KB5UNX KK2M KX4TT NN2D RA4P W1DYJ W4WN
236 HB9ZS IK1IYU JA1HOM JA1JYE JA3KNN JN1NOP K1ACL KK0DX KM3J KU8X KV4AA N4GN N6IE OE2BZL OH3OJ PA0TCA W0HBH W2YR W4GIW WA1PMA WY6N YB2TX	233 AA9GR DL8DWL DS3HWS EA5AR HB9VAB JH1SOD JJ2KDZ K8BN N4TOL N9BX NE3F SM0XBI W2NRA W6YOO WB2KSK WD8PKF	230 G3LUW JH7WQX JI1VVB K2SY K9WX KR6C SM7WVZ VE7BV W2KA W8LMG W8WVM W9YE WB2NPY WW8W	226 AC4VM I0OSI JG1JPE JQ1YIW K2BA K2SD K9TF LB6KC LU4FW N2KX N5ET N6BM N9AOL NA2AA NG7M TF3DC	224 E70T G4ZOY JA8NFV JH1OGT JO1LVZ K0LB K1CBK N3RW N7WO RW4CY SM7BHH SP6AXW V51B W5THT W6UC W7NN WB0ULX WB7BBQ WN6K ZS2Y	221 EA2AAZ IK0CHU IZ1JLG J11NJC K4CGY K4MV K5DV K5ZQ KK4OW KU4XO NJ3K RU0SN W0BM WA0WWW WB0N
235 EA7QW EU1U JE1IBI K0EOO K5CWR K8ZM N2FF NA5Z NW4M TA1CM W7YW	232 AH0U EW4C G3XLF HB9BNQ HL2ZN JA5NPV JH6DUL K2HAT K3SF K4ST K5CD K5FNQ KB1DMX N3PS NY2NY RQ3A W6CYX W9ZCL	229 AE0P DS4GKF G7IRN HB9HVG JA7QQQ K0HD K3FM K4CMS KD1F KK4OK KW1DX N2SQW N4NW UR5FEO W1WC YB1TJ	225 AA8SW DK5RL DS4AOW EA2AFV EA2AGV EU1M IV3AVQ JA0EVI JH8NQV JJ1JMZ K0OK K1JIU	223 AB4UF AF2C EA7DUD I8MTQ IK0WRB IK2RZP IZ8MBW JE4RAL JP1GUW JR0AMD K6IPV KD2T KI6CG KW4V N4ENE W6GRV WC4H YL2TW	220 AA4LR AA6RR AD7L DL4LAM I1YDT IT9ODQ K1DJ K1NTR K1TZQ K3SX K4EU K4MIJ K5MT K6MM K7AWB K08SCA KZ9DX ON4ATW
234 DF7EE DK2CC EA5DFV HB9BYQ HS1NGR I0LYO JA2OLJ JK1BSM K0VM K4MF KE5FXE ND4V	231 AD5WB DK6OR JA2VHO JF1MTV JH0AWC KD6UO LZ2XF NA4EA SM7NDX	228 7J1ADJ AA0MZ F1RAF F5LIW IV3FFI JA4CZM JE2KSM JF1RYU K4SX KE0A KE4UW KE6V RA3QUA VR2CH W1LE W5GA			

SM7GIB UR4IOR VA7ZT VE6TL WA9BZW	KK8MM N4FN N6QI ND3L OZ0J W0TM WB6CJT WI7P WW2DX YO3IPR	JA7DPC JI1WLL K0QQ K2AZ KD1AB N6PEQ PY2RO W0KCJ W2CQ WB6BFG WY1G	210 CU3AN JE1PHH JH6RTO KD8RQE LA6OP N4TD N8BK S54A W0UC W5WP W7FP W9IL WK8A YB0DJ	W5FPT WA6G ZS1J 207 9K2BM DG5LAC HI3T JA7MAD JE3EDJ K0PX K4GO K6ZP K9FZ* KB5HC KE1VT KK9T M0IKW N9AKR OE1JIS ON4ANN RD9M VA3OKG VK2CA W1MJB W9QO WA9DU YB0MWM	DL6UNF GM0VRP JA0CIU JA4DHN JA7JM JA7MNF JO3WHB K4YYL KI4WCQ KL0S KM4VI N2KI VU2LBW WA4MME XE1J*
219 DF2UA F5JSD IK5QPS JA1FJJ JR7ILA K5JZ KG6I KI7AO KR2Q KU4BP N1KC N2ZA N6DX NN9X W5DAW WA3I WQ5R	216 CX2CC DJ3XG I5XFD IT9AAI K5VR K7LV KR4W KT4AC N7WS NC4RB PS8ACL W0SR WB3D WS1L	213 9A1AD AG3V DK3UA JA0LFV JA1FVS JR1EFG K9SG KD4SN N8GP NA2M* VK3FM	209 DF3EC DL4FAP JA6ENL JH1FNU JM1SZY K3NF KB4MRX KQ5M N9XX NW7US PU1KGG SM5BNK W1AW W5AAJ W6DCK W8HMK	K6ZP K9FZ* KB5HC KE1VT KK9T M0IKW N9AKR OE1JIS ON4ANN RD9M VA3OKG VK2CA W1MJB W9QO WA9DU YB0MWM	204 JF1KML JL1GYZ KM9E N5QS N7ELL NC2Y NO0B ON6KE VU2IBI W4GP W7IV XE1L
218 DL2NOM DL4NBE G4VMX HL5OC I7PXV JA7FAS JH1FVE K3DFL K5ALQ KB2FCV KE3D LB2HG N4JT N8AYY N9KW W3BJ WA2NPD WB8BZK	215 9H1EJ AA7XT HB9IIO JS6QOM JT1BV K1ZJA K2XB* KF4NEF KO6KD N8NN NU1O W0TT W1JGS W4IS W6HDG W6KK W6SL W7JY* WA6HBR ZL2AL	212 F4WDL JA1BWA JA3LDH JP1LRT JR2PZX KC2SST KL7TC OH2LHE PP7LL SM5AOG VK5GR WB9PNU WK4Y*	208 7N3IJT EI5GSB G3WW HP2NG JH0NOS K0THN K2PF* K4WES K5RJ K7PT KW4CQ KZ1W N4HN N6ZN NN5E NW6S PY2RN W1FA	206 7N4SQJ AG5W CT1HHP HB9CRV IK3GBG IZ0GYP IZ4DIW IZ5FSA IZ5MOQ JA4DNC JF1IRW K0MN* K1VI K8NK KK5OQ N7NF N8BJQ NJ1H W7IUO WA3WZR	203 EA5HM F5NBX IK2RGT IZ0BT JA7JPZ JH8NB K0CS K2CYS K4OY K5DCW K8YE K9OW KA1DJ KB7AK KM7R N4TV N6PAT W3BNN WA3FRP
217 7L2QAD AA4UC JA2NNF JA7ZP JG5RVQ JH8UQJ K1RH	214 3A2MW AB0X DJ3AS	211 BV1EK JJ1KZZ JO4JDU JR1JGA K0KP KT2C M0HIH N1BY NY6C SM5ACQ VR2XLN W6WF		205 AC9S	202 AE4M

IK5BOH/2	K4VNY	SP3F	PY8WW	HL4CCM	JK1NPH
JF2TJJ	K9AQ	SP5MXZ	SM5ELV	IK1UGX	K0KV
JR1IZM	MU0GSY	W6HYI	SP5IXS	JA2ITK	KM4NS
N8WD	N2RR	W6RKC	SP9IZV	JH7NTW	LA4JGA
PT2ADM	PB9FN	WB5NHL	W8NN	JH8KFE	N4ST
W3NS	V51YJ		XE1YD	JI2UDK	N6VNI
W4RDX	W9RXJ	195		JK1BIB	UN7BY
W7TUS	WB4YDL	CT1ELF	192	K5RKS	W5BK
W7VY		JA3AVO	4X6KJ	K7UT	W5ZE
WE2N	198	K4KEW	AD0K	K8ZT/QRP	WA6EZV
WN7J	AG7N	KB9AIT	F6FYD	KD0AA	
	DJ0MCH	KE4S	IZ7GIT	N6MXU	186
201	G1VDP	KF9AF	K5TN	OH3PYY	AA8KY
GI4OWA	IT9IPQ	N3XM	K6XN	OT1A	CT1ESO
IZ0CKJ	IV3BSF	NA6MG	KJ4UZU	SM0BYD	JN4FNZ
JA2MNB	JM1ESG	OH6NIO	KJ4YLO	WA8LRW	JR3ADB
K0MFI	N3ND	SQ7FPH	NM1G	WB4GLI	K1BZ
K6TAR	RA3BL	VE3YXO	UR3EO		K4WM
N4PYI	VK6OZ	W3SB	VA2IG	189	K5EWS
OV5O	W6SHY	W9ROG	W5SUM	DS4NPL	K5QX
RT5A	WA2VQV	WQ5T	W8QXR	IV3KCB	K6EGF
TF3VS	WB4DNL		XE1EE	JA1SGU	KC6X
W1OP	XE1FAS	194		JG1SWM	VE3NJC
W6AEA	XE1R	A65BD	191	JH3FCF	W8RV
	YV5LI	EA1WH	AA4NC	JK1JAS	WA5IPS
200		EA5ZR	G4DDL	K6JAT*	WZ4RC
AJ8B	197	EA6LP	HA5CW	K6UXO	
DK1NAL	4X4MF	JK1DDG	JK1AJX	KY5I	185
HB9AGO	BA4TB	K1LT	K1RI*	N2MEE	IU0ICA
HB9FBG	EA1DLU	KP3AH	K8QKY	N6NU	IZ2EWR
IZ8EKL	K8SIA	KR8T	KF2OG	NA2U	JA3UOQ
JA3EY	KG6DX	SP6EIY	KM4HQE	RM3DA	K3PP
K3HW	TF3JB	W2OR	N4DWK	RN3CT	KE5BR
KC6JAM	W4DAO	W4DC	N7MQ	SM4BZH	KQ4EE
LA7EIA	W4HZ	W5UHQ	NK7C	W2CG	NZ5O
N1IA	WD8KND	W7PAQ	OZ7DN	W4AEJ	OZ3SM
PY3VB	WF8R	WA1NXC	W0MS	W6DPD	UN7BK
VK2HV	XE1H		W0PE	YB4CHP	VK2AAH
VK6LC		193	W5CCP		W0QC
W2NY	196	7L4VYK	W5IP	188	W2WG
W3ML	AD8P*	AE4CW	W8UQ	EA7AN	
W9WO	HB9BOU	DH3KM	WF1H	JS6SCC	184
WB9W	HB9ESS	IK2ULM	W18R	K2AX	AD6ZJ
ZS1DX	I7LGM	JA0AXV	WV2I	K2DC	AE5FM
	I8YAV	JA1QIW		N0STL	EA5RU
199	JA5AFW	JA3PRM	190	N2ZZ	EI1DG
AA3TH	JP7FSO	JA7FVA	AA4U	N5FEE	G4AYU
AC0X	K1JD	KM1C	AG5CN	OZ9XU	IK0HBN
AD4AA	KA5JSM	LZ2ZG	DJ9KV	WV4V	JG1DUZ
DL5EBS	N2GZ	N3AIU	E74K	YO2DFA	JL1JVT
DM6MA	N3QE	N6DHZ	EC7B		K0RAR
I4UUL	NA9A	N7VPN	F4DSE	187	K3JM
JH0RVY	OZ1HPS	NU4B	GM4KHE	AF6PK	K8EB

KD2SC	N6VS	KU1T	UA1OM	HL1MKT	SP7QHR
N4MIK	NV4A	KW9U	UA9AGX	JF3VEC	VE1OP
N8JS	PJ4/NA2AA	N4MI	VU2YYF	K5TA	VE2YG
NW7M	UA9AEU	W7HUY	YB1RKT	LZ1XL	W0OGH
SM2EJE	W5JMW	WB6AXD		N3AO	W4PGM
UT7KF	WB9B		174	N4BAF	WA4USA
W6BK	WC0W	177	AG4Q	N6VH	WA9IVH
WB2HJV		4X6UU	DL5KUA	NC1M	YO4AUL
WB3BFC	180	IW8CGX	JL6USD	W1ASB	
WB5STU	A61BK	JE4KCN	JR3TOE	W9CSX	169
WX0Z	AA4AK	JG3KLF	K0PC	YB4IR	DM3CW
	IK1ZNM	K2JL	K5CR	ZL3RJ	HB9GIV
183	JE3PCP	K2MK	K9HQM		JA1KXT
JA2KSP	JH1IZR	K3OX	K9UQN	171	K1EDG
JA3UNA	K8SL	KF4VTT	KN7Y	AD3C	K8ZZU
JA4GXS	KD3HN	KP3V*	N7NW	CT2GZE	K9OT
JE4CIL	KI6MQX	N7JB	N9IO	DL5MM	KI2D
JF1LZQ	NA5S	SM5CBM	W5WI	F9CI	N5MT
K6LRN	VR2XYL	W0IKD	W7JET	G0THF	N5SIX
W6TK	W4DSM	W0JW	WA4BIM	IW5EIJ	N6MB
WA7BNG		W1AO	WA4NUF	K2TV	RD3BD
YB2TS	179	W4DTA	WB8QZM	K4NTO	SV1IZY
	AA5TL	W4KVS		KB0V	W0AIH*
182	AB4GE		173	KC5LK	W7IAN*
I5FLN	DL5MHQ	176	AB6CF	KP4DKE	WA6QGH
I8LWL	G0OSK	DL6NW	AE0MO	N7WI	WB8EKG
IU8IYE	JA1BON	F4FLF	AI9U	N8WRL	
JA6SQR	JA3EEM	HL1VAU	EA3HDZ	ON6MX	168
J11CQA	JG1RYQ	JR1FHP	HB9DVZ	W0MU	A92IO
K7LAZ	JH1XFR	K2RET	JA5MOO	WA4DOU	EW1P
KG4JSZ	K4WZ	K7CTV	JJ1BDX	WA5KBH	JA0PZJ
KS0JD	KE5TD	K7STO	JQ1PCX		JA4FKO
LA5LT	KJ6NZ	KK7YC	K6UNE	170	JH1ORA
N8NA	KZ2R	KT8D	K8JE	AC0W	JH3EQP
N8NB	N3KV	N1JP	K9QJ	AD5MD	KB7QFE
NG9J	N3ME*	VE1VOX	LA9VBA	DL2JIM	KF0RQ
VU3CAU	SP5ELW	WA3GNW	N5PA	EI5KO	KF9LI
W6FL	VU2MSA	WD4IXD	N7HN	EI6AL	LU8ADX
W6SFK	W0ZS		N9ATF	JA1GVT	LX1CW
W7WZ	W1HS	175	N9DR	JG1GJH	OE1ALW
	W4CCS	4O3A	NA6O	JJ0LZQ	R4FAN
181	W4GHW	IW1PUR	NC7B	K3GT	SV1XV
EA6UE	W4TUN	JA1PVX	NX2X	K4SAF	VR2MY
EI3CTB		K1ROA	SM0EUI	K6JJ	WL7OU
IZ4AIB	178	K4WY	W2PD	K7CU	
JA1SZN	AC0DQ	K6NR	W7VAS	LA2GH	167
JH8FIH	EA8AXT	KD4POJ	WC4X	LB7ZG	JA8BOV
K1XE	IW0BYL	KF6HI	WY7FD	N3WD	K3GGN
K3VAR	JA1ERB	KN7D		N4VN	KB8NTY
K5UZ	JE3FOR	KW4J	172	N6EM	KE3X
KY6R	JK1EBA	N7GCO	AA5N	N8VV	KH6XT
N0SL	K1ZE	N7NG	G6MXL	NJ6W	N1ZJ
N1HO	KL7TS	NS3L	HK3PJ	NX4TT	N4PL

N8OQ	VK3TC	W8FN	K7LY	N4XMX	WA1KXV
NF7D	W2FS	W8MIL	KM2E	N6MM*	
NZ3M	W4CIR	XE2YWH	KM2O	N8TFD	155
PY2SEX	W4DWS	YO3DDZ	N0IW	PY2CP	5P5Q
WA0SXV	WB2WPM		N4MEC	W0JMP	DK3QM
WA5NFC		162	N5WA	W8LIG	F6KOP
	164	4F1OZ	N8IL	W8OM	IV3TDM
166	AC4BT	AB1J	NI5F	WB2RAJ	JA0EBV
AL7R	CT3DL	BH4IGO	W1TO	WB9ZNZ	JA6SUY
DL1SVA	DL7JRD	DJ7JC	W9FF	WT2P	JH1AQN
GM7NZI	EI6IZ	DS3EXX	W9NIO*		K2CJ
HL4XM	IZ0GVZ	HB9GWJ	YO8CRU	157	K2DF
JA0NZR	JE2DOD	HS8KAY	ZS1C	E20YLM	K4EZY
JG3KMT	JR7XOD	JG2LGM	ZS6RJ	EI2JD	K8WHA
JR6GHN	K6CF	JR4CZM		JA1UBZ	M0IFT
K0FLY	K6GFJ	K2HT	159	JA3MHA	N5JEY
K0SRL	KA1API	KC4HN	AA3AZ	JE3OUW	N8IK
KN4FO	KD8MQY	LX2SM	AD0TR	JG1XBM	NO9E
KR4BD	N2XQM	NP3CW	DD0VE	JH2NWP	NU1T
KR4DA	NA2P	NS4X	DK8IZ	K9UO	OE1HHB
NU4Y	PT7DX	OE6BME	EA1P	KB1HY	UT7EC
SV2CLJ	S50B	W4NBS	IZ0FUW	LA2IR	W3DQS
VA7DX	W4IDX	WA1LAD	JA0ED	N0LD	W5SV
W3DIY	W6SIY		JG1WNO	N4QM	YB1AYO
W4PGC	WA5CMI*	161	K0IO	N9AZZ	
W8SAX		9M8DEN	KN6VTC	N9MB	154
WA1ZIC	163	HL3ERJ	KO4DKI	NH6L	AC8TO
WA5NOM	AA4OC	JA1IHD	LA8ZAA	NJ6K	DS5WQT
WB3JFS	AI4QQ	K0YL	N1MD	NK7Z	HB9ARK
YO3AIS	AK9B	K2OP	N4GBK	PY1NS	I4JEE
ZS6IR	EA1AZ	K3GW	N4VG	W3HKK	JA0GZZ
	F4CPF	K4AR	NE5S		JA4HXF
165	HA5BSW	KM4A	TF4M	156	JA8ANQ
AG6HE	IU5RTR	N7QT	VA3NXM	AA4DD	JE6PJP
CU3HN	IW0ECV	N7VZ	W1EBM	EA3HPX	JR3QHQ
EI5JL	JA0MRW	NA6XX	W4MA	F5NNN	KC1ERO
HB9MXY	JH1BHW	NA7RH	WD5BJT	G4FTC	KC4DM
IK0XIH	K0ABC	OH3DP	XE1MW	G8BCG	KJ2U
JE4WOK	K0CF	OK2ZDL	ZS6C*	GM3WIL	KL7NW
JR1KBJ	K3GO	SM3PHM		HB9HHH	NE5W
JR6LDE	K4GN	SP2LLP	158	IU4BJC	VE3FAC
K3VPZ	KE1B	W5RDW	9J2BS	IZ4IRO	W5TMC
KC3AK	KW4MM	W6DOE	G4SGX	JA1CCG	W8TM
KG4CUY	LA1CO	W9GG	IK3DVY	JA2ODB	WA9MAG
KG5NP	N0AMI		JJ1KXB	JA9RT	
KO4PRE	N4KM	160	K4HQB	JF2RSF	153
LA2XPA	N7KDT	AB2E	K5DXR	JH2AJY	HB9BEM
N1QY	N9LEO	EA7LS	K8GWU	JL3DGI	JR0GXA
N2RJ	R3IS	F1OBJ	KB2XJ	JM1LPN	JR7MAZ
N3KS	SM7CZL	JA1ITJ	KF7NN	KA9OKH	K8RCT
PT2ND	VA2LC	JA1UOA	KJ7NO	N5QZ	K8ROK
RA0BA	W1OK	JM1JZN	KV7N	N7RD	K9MMS
RL3BZ	W1XV	JR1CAD	M0MCV	W1MR	K9UWY

K9YZ	SM0NUE	KP4DS	G3LAS*	N5PD	IZ3XEF
KC9WPS	VA3EJN	N0LGU*	HP3TA	N5UE	IZ6ERS
KK4XL	VA3HP	NE0U	JA3KWZ	N9MSG	K2JK
N0VVV	W3HER	NR0Q	JK1AKA	RN0C	K4RM
N5JED	W5WLA	NZ0O	K7QBO	UY2UZ	KA5SYP
OH3FVP	W6WA	RT0F	K8ARY	WB1S	KA5VFU
SP5NON	WA6MRK	UA9MC	K8POM	WX2CX	N1BCL*
W8PE	WA9JWL	W1DAR	K9AAN	WX3P	SV2JU
W8VK	WB1DX	WA1EHK	KM8AM		W1ITU
WB4SON	WC2C	WB1ASL	N1BRL	143	W1NA
		WF7T	N4KEB	AA4MM	W5GOL
		XE2B	N6FS	AF3X	W7KKC
			N6RK	DB4RG	WK9U
152	150		N9MR*	FM5DN	
AC6BW	DK3BK	148	N9XG	HB9AAA	140
BX5AA	DK3FB	4F3BZ	SM3DXC	JA1MOD	AC9GK
DF2WF	DL9SAD	A71AM	VE3NKS	K2OO	AD9DX
DU1KT	EA7LL	AI6P	WA2MUA	K6LPO	EI6JK
G4AFJ	EI5GM	CU7AJ	WA3SKQ	K9BQL	K0UBR
IK5BSC	IT9ABN	JF2AIJ	WW8RT	K9MQ	K3HPA
K2EK	IW7EDZ	JR3PKO	WY9V	KE4FW	K5GZR
K4RDU	IZ2MHT	K5LY	YB1BML	KG6D	K6EV
KD2OV	JA7GZM	K5VG	ZS6UT	KI4R	K6GCN
KE9S	K5HK	KA3GWD		KJ4R	K7VC
N2TC	K6VVK	KB8ZUN		KN7K	LA8PDA
N9GKE	K9RT	LZ1MDU	145	LB2TG	LZ2HM
NJ1Q	KI7M	N1ZZ	5T5PA	N2YBB	N7TW
ON4LG	KX5U	N7TM	AA5H	N4UP	NS0D
ON8PHD	N0TK	TF5B	AC7JM	N7ZA	NZ9Z*
R9JX	N6JOJ	W3IZ	AL7TC	TG9AJR	PA0QRB
W6RFF	NC6RJ	W4AFB	EA4S	W4JVN	VA6SZ
YV4DYJ	NM4SH	W4AG	IZ2CSX	W4UFO	W5VU
	NZ6N	W8VI	JA5SEY	W7VS	W7SX
151	ON6ZV	W9GM	JH1CTV	WY0V	W9BS
AE5B	SM0BSO	W9MAK	JJ1OKK		WW6G
DF1IR	TF3Y		K3EJ	142	YB3MM
DL4KUG	VK1AX	147	K5FXB	HB9TJG	
IK8OZV	VU2NXM	AB9KZ	K6CW	JA1PUK	139
IZ0FYW	W3KB	DL6DCD	K7YMG	J11UHZ	F5VML
J68HZ	W3UNX	EI7GY	KF4JHG	K1AJ	F6FHZ
JA2BUR	W4NE	G3VQO	KS0M	K4AU	HB9DTE
JE1COB	WA1W	IS0/YO3RA	N6KK	KA6BIM	HL4CBX
J13BFC		JK1OTP	W2RS*	KE7BMG	K0QB
K1IG	149	K8MRT	W7NP	LA1J	K2IRM
K1QN	7N2JZT	KB9LIE	WR7Q	N5RN	K2WJ
K4DET	DL1MEV	SV8RX		W8WV	K5KEW
K7LAY	DS4DRE	VR2VGM	144		K9TRV
K9AAA	ER0FEO	W3KN	AD7Z	141	KB8KIM
KE4BKL	JA0JPD	W3NRJ	EI7JZ	7K3QPL	KX4I
KE8G	K2KIB	WB8TGY	GM0VIT	9H1AE	M1EMC
KK4CLY	K4TXJ		JR1HYA	EA1T	N0CKC
KQ5S	K8SMC*	146	K1TKL	EI3ISB	N2SG
N4AA*	K9EXY	AB9BH	K8OS	HB9EXQ	N7UJJ
N7MB	KD4EE	EA4D	KS8W		
NU4I					

PY2OP	W2GGY	WU1U	W3GP	JH3PRR	JH1AWJ
R9MJ	W4UEF	YO3GJC	W3MF	JL4BSE	JH4GXE
TA1PB*	W4VG		W6OUL	K0BX*	K0MD
W4EJG	W9MR	134	W9SE	K2MHE	K6OJ
WA5YNB	WA0WOF	AB0RX		KB4DSL	K7PTC
ZL3TE	WA5YOM	EA6AZ	132	KB7V	K9YKL
	WG0G	HB9PUE	7L3SQL	KD4CM	KC2THY
138	WS1F	IZ8DEO	AA4FU	KG2U	KC2WUF
AC5AA	YB2IQ	JA6GXP	AK3E	KN4JX	KD5R
DL5KUT		JF2OHQ	AK6I	N0YO	KK7BR
DL5ZB	136	JH7RTQ	I8NLC	N1SZ	LU6XQB
DS3EXT	IS0EBO	K3KY	IZ0COI	N2YF	N0JR
EA3NG	JA0AVS	K7FL	JA9KRO	N6BDX	R3BB
G0FWX	K3WGR	K7RAN	K4BNF	NS4F	TF3MH
GM1TBW	K8CQ*	K7YZO	KG8OU	OZ6TL	UR9IDX
JA0CVC	KI2Y	K9JDP	KI7HO	PU4MMZ	W0QD
JA1VRY	NT5EE	K9SUH	KK5ID	W1MO	W5MF
JA6NQT	NT9F	KA9JCP	M3DFW	W4BH	W6IS
J11DMH	ON5GF	KC2STA	N3TR	W9CTJ	W8BI
JQ2MPJ	ON5RKN	KF5WCP	N4EDT	WB8RFB	W9EBO
K2YSY	OV2B	KN4OK	N4QOG	YO8PS	W9TO
K9BO	VE3FRR	LB5GI	NN3V		WA2BOT
KC9G	W0ANZ	N1AH	ON6YH	129	WA4UWD
KD3UY	W4GH	N6DW	OR4K	AD6KQ	WC4V
KF6A	W4PV	N6XT	OZ3SK*	AE7U	WP4CQ
KU9S	WX2K	SM3WMU	SM7DXQ	CR7BRV	WQ1H
N3PV		W2KNG	UW7UA	DS4EJA	YB0AZ
N9BVA	135	W4UAT	W3KHZ	DS4OMS	ZS6AKU
OD5YA	AB4FH	XE2AD	W4MC	IK8PGE	
PV8ABC	DL4ZAB		W5FL	JA1PLT	127
V31CQ	DL6WM	133	W7FI	JA2ACI	7Z1HL
VE3MSC	GM1BSG	7J1ABD	WA1HXX	JA3WMS	AG4TO
W0UHL	GM5YTT	DG1SGW	ZS1EL	JH1RFM	DJ5DT
WA5POK	HZ1GW	DL8OH		JN1SUT	DL5FAC
	IW1GEU	G4NBS	131	K4CNF	EA4TX
137	JA1DCK	HB0WR	JA9EJG	K7ORK	EI4BZ
DL2RD	JA3MIO	HK4EB	JH1IIY	KB4KBS	HK6K
G3PSM	JA7MWC	JA1IFD	JK8VMB	KS4WA	I2YPY
JH1SBE	JJ1HLL	JA5IBP	K0ARM	KX7L	JA0BES
K2CDJ	JL2ULM	JM1JIV	K7GA	N9AVC	JE2VYM
K2RKJ	JM1CMA	K6ME	KA5IAU	SM2YIP	JG1LRE
K6IRA	K4OP	KD0KZE	KD2NF	VK5CE	JG5DHX
KB3IFH	K5SES	KG6WIK	KN4WOJ	W7TG	JH1HRJ
KI0HA	NX8Y	KI4TZ	M0NGN	WU7X	J11MNT
KM4CQG	S53MJ	LA9KY	N0AKC	XE1ILI	JJ2VLY
KP4N	W5IO	N1BKB	NG4DX		JR1LZK
N9NFT	W7QHE	N3HYB	NN6K	128	K2GW
NI4Y	WA7HR	N5EI	W5EC	A71XX	K7LFY
OE3JAG	WB3AVD	OH4KRN		EA1AHA	KF3N
PY3OG	WB6FWS	OH7HM	130	EI3IO	LA2LI
SM5CSS	WB9IWN	VU2ABS	AA4QE	F4GTB	N0AB
SP3EPG	WO5I	W1GY	DL1SWN	HL2DBP	N0DL
TA1AL	WT3Q	W2FDM	JA2LMY	IZ1UKF	N1BZ

N3GTG	SM5AFU	K3DQB	JA1EYN	N2SO	KD9BIE
NA1RL	W0XE	KB1W	JA1WTO	N3DV	KG5VK
ON5EQ	W3ATV	KE7AUB	J15WDC	N3GS	KM6WXB
VE3EDY	W4AO	KG4OJT	K1LTJ	N4PGL*	KX6C
VU2TMP	W5CWQ	KN9N	K3CWF	N4UFP	LZ1XZ
W0MF	W6ELI	LA2XNA	KK4ODQ	NJ8G	N2ADE*
WB2KSP	W6PG	N1ECC	KU2A	NR2D	N2CJN
WB9TFH	WA4TMJ	N1GFV	N0TR	VE3QAA	N4ZY*
WC2L	WM4AA	N6DVR	N3ER	VR2ZXP	N8KUS
	WR2G	N9RE	N5ZY	VU3RGB	NA9L
	ZL3PAH	OH3TY	NA2R	W1RG	R6TY
126		PY2ADR	NA4MM	W3MRL	VR2CC
EI4HH	124	SV7CUD	NY4G	W5RYA	W1MJC
IK4TVP	DJ3EJ	VE3VHH	OZ6EI	W6GJB	WA7ZXD
IU8GNY	EC4KW	VU3WUA	PP2FN	WT5L	WA8RCK
JA5CDL	EI8IQ	W2ARP	TA1L		WB5TOI
JA5XPD	G4RGK	W2WGK	TA7AZC	119	WD0ANB
JA8WGX	IT9YOZ	W4UT	UA0FDX	DL2VWR	ZS2I
K0AIZ	IZ5BYJ	YB9WZJ	UR5FLN	F5BAR	
K2GLS	JA3AOP		W0LGQ	HL2MHU	117
K3LL	K3SUI	122	W3/NH7C	JA2KGQ	CE3FZ
K5KDX	K7HC	AA0BH	W3JXP	JA6JYM	DL9QJ
K5WRE	KB8DID	AA5B	W4CC	K0FJ	F8EZE
K7PO	KC2NJ	AB5YI	W4KCM	K2CQW	HB9MZI
K8GT	KC4AA	DL6LZM	W7PC	K7LOL	IS0BZR
K9QA	KD9ZR	G0HSA	W9MB	LU9DO	IZ7QFN
KC5RR	KE8NOA	HC1HN	WA7HQD	N8ERL	JA9KA
KK4CB	KK4TKJ	JA9ALR	WC9C	N8LCU	JM3GXU
N1GNB	KV8P	K0HQW	WQ8T	SV1BYI	K0FF
N5HC	KY6AA	K4VAC	WU9D	SV2KF	K3UT
N8YQX	N4LSJ	K5TU		VK7AP	K4AEH
NC7M	N5VBK	K7BWC	120	W1ZK	K9LCR
PV8AJ	NT4K	K9KJ	AA2T	W6ZPL	KA4AHU
VE3TMG	W0DD	KB4ET	AC4TO	W8EOG	KB2S
VK2DAG	W6ND	N0UCR	AE5LK	W9JJ	KB5CSQ
W8PAT	WF5I	N4GRC	AI2S	WF8Z	KE9V
W9COS	WW5L	N9ATD	CT7ABD	WJ1B	KG5POL
XE3E	ZL3REX	UT9LC	CU2CE	ZL2AO	KO4PY
	ZS6NK	W1ES	DS3DNT		KP4ED
125		W1HEO	DS5QLJ	118	KZ1X
AB5GU	123	W1KKG	F5AQB	6K5AQY	N2IFA
AC4XO	AB4BJ	W5HNC	IK8IPL	AE1T	N8AGU
AF8C	AI5EG	W6HB	IT9JPS	AJ6X	NG0G
EI8GS	DJ6OZ	WB2AA	JA1DCO	DJ9KM	VE7NY
G4EHT	DS4DBF	XE2MX	JH5OTE	IZ0RPS	W3LWH
IZ8EYN	G6NHU		JJ1XVA	IZ1JIZ	W4ARK
JP1GVC	IK0XKP	121	K3QB	JA1CCH	W4PG
K1FUG	IZ8LMA	5H8HZ	K4IE	JA2KPW	WA6VZN
K4TG	JA1GLE	AK0A	K9CHP	JA3KKE	WB4MM
K5NOF	JA2HOL	DL7UGO	KJ6Y	JA6CMQ	WB9WHQ
K8YAH*	JH1RVQ	HA2EQD	KM5VI	K9KJS	YO6HOY
K9ARZ	JL3RNZ	IK6BMU	LU3XX	KA9JAC	
KK5J	K2JGL	JA1CPN	N1TQP	KB3KJ	
NN6CH					

116	W5WS	K4JLD	W4LLP	K4RP	PF7M
6K2ILX	WJ5K	K4TR	W5GCX	K6DJ	PV8DX
AA0FT	WS4H	K7MO	WA1DD	K6SLO	SP7ASZ
CT7BQH		K9DUR	WD8LTM	K9TVG	T88UW
EA5GXI	114	KA5OWI	WF4W	KF6XA	W4JDS
G8GHD	EI2IP	KB1OIQ	WM4D	KF8PD	W5SG
JA5GOJ	EI4GNB	KB2TGU	WN1M	KN6HIP	W7CB
JF1AZQ	G3CWW	KC0V	WW6W	KV3W	W7VP
JT1CO	G4HUN	KH6P		N1TQ	W8MSP*
JT1DN	HC1HC	LB8CA	111	N3TTT	WA6URY
K1EO	I0BJV	LU3JVO	AK4N	N3YZ	ZS1IS
K4GHS	JA1CPU	NC6R	EI9CN	TF8GX	
K4LCP	JA8EIA	S52R	F8DZY	W1ZZ	108
K8JRK	JG4OOU	SM7TZK	G4ZWY	W5JE	7M4CLF
K8MN	JM3XZC	SV2DSJ	HB9ECS	W6TCP	AC0XY
KC1RET	JR4DHK	VA3AYA	JA4DLF	W7UV	AC8MR
KD5RBU	K3PL	VK7ZE	JA5EEU	W7YED	AC9DX
N0ATQ	KA1CTL	W1FC	JA9IWR	W8TE	DB9CR
N2ZL	KI8AE	W3JM	JE1TNL	W9GFB	DL1TPY
N3CAL	N3DD	W6BBS	K2KYH	YB1SKR	DL2AMD
OE6CLD	NA1DX	W7CD	K5NV*	YO5QAW	DL2NAI
RW6MBC	NG8T	WB2UFF	K8ZEE	ZS5LEE	DM5TI
SM1NJC	NK5K	WB9YJE	K9JIG		DU1IVT
VR2IL	TF1A		N4NYY	109	EA5XV
VY2RU	TF3G	112	NT5O	AA4RX	G5CL
W1HQ	W0QKL	3C3CA	P40P	AC8AZ	HL5JYS
W7QC*	W2ZK	7Z1CQ	PT7CB	AF3K	IK1RKN
W7WES	W8LR	AD4YQ	TA1UT	E70X	IK7ZLW
W9LU	WD0AJG	AJ6V	TA2RC	F5DBT	JA2DCN
WA4VJK	WN0L	EI8JB	W6KF	F8DHE	JH1OVY
WT9U	YB2BNN	G0DTX	W7WT	G0MMI	JR4NUN
WW5RC	ZS4JAN	G3YFE	WA1JQC	G4FVZ	K3XO
		GM0SCA	WB8PKK	JA1IAW	K4PWS
115	113	IK4EWN	WU4B	JA1QEY	K8LBT
AA9WO	AB1NS	IS0BQE	WW4N	JH4GNE	KC5N
AF7WM	AC0B	JA4RED	XE1ZTW	J11ZS	KC8YG
E74A	AD7XG	JF3AHI		K0FD	KE3ZT
HL4RBR	DL2DCX	JH0LME	110	K0TI	KG4IYS
IW2FLB	EA5DPL	K0XM	AG5Z	K4AEN	KI0KN
JA0NPQ	EI2FG	K4HEB	CT7ANG	K6JAD	KI4SFT
JH8LEY	F5EOT	K4ZMV	DK4MX	K9JE*	KJ2AM
K1RE	F8GB	K4ZRJ	EA1BLA	KB3Z	KJ4SKO
K8CR	G0UJI	K8CJY	EI9HX	KB7DT	KO4XI
KB4CRT	G4NAQ	K9KDS	G4VWI	M0AQM	LA4EI
KG4URP	G4YCS	KW8I	HB9BEP	N4LS	LU2AH
KW1X	HB9GZE	N0OK	HG6IA	N4WD	N5FPW
MM1PTT	JA2CPD	N8AID	IZ1EPM	N6RVI	N5TW
N7PIB	JA4CSJ	NQ4A	JF3KOA	N7TP	NJ2X
NE1RD	JG0HEW	NZ7Q	JH1FRW	N8XS	TA1HZ
NW6V	JH1GNU	S51DV	JR2PAU	NN8L	VE7VV
OE5MPL	K1JKR	SV2BXA	K3MSB	NS7K	W4DVG
SP5BMU	K2KNB	W1USN	K3WSU	NW6R	W6CN
W4OV	K4JDJ	W3WN	K4KAL	NX1P	W7SMW

WB5ZAM	EA3AGY	EI6GF	HS3OY	K0JDD	N8KOJ
WB8LEM	EW4DX	FM5FJ	JA1CC	K0LU	NA4D
WC4B	F5VIF	G3LOJ	JA1DHY	K0OOK	NN5O
107	F6JSZ	HL4GHT	JA1RBY	K1FBI	R9GM
AB7RW	G0OJG	JA1JYS	JH1MYJ	K2RNY	S51MA
AK1P	G0RPM	JE2VVN	JI4HKA	K3PIN	SM0XG
BG8PA	G3LPS	JE6UWU	K0BRO	K3TXW	US8ZAL
DJ5FZ	HI7SB	JJ2BLV	K0HB	K4NI	VK2GR
DK2GP	HS7WMU	JK1AIA	K1TWF	K4SAW	W1GF
E73D	JA3FRI	JS2IYY	K4KZM	K6XJ	W4ASE
EA2BFM	JA7HYE	K0MB	K4WW	K7HV	W7FS
IC8XIL	JF7NNI	K1RI	K5JUC	K9WMS	W7HJ
IW1PVT	JJ1IRS	K5WE	K6WY	KA7CVJ	W7IMU
IZ1XBB	K1XO	K7CMZ	K7UW	KP4DDY	W9GWP
JA3MAT	K6US	K8FB	K8WVA	KQ6K	W9TVX
JE1CTA	K6VWE	KJ8N	KE4YOG	M0UPL	WB4PWZ
JS1LQI	KA9TOX	KK4MA	KE8Y	N1MIE	WB7QBS
K2FJ	KD2RUY	KZ4EX	N1FOJ	N4MTT	WD6T
K2ZD	KI4NSP	LA9JKA	N3PW	N5OP	WD9IOK
K4LQ	KM8V	LZ1JZ	N4PAJ	N8URE	WN9A
K6DLB	KT5V	N2YU	N4ZR	NB3R	XE1SAX
K7UWR	M0PCB	N9APK	N8TEM	NI5G	YB0EIN
KA4LBD	N4DJT	N9IXD	N8WXQ	NS7U	YB9AY
KB0EL	N6UOZ	ND4K	NA8W	RX3BP	YO6BHN
KF2G	N7MW	NK7L	OM6CI	VE7XT	ZS2ACP
KJ4FZ	N8OYY	OH6IH	OZ9U	W0RSJ	101
KR4U	N9ZJ	PV8RR	PY2YW	W2SUB	AA9D
LU5OM	NG4C	VU2DED	RK2M	W4CU	AB2NI
N0MHL	NI7F	W0PPA	VE3ZN	W8EH	AB4EJ
N1UZ	PT2DF	W1MRH	VK3MB	WA8KNE	AB8YZ
NI8Z	PY2OC	W1PY	W0VU	YB1ALL	C31MF
PP5VA	UA0ABB	WD4OHD	W5PD	ZL1IM	DD9WG
RM6LW	VE3BHZ	WK3A	W7KHZ	102	DL3XAC
SV3EXP	VE3XK	WK7W	W9GXR	4X1VF	EA4OR
TA1CQ	VU2MB	WZ9B	WB4HMA	5W1SA	EA4UV
UX5XK	W0TLX	YV4EH	WB7QXU	DB2WD	EA8TZ
V31MD	W4/KL7GLL	104	WX0B	DL4FDM	G3VDB
VA2GA	W7GB	7N4OBV	YB1BUL	IC8SQS	G4GEE
W5HY	WA3IIA	AA2WC	YO6HSU	IZ7QSS	G4PUQ
W8JA	WA8Y	AA6XV	ZS6HON	JH1IHG	G8GNI
WB2BXO	WV4E	AJ4AV	103	K1MDA	IK2HLM
WB2MKX	YO4CPO	CT3DZ	AF8P	K2DH	IU2LFP
WM4W	YU1LD	DD8BA	DS5JMG	K2DW	JA1KZP
WS7I	ZL3RIK	EA4EJP	EA2RY	K4HR	JA5ALE
ZP6CW	105	EI3HA	EI9GLB	K6BLG	JA5JUG
106	AA2F	F6ARS	FM4LV	K6JAV	JK3NSD
AB6WQ	AI1W	G0DRM	HB0RER	K7JH	K0GEO
AC7DX	AP2IA	G3VAO	JF1KIG	KA8HDE	K3AXB
AC8IL	DL9GTK	GI3SG	J11FXS	KB1AWM	K3LA
DS2GOO	E29TGW	GW0ANA	J15RPT	KO3F	K3SNO
DS5MNO	EA2AA	HA5DI	JP1KHY	N2FY	K5HX
	EA4E	HB9BMY	K0FTC	N4IR	K8ESQ

K8PGJ	AE0SQ	K9EA	W2MW
K9GL	AE4VJ	KA2F	W2PTP
KB5YN	AF4OZ	KA4H	W2XX
KC3OPI	AF9W	KB2GCG	W4CG
KC4ZA	AI4EY	KB5RW	W4DFU
KC5W	AK4AO	KB6IGK	W4YR
KD4SR	DB6VH	KD1DT	W5YKU
KE9UA	DC1TK	KD5FVZ	W6OZI
KJ5RC	DK1MCS	KE1IU	W9KM
KN4AMX	DK7GH	KF5MDZ	W9ZT
KU4A	DL3ANK	KF5TL	WA2ALY
LA3ANA	DL5JH	KF9EX	WA2VJL
M0PTZ	DS4GQR	KI0G	WA3UTC
M5LRO	EA5PS	KI3O	WA3YZD
N4PF	EI2HZB	KI4PG	WB0RXQ
NC8I	EI4DQ	KK6MF	WB2ZEX
NZ1I	EI4GJB	KL2R	WB6RAB
OZ5JQ	EW4A	KL7KK	WB6RJH
PA3AIN	F5JWH	KL7XO	WD1M
R2ARR	G0GFC	KR4Q	WD4GZW
RZ6MJ	G8GFF	N0JX	WD8CW
SV4FFL	GW0KRL	N0KM	WI0E
TG9AKH	HB9HFM	N0VTZ	WM9Q
UA4PK	IK7NXU	N1KI	WU1T
VA3QBR	JA7PKV	N3NVA	YB6LAY
VK4BUI	JE7KCI	N4FKH	YE1AR
VU2OT	JG3LDD	N4GOA	ZS6CR
W0ZX	JG5VFK	N5CR	
W2FDJ	J11LLD	N5LJL	
W2GHD	JN1RFY	N5LKE	
W2GM	JR4VEV	N7WFK	
W3RMS	JS6UOU	N7WR	
W3SW	K0PG	N8HM	
W4PM	K1HC	N9MKC	
W6OU	K1JX	ND0B	
WB5KSD	K1PTF	NE3K	
WM5H	K2UF	NJ8J	
WU6K	K2UT	NX6D	
WX7B	K3NO	OM2AGN	
XE1AO	K3RRR	OZ1GCT	
YB8HZ	K4GM	OZ9GA	
YO2OXD	K4KYN	PY5VC	
	K4QS	R2AB	
100	K4RSA	SP7LPD	
2E0XAR	K4TMG	UR8IDX	
7L3IUE	K5LLA	VA2EU	
A41ZZ	K5MMH	VE1JF	
A71EM	K5PSN	VE3KKB	
A71UN/P	K5VSD	VE7ON	
AA7UN	K5YE	VR2PX	
AC0DH	K7RB	VU2OY	
AC0WL	K7VL	W0RMS	
AD4J	K8DTF	W0WT	