

ARRL - Fred Fish, W5FF Memorial Award

The ARRL awards the Fred Fish, W5FF Memorial Award to amateurs who submit confirmations for contacts with all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The following listing contains the call signs and FFMA totals as recorded at ARRL HQ today (14 Jul 2026). Awards are NOT activated automatically; participants must apply to have the Fred Fish, W5FF Memorial Award activated when the qualifying number of credits is obtained.

See the [ARRL VUCC page](#) for details.

488	W3CP	N0POH	474	461
AA0MZ	W4UDH	W5VY	K7KQA	N4JQQ
AA5AM	W5ADD	W5ZN		NA9RB
AA5C	W5AFY		473	
AA7A	W5AJ	484	NQ7R	460
AI5I	W5EME	AD6D	WB0O	K5OMC
K0GU	W5FF	AF5CC		KF0M
K1TO	W5KI	AI1K	472	W3UR
K1TOL	W5OZI		KB7ME	
K4PI	W7GJ	483	ND4X	458
K4XO	W7JW	AC0RA	WD8JJA	K9NW
K5RK	W7KNT	K1USA	WE9R	KG5THG
K5UR	W7MEM	W0VTT		N9BCA
K5WE	W9FF	W5TRL	470	NA6MG
K7CW	W9JN	WB0ULX	WO7R	
K7ULS	W9RM			457
K8SIX	W9XX	482	468	K4HB
K9CT	WD5K	K0BJ	N5EKO	N9PGG
KA9CFD	WQ5S		VE3EK	NI0G
KA9FOX	WS9V	481		
KD5M		KC7QY	467	456
KG5CCI	487	N4WW	NY0V	AJ4A
KM0A	K0SIX	N5WS		N4QS
KM0T	K0TPP	W9VHF	466	
KO9A	K7MAC	WA7HQD	KA0JGH	455
KR7O	K9YY		KB6NAN	K9MK
KV5W	N0AKC	480	WB9CIF	WA9DU
N0LL	N7CW	K5GZR	WX7M	
N0LWF	N7IR	N4TB		453
N0PB	N9ISN	XE2OR	465	K3SX
N0TB	NA6L		XE2K	K4YMQ
N1AV	W3IP	479		K7PI
N3SL	XE2CQ	W5WVO	464	KB9DAK
N3XX		W9RN	AJ4F	
N5DG	486		KB9OWD	452
N5NA	K5ND	478		N5BO
N5OMG	K7BG	AD1C	463	N9BX
N6JV	KX4R	AE5B	K4MY	NE1B
N7NW	KY7M		W5XC	
N9LB	N0KE	477		451
N9UM	N7KA	KC7V	462	K5WBM
ND0B	WD5COV	N5KO	K4SO	KD3CQ
W0FY		N7ZO	K6ZH	
W0JW	485	NC6K	N6ORB	450
W0LGQ	K9MU	W6XK	W5THT	K8ZM

KF8MY	437 K5RT KK4MA W3LL	WW1L	406 AK3E K6FG K8EB N4UFO	K6RO KT8O
449 KF6HI N8OC W8TN WB7CJO	436 N9FN W3TC WB8ART	419 K7NN W0GN W5AL		393 K1GG K7XC KV7N WR7X
448 KP4AJ W3LPL	435 KF6A	418 NZ3M	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF
447 AH0U KS7S N2NL N4SC	434 K1SIX VE3LYC	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	391 AB4SF AD5A W4AVY W6TMD
446 K1HTV K6EID WB8ZBT	432 K6GXO N6KK	415 K7AWB W0GJ	403 NH6T/W4	390 KI0E KZ2I
445 K4XP KU7Z N4LR	431 K0TLM	414 AA1ON K0DEQ N0GZ W4TV	402 K3FM K7SMA	389 W5MO W7FI
444 N7BAV W9WO	430 K1TEO	413 AE5FM WA9LFO	401 K4CKS	388 K0IP W4WRL
443 AB4IQ K5XI N4MM	429 K4ZOT K8ZR WA5JCI	412 VE2XK 6M FN07P	400 K2TER W0JRP W3UUM	387 KV4T N4CH
442 AG9S N2QT N4TL	428 K9APW	411 N9EAT	399 NN4R	386 N7IJ W5TFW W7AH WE4S
441 K8TB K9KLD WA1EAZ	427 W0RH	410 KB0V KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA
440 W2IRT	426 N5OK W5JAY	409 N1EVK N5SYV	397 KE4TH	384 K8ROK N2WK
439 K8ROX N4QWZ NM5U	425 K6ML	408 W7BA	396 K6VHF KB8U	382 K5PI VE3YXO
438 N5TJ	424 N4UFP N9AKR W3EP WB8BPU	407 W4AS W5CIA W5PR	395 AA5XE K0AZ K5XM KF7CQ WB4EVH	381 AG4W W3VZ

380 K7MCX NE6I WA5LFD	368 K0DD W5RCI W6GMT	355 KD5XB N3AIU (DM45)	N8HRZ	VE1JBC WB5TOI
379 AB9BH N8WNA	367 KC4HW W7YAQ	354 NU6S	341 KD7DCR NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ
378 KR4BD	366 KI7JA	353 AF2K K0CS WA9PWP	340 N0AN	
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW	352 KF9UG VE3DS W0KKK W1DYJ XE2ML	339 KE4BKL VA7FC W5VAS WB0OQV	332 AA7UN N4JDB N7KDT VA3IKE W9GM
376 K8GI K8VFF N3OC	364 AB5EB K0RAR N6QQ	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
375 K6QG WB4OQX	363 AB4EJ W4NH	350 N6VI N8YO	337 K8ZES W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
374 K0TT KV7K N6GP N7DB NY1V	362 W1JR WA5OLT	349 KA0BAD KB1EFS	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3XN WO9S	329 AA1QD N2JJ W2OR W8WG W9DCT WB4KTF WX4G
373 K4SSO	361 AC9DX K6EME K8BL K9NR N1KDO N8KOL NG4C	348 N1JFU NJ7G		
372 JA7QVI N0FJP	360 K6UM (CN85) W0NOZ	347 W2HRO	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
371 AA4ZZ N3PS WA6BYA	359 AA4FF	345 AA8SW VE7BV W3XY XE2YWH		327 KJ5RC N0YO W2JU W7YA
370 K5TN KN4SM KS4YT N3MK NT0V W4FC	358 K5RLA KG8P N8LRG NK0S	344 K6FW KB0PE W1OW		326 K2ZD K5KEW K6LMN K6TDI NG7M W7JLC
369 KF8UN N2DPF W8LMG	357 K4LVV	343 K5EK N3RC N6KZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR	
	356 K7PT			

WF7T	314 KU4XO	WA0GUD	294 K2UU K6JSV W7IMC	NJ2F (EL96)
325 WA2AEY WX0Z	313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN	303 EA8DBM K8TGC K8TL N7LAN	283 N5OHL WA0FQK WB0CQO	
324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	312 AF6O KA2GOJ	302 JG1TSG KB2TGU N3KN	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K5TA N8JCM W4WM
323 N8II W8KEN WO2T	311 AC9S DK8NE KM3T KS4XQ W2BZY W5DB	301 N0HJZ W7IB W9OBG WB0TVY	292 KJ6P W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
322 K0CAO N3ALN VA6SZ	310 N1NK W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 KS4S W1WHL W2CCC	280 N0KV NM5Z W1FKF
321 N0LD NC7B NS4C W9VA	309 AA9RR KK0DX WA8ZID	299 KX7L VE6WK W1LE W8UV WB5GVY	290 WA8EFK	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 K1ST K7LOL N4DW	308 WA4HFN	298 K0MLD K0PG KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N
319 KF2T N7US	307 AG1A KE5K W3ATV W9RPM	297 KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	277 AC7JM PV8DX
318 W4HY	306 K4QE KE8Y WV9L	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO NS7K	275 K1MAA K2NJ N4GG VE6TA (DO33) W0FK
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T		284 AB0RX K0KP K4DET	
315 K5VH NY2NY XE1AO				

274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	K1NJ K2HAT NA2NY WB7ECS	N5PA NW6R	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL
273 KM4H KV1J VE6SH	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K8AO KQ5U N1GC N5SMQ	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	238 AA3GM JP1LRT
271 K7NII KB7FUV KL0S W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 K8MVZ KG4JPL W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	237 K3KO
270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	254 KG9Z N4GBK N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	236 K0SU K4NK N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA	253 F4BKV KG4ERR N2XQM	245 AE4WG N1IA N3XF VA3CW	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD K9MQ N6HC NT7C W3DF XE1YD	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	234 KE6FCT
267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	233 K1AFC N9NJS VE7VZ W8PAT W9TD XE1L
	258 AB5GU	250 AA9LC	242 IT9IPQ K3WW KA3TCC VE3SMA	232 K5FO KK8MM N9NJY WA2OTC
			241 N6NU W5LO	231 AI9L K4MIJ

K6HEW KF6GYM W9XT	223 K7UA NJ7A	N2YU N6KW	206 AB0CT AE4M AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	K4YJ LU4FW N5AO N7PHY N9AG VA3VU
230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ		199 N3KFB W4OEP WB0YEA
229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC		198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM
228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX K3EA KF7NN N1SV N2OA	205 AF4OD K8SD KE4HOA N5ITO W8QID	197 K3EGE N4BAF W3TW W5CTV
227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S W2ZDP W5HNN W6AER W6KAP	204 KO0Z LU2DX WA3DRC	196 K0AIZ K0NR KD3HN N5DUW W2AMR XE2ED XE2W
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	195 AA4W K2WJ K6VDP KG6WIK
225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W	194 K2MRK N3FA N9NFT WF1H WK8A
224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	193 K9AB KD2NF KF6XA
	215 AL7OC K2SX KI5FJ	207 K6US N1BCL N8NJA	200 4A2MAX	192 N1LF N2NB

N3CAL	NA2R	VA3DPB	KE4SCY	N5VU
N3NR	PY5CC	W8LHP		NC4RY
N4LXB	W3OU	WA4QMQ	172	VA3WEB
N4TV	W5BPT		AB9KZ	WB4KXS
W6MTR	XE1R	178	K5ZED	
W8FN	184	KA2AYR	KI4PKW	165
191	AF5Q	KB0EO	KJ6HI	K4DXT
K0ITC	I0WTD	KB1RZA	VE2PN	KD5HPT
K9CS	K0DEW	KG5RJ	W4ABC	N3FX
KK6OH	KR4M	N1ZUK		W0RIC
N9AMW	N1IBM	NQ2O	171	
W1MJC	N4BG	VE3NRT	AA4PB	164
WA2BKN		W0ZY	HP2AT	K2SD
WA5CAM	183	W1MAD	KC5GSK	K5VWW
WD4JHD	K5RQ	WY7FD	KC5YCH	KD0UHN
	N0UBL		KI4TZ	KF9US
190	W2UDT	177	NS3L	W4CSW
K5DB	WC4H	AG4ZE	W1PX	WK7G
K5ER		K2QQ	W6IA	WQ7F
KC2DLD	182	KI4BWW	WA2KBZ	
KN4PPD	AJ6T CM87	N2ZA		163
N9UA	FP/KV1J	NY4I	170	K2JF
W1ATV	K5GMX	SM7FJE	K9TVG	K2YSY
W2OO	K8WK	W5ZG	N8CN	N5XZ
W4GE	NZ1I	WA8UEG	NA2U	
WB0DBS	W9JJ		W4IHI	162
	XE1CL	176	W4JKC	AF4GK
189		AD5ZA	WK3V	K0QB
4O3A	181	EA5BY		KA1R
KC0MEA	AB9FN	K0DI	169	KD4TDI
WA5VKS	K4CMS	KX9X	K6XC	N5SIX
	K5HDE	N5QGH	KD5OMJ	OE6IMD
188	KB8YKR	N9ARX	N2BEG	W9JJB
AD7KI	N3XJX	NP4BM	N5XES	W9VS
KD4HLG	N4DTF	W5AFD	VE3HHT	WA1Z
W4AZR	N9MSG	WA5IPS	W8KNO	WB0WAO
WA7VHF	NY0A	WW2R		
WU9Q	W4RBO		168	161
WX9M	W9BS	175	KG5ZMQ	K0KVR
	WJ1B	PV8BR	KS9J	K4EA
187		174	W2PD	KB3CWQ
AA8R	180	K3MD	W8WEJ	KK9M
K0JDD	K0OST	K6WRL		N2YBB
KQ0J	K4LYN	KC0IYT	167	V44KAI
	KC1MMC	KC6ZWT	K4MQG	VE3LC
186	N1RK	KG7P	KB1YNT	W4HOG
K8PT	N6PEQ	KU0A	KB9REV	WA1LAD
K9SG	N6VH	N1MGO	KE5EP	
KN7K	W5HI	NA2NY (ex-NA1VT)	N0NHW	160
N0XLR		NA6O	N00T	AB1QB
N6ZE	179	W3SO	TG9ADQ	JA1AFR
	K1EP	WA2PNI	W1BAT	K5IQ
185	KU4WD			159
AD6W	N0LIE	173	166	AA6AA
KD5BQT	N0MMA	K2ZZ	JA1OVD	G0OIL
KU4UC	NH7RO	K5YPV	KC2GHT	K4MZ

NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	KC2TN KM5TY N4HID VA2RC VE1VOX	BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY	K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H
158 K8CR KI0D N2CG	151 W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA		134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI W5DM WA3WZR
157 K4FX KB8GC KC2WUF WA7NB	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL WY0V	
156 IZ8FFA K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	
155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W6VNQ (CM88) WB6RAB	142 NA2X NC4VA W5SWV WA5TKU WS4V		133 KA5ETS KC1RET KE1VT KM8V W0RT W15D WW7Q XE2O
154 AE4NT KB9VMW KW4OV NZ6N W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WL7OU WR7AY	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHz W3DQS W5FI W9ILY WB5ZAM	146 AC0W HB9EFK K2GW K8YTO KB0YH KB5ZEA	140 AC5DK	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JA3LZS JR1BAS K3NAT KG9R KT3X N2CJ
			135 CU3EQ	130 AB0X K0GUR K4JKB K8LG

KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	117 AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC
129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR	124 K0DLW KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W3KN W6SCQ W7YM W9CDL	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	116 IK7EOT K4RGN KI6QDH KU5B N0VR NO0B W0DHB	112 EA4DEI K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV W9PN WA8TWM WG3K WX3P XE1GK
128 JR2LJO KC7QAG KJ6SDF KN4DMN N1SFE W0WT W5ZO W8FR WB2WEO	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO UW5ZM VK9DX WA3BZT WC7V	111 N0SLT PC3T W8GBH WZ8P
127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK WB2KSK	114 AC8HU K2RET K3RTU KC4GCK NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO WO2C WX4US	110 G4BWP K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP
126 KJ7G N0BDS N7DGI WB4HUC YL2AO			113 AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL	109 AK6ZZ IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA KZ7N N8TMW
125 AA7DK	121 AE1P			

N9TTX	VA3OKG	AB0YM	K5HX	99
VE3AAQ	VE3AJY	AB5SS	K7SYS	AB0SD
W0YJT	WB6VYH	K2OY	KB1JDX	AB3TM
W1OP	WQ9F	K4MVL	KB4KBS	K0YO
W4ZRZ	105	K8ZEE	KC6AWX	K4KEW
W5MPC/1	AC4Q	KA1W	KC8CSD	K4WQ
W7RJR	DS4EOI	KB0FHP	KG8WB	K4ZO
WB6YIY	K4SJA	KB2SGX	KG9IL	K5VPQ
WB9W	K9MAL	KC9FFV	KL2R	K7DD
108	KB3JGS	KF0AIJ	KR4WM	K7PAP
CF3VRQ	KC0JYT	KF4DVG	KR7LD	K9ZZE
JA9IPF	KC4KK	KR4NO	N1IX	KA0ZEE
JP7EIP	KF4DGS	N0YXE	N4AOE	KC2IEB
K5OPB	KJ7TH	N1JIF	N8VEA	KC6X
K7MDL	N4NQY	NF6P	N9DVS	KD4MWO
N3MWQ	N5SAN	NN2D	ON9CMR/W0	KD6RUH
VE3SUB	N7YY	VE7DXG	VA2LGQ	KG9AP
VE7IG	NE9O	W0TF	W4LLP	KR4UA
VY2RU	PU4JOE	W3LEO	W5KBD	M5MYH
W4AMP	VE3VRQ	W6IT	W7ISG	N4FV
W4CRN	W8MIL	W6XU	WB8IMY	N7HRT
W5AAJ	W9RVG	XE1RBV	WD5IYT	N7JPF
W8EH	WA4MYO	102	100	N7TE
W9VNE	104	AA9MY	AC0FT	N8GHZ
107	AB9YC	AB8JH	AI2S	N8YV
JA3EGE	AC5K	AD6KH	AI9U	N9MKC
K5UIC	AC5RN	K0HAQ	K2UA	NB5R
KF7PG	AC9QR	K3HW	K4UQC	NH6CJ
KI9A	IK4DRY	K9AM	K5GM	NI5W
KK4LUM	K5PPP	KA3ZLS	K5KV	NS2P
N3TTT	KB9RNO	KB8CR	K8IJ	VE2HAY
N9OI	KC1LXO	KC6WFS	K9CC	W2HOG
NF0T	KC2TR	KC8DMN	KB9ZLB	W2VU
US0KW	KD9GKL	KD8NYO	KC2HLI	W5JLC
W2TTT	KJ7OG	KE1AU	KC8CC	W6TJU
WB4PPW	KM6WXB	KJ4M	KC9CMT	WA5TRX
106	KO4LZ	KR5V	KD3SW	WB5NHX
K0MEI	N0STP	N1HOQ	KE5CVM	WB7VVD
K5BJW	N1LDY	VE7ZD	KF0Q	WK5X
K7BWH	N2FBQ	W4RVZ	KG5X	WW2R (EL09)
K7JE	N3UPS	W5DPT	KJ5OA	98
KB0TIJ	N7AGF	W5OV	N3TBB	AC2RL
KC7ICM	NJ1H	W7UT	N4NIA	AD8Y
KE5JXC	VE2PIJ	W9NFL	N5RZK	K0KC
KJ6MBW	W1TE	WA4IOB	N5XTR	K0UD
KK2DOG	W1ZE	WA8EQP	N7EME	K3IXD
N0RQ	W4KVS	WB5FDP	N8COP	K3QIA
N1USB	W6ZQ	101	N8XS	K4OP
N2IPH	W9EBK	AE7V	VP2MRM	K5HOB
N4CE	W9MDB	AI5WW	W2CH	KA1EKR
N5FPW	WB2VUO	K0IN	W4/KL7GLL	KE4LGL
N5YHF	WB8BZK/VE3	K0SBV	W4OZK	KG4YOU
N8HM	103	K0WJ	W8BZY	KG7E
N9XMU	AA5CK	K2NUD	W9DQ	KJ2G
		K5DWI	WA5TLP	KK0CQ
			WV9E	KY0Q

N0JJQ	WB8RVK	KC5N	KD4VRZ	KE6UMW
N1JHJ	WB8ZTV	KD7WH	KE3WM	KE8RPJ
N3LRP	WE8L	KD8DR	KF0LA	KE9V
N5TEY		KD9ZR	KG4NLZ	KI0J
N8AID	96	KI0SK	KU4JZ	KK7MNC
NO5X	AD5OW	KW9U	KV3W	N2BX
NO8R	AE4TQ	N1XK	N0LNE	N2YTF
VA3VF	AK4F	N2SLO	N0LP	N3AO
VE4XTZ	K2CK	N2WLS	N2SU	N3ZBK
W2KRP	K2UF	N3WAV	N3JBH	N4GOA
W6TE	K2UNK	N4ET	N3XBG	N4YHC
WA2FGK	K4EQH	N5BLY	N3YUG	N7EGY
WA3TLT	K5CRJ	N5ENU	N5ZMP	N7JI
WB1GQR	K8EMR	N5KI	N6HY	N7KSI
WB2YDS	K9OT	N9IV	N6MXU	NA9D
WD0E	KA2NDX	N9LJX	N7NH	VA3JFF
WH6LR	KA3HED	OE9KFV	N7UN	VA7QI
WT5H	KB5GI	PY2KP	N8WWM	VE3WMD
WV5Y	KB8PNS	VA3KS	N9DD	VK5PJ
	KC0HBP	VA3PZ	N9UNX	W0MHK
97	KD6PY	VE3KZ	VA3MA	W2VTV
AB8M	KI5TE	VE3SPW	VE3RX	W3ZGD
AJ9C	KM5NU	W4YZJ	VE5MX	W4VG
K0HB	KR4EE	W5ADA	VE7AB	W5DMT
K0JQZ	KS4V	W5CBF	W2GR	W5DWA
K0QEI	KT5RR	W5RCQ	W3IPA	W7EIR
K0SH	N0WVU	W7JWC	W3TA	W7TRX
K0YQ	N2LID	W9SX	W4LNG	W9IFW
K3HZO (FN20)	N2VHZ	WA2ONK	W5ODD	W9NED
K4GTR	N2XK	WA3I	W5PUF	W9WI
K4JQU	N8PAQ	WA4WR	W7NX	WA5ICA
K8XF	N8YBY	WB2SIH	WA7LHZ	WB5CON
KA2BSK	NT2A	WD8DOT	WA9BXB	
KA7EII	NW5Q	WS4S	WT9U	92
KC0YBM	NY2Z	XE2AT	WV7S	K1EY
KD5CKP	VE2DCP			K5GDX
KF4KSN	W1HMM	94	93	K5TDA
KM4NYI	W3VHF	AA4RP	AG2A	K7FU
KT5WB	W4KK	AB4VT	AG6CV	K7HKR
N1VMJ	W4TMR	AD1DX	AI8F	K7UWR
N3UMA	W7JHS	AK8CW	K0IW	KB0PQP
N4BH	WA3EEC	HK4SAN	K1PTF	KC4JNW
N6MA	WB0M	K0ARM	K1ZK	KD4QMY
N9APK	WB5KJE	K3BEE	K2AK	KE4WBO
N9IO	WP4LNY	K3TUF	K2MTS	KG4URP
N9KY		K4JRK	K4DAM	KR7X
NK7C	95	K4LDC	K5TRI	N2SG
NU0Y	AB9AI	K4NNX	K6RM	N3GH
NV3K	AE0G	K8GT	K7IP	N4VN
VA3FIN	AE5EO	K9DOG	K7TRK	N5QO
W3QT	IK8YTA	K9SUL	KB0USF	N6FD
W4CWA	K1PNQ	KA2F	KC5TGT	N6RPM
W4DAS	K4ED	KA9UVY	KC5TT	N7DED
W4ID	K8BB	KB4YKC	KC9TTR	NS6E
W7DN	K8KFJ	KB7AK	KC9UL	UT5JAJ
WA6OSX	K8ME	KC0AUY	KD0QG	W1PV
WA9LEY	K8VD	KC3AK	KE6AZX	W2ACY

W2CVW	DL1SMA	W2JEK	87	VE7DAY
W3ACO	JH4JNG	W2OK	AC0A	W1WV
W3GP	K1HC	W4ZMM	AG4I	W3STU
W3HZU	K1KA	W6VNU	K4JC	W4IT
W4BP	K3CWF	W9HT	K5UZ	W4RA
W4LIA	K3UAL	WA7SDI	K5WO	W6ST
W6NS	K4AAP	WB3IAL	KB1VUN	W7SIR
W8JV	K4FTP	WM6Y	KC8NAH	W8DQ
W9HBH	K4XZ	WQ5C	KE6WOX	W9QY
WA3JKB	K6UIP	WR5AY	KI6RRD	WA4WKL
WA4EEZ	K8EAB	XE2NL	N0ELA	WD4LSS
WM3O	KA5TJI	XE3DX	N2CJN	WF4R
	KB5FHK		NA5DX	
91	KB7BSA	88	NE5S	84
AA0CW	KK4DZP	AA4QE	NI5F	CT3FT
AD3Y	KW3DX	AE0DX	NN7RM	K4EZY
CO2WZ	N2ULL	AE4OF	W8GOC	KE6NDG
K1UR	N4BRF	AF4MI	WB3IGR	N1KI
K4SPA	N5BA	K1RS	WB8JAY	N2NWS
K6YK	N9JJ	K3TN	WF4W	VE2WBK
K7HPN	VA3XOV	K4XD		W8PU
K8OI	W9CPV	K7CTV	86	W8SGR
KB2YWU	W9CSY	K7WV	AG1T	ZS6NK
KB3IAI	WA2BEV	K7ZYV	K7FB	
KB3NDS	WA8OJR	K9JF	KA9OKH	83
KB7AZ	WD9HCF	KB2KIR	KB7JJG	AA6E
KC5POV	WE7H	KC1GWX	KI6HQT	DL5XJ
KC8LGL	WEST SEATTLE AND KCBUR	KC3BUR	KN4MMH	K1LH
KE1IU	WH6LE	KE8UM	KP4TB	K4SQC
KE7RTB	WM7C	KI2D	KT1R	K6JJ
KG4QWC	WT4C	KI4RFM	N2NF	K8SIA
KI3O	XE3/K5ENS	KJ4KW	N3MVF	KB3HHA
KI5BLU		KU4S	N8TFD	KB9LIE
KM7N	89	N0OK	NZ3O	KK7BV
KM9I	AB1TZ	N1CEO	SV1RK	KU4WW
KQ6K	AG2AA	N2MKT	VA3MDB	N5PD
N3PPH	AG7NR	N2ZN	VA7LM	N6KTH
N3WCM	G4NBS	N4CAG	VE7IRU	SV2AEL
N6DW	JQ1TIV	N4GN	W8IW	TG9AKH
N7CZ	K4BMM	N4KIN	WA1PMA	W7USB
N8DEZ	K5CX	N4UC	WB4GCS	WD6T
NR4J	K5JAZ	N5VBK	XE2AU	WD9IOK
NU4N	KA0MWA	NS3X		WI6Z
VA2BBW	KF4TVL	NT4TN	85	XE1MM
W2SUB	KI0G	VE2VLJ	AC9GK	
W4MLN	KI4FW	W2BZR	EI3IO	82
W5KDA	KI4US	W3YX	K1UU	AD4IE
WB0NRV	KR4U	W4DL	K4LRP	CB0ZA
WB7X	N2GZ	W4RXR	K5MJP	K3RJK
WC4V	N5KAE	W7HDD	KB3MXK	K4JMX
XE1GZU	N8YSZ	WA2BTR	KC0V	KA5WSS
	N9RG	WA5MD	KE4DRF	KC5YKX
90	N9UDX	WK3N	KK4AND	KG4KVZ
AA0LM	NE2U	WV8O	N2RJ	N1SF
AB4WL	VE3VCF	XE1SOV	N4LS	PU8TEP
AB9DU	W0HRO		NJ1Q	W5DAS
AF5BG	W1HY		VE3GFN	W7YOZ

W8GG WA2ONG	N1GNB N2MH/4	68 AA4S EH7CD K6CF KJ7TEA	JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN K4ZIN
81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC XE1EE	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL KF4JHG W7YED	56 K6ZZ KI5WA LU8ADX NI6T	42 W0PR
80 AC6BW G4FKA K7FR KE4PT KR4Q KW1DX N2NS VY2HF W2DEN W5TTY W7AM	74 AK8B CX4AAJ HB9ALO KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	55 LA3MHA SP5APW WA2EMF	41 E75AA LA6OP N6PAZ
79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	40 HA5PT JF1LMB JR0QFA WB8TGY
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QC)	53 K0BBC PP1CZ	39 AA5PK
77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DG7RO DU1EV K8YSE
76 K0WYN K6MAA KI4CYB KI7WXP	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	62 K4DXA N6ZDH	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL
	69 K3WGR W1YM WD4LBR YL2JZ	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK
		60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ XE2X	35 GI4OWA LU9DO UR5WA
		58 KC6NBI SV8CS WA2MUA	46 HB9RUZ	34 G4SEU JL3LSF LA2QM
		57 IK1ZOF	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
			44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE

31 K7TM	N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN US0YA W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU
30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ PY2DV PY2GM	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE JG1JPE PY2VA	
29 HL2WA OE4VIE		10 DL4CF HB9BOS JH8RZJ JI2UDK KA5WRG PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY G6MXL IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV
28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH			
27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM			
26 DS4AOW WB7QXU	16 N6VHF TI2CDA			
25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C			
24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY			
23 GM4ILS K4SLC KP4EIT W8MK		9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM		
22 9H1SP IZ3ENH OE3SGU		8 DK2LO G1VDP JA1CPU JE3PCP JJ2NWI N8RO OH8LXT	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	
21 EA1YN	13 K4AKX K4WY PY2MC W4PWF			
20 CX1FK I1FQH JM1KVV				

SV3FUO
YB2DX
YL2KF

1

3A2MW
9A2EY
AJ6T (EM66)
BD4UJ
CT1AHU
DH8BQA
DJ3ZF
DL2DCX
DL4ZAB
DL8GAM
DS5DNO
DS5TOS
EA3WD
EA4GQS
F1VEV
G4CFS
G4VSS
G7SQS
G8TTI
IK5BSC
IW0AFS
IZ0BTV
IZ2CSX
IZ3DBA
IZ5FSA
JA1GZK
JA7DPC
JA7VXB
JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW