

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 (02 Feb 2025). 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	W5AJ	483	472	458
AA0MZ	W5FF	AC0RA	A11K	KG5THG
AA5AM	W5KI	K0TPP	KB7ME	N9BCA
AA5C	W5OZI	K1USA	N7ZO	456
AA7A	W7GJ	W0VTT	WD8JJA	N4JQQ
A15I	W7JW	482	471	455
K0GU	W7KNT	AD6D	AF5CC	K4SO
K1TOL	W7MEM	KX4R	N5KO	453
K4PI	W9FF	481	469	K4YMQ
K4XO	W9JN	W9VHF	K7BG	452
K5RK	W9RM	480	N4TB	N5BO
K5UR	W9XX	K5GZR	467	W3UR
K5WE	WD5K	N7KA	AD1C	451
K7CW	WQ5S	WB0ULX	N5EKO	XE2K
K7ULS	WS9V	XE2CQ	WO7R	450
K8SIX	487	XE2OR	466	AJ4F
K9CT	K7MAC	479	KA0JGH	N9BX
KA9CFD	K7TM	KM0T	KB6NAN	449
KA9FOX	K9YY	W5WVO	ND4X	KF6HI
KD5M	N0AKC	WA7HQD	WX7M	W8TN
KG5CCI	N7CW	478	465	448
KM0A	N7IR	AE5B	WB9CIF	W5XC
KO9A	N7IR	N5WS	464	447
KR7O	N7NW	477	KB9OWD	K4HB
KV5W	N9ISN	K0BJ	463	KS7S
N0LL	NA6L	NC6K	VE3EK	N4SC
N0LWF	486	W9RN	462	W5EME
N0PB	K1TO	476	K6ZH	446
N0TB	KY7M	KC7QY	N6ORB	K6EID
N1AV	N0KE	KC7V	WE9R	N4QS
N3SL	WD5COV	474	461	NV4B
N3XX	485	N4WW	NA9RB	445
N5DG	K5ND	W6XK	459	KU7Z
N5OMG	K9MU	473	K4MY	N5NA
N6JV	N0POH	NQ7R		
N9LB	W3IP	WB0O		
N9UM	484			
ND0B	K0SIX			
W0FY	W5VY			
W0JW	W5ZN			
W0LGQ				
W3CP				
W4UDH				
W5ADD				
W5AFY				

N8OC	431 K0TLM N2QT	416 K4RWP K7ND	W3UUM	W7AH WE4S
444 KB8VAO N7BAV NI0G W4DR	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB KO4MA N5SYV W0GJ WB5JID	399 WA9DU	385 KF0M NK1K VE6MB W4WTA
443 AB4IQ K4XP N4MM N9PGG NE1B	429 WA5JCI	414 AH0U K7KQA	398 K7SMA N8IEZ W1NG W5JAY	384 AB4SF K1GG K8ROK
441 K8TB KD3CQ	428 K9APW KP4AJ N2NL N4QWZ N4TL	413 WA9LFO	397 K5RT	382 K5PI K6VHF VE3YXO
440 AG9S W2IRT W3LPL W5THT	427 N4LR W3LL WA1EAZ	411 K9MK N9EAT	396 KB8U	381 W3VZ
439 WB8ZBT	426 K4ZOT K8ZR N5OK XE2X	410 KE7SW KE8KMX KI8G N4HN	395 AA5XE K0AZ K5WBM KF7CQ	380 K7MCX NE6I NM5U WA5LFD
438 KB9DAK	425 K6ML	408 W7BA	393 K7XC NJ6D W4TV	379 KZZI N8WNA
437 NY0V WB7CJO	424 N4UFP N9AKR W3EP	407 W4AS W5CIA	392 AF4HX N4UFO VE4EAR W6OMF	378 AG4W WR7X
436 K1HTV K3SX K7PI W3TC WB8ART	423 AJ4A NA6MG	406 AK3E K6FG VE2XK 6M FN07PJNE9U	391 N1EVK W4AVY	376 AA5JF K8GI K8VVF N2WK
435 K9KLD KF6A	422 VE6WQ	405 AA4SC K5CKS	389 AE5FM K0IP W4WRL	375 K6QG WB4OQX
434 K1SIX	421 K8ROX WB8BPU	403 NH6T/W4	387 AA1ON K2TER KV4T N4CH	374 AB1OC KV7K N6GP N7DB
433 N9FN W9WO	420 KK4MA VE3LYC	402 K3FM	386 K8JH N7IJ NN4R W5TFW	373 K4SSO
432 K6GXO N6KK W5TRL	419 K7NN W0GN W5AL	401 K4CKS	385 K8JH N7IJ NN4R W5TFW	372 W5MO
		400 W0JRP W0RH		

371 WA6BYA	N3OC	K6FW KB0PE KG8P N9XG W1OW	N9DR WB5TOI	325 WA2AEY WB4KTF
370 K5TN KN4SM KS4YT N3MK NT0V	359 NI0P		333 KM4HI KN4NN N0IGZ N6KZ W3GQ	324 K9SH KU4A N2BJ N8HRZ VE3TMG
369 KF8UN N2DPF	358 K5RLA	343 AB4EJ K5EK N3RC	332 AA7UN N4JDB N7KDT VA3IKE W9GM	323 KI0E N8II W4MAY W8KEN
368 KB0V W5RCI W6GMT	357 K4LVV W5PR	341 KB1EFS KD7DCR NX7U WA7YAZ		
367 AA4ZZ KC4HW KR4BD NT9E W7YAAQ	356 NY1V	340 KE4TH N0AN	331 K8WDA KC0UDO N4MW VE7BV	322 VA6SZ
366 K17JA W7FI	355 N2ZX	339 KE4BKL VA7FC W5VAS	330 KB8MBC NK0S	321 NC7B NS4C W9VA
365 K4JJW KG7CW WB4EVH	354 K0DEQ	338 VE3SXE WA5KBH	329 AA1QD N2JJ W1DYJ W2OR W8WG W9DCT W9XA WX4G	320 K0VG N4DW
364 AB5EB JA7QVI N6QQ	353 AF2K K0CS K8EB	337 K8ZES NU6S W9EWZ WA5RT WW0E		319 N7US W4ER
363 W4NH	352 NZ3M W0KKK W1JR WA9PWP XE2ML	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3DS W09S	328 K6ME N5PT W2CNS	318 N3ALN W4HY
362 WA5OLT	351 AA4FL K5DTC	335 K5FUV K5FZ K9QVB KB4MRX W9GKA	327 K6EME KJ5RC N0YO W2JU	317 KA8SYV N3PS W1SKU WA7PDC WO2T
361 K7XB K8BL K9NR N7MB N8KOL NG4C	350 AB9BH N6VI N8YO	334 K0OOK K3TRM N4UFO (EM95)	326 K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC W7JLC WF7T	316 K3FN KA0ABA N1KDO W4UCK W9BWR
360 AA4FF K6UM (CN85)	349 KA0BAD			315 K5VH KG6AY NY2NY
	347 KT8O			
	346 W8LMG			
	345 W3XY XE2YWH			
	344 AC9DX			

314 KU4XO	K8TL N7LAN	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	WA0FQK WB0CQO	273 K2BLA KM4H KV1J WB0OQV
313 K0TC N6NR NF4A W4GLV W5RKN WA1NLG	302 KB2TGU W3TI	292 KJ6P W1SSN	282 AA0ZP K5TA N0GZ N8JCM W4WM	272 K0PG XE1AO
312 AF6O KA2GOJ WB3LHD	301 N0HJZ N2ZZ W7IB W9OBG WB0TVY	291 KS4S W1WHL	281 K4OY NL7CO W2YE	271 K7NII KB7FUV KM3V N9JR W3HHN
311 AC9S KM3T KS4XQ W2BZY W5DB	300 AA4V K0DD K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S	290 W3HDH WA8EFK	280 K2UU N0KV NM5Z	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B
310 AA8SW N1NK NJ7G W9KVR WO4DX	299 VE6WK W1LE W5SUM W8UV WB5GVY	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA KF9UG N3JPU W0VHF (EL87) WA4NVM XE1FAS	269 K1GJQ K2IE K3ZO KD5R N5EPA N5WD
309 AA4LR VE3XN	298 AG1A KD4WSC N4IQ	288 HC2FG K1NU N6AR W1DU W4HLR	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	268 K6OJ N9ZTS W0KAN
307 KE5K W3ATV W9RPM	297 DK8NE N8YQX N9LF	287 JE1BMJ N8CGY WA8ZID	277 AC7JM JR1LZK NS4T PV8DX	267 K8DP KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB
306 K6RO WV9L	296 K6YUI KC7RW	285 K5CZD K9UO N0LD WA4HFN	276 K2CS K5TWJ K7TAB KE8Y	
305 K6UM (CM88) KF2T KT1J WA9M	295 KE4P N7NT NA5Z W2HRO	284 AB0RX K0KP K4DET KX7L NJ2F (EL96) RETIRED	275 K1MAA K2NJ N4GG W0FK W8PI	
304 K6IPF W4FC WA0GUD	294 JG1TSG K6JSV	283 K1ST W8OP	274 KB1DMX	
303 EA8DBM K8TGC				

265 N5KS	N5DTT PY2XB WA2HFI/O	247 W1FKF W3TEF	WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
264 AC8L K4JAF N0TK NF1O	256 K3WA N8ZJN	246 JA1UAV K0DAS KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT KV7N	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
263 AK4PR K3VAT K4XR K9AAA W7CT WB7QBS	255 JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE	245 N1IA N3XF VA3CW	237 K3FRK K3KO K4QE	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
262 K3CWH KD8JSP KL7HBK N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KL0S MD0CCE N3FTI N9ATD W5AJX W9OO	227 K8ZT K9TF KS9A W4KXY W5LUA
261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM N8LRG W3SW W9TA	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX WQ6Q XE1YY
260 K6JAD N6HC W0PR	252 AB5A CT1EEB K1ACL NN4RR VE6NTT VE6SH	242 K3WW KA3TCC WA8MCD	234 KE6FCT	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT XE1L
259 AK0MR KD4ADC KG6I KN5O N1RR NS7K NY1E VE6BMX	251 AD5JK HC1BI K1NJ K3NK KG7NV NN4SS	241 N6NU W5LO		225 AC9O K9QJ KX9X (EN50) N2WSY N4SV VE3MSC W8AKS WN6W
258 K1BD K2HAT NA2NY WB7ECS	250 AA9LC NW6R	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AE4WG A19L K5FO N9NJY VE6TA (DO33) W0PPA	224 JA8ISU JM1SZY K9MQ WA4YA
257 K0CCM K2KA K5QE KD4MYE	249 CT1IUA K8AO KQ5U N1GC	239 F4BKV KF4LVF W6RW W9YOY/M	231 K4MIJ K6HEW KF6GYM VA2CY W9XT	223 K7UA NI3K

NJ7A	214 KB9PJL PV8AZ VE3SYK WA7AJ	K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	WB0YEA	N9AMW WA2BKN WA5CAM WD4JHD
222 K0YY K2TV K3AJ KA1LMR KD4K W8GJ WA2BOT	213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID	198 AC8TO N0UK N7EPD NX0I WA7KYM	190 K2WJ K5DB K5ER KC2DLD N5SMQ N9UA W1ATV W2OO
221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI	212 AB5C JF8QNF KF7NN N2OA N5PA	204 IT9IPQ	197 K3EGE N4BAF W3TW W5CTV W9TD	189 KC0MEA W3SZ WA5VKS
220 K7BTW N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER	203 K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W9GFB W9VOB	196 JR2HCB K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M
219 K2RKJ KE5RV W5JMW W6DPD W7ZSL WB2WIH (FN20)	210 JR3REX K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	187 K3EA KD3HN KQ0J N1SV
218 K1XH K4IJQ K8YC KB8KVJ	209 AA4IB W5WGF WA4NFO XE2N	201 AA7WB KC5FP KO9V KR0I NN0K WA1MKE WA9ASZ	194 K2MRK N3FA N9NFT WF1H WK8A	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE
217 KB1HY ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	200 4A2MAX N5AO N9AG VA3VU W1AW	193 K7PT K9AB	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT
216 K7RB N0IS NE1F W5RWF	207 K3HPA N1BCL N8NJA	199 K4GHS N3KfV NJ8J W4OEP	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	184 AF5Q K0DEW KR4M
215 AL7OC K2SX KI5FJ N2YU N6KW NA5C	206 AB0CT AK4Y CT3MD		191 K0ITC K9CS KK6OH	

N1IBM	N1ZUK	KC5GSK	KF9US	N7AU
N4BG	NQ2O	KC5YCH	W4CSW	N9OBE
183	VE3NRT	KI4TZ	WK7G	NY4I
K5RQ	W0ZY	NS3L	163	TG9ANF
N0FJP	W1MAD	W1PX	K2JF	VA3NQ
N0UBL	WY7FD	WA2KBZ	K2YSY	WV8DX
W2UDT	177	170	N5XZ	154
182	AG4ZE	K9TVG	162	AE4NT
4O3A	K2QQ	N4GBK	AF4GK	KB9VMW
AJ6T	KI4BWW	N8CN	K0QB	W3ZQN
DF3CB	SM7FJE	NA2U	KA1R	153
FP/KV1J	W5ZG	W4IHI	KD4TDI	AA4NC
K5GMX	WA8UEG	W4JKC	W9JJB	AB4GG
K8WK	176	WK3V	W9VS	K7AD
KK0DX	AD5ZA	169	WA1Z	K7ZD
W2CCC	EA5BY	K6XC	161	KW0A
XE1CL	K0DI	KD5OMJ	K4EA	N1OFZ
181	KX9X	N2BEG	KB3CWQ	N2ADV
AB9FN	N5QGH	N5XES	N2YBB	N6DHZ
K4CMS	NP4BM	N7PHY	V44KAI	W3DQS
K5HDE	W5AFD	VE3HHT	VE3LC	W5FI
KB8YKR	WA5IPS	W8KNO	W4HOG	W9ILY
N3XJX	WW2R	168	160	WB5ZAM
N4DTF	175	KG5ZMQ	K5IQ	152
NY0A	PV8BR	W8WEJ	WA3DRC	AA6I
W4RBO	174	167	159	N1NUM
W9BS	K3MD	K4MQG	K4MZ	N2WM
WJ1B	K6WRL	KB1YNT	NS7B	NU1T
180	KC6ZWT	KE5EP	W1EME	UT7QF
K0OST	KG7P	LU4FW	W4TTO	W6IA
K4LYN	KU0A	N0NHW	WB8NUT	WO4G
KC1MMC	N1MGO	NO0T	158	151
N1RK	NA2NY (ex-NA1VT)	NA2NY (ex-NA1VT)TG9ADQ	K8CR	KO0Z
N6PEQ	NA6O	W1BAT	KI0D	W1ZT
N6VH	W3SO	166	N2CG	W2DXE
WA5RR	WA2PNI	JA1OVD	157	150
179	173	KC2GHT	K4FX	N9LAH
K1EP	K2ZZ	N5VU	KB8GC	VE3OAT
KU4WD	K5YPV	NC4RY	WA7NB	W7APM
N0LIE	KE4SCY	VA3WEB	156	149
N0MMA	172	WB4KXS	K2KJ	AB6CF
NH7RO	AB9KZ	165	N3RN	K4SAN
VA3DPB	K5ZED	K4DXT	N9KO	KK9H
W8LHP	KI4PKW	KD5HPT	VE7VDX	WB4VHF
WA4QMQ	KJ6HI	N1JFU	155	148
178	VE2PN	W0RIC	AE4M	AC0DQ
KA2AYR	W4ABC	164	K3TD	AG0A
KB0EO	171	K2SD	K6XN	G0OIL
KB1RZA	AA4PB	K5VWW	154	K0RU
KG5RJ	HP2AT	KD0UHN	153	K7IU
KK8MM			152	

KB2YSI	142	KQ4KX	XE2O	127
N0TM	N5RMS	N3XH		AA9RK
N5ZBI	NA2X		132	JA3LZS
W6VNIQ (CM88)	NC4VA	137	AB3CV	K3GYK
WB6RAB	W5SWV	N1SZ	IC8TEM	K7UV
	WS4V	N5JGK	K5VG	K8AC
147		SM7AED	KW4G	K8OS
AF6AV	141		N4PPH	KB3OZC
IZ1L BG	K4AR	136	NE1I	KB9TLV
K6PSP	K9ATX	I0WTD	VE3TM	KC0RQH
KC1BUF	KT8TD	K0XXX	WN6K	NO8D
VE3CX	N9FIV	K4SX		VE2JWH
W4YCC	W4FS	KC5LK	131	W1FLD
W5WOX	W4POT	KC9AXZ	K3NAT	WA6BIL
WA0VPJ	W6ZI	KJ5RM	KG9R	
WA3YGG	WB9WHQ	KV1E	N2CJ	126
	WR7AY	NO1R	PV8AJ	KJ7G
		OE6IMD		NOBDS
146	140	W2JCN	130	N7DGI
K2GW	AC5DK	W4AVV	AB0X	WB4HUC
K8YTO	CO2WF	W7UV	AK8CW	YL2AO
KB0YH	CT1BWU	XE2JS	JA6RJK	
KB5ZEA	JA1AFR		K0GUR	125
KC2TN	K1UO	135	K4JKB	AA7DK
KM5TY	K7SAM	CU3EQ	KC4NX	K3PU
N4HID	KC0MEZ	K4MWB	KE8RJU	KC5DRI
VA2RC	KC8TMU	K8ZIZ	NG9R	KD2NF
VE1VOX	KJ4KVC	LY3W	VE1DX	NT7C
W4HFZ	N1EN	N4DB	VE2TZT	W2AJM
	N3VOP	N8XE	W0PHX	W3UQH
145	NJ0U	W6BXQ	W2LES	W4DFU
KD7YZ	VE3KY	WB8BZK	W3FEY	WA6POZ
V31MD	W4TUN	WW2DX	WA2SEI	WB4OMM
VA3TTX	W6DQ	XE1H	WB4YDL	WE1P
WA4JA	WA4KXY		WW5W	
		134		124
144	139	AB1NS	129	K0DLW
K0TLG	IZ8FFA	AB4GE	8P6ET	K8VA
K5TDW	K1DT	BA4SI	JF4VZT	KB0HH (EM06)
K6JRA	KC7JPC	C6ABB	K0KD	KD5FTD
K8MN	KU0G	GM4UYE	K5QWO	KM1C
K8WU	N2ZA	HK3W	KC8KSK	KT5MR
N9DI	N3FX	KE5FXE	KF4NEF	N0SL
W5MPC	NA2AA	N3AIU (DN70)	KM5LY	N9AZZ
WO7GI	W2PD	N8GOU	KM5SC	PV8AAS
	W4OV	W4TKI	N9WBR	W0PE
143	WA5TKU	WA3WZR	NZ6N	W1TAM
K0KVR	WB2JIL			W7YM
K6JBH	WY0V	133	128	W9CDL
K9QFR		KA5ETS	KC7QAG	
KB8RJS	138	KC1RET	KJ6SDF	123
N8URE (FM19)	AC0XY	KE1VT	KN4DMN	AC7AF
NA1VT	AI6O	KM8V	W0WT	K9SM
W0HNM	KD7WPJ	N7T	W5ZO	KB0GT
W0UHL	KE0A	W0RT	W8FR	KB0STN
WB0MMC	KE3D	W4GE	WB2WEO	KG6DHQ
WM5H	KE8RO	WW7Q	WQ7F	VE3TG

W1HS	KF7PCL	VK9DX	110	KI9A
W3SE	KP3V	WA3BZT	K5KR	KK4LUM
W4PRZ	KT0P	WC7V	K7LD	N3TTT
W5EWF	KW7N		KD5J	N9OI
W7MHW	N4UPX	114	KI0F	NF0T
W8BI	W0QC	AC8HU	KP4JRS	US0KW
W8KHP	W4SW	K2RET	KQ4LA	W2ODH
WA8WV	W7QQ	K3RTU	KX5U	W2TTT
WB2RVX	WI4T	K9AAN	N5TIF	WB4PPW
	WM9M	KC4GCK	N5YM	
122	118	KG9Z	W7JET	106
K7AED	J68AS	NF8M	W7UP	EA4DEI
K7OGW	K4AZV	VE1WOW		K0MEI
KA9JAC	KA4LBD	VE3IRR	109	K5BJW
KB4UF	KF6MXK	W2JLK	AK6ZZ	K7BWH
KB5WFE	KI7BP	W4ALF	G4BWP	K7JE
KC5UGX	KT8X	W4UFO	IW1ARB	KB0TIJ
N5HYV	KW4BY	WO2C	K2DSW	KC7ICM
VE6PY	N1QDQ	WX4US	K2JGL	KE5JXC
VE7JAC	N3JNX		K2OO	KJ6MBW
WD0GTY	N5EIL	113	K5DNL	KK2DOG
	NZ1I	AB4PM	K9GY	N0RQ
121	TF3JB	AD5MD	KE6GLA	N1USB
AE1P	W2AC / WB2ABK	K3DQB	KJ6CA	N2IPH
K0MFI	W2AC/WB2ABK	KD4BPZ	KZ7N	N4CE
K4HBI	WB2KSK	KD6VCD	N8TMW	N5FPW
KB2WAL		KM5OL	N9TTX	N5YHF
KB5MH	117	N3JDQ	VE3AAQ	N8HM
KE4JFS	AB5J	N4YCI	W0YJT	N9XMU
NE0P/9	K4WS	N5YK	W1OP	VA3OKG
UR0MC	N4USG	W0BM	W4ZRZ	VE3AJY
W8DN	N5JEH*	W8MSP	W5MPC/1	WB6VYH
WB9TFH	N5LPT	W8VW	W7RJR	WQ9F
	NA7L	WD0ENC	WB6YIY	
120	NU6V		WB9W	105
EA1YO	W6WE	112		AC4Q
K2CYE	WA1TBV	K2MLS	108	K4SJA
K4CGY	XE2PXN	K3GD	CF3VRQ	K9MAL
KD0R		K5WTA	HB9BZA	KB3JGS
KD4MZM	116	KA7T	JA9IPF	KC0JYT
KD5BRF	IK7EOT	N5HMH	K5OPB	KC4KK
KE4SCY (FM06)	JR1BAS	W1TR	N3MWQ	KF4DGS
N3YPJ	K4RGN	W5DM	N5DD	KJ7TH
VE1JC	KI6QDH	W5DQ	VE3SUB	N4NQY
VE3XK	KU5B	W6OAT	VE7IG	N5SAN
W4LVH	N0VR	W7IV	VY2RU	N7YY
WA6RAY	NO0B	W9PN	W4AMP	NE9O
WB0WAO	W0DHB	WA8TWM	W4CRN	PU4JOE
WD4OHD		WX3P	W5AAJ	VE3VRQ
		XE1GK	W8EH	W8MIL
119	115		W9VNE	W9RVG
AE5AU	K9MMS	111	XE1R	WA4MYO
K0AWU	KE6TVM	N0SLT		
K1ZN	KF0QS	N8IK	107	104
K2SQS	KF9AF	PC3T	JA3EGE	AB9YC
K4MSG	KM5FA	W8GBH	K5UIC	AC5K
K7JIZ	N7VGO	WZ8P	KF7PG	AC5RN

AC9QR	KA3ZLS	KB9ZLB	W2VU	KA2BSK
IK4DRY	KB8CR	KC2HLI	W5JLC	KA7EII
K5PPP	KC6WFS	KC8CC	W6TJU	KC0YBM
KB9RNO	KC8DMN	KC9CMT	WA1LAD	KD5CKP
KC2TR	KD8NYO	KD3SW	WA5TRX	KF4KSN
KD9GKL	KE1AU	KE5CVM	WB5NHX	KM4NYI
KJ7OG	KJ4M	KF0Q	WB7VVD	KT5WB
KM6WXB	KR5V	KG5X	WK5X	N1SFE
KO4LZ	N1HOQ	KJ5OA	WW2R (EL09)	N1VMJ
N0STP	VE7ZD	N3TBB		N3UMA
N1LDY	W4RVZ	N4NIA	98	N4BH
N2FBQ	W5DPT	N5RZK	AC2RL	N5OTY
N3UPS	W5OV	N5XTR	AD8Y	N6MA
N7AGF	W7UT	N7EME	K0KC	N9APK
NJ1H	W9NFL	N8COP	K0UD	N9IO
VE2PIJ	WA8EQP	N8XS	K3IXD	N9KY
W1TE	WB5FDP	VP2MRM	K3QIA	NK7C
W1ZE		W2CH	K4OP	NU0Y
W4KVS	101	W4/KL7GLL	K5HOB	VA3FIN
W6ZQ	AE7V	W4OZK	KA1EKR	W3QT
W9MDB	K0RAR	W8BZY	KE4LGL	W4CWA
WB2VUO	K0SBV	W9DQ	KG4YOU	W4DAS
WB8BZK/VE3	K0WJ	WA5TLP	KG7E	W4ID
WG3K	K2NUD	WV9E	KJ2G	W7DN
	K5DWI		KK0CQ	WA6OSX
103	K5HX	99	KY0Q	WA9LEY
AA5CK	K7SYS	AB0SD	N0JJQ	WB8RVK
AB0YM	KB4KBS	AB3TM	N1JHJ	WB8ZTV
AB5SS	KC6AWX	K0YO	N3LRP	WB9PNU
K2OY	KC8CSD	K4KEW	N5TEY	WE8L
K4MVL	KG8WB	K4WQ	N8AID	
K6USY	KG9IL	K4ZO	NO5X	96
K8ZEE	KL2R	K5VPQ	NO8R	AD5OW
KA1W	KR4WM	K7DD	VA3VF	AE4TQ
KB0FHP	KR7LD	K7PAP	W2KRP	AK4F
KB2SGX	N1IX	K9ZZE	W6TE	K2CK
KC9FFV	N4AOE	KA0ZEE	WA2FGK	K2UF
KF0AIJ	N8VEA	KC2IEB	WA3TLT	K2UNK
KF4DVG	N9DVS	KC6X	WB1GQR	K4EQH
KR4NO	ON9CMR/W0	KD4MWO	WB2YDS	K5CRJ
N0YXE	VA2LGG	KD6RUH	WD0E	K8EMR
N1JIF	W4LLP	KR4UA	WH6LR	K9OT
VE7DXG	W5KBD	M5MYH	WT5H	KA2NDX
W0TF	W7ISG	N4FV	WV5Y	KA3HED
W3LEO	WB8IMY	N5OHL		KB5GI
W6IT	WD5IYT	N7HRT	97	KB8PNS
W6XU		N7JPF	AB8M	KC0HBP
	100	N7TE	AJ9C	KD6PY
102	AC0FT	N8GHZ	K0HB	KI5TE
AA9MY	AI2S	N8YV	K0JQZ	KM2O
AB8JH	AI9U	N9MKC	K0QE1	KM5NU
AD6KH	K2UA	NB5R	K0SH	KS4V
K0HAQ	K4UQC	NH6CJ	K0YQ	KT5RR
K3HW	K5GM	NI5W	K3HZO (FN20)	N0WVU
K5VR	K5KV	NS2P	K4GTR	N2LID
K9AM	K8IJ	VE2HAY	K4JQU	N2VHZ
K9OHI	K9CC	W2HOG	K8XF	N2XK

N8PAQ	XE2AT	93	KB0PQP	W2SUB
N8YBY			KC4JNW	W4MLN
NT2A	94	AG2A	KD4QMY	W5KDA
NW5Q	AA4RP	AG6CV	KE4WBO	WB0NRV
NY2Z	AB4VT	AI8F	KG4URP	WB7X
VE2DCP	AD1DX	K0IW	KR7X	WC4V
W1HMM	HK4SAN	K1PTF	N0RC	XE1GZU
W4KK	IK8YTA	K1ZK	N2SG	
W4TMR	K0ARM	K2AK	N3GH	90
W7JHS	K3BEE	K2MTS	N4VN	AA0LM
W8DM	K3TUF	K4DAM	N5QO	AB4WL
WA3EEC	K4JRK	K5TRI	N6FD	AB9DU
WB0M	K4LDC	K6RM	N6RPM	AF5BG
WB5KJE	K4NNX	K7IP	N7DED	DL1SMA
WP4LNY	K4YJ	K7TRK	NS6E	JH4JNG
	K8GT	KB0USF	UT5JAJ	K1HC
95	K9DOG	KC5TGT	W1PV	K1KA
AE0G	K9SUL	KC5TT	W2ACY	K3CWF
AE5EO	KA2F	KC9TTR	W2CVW	K3UAL
K1PNQ	KA9UVY	KC9UL	W3ACO	K4AAP
K4ED	KB7AK	KD0QG	W3HZU	K4FTP
K8KFJ	KC0AUY	KE6AZX	W4BP	K4XZ
K8ME	KC3AK	KE6UMW	W4LIA	K8EAB
K8VD	KD4VRZ	KE8RPJ	W6NS	KA5TJI
KD7WH	KE3WM	KI0J	W8JV	KB5FHK
KD8DR	KF0LA	N2BX	WA3JKB	KB7BSA
KD9ZR	KG4NLZ	N2YTF	WA4EEZ	KK4DZP
KF6XA	KU4JZ	N3AO	WM3O	KW3DX
KI0SK	N0LNE	N3ZBK		N2ULL
KW9U	N0LP	N4GOA	91	N4BRF
N1XK	N2SU	N4YHC	AA0CW	N5BA
N2SLO	N3JBH	N7EGY	AD3Y	N9JJ
N2WLS	N3XBG	N7JI	CO2WZ	N9MSG
N3WAV	N3YUG	N7KSI	K1UR	VA3XOV
N4ET	N5ZMP	NA9D	K4SPA	W9CPV
N5BLY	N6HY	VA7QI	K6YK	W9CSY
N5ENU	N6MXU	VE3WMD	K7HPN	W9HBH
N5KI	N7NH	W0MHK	K8OI	WA2BEV
N9IV	N7UN	W2VTV	KB2YWU	WA8OJR
N9LJX	N8WWM	W3ZGD	KB3IAI	WD9HCF
VA3KS	N9DD	W4GPM	KB3NDS	WE7H
VA3PZ	N9UNX	W5DMT	KB7AZ	WEST SEATTLE AMA
VE3KZ	VA3MA	W7EIR	KC5POV	WH6LE
VE3SPW	VE3RX	W7TRX	KC8LGL	WT4C
W3UA	VE5MX	W9IFW	KG4QWC	XE3/K5ENS
W4YZJ	VE7AB	W9NED	KI3O	
W5ADA	W2GR	W9WI	KI5BLU	89
W5CBF	W3IPA	WA5ICA	KM7N	AB1TZ
W5RCQ	W3TA	WB5CON	KM9I	AG2AA
W7JWC	W4LNG		KQ6K	AG7NR
W9SX	W5ODD	92	N3PPH	G4NBS
WA2ONK	W5PUF	K1EY	N3WCM	JQ1TIV
WA3I	WA7LHZ	K5GDX	N7CZ	K4BMM
WA4WR	WA9BXB	K5TDA	N8DEZ	K5CX
WB2SIH	WT9U	K7FU	NR4J	K5JAZ
WD8DOT	WV7S	K7HKR	NU4N	KA0MWA
WS4S		K7UWR	OE9KFV	KF4TVL

KI0G	W2BZR	K4LRP	PU8TEP	75
KI4FW	W3YX	KB3MXK	W5DAS	G4RGK
KI4US	W4DL	KC0V	W7YOZ	K3PP
KR4U	W4RXR	KE4DRF	W8GG	K8QM
N2GZ	W7HDD	KK4AND	WA2ONG	N5GH
N5KAE	WA2BTR	N2RJ	ZS6NK	NP3YL
N8YSZ	WA5MD	N4LS		W5UC
N9RG	WK3N	VE3GFN	81	WP4NEG
N9UDX	WV8O	VE7DAY	AB4I	ZL3AAU
NE2U	XE1SOV	W1WV	KE4DZU	
VE3VCF	87	W3STU	N6MM	74
W0HRO	AC0A	W4IT	N7NEV	AK8B
W1HY	AG4I	W4RA	NI4Y	CX4AAJ
W2JEK	K4JC	W6ST	W3MC	KF2TI
W2OK	K5UZ	W7SIR	WA4ZXV	LU4FPZ
W4ZMM	K6UIP	W8DQ	WA8ZNC	TI2CDA
W6VNO	KB1VUN	W9QY	XE1EE	VE6SO
W9HT	KC8NAH	WA4WKL	80	WC6DX
WA7SDI	KE6WOX	WD4LSS	AC6BW	73
WB3IAL	KI6RRD	WF4R	K7FR	G4FKA
WM6Y	N0ELA	84	KE4PT	JF1IRW
WQ5C	N2CJN	CT3FT	KR4Q	SV1RK
WR5AY	NA5DX	K4EZY	KW1DX	VP2MJD
XE2NL	NE5S	KE6NDG	N2NS	W4WT
XE3DX	NI5F	N1KI	UW5ZM	
88	NN7RM	N2NWS	VY2HF	72
AA4QE	W8GOC	VE2WBK	W5TTY	AB1QB
AE0DX	WB3IGR	W8PU	W6TCP	N4II
AE4OF	WB8JAY	W8SGR	W7AM	PV8ADI
AF4MI	WF4W	83	79	71
K1RS	XE1RBV	AA6E	K4RW	HB9EFK
K3TN	86	DL5XJ	KP4N	K0GW
K4XD	AG1T	K1LH	N2COP	K4GK
K7CTV	K7FB	K4SQC	N5YJZ	K5WPN
K7WV	KA9OKH	K6JJ	N9RC	NP4TT
K7ZYV	KB7JJG	K8SIA	VE3CFK	W2YR
K9JF	KI6HQT	KB3HHA	W2GW	W3FGP
KB2KIR	KN4MMH	KB9LIE	W2SKI	WC5M
KC1GWX	KP4TB	KK7BV	WN0L	70
KC3MLC	KT1R	KU4WW	78	GI4SJK
KE7RTB	N2NF	TG9AKH	K2QPN	K4BNC
KE8UM	N3MVF	W7USB	TG9AWS	KC0ZRX
KI2D	N8TFD	WD6T	W4NE	W2LV
KI4RFM	NZ3O	WD9IOK	77	W2QO
KJ4KW	VA3MDB	WI6Z	K1IFJ	W4GP
N1CEO	VA7LM	XE1MM	MI0AYR	69
N2MKT	W8IW	82	76	K3WGR
N2ZN	WA1PMA	AD4IE	K0WYN	WD4LBR
N4CAG	WA4USA	CB0ZA	KI4CYB	68
N4GN	WB4GCS	K4JMX	KI7WXP	AA4S
N4KIN	XE2AU	KA5WSS	N1GNB	EH7CD
N4UC	85	KC5YKX	N2MH/4	K6CF
N5VBK	EI3IO	KG4KVZ		
NS3X	K1UU	N1SF		
NT4TN				
VE2VLJ				

KW4OV	55 JL3MCM LA3MHA US5WE WA2EMF	40 E75AA JF1LMB JR0QFA WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V KJ4EU OE3SGU VE6TA (DO31) W0HBH
67 W7YED				
66 K6KLY KK4YEL	54 AG4KI	39 AA5PK YL2JZ	27 KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM
65 JA1XEC K5EJ N7UJJ OK1MP W4CCS	53 K0BBC PP1CZ	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU	
	51 CT1ETE N8OFS VE9FCP		25 EA4/K1WE	16 N6VHF
64 JG2TSL		37 BA7NQ JA9APS	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C
63 EA1DR KB0RFY	50 N6DW	36 JA1WSK JH9DRL OH4UI		
62 IZ8EDJ K4DXA SP5QWB	48 G8BQX JA9KRO K5XI KI5KC N6DBF N8MR NP3IR YY4DNN	35 GI4OWA HA5PT LU9DO	23 GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK	14 HB9FMN JA2XCR KB8DVT PV8RR PY2OC W9TTY
61 CU3AN N0GVK UX1UA	47 HB9RYZ HL2IFR JE1VTZ	34 G4SEU HB9ALO LA2QM UR5WA		
60 IZ4DPV KP4JFR S55DX UR9QQ VK4CZ	46 LU2DX	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	13 K4WY PY2MC W4PWF
	45 JA6WJL K4TXJ		21 EA1YN	
58 HB9BIN KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	32 N3LRH SM6WET	20 CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW PA7RA ZS6WB
57 HL2EIZ IK1ZOF N5LJL	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	30 E72X JL3LSF JO7WXN WA6DNR		
56 KI5WA LU8ADX NI6T	41 K0BBC/R N6PAZ	29 HL2WA OE4VIE SP5APW	19 EA6BB JI4WAO JR3UIC PY2HN SP8NR	11 A65BR DL1TS DL2OE EA4DAU

EA4ZK	EA1AAA	2	JJ1PFC
G4CTY	EA7ZY	5B4ALJ	JL2ULM
IZ4GWE	IK8GYS	7J1ADJ	JN3ONX
JA2KVB	JE1LFX	9A2GA	KC3KJQ
PY2DV	JI5USJ	9K2NO	KG4JSZ
PY2GM	JJ1IDW	BV6CC	KH6WI
SP5XMU	KB8VAO EN91KT	CO6CBF	KP4DER
	M1VFN	DF8FT	MM0INH
10	MU0GSY	DK1CO	OK1UU
DL4CF	OK1IN	EH4BPJ	ON6NA
HB9BOS	ON5UE	ES8JX	OZ1IKY
PA5KT	PP2RON	F5TMJ	PU5SVE
SV2DCD	SK6QA	G0THY	SM3GBA
TF3Y	VE2NGH	G4DDL	SM6LPG
UR7DWW	VR2XMT	G8GNI	SQ5NRY
	W1ZR	GI4ONL	UN8G
9	W2ZF	IK1IYU	UR5EDX
DL7BA	YL2CZ	IK2GOQ	VR2VGM
EB1EWE		IZ8XQC	WB7VUF
EC7ZK	4	JA6AVT	YO8WW
G6BFP	CT7/RC2A	JA6SZV	
JA1MZL	EK/RX3DPK	JA9FAI	
JA2FGL	F1DFR	JP1HDK	
KB4YKC	FIV3GOW	K7LY	
KD3UY	JG1JPE	KEN IN NEBRASKA	
	JH7IPR	LA2CQ	
8	JK6DXD	OH3KAV	
DK2LO	S51NM	SV1XV	
JA1CPU	UT5EL	SV3FUO	
JE3PCP	XE1SAX	YB2DX	
N8RO		YL2KF	
OH8LXT	3		
	DF1ZN	1	
7	DJ5AV	3A2MW	
G8APB	DL2KQ	9A2EY	
HB9GWJ	EA1AR	BD4UJ	
IZ0INX	EA4D	CT1AHU	
JA2NDQ	G3LHJ	DH8BQA	
JI2UDK	GM4CFS	DJ3ZF	
JJ2NWI	HA9PP	DL2DCX	
LA3DV	HL2ZN	DL4ZAB	
N5ORT	IK0WRB	EA3WD	
NJ4Y	IK3ITB	EA4GQS	
ZS4TX	IK8EPC	G4VSS	
	IW3GJF	G6MXL	
6	JH7IMX	G7SQS	
CT2FEY	JM1GHT	G8TTI	
DH0GSU	JN1BPM	IK5BSC	
DL1TRK	JR6IQI	IW0AFS	
DU0A	PY5IP	IZ0BTV	
EA8MT	SA7CJO	IZ2CSX	
EI2JC	SV1VN	IZ3DBA	
JA7NGE	W1CBY	IZ5FSA	
PY2VA	WD9EWK (DM43)	JA1GZK	
	YB1TJ	JA7DPC	
5	YL2CA	JA7VXB	
DL5LH	YL2MU	JH8XVT	