

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 (13 Jun 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	W0JW	WD5COV	478	465	N4QS
AA0MZ	W0LGQ	XE2CQ	AD1C	XE2K	W5THT
AA5AM	W3CP		AE5B		
AA5C	W4UDH	485		464	455
AA7A	W5ADD	K9MU	477	AJ4F	K9MK
A15I	W5AFY	N0POH	KC7V	KB9OWD	WA9DU
K0GU	W5AJ	W5VY	N5KO		
K1TOL	W5EME	W5ZN	N7ZO	463	453
K4PI	W5FF		NC6K	K4MY	K4YMQ
K4XO	W5KI	484	W6XK	W5XC	K7PI
K5RK	W5OZI	AD6D			KB9DAK
K5UR	W7GJ	AF5CC	474	462	
K5WE	W7JW	A11K	K7KQA	K6ZH	452
K7CW	W7KNT	K7BG		N6ORB	N5BO
K7ULS	W7MEM		473		N9BX
K8SIX	W9FF	483	N4TB	461	NE1B
K9CT	W9JN	AC0RA	NQ7R	N4JQQ	
KA9CFD	W9RM	K1USA	WB0O	NA9RB	451
KA9FOX	W9XX	W0VTT			K5WBM
KD5M	WD5K	W5TRL	472	460	KD3CQ
KG5CCI	WQ5S	WB0ULX	KB7ME	K4SO	
KM0A	WS9V		ND4X	K5OMC	450
KM0T		482	WD8JJA	KF0M	KF8MY
KO9A	487	K0BJ	WE9R		
KR7O	K0SIX	KX4R		459	449
KV5W	K1TO		470	N5NA	K3SX
N0LL	K7MAC	481	WO7R		KF6HI
N0LWF	K9YY	KC7QY		458	W8TN
N0PB	N0AKC	N5WS	468	K9NW	
N0TB	N7CW	W9VHF	N5EKO	KG5THG	448
N1AV	N7IR	WA7HQD	VE3EK	N9BCA	KP4AJ
N3SL	N9ISN			NA6MG	W3LPL
N3XX	NA6L	480	467		WB7CJO
N5DG	W3IP	K5GZR	NY0V	457	
N5OMG		N4WW		K4HB	447
N6JV	486	XE2OR	466	N9PGG	AH0U
N7NW	K0TPP		KA0JGH	NI0G	KS7S
N9LB	K5ND	479	KB6NAN	W3UR	N2NL
N9UM	KY7M	W5WVO	WB9CIF		N4SC
ND0B	N0KE	W9RN	WX7M	456	
W0FY	N7KA			AJ4A	

446 K1HTV K6EID	434 K1SIX K8ROX VE3LYC W3LL	W5AL	406 AK3E K6FG K8EB N4UFO	K6RO KT8O	381 AG4W W3VZ
445 K4XP K8ZM KU7Z N4LR N8OC WB8ZBT XE2X	433 W9WO	417 NJ6D WW1L	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N	380 K7MCX NE6I WA5LFD
444 N7BAV	431 K0TLM	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	392 AF4HX W6OMF	379 AB9BH N8WNA
443 AB4IQ K5XI N4MM	430 K1TEO	415 K7AWB NZ3M W0GJ	403 NH6T/W4	391 AB4SF AD5A W4AVY W6TMD	378 WR7X
442 AG9S N2QT N4TL	429 K4ZOT K8ZR WA5JCI	414 K0DEQ N0GZ W4TV	402 K3FM K7SMA	390 KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	428 K9APW	413 AE5FM WA9LFO	401 R4CKS	388 K0IP W4WRL	376 K8GI K8VFL N2WK N3OC
440 W2IRT	427 W0RH	412 VE2XK 6M FN07	400 W0JRP W3UUM	387 KV4T N4CH	375 K6QG WB4OQX
439 N4QWZ NM5U	426 N5OK W5JAY	411 AA1ON N9EAT	398 N8IEZ W1NG	386 N7IJ NN4R W5TFW W7AH WE4S	374 K0TT KV7K N6GP N7DB NY1V
438 N5TJ	425 K6ML	410 KB0V KE7SW KE8KMX KI8G N4HN	397 KE4TH	385 NK1K VE6MB W4WTA	373 K4SSO
437 K5RT KK4MA	424 N4UFP N9AKR W3EP WB8BPU	409 N1EVK N5SYV	396 K6VHF KB8U	384 K8ROK W7FI	372 JA7QVI
436 N9FN W3TC WB8ART	423 W4DR	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	383 K10E W5MO	371 AA4ZZ N3PS WA6BYA
435 KF6A	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	394 AA5JF K2TER	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT

N3MK	K6EME	344	K5FZ	328	318
NT0V	KG8P	K6FW	K9QVB	K6ME	W4HY
W4FC	NK0S	KB0PE	KB4MRX	N5PT	
369	357	N8LRG	KM3V	W2CNS	317
KF8UN	K4LVV	W1OW	KN4NN	WB3LHD	KA8SYV
N2DPF		343	W4ER		VE3XN
368	355	AB4EJ	W9GKA	327	W1SKU
K0DD	KD5XB	K5EK	WA7PDC	KJ5RC	W3HDH
W5RCI	N3AIU (DM45)	N3RC		N0YO	
W6GMT	353	N6KZ	334	W2JU	316
367	AF2K	341	K0OOK	W7YA	K3FN
KC4HW	K0CS	KD7DCR	K3TRM		KA0ABA
KR4BD	352	N8HRZ	N4UFO (EM95)	326	W4UCK
W7YAAQ	KF9UG	NX7U	N9DR	K2ZD	W9BWR
366	VE3DS	WA7YAZ	WB5TOI	K6LMN	
KI7JA	W0KKK	340	333	K6TDI	315
365	W1DYJ	N0AN	AA4LR	NG7M	K5VH
K4JJW	WA9PWP	339	K0TC	W7JLC	NY2NY
K7XB	XE2ML	KE4BKL	KM4HI	WF7T	XE1AO
KG7CW	351	VA7FC	N0IGZ	325	314
364	AA4FL	W5VAS	W3GQ	WA2AEY	KU4XO
AB5EB	K5DTC	WB0OQV	332	WX0Z	
K0RAR	350	338	AA7UN	324	313
N6QQ	N6VI	N9JR	N4JDB	HC2FG	JE1BMJ
363	N8YO	NA5Z	N7KDT	K9SH	N2ZZ
W4NH	349	VE3SXE	VA3IKE	KU4A	N6NR
362	KA0BAD	W9XA	VE1JBC	N2BJ	N7UVH
W1JR	W8LMG	WA5KBH	W9GM	VE3TMG	NF4A
WA5OLT	348	337	331	W4MAY	W4GLV
361	N1JFU	K8ZES	K1GJQ	323	W5RKN
AC9DX	NJ7G	NU6S	K8WDA	N8II	312
K8BL	347	W9EWZ	KC0UDO	W8KEN	AF6O
K9NR	W2HRO	WA5RT	N4MW	WO2T	KA2GOJ
N1KDO	346	WW0E	W3TI	322	311
N8KOL	N9XG	336	330	N3ALN	AC9S
NG4C	W8OP	FG8OJ	KB8MBC	VA6SZ	KM3T
360	345	K5KDX	KG6AY	321	KS4XQ
AA4FF	KB1EFS	K7BV	W8PI	N0LD	W2BZY
K6UM (CN85)	N0FJP	K9QVB/9	329	NC7B	W5DB
W0NOZ	VE7BV	VA2WA	AA1QD	NS4C	
358	W3XY	WO9S	AA8SW	W9VA	310
K5RLA	XE2YWH	335	N2JJ	320	K1ST
		AK0MR	W2OR	N4DW	N1NK
		K0VG	W8WG	319	W9KVR
		K5FUV	W9DCT	KF2T	WO4DX
			WB4KTF	N7US	
			WX4G		309
					AA9RR

308 WA4HFN	299 DK8NE VE6WK W1LE W8UV WB5GVY	W2CCC	K4OY NL7CO W2YE	KO4PRE N4SV	W7CT
307 AG1A KE5K W3ATV W9RPM		290 WA8EFK	280 AD7OV N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN W3SW	264 AC8L K4JAF N0TK NF1O
306 K4QE KE8Y WV9L	298 K0MLD KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS
305 K3VAT K6UM (CM88) KT1J WA9M	297 JG1TSG KG5EIU KK0DX N8YQX N9LF	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ
304 K6IPF NS4T WA0GUD	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM			261 AF2F K3TWK KB8UUZ N3EW W6TCP
303 EA8DBM K8TGC K8TL N7LAN	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO	277 AC7JM PV8DX	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	294 K2UU K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 HC1BI K2CS K5TWJ K7TAB W9OO	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
301 K5KEW N0HJZ W7IB W9OBG WA8ZID WB0TVY	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K7LOL N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK		
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC VE6TA (DO33) WB8EJN	258 AB5GU K1NJ K2HAT NA2NY WB7ECS
	291 K0CAO KS4S W1WHL	281 AA8MA JR1LZK	273 KM4H KV1J VE6SH	265 N5KS	
			272 KF8QL		

257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/0	249 CT1IUA K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	KK8MM N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL NI3K W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF N5PA VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
253 F4BKV KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
251 AD5JK K9QJ KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
250 AA9LC KL0S NW6R	241 N6NU W5LO	233 K1AFC N9NJS VE7VZ W3DF W8PAT W9TD XE1L		218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ

N6UK WQ9T	WA1KPD	W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	NZ1I W9JJ XE1CL	NY4I SM7FJE W5ZG WA8UEG
209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH N9ARX NP4BM W5AFD WA5IPS WW2R
208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KQ0J		
207 N1BCL N8NJA		193 K7PT K9AB KD2NF KF6XA	186 DJ5FI K8PT K9SG KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	175 PV8BR
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ K6ZZ LU4FW N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
205 AF4OD K8SD KE4HOA N5ITO W8QID	199 N3KfV W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG		173 K2ZZ K5YPV KE4SCY
204 KO0Z LU2DX WA3DRC	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM				172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KN4PPD N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT WC4H		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L
	196 K0AIZ K0NR KD3HN N5DUW		182 AJ6T CM87 FP/KV1J K5GMX K8WK	177 AG4ZE K2QQ KI4BWW N2ZA	

W1PX	W0RIC	KI0D	NU1T	N4HID	140
W6IA		N2CG	UT7QF	VA2RC	AC5DK
WA2KBZ	164		WO4G	VE1VOX	BA4SI
	K2SD	157			CO2WF
170	K5VWW	K4FX	151	145	K7SAM
K9TVG	KD0UHN	KB8GC	OE6IMD	KD7YZ	KC0MEZ
N4GBK	KF9US	KC2WUF	W1ZT	V31MD	KC8TMU
N8CN	W4CSW	WA7NB	W2DXE	VA3TTX	KJ4KVC
NA2U	WK7G			WA4JA	N1EN
W1MJC	WQ7F	156	150		N3VOP
W4IHI		IZ8FFA	KW4BY	144	NJ0U
W4JKC	163	K2KJ	N9LAH	K0TLG	VA3FLF
WK3V	K2JF	K9OHI	VE3OAT	K5TDW	VE3KY
	K2YSY	N3RN	W7APM	K6JRA	W4GPM
169	N5XZ	N9KO		K8MN	W4TUN
K6XC		VE7VDX	149	K8WU	W6DQ
KD5OMJ	162		AB6CF	N9DI	WA4KXY
N2BEG	AF4GK	155	K4SAN	W5MPC	
N5XES	K0QB	CT1BWU	KK9H	WO7GI	139
N7PHY	KA1R	K3TD	W3UA	YV4NN	KC7JPC
VE3HHT	KD4TDI	K6XN	WB4VHF		KU0G
W8KNO	N5SIX	N5RMS		143	N7T
	W9JJB	N7AU	148	K6JBH	NA2AA
168	W9VS	N9OBE	AC0DQ	K9QFR	W4OV
AE4M	WA1Z	TG9ANF	AG0A	KB8RJS	WB2JIL
KG5ZMQ	WB0WAO	VA3NQ	K0RU	N8URE (FM19)	WY0V
KS9J		WV8DX	K7IU	NA1VT	
W2PD	161		KB2YSI	W0HNM	138
W8WEJ	K0KVR	154	N0TM	W0UHL	AC0XY
	K4EA	AE4NT	N1TOR	WB0MMC	A16O
167	KB3CWQ	KB9VMW	N5ZBI	WM5H	KD7WPJ
K4MQG	KK9M	KW4OV	PV8AJ		KE0A
KB1YNT	N2YBB	NZ6N	W6VNQ (CM88)	142	KE3D
KB9REV	V44KAI	W3ZQN	WB6RAB	NA2X	KE8RO
KE5EP	VE3LC			NC4VA	KQ4KX
N0NHW	W4HOG	153	147	W5SWV	N3XH
NO0T	WA1LAD	AA4NC	AF6AV	WA5TKU	
TG9ADQ		AB4GG	IZ1LBG	WS4V	137
W1BAT	160	K7AD	K6PSP		N1SZ
	AB1QB	K7ZD	KC1BUF	141	N5JGK
166	JA1AFR	N1OFZ	VE3CX	JA6RJK	SM7AED
I0WTD	K5IQ	N2ADV	W4YCC	K4AR	
JA1OVD		N2WM	W5WOX	K9ATX	136
KC2GHT	159	N6DHZ	WA0VPJ	KT8TD	K0XXX
N5VU	G0OIL	W3DQS	WA3YGQ	N9FIV	K4SX
NC4RY	K4MZ	W5FI		NV4B	K6US
VA3WEB	NS7B	W9ILY		W4FS	KC5LK
WB4KXS	W1EME	WB5ZAM	146	W4POT	KC9AXZ
	W4TTO		K2GW	W6ZI	KJ5RM
165	WB8NUT	152	K8YTO	WB9WHQ	KV1E
K4DXT		AA6I	KB0YH	WL7OU	NO1R
KD5HPT	158	N0RC	KB5ZEA	WR7AY	W2JCN
N3FX	K8CR	N1NUM	KC2TN		W4AVV
			KM5TY		

W7UV	K3NAT	KB9TLV	W7MHW	KP3V	UW5ZM
XE2JS	KG9R	KC0RQH	W8BI	KT0P	VK9DX
	KT3X	N6UTC	W8KHP	KW7N	WA3BZT
135	N2CJ	VE2JWH	WA8WV	N4UPX	WC7V
CU3EQ	TF3JB	W1FLD	WB2RVX	W0QC	
K4MWB		WA6BIL		W4SW	114
K8ZIZ	130		122	W7QQ	AC8HU
LY3W	AB0X	126	K7AED	WI4T	K2RET
N4DB	JA3LZS	KJ7G	K7OGW	WM9M	K3RTU
N8XE	K0GUR	N0BDS	KA9JAC		KC4GCK
W6BXQ	K4JKB	N7DGI	KB4UF	118	KG9Z
WB8BZK	K8LG	WB4HUC	KB5WFE	J68AS	NF8M
WW2DX	KC4NX	YL2AO	KC5UGX	K4AZV	VE1WOW
XE1H	NG9R		N5HYV	KA4LBD	VE3IRR
	NO8D	125	VE6PY	KF6MXK	W2JLK
134	VE1DX	AA7DK	VE7JAC	KI7BP	W2ZQ
AB1NS	VE2TZT	K3PU	WD0GTY	KT8X	W4ALF
AB4GE	W0PHX	KC5DRI		N1QDQ	W4UFO
AD4TT	W2LES	W2AJM	121	N3JNX	WO2C
C6ABB	W3FEY	W3UQH	AE1P	N5EIL	WX4US
GM4UYE	WA2SEI	W4DFU	K0MFI	W2AC / WB2ABK	
KE5FXE	WB4YDL	WA6POZ	K4HBI	W2AC/WB2ABK 113	
KF6UFO	WW5W	WB4OMM	KB2WAL	WB2KSK	AB4PM
N3AIU (DN70)		WE1P	KB5MH		AD5MD
N8GOU	129		KE4JFS	117	HB9BZA
W4TKI	8P6ET	124	NE0P/9	AB5J	K3DQB
WA3WZR	JF4VZT	K0DLW	UR0MC	K4WS	KD4BPZ
	K0KD	KB0HH (EM06)	W8DN	N4USG	KD6VCD
133	K5QWO	KD5FTD	WB9TFH	N5JEH*	KM5OL
KA5ETS	KC8KSK	KM1C		N5LPT	N3JDQ
KC1RET	KF4NEF	KT5MR	120	NA7L	N4YCI
KE1VT	KM5LY	N0SL	EA1YO	NU6V	N5YK
KM8V	KM5SC	N9AZZ	K2CYE	W6WE	W0BM
W0RT	N9WBR	PV8AAS	K4AU	WA1TBV	W8MSP
W4GE		W0PE	K4CGY	XE2PXN	W8VW
WI5D	128	W1TAM	KD0R		WD0ENC
WW7Q	JR2LJO	W3KN	KD4MZM	116	
XE2O	KC7QAG	W6SCQ	KD5BRF	IK7EOT	112
	KJ6SDF	W7YM	KE4SCY (FM06)	K4RGN	EA4DEI
132	KN4DMN	W9CDL	N3YPJ	KI6QDH	K2MLS
AB3CV	N1SFE		VE1JC	KU5B	K3GD
IC8TEM	W0WT	123	VE3XK	N0VR	K5WTA
K5VG	W5ZO	AC7AF	WA6RAY	NO0B	KA7T
KW4G	W8FR	K9SM	WD4OHD	W0DHB	N5HMH
N4PPH	WB2WEO	KB0GT			W1TR
N7TP		KB0STN	119	115	W5DQ
N8IK	127	KG6DHQ	AE5AU	K9AAN	W6OAT
NE1I	AA9RK	VE3TG	K0AWU	K9MMS	W7IV
VE3TM	K3GYK	W1HS	K1ZN	KE6TVM	W9PN
WN6K	K7UV	W3DIY	K2SQS	KF0QS	WA8TWM
	K8AC	W3SE	K4MSG	KF9AF	WG3K
131	K8OS	W4PRZ	K7JIZ	KM5FA	WX3P
JR1BAS	KB3OZC	W5EWF	KF7PCL	N7VGO	XE1GK

111	W4CRN	N7YY	N1JIF	KR4WM	K4KEW
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4WQ
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4ZO
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ
WZ8P		W8MIL	W0TF	N8VEA	K7DD
	107	W9RVG	W3LEO	N9DVS	K7PAP
110	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K9ZZE
G4BWP	K5UIC		W6XU	VA2LGQ	KA0ZEE
K5KR	KF7PG	104	XE1RBV	W4LLP	KC2IEB
K7LD	KI9A	AB9YC		W5KBD	KC6X
KD5J	KK4LUM	AC5K	102	W7ISG	KD4MWO
KI0F	N3TTT	AC5RN	AA9MY	WB8IMY	KD6RUH
KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KG9AP
KQ4LA	NF0T	IK4DRY	AD6KH		KR4UA
KX5U	US0KW	K5PPP	HB9EFK	100	M5MYH
N5TIF	W2TTT	KB9RNO	K0HAQ	AC0FT	N4FV
N5YM	WB4PPW	KC1LXO	K3HW	A12S	N7HRT
W7JET		KC2TR	K9AM	A19U	N7JPF
W7UP	106	KD9GKL	KA3ZLS	K2UA	N7TE
	K0MEI	KJ7OG	KB8CR	K4UQC	N8GHZ
109	K5BJW	KM6WXB	KC6WFS	K5GM	N8YV
AK6ZZ	K7BWH	KO4LZ	KC8DMN	K5KV	N9MKC
IW1ARB	K7JE	N0STP	KD8NYO	K8IJ	NB5R
K2DSW	KB0TIJ	N1LDY	KE1AU	K9CC	NH6CJ
K2JGL	KC7ICM	N2FBQ	KJ4M	KB9ZLB	NI5W
K2OO	KE5JXC	N3UPS	KR5V	KC2HLI	NS2P
K5DNL	KJ6MBW	N7AGF	N1HOQ	KC8CC	VE2HAY
K9GY	KK2DOG	NJ1H	VE7ZD	KC9CMT	W2HOG
KE6GLA	N0RQ	VE2PIJ	W4RVZ	KD3SW	W2VU
KJ6CA	N1USB	W1TE	W5DPT	KE5CVM	W5JLC
KZ7N	N2IPH	W1ZE	W5OV	KF0Q	W6TJU
N8TMW	N4CE	W4KVS	W7UT	KG5X	WA5TRX
N9TTX	N5FPW	W6ZQ	W9NFL	KJ5OA	WB5NHX
VE3AAQ	N5YHF	W9EBK	WA4IOB	N3TBB	WB7VVD
W0YJT	N8HM	W9MDB	WA8EQP	N4NIA	WK5X
W1OP	N9XMU	WB2VUO	WB5FDP	N5RZK	WW2R (EL09)
W4ZRZ	VA3OKG	WB8BZK/VE3		N5XTR	
W5MPC/1	VE3AJY		101	N7EME	98
W7RJR	WB6VYH	103	AE7V	N8COP	AC2RL
WB6YIY	WQ9F	AA5CK	K0IN	N8XS	AD8Y
WB9W		AB0YM	K0SBV	VP2MRM	K0KC
	105	AB5SS	K0WJ	W2CH	K0UD
108	AC4Q	K2OY	K2NUD	W4/KL7GLL	K3IXD
CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK	K3QIA
JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY	K4OP
JP7EIP	K9MAL	KA1W	K7SYS	W9DQ	K5HOB
K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP	KA1EKR
K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E	KE4LGL
N3MWQ	KC4KK	KC9FFV	KC6AWX		KG4YOU
VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99	KG7E
VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD	KJ2G
VY2RU	N4NQY	KR4NO	KG9IL	AB3TM	KK0CQ
W4AMP	N5SAN	N0YXE	KL2R	K0YO	KY0Q

N0JJQ	W4ID	AE0G	K3BEE	A18F	K5GDX
N1JHJ	W7DN	AE5EO	K3TUF	K0IW	K5TDA
N3LRP	WA6OSX	IK8YTA	K4JRK	K1PTF	K7FU
N5TEY	WA9LEY	K1PNQ	K4LDC	K1ZK	K7HKR
N8AID	WB8RVK	K4ED	K4NNX	K2AK	K7UWR
NO5X	WB8ZTV	K8BB	K8GT	K2MTS	KB0PQP
NO8R	WE8L	K8KFJ	K9DOG	K4DAM	KC4JNW
VA3VF		K8ME	K9SUL	K5TRI	KD4QMY
VE4XTZ	96	K8VD	KA2F	K6RM	KE4WBO
W2KRP	AD5OW	KC5N	KA9UVY	K7IP	KG4URP
W6TE	AE4TQ	KD7WH	KB4YKC	K7TRK	KR7X
WA2FGK	AK4F	KD8DR	KB7AK	KB0USF	N2SG
WA3TLT	K2CK	KD9ZR	KC0AUY	KC5TGT	N3GH
WB1GQR	K2UF	KI0SK	KC3AK	KC5TT	N4VN
WB2YDS	K2UNK	KW9U	KD4VRZ	KC9TTR	N5QO
WD0E	K4EQH	N1XK	KE3WM	KC9UL	N6FD
WH6LR	K5CRJ	N2SLO	KF0LA	KD0QG	N6RPM
WT5H	K8EMR	N2WLS	KG4NLZ	KE6AZX	N7DED
WV5Y	K9OT	N3WAV	KU4JZ	KE6UMW	NS6E
	KA2NDX	N4ET	KV3W	KE8RPJ	UT5JAJ
97	KA3HED	N5BLY	N0LNE	KE9V	W1PV
AB8M	KB5GI	N5ENU	N0LP	KI0J	W2ACY
AJ9C	KB8PNS	N5KI	N2SU	KK7MNC	W2CVW
K0HB	KC0HBP	N9IV	N3JBH	N2BX	W3ACO
K0JQZ	KD6PY	N9LJX	N3XBG	N2YTF	W3GP
K0QEI	KI5TE	OE9KFV	N3YUG	N3AO	W3HZU
K0SH	KM2O	PY2KP	N5ZMP	N3ZBK	W4BP
K0YQ	KM5NU	VA3KS	N6HY	N4GOA	W4LIA
K3HZO (FN20)	KR4EE	VA3PZ	N6MXU	N4YHC	W6NS
K4GTR	KS4V	VE3KZ	N7NH	N7EGY	W8JV
K4JQU	KT5RR	VE3SPW	N7UN	N7JI	W9HBH
K8XF	N0WVU	W4YZJ	N8WWM	N7KSI	WA3JKB
KA2BSK	N2LID	W5ADA	N9DD	NA9D	WA4EEZ
KA7EII	N2VHZ	W5CBF	N9UNX	VA3JFF	WM3O
KC0YBM	N2XK	W5RCQ	VA3MA	VA7QI	
KD5CKP	N8PAQ	W7JWC	VE3RX	VE3WMD	91
KF4KSN	N8YBY	W9SX	VE5MX	VK5PJ	AA0CW
KM4NYI	NT2A	WA2ONK	VE7AB	W0MHK	AD3Y
KT5WB	NW5Q	WA3I	W2GR	W2VTV	CO2WZ
N1VMJ	NY2Z	WA4WR	W3IPA	W3ZGD	K1UR
N3UMA	VE2DCP	WB2SIH	W3TA	W4VG	K4SPA
N4BH	W1HMM	WD8DOT	W4LNG	W5DMT	K6YK
N6MA	W3VHF	WS4S	W5ODD	W5DWA	K7HPN
N9APK	W4KK	XE2AT	W5PUF	W7EIR	K8OI
N9IO	W4TMR		W7NX	W7TRX	KB2YWU
N9KY	W7JHS	94	WA7LHZ	W9IFW	KB3IAI
NK7C	WA3EEC	AA4RP	WA9BXB	W9NED	KB3NDS
NU0Y	WB0M	AB4VT	WT9U	W9WI	KB7AZ
NV3K	WB5KJE	AD1DX	WV7S	WA5ICA	KC5POV
VA3FIN	WP4LNY	AK8CW		WB5CON	KC8LGL
W3QT		HK4SAN	93		KE1IU
W4CWA	95	K0ARM	AG2A	92	KE7RTB
W4DAS	AB9AI	K0JDD	AG6CV	K1EY	KG4QWC

KI3O	WH6LE	KB2KIR	86	N2NWS	XE1EE
KI5BLU	WT4C	KC1GWX	AG1T	VE2WBK	
KM7N	XE3/K5ENS	KC3MLC	K7FB	W8PU	80
KM9I		KE8UM	KA9OKH	W8SGR	AC6BW
KQ6K	89	KI2D	KB7JJG	ZS6NK	G4FKA
N3PPH	AB1TZ	KI4RFM	KI6HQT		K7FR
N3WCM	AG2AA	KJ4KW	KN4MMH	83	KE4PT
N6DW	AG7NR	KU4S	KP4TB	AA6E	KR4Q
N7CZ	G4NBS	N0OK	KT1R	DL5XJ	KW1DX
N8DEZ	JQ1TIV	N1CEO	N2NF	K1LH	N2NS
NR4J	K4BMM	N2MKT	N3MVF	K4SQC	VY2HF
NU4N	K5CX	N2ZN	N8TFD	K6JJ	W5TTY
VA2BBW	K5JAZ	N4CAG	NZ3O	K8SIA	W7AM
W2SUB	KA0MWA	N4GN	SV1RK	KB3HHA	
W4MLN	KF4TVL	N4KIN	VA3MDB	KB9LIE	79
W5KDA	KI0G	N4UC	VA7LM	KK7BV	K4RW
WB0NRV	KI4FW	N5VBK	VE7IRU	KU4WW	K5JBT
WB7X	KI4US	NS3X	W8IW	N5PD	KB4DSL
WC4V	KR4U	NT4TN	WA1PMA	N6KTH	KP4N
XE1GZU	N2GZ	VE2VLJ	WB4GCS	SV2AEL	N2COP
	N5KAE	W2BZR	XE2AU	TG9AKH	N5YJZ
90	N8YSZ	W3YX		W7USB	N9RC
AA0LM	N9RG	W4DL	85	WD6T	VE3CFK
AB4WL	N9UDX	W4RXR	AC9GK	WD9IOK	W2GW
AB9DU	NE2U	W7HDD	EI3IO	WI6Z	W2SKI
AF5BG	VE3VCF	WA2BTR	K1UU	XE1MM	WN0L
DL1SMA	W0HRO	WA5MD	K4LRP		
JH4JNG	W1HY	WK3N	KB3MXK	82	78
K1HC	W2JEK	WV8O	KC0V	AD4IE	IZ8EDJ
K1KA	W2OK	XE1SOV	KE4DRF	CB0ZA	K2QPN
K3CWF	W4ZMM		KK4AND	K3RJK	SP5QWB
K3UAL	W6VNVQ	87	N2RJ	K4JMX	TG9AWS
K4AAP	W9HT	AC0A	N4LS	KA5WSS	W4NE
K4FTP	WA7SDI	AG4I	NJ1Q	KC5YKX	
K4XZ	WB3IAL	K4JC	VE3GFN	KG4KVZ	77
K8EAB	WM6Y	K5UZ	VE7DAY	N1SF	K1IFJ
KA5TJI	WQ5C	K5WO	W1WV	PU8TEP	MI0AYR
KB5FHK	WR5AY	K6UIP	W3STU	W5DAS	
KB7BSA	XE2NL	KB1VUN	W4IT	W5DM	76
KK4DZP	XE3DX	KC8NAH	W4RA	W7YOZ	K0WYN
KW3DX		KE6WOX	W6ST	W8GG	K6MAA
N2ULL	88	KI6RRD	W7SIR	WA2ONG	KI4CYB
N4BRF	AA4QE	N0ELA	W8DQ		KI7WXP
N5BA	AE0DX	N2CJN	W9QY	81	N1GNB
N9JJ	AE4OF	NA5DX	WA4WKL	AB4I	N2MH/4
VA3XOV	AF4MI	NE5S	WD4LSS	DF3CB	
W9CPV	K1RS	NI5F	WF4R	KE4DZU	75
W9CSY	K3TN	NN7RM		N6MM	G4RGK
WA2BEV	K4XD	W8GOC	84	N7NEV	K3PP
WA8OJR	K7CTV	WB3IGR	CT3FT	NI4Y	K6VHF/HR9
WD9HCF	K7WV	WB8JAY	K4EZY	W3MC	K8QM
WE7H	K7ZVY	WF4W	KE6NDG	WA4ZXV	N5GH
WEST SEATTLE	KA1ATEUR		N1KI	WA8ZNC	NP3YL

W4LVH W5UC WP4NEG ZL3AAU	KF4JHG W7YED	WD5GRW	K4ZIN	31 K7TM	21 EA1YN
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	42 W0PR	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR
73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	41 E75AA N6PAZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
72 N4II PV8ADI	64 K3BQ WD5GRW (EM150C)	54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM
70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	62 HB9ALO K4DXA N6ZDH	50 N8MR	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	16 N6VHF TI2CDA
69 K3WGR W1YM WD4LBR	61 CU3AN K4MLB N0GVK US5WE	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT
67 JG2TSL	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	34 G4SEU LA2QM	23 GM4ILS K4SLC KP4EIT WB8TGY (EN72)W8MK	
	57 IK1ZOF JL1UXH	44 HB9RUZ WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)W8MK	22 9H1SP IZ3ENH OE3SGU	
	67 JL3MCM N5LJL	43 8P6SH CT1EEN	32 DM2RM N3LRH SM6WET ZL3TE		

PA7RA	S51NM	DD6UAH	G8GNI	JN3ONX
PV8RR		EK/RX3DPK	GI4ONL	KC3KJQ
PY2OC	8	F1DFR	IK1IYU	KG4JSZ
W9TTY	DK2LO	GM4CFS	IK2GOQ	KH6WI
	G1VDP	GM4KHE	IZ8XQC	KP4DER
13	JA1CPU	IV3GOW	JA6AVT	MM0INH
K4WY	JE3PCP	JH7IMX	JA6SZV	OK1UU
PY2MC	JJ2NWI	JH7IPR	JA9FAI	ON6NA
W4PWF	N8RO	JK6DXD	JH3MHI	OZ1IKY
	OH8LXT	UT5EL	JP1HDK	PU5SVE
12		VK4ZP	K4KZM	SM3GBA
EA3GP	7	XE1SAX	K7LY	SM6LPG
F4ESV	DH0GSU		KEN IN NEBRASKA	SM7EXY
HB9DDZ	G8APB	3	LA2CQ	SQ5NRY
IK2RPE	IZ0INX	DF1ZN	OH3KAV	UN8G
JK1UNZ	JA2NDQ	DJ5AV	SV1XV	UR5EDX
JN1RQV	LA3DV	DL2KQ	SV3FUO	VR2VGM
N1IW	N5ORT	EA1AR	YB2DX	WB7VUF
ZS6WB	NJ4Y	EA4D	YL2KF	YO8WW
	UR5FEO	G3LHJ		
11	ZS4TX	HA9PP	1	
A65BR		HL2ZN	3A2MW	
DL2OE	6	IK0WRB	9A2EY	
EA4DAU	CT2FEY	IK8EPC	AJ6T (EM66)	
EA4ZK	DL1TRK	JI1CHH	BD4UJ	
G4CTY	DU0A	JM1GHT	CT1AHU	
IZ4GWE	EI2JC	JN1BPM	DH8BQA	
JA2KVB	JA7NGE	JR6IQI	DJ3ZF	
JA6QHQ	JG1JPE	KC0Y	DL2DCX	
PY2DV	PY2VA	PY5IP	DL4ZAB	
PY2GM		SA7CJO	DS5DNO	
	5	SV1VN	DS5TOS	
10	DL5LH	W1CBY	EA3WD	
DL4CF	EA1AAA	WD9EWK (DM43)	EA4GQS	
HB9BOS	EA7ZY	YB1TJ	F1VEV	
JH8RZJ	IK8GYS	YL2CA	G4CFS	
JI2UDK	JI5USJ	YL2MU	G4VSS	
PA5KT	JJ1IDW		G6MXL	
SV2DCD	KB8VAO	2	G7SQS	
TF3Y	M1VFN	5B4ALJ	G8TTI	
UR7DWW	MU0GSY	6K5XZE	IK5BSC	
	OK1IN	9A2GA	IW0AFS	
9	ON5UE	9K2NO	IZ0BTV	
DL7BA	PP2RON	BV6CC	IZ2CSX	
EB1EWE	SK6QA	CO6CBF	IZ3DBA	
EC7ZK	VE2NGH	DF3VG	IZ5FSA	
G6BFP	VR2XMT	DF8FT	JA1GZK	
HB9GWJ	W1ZR	DK1CO	JA7DPC	
IK3ITB	W2ZF	EH4BPJ	JA7VXB	
JA1MZL	YL2CZ	ES8JX	JH8XVT	
JA2FGL		F5TMJ	JI1HNC	
JE1LFX	4	G0THY	JJ1PFC	
KD3UY	CT7/RC2A	G4DDL	JL2ULM	