

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 (06 Jun 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	W0LGQ	K9MU	NC6K	465	450
AA0MZ	W3CP	N0POH	W9RN	WE9R	AJ4F
AA5AM	W4UDH	W3IP			N9BX
AA5C	W5ADD		476	464	
AA7A	W5AFY	484	KC7QY	KB9OWD	449
AI5I	W5AJ	N7KA	KC7V		KF6HI
K0GU	W5FF	W5VY		463	W8TN
K1TOL	W5KI	W5ZN	475	VE3EK	
K4PI	W5OZI		N4WW		448
K4XO	W7GJ	483	N5KO	462	W5XC
K5RK	W7JW	AC0RA		K6ZH	
K5UR	W7KNT	K1USA	474	N6ORB	447
K5WE	W7MEM	W0VTT	W6XK		K4HB
K7CW	W9FF	W5TRL		461	KS7S
K7ULS	W9JN	XE2CQ	473	NA9RB	N4SC
K8SIX	W9RM		NQ7R		
K9CT	W9XX	482	WB0O	459	446
KA9CFD	WD5K	AD6D		K4MY	K6EID
KA9FOX	WQ5S	K7BG	472		KB8VAO
KD5M	WS9V	KM0T	AI1K	458	N4QS
KG5CCI		KX4R	KB7ME	K9NW	NV4B
KM0A	487		N7ZO	KG5THG	
KO9A	K7MAC	481	WD8JJA	N9BCA	445
KR7O	K7TM	W9VHF			K7PI
KV5W	K9YY		470	456	KU7Z
N0LL	N0AKC	480	WO7R	N4JQQ	N5NA
N0LWF	N7CW	K5GZR			N8OC
N0PB	N7IR	WB0ULX	469	455	NY0V
N0TB	N9ISN	XE2OR	N4TB	K4SO	
N1AV	NA6L				444
N3SL		479	467	453	N7BAV
N3XX	486	N5WS	AD1C	K4YMQ	N9PGG
N5DG	K0SIX	W5WVO	N5EKO	W3UR	NI0G
N5OMG	K1TO	WA7HQD	W5EME		W4DR
N6JV	KY7M			452	
N7NW	N0KE	478	466	N5BO	443
N9LB	WD5COV	AE5B	KA0JGH		AB4IQ
N9UM		AF5CC	KB6NAN	451	K4XP
ND0B	485		ND4X	XE2K	N4MM
W0FY	K0TPP	477	WB9CIF		NE1B
W0JW	K5ND	K0BJ	WX7M		

442 KP4AJ	430 K1TEO KF8MY N5SYV N5TJ	416 K4RWP K7ND	402 K3FM	387 AA1ON K2TER KV4T N4CH	375 K6QG WB4OQX
441 K8TB KD3CQ WB7CJO	429 N4QWZ WA5JCI	415 K5OMC K7AWB KO4MA W0GJ WB5JID	401 K4CKS NJ6D		374 AB1OC KV7K N6GP N7DB
440 AG9S KB9DAK N4TL W2IRT W3LPL W5THT	428 K9APW N2NL	414 K0DEQ K7KQA	400 W0JRP W0RH W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	373 K4SSO
439 WA9DU WB8ZBT	427 AH0U N4LR NM5U XE2X	413 WA9LFO	398 K7SMA N8IEZ W1NG W5JAY	385 NK1K VE6MB W4WTA	372 W5MO
438 K1HTV K3SX N2QT	426 K4ZOT K8ZR N5OK	411 K9MK N9EAT	397 K5RT	384 AB4SF K1GG K8ROK	371 JA7QVI WA6BYA
436 N9FN W3TC WB8ART	425 K6ML	410 KE7SW KE8KMX KI8G N4HN	396 KB8U		370 K5TN KN4SM KS4YT N3MK NT0V NT9E
435 K9KLD KF6A	424 N4UFP N9AKR W3EP	408 W7BA	395 AA5XE K0AZ K5WBM KF7CQ	382 K5PI VE3YXO	369 KF8UN N2DPF
434 K1SIX KF0M	423 AJ4A	407 W4AS W5CIA	393 K7XC W4TV	381 W3VZ	368 KB0V W5RCI W6GMT
433 NA6MG W3LL W9WO	422 VE6WQ	406 AK3E K6FG VE2XK 6M FN07W	392 AF4HX K6VHF N4UFO W5OMF	380 K7MCX NE6I WA5LFD	367 AA4ZZ KC4HW KI0E KR4BD W7Yaq
432 K6GXO N6KK	421 K8ROX WB8BPU	405 AA4SC K3FRK K5CKS	391 N1EVK W4AVY	379 KZ2I N8WNA W6TMD	366 KI7JA
431 K0TLM K8ZM WA1EAZ	420 KK4MA VE3LYC	404 N2ZX VE4EAR	389 K8JH NE9U W5PR	378 AG4W WR7X	365 K4JJW KG7CW WB4EVH
	419 K7NN W0GN W5AL	403 NH6T/W4	388 AE5FM K0IP W4WRL		

364 AB5EB N6QQ	K5DTC	337 K0DD K8ZES NK0S NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY	322 VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
363 W4NH	350 N6VI N8YO		329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	
362 W1JR WA5OLT	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S		320 K0VG N4DW	310 AA8SW N1NK NJ7G W9KVR WO4DX
361 K7XB K8BL K9NR N7MB N8KOL NG4C	348 AD5A		328 K6ME N5PT W2CNS WB3LHD	319 N7US W4ER	309 AA4LR VE3XN
	347 KT8O	335 K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA	327 K6EME KJ5RC N0YO W2JU	318 N3ALN W4HY	307 KE5K NA5Z W3ATV W9RPM
360 AA4FF K6UM (CN85)	346 W8LMG			317 KA8SYV W1SKU WA7PDC WO2T	
	345 W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC W7JLC W8OP WF7T		306 K4QE K6RO N0LD WB0OQV WV9L XE1AO
359 NI0P	344 AC9DX K6FW KB0PE KG8P N9XG W1OW			316 K3FN KA0ABA N1KDO W4UCK W9BWR	
358 K5RLA		333 KM4HI KN4NN N0IGZ N6KZ W3GQ		315 K5VH NY2NY	305 K6UM (CM88) KF2T KT1J WA9M
357 K4LVV	343 AB4EJ K5EK N3RC		325 WA2AEY WB4KTF		
356 NY1V		332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG	314 KU4XO	304 K6IPF W4FC WA0GUD
355 AB9BH	341 KB1EFS KD7DCR NX7U WA7YAZ			313 K0TC N2ZZ N6NR NF4A W4GLV W5RKN WA1NLG	303 EA8DBM K8TGC K8TL N7LAN
353 AF2K K0CS K8EB	340 KE4TH N0AN	331 K8WDA KC0UDO N4MW VE7BV	323 N8II W4MAY W8KEN	312 AF6O KA2GOJ	302 KB2TGU N3KN W3TI
352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS				
351 AA4FL	338 VE3SXE WA5KBH				

301 AK0MR N0HJZ W7IB W9OBG WB0TVY	W2GKR W4VC WA2IIE	282 AA0ZP K5TA KE8Y N0GZ N8JCM W4WM	274 KB1DMX	K1WVX TG9AJR WB8EJN	K2HAT NA2NY WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	281 K4OY NL7CO W2YE	273 K2BLA KM4H KV1J	265 N5KS W7CT WA8MCD	257 K0CCM K2KA K5QE K5XI KD4MYE N5DTT PY2XB WA2HFI/0
299 VE6WK W1LE W5SUM W8UV WB5GVY	291 K1ST KS4S W1WHL W2CCC	280 K2UU N0KV NM5Z	272 K0PG	264 AC8L K4JAF N0TK NF1O	256 K3WA N8ZJN
298 AG1A KD4WSC N4IQ	290 JE1BMJ W3HDH WA8EFK	279 AA8MA KF9UG N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	271 K7NII KB7FUV KM3V N9JR W3HHN	263 AK4PR K3VAT K4XR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL N8LRG W0NOZ WA8KNE
297 DK8NE N8YQX N9LF	289 K1GJQ K4MM K9FA N5BCA NQ7G W4LTJ	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW
296 K6YUI KC7RW	287 K8DP N8CGY WA8ZID	277 AC7JM JR1LZK NS4T PV8DX	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM W3SW W9TA
295 JG1TSG KE4P N7NT W2HRO	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC W0PR XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT VE6SH
294 K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK W8PI	267 KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB	259 KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA	251 AD5JK HC1BI K1NJ KG7NV
293 K3AX K4KJZ KL7HBK N4JJ N4MI	283 WA0FQK WB0CQO		266 K1OA	258 K1BD	

NN4SS	KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX WQ6Q	W6DPD W7ZSL WB2WIH (FN20)	W2ZDP W5HNK W6AER
250 AA9LC NW6R	241 N6NU W5LO			218 K1XH K4IJQ K8YC KB8KVJ	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
249 CT1IUA K8AO KQ5U N1GC	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AI9L K5FO N0FJP N9NJY W0PPA	225 AC9O K9QJ KX9X (EN50) N2WSY N4SV W8AKS WN6W	217 KK0DX ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W1FKF W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ	216 K7RB N0IS NE1F W5RWF	208 AI2N CO8DM KD5HIO PV8ABC
246 JA1UAV K0DAS KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM AE4WG JP1LRT	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NI3K NJ7A	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW NA5C	207 K3HPA N1BCL N8NJA
245 N1IA N3XF VA3CW VE3MSC	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL PV8AZ VE3SYK WA7AJ	206 AB0CT AK4Y CT3MD K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J
244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY KL0S MD0CCE N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID
243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W XE1YY	227 K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF KF7NN N2OA	203 K0VSV K5HYT K5LOW
242 K3WW	234 KE6FCT		219 K2RKJ KE5RV	211 JR3REX K9FOH NE8S VE3SMA	

N0HF	196	W200	182	177	KC5YCH
N8SYF	K0AIZ	WB0DBS	4O3A	AG4ZE	KI4TZ
NR0Q	K0NR		AJ6T	K2QQ	NS3L
W1RM	N5DUW	189	DF3CB	KI4BWW	W1PX
W9GFB	W2AMR	KC0MEA	FP/KV1J	SM7FJE	WA2KBZ
W9VOB	XE2ED	W3SZ	K5GMX	W4HFZ	
	XE2W	WA5VKS	K8WK	W5ZG	170
202			XE1CL	WA8UEG	K9TVG
K1BZ	195	188			N4GBK
K5GJR	AA4W	AD7KI	181	176	N8CN
WC7X	JA7MSQ	KD4HLG	AB9FN	AD5ZA	NA2U
WF8Z	K6VDP	W4AZR	K4CMS	EA5BY	W4IHI
WQ5W	KC0VDY	WA7VHF	K5HDE	K0DI	W4JKC
	KG6WIK	WU9Q	KB8YKR	KX9X	WK3V
201		WX9M	N3XJX	N5QGH	
AA7WB	194		N4DTF	NP4BM	169
KC5FP	K2MRK	187	NY0A	W5AFD	K6XC
KO9V	N3FA	K3EA	W4RBO	WA5IPS	KD5OMJ
KR0I	N9NFT	KD3HN	W9BS	WW2R	N2BEG
NN0K	WF1H	KQ0J	WJ1B		N5XES
NR2C	WK8A			175	N7PHY
WA1MKE		186	180	K1DT	VE3HHT
WA9ASZ	193	DJ5FI	K0OST	PV8BR	W8KNO
	K7PT	K6ZZ	K4LYN		
200	K9AB	K8PT	KC1MMC	174	168
4A2MAX		K9SG	N1RK	K3MD	KG5ZMQ
K4YJ	192	KN4PPD	N6PEQ	K6WRL	W8WEJ
N5AO	N1LF	KN7K	N6VH	KC6ZWT	
N9AG	N2NB	N0XLR	WA5RR	KG7P	167
VA3VU	N3CAL	N6ZE		KU0A	K4MQG
W1AW	N3NR		179	N1MGO	KB1YNT
	N4LXB	185	K1EP	NA2NY (ex-NA1V)	K5EP
199	N4TV	AD6W	KU4WD	NA6O	LU4FW
K4GHS	W6MTR	KD5BQT	N0LIE	W3SO	N0NHW
N3KFV	W8FN	KU4UC	N0MMA	WA2PNI	NO0T
NJ8J		NA2R	NH7RO		TG9ADQ
W4OEP	191	PY5CC	VA3DPB	173	W1BAT
WB0YEA	K0ITC	W3OU	W8LHP	K2ZZ	
	K9CS	W5BPT	WA4QMQ	K5YPV	166
	KK6OH			KE4SCY	JA1OVD
198	N9AMW	184	178		KC2GHT
AC8TO	WA2BKN	AF5Q	KA2AYR	172	KO4PRE
JR2HCB	WA5CAM	K0DEW	KB0EO	AB9KZ	N5VU
N0UK	WD4JHD	KR4M	KB1RZA	K5ZED	NC4RY
N7EPD		N1IBM	KG5RJ	KI4PKW	VA3WEB
NX0I	190	N4BG	KK8MM	KJ6HI	WB4KXS
WA7KYM	K2WJ		N1ZUK	VE2PN	
	K5DB	183	NQ2O	W4ABC	165
197	K5ER	K5RQ	VE3NRT		K4DXT
K3EGE	KC2DLD	N0UBL	W0ZY	171	KD5HPT
N4BAF	N5SMQ	W2UDT	W1MAD	AA4PB	N1JFU
W3TW	N9UA		WY7FD	HP2AT	W0RIC
W5CTV	W1ATV			KC5GSK	

164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	WA7NB	150 N9LAH VE3OAT W7APM	K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	OE6IMD PV8AJ VE3KY W4TUN W6DQ WA4KXY	K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
163 K2JF K2YSY N5XZ	156 K2KJ N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	139 IZ8FFA KC7JPC KU0G N3FX NA2AA NZ6N W2PD W4OV WB2JIL WY0V	134 AB1NS AB4GE C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z	155 AE4M K3TD K6XN N7AU N9OBE NY4I TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88)	142 N2ZA N5RMS NA2X NC4VA W5SWV WA5TKU WS4V	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH W7YA	133 KA5ETS KC1RET KE1VT KM8V N7T W0RT W4GE WW7Q XE2O
161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	154 AE4NT KB9VMW KD2NF W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K
160 JA1AFR K5IQ WA3DRC	153 AA4NC AB4GG K7AD K7LOL K7ZD KW0A N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	140 AC5DK BA4SI CO2WF CT1BWU K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U	136 I0WTD K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 K3NAT KG9R N2CJ
159 K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N1NUM N2WM NU1T UT7QF W6IA WO4G	145 KD7YZ V31MD VA3TTX WA4JA	144 K0TLG	135 CU3EQ K4MWB	130 AB0X AK8CW JR1BAS K0GUR
158 K8CR KI0D N2CG	151 KO0Z W1ZT W2DXE				
157 K4FX KB8GC KC2WUF					

K4JKB	126	K7OGW	WI4T	114	WZ8P
KC4NX	KJ7G	KA9JAC	WM9M	AC8HU	
KE8RJU	N0BDS	KB4UF		K2RET	110
NG9R	N7DGI	KB5WFE	118	K3RTU	K5KR
VE1DX	WB4HUC	KC5UGX	J68AS	K9AAN	K7LD
VE2TZT	YL2AO	N5HYV	K4AZV	KC4GCK	KD5J
W0PHX		VE6PY	KA4LBD	KG9Z	KI0F
W2LES	125	VE7JAC	KF6MXK	NF8M	KP4JRS
W3FEY	AA7DK	WD0GTU	KI7BP	VE1WOW	KQ4LA
WA2SEI	K3PU		KT8X	VE3IRR	KX5U
WB4YDL	KC5DRI	121	KW4BY	W2JLK	N5TIF
WW5W	NT7C	AE1P	N1QDQ	W2ZQ	N5YM
	W2AJM	K0MFI	N3JNX	W4ALF	W7JET
129	W3UQH	K4HBI	N5EIL	W4UFO	W7UP
8P6ET	W4DFU	KB2WAL	NZ1I	WO2C	
JA3LZS	WA6POZ	KB5MH	TF3JB	WX4US	109
JF4VZT	WB4OMM	KE4JFS	W2AC / WB2ABK		AK6ZZ
K0KD	WE1P	NE0P/9	W2AC/WB2ABK	113	G4BWP
K5QWO		UR0MC	WB2KSK	AB4PM	IW1ARB
KC8KSK	124	W8DN		AD5MD	K2DSW
KF4NEF	K0DLW	WB9TFH	117	K3DQB	K2JGL
KM5LY	K8VA		AB5J	KD4BPZ	K2OO
KM5SC	KB0HH (EM06)	120	K4WS	KD6VCD	K5DNL
N9WBR	KD5FTD	EA1YO	N4USG	KM5OL	K9GY
	KM1C	K2CYE	N5JEH*	N3JDQ	KE6GLA
128	KT5MR	K4CGY	N5LPT	N4YCI	KJ6CA
KC7QAG	N0SL	KD0R	NA7L	N5YK	KZ7N
KJ6SDF	N9AZZ	KD4MZM	NU6V	W0BM	N8TMW
KN4DMN	PV8AAS	KD5BRF	W6WE	W8MSP	N9TTX
N1SFE	W0PE	KE4SCY (FM06)	WA1TBV	W8VW	VE3AAQ
W0WT	W1TAM	N3YPJ	XE2PXN	WD0ENC	W0YJT
W5ZO	W7YM	VE1JC			W1OP
W8FR	W9CDL	VE3XK	116	112	W4ZRZ
WB2WEO		W4LVH	IK7EOT	K2MLS	W5MPC/1
	123	WA6RAY	K4RGN	K3GD	W7RJR
127	AC7AF	WB0WAO	KI6QDH	K5WTA	WB6YIY
AA9RK	K9SM	WD4OHD	KU5B	KA7T	WB9W
JR2LJO	KB0GT		N0VR	N5HMH	
K3GYK	KB0STN	119	NO0B	W1TR	108
K7UV	KG6DHQ	AE5AU	W0DHB	W5DM	CF3VRQ
K8AC	VE3TG	K0AWU		W5DQ	HB9BZA
K8OS	W1HS	K1ZN	115	W6OAT	JA9IPF
KB3OZC	W3SE	K2SQS	K9MMS	W7IV	K5OPB
KB9TLV	W4PRZ	K4MSG	KE6TVM	W9PN	N3MWQ
KC0RQH	W5EWF	K7JIZ	KF0QS	WA8TWM	N5DD
N6PM	W7MHW	KF7PCL	KF9AF	WX3P	VE3SUB
N6UTC	W8BI	KP3V	KM5FA	XE1GK	VE7IG
NO8D	W8KHP	KT0P	N7VGO		VY2RU
VE2JWH	WA8WV	KW7N	VK9DX	111	W4AMP
W1FLD	WB2RVX	N4UPX	WA3BZT	N0SLT	W4CRN
WA6BIL		W0QC	WC7V	N8IK	W5AAJ
	122	W4SW		PC3T	W8EH
	K7AED	W7QQ		W8GBH	W9VNE

XE1R	PU4JOE	VE7DXG	ON9CMR/W0	K9ZZE	NO5X
107	VE3VRQ	W0TF	VA2LGQ	KA0ZEE	NO8R
JA3EGE	W8MIL	W3LEO	W4LLP	KC2IEB	VA3VF
K5UIC	W9RVG	W6IT	W5KBD	KC6X	W2KRP
KF7PG	WA4MYO	W6XU	W7ISG	KD4MWO	W6TE
KI9A	104	102	WB8IMY	KD6RUH	WA2FGK
KK4LUM	AB9YC	AA9MY	WD5IYT	KR4UA	WA3TLT
N3TTT	AC5K	AB8JH	100	M5MYH	WB1GQR
N9OI	AC5RN	AD6KH	AC0FT	N4FV	WB2YDS
NF0T	AC9QR	K0HAQ	AI2S	N5OHL	WD0E
US0KW	IK4DRY	K3HW	AI9U	N7HRT	WH6LR
W2ODH	K5PPP	K9AM	K2UA	N7JPF	WT5H
W2TTT	KB9RNO	K9OHI	K4UQC	N7TE	WV5Y
WB4PPW	KC2TR	KA3ZLS	K5GM	N8GHZ	97
	KD9GKL	KB8CR	K5KV	N8YV	AB8M
106	KJ7OG	KC6WFS	K8IJ	N9MKC	AJ9C
EA4DEI	KM6WXB	KC8DMN	K9CC	NB5R	K0HB
K0MEI	KO4LZ	KD8NYO	KB9ZLB	NH6CJ	K0JQZ
K5BJW	N0STP	KE1AU	KC2HLI	NI5W	K0QEI
K7BWH	N1LDY	KJ4M	KC8CC	NS2P	K0SH
K7JE	N2FBQ	KR5V	KC9CMT	VE2HAY	K0YQ
KB0TIJ	N3UPS	N1HOQ	KD3SW	W2HOG	K3HZO (FN20)
KC7ICM	N7AGF	VE7ZD	KE5CVM	W2VU	K4GTR
KE5JXC	NJ1H	W4RVZ	KF0Q	W5JLC	K4JQU
KJ6MBW	VE2PIJ	W5DPT	KG5X	W6TJU	K8XF
KK2DOG	W1TE	W5OV	KJ5OA	WA1LAD	KA2BSK
N0RQ	W1ZE	W7UT	N3TBB	WA5TRX	KA7EII
N1USB	W4KVS	W9NFL	N4NIA	WB5NHX	KC0YBM
N2IPH	W6ZQ	WA8EQP	N5RZK	WB7VVD	KD5CKP
N4CE	W9EBK	WB5FDP	N5XTR	WK5X	KF4KSN
N5FPW	W9MDB	101	N7EME	WW2R (EL09)	KM4NYI
N5YHF	WB2VUO	AE7V	N8COP	98	KT5WB
N8HM	WB8BZK/VE3	K0RAR	N8XS	AC2RL	N1VMJ
N9XMU	WG3K	K0SBV	VP2MRM	AD8Y	N3UMA
VA3OKG	103	K0WJ	W2CH	K0KC	N4BH
VE3AJY	AA5CK	K2NUD	W4/KL7GLL	K0UD	N5OTY
WB6VYH	AB0YM	K5DWI	W4OZK	K3IXD	N6MA
WQ9F	AB5SS	K5HX	W8BZY	K3QIA	N9APK
105	K2OY	K7SYS	W9DQ	K4OP	N9IO
AC4Q	K4MVL	KB4KBS	WA5TLP	K5HOB	N9KY
K4SJA	K6USY	KC6AWX	WV9E	KA1EKR	NK7C
K9MAL	K8ZEE	KC8CSD	99	KE4LGL	NU0Y
KB3JGS	KA1W	KG8WB	AB0SD	KG4YOU	VA3FIN
KC0JYT	KB0FHP	KG9IL	AB3TM	KG7E	W3QT
KC4KK	KB2SGX	KL2R	K0YO	KJ2G	W4CWA
KF4DGS	KC9FFV	KR4WM	K4KEW	KK0CQ	W4DAS
KJ7TH	KF0AIJ	KR7LD	K4WQ	KY0Q	W4ID
N4NQY	KF4DVG	N1IX	K4ZO	N0JJQ	W7DN
N5SAN	KR4NO	N4AOE	K5VPQ	N1JHJ	WA6OSX
N7YY	N0YXE	N8VEA	K7DD	N3LRP	WA9LEY
NE9O	N1JIF	N9DVS	K7PAP	N5TEY	WB8RVK
				N8AID	WB8ZTV

WB9PNU	K8VD	KB7AK	KC5TGT	N6RPM	XE1GZU
WE8L	KD7WH	KC0AUY	KC5TT	N7DED	
	KD8DR	KC3AK	KC9TTR	NS6E	90
96	KD9ZR	KD4VRZ	KC9UL	UT5JAJ	AA0LM
AD5OW	KF6XA	KE3WM	KD0QG	W1PV	AB4WL
AE4TQ	KI0SK	KF0LA	KE6AZX	W2ACY	AB9DU
AK4F	KW9U	KG4NLZ	KE6UMW	W2CVW	AF5BG
K2CK	N1XK	KU4JZ	KE8RPJ	W3ACO	DL1SMA
K2UF	N2SLO	KV3W	KI0J	W3HZU	JH4JNG
K2UNK	N2WLS	N0LNE	N2BX	W4BP	K1HC
K4EQH	N3WAV	N0LP	N2YTF	W4LIA	K1KA
K5CRJ	N4ET	N2SU	N3AO	W6NS	K3CWF
K8EMR	N5BLY	N3JBH	N3ZBK	W8JV	K3UAL
K9OT	N5ENU	N3XBG	N4GOA	WA3JKB	K4AAP
KA2NDX	N5KI	N3YUG	N4YHC	WA4EEZ	K4FTP
KA3HED	N9IV	N5ZMP	N7EGY	WM3O	K4XZ
KB5GI	N9LJX	N6HY	N7JI		K8EAB
KB8PNS	VA3KS	N6MXU	N7KSI	91	KA5TJI
KC0HBP	VA3PZ	N7NH	NA9D	AA0CW	KB5FHK
KD6PY	VE3KZ	N7UN	VA7QI	AD3Y	KB7BSA
KI5TE	VE3SPW	N8WWM	VE3WMD	CO2WZ	KK4DZP
KM2O	W3UA	N9DD	W0MHK	K1UR	KW3DX
KM5NU	W4YZJ	N9UNX	W2VTV	K4SPA	N2ULL
KS4V	W5ADA	VA3MA	W3ZGD	K6YK	N4BRF
KT5RR	W5CBF	VE3RX	W4GPM	K7HPN	N5BA
N0WVU	W5RCQ	VE5MX	W5DMT	K8OI	N9JJ
N2LID	W7JWC	VE7AB	W7EIR	KB2YWU	N9MSG
N2VHZ	W9SX	W2GR	W7TRX	KB3IAI	VA3XOV
N2XK	WA2ONK	W3IPA	W9IFW	KB3NDS	W9CPV
N8PAQ	WA3I	W3TA	W9NED	KB7AZ	W9CSY
N8YBY	WA4WR	W4LNG	W9WI	KC5POV	W9HBH
NT2A	WB2SIH	W5ODD	WA5ICA	KC8LGL	WA2BEV
NW5Q	WD8DOT	W5PUF	WB5CON	KE1IU	WA8OJR
NY2Z	WS4S	WA7LHZ		KG4QWC	WD9HCF
VE2DCP	XE2AT	WA9BXB	92	KI3O	WE7H
W1HMM		WT9U	K1EY	KI5BLU	WEST SEATTLE AMA
W4KK	94	WV7S	K5GDX	KM7N	WH6LE
W4TMR	AA4RP		K5TDA	KM9I	WT4C
W7JHS	AB4VT	93	K7FU	KQ6K	XE3/K5ENS
W8DM	AD1DX	AG2A	K7HKR	N3PPH	
WA3EEC	HK4SAN	AG6CV	K7UWR	N3WCM	89
WB0M	IK8YTA	A18F	KB0PQP	N7CZ	AB1TZ
WB5KJE	K0ARM	K0IW	KC4JNW	N8DEZ	AG2AA
WP4LNY	K3BEE	K1PTF	KD4QMY	NR4J	AG7NR
	K3TUF	K1ZK	KE4WBO	NU4N	G4NBS
95	K4JRK	K2AK	KG4URP	OE9KFV	JQ1TIV
AB9AI	K4LDC	K2MTS	KR7X	VA2BBW	K4BMM
AE0G	K4NNX	K4DAM	N0RC	W2SUB	K5CX
AE5EO	K8GT	K5TRI	N2SG	W4MLN	K5JAZ
K1PNQ	K9DOG	K6RM	N3GH	W5KDA	KA0MWA
K4ED	K9SUL	K7IP	N4VN	WB0NRV	KF4TVL
K8KFJ	KA2F	K7TRK	N5QO	WB7X	KI0G
K8ME	KA9UVY	KB0USF	N6FD	WC4V	KI4FW

KI4US	NS3X	WA1PMA	W7USB	W2GW	71
KR4U	NT4TN	WA4USA	WD6T	W2SKI	HB9EFK
KT3X	VE2VLJ	WB4GCS	WD9IOK	WN0L	K0GW
N2GZ	W2BZR	XE2AU	WI6Z		K4GK
N5KAE	W3YX		XE1MM	78	K5WPN
N8YSZ	W4DL	85		K2QPN	NP4TT
N9RG	W4RXR	EI3IO	82	TG9AWS	W2YR
N9UDX	W7HDD	K1UU	AD4IE	W4NE	W3FGP
NE2U	WA2BTR	K4LRP	CB0ZA		WC5M
VE3VCF	WA5MD	KB3MXK	K3RJK	77	
W0HRO	WK3N	KC0V	K4JMX	K1IFJ	70
W1HY	WV8O	KE4DRF	KA5WSS	MI0AYR	GI4SJQ
W2JEK	XE1SOV	KK4AND	KC5YKX		K4BNC
W2OK		N2RJ	KG4KVZ	76	KC0ZRX
W4ZMM	87	N4LS	N1SF	K0WYN	W2LV
W6VNQ	AC0A	NJ1Q	PU8TEP	KI4CYB	W2QO
W9HT	AG4I	VE3GFN	W5DAS	KI7WXP	W4GP
WA7SDI	K4JC	VE7DAY	W7YOZ	N1GNB	
WB3IAL	K5UZ	W1WV	W8GG	N2MH/4	69
WM6Y	K5WO	W3STU	WA2ONG		K3WGR
WQ5C	K6UIP	W4IT		75	WD4LBR
WR5AY	KB1VUN	W4RA		G4RGK	
XE2NL	KC8NAH	W6ST	81	K3PP	68
XE3DX	KE6WOX	W7SIR	AB4I	K8QM	AA4S
	KI6RRD	W8DQ	KE4DZU	N5GH	EH7CD
88	N0ELA	W9QY	N6MM	NP3YL	K6CF
AA4QE	N2CJN	WA4WKL	N7NEV	W5UC	KJ7TEA
AE0DX	NA5DX	WD4LSS	NI4Y	WP4NEG	KW4OV
AE4OF	NE5S	WF4R	W3MC	ZL3AAU	
AF4MI	NI5F		WA4ZXV		67
K1RS	NN7RM	84	WA8ZNC		W7YED
K3TN	W8GOC	CT3FT	XE1EE	74	
K4XD	WB3IGR	K4EZY		AK8B	66
K7CTV	WB8JAY	KE6NDG	80	CX4AAJ	K6KLY
K7WV	WF4W	N1KI	AC6BW	KF2TI	KK4YEL
K7ZYV	XE1RBV	N2NWS	K7FR	LU4FPZ	
K9JF		VE2WBK	KE4PT	TI2CDA	65
KB2KIR	86	W8PU	KR4Q	VE6SO	JA1XEC
KC1GWX	AG1T	W8SGR	KW1DX	VK4CZ	K5EJ
KC3MLC	K7FB	ZS6NK	N2NS	WC6DX	N7UJJ
KE7RTB	KA9OKH		UW5ZM		OK1MP
KE8UM	KB7JJG	83	VY2HF	73	W4CCS
KI2D	KI6HQT	AA6E	W5TTY	G4FKA	
KI4RFM	KN4MMH	DL5XJ	W6TCP	JF1IRW	64
KJ4KW	KP4TB	K1LH	W7AM	SV1RK	JG2TSL
N1CEO	KT1R	K4SQC		VP2MJD	K3BQ
N2MKT	N2NF	K6JJ	79	W4WT	WD5GRW (EM13QC)
N2ZN	N3MVF	K8SIA	K4RW		
N4CAG	N8TFD	KB3HHA	K5JBT	72	
N4GN	NZ3O	KB9LIE	KP4N	AB1QB	63
N4KIN	VA3MDB	KK7BV	N2COP	N4II	EA1DR
N4UC	VA7LM	KU4WW	N5YJZ	PV8ADI	KB0RFY
N5VBK	W8IW	TG9AKH	N9RC		
			VE3CFK		

62 HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	50 N6DW	DU1EV K8YSE VK5PJ	KC9ELU WP4NIX	18 AJ6V KJ4EU OE3SGU W0HBH	DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
61 CU3AN N0GVK UX1UA	49 N8MR	37 BA7NQ JA9APS	26 WB7QXU	17 G3LZQ PY2XAT W0JM	
60 IZ4DPV KP4JFR S55DX UR9QQ	48 G8BQX JA9KRO KI5KC N6DBF NP3IR YY4DNN	36 JA1WSK JH9DRL OH4UI	25 EA4/K1WE		
58 HB9BIN KC6NBI SV8CS WA2MUA	47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA HA5PT LU9DO	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	16 N6VHF	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW
57 IK1ZOF JL1UXH N5LJL WD5GRW	46 LU2DX	34 G4SEU HB9ALO LA2QM UR5WA	23 GM4ILS HB9G K4SLC KP4EIT W8MK	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C	9 DL7BA EB1EWE EC7ZK G6BFP IK3ITB JA1MZL JA2FGL JE1LFX KB4YKC KD3UY
56 KI5WA LU8ADX NI6T US5WE	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	14 HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP N8RO OH8LXT
55 JL3MCM LA3MHA WA2EMF	44 WO3T XE2YWH/1	32 N3LRH SM6WET ZL3TE	21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB HB9GWJ IZ0INX JA2NDQ JI2UDK JJ2NWI LA3DV N5ORT NJ4Y ZS4TX
54 AG4KI	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	30 E72X JL3LSF JO7WXN WA6DNR	20 CX1FK DM2RM HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW ZS6WB	6 CT2FEY
53 K0BBC PP1CZ	41 K0BBC/R N6PAZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)		
51 CT1ETE N8OFS VE9FCP	40 E75AA JF1LMB JR0QFA WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP			
	39 AA5PK YL2JZ	27 E70A			
	38 DD3KF				

DL1TRK	IW3GJF	CT1AHU
DU0A	JI1CHH	DH8BQA
EA8MT	JM1GHT	DJ3ZF
EI2JC	JN1BPM	DL2DCX
JA7NGE	JR6IQI	DL4ZAB
PY2VA	KC0Y	EA3WD
	PY5IP	EA4GQS
5	SA7CJO	G4VSS
DL5LH	SV1VN	G6MXL
EA1AAA	W1CBY	G7SQS
EA7ZY	WD9EWK (DM436)	G8TTI
IK8GYS	YB1TJ	IK5BSC
JI5USJ	YL2CA	IW0AFS
JJ1IDW	YL2MU	IZ0BTV
KB8VAO EN91KT		IZ2CSX
M1VPN	2	IZ3DBA
MU0GSY	5B4ALJ	IZ5FSA
OK1IN	6K5XZE	JA1GZK
ON5UE	7J1ADJ	JA7DPC
PP2RON	9A2GA	JA7VXB
SK6QA	9K2NO	JH8XVT
VE2NGH	BV6CC	JI1HNC
VR2XMT	CO6CBF	JJ1PFC
W1ZR	DF8FT	JL2ULM
W2ZF	DK1CO	JN3ONX
YL2CZ	EH4BPJ	KC3KJQ
	ES8JX	KG4JSZ
4	F5TMJ	KH6WI
CT7/RC2A	G0THY	KP4DER
EK/RX3DPK	G4DDL	MM0INH
F1DFR	G8GNI	OK1UU
IV3GOW	GI4ONL	ON6NA
JG1JPE	IK1IYU	OZ1IKY
JH7IMX	IK2GOQ	PU5SVE
JH7IPR	IZ8XQC	SM3GBA
JK6DXD	JA6AVT	SM6LPG
S51NM	JA6SZV	SP7EXY
UT5EL	JA9FAI	SQ5NRY
VK4ZP	JH3MHI	UN8G
XE1SAX	JP1HDK	UR5EDX
	K7LY	VR2VGM
3	KEN IN NEBRASKA	WB7VUF
DF1ZN	LA2CQ	YO8WW
DJ5AV	OH3KAV	
DL2KQ	SV1XV	
EA1AR	SV3FUO	
EA4D	YB2DX	
G3LHJ	YL2KF	
GM4CFS		
HA9PP	1	
HL2ZN	3A2MW	
IK0WRB	9A2EY	
IK8EPC	BD4UJ	