

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 (15 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		N4TB		
K9CT	W9XX	482	NQ7R	459	446
KA9CFD	WD5K	AD6D	WB0O	K4MY	K6EID
KA9FOX	WQ5S	K7BG			KB8VAO
KD5M	WS9V	KM0T	472	458	N4QS
KG5CCI		KX4R	AI1K	K9NW	NE1B
KM0A	487		KB7ME	KG5THG	NV4B
KO9A	K7MAC	481	N7ZO	N9BCA	
KR7O	K7TM	W9VHF	WD8JJA		445
KV5W	K9YY			456	K7PI
N0LL	N0AKC	480	470	N4JQQ	KU7Z
N0LWF	N7CW	K5GZR	WO7R		N5NA
N0PB	N7IR	WB0ULX		455	N8OC
N0TB	N9ISN	XE2OR	467	K4SO	NY0V
N1AV	NA6L		AD1C		
N3SL		479	N5EKO	453	444
N3XX	486	N5WS	W5EME	K4YMQ	N7BAV
N5DG	K0SIX	W5WVO		W3UR	N9PGG
N5OMG	K1TO	WA7HQD	466		NI0G
N6JV	KY7M		KA0JGH	452	W4DR
N7NW	N0KE	478	KB6NAN	N5BO	
N9LB	WD5COV	AE5B	ND4X		443
N9UM		AF5CC	WB9CIF	451	AB4IQ
ND0B	485		WX7M	XE2K	K4XP
W0FY	K0TPP	477			N4MM
W0JW	K5ND	K0BJ			

442 KP4AJ WB7CJO	430 K1TEO KF8MY N5SYV N5TJ	416 K4RWP K7ND KO4MA	402 K3FM	387 AA1ON K2TER KV4T N4CH	375 K6QG WB4OQX
441 K8TB KD3CQ	429 N4QWZ WA5JCI	415 K5OMC K7AWB W0GJ	401 K4CKS NJ6D	386 N7IJ NN4R W5TFW W7AH WE4S	374 AB1OC KV7K N6GP N7DB
440 AG9S KB9DAK N4TL W2IRT W3LPL W5THT	428 K9APW N2NL XE2X	414 K0DEQ K7KQA	400 W0JRP W0RH W3UUM		373 K4SSO
439 WA9DU WB8ZBT	427 AH0U N4LR NM5U	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 K6VHF KB8U	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V NT9E
435 K9KLD KF6A	424 N4UFP N9AKR W3EP	408 W7BA WW1L	395 AA5XE K0AZ K5WBM KF7CQ	381 W3VZ	369 KF8UN N2DPF
434 K1SIX KF0M	423 AJ4A	407 W4AS W5CIA	393 K7XC W4TV	380 K7MCX NE6I WA5LFD	368 KB0V W5RCI W6GMT
433 NA6MG W3LL W9WO	422 VE6WQ WB5JID	406 AK3E K6FG VE2XK 6M FN07W	392 AF4HX N4UFO W5OMF	379 KZ2I N8WNA W6TMD	367 AA4ZZ KC4HW KI0E KR4BD W7Yaq
432 K6GXO N6KK	421 K8ROX WB8BPU	405 AA4SC K3FRK K5CKS	391 N1EVK W4AVY	378 AG4W WR7X	366 KI7JA
431 K0TLM K8ZM WA1EAZ	420 KK4MA VE3LYC	404 N2ZX VE4EAR	389 K8JH NE9U W5PR	376 AA5JF K8GI K8VfV N2WK N3OC W7FI	365 K4JJW KG7CW WB4EVH
	419 K7NN W0GN W5AL	403 NH6T/W4	388 AE5FM K0IP W4WRL		

364 AB5EB N6QQ	350 N6VI N8YO	337 K0DD K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
363 W4NH	349 KA0BAD		329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	
362 W1JR WA5OLT	348 AD5A	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S		320 K0VG N4DW	310 AA8SW N1NK NJ7G W9KVR WO4DX
361 K7XB K8BL K9NR N7MB N8KOL NG4C NI0P	347 KT8O		328 K6ME N5PT W2CNS WB3LHD	319 N7US W4ER	309 AA4LR VE3XN
	346 W8LMG	335 K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA	327 K6EME KJ5RC N0YO W2JU	318 N3ALN W4HY	307 KE5K NA5Z W3ATV W9RPM
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE KG8P N9XG W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC W7JLC WF7T	317 KA8SYV W1SKU WA7PDC WO2T	306 K4QE K6RO N0LD WB0OQV WV9L XE1AO
358 K5RLA		333 KM4HI KN4NN N0IGZ N6KZ W3GQ		316 K3FN KA0ABA N1KDO W4UCK W9BWR	305 K6UM (CM88) KF2T KT1J WA9M
357 K4LVV	343 AB4EJ K5EK N3RC		325 WA2AEY WB4KTF	315 K5VH NY2NY	
356 NY1V		332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG	314 KU4XO	304 K6IPF W4FC WA0GUD
355 AB9BH	341 K5XI 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 NK0S VA7FC W5VAS				
351 AA4FL K5DTC	338 VE3SXE WA5KBH				

301 AK0MR KF9UG N0HJZ W7IB W9OBG WB0TVY	N4JJ N4MI W2GKR W4VC WA2IIE	283 WA0FQK WB0CQO	N4GG W0FK	W9DRB	258 K1BD K2HAT NA2NY VE3MSC WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	282 AA0ZP K5TA KE8Y N0GZ N8JCM W4WM	274 KB1DMX N8LRG	266 K1OA K1WVX TG9AJR WB8EJN	
299 VE6WK W1LE W5SUM W8UV WB5GVY	291 K1ST KS4S W1WHL W2CCC	281 K4OY NL7CO W2YE	273 K2BLA KM4H KV1J	265 N5KS W7CT WA8MCD	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0
298 AG1A KD4WSC N4IQ	290 JE1BMJ W3HDH WA8EFK	280 K2UU N0KV NM5Z	272 K0PG	264 AC8L K4JAF N0TK NF1O	256 K3WA N8ZJN W9TA XE1YY
297 DK8NE N8YQX N9LF	289 K1GJQ K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	271 K7NII KB7FUV KM3V N9JR W3HHN	263 AK4PR K3VAT K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE
296 K4XR K6YUI KC7RW	288 K1NU N6AR W1DU W4HLR	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
295 JG1TSG KE4P N7NT W2HRO	287 K8DP N8CGY WA8ZID	277 AC7JM JR1LZK NS4T PV8DX	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM
294 K6JSV	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC W0PR W3SW XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT VE6SH
293 K3AX K4KJZ KL7HBK	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ	267 KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP	259 KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA	251 AD5JK HC1BI

K1NJ KG7NV NN4SS	242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX WQ6Q	W6DPD W7ZSL WB2WIH (FN20)	VE3SMA W2ZDP W5HNC W6AER
250 AA9LC NW6R	241 N6NU W5LO			218 K1XH K4IJQ K8YC KB8KVJ NA5C	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 K3HPA KK0DX ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
248 K1ZZ W6VFA		231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ	216 K7RB N0IS NE1F W5RWF	208 AI2N CO8DM KD5HIO PV8ABC
247 W1FKF W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NI3K NJ7A	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	207 N1BCL N8NJA
246 JA1UAV K0DAS KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM AE4WG JP1LRT MD0CCE	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
245 N1IA N3XF VA3CW	237 K3KO		221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW		
244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY KL0S N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ		213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID
243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF KF7NN N2OA	203 K0VSV K5HYT K5LOW
	234 KE6FCT		219 K2RKJ KE5RV	211 JR3REX K9FOH NE8S	

N0HF N8SYF NR0Q W1RM W7YA W9GFB W9VOB	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	W2OO WB0DBS 189 KC0MEA W3SZ WA5VKS	182 4O3A AJ6T DF3CB FP/KV1J K5GMX K8WK XE1CL	177 AG4ZE K2QQ KI4BWW SM7FJE W4HFZ W5ZG WA8UEG	KC5YCH KI4TZ NS3L W1PX WA2KBZ 170 K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V
202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO WA3DRC
201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	194 K2MRK N3FA N9NFT WF1H WK8A	187 K3EA KD3HN KQ0J	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	175 K1DT PV8BR	168 KG5ZMQ W8WEJ
200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	186 DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VB) NA6O W3SO WA2PNI	167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT
199 K4GHS N3KFV NJ8J W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	178 KA2AYR KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	173 K2ZZ K5YPV KE4SCY	166 JA1OVD KC2GHT KO4PRE N5VU NC4RY VA3WEB WB4KXS
198 AC8TO JR2HCB N0UK N7EPD NX0I WA7KYM	190 K2WJ K5DB K5ER KC2DLD N5SMQ N9UA W1ATV	184 AF5Q K0DEW KR4M N1IBM N4BG		172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	165 K4DXT KD5HPT N1JFU W0RIC
197 K3EGE N4BAF W3TW W5CTV		183 K5RQ N0UBL W2UDT		171 AA4PB HP2AT 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	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 WB0WAO	155 AE4M K3TD K6XN N7AU N9OBE NY4I TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88) WB6RAB	142 N2ZA N5RMS NA2X NC4VA W5SWV WA5TKU WS4V	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	133 KA5ETS KC1RET KE1VT KM8V N7T W0RT W4GE WW7Q XE2O
161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7LOL K7ZD KW0A N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM	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 N8IK NE1I VE3TM WN6K
160 JA1AFR K5IQ	154 AE4NT KB9VMW KD2NF W3ZQN	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 K8ZIZ	130 AB0X AK8CW JR1BAS K0GUR

K4JKB	126	K7OGW	WM9M	K2RET	K7LD
KC4NX	KJ7G	KA9JAC		K3RTU	KD5J
KE8RJU	N0BDS	KB4UF	118	K9AAN	KI0F
NG9R	N7DGI	KB5WFE	J68AS	KC4GCK	KP4JRS
VE1DX	WB4HUC	KC5UGX	K4AZV	KG9Z	KQ4LA
VE2TZT	YL2AO	N5HYV	KA4LBD	NF8M	KX5U
W0PHX		VE6PY	KF6MXK	VE1WOW	N5TIF
W2LES	125	VE7JAC	KI7BP	VE3IRR	N5YM
W3FEY	AA7DK	WD0GTY	KT8X	W2JLK	W7JET
WA2SEI	K3PU		KW4BY	W2ZQ	W7UP
WB4YDL	KC5DRI	121	N1QDQ	W4ALF	
WW5W	NT7C	AE1P	N3JNX	W4UFO	109
	W2AJM	K0MFI	N5EIL	WO2C	AK6ZZ
129	W3UQH	K4HBI	NZ1I	WX4US	G4BWP
8P6ET	W4DFU	KB2WAL	TF3JB		IW1ARB
JA3LZS	WA6POZ	KB5MH	W2AC / WB2ABK	113	K2DSW
JF4VZT	WB4OMM	KE4JFS	W2AC/WB2ABK	AB4PM	K2JGL
K0CAO	WE1P	NE0P/9	WB2KSK	AD5MD	K2OO
K0KD		UR0MC		K3DQB	K5DNL
K5QWO	124	W8DN	117	KD4BPZ	K9GY
KC8KSK	K0DLW	WB9TFH	AB5J	KD6VCD	KE6GLA
KF4NEF	K8VA		K4WS	KM5OL	KJ6CA
KM5LY	KB0HH (EM06)	120	N4USG	N3JDQ	KZ7N
KM5SC	KD5FTD	EA1YO	N5JEH*	N4YCI	N8TMW
N9WBR	KM1C	K2CYE	N5LPT	N5YK	N9TTX
	KT5MR	K4CGY	NA7L	W0BM	VE3AAQ
128	N0SL	KD0R	NU6V	W8MSP	W0YJT
KC7QAG	N9AZZ	KD4MZM	W6WE	W8VW	W1OP
KJ6SDF	PV8AAS	KD5BRF	WA1TBV	WD0ENC	W4ZRZ
KN4DMN	W0PE	KE4SCY (FM06)	XE2PXN		W5MPC/1
N1SFE	W1TAM	N3YPJ		112	W7RJR
W0WT	W7YM	VE1JC	116	K2MLS	WB6YIY
W5ZO	W9CDL	VE3XK	IK7EOT	K3GD	WB9W
W8FR		WA6RAY	K4RGN	K5WTA	
WB2WEO	123	WD4OHD	KI6QDH	KA7T	108
	AC7AF		KU5B	N5HMH	CF3VRQ
127	K9SM	119	N0VR	W1TR	HB9BZA
AA9RK	KB0GT	AE5AU	NO0B	W5DQ	JA9IPF
JR2LJO	KB0STN	K0AWU	W0DHB	W6OAT	K5OPB
K3GYK	KG6DHQ	K1ZN		W7IV	N3MWQ
K7UV	VE3TG	K2SQS	115	W9PN	N5DD
K8AC	W1HS	K4MSG	K9MMS	WA8TWM	VE3SUB
K8OS	W3SE	K7JIZ	KE6TVM	WX3P	VE7IG
KB3OZC	W4PRZ	KF7PCL	KF0QS	XE1GK	VY2RU
KB9TLV	W5EWF	KP3V	KF9AF		W4AMP
KC0RQH	W7MHW	KT0P	KM5FA	111	W4CRN
N6PM	W8BI	KW7N	N7VGO	N0SLT	W5AAJ
N6UTC	W8KHP	N4UPX	VK9DX	PC3T	W8EH
NO8D	WA8WV	W0QC	WA3BZT	W8GBH	W9VNE
VE2JWH	WB2RVX	W4SW	WC7V	WZ8P	XE1R
W1FLD		W5DM			
WA6BIL	122	W7QQ	114	110	107
	K7AED	WI4T	AC8HU	K5KR	JA3EGE

K5UIC	WA4MYO	W6XU	W7ISG	KC6X	W2KRP
KF7PG			W9JJ	KD4MWO	W6TE
KI9A	104	102	WB8IMY	KD6RUH	WA2FGK
KK4LUM	AB9YC	AA9MY	WD5IYT	KR4UA	WA3TLT
N3TTT	AC5K	AB8JH		M5MYH	WB1GQR
N9OI	AC5RN	AD6KH	100	N4FV	WB2YDS
NF0T	AC9QR	K0HAQ	AC0FT	N5OHL	WD0E
US0KW	IK4DRY	K3HW	AI2S	N7HRT	WH6LR
W2ODH	K5PPP	K9AM	AI9U	N7JPF	WT5H
W2TTT	KB9RNO	K9OHI	K2UA	N7TE	WV5Y
WB4PPW	KC2TR	KA3ZLS	K4UQC	N8GHZ	
	KD9GKL	KB8CR	K5GM	N8YV	97
106	KJ7OG	KC6WFS	K5KV	N9MKC	AB8M
EA4DEI	KM6WXB	KC8DMN	K8IJ	NB5R	AJ9C
K0MEI	KO4LZ	KD8NYO	K9CC	NH6CJ	K0HB
K5BJW	N0STP	KE1AU	KB9ZLB	NI5W	K0JQZ
K7BWH	N1LDY	KJ4M	KC2HLI	NS2P	K0QEI
K7JE	N2FBQ	KR5V	KC8CC	VE2HAY	K0SH
KB0TIJ	N3UPS	N1HOQ	KC9CMT	W2HOG	K0YQ
KC7ICM	N7AGF	VE7ZD	KD3SW	W2VU	K3HZO (FN20)
KE5JXC	NJ1H	W4RVZ	KE5CVM	W5JLC	K4GTR
KJ6MBW	VE2PIJ	W5DPT	KF0Q	W6TJU	K4JQU
KK2DOG	W1TE	W5OV	KG5X	WA1LAD	K8XF
N0RQ	W1ZE	W7UT	KJ5OA	WA5TRX	KA2BSK
N1USB	W4KVS	W9NFL	N3TBB	WB5NHX	KA7EII
N2IPH	W6ZQ	WA8EQP	N4NIA	WB7VVD	KC0YBM
N4CE	W9EBK	WB5FDP	N5RZK	WK5X	KD5CKP
N5FPW	W9MDB		N5XTR	WW2R (EL09)	KF4KSN
N5YHF	WB2VUO	101	N7EME		KM4NYI
N8HM	WB8BZK/VE3	AE7V	N8COP	98	KT5WB
N9XMU	WG3K	K0RAR	N8XS	AC2RL	N1VMJ
VA3OKG		K0SBV	VP2MRM	AD8Y	N3UMA
VE3AJY	103	K0WJ	W2CH	K0KC	N4BH
WB6VYH	AA5CK	K2NUD	W4/KL7GLL	K0UD	N5OTY
WQ9F	AB0YM	K5DWI	W4OZK	K3IXD	N6MA
	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		KE4LGL	NU0Y
KB3JGS	KA1W	KG8WB	99	KG4YOU	VA3FIN
KC0JYT	KB0FHP	KG9IL	AB0SD	KG7E	W3QT
KC4KK	KB2SGX	KL2R	AB3TM	KJ2G	W4CWA
KF4DGS	KC9FFV	KR4WM	K0YO	KK0CQ	W4DAS
KJ7TH	KF0AIJ	KR7LD	K4KEW	KY0Q	W4ID
N4NQY	KF4DVG	N1IX	K4WQ	N0JJQ	W7DN
N5SAN	KR4NO	N4AOE	K4ZO	N1JHJ	WA6OSX
N7YY	N0YXE	N8VEA	K5VPQ	N3LRP	WA9LEY
NE9O	N1JIF	N9DVS	K7DD	N5TEY	WB8RVK
PU4JOE	VE7DXG	ON9CMR/WO	K7PAP	N8AID	WB8ZTV
VE3VRQ	W0TF	VA2LGQ	K9ZZE	NO5X	WB9PNU
W8MIL	W3LEO	W4LLP	KA0ZEE	NO8R	WE8L
W9RVG	W6IT	W5KBD	KC2IEB	VA3VF	

96	KD9ZR	KD4VRZ	KC9TTR	NS6E	90
AD5OW	KF6XA	KE3WM	KC9UL	UT5JAJ	AA0LM
AE4TQ	KI0SK	KF0LA	KD0QG	W1PV	AB4WL
AK4F	KW9U	KG4NLZ	KE6AZX	W2ACY	AB9DU
K2CK	N1XK	KU4JZ	KE6UMW	W2CVW	AF5BG
K2UF	N2SLO	KV3W	KE8RPJ	W3ACO	DL1SMA
K2UNK	N2WLS	N0LNE	KI0J	W3HZU	JH4JNG
K4EQH	N3WAV	N0LP	N2BX	W4BP	K1HC
K5CRJ	N4ET	N1TOR	N2YTF	W4LIA	K1KA
K8EMR	N5BLY	N2SU	N3AO	W6NS	K3CWF
K9OT	N5ENU	N3JBH	N3ZBK	W8JV	K3UAL
KA2NDX	N5KI	N3XBG	N4GOA	WA3JKB	K4AAP
KA3HED	N9IV	N3YUG	N4YHC	WA4EEZ	K4FTP
KB5GI	N9LJX	N5ZMP	N7EGY	WM3O	K4XZ
KB8PNS	VA3KS	N6HY	N7JI		K8EAB
KC0HBP	VA3PZ	N6MXU	N7KSI	91	KA5TJI
KD6PY	VE3KZ	N7NH	NA9D	AA0CW	KB5FHK
KI5TE	VE3SPW	N7UN	VA7QI	AD3Y	KB7BSA
KM2O	W3UA	N8WWM	VE3WMD	CO2WZ	KK4DZP
KM5NU	W4YZJ	N9DD	W0MHK	K1UR	KW3DX
KS4V	W5ADA	N9UNX	W2VTV	K4SPA	N2ULL
KT5RR	W5CBF	VA3MA	W3ZGD	K6YK	N4BRF
N0WVU	W5RCQ	VE3RX	W4GPM	K7HPN	N5BA
N2LID	W7JWC	VE5MX	W5DMT	K8OI	N9JJ
N2VHZ	W9SX	VE7AB	W7EIR	KB2YWU	N9MSG
N2XK	WA2ONK	W2GR	W7TRX	KB3IAI	VA3XOV
N8PAQ	WA3I	W3IPA	W9IFW	KB3NDS	W9CPV
N8YBY	WA4WR	W3TA	W9NED	KB7AZ	W9CSY
NT2A	WB2SIH	W4LNG	W9WI	KC5POV	W9HBH
NW5Q	WD8DOT	W5ODD	WA5ICA	KC8LGL	WA2BEV
NY2Z	WS4S	W5PUF	WB5CON	KE1IU	WA8OJR
VE2DCP	XE2AT	WA7LHZ		KG4QWC	WD9HCF
W1HMM		WA9BXB	92	KI3O	WE7H
W4KK	94	WT9U	K1EY	KI5BLU	WEST SEATTLE AMA
W4TMR	AA4RP	WV7S	K5GDX	KM7N	WH6LE
W7JHS	AB4VT		K5TDA	KM9I	WT4C
W8DM	AD1DX	93	K7FU	KQ6K	XE3/K5ENS
WA3EEC	HK4SAN	AG2A	K7HKR	N3PPH	
WB0M	IK8YTA	AG6CV	K7UWR	N3WCM	89
WB5KJE	K0ARM	AI8F	KB0PQP	N7CZ	AB1TZ
WP4LNY	K3BEE	K0IW	KC4JNW	N8DEZ	AG2AA
	K3TUF	K1PTF	KD4QMY	NR4J	AG7NR
95	K4JRK	K1ZK	KE4WBO	NU4N	G4NBS
AB9AI	K4LDC	K2AK	KG4URP	OE9KFV	JQ1TIV
AE0G	K4NNX	K2MTS	KR7X	VA2BBW	K4BMM
AE5EO	K8GT	K4DAM	N0RC	W2SUB	K5CX
K1PNQ	K9DOG	K5TRI	N2SG	W4MLN	K5JAZ
K4ED	K9SUL	K6RM	N3GH	W5KDA	KA0MWA
K8KFJ	KA2F	K7IP	N4VN	WB0NRV	KF4TVL
K8ME	KA9UVY	K7TRK	N5QO	WB7X	KI0G
K8VD	KB7AK	KB0USF	N6FD	WC4V	KI4FW
KD7WH	KC0AUY	KC5TGT	N6RPM	XE1GZU	KI4US
KD8DR	KC3AK	KC5TT	N7DED		KR4U

KT3X	VE2VLJ	WB4GCS	WD6T	W2SKI	71
N2GZ	W2BZR	XE2AU	WD9IOK	WN0L	HB9EFK
N5KAE	W3YX		WI6Z		K0GW
N8YSZ	W4DL	85	XE1MM	78	K4GK
N9RG	W4RXR	EI3IO		K2QPN	K5WPN
N9UDX	W7HDD	K1UU	82	TG9AWS	NP4TT
NE2U	WA2BTR	K4LRP	AD4IE	W4NE	W2YR
VE3VCF	WA5MD	KB3MXK	CB0ZA		W3FGP
W0HRO	WK3N	KC0V	K3RJK	77	WC5M
W1HY	WV8O	KE4DRF	K4JMX	K1IFJ	
W2JEK	XE1SOV	KK4AND	KA5WSS	MI0AYR	70
W2OK		N2RJ	KC5YKX		GI4SJQ
W4ZMM	87	N4LS	KG4KVZ	76	K4BNC
W6VNQ	AC0A	NJ1Q	N1SF	K0WYN	KC0ZR
W9HT	AG4I	VE3GFN	PU8TEP	K6MAA	W2LV
WA7SDI	K4JC	VE7DAY	W5DAS	KI4CYB	W2QO
WB3IAL	K5UZ	W1WV	W7YOZ	KI7WXP	W4GP
WM6Y	K5WO	W3STU	W8GG	N1GNB	
WQ5C	K6UIP	W4IT	WA2ONG	N2MH/4	69
WR5AY	KB1VUN	W4RA			K3WGR
XE2NL	KC8NAH	W6ST	81	75	WD4LBR
XE3DX	KE6WOX	W7SIR	AB4I	G4RGK	
	KI6RRD	W8DQ	KE4DZU	K3PP	68
88	N0ELA	W9QY	N6MM	K8QM	AA4S
AA4QE	N2CJN	WA4WKL	N7NEV	N5GH	EH7CD
AE0DX	NA5DX	WD4LSS	NI4Y	NP3YL	K6CF
AE4OF	NE5S	WF4R	W3MC	W4LVH	KJ7TEA
AF4MI	NI5F		WA4ZXV	W5UC	KW4OV
K1RS	NN7RM	84	WA8ZNC	WP4NEG	
K3TN	W8GOC	CT3FT	XE1EE	ZL3AAU	67
K4XD	WB3IGR	K4EZY			W7YED
K7CTV	WB8JAY	KE6NDG	80	74	
K7WV	WF4W	N1KI	AC6BW	AK8B	66
K7ZVY	XE1RBV	N2NWS	K7FR	CX4AAJ	K6KLY
K9JF		VE2WBK	KE4PT	KF2TI	KK4YEL
KB2KIR	86	W8PU	KR4Q	LU4FPZ	
KC1GWX	AG1T	W8SGR	KW1DX	TI2CDA	65
KC3MLC	K7FB	ZS6NK	N2NS	VE6SO	JA1XEC
KE7RTB	KA9OKH		UW5ZM	VK4CZ	K5EJ
KE8UM	KB7JJG	83	VY2HF	WC6DX	N7UJJ
KI2D	KI6HQT	AA6E	W5TTY		OK1MP
KI4RFM	KN4MMH	DL5XJ	W6TCP	73	W4CCS
KJ4KW	KP4TB	K1LH	W7AM	G4FKA	
N1CEO	KT1R	K4SQC		JF1IRW	64
N2MKT	N2NF	K6JJ	79	N6DW	JG2TSL
N2ZN	N3MVF	K8SIA	K4RW	SV1RK	K3BQ
N4CAG	N8TFD	KB3HHA	K5JBT	VP2MJD	WD5GRW (EM13QC)
N4GN	NZ3O	KB9LIE	KP4N	W4WT	
N4KIN	VA3MDB	KC1UYZ	N2COP		63
N4UC	VA7LM	KK7BV	N5YJZ	72	EA1DR
N5VBK	W8IW	KU4WW	N9RC	AB1QB	KB0RFY
NS3X	WA1PMA	TG9AKH	VE3CFK	N4II	
NT4TN	WA4USA	W7USB	W2GW	PV8ADI	

62 HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	VK5PJ	26 WB7QXU	W0HBH	IZ4GWE JA2KVB JA6QHJ PY2DV PY2GM SP5XMU
61 CU3AN N0GVK UX1UA	48 G8BQX JA9KRO KI5KC N6DBF NP3IR YY4DNN	37 BA7NQ JA9APS JH9DRL	25 EA4/K1WE	17 G3LZQ PY2XAT W0JM	
60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ HL2IFR JE1VTZ	36 JA1WSK OH4UI	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	16 N6VHF	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW
58 HB9BIN KC6NBI SV8CS WA2MUA	46 LU2DX	35 GI4OWA HA5PT LU9DO	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 KD3UY
57 IK1ZOF JL1UXH N5LJL WD5GRW	45 JA6WJL K4TXJ	34 G4SEU HB9ALO LA2QM UR5WA	22 9H1SP IZ3ENH	14 HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO JA1CPU JE3PCP N8RO OH8LXT
56 KI5WA LU8ADX NI6T US5WE	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	21 EA1YN	13 K4WY PY2MC W4PWF	7 DH0GSU G8APB HB9GWJ IZ0INX JA2NDQ JI2UDK JJ2NWI LA3DV N5ORT NJ4Y ZS4TX
55 JL3MCM LA3MHA WA2EMF	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	32 N3LRH SM6WET ZL3TE	20 CX1FK DM2RM HL4CJG I1FQH JM1KVV N1WC OE3SGU PY5EW W8LR YL3HA	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW ZS6WB	
54 AG4KI	41 K0BBC/R KB4YKC N6PAZ	30 E72X JL3LSF JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY	6 CT2FEY DL1TRK DU0A EA8MT EI2JC JA7NGE
53 K0BBC PP1CZ	40 E75AA JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	18 AJ6V KJ4EU		
51 CT1ETE N8OFS VE9FCP	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP			
	38 DD3KF DU1EV K8YSE	27 E70A KC9ELU WP4NIX			

PY2VA	JR6IQI	DL4ZAB
	KC0Y	EA3WD
5	PY5IP	EA4GQS
DL5LH	SA7CJO	G4VSS
EA1AAA	SV1VN	G6MXL
EA7ZY	W1CBY	G7SQS
IK8GYS	WD9EWK (DM43)	58TTI
J15USJ	YB1TJ	IK5BSC
JJ1IDW	YL2CA	IW0AFS
KB8VAO EN91K	TYL2MU	IZ0BTV
M1VPN		IZ2CSX
MU0GSY	2	IZ3DBA
OK1IN	5B4ALJ	IZ5FSA
ON5UE	6K5XZE	JA1GZK
PP2RON	7J1ADJ	JA7DPC
SK6QA	9A2GA	JA7VXB
VE2NGH	9K2NO	JH8XVT
VR2XMT	BV6CC	JI1HNC
W1ZR	CO6CBF	JJ1PFC
W2ZF	DF8FT	JL2ULM
YL2CZ	DK1CO	JN3ONX
	EH4BPJ	KC3KJQ
4	ES8JX	KG4JSZ
CT7/RC2A	F5TMJ	KH6WI
EK/RX3DPK	G0THY	KP4DER
F1DFR	G4DDL	MM0INH
IV3GOW	G8GNI	OK1UU
JG1JPE	GI4ONL	ON6NA
JH7IMX	IK1IYU	OZ1IKY
JH7IPR	IK2GOQ	PU5SVE
JK6DXD	IZ8XQC	SM3GBA
S51NM	JA6AVT	SM6LPG
UT5EL	JA6SZV	SP7EXY
VK4ZP	JA9FAI	SQ5NRY
XE1SAX	JH3MHI	UN8G
	JP1HDK	UR5EDX
3	K7LY	VR2VGM
DF1ZN	KEN IN NEBRASKA	WB7VUF
DJ5AV	LA2CQ	YO8WW
DL2KQ	OH3KAV	
EA1AR	SV1XV	
EA4D	SV3FUO	
G3LHJ	YB2DX	
GM4CFS	YL2KF	
GM4KHE		
HA9PP	1	
HL2ZN	3A2MW	
IK0WRB	9A2EY	
IK8EPC	BD4UJ	
IW3GJF	CT1AHU	
J11CHH	DH8BQA	
JM1GHT	DJ3ZF	
JN1BPM	DL2DCX	