

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 (08 Aug 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	485	KC7V	465	W5XC
AA0MZ	W3CP	K0TPP	NC6K	WE9R	
AA5AM	W4UDH	K5ND	W9RN		452
AA5C	W5ADD	K9MU		464	N5BO
AA7A	W5AFY	N0POH	476	KB9OWD	N9BX
AI5I	W5AJ		KC7QY		NE1B
K0GU	W5EME	484		463	
K1TOL	W5FF	K7BG	475	K4MY	451
K4PI	W5KI	KM0T	N4WW	VE3EK	K5WBM
K4XO	W5OZI	W5VY	N5KO		
K5RK	W7GJ	W5ZN		462	450
K5UR	W7JW		474	K6ZH	AJ4F
K5WE	W7KNT	483	W6XK	N6ORB	W5THT
K7CW	W7MEM	AC0RA		NY0V	
K7ULS	W9FF	K1USA	473		449
K8SIX	W9JN	W0VTT	N4TB	461	KF6HI
K9CT	W9RM	W5TRL	NQ7R	NA9RB	W8TN
KA9CFD	W9XX		WB0O		
KA9FOX	WD5K	482		460	448
KD5M	WQ5S	AD6D	472	K4SO	W3LPL
KG5CCI	WS9V	KX4R	AI1K		
KM0A			KB7ME	459	447
KO9A	487	481	N7ZO	N5NA	AH0U
KR7O	K0SIX	W9VHF	WD8JJA	XE2K	K4HB
KV5W	K1TO				KS7S
N0LL	K7MAC	480	471	458	N4SC
N0LWF	K7TM	K5GZR	ND4X	K9NW	
N0PB	K9YY	WA7HQD		KG5THG	446
N0TB	N0AKC	WB0ULX	470	N9BCA	K6EID
N1AV	N7CW	XE2OR	WO7R		N4QS
N3SL	N7IR			457	NV4B
N3XX	N9ISN	479	467	NI0G	WB7CJO
N5DG	NA6L	N5WS	AD1C	W3UR	
N5OMG	W3IP	W5WVO	N5EKO		445
N6JV				456	K4XP
N7NW	486	478	466	N4JQQ	K7PI
N9LB	KY7M	AE5B	KA0JGH	N9PGG	KU7Z
N9UM	N0KE	AF5CC	KB6NAN		N8OC
ND0B	N7KA		WB9CIF	453	
W0FY	WD5COV	477	WX7M	K4YMQ	444
W0JW	XE2CQ	K0BJ		KB9DAK	K3SX

N7BAV W4DR	432 K6GXO N6KK	W5AL	405 AA4SC K3FRK K5CKS	N1EVK W4AVY	378 WR7X
443 AB4IQ N4MM	431 K0TLM K8ZM	417 NJ6D		389 K8JH NE9U	377 NT9E
442 KP4AJ N2QT	430 K1TEO KF8MY N5TJ	416 K4RWP K7ND KO4MA	404 N2ZX VE4EAR	388 K0IP W4WRL	376 AA5JF K8GI K8VFF N2WK N3OC
441 K8TB KD3CQ	429 WA5JCI	415 K5OMC K7AWB W0GJ	403 NH6T/W4 W5PR	387 AA1ON KV4T N4CH	375 K6QG KI0E WB4OQX
440 AG9S N4TL W2IRT WA1EAZ	428 K5RT K9APW N2NL	414 K0DEQ K7KQA N0GZ WW1L	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S	374 AB1OC KV7K N6GP N7DB
439 WA9DU WB8ZBT XE2X	427 N4LR NM5U	413 AE5FM WA9LFO	400 W0JRP W0RH W3UUM	385 NK1K VE6MB W4WTA	373 K4SSO
438 K1HTV K9MK	426 K4ZOT K8ZR N5OK W5JAY	412 VE2XK 6M FN07N81EZ	398 K7SMA N81EZ W1NG	384 AB4SF K1GG K8ROK W7FI	372 NY1V W5MO
437 KK4MA	425 K6ML	411 N9EAT	396 K6VHF KB8U	382 K5PI VE3YXO	371 JA7QVI WA6BYA
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP	410 K5XI KE7SW KE8KMX KI8G N4HN	395 AA5XE K0AZ KF7CQ	381 AG4W W3VZ	370 K5TN KN4SM KS4YT N3MK NT0V
435 K9KLD KF6A	423 AJ4A WB8BPU	409 N5SYV	394 K2TER KT8O	380 K7MCX NE6I WA5LFD	369 KF8UN N2DPF
434 K1SIX K8ROX KF0M	422 VE6WQ WB5JID	408 W7BA	393 K7XC W4TV	379 KZ2I N8WNA W6TMD	368 K0DD KB0V W5RCI W6GMT
433 NA6MG W3LL W9WO	420 VE3LYC	407 W4AS W5CIA	392 AF4HX N4UFO W6OMF		
	419 K7NN W0GN	406 AK3E K6FG	391 AD5A		

367 AA4ZZ KC4HW KR4BD W7YAQ	353 AF2K K0CS K8EB	KE4TH N0AN	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN WA1NLG
366 KI7JA	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL N8LRG VA7FC W5VAS	331 K8WDA KC0UDO N4MW	323 N8II W8KEN WO2T	312 AF6O K1GJQ KA2GOJ
365 K4JJW K7XB KG7CW WB4EVH	351 AA4FL K5DTC	338 VE3SXE WA5KBH	330 KB8MBC KG6AY W8PI	322 AA8SW VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
364 AB5EB N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	328 K6ME N5PT W2CNS WB3LHD	320 K0VG N4DW	309 AA4LR
362 W1JR WA5OLT	346 W8LMG	335 AK0MR K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	327 KF9UG KJ5RC N0YO W2JU	319 N7US W4ER	307 KE5K NA5Z W3ATV W9RPM
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 N3ALN W4HY	306 K4QE K6RO N0LD WB0OQV WV9L XE1AO
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY WB4KTF	317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KF2T KT1J WA9M
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO			316 K3FN KA0ABA W4UCK W9BWR	
357 K4LVV	341 KD7DCR NX7U WA7YAZ			315 K5VH NY2NY	
355 AB9BH KD5XB	340 K0RAR			314 KU4XO VE3XN	

304 K6IPF W4FC WA0GUD	296 K4XR K6YUI KC7RW	KC7MRQ N8CGY	277 AC7JM JR1LZK NS4T PV8DX	N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C W0PR W3SW XE1YD
303 EA8DBM K1ST K8TGC K8TL N7LAN	295 JG1TSG KE4P N7NT	285 K5CZD K9UO WA4HFN	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	
302 KB2TGU N3KN W3TI	294 K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK	267 K0CAO KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA WA0FQK WB0CQO	274 KB1DMX XE1YY		258
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	282 AA0ZP K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH	266 K1OA K1WVX TG9AJR WB8EJN	K2HAT NA2NY VE3MSC WB7ECS
299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	281 K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	265 N5KS W7CT WA8MCD	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0
298 AG1A KD4WSC N4IQ	290 JE1BMJ WA8EFK	280 N0KV NM5Z	271 K7NII KB7FUV KM3V W3HHN	264 AC8L K4JAF N0TK NF1O	256 N8ZJN W9TA
297 DK8NE KE8Y N8YQX N9LF	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
	288 K1NU N6AR W1DU W4HLR W7YA	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ VE3OTL WD5ITW
	287 K8DP			261 AF2F K3TWK KB8UUZ N3EW	

253 KG4ERR N2XQM	N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	KE4UW N4NX NN5DX	KD4K WA2BOT	214 KB9PJL PV8AZ VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
251 AD5JK HC1BI K1NJ KG7NV NN4SS	243 JA1QJI K3TC W4EJ YV1DIG	234 K5KEW KE6FCT	227 K3HPA K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF KF7NN N2OA
250 AA9LC KL0S NW6R	242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 JR3REX K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	241 N6NU W5LO	232 AI9L K5FO N0FJP N9NJY	225 AC9O K9QJ KX9X (EN50) N2WSY W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
248 K1ZZ W6VFA	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W1FKF W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	216 K7RB N0IS NE1F W4HFZ W5RWF WA2OTC	208 AI2N CO8DM KD5HIO PV8ABC
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM AE4WG JP1LRT MD0CCE	229 K6RG KB9RUG KD5IKG	222 K0YY K2TV K3AJ KA1LMR	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	207 N1BCL N8NJA
245 N1IA	237 K3KO				

206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	N5AO N9AG VA3VU W1AW	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	KN4PPD KN7K N0XLR N6ZE	N6PEQ N6VH W5HI	KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID	199 N3KFB NJ8J W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY
203 DF3CB K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W9GFB W9VOB WA1KPD	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
202 K1BZ K5GJR WC7X WF8Z WQ5W	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 KC0MEA W3SZ WA5VKS	183 K5RQ N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ
201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	182 AJ6T EM66 FP/KV1J K5GMX K8WK NZ1I XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V
200 4A2MAX K4YJ	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KD3HN KQ0J	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	175 PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT W8KNO WA3DRC
	193 K7PT K9AB	186 DJ5FI K6ZZ K8PT K9SG	180 K0OST K4LYN KC1MMC N1RK	174 K3MD K6WRL KC6ZWT	

168 KG5ZMQ W2PD W8WEJ	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7ZD KW0A N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	NA2X NC4VA PV8AJ W5SWV WA5TKU WS4V	KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	160 JA1AFR K5IQ N3FX			141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	137 N1SZ N5JGK SM7AED
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM N2WM NU1T UT7QF W6IA WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX		136 AB1QB K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N1JFU W0RIC	158 K8CR KI0D N2CG		145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF CT1BWU K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U OE6IMD VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	151 KO0Z W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI		
	156 K2KJ N3RN N9KO VE7VDX	150 N9LAH VE3OAT W7APM			
163 K2JF K2YSY N5XZ	155 AE4M K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	149 AB6CF I0WTD K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N 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	154 AE4NT KB9VMW KD2NF W3ZQN	148 AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNI (CM88) WB6RAB	142 N2ZA N5RMS	138 AC0XY AI6O JA6RJK KD7WPJ	133 KA5ETS KC1RET KE1VT

KM8V	128	N9AZZ	KD4MZM	WA1TBV	WD0ENC
W0RT	KC7QAG	PV8AAS	KD5BRF	XE2PXN	
W4GE	KJ6SDF	W0PE	KE4SCY (FM06)		112
WI5D	KN4DMN	W1TAM	N3YPJ	116	K2MLS
WW7Q	N1SFE	W7YM	VE1JC	IK7EOT	K3GD
XE2O	W0WT	W9CDL	VE3XK	K4RGN	K5WTA
	W5ZO		WA6RAY	KI6QDH	KA7T
132	W8FR	123	WD4OHD	KU5B	N5HMH
AB3CV	WB2WEO	AC7AF		N0VR	W1TR
IC8TEM		K9SM	119	NO0B	W5DQ
K5VG	127	KB0GT	AE5AU	W0DHB	W6OAT
KW4G	AA9RK	KB0STN	K0AWU		W7IV
N4PPH	JR2LJO	KG6DHQ	K1ZN	115	W9PN
N7TP	K3GYK	VE3TG	K2SQS	K9MMS	WA8TWM
N8IK	K7UV	W1HS	K4MSG	KE6TVM	WG3K
NE1I	K8AC	W3SE	K7JIZ	KF0QS	WX3P
VE3TM	K8OS	W4PRZ	KF7PCL	KF9AF	XE1GK
WN6K	KB3OZC	W5EWF	KP3V	KM5FA	
	KB9TLV	W7MHW	KT0P	N7VGO	111
131	KC0RQH	W8BI	KW7N	VK9DX	N0SLT
K3NAT	N6PM	W8KHP	N4UPX	WA3BZT	PC3T
KG9R	N6UTC	WA8WV	W0QC	WC7V	W8GBH
N2CJ	NO8D	WB2RVX	W4SW		WZ8P
	VE2JWH		W5DM	114	
130	W1FLD	122	W7QQ	AC8HU	110
AB0X	WA6BIL	K7AED	WI4T	K2RET	EA4DEI
AK8CW		K7OGW	WM9M	K3RTU	K5KR
JA3LZS	126	KA9JAC		K9AAN	K7LD
JR1BAS	KJ7G	KB4UF	118	KC4GCK	KD5J
K0GUR	N0BDS	KB5WFE	J68AS	KG9Z	KI0F
K4JKB	N7DGI	KC5UGX	K4AZV	NF8M	KP4JRS
KC4NX	WB4HUC	N5HYV	KA4LBD	VE1WOW	KQ4LA
KE8RJU	YL2AO	VE6PY	KF6MXK	VE3IRR	KX5U
NG9R		VE7JAC	KI7BP	W2JLK	N5TIF
VE1DX	125	WD0GT	KT8X	W2ZQ	N5YM
VE2TZT	AA7DK		KW4BY	W4ALF	W7JET
W0PHX	K3PU	121	N1QDQ	W4UFO	W7UP
W2LES	KC5DRI	AE1P	N3JNX	WO2C	
W3FEY	W2AJM	K0MFI	N5EIL	WX4US	109
WA2SEI	W3UQH	K4HBI	TF3JB		AK6ZZ
WB4YDL	W4DFU	KB2WAL	W2AC / WB2ABK	113	G4BWP
WW5W	WA6POZ	KB5MH	W2AC/WB2ABK	AB4PM	IW1ARB
	WB4OMM	KE4JFS	WB2KSK	AD5MD	K2DSW
129	WE1P	NE0P/9		K3DQB	K2JGL
8P6ET		UR0MC	117	KD4BPZ	K2OO
JF4VZT	124	W8DN	AB5J	KD6VCD	K5DNL
K0KD	K0DLW	WB9TFH	K4WS	KM5OL	K9GY
K5QWO	K8VA		N4USG	N3JDQ	KE6GLA
KC8KSK	KB0HH (EM06)	120	N5JEH*	N4YCI	KJ6CA
KF4NEF	KD5FTD	EA1YO	N5LPT	N5YK	KZ7N
KM5LY	KM1C	K2CYE	NA7L	W0BM	N8TMW
KM5SC	KT5MR	K4CGY	NU6V	W8MSP	N9TTX
N9WBR	N0SL	KD0R	W6WE	W8VW	VE3AAQ

W0YJT	N5FPW	W9EBK	WA8EQP	N5RZK	WB7VVD
W1OP	N5YHF	W9MDB	WB5FDP	N5XTR	WK5X
W4ZRZ	N8HM	WB2VUO		N7EME	WW2R (EL09)
W5MPC/1	N9XMU	WB8BZK/VE3	101	N8COP	
W7RJR	VA3OKG	WL7OU	AE7V	N8XS	98
WB6YIY	VE3AJY		K0SBV	VP2MRM	AC2RL
WB9W	WB6VYH	103	K0WJ	W2CH	AD8Y
	WQ9F	AA5CK	K2NUD	W4/KL7GLL	K0KC
108		AB0YM	K5DWI	W4OZK	K0UD
CF3VRQ	105	AB5SS	K5HX	W8BZY	K3IXD
HB9BZA	AC4Q	K2OY	K7SYS	W9DQ	K3QIA
JA9IPF	K4SJA	K4MVL	KB1JDX	WA5TLP	K4OP
K5OPB	K9MAL	K6USY	KB4KBS	WV9E	K5HOB
N3MWQ	KB3JGS	K8ZEE	KC6AWX		KA1EKR
N5DD	KC0JYT	KA1W	KC8CSD	99	KE4LGL
VE3SUB	KC4KK	KB0FHP	KG8WB	AB0SD	KG4YOU
VE7IG	KF4DGS	KB2SGX	KG9IL	AB3TM	KG7E
VY2RU	KJ7TH	KC9FFV	KL2R	K0YO	KJ2G
W4AMP	N4NQY	KF0AIJ	KR4WM	K4KEW	KK0CQ
W4CRN	N5SAN	KF4DVG	KR7LD	K4WQ	KY0Q
W5AAJ	N7YY	KR4NO	N1IX	K4ZO	N0JJQ
W8EH	NE9O	N0YXE	N4AOE	K5VPQ	N1JHJ
W9VNE	PU4JOE	N1JIF	N8VEA	K7DD	N3LRP
XE1R	VE3VRQ	NF6P	N9DVS	K7PAP	N5TEY
	W8MIL	VE7DXG	ON9CMR/W0	K9ZZE	N8AID
107	W9RVG	W0TF	VA2LGQ	KA0ZEE	NO5X
JA3EGE	WA4MYO	W3LEO	W4LLP	KC2IEB	NO8R
K5UIC		W6IT	W5KBD	KC6X	VA3VF
KF7PG	104	W6XU	W7ISG	KD4MWO	W2KRP
KI9A	AB9YC		WB8IMY	KD6RUH	W6TE
KK4LUM	AC5K	102	WD5IYT	KG9AP	WA2FGK
N3TTT	AC5RN	AA9MY		KR4UA	WA3TLT
N9OI	AC9QR	AB8JH	100	M5MYH	WB1GQR
NF0T	IK4DRY	AD6KH	AC0FT	N4FV	WB2YDS
US0KW	K5PPP	K0HAQ	AI2S	N5OHL	WD0E
W2ODH	KB9RNO	K3HW	AI9U	N7HRT	WH6LR
W2TTT	KC1LXO	K9AM	K2UA	N7JPF	WT5H
WB4PPW	KC2TR	K9OHI	K4UQC	N7TE	WV5Y
	KD9GKL	KA3ZLS	K5GM	N8GHZ	
106	KJ7OG	KB8CR	K5KV	N8YV	97
K0MEI	KM6WXB	KC6WFS	K8IJ	N9MKC	AB8M
K5BJW	KO4LZ	KC8DMN	K9CC	NB5R	AJ9C
K7BWH	N0STP	KD8NYO	KB9ZLB	NH6CJ	K0HB
K7JE	N1LDY	KE1AU	KC2HLI	NI5W	K0JQZ
KB0TIJ	N2FBQ	KJ4M	KC8CC	NS2P	K0QEI
KC7ICM	N3UPS	KR5V	KC9CMT	VE2HAY	K0SH
KE5JXC	N7AGF	N1HOQ	KD3SW	W2HOG	K0YQ
KJ6MBW	NJ1H	VE7ZD	KE5CVM	W2VU	K3HZO (FN20)
KK2DOG	VE2PIJ	W4RVZ	KF0Q	W5JLC	K4GTR
N0RQ	W1TE	W5DPT	KG5X	W6TJU	K4JQU
N1USB	W1ZE	W5OV	KJ5OA	WA1LAD	K8XF
N2IPH	W4KVS	W7UT	N3TBB	WA5TRX	KA2BSK
N4CE	W6ZQ	W9NFL	N4NIA	WB5NHX	KA7EII

KC0YBM	N2VHZ	W9SX	VE7AB	W4VG	K7HPN
KD5CKP	N2XK	WA2ONK	W2GR	W5DMT	K8OI
KF4KSN	N8PAQ	WA3I	W3IPA	W5DWA	KB2YWU
KM4NYI	N8YBY	WA4WR	W3TA	W7EIR	KB3IAI
KT5WB	NT2A	WB2SIH	W4LNG	W7TRX	KB3NDS
N1VMJ	NW5Q	WD8DOT	W5ODD	W9IFW	KB7AZ
N3UMA	NY2Z	WS4S	W5PUF	W9NED	KC5POV
N4BH	VE2DCP	XE2AT	WA7LHZ	W9WI	KC8LGL
N5OTY	W1HMM		WA9BXB	WA5ICA	KE1IU
N6MA	W3VHF	94	WT9U	WB5CON	KE7RTB
N9APK	W4KK	AA4RP	WV7S		KG4QWC
N9IO	W4TMR	AB4VT		92	KI3O
N9KY	W7JHS	AD1DX	93	K1EY	KI5BLU
NK7C	W8DM	HK4SAN	AG2A	K5GDX	KM7N
NU0Y	WA3EEC	IK8YTA	AG6CV	K5TDA	KM9I
VA3FIN	WB0M	K0ARM	AI8F	K7FU	KQ6K
W3QT	WB5KJE	K3BEE	K0IW	K7HKR	N3PPH
W4CWA	WP4LNY	K3TUF	K1PTF	K7UWR	N3WCM
W4DAS		K4JRK	K1ZK	KB0PQP	N7CZ
W4ID	95	K4LDC	K2AK	KC4JNW	N8DEZ
W7DN	AB9AI	K4NNX	K2MTS	KD4QMY	NR4J
WA6OSX	AE0G	K8GT	K4DAM	KE4WBO	NU4N
WA9LEY	AE5EO	K9DOG	K5TRI	KG4URP	OE9KFV
WB8RVK	K1PNQ	K9SUL	K6RM	KR7X	VA2BBW
WB8ZTV	K4ED	KA2F	K7IP	N2SG	W2SUB
WB9PNU	K8KFJ	KA9UVY	K7TRK	N3GH	W4MLN
WE8L	K8ME	KB7AK	KB0USF	N4VN	W5KDA
	K8VD	KC0AUY	KC5TGT	N5QO	WB0NRV
96	KD7WH	KC3AK	KC5TT	N6FD	WB7X
AD5OW	KD8DR	KD4VRZ	KC9TTR	N6RPM	WC4V
AE4TQ	KD9ZR	KE3WM	KC9UL	N7DED	XE1GZU
AK4F	KF6XA	KF0LA	KD0QG	NS6E	
HB9EFK	KI0SK	KG4NLZ	KE6AZX	UT5JAJ	90
K2CK	KW9U	KU4JZ	KE6UMW	W1PV	AA0LM
K2UF	N1XK	KV3W	KE8RPJ	W2ACY	AB4WL
K2UNK	N2SLO	N0LNE	KI0J	W2CVW	AB9DU
K4EQH	N2WLS	N0LP	KK7MNC	W3ACO	AF5BG
K5CRJ	N3WAV	N1TOR	N2BX	W3HZU	DL1SMA
K8EMR	N4ET	N2SU	N2YTF	W4BP	JH4JNG
K9OT	N5BLY	N3JBH	N3AO	W4LIA	K1HC
KA2NDX	N5ENU	N3XBG	N3ZBK	W6NS	K1KA
KA3HED	N5KI	N3YUG	N4GOA	W8JV	K3CWF
KB5GI	N9IV	N5ZMP	N4YHC	WA3JKB	K3UAL
KB8PNS	N9LJX	N6HY	N7EGY	WA4EEZ	K4AAP
KC0HBP	VA3KS	N6MXU	N7JI	WM3O	K4FTP
KD6PY	VA3PZ	N7NH	N7KSI		K4XZ
KI5TE	VE3KZ	N7UN	NA9D	91	K8EAB
KM2O	VE3SPW	N8WWM	VA7QI	AA0CW	KA5TJI
KM5NU	W4YZJ	N9DD	VE3WMD	AD3Y	KB5FHK
KS4V	W5ADA	N9UNX	W0MHK	CO2WZ	KB7BSA
KT5RR	W5CBF	VA3MA	W2VTV	K1UR	KK4DZP
N0WVU	W5RCQ	VE3RX	W3ZGD	K4SPA	KW3DX
N2LID	W7JWC	VE5MX	W4GPM	K6YK	N2ULL

N4BRF	88	N0ELA	W8DQ	81	75
N5BA	AA4QE	N2CJN	W9QY	AB4I	G4RGK
N9JJ	AE0DX	NA5DX	WA4WKL	KE4DZU	K3PP
VA3XOV	AE4OF	NE5S	WD4LSS	N6MM	K6VHF/HR9
W9CPV	AF4MI	NI5F	WF4R	N7NEV	K8QM
W9CSY	K1RS	NN7RM		NI4Y	N5GH
W9HBH	K3TN	W8GOC	84	W3MC	NP3YL
WA2BEV	K4XD	WB3IGR	CT3FT	WA4ZXV	W4LVH
WA8OJR	K7CTV	WB8JAY	K4EZY	WA8ZNC	W5UC
WD9HCF	K7WV	WF4W	KE6NDG	XE1EE	WP4NEG
WE7H	K7ZYV	XE1RBV	N1KI		ZL3AAU
WEST SEATTLE	89		N2NWS	80	
WH6LE	KB2KIR	86	VE2WBK	AC6BW	74
WT4C	KC1GWX	AG1T	W8PU	K7FR	AK8B
XE3/K5ENS	KC3MLC	K7FB	W8SGR	KE4PT	CX4AAJ
	KE8UM	KA9OKH	ZS6NK	KR4Q	KF2TI
89	KI2D	KB7JJG		KW1DX	LU4FPZ
AB1TZ	KI4RFM	KI6HQT	83	N2NS	TI2CDA
AG2AA	KJ4KW	KN4MMH	AA6E	UW5ZM	VE6SO
AG7NR	N0OK	KP4TB	AC9GK	VY2HF	VK4CZ
G4NBS	N1CEO	KT1R	DL5XJ	W5TTY	WC6DX
JQ1TIV	N2MKT	N2NF	K1LH	W6TCP	
K4BMM	N2ZN	N3MVF	K4SQC	W7AM	73
K5CX	N4CAG	N8TFD	K6JJ		G4FKA
K5JAZ	N4GN	NZ3O	K8SIA	79	JF1IRW
KA0MWA	N4KIN	VA3MDB	KB3HHA	K4RW	N6DW
KF4TVL	N4UC	VA7LM	KB9LIE	K5JBT	SV1RK
KI0G	N5VBK	VE7IRU	KC1UYZ	KB4DSL	VP2MJD
KI4FW	NS3X	W8IW	KK7BV	KP4N	W4WT
KI4US	NT4TN	WA1PMA	KU4WW	N2COP	
KR4U	VE2VLJ	WA4USA	N6KTH	N5YJZ	72
KT3X	W2BZR	WB4GCS	TG9AKH	N9RC	N4II
N2GZ	W3YX	XE2AU	W7USB	VE3CFK	PV8ADI
N5KAE	W4DL		WD6T	W2GW	
N8YSZ	W4RXR	85	WD9IOK	W2SKI	71
N9RG	W7HDD	EI3IO	WI6Z	WN0L	K0GW
N9UDX	WA2BTR	K1UU	XE1MM		K4GK
NE2U	WA5MD	K4LRP		78	K5WPN
VE3VCF	WK3N	KB3MXK	82	K2QPN	NP4TT
W0HRO	WV8O	KC0V	AD4IE	TG9AWS	W2YR
W1HY	XE1SOV	KE4DRF	CB0ZA	W4NE	W3FGP
W2JEK		KK4AND	K3RJK		WC5M
W2OK	87	N2RJ	K4JMX	77	
W4ZMM	AC0A	N4LS	KA5WSS	K1IFJ	70
W6VNQ	AG4I	NJ1Q	KC5YKX	MI0AYR	GI4SJQ
W9HT	K4JC	VE3GFN	KG4KVZ		K4BNC
WA7SDI	K5UZ	VE7DAY	N1SF	76	KC0ZRZ
WB3IAL	K5WO	W1WV	PU8TEP	K0WYN	N6GEO
WM6Y	K6UIP	W3STU	W5DAS	K6MAA	W2QO
WQ5C	KB1VUN	W4IT	W7YOZ	KI4CYB	W4GP
WR5AY	KC8NAH	W4RA	W8GG	KI7WXP	
XE2NL	KE6WOX	W6ST	WA2ONG	N1GNB	69
XE3DX	KI6RRD	W7SIR		N2MH/4	K3WGR

W1YM WD4LBR	UR9QQ	46 LU2DX	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC KP4EIT W8MK	PY2RN SV8CKM UT3UA UX0DL WC2C
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	13 JE2UFF K4WY PY2MC W4PWF
66 K6KLY KB4YKC KK4YEL	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	30 E72X JL3LSF JO7WXN WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC OE3SGU PY5EW W8LR YL3HA	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 JL3MCM LA3MHA WA2EMF	41 N6PAZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
64 K3BQ WD5GRW (EM13)	53 K0BBC K0PJCZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V KJ4EU W0HBH	10 DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	26 WB7QXU		
61 CU3AN N0GVK US5WE UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	36 JA1WSK	25 EA4/K1WE		
60 IZ4DPV KP4JFR S55DX	47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	16 N6VHF	

9	SK6QA	9K2NO	JH8XVT
DL7BA	VE2NGH	BV6CC	JI1HNC
EB1EWE	VR2XMT	CO6CBF	JJ1PFC
EC7ZK	W1ZR	DF8FT	JL2ULM
G6BFP	W2ZF	DK1CO	JN3ONX
IK3ITB	YL2CZ	EH4BPJ	KC3KJQ
JA1MZL		ES8JX	KG4JSZ
JA2FGL	4	F5TMJ	KH6WI
JE1LFX	CT7/RC2A	G0THY	KP4DER
KD3UY	EK/RX3DPK	G4DDL	MM0INH
S51NM	F1DFR	G8GNI	OK1UU
	IV3GOW	GI4ONL	ON6NA
8	JG1JPE	IK1IYU	OZ1IKY
DK2LO	JH7IMX	IK2GOQ	PU5SVE
JA1CPU	JH7IPR	IZ8XQC	SM3GBA
JE3PCP	JK6DXD	JA6AVT	SM6LPG
JJ2NWI	UT5EL	JA6SZV	SP7EXY
N8RO	VK4ZP	JA9FAI	SQ5NRY
OH8LXT	XE1SAX	JH3MHI	UN8G
		JP1HDK	UR5EDX
7	3	K7LY	VR2VGM
DH0GSU	DF1ZN	KEN IN NEBRASKA	WB7VUF
G8APB	DJ5AV	LA2CQ	YO8WW
HB9GWJ	DL2KQ	OH3KAV	
IZ0INX	EA1AR	SV1XV	
JA2NDQ	EA4D	SV3FUO	
LA3DV	G3LHJ	YB2DX	
N5ORT	GM4CFS	YL2KF	
NJ4Y	GM4KHE		
UR5FEO	HA9PP	1	
ZS4TX	HL2ZN	3A2MW	
	IK0WRB	9A2EY	
6	IK8EPC	BD4UJ	
CT2FEY	IW3GJF	CT1AHU	
DL1TRK	JI1CHH	DH8BQA	
DU0A	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		IZ2CSX	
M1VPN	2	IZ3DBA	
MU0GSY	5B4ALJ	IZ5FSA	
OK1IN	6K5XZE	JA1GZK	
ON5UE	7J1ADJ	JA7DPC	
PP2RON	9A2GA	JA7VXB	