

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 (24 Jan 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	W3CP	WD5COV	476	463	447
AA0MZ	W4UDH		KC7QY	VE3EK	K4HB
AA5AM	W5ADD	484	KC7V		KS7S
AA5C	W5AFY	K0SIX		462	N4SC
AA7A	W5AJ	W5VY	474	K6ZH	W5EME
A15I	W5FF	W5ZN	N4WW	N6ORB	
K0GU	W5KI		W6XK	WE9R	446
K1TOL	W5OZI	483			K6EID
K4PI	W7GJ	AC0RA	473	461	N4QS
K4XO	W7JW	K0TPP	NQ7R	NA9RB	NV4B
K5RK	W7KNT	K1USA	WB0O		
K5UR	W7MEM	W0VTT		458	445
K5WE	W9FF		472	K4MY	KU7Z
K7CW	W9JN	482	A11K	KG5THG	N5NA
K7ULS	W9RM	AD6D	KB7ME	N9BCA	N8OC
K8SIX	W9XX	KX4R	N7ZO	WB9CIF	
K9CT	WD5K		WD8JJA		444
KA9CFD	WQ5S	481		456	KB8VAO
KA9FOX	WS9V	W9VHF	471	N4JQQ	N7BAV
KD5M			AF5CC		NI0G
KG5CCI	487	480	N5KO	455	W4DR
KM0A	K7MAC	K5GZR		K4SO	
KO9A	K7TM	N7KA	469		443
KR7O	K9YY	WB0ULX	K7BG	453	AB4IQ
KV5W	N0AKC	XE2CQ	KM0T	K4YMQ	K4XP
N0LL	N7CW	XE2OR	N4TB		N4MM
N0LWF	N7IR			452	N9PGG
N0PB	N7NW	479	467	N5BO	NE1B
N0TB	N9ISN	W5WVO	AD1C	W3UR	
N1AV	NA6L	WA7HQD	N5EKO		441
N3SL			WO7R	450	K8TB
N3XX	486	478		AJ4F	KD3CQ
N5DG	K1TO	AE5B	466	N9BX	
N5OMG	KY7M	N5WS	KA0JGH		440
N6JV	N0KE		KB6NAN	449	AG9S
N9LB		477	ND4X	KF6HI	W2IRT
N9UM	485	K0BJ	WX7M	W8TN	W3LPL
ND0B	K5ND	NC6K			W5THT
W0FY	K9MU	W9RN	464	448	
W0JW	N0POH		KB9OWD	W5XC	439
W0LGQ	W3IP			XE2K	WB8ZBT

438 KB9DAK	426 K4ZOT K8ZR N5OK XE2X	411 K9MK N9EAT	396 KB8U	K1GG K8ROK	N3MK NT0V
437 NY0V WB7CJO	425 K6ML	410 KE7SW K18G N4HN	395 AA5XE K0AZ K5WBM KF7CQ	382 K5PI K6VHF VE3YXO	369 KF8UN N2DPF
436 K1HTV K3SX K7PI W3TC WB8ART	424 N4UFP N9AKR W3EP	408 W7BA	393 K7XC KK4MA NJ6D W4TV	381 W3VZ	368 KB0V W5RCI W6GMT
435 K9KLD KF6A	423 AJ4A NA6MG	407 W4AS W5CIA	392 AF4HX N4UFO VE4EAR W5OMF	380 K7MCX NE6I NM5U WA5LFD	367 AA4ZZ KC4HW KR4BD NT9E W7Yaq
434 K1SIX	422 VE6WQ	406 AK3E K6FG VE2XK 6M FN07	391 N1EVK W4AVY	379 N8WNA	366 KI7JA W7FI
433 N9FN W9WO	421 K8ROX WB8BPU	405 AA4SC K5CKS	389 NE9U	378 WR7X	365 K4JJW KG7CW KZ2I WB4EVH
432 K6GXO N6KK W5TRL	420 VE3LYC	403 KE8KMX NH6T/W4	388 K0IP W4WRL	376 AA5JF K8GI K8VfV N2WK	364 AB5EB JA7QVI N6QQ
431 K0TLM N2QT	419 K7NN W0GN W5AL	402 K3FM	387 AA1ON K2TER KV4T N4CH	375 K6QG WB4OQX	363 W4NH
430 K1TEO KF8MY N5TJ	416 K4RWP K7ND	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S	374 AB1OC N6GP N7DB	362 WA5OLT
429 WA5JCI	415 K5OMC K7AWB KO4MA N5SYV W0GJ WB5JID	400 W0JRP W0RH W3UUM	385 KF0M NK1K VE6MB W4WTA	373 K4SSO	361 K7XB K8BL K9NR N7MB N8KOL NG4C
428 K9APW KP4AJ N2NL N4QWZ N4TL	414 AH0U K7KQA	399 WA9DU	384 AB4SF	372 W5MO	360 AA4FF K6UM (CN85) N3OC
427 N4LR W3LL WA1EAZ	413 WA9LFO	397 K5RT		371 WA6BYA	

359 NI0P	344 AC9DX K6FW KB0PE KG8P W1OW	334 K0OOK K3TRM N4UFO (EM95) N9DR N9XG WB5TOI	326 K2ZD K6LMN K6TDI KD5XB NG7M W7JLC WF7T	KA0ABA N1KDO W4UCK W9BWR	305 K6UM (CM88) KF2T KT1J WA9M
358 K5RLA				315 K5VH KG6AY NY2NY	304 K6IPF W4FC WA0GUD
357 K4LVV W5PR	343 AB4EJ K5EK N3RC	333 KM4HI KN4NN N0IGZ W3GQ	325 WA2AEY	314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN
356 NY1V	341 KD7DCR NX7U WA7YAZ	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 K9SH KU4A N2BJ N8HRZ VE3TMG	313 K0TC N6NR NF4A W4GLV W5RKN WA1NLG	302 KB2TGU W3TI
355 N2ZX					301 N0HJZ N2ZZ VE1JBC W7IB W9OBG WB0TVY
354 K0DEQ	340 KE4TH N0AN	331 K8WDA KC0UDO N4MW N6KZ VE7BV	323 K10E N8II W4MAY W8KEN	312 AF6O KA2GOJ WB3LHD	300 AA4V K0DD K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S
353 AF2K K0CS K8EB	339 KE4BKL VA7FC W5VAS	330 KB8MBC NK0S	322 VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB	
352 NZ3M W0KKK W1JR WA9PWP XE2ML	338 VE3SXE WA5KBH	329 AA1QD N2JJ W1DYJ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	310 AA8SW NJ7G W9KVR WO4DX	
351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E		320 K0VG N4DW		
350 AB9BH N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3DS WO9S	328 K6ME N5PT W2CNS	319 N7US W4ER	309 AA4LR VE3XN	
349 K8JH KA0BAD			318 N3ALN W4HY		299 VE6WK W1LE W5SUM W8UV WB5GVY
347 KT8O	335 K5FUV K5FZ K9QVB KB1EFS KB4MRX W9GKA	327 K6EME KJ5RC N0YO W2JU	317 N3PS W1SKU WA7PDC WO2T	307 KE5K W3ATV W9RPM WB4KTF	298 KD4WSC N1NK N4IQ
346 W8LMG			316 K3FN	306 K6RO WV9L	
345 W3XY XE2YWH					

297 DK8NE N8YQX N9LF	287 JE1BMJ N8CGY WA8ZID	278 AA9D AJ4W K3JT N0LNO N8BJQ NN1N	W7JY WZ9B	KL7HBK N4ST ND4DX WA0KBZ	254 KF8QL N7QOZ VE3OTL WD5ITW
296 K6YUI KC7RW	286 AG1A		269 K1GJQ K2IE K3ZO KD5R N5EPA N5WD	261 AF2F K3TWK KB8UUZ N3EW	253 KG4ERR N2XQM N8LRG W3SW W9TA
295 KE4P N7NT NA5Z W2HRO	285 K5CZD K9UO N0LD WA4HFN	277 AC7JM JR1LZK NS4T PV8DX	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC W0PR	252 AB5A CT1EEB K1ACL NN4RR VE6NTT VE6SH
294 JG1TSG K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96) RETIRED	276 K2CS K5TWJ K7TAB KE8Y	267 K8DP KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB	259 AK0MR KD4ADC KG6I KN5O N1RR NS7K NY1E VE6BMX	251 AD5JK K1NJ K3NK KG7NV NN4SS
293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	283 K1ST W8OP WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK W8PI	266 K1OA K1WVX TG9AJR WB8EJN	258 K1BD K2HAT NA2NY WB7ECS	250 AA9LC NW6R
292 KJ6P W1SSN	282 AA0ZP K5TA N0GZ N8JCM W4WM	274 KB1DMX	265 N5KS	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HF1/0	249 CT1IUA K8AO KQ5U N1GC
291 KS4S W1WHL	281 K4OY NL7CO W2YE	273 K2BLA KM4H KV1J WB0OQV	264 AC8L K4JAF N0TK NF1O		248 K1ZZ W6VFA
290 W3HDH WA8EFK	280 K2UU N0KV NM5Z	272 K0PG XE1AO	263 AK4PR K3VAT K4XR K9AAA W7CT WB7QBS	256 K3WA N8ZJN	247 W1FKF W3TEF
289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA KF9UG N3JPU W0VHF (EL87) WA4NVM XE1FAS	271 K4NNX K7NII KB7FUV N9JR W3HHN	262 AE5FM K3CWH	255 JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE	246 JA1UAV K0DAS KK8X N5TIT W4FRA WI7P
288 HC2FG K1NU N6AR W1DU W4HLR		270 K4SPD KC9FQD N2LIV W4QK W5DNT			

245 N1IA N3XF VA3CW	237 K3FRK K3KO K4QE	VA3XJ WB0WAO/8	NJ7A	N2YU N6KW NA5C	207 K3HPA N1BCL N8NJA
244 AA9RR K8DV KD8JSP N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KL0S MD0CCE N3FTI N9ATD W5AJX W9OO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K W8GJ WA2BOT	214 KB9PJL PV8AZ VE3SYK WA7AJ	206 AB0CT AK4Y K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J
243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI	213 K3DFL KI6X W0NBC W8RD	205 AF4OD K8SD KE4HOA N5ITO N9ATF W8QID
242 K3WW KA3TCC WA8MCD	234 KE6FCT	227 K8ZT K9TF KS9A W4KXY W5LUA	220 HC1BI K7BTW N7XCZ	212 AB5C JF8QNF KF7NN N2OA N5PA	204 IT9IPQ
241 N6NU W5LO	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT XE1L	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX WQ6Q XE1YY	219 K2RKJ KE5RV W5JMW W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER	203 K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W9GFB W9VOB
240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 AE4WG AI9L K5FO N9NJY VE6TA (DO33) W0PPA	225 AC9O K9QJ KX9X (EN50) N2WSY N4SV VE3MSC W8AKS WN6W	218 K1XH K4IJQ K8YC KB8KVJ	210 JR3REX K3MSB K9YC KL7NO N1TQ N6UK WQ9T	202 K1BZ K5GJR WC7X WF8Z WQ5W
239 F4BKV KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	231 K4MIJ K6HEW KF6GYM VA2CY W9XT	224 JM1SZY K9MQ WA4YA	217 KB1HY ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N	
238 AA3GM JP1LRT KV7N	230 K1ZE KO4MM	223 K7UA NI3K	216 K7RB N0IS NE1F W5RWF	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K WA1MKE WA9ASZ

200 4A2MAX N5AO N9AG VA3VU W1AW	193 K7PT K9AB	K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1V) NA6O W3SO WA2PNI	168 KG5ZMQ W8WEJ
199 JA8ISU K4GHS N3KfV NJ8J W4OEP WB0YEA	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY	167 K4MQG KB1YNT KB5EP LU4FW N0NHW NO0T TG9ADQ W1BAT
198 AC8TO N0UK N7EPD NX0I WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS
197 K3EGE N4BAF W3TW W5CTV W9TD	190 K2WJ K5ER KC2DLD N5SMQ N9UA W1ATV W2OO	183 K5RQ N0FJP N0UBL W2UDT	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	165 K4DXT KD5HPT N1JFU W0RIC
196 JR2HCB K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 KC0MEA W3SZ WA5VKS	182 4O3A AJ6T DF3CB FP/KV1J K5GMX K8WK KK0DX W2CCC XE1CL	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	170 K5DB K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G
195 AA4W JA7MSQ K6VDP KC0VDY KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	175 PV8BR		163 K2JF K2YSY N5XZ
194 K2MRK N3FA N9NFT WF1H WK8A	187 K3EA KD3HN KQ0J N1SV				162 AF4GK K0QB KA1R KD4TDI W9JJB W9VS WA1Z
	186 DJ5FI				161 K4EA KB3CWQ

N2YBB	KW0A	W5WOX	141	137	XE2O
V44KAI	N1OFZ	WA0VPJ	K4AR	N1SZ	
VE3LC	N2ADV	WA3YGQ	K9ATX	N5JGK	132
W4HOG	N6DHZ		KT8TD	SM7AED	AB3CV
160	W3DQS	146	N9FIV		IC8TEM
K5IQ	W5FI	K2GW	W4FS	136	K5VG
WA3DRC	W9ILY	K8YTO	W4POT	K0XXX	KW4G
	WB5ZAM	KB0YH	W6ZI	K4SX	N4PPH
159	152	KB5ZEA	WB9WHQ	KC5LK	NE1I
K4MZ	AA6I	KC2TN	WR7AY	KC9AXZ	VE3TM
NS7B	N1NUM	KM5TY		KJ5RM	WN6K
W1EME	N2WM	N4HID	140	KV1E	
W4TTO	NU1T	VA2RC	AC5DK	NO1R	131
WB8NUT	NU1T	VE1VOX	CO2WF	OE6IMD	K3NAT
	UT7QF	W4HFZ	CT1BWU	W2JCN	KG9R
	W6IA		JA1AFR	W4AVV	N2CJ
158	WO4G	145	K1UO	W7UV	
K8CR		KD7YZ	K7SAM	XE2JS	130
KI0D	151	V31MD	KC0MEZ		AB0X
N2CG	KO0Z	VA3TTX	KC8TMU	135	AK8CW
	W1ZT	WA4JA	KJ4KVC	CU3EQ	JA6RJK
157	W2DXE		N1EN	K4MWB	K0GUR
K4FX		144	N3VOP	K8ZIZ	K4JKB
KB8GC	150	K0TLG	NJ0U	LY3W	KC4NX
WA7NB	N9LAH	K5TDW	VE3KY	N4DB	KE8RJU
	VE3OAT	K6JRA	W4TUN	N8XE	NG9R
156	W7APM	K8MN	W6DQ	W6BXQ	PV8AJ
K2KJ		K8WU	WA4KXY	WB8BZK	VE1DX
N3RN	149	KA8SYV		WW2DX	VE2TZT
N9KO	AB6CF	N9DI	139	XE1H	W0PHX
VE7VDX	K4SAN	W5MPC	IZ8FFA		W2LES
	KK9H	WO7GI	K1DT	134	W3FEY
155	WB4VHF		KC7JPC	AB1NS	WA2SEI
AE4M		143	KU0G	AB4GE	WB4YDL
K3TD	148	K0KVR	N3FX	BA4SI	WW5W
K6XN	AC0DQ	K6JBH	NA2AA	C6ABB	
N7AU	AG0A	K9QFR	W2PD	GM4UYE	129
N9OBE	G0OIL	KB8RJS	W4OV	HK3W	8P6ET
NY4I	K0RU	N8URE (FM19)	WA5TKU	KE5FXE	JF4VZT
TG9ANF	K7IU	NA1VT	WB2JIL	N3AIU (DN70)	K0KD
VA3NQ	KB2YSI	W0HNM	WY0V	N8GOU	K5QWO
WV8DX	N0TM	W0UHL		W4TKI	KC8KSK
	N5ZBI	WB0MMC	138	WA3WZR	KF4NEF
154	W6VNI (CM88)	WM5H	AC0XY		KM5LY
AE4NT	WB6RAB		Ai6O	133	KM5SC
KB9VMW		142	KD7WPJ	KA5ETS	N9WBR
W3ZQN	147	N5RMS	KE0A	KC1RET	NZ6N
	AF6AV	NA2X	KE3D	KE1VT	
153	IZ1LBG	NC4VA	KE8RO	KM8V	128
AA4NC	K6PSP	W5SWV	KQ4KX	N7T	KC7QAG
AB4GG	KC1BUF	WS4V	N3XH	W0RT	KJ6SDF
K7AD	VE3CX			W4GE	KN4DMN
K7ZD	W4YCC			WW7Q	W0WT

W5ZO	W7YM	VE1JC	116	112	W4ZRZ
W8FR	W9CDL	VE3XK	IK7EOT	K2MLS	W5MPC/1
WB2WEO		W4LVH	JR1BAS	K3GD	W7RJR
WQ7F	123	WA6RAY	K4RGN	K5WTA	WB6YIY
	AC7AF	WB0WAO	KI6QDH	KA7T	WB9W
127	K9SM	WD4OHD	KU5B	N5HMH	
AA9RK	KB0GT		N0VR	W1TR	108
JA3LZS	KB0STN	119	NO0B	W5DM	CF3VRQ
K3GYK	KG6DHQ	AE5AU	W0DHB	W5DQ	HB9BZA
K7UV	VE3TG	K0AWU		W6OAT	JA9IPF
K8AC	W1HS	K1ZN	115	W7IV	K5OPB
K8OS	W3SE	K2SQS	K9MMS	W9PN	N3MWQ
KB3OZC	W4PRZ	K4MSG	KE6TVM	WA8TWM	N5DD
KB9TLV	W5EWF	K7JIZ	KF0QS	WX3P	VE3SUB
KC0RQH	W7MHW	KF7PCL	KF9AF	XE1GK	VE7IG
N2ZA	W8BI	KP3V	KM5FA		VY2RU
NO8D	W8KHP	KT0P	N7VGO	111	W4AMP
VE2JWH	WA8WV	KW7N	VK9DX	N0SLT	W4CRN
W1FLD	WB2RVX	N4UPX	WA3BZT	N8IK	W5AAJ
WA6BIL		W0QC	WC7V	PC3T	W8EH
	122	W4SW		W8GBH	W9VNE
126	K7AED	W7QQ	114	WZ8P	XE1R
KJ7G	K7OGW	WI4T	AC8HU		
N0BDS	KA9JAC	WM9M	K2RET	110	107
N7DGI	KB4UF		K3RTU	K5KR	JA3EGE
WB4HUC	KB5WFE	118	K9AAN	K7LD	K5UIC
YL2AO	KC5UGX	J68AS	KC4GCK	KD5J	KF7PG
	N5HYV	K4AZV	KG9Z	KI0F	KI9A
125	VE6PY	KA4LBD	NF8M	KP4JRS	KK4LUM
AA7DK	VE7JAC	KF6MXK	VE1WOW	KQ4LA	N3TTT
K3PU	WD0GTY	KI7BP	VE3IRR	KX5U	N9OI
KC5DRI		KT8X	W2JLK	N5TIF	NF0T
KD2NF	121	KW4BY	W4ALF	N5YM	US0KW
NT7C	AE1P	N1QDQ	W4UFO	W7JET	W2ODH
W2AJM	K0MFI	N3JNX	WO2C	W7UP	W2TTT
W3UQH	K4HBI	N5EIL	WX4US		WB4PPW
W4DFU	KB2WAL	NZ1I		109	
WA6POZ	KB5MH	TF3JB	113	AK6ZZ	106
WB4OMM	KE4JFS	W2AC / WB2ABK	AB4PM	G4BWP	EA4DEI
WE1P	NE0P/9	W2AC/WB2ABK	AD5MD	IW1ARB	K0MEI
	UR0MC	WB2KSK	K3DQB	K2DSW	K5BJW
124	W8DN		KD4BPZ	K2JGL	K7BWH
K0DLW	WB9TFH	117	KD6VCD	K2OO	K7JE
K8VA		AB5J	KM5OL	K5DNL	KB0TIJ
KB0HH (EM06)	120	K4WS	N3JDQ	K9GY	KC7ICM
KD5FTD	EA1YO	N4USG	N4YCI	KE6GLA	KE5JXC
KM1C	K2CYE	N5JEH*	N5YK	KJ6CA	KJ6MBW
KT5MR	K4CGY	N5LPT	W0BM	KZ7N	KK2DOG
N0SL	KD0R	NU6V	W8MSP	N8TMW	N0RQ
N9AZZ	KD4MZM	W6WE	W8VW	N9TTX	N1USB
PV8AAS	KD5BRF	WA1TBV	WD0ENC	VE3AAQ	N2IPH
W0PE	KE4SCY (FM06)	XE2PXN		W0YJT	N4CE
W1TAM	N3YPJ			W1OP	N5FPW

N5YHF	WB8BZK/VE3	101	N8COP	98	KT5WB
N8HM	WG3K	AE7V	N8XS	AC2RL	N1SFE
N9XMU		K0RAR	VP2MRM	AD8Y	N1VMJ
VA3OKG	103	K0SBV	W2CH	K0KC	N3UMA
VE3AJY	AA5CK	K0WJ	W4/KL7GLL	K0UD	N4BH
WB6VYH	AB0YM	K2NUD	W4OZK	K3IXD	N5OTY
WQ9F	AB5SS	K5DWI	W8BZY	K3QIA	N6MA
	K2OY	K5HX	W9DQ	K4OP	N9APK
105	K4MVL	K7SYS	WA5TLP	K5HOB	N9IO
AC4Q	K6USY	KB4KBS	WV9E	KA1EKR	N9KY
K4SJA	K8ZEE	KC6AWX		KE4LGL	NK7C
K9MAL	KA1W	KC8CSD	99	KG4YOU	NU0Y
KB3JGS	KB0FHP	KG8WB	AB0SD	KG7E	VA3FIN
KC0JYT	KB2SGX	KG9IL	AB3TM	KJ2G	W3QT
KC4KK	KC9FFV	KL2R	K0YO	KK0CQ	W4CWA
KF4DGS	KF0AIJ	KR4WM	K4KEW	KY0Q	W4DAS
KJ7TH	KF4DVG	KR7LD	K4WQ	N0JJQ	W4ID
N4NQY	KR4NO	N1IX	K4ZO	N1JHJ	W7DN
N5SAN	N0YXE	N4AOE	K5VPQ	N3LRP	WA6OSX
N7YY	N1JIF	N8VEA	K7DD	N5TEY	WA9LEY
NE9O	VE7DXG	N9DVS	K7PAP	N8AID	WB8RVK
PU4JOE	W0TF	ON9CMR/W0	K9ZZE	NO5X	WB8ZTV
VE3VRQ	W3LEO	VA2LGQ	KA0ZEE	NO8R	WB9PNU
W8MIL	W6IT	W4LLP	KC2IEB	VA3VF	WE8L
W9RVG	W6XU	W5KBD	KC6X	W2KRP	
WA4MYO		W7ISG	KD4MWO	W6TE	96
	102	WB8IMY	KD6RUH	WA2FGK	AD5OW
	AA9MY	WD5IYT	KR4UA	WA3TLT	AE4TQ
104	AB8JH		M5MYH	WB1GQR	AK4F
AB9YC	AD6KH	100	N4FV	WB2YDS	K2CK
AC5K	K0HAQ	AC0FT	N5OHL	WD0E	K2UF
AC5RN	K3HW	AI2S	N7HRT	WH6LR	K2UNK
AC9QR	K5VR	AI9U	N7JPF	WT5H	K4EQH
IK4DRY	K9AM	K2UA	N7TE	WV5Y	K5CRJ
K5PPP	K9OHI	K4UQC	N8GHZ		K8EMR
KB9RNO	KA3ZLS	K5GM	N8YV	97	K9OT
KC2TR	KB8CR	K5KV	N9MKC	AB8M	KA2NDX
KD9GKL	KC6WFS	K8IJ	NB5R	AJ9C	KA3HED
KJ7OG	KC8DMN	K9CC	NH6CJ	K0HB	KB5GI
KM6WXB	KD8NYO	KB9ZLB	NI5W	K0JQZ	KB8PNS
KO4LZ	KE1AU	KC2HLI	NS2P	K0QEI	KC0HBP
N0STP	KJ4M	KC8CC	VE2HAY	K0SH	KD6PY
N1LDY	KR5V	KC9CMT	W2HOG	K0YQ	KI5TE
N2FBQ	N1HOQ	KD3SW	W2VU	K3HZO (FN20)	KM2O
N3UPS	VE7ZD	KE5CVM	W5JLC	K4GTR	KM5NU
N7AGF	W4RVZ	KF0Q	W6TJU	K4JQU	KS4V
NJ1H	W5DPT	KG5X	WA1LAD	K8XF	KT5RR
VE2PIJ	W5OV	KJ5OA	WA5TRX	KA2BSK	N0WVU
W1TE	W7UT	N3TBB	WB5NHX	KA7EII	N2LID
W1ZE	W9NFL	N4NIA	WB7VVD	KC0YBM	N2VHZ
W4KVS	WA8EQP	N5RZK	WK5X	KD5CKP	N2XK
W6ZQ	WB5FDP	N5XTR	WW2R (EL09)	KF4KSN	N8PAQ
W9MDB		N7EME		KM4NYI	N8YBY
WB2VUO					

NT2A	WD8DOT	WA7LHZ	WB5CON	KC8LGL	WA8OJR
NW5Q	WS4S	WA9BXB		KG4QWC	WD9HCF
NY2Z	XE2AT	WT9U	92	KI3O	WE7H
VE2DCP		WV7S	K1EY	KI5BLU	WEST SEATTLE AMA
W1HMM	94		K5GDX	KM7N	WH6LE
W4KK	AA4RP	93	K5TDA	KM9I	WT4C
W4TMR	AB4VT		K7FU	KQ6K	XE3/K5ENS
W7JHS	AD1DX	AG2A	K7HKR	N3PPH	
W8DM	HK4SAN	AG6CV	K7UWR	N3WCM	89
WA3EEC	IK8YTA	AI8F	KB0PQP	N7CZ	AB1TZ
WB0M	K0ARM	K0IW	KC4JNW	N8DEZ	AG2AA
WB5KJE	K3BEE	K1PTF	KD4QMY	NA7L	AG7NR
WP4LNY	K3TUF	K1ZK	KE4WBO	NR4J	G4NBS
	K4JRK	K2AK	KG4URP	NU4N	JQ1TIV
95	K4LDC	K2MTS	KM3V	OE9KFV	K4BMM
AE0G	K4YJ	K4DAM	KR7X	W2SUB	K5CX
AE5EO	K8GT	K5TRI	N0RC	W4MLN	K5JAZ
K1PNQ	K9DOG	K6RM	N2SG	W5KDA	KA0MWA
K4ED	K9SUL	K7IP	N3GH	WB0NRV	KF4TVL
K8KFJ	KA2F	K7TRK	N4VN	WB7X	KI0G
K8ME	KA9UVY	KB0USF	N5QO	WC4V	KI4FW
K8VD	KB7AK	KC5TGT	N6FD	XE1GZU	KI4US
KD7WH	KC0AUY	KC5TT	N6RPM		KR4U
KD8DR	KC3AK	KC9TTR	N7DED	90	N2GZ
KD9ZR	KD4VRZ	KC9UL	NS6E	AA0LM	N5KAE
KF6XA	KE3WM	KD0QG	UT5JAJ	AB4WL	N8YSZ
KI0SK	KF0LA	KE6AZX	W1PV	AB9DU	N9RG
KW9U	KG4NLZ	KE6UMW	W2ACY	AF5BG	N9UDX
N1XK	KU4JZ	KE8RPJ	W2CVW	DL1SMA	NE2U
N2SLO	N0LNE	KI0J	W3ACO	JH4JNG	VE3VCF
N2WLS	N0LP	N2BX	W3HZU	K1HC	W0HRO
N3WAV	N2SU	N2YTF	W4BP	K1KA	W1HY
N4ET	N3JBH	N3AO	W4LIA	K3CWF	W2JEK
N5BLY	N3XBG	N3ZBK	W6NS	K3UAL	W2OK
N5ENU	N3YUG	N4GOA	W8JV	K4AAP	W4ZMM
N5KI	N5ZMP	N4YHC	WA3JKB	K4FTP	W6VNQ
N9IV	N6HY	N7EGY	WA4EEZ	K4XZ	W9HT
N9LJX	N6MXU	N7JI	WM3O	K8EAB	WA7SDI
VA3KS	N7NH	N7KSI		KA5TJI	WB3IAL
VA3PZ	N7UN	NA9D	91	KB5FHK	WM6Y
VE3KZ	N8WWM	VA7QI	AA0CW	KB7BSA	WQ5C
VE3SPW	N9DD	VE3WMD	AD3Y	KK4DZP	WR5AY
W3UA	N9UNX	W0MHK	CO2WZ	KW3DX	XE2NL
W4YZJ	VA3MA	W2VTV	K1UR	N2ULL	XE3DX
W5ADA	VE3RX	W3ZGD	K4SPA	N4BRF	
W5CBF	VE5MX	W4GPM	K6YK	N5BA	88
W5RCQ	VE7AB	W5DMT	K7HPN	N9JJ	AA4QE
W7JWC	W2GR	W7EIR	K8OI	N9MSG	AE0DX
W9SX	W3IPA	W7TRX	KB2YWU	VA3XOV	AE4OF
WA2ONK	W3TA	W9IFW	KB3IAI	W9CPV	AF4MI
WA3I	W4LNG	W9NED	KB3NDS	W9CSY	K1RS
WA4WR	W5ODD	W9WI	KB7AZ	W9HBH	K3TN
WB2SIH	W5PUF	WA5ICA	KC5POV	WA2BEV	K4XD

K7CTV	WF4W	N2NWS	KR4Q	WC6DX	W4CCS
K7WV	XE1RBV	VE2WBK	KW1DX		
K7ZYV		W8PU	N2NS	73	64
K9JF	86	W8SGR	UW5ZM	G4FKA	JG2TSL
KB2KIR	AG1T		VY2HF	JF1IRW	
KC1GWX	K7FB	83	W5TTY	SV1RK	63
KC3MLC	KA9OKH	AA6E	W6TCP	VP2MJD	EA1DR
KE7RTB	KB7JJG	DL5XJ	W7AM	W4WT	KB0RFY
KE8UM	KI6HQT	K1LH			
KI2D	KN4MMH	K4SQC	79	72	62
KI4RFM	KP4TB	K6JJ	K4RW	AB1QB	IZ8EDJ
KJ4KW	KT1R	K8SIA	KP4N	N4II	K4DXA
N1CEO	N2NF	KB3HHA	N2COP	PV8ADI	SP5QWB
N2MKT	N3MVF	KB9LIE	N5YJZ		
N2ZN	N8TFD	KK7BV	N9RC	71	61
N4CAG	NZ3O	KU4WW	VE3CFK	HB9EFK	CU3AN
N4GN	VA3MDB	TG9AKH	W2GW	K0GW	N0GVK
N4KIN	VA7LM	W7USB	W2SKI	K4GK	UX1UA
N4UC	W8IW	WD6T	WN0L	K5WPN	
N5VBK	WA1PMA	WD9IOK		W2YR	60
NS3X	WA4USA	WI6Z	78	W3FGP	KP4JFR
NT4TN	WB4GCS	XE1MM	K2QPN	WC5M	S55DX
VE2VLJ	XE2AU		TG9AWS		UR9QQ
W2BZR		82	W4NE	70	VK4CZ
W3YX	85	AD4IE		GI4SJQ	
W4DL	EI3IO	CB0ZA	77	K4BNC	58
W4R XR	K1UU	K4JMX	K1IFJ	KC0ZRX	HB9BIN
W7HDD	K4LRP	KA5WSS	MI0AYR	W2LV	KC6NBI
WA2BTR	KB3MXK	KC5YKX		W2QO	SV8CS
WA5MD	KC0V	KG4KVZ	76	W4GP	WA2MUA
WK3N	KE4DRF	N1SF	K0WYN		
WV8O	KK4AND	PU8TEP	KI4CYB	69	57
XE1SOV	N2RJ	W5DAS	KI7WXP	K3WGR	HL2EIZ
	N4LS	W7YOZ	N1GNB	WD4LBR	IK1ZOF
87	VE3GFN	W8GG	N2MH/4		N5LJL
AC0A	VE7DAY	WA2ONG		68	
AG4I	W1WV	ZS6NK	75	AA4S	56
K4JC	W3STU		G4RGK	EH7CD	KI5WA
K5UZ	W4IT	81	K3PP	K6CF	LU8ADX
K6UIP	W4RA	AB4I	K8QM	KW4OV	NI6T
KB1VUN	W6ST	KE4DZU	N5GH		
KC8NAH	W7SIR	N6MM	NP3YL	67	55
KE6WOX	W8DQ	N7NEV	W5UC	W7YED	JL3MCM
KI6RRD	W9QY	NI4Y	WP4NEG		LA3MHA
N0ELA	WA4WKL	W3MC	ZL3AAU	66	US5WE
N2CJN	WD4LSS	WA4ZXV		K6KLY	WA2EMF
NA5DX	WF4R	WA8ZNC	74	KK4YEL	
NE5S		XE1EE	AK8B		54
NI5F	84		CX4AAJ	65	AG4KI
NN7RM	CT3FT	80	KF2TI	JA1XEC	
W8GOC	K4EZY	AC6BW	LU4FPZ	K5EJ	53
WB3IGR	KE6NDG	K7FR	TI2CDA	N7UJJ	K0BBC
WB8JAY	N1KI	KE4PT	VE6SO	OK1MP	PP1CZ

51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	OH3DP	18 AJ6V KJ4EU OE3SGU VE6TA (DO31) W0HBH	DL1TS DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB PY2DV PY2GM SP5XMU	EA8MT EI2JC JA7NGE PY2VA
50 N6DW	37 BA7NQ JA9APS	27 IZ4DPV KC9ELU WP4NIX	17 G3LZQ PY2XAT W0JM	5 DL5LH EA1AAA EA7ZY IK8GYS JE1LFX JI5USJ JJ1IDW KB8VAO EN91KT M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	
48 G8BQX JA9KRO K5XI KI5KC N6DBF N8MR NP3IR YY4DNN	36 JA1WSK JH9DRL OH4UI	26 WB7QXU	16 N6VHF	10 DL4CF HB9BOS PA5KT SV2DCD TF3Y UR7DWW	
47 HB9RYZ	35 GI4OWA HA5PT LU9DO	25 EA4/K1WE	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN UT3UA UX0DL WC2C	9 DL7BA EB1EWE EC7ZK G6BFP JA1MZL JA2FGL KB4YKC KD3UY	
46 LU2DX	34 G4SEU HB9ALO LA2QM UR5WA	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	14 HB9FMN JA2XCR KB8DVT PV8RR PY2OC W9TTY	4 CT7/RC2A EK/RX3DPK F1DFR IV3GOW JG1JPE JH7IPR JK6DXD S51NM UT5EL XE1SAX	
45 JA6WJL K4TXJ	33 HL2IFR W8GC WB4SON WB8TGY (EN722)	23 GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK	13 K4WY PY2MC W4PWF	8 DK2LO JA1CPU JE3PCP N8RO OH8LXT	
44 WO3T XE2YWH/1	32 N3LRH NP4TT SM6WET	22 9H1SP IZ3ENH	12 EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW PA7RA ZS6WB	7 G8APB HB9GWJ IZ0INX JA2NDQ JI2UDK JJ2NWI LA3DV N5ORT NJ4Y ZS4TX	
43 8P6SH CT1EEN HB9RUZ K4ZIN SV2AEL	31 E72X JL3LSF JO7WXN WA6DNR	21 EA1YN	11 A65BR	6 CT2FEY DH0GSU DL1TRK DU0A	
41 K0BBC/R N6PAZ	30 E72X JL3LSF JO7WXN WA6DNR	20 CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA		3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ GM4CFS HA9PP HL2ZN IK0WRB IK3ITB IK8EPC IW3GJF JH7IMX	
40 E75AA JF1LMB JR0QFA WB8TGY	29 HL2WA JE1VTZ OE4VIE SP5APW	19 EA6BB JI4WAO JR3UIC PY2HN SP8NR			
39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI				

JM1GHT EA3WD
JN1BPM EA4GQS
JR6IQI G4VSS
PY5IP G6MXL
SA7CJO G7SQS
SV1VN G8TTI
W1CBY IK5BSC
WD9EWK (DM43)W0AFS
YB1TJ IZ0BTV
YL2CA IZ3DBA
YL2MU IZ5FSA

2

JA1GZK
JA7DPC
JA7VXB
JH8XVT
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW

K7LY
KEN IN NEBRASKA
LA2CQ
OH3KAV
SV1XV
SV3FUO
YB2DX
YL2KF

1

3A2MW
9A2EY
BD4UJ
CT1AHU
DH8BQA
DJ3ZF
DL2DCX
DL4ZAB