

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 (18 Jan 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	W5ADD	484	473	460
AA0MZ	W5AFY	AD6D	N4TB	K4SO
AA5AM	W5AJ	K7BG	NQ7R	KF0M
AA5C	W5EME		WB0O	
AA7A	W5FF	483	472	459
AI5I	W5KI	AC0RA	AI1K	N5NA
K0GU	W5OZI	K1USA	KB7ME	
K1TOL	W7GJ	W0VTT	ND4X	458
K4PI	W7JW	W5TRL	WD8JJA	K9NW
K4XO	W7KNT	WB0ULX	WE9R	KG5THG
K5RK	W7MEM			N9BCA
K5UR	W9FF	482	470	NA6MG
K5WE	W9JN	K0BJ	WO7R	
K7CW	W9RM	KX4R		457
K7ULS	W9XX			NI0G
K8SIX	WD5K	481	468	W3UR
K9CT	WQ5S	KC7QY	VE3EK	
KA9CFD	WS9V	W9VHF		456
KA9FOX		WA7HQD	467	N4QS
KD5M	487		N5EKO	N9PGG
KG5CCI	K0SIX	480	NY0V	W5THT
KM0A	K1TO	K5GZR		
KM0T	K7MAC	N4WW	466	455
KO9A	K9YY	XE2OR	KA0JGH	WA9DU
KR7O	N0AKC		KB6NAN	
KV5W	N7CW	479	WB9CIF	453
N0LL	N7IR	N5WS	WX7M	K4YMQ
N0LWF	N9ISN	W5WVO		K7PI
N0PB	NA6L	W9RN	465	KB9DAK
N0TB	W3IP		XE2K	
N1AV		478		452
N3SL	486	AD1C	464	N5BO
N3XX	K5ND	AE5B	KB9OWD	N9BX
N5DG	KY7M	AF5CC		NE1B
N5OMG	N0KE		463	
N6JV	N7KA	477	K4MY	451
N7NW	WD5COV	KC7V	W5XC	AJ4F
N9LB	XE2CQ	N5KO		K5WBM
N9UM		N7ZO	462	KD3CQ
ND0B	485	NC6K	K6ZH	
W0FY	K0TPP		N6ORB	450
W0JW	K9MU	474		KF8MY
W0LGQ	N0POH	K7KQA	461	
W3CP	W5VY	W6XK	N4JQQ	449
W4UDH	W5ZN		NA9RB	KF6HI

W8TN	436 N4QWZ N9FN W3TC WB8ART	422 VE6WQ WB5JID	W5PR	393 K1GG K7XC
448 KP4AJ W3LPL		419 K7NN W0GN W5AL	406 AK3E K6FG K8EB KB0V N4UFO	392 AF4HX W6OMF
447 AH0U K3SX K4HB KS7S N4SC WB7CJO	435 K5XI KF6A	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A W4AVY
	434 K1SIX K8ROX	416 K4RWP K7ND KO4MA NI0P WW1L		390 KZ2I
446 K1HTV K6EID	433 W3LL W9WO	415 K5OMC K7AWB W0GJ	404 N2ZX VE4EAR W5SUM	389 AB4SF
445 K4XP KU7Z N4LR N8OC XE2X	432 K6G XO N6KK	414 K0DEQ N0GZ	403 NH6T/W4	388 K0IP W4WRL
444 N7BAV	431 K0TLM	413 AE5FM WA9LFO	402 K3FM K7SMA	387 KV4T N4CH
443 AB4IQ K8ZM N4MM WB8ZBT	430 K1TEO	412 VE2XK 6M FN07PJW3UUM W4TV	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
442 AG9S N2QT N4TL	429 WA5JCI	411 N9EAT NZ3M	400 W0JRP	385 NK1K VE6MB W4WTA
441 K8TB K9KLD WA1EAZ	428 K9APW N2NL	410 KE7SW KE8KMX KI8G N4HN	399 K8JH	384 K8ROK W7FI
440 W2IRT	427 K4ZOT W0RH	409 AA1ON N1EVK N5SYV	398 N8IEZ W1NG	383 KI0E W5MO
439 NM5U	426 K8ZR N5OK W5JAY	408 W7BA	396 K6VHF KB8U	382 K5PI VE3YXO
438 K9MK	425 K6ML	407 W4AS W5CIA	395 AA5XE K0AZ KF7CQ WB4EVH	381 AG4W W3VZ
437 K5RT KK4MA N5TJ	424 N4UFP N9AKR W3EP WB8BPU		394 AA5JF K2TER K6RO KT8O	380 K7MCX NE6I

WA5LFD	367 AA4ZZ KC4HW KR4BD W7Yaq	K0CS	339 KE4BKL VA7FC W5VAS	VA3IKE VE1JBC W9GM
379 AB9BH N8WNA W6TMD	366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
378 WR7X	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
377 AB1OC NT9E WA1NLG	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ W2OR W8WG W9DCT WB4KTF WX4G
376 K8GI K8VfV N2WK N3OC	363 W4NH	349 KA0BAD	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
375 K6QG WB4OQX	362 W1JR WA5OLT	346 N9XG W8LMG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA
374 K0TT KV7K N6GP N7DB	361 AC9DX K8BL K9NR N1KDO N7MB N8KOL NG4C	345 KB1EFS N0FJP VE7BV W3XY XE2YWH	333 AA4LR KM4HI KN4NN N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
373 K4SSO NY1V	360 AA4FF K6UM (CN85)	344 K6FW KB0PE W1OW	332 AA7UN N4JDB N7KDT	325 WA2AEY WX0Z
372 JA7QVI	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO		324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY
371 N3PS WA6BYA	357 K4Lvv	341 KD7DCR N8HRZ NX7U WA7YAZ		
370 K5TN KN4SM KS4YT N3MK NT0V	355 KD5XB	340 KE4TH N0AN		
369 KF8UN N2DPF	354 N3AIU (DM45)			
368 K0DD W5RCI W6GMT	353 AF2K			

323 N8II W8KEN WO2T	311 AC9S KM3T KS4XQ W2BZY W5DB	WA8ZID WB0TVY	291 KS4S W1WHL W2CCC	JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	310 K1ST N1NK NJ7G W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF
321 NC7B NS4C W9VA	309 AA9RR	299 DK8NE VE6WK W1LE W8UV WB5GVY	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ XE1YY	279 N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	308 WA4HFN	298 KD4WSC N4IQ	288 K1NU N6AR W1DU W4HLR	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N
319 KF2T N7US	307 AG1A KE5K W3ATV W9RPM	297 KE8Y KG5EIU N8YQX N9LF	287 K8DP KC7MRQ N8CGY WA4NVM	277 AC7JM K5KEW PV8DX
318 W4HY	306 K4QE N0LD WB0OQV WV9L	296 JG1TSG K4XR K6YUI KC7RW	285 K5CZD K9UO	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD	294 K6JSV W7IMC	283 K2BLA N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH
314 KU4XO VE3XN	302 KB2TGU N3KN	292 KJ6P W1SSN	281 AA8MA	272 KF8QL KO4PRE N4SV

271 K7NII KB7FUV W3HHN W3SW	K9AAA WB7QBS	255 K8MVZ KG4JPL NI3K W0NOZ W4HFZ WA8KNE	K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO
270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q VE3OTL WD5ITW	245 N1IA N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX
269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP	253 KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W
268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD	252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT
267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA	251 AD5JK KG7NV NN4SS W2LV	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KL0S NW6R	241 N6NU W5LO	232 IT9IPQ K5FO N9NJY
265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ	240 AB5GU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT
264 AC8L K4JAF N0TK NF1O	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
263 AK4PR		247 N5DD W3TEF	238 AA3GM JP1LRT	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX

W5LUA	N4ION	212	N5ITO	197
228	N5UWY	AB5C	W8QID	K3EGE
K5RUS	W4IFI	JF8QNF	204	N4BAF
K7HSJ	W5JMW	JR3REX	LU2DX	W3TW
KF2ZQ	220	KF7NN	WA3DRC	W5CTV
N8AIA	K7BTW	N1SV	203	196
W5HEZ	KK8MM	N2OA	K0VSV	K0AIZ
227	N7XCZ	211	K5HYT	K0NR
JM1SZY	219	K9FOH	K5LOW	KD3HN
K3HPA	K1DT	NE8S	N0HF	N5DUW
K8ZT	K2RKJ	VE3SMA	N8SYF	W2AMR
K9TF	KE5RV	W2ZDP	W1RM	XE2ED
KS9A	W6DPD	W5HNK	W3SZ	XE2W
W4KXY	W7ZSL	W6AER	W9GFB	195
XE1GLL	WB2WIH (FN20)	W6KAP	W9VOB	AA4W
226	218	210	WA1KPD	JA7MSQ
AF5WN	K1XH	K3MSB	202	K2WJ
GD0TEP	K4IJQ	K9YC	K1BZ	K6VDP
N7CNH	K5HPT	KL7NO	K5GJR	KG6WIK
N8UR	KB8KVJ	N1TQ	WC7X	194
NM5S	KC0VDY	N6UK	WF8Z	K2MRK
W0VX	NA5C	WQ9T	WQ5W	K3EA
W8RD	217	209	201	N3FA
WQ6Q	ND4V	AA4IB	AA7WB	N9NFT
225	W4DEE	W5WGF	KC5FP	WF1H
AC9O	216	WA4NFO	KO9V	WK8A
K9QJ	K7RB	XE2N	KR0I	193
KX9X (EN50)	N0IS	208	NN0K	K7PT
N2WSY	N6PM	AI2N	NR2C	K9AB
PV8AZ	NE1F	CO8DM	WA1MKE	192
W8AKS	W1AW	KD5HIO	WA9ASZ	N1LF
WN6W	W5RWF	PV8ABC	200	N2NB
224	WA2OTC	207	4A2MAX	N3CAL
JA8ISU	215	N1BCL	K4YJ	N3NR
NJ8J	AL7OC	N8NJA	N5AO	N4LXB
223	K2SX	206	N9AG	N4TV
K7UA	KI5FJ	AB0CT	VA3VU	W6MTR
NJ7A	N2YU	AK4Y	199	W8FN
222	N6KW	CT3MD	N3KFV	191
K0YY	214	K4GHS	W4OEP	K0ITC
K2TV	KB9PJL	K9YC (EN61)	WB0YEA	K9CS
K3AJ	VE3SYK	KB0LYL	198	KK6OH
KA1LMR	WA7AJ	NA5Q	AC8TO	N9AMW
KD4K	213	W0BNE	JR2HCB	WA2BKN
WA2BOT	K3DFL	W4EJG	N0UK	WA5CAM
221	KI6X	XE1J	N7EPD	WD4JHD
K5WMH	W0NBC	205	NX0I	190
K6CQR		AF4OD	W8DM	K5DB
N0PSJ		K8SD	WA7KYM	K5ER
		KE4HOA		KC2DLD

N9UA	K8WK	176	W4JKC	162
W1ATV	NZ1I	AD5ZA	WK3V	AF4GK
W2OO	W9JJ	EA5BY		K0QB
WB0DBS	XE1CL	K0DI	169	KA1R
		KX9X	K6XC	KD4TDI
189	181	N5QGH	KD5OMJ	N5SIX
KC0MEA	AB9FN	NP4BM	N2BEG	W9JJB
WA5VKS	K4CMS	W5AFD	N5XES	W9VS
	K5HDE	WA5IPS	N7PHY	WA1Z
188	KB8YKR	WW2R	VE3HHT	WB0WAO
AD7KI	N3XJX		W8KNO	
KD4HLG	N4DTF	175		161
W4AZR	N9MSG	PV8BR		K4EA
WA7VHF	NY0A		168	KB3CWQ
WU9Q	W4RBO	174	KG5ZMQ	KK9M
WX9M	W9BS	K3MD	W2PD	N2YBB
	WJ1B	K6WRL	W8WEJ	V44KAI
187		KC6ZWT		VE3LC
AA8R	180	KG7P	167	W4HOG
KQ0J	K0OST	KU0A	K4MQG	WA1LAD
	K4LYN	N1MGO	KB1YNT	
186	KC1MMC	NA2NY (ex-NA1VT)	KB9REV	160
DJ5FI	N1RK	NA6O	KE5EP	AB1QB
K6ZZ	N6PEQ	W3SO	LU4FW	JA1AFR
K8PT	N6VH	WA2PNI	N0NHW	K5IQ
K9SG	W5HI		NO0T	
KN4PPD		173	TG9ADQ	159
KN7K	179	K2ZZ	W1BAT	G0OIL
N0XLR	K1EP	K5YPV		K4MZ
N6ZE	KU4WD	KE4SCY	166	NS7B
	N0LIE		I0WTD	W1EME
185	N0MMA	172	JA1OVD	W4TTO
AD6W	NH7RO	AB9KZ	KC2GHT	WB8NUT
KD5BQT	VA3DPB	K5ZED	N5VU	
KU4UC	W8LHP	KI4PKW	NC4RY	158
NA2R	WA4QMQ	KJ6HI	VA3WEB	K8CR
PY5CC		VE2PN	WB4KXS	KI0D
W3OU	178	W4ABC		N2CG
W5BPT	KA2AYR		165	
	KB0EO	171	K4DXT	157
184	KB1RZA	AA4PB	KD5HPT	K4FX
4O3A	KG5RJ	HP2AT	N1JFU	KB8GC
AF5Q	N1ZUK	KC5GSK	W0RIC	KC2WUF
K0DEW	NQ2O	KC5YCH		WA7NB
KR4M	VE3NRT	KI4TZ	164	
N1IBM	W0ZY	NS3L	K2SD	156
N4BG	W1MAD	W1PX	K5VWW	K2KJ
	WY7FD	W6IA	KD0UHN	K9OHI
183		WA2KBZ	KF9US	N3RN
K5RQ	177		W4CSW	N9KO
N0UBL	AG4ZE	170	WK7G	VE7V DX
W2UDT	K2QQ	K9TVG	WQ7F	
	KI4BWW	N4GBK		155
182	NY4I	N8CN	163	AE4M
AJ6T CM87	SM7FJE	NA2U	K2JF	CT1BWU
FP/KV1J	W5ZG	W1MJC	K2YSY	K3TD
K5GMX	WA8UEG	W4IHI	N3FX	K6XN
			N5XZ	

N5RMS	K7IU	WB0MMC	KE3D	132
N7AU	KB2YSI	WM5H	KE8RO	AB3CV
N9OBE	N0TM		KQ4KX	IC8TEM
TG9ANF	N1TOR	142	N3XH	K5VG
VA3NQ	N5ZBI	N2ZA		KW4G
WV8DX	W6VNIQ (CM88)	NA2X	137	N4PPH
	WB6RAB	NC4VA	N1SZ	N7TP
154		W5SWV	N5JGK	N8IK
AE4NT	147	WA5TKU	SM7AED	NE1I
KB9VMW	AF6AV	WS4V		VE3TM
KD2NF	IZ1LBG		136	WN6K
W3ZQN	K6PSP	141	K0XXX	
	KC1BUF	JA6RJK	K4SX	131
153	PV8AJ	K4AR	KC5LK	JR1BAS
AA4NC	VE3CX	K9ATX	KC9AXZ	K3NAT
AB4GG	W4YCC	KT8TD	KJ5RM	KG9R
K7AD	W5WOX	N9FIV	KV1E	N2CJ
K7ZD	WA0VPJ	NV4B	NO1R	TF3JB
N1OFZ	WA3YGQ	W4FS	W2JCN	
N2ADV		W4POT	W4AVV	130
N2WM	146	W6ZI	W7UV	AB0X
N6DHz	K2GW	WB9WHQ	XE2JS	JA3LZS
W3DQS	K8YTO	WR7AY		K0GUR
W5FI	KB0YH		135	K4JKB
W9ILY	KB5ZEA	140	CU3EQ	K8LG
WB5ZAM	KC2TN	AC5DK	K4MWB	KC4NX
	KM5TY	BA4SI	K8ZIZ	NG9R
152	N4HID	CO2WF	LY3W	NO8D
AA6I	VA2RC	K7SAM	N4DB	VE1DX
N0RC	VE1VOX	KC0MEZ	N8XE	VE2Tzt
N1NUM		KC8TMU	W6BXQ	W0PHX
NU1T	145	KJ4KVC	WB8BZK	W2LES
UT7QF	KD7YZ	N1EN	WW2DX	W3FEY
WO4G	V31MD	N3VOP	XE1H	WA2SEI
	VA3TTX	NJ0U		WB4YDL
151	WA4JA	VA3FLF	134	WW5W
KO0Z		VE3KY	AB1NS	
OE6IMD	144	W4TUN	AB4GE	129
W1ZT	K0TLG	W6DQ	C6ABB	8P6ET
W2DXE	K5TDW	WA4KXY	GM4UYE	JF4VZT
	K6JRA		KE5FXE	K0KD
150	K8MN	139	KF6UFO	K5QWO
N9LAH	K8WU	IZ8FFA	N3AIU (DN70)	KC8KSK
VE3OAT	N9DI	KC7JPC	N8GOU	KF4NEF
W7APM	W5MPC	KU0G	W4TKI	KM5LY
	WO7GI	N7T	WA3WZR	KM5SC
149	YV4NN	NA2AA		N9WBR
AB6CF		NZ6N	133	
K4SAN	143	W4OV	KA5ETS	128
KK9H	K0KVR	WB2JIL	KC1RET	JR2LJO
W3UA	K6JBH	WY0V	KE1VT	KC7QAG
WB4VHF	K9QFR		KM8V	KJ6SDF
	KB8RJS	138	W0RT	KN4DMN
148	N8URE (FM19)	AC0XY	W4GE	N1SFE
AC0DQ	NA1VT	AI6O	WI5D	W0WT
AG0A	W0HNM	KD7WPJ	WW7Q	W5DM
K0RU	W0UHL	KE0A	XE2O	W5ZO

W8FR WB2WEO	W1HS W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	WC7V	110 EA4DEI G4BWP K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP
127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X KW4BY N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK WB2KSK	114 AC8HU K2RET K3RTU K9AAN KC4GCK KG9Z NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO WO2C WX4US	109 AK6ZZ IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA KZ7N N8TMW N9TTX VE3AAQ W0YJT W1OP W4ZRZ W5MPC/1 W7RJR WB6YIY WB9W
126 KJ7G N0BDS N7DGI WB4HUC YL2AO	121 AE1P K0MFI K4HBI K6USY KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	117 AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXX	113 AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC	
125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	116 IK7EOT K4RGN KI6QDH KU5B N0VR NO0B W0DHB	112 K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV W9PN WA8TWM WG3K WX3P XE1GK	108 CF3VRQ JA9IPF JP7EIP K5OPB N3MWQ VE3SUB VE7IG VY2RU W4AMP W4CRN W5AAJ W8EH W9VNE XE1R
124 K0DLW KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W6SCQ W7YM W9CDL	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ	115 K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO UW5ZM VK9DX WA3BZT	111 N0SLT PC3T W8GBH WZ8P	107 JA3EGE K5UIC KF7PG

KI9A	AC9QR	K9AM	K8IJ	VE2HAY
KK4LUM	IK4DRY	KA3ZLS	K9CC	W2HOG
N3TTT	K5PPP	KB8CR	KB9ZLB	W2VU
N9OI	KB9RNO	KC6WFS	KC2HLI	W5JLC
NF0T	KC1LXO	KC8DMN	KC8CC	W6TJU
US0KW	KC2TR	KD8NYO	KC9CMT	WA5TRX
W2TTT	KD9GKL	KE1AU	KD3SW	WB5NHX
WB4PPW	KJ7OG	KJ4M	KE5CVM	WB7VVD
	KM6WXB	KR5V	KF0Q	WK5X
106	KO4LZ	N1HOQ	KG5X	WW2R (EL09)
K0MEI	N0STP	VE7ZD	KJ5OA	
K5BJW	N1LDY	W4RVZ	N3TBB	98
K7BWH	N2FBQ	W5DPT	N4NIA	AC2RL
K7JE	N3UPS	W5OV	N5RZK	AD8Y
KB0TIJ	N7AGF	W7UT	N5XTR	K0KC
KC7ICM	NJ1H	W9NFL	N7EME	K0UD
KE5JXC	VE2PIJ	WA8EQP	N8COP	K3IXD
KJ6MBW	W1TE	WB5FDP	N8XS	K3QIA
KK2DOG	W1ZE		VP2MRM	K4OP
N0RQ	W4KVS	101	W2CH	K5HOB
N1USB	W6ZQ	AE7V	W4/KL7GLL	KA1EKR
N2IPH	W9EBK	K0IN	W4OZK	KE4LGL
N4CE	W9MDB	K0SBV	W8BZY	KG4YOU
N5FPW	WB2VUO	K0WJ	W9DQ	KG7E
N5YHF	WB8BZK/VE3	K2NUD	WA5TLP	KJ2G
N8HM	WL7OU	K5DWI	WV9E	KK0CQ
N9XMU		K5HX		KY0Q
VA3OKG	103	K7SYS	99	N0JJQ
VE3AJY	AA5CK	KB1JDX	AB0SD	N1JHJ
WB6VYH	AB0YM	KB4KBS	AB3TM	N3LRP
WE2DX	AB5SS	KC6AWX	K0YO	N5TEY
WQ9F	K2OY	KC8CSD	K4KEW	N8AID
	K4MVL	KG8WB	K4WQ	NO5X
105	K8ZEE	KG9IL	K4ZO	NO8R
AC4Q	KA1W	KL2R	K5VPQ	VA3VF
DS4EOI	KB0FHP	KR4WM	K7DD	VE4XTZ
K4SJA	KB2SGX	KR7LD	K7PAP	W2KRP
K9MAL	KC9FFV	N1IX	K9ZZE	W6TE
KB3JGS	KF0AIJ	N4AOE	KA0ZEE	WA2FGK
KC0JYT	KF4DVG	N8VEA	KC2IEB	WA3TLT
KC4KK	KR4NO	N9DVS	KC6X	WB1GQR
KF4DGS	N0YXE	ON9CMR/W0	KD4MWO	WB2YDS
KJ7TH	N1JIF	VA2LGQ	KD6RUH	WD0E
N4NQY	NF6P	W4LLP	KG9AP	WH6LR
N5SAN	NN2D	W5KBD	KR4UA	WT5H
N7YY	VE7DXG	W7ISG	M5MYH	WV5Y
NE9O	W0TF	WB8IMY	N4FV	
PU4JOE	W3LEO	WD5IYT	N7HRT	97
VE3VRQ	W6IT		N7JPF	AB8M
W8MIL	W6XU	100	N7TE	AJ9C
W9RVG		AC0FT	N8GHZ	K0HB
WA4MYO	102	AI2S	N8YV	K0JQZ
	AA9MY	AI9U	N9MKC	K0QEI
104	AB8JH	K2UA	NB5R	K0SH
AB9YC	AD6KH	K4UQC	NH6CJ	K0YQ
AC5K	K0HAQ	K5GM	NI5W	K3HZO (FN20)
AC5RN	K3HW	K5KV	NS2P	K4GTR

K4JQU	N2LID	WA3I	W7NX	WB5CON
K8XF	N2VHZ	WA4WR	WA7LHZ	
KA2BSK	N2XK	WB2SIH	WA9BXB	92
KA7EII	N8PAQ	WD8DOT	WT9U	K1EY
KC0YBM	N8YBY	WS4S	WV7S	K5GDX
KD5CKP	NT2A	XE2AT		K5TDA
KF4KSN	NW5Q		93	K7FU
KM4NYI	NY2Z	94	AG2A	K7HKR
KT5WB	VE2DCP	AA4RP	AG6CV	K7UWR
N1VMJ	W1HMM	AB4VT	A18F	KB0PQP
N3UMA	W3VHF	AD1DX	K0IW	KC4JNW
N4BH	W4KK	AK8CW	K1PTF	KD4QMY
N6MA	W4TMR	HK4SAN	K1ZK	KE4WBO
N9APK	W7JHS	K0ARM	K2AK	KG4URP
N9IO	WA3EEC	K3BEE	K2MTS	KR7X
N9KY	WB0M	K3TUF	K4DAM	N2SG
NK7C	WB5KJE	K4JRK	K5TRI	N3GH
NU0Y	WP4LNY	K4LDC	K6RM	N4VN
NV3K		K4NNX	K7IP	N5QO
VA3FIN	95	K8GT	K7TRK	N6FD
W3QT	AB9AI	K9DOG	KB0USF	N6RPM
W4CWA	AE0G	K9SUL	KC5TGT	N7DED
W4DAS	AE5EO	KA2F	KC5TT	NS6E
W4ID	IK8YTA	KA9UVY	KC9TTR	UT5JAJ
W7DN	K1PNQ	KB7AK	KC9UL	W1PV
WA6OSX	K4ED	KC0AU	KD0QG	W2ACY
WA9LEY	K8KFJ	KC3AK	KE6AZX	W2CVW
WB8RVK	K8ME	KD4VRZ	KE6UMW	W3ACO
WB8ZTV	K8VD	KE3WM	KE8RPJ	W3HZU
WB9PNU	KD7WH	KF0LA	KE9V	W4BP
WE8L	KD8DR	KG4NLZ	KI0J	W4LIA
	KD9ZR	KU4JZ	KK7MNC	W6NS
96	KF6XA	KV3W	N2BX	W8JV
AD5OW	KI0SK	N0LNE	N2YTF	WA3JKB
AE4TQ	KW9U	N0LP	N3AO	WA4EEZ
AK4F	N1XK	N2SU	N3ZBK	WM3O
HB9EFK	N2SLO	N3JBH	N4GOA	
K2CK	N2WLS	N3XBG	N4YHC	91
K2UF	N3WAV	N3YUG	N7EGY	AA0CW
K2UNK	N4ET	N5ZMP	N7JI	AD3Y
K4EQH	N5BLY	N6HY	N7KSI	CO2WZ
K5CRJ	N5ENU	N6MXU	NA9D	K1UR
K8EMR	N5KI	N7NH	VA7QI	K4SPA
K9OT	N9IV	N7UN	VE3WMD	K6YK
KA2NDX	N9LJX	N8WWM	W0MHK	K7HPN
KA3HED	PY2KP	N9DD	W2VTV	K8OI
KB5GI	VA3KS	N9UNX	W3ZGD	KB2YWU
KB8PNS	VA3PZ	VA3MA	W4GPM	KB3IAI
KC0HBP	VE3KZ	VE3RX	W4VG	KB3NDS
KD6PY	VE3SPW	VE5MX	W5DMT	KB4YKC
KI5TE	W4YZJ	VE7AB	W5DWA	KB7AZ
KM2O	W5ADA	W2GR	W7EIR	KC5POV
KM5NU	W5CBF	W3IPA	W7TRX	KC8LGL
KR4EE	W5RCQ	W3TA	W9IFW	KE1IU
KS4V	W7JWC	W4LNG	W9NED	KE7RTB
KT5RR	W9SX	W5ODD	W9WI	KG4QWC
N0WVU	WA2ONK	W5PUF	WA5ICA	KI3O

KI5BLU	89	N0OK	N8TFD	KC1UYZ
KM7N	AB1TZ	N1CEO	NZ3O	KK7BV
KM9I	AG2AA	N2MKT	SV1RK	KU4WW
KQ6K	AG7NR	N2ZN	VA3MDB	N6KTH
N3PPH	G4NBS	N4CAG	VA7LM	SV2AEL
N3WCM	JQ1TIV	N4GN	VE7IRU	TG9AKH
N6DW	K4BMM	N4KIN	W8IW	W7USB
N7CZ	K5CX	N4UC	WA1PMA	WD6T
N8DEZ	K5JAZ	N5VBK	WB4GCS	WD9IOK
NR4J	KA0MWA	NS3X	XE2AU	W16Z
NU4N	KF4TVL	NT4TN		XE1MM
OE9KFV	KI0G	VE2VLJ	85	82
VA2BBW	KI4FW	W2BZR	AC9GK	AD4IE
W2SUB	KI4US	W3YX	EI3IO	CB0ZA
W4MLN	KR4U	W4DL	K1UU	K3RJK
W5KDA	KT3X	W4RXR	K4LRP	K4JMX
WB0NRV	N2GZ	W7HDD	KB3MXK	KA5WSS
WB7X	N5KAE	WA2BTR	KC0V	KC5YKX
WC4V	N8YSZ	WA5MD	KE4DRF	KG4KVZ
XE1GZU	N9RG	WK3N	KK4AND	N1SF
	N9UDX	WV8O	N2RJ	PU8TEP
90	NE2U	XE1SOV	N4LS	W5DAS
AA0LM	VE3VCF		NJ1Q	W7YOZ
AB4WL	W0HRO	87	VE3GFN	W8GG
AB9DU	W1HY	AC0A	VE7DAY	WA2ONG
AF5BG	W2JEK	AG4I	W1WV	
DL1SMA	W2OK	K4JC	W3STU	81
JH4JNG	W4ZMM	K5UZ	W4IT	AB4I
K1HC	W6VNQ	K5WO	W4RA	DF3CB
K1KA	W9HT	K6UIP	W6ST	KE4DZU
K3CWF	WA7SDI	KB1VUN	W7SIR	N6MM
K3UAL	WB3IAL	KC8NAH	W8DQ	N7NEV
K4AAP	WM6Y	KE6WOX	W9QY	NI4Y
K4FTP	WQ5C	KI6RRD	WA4WKL	W3MC
K4XZ	WR5AY	N0ELA	WD4LSS	WA4ZXV
K8EAB	XE2NL	N2CJN	WF4R	WA8ZNC
KA5TJI	XE3DX	NA5DX		XE1EE
KB5FHK		NE5S	84	
KB7BSA	88	NI5F	CT3FT	80
KK4DZP	AA4QE	NN7RM	K4EZY	AC6BW
KW3DX	AE0DX	W8GOC	KE6NDG	G4FKA
N2ULL	AE4OF	WB3IGR	N1KI	K7FR
N4BRF	AF4MI	WB8JAY	N2NWS	KE4PT
N5BA	K1RS	WF4W	VE2WBK	KR4Q
N9JJ	K3TN	XE1RBV	W8PU	KW1DX
VA3XOV	K4XD		W8SGR	N2NS
W9CPV	K7CTV	86	ZS6NK	VY2HF
W9CSY	K7WV	AG1T		W5TTY
W9HBH	K7ZYV	K7FB	83	W7AM
WA2BEV	K9JF	KA9OKH	AA6E	
WA8OJR	KB2KIR	KB7JJG	DL5XJ	79
WD9HCF	KC1GWX	KI6HQT	K1LH	K4RW
WE7H	KC3MLC	KN4MMH	K4SQC	K5JBT
WEST SEATTLE AMATEUR	KI2D	KP4TB	K6JJ	KB4DSL
WH6LE	KI4RFM	KT1R	K8SIA	KP4N
WT4C	KJ4KW	N2NF	KB3HHA	N2COP
XE3/K5ENS		N3MVF	KB9LIE	

N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	K4DXA N6ZDH	K0BBC/R KI5KC N6DBF NP3IR YL3HA	UR5WA
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
77 K1IFJ MI0AYR	69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 KC6NBI SV8CS WA2MUA	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW
72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QO) WD5FCP	54 AG4KI	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP
	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	38 DD3KF DG7RO DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX
	62 HB9ALO	51 CT1ETE N8OFS OH4UI	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU
		50 N8MR	36 JA1WSK	25 EA4/K1WE
		48 G8BQX HL2IFR JA9KRO	35 GI4OWA LU9DO	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB

PA7TWO	PY2RN	JA1MZL	F1DFR	IZ8XQC
23	UT3UA	JA2FGL	GM4CFS	JA6AVT
GM4ILS	WC2C	JE1LFX	GM4KHE	JA6SZV
K4SLC	14	KD3UY	IV3GOW	JA9FAI
KP4EIT	EA8MT	S51NM	JG1JPE	JH3MHI
W8MK	JA2XCR	8	JH7IMX	JP1HDK
22	KB8DVT	DK2LO	JH7IPR	K4KZM
9H1SP	PA7RA	JA1CPU	JK6DXD	K7LY
IZ3ENH	PV8RR	JE3PCP	UT5EL	KEN IN NEBRASKA
OE3SGU	PY2OC	JJ2NWI	VK4ZP	LA2CQ
	W9TTY	N8RO	XE1SAX	OH3KAV
21	13	OH8LXT	3	SV1XV
EA1YN	K4WY	7	DF1ZN	SV3FUO
20	PY2MC	DH0GSU	DJ5AV	YB2DX
CX1FK	W4PWF	G8APB	DL2KQ	YL2KF
I1FQH	12	IZ0INX	EA1AR	1
JM1KVV	EA3GP	JA2NDQ	EA4D	3A2MW
N1WC	F4ESV	LA3DV	G3LHJ	9A2EY
PY5EW	HB9DDZ	N5ORT	HA9PP	AJ6T (EM66)
W8LR	IK2RPE	NJ4Y	HL2ZN	BD4UJ
19	JK1UNZ	UR5FEO	IK0WRB	CT1AHU
DL1TS	JN1RQV	ZS4TX	IK8EPC	DH8BQA
EA6BB	N1IW	6	IW3GJF	DJ3ZF
JI4WAO	VE3LYC	CT2FEY	J11CHH	DL2DCX
JR3UIC	ZS6WB	DL1TRK	JM1GHT	DL4ZAB
PY2HN	11	DU0A	JN1BPM	DS5DNO
SP8NR	A65BR	EI2JC	JR6IQI	DS5TOS
VE6TA (DO31)	DL2OE	JA7NGE	KC0Y	EA3WD
18	EA4DAU	PY2VA	PY5IP	EA4GQS
AJ6V	EA4ZK	5	SA7CJO	F1VEV
HL4GAV	G4CTY	DL5LH	SV1VN	G4CFS
KJ4EU	IZ4GWE	EA1AAA	W1CBY	G4VSS
W0HBH	JA2KVB	EA7ZY	WD9EWK (DM43)	G6MXL
17	JA6QHQ	IK8GYS	YB1TJ	G7SQS
G3LZQ	PY2DV	J15USJ	YL2CA	G8TTI
PY2XAT	PY2GM	JJ1IDW	YL2MU	IK5BSC
SP5XMU	10	KB8VAO	2	IW0AFS
W0JM	DL4CF	M1VPN	5B4ALJ	IZ0BTV
16	HB9BOS	MU0GSY	6K5XZE	IZ2CSX
N6VHF	J12UDK	OK1IN	9A2GA	IZ3DBA
SV8CKM	PA5KT	ON5UE	9K2NO	IZ5FSA
TI2CDA	SV2DCD	PP2RON	BV6CC	JA1GZK
	TF3Y	SK6QA	CO6CBF	JA7DPC
	UR7DWW	VE2NGH	DF3VG	JA7VXB
15	9	VR2XMT	DF8FT	JH8XVT
9K2BM	DL7BA	W1ZR	DK1CO	J11HNC
EI2GLB	EB1EWE	W2ZF	EH4BPJ	JJ1PFC
HB9FMN	EC7ZK	YL2CZ	ES8JX	JL2ULM
HB9HIT	G6BFP	4	F5TMJ	JN3ONX
JE2UFF	HB9GWJ	CT7/RC2A	G0THY	KC3KJQ
LU5FF	IK3ITB	DD6UAH	G4DDL	KG4JSZ
		EK/RX3DPK	G8GNI	KH6WI
			GI4ONL	KP4DER
			IK1IYU	MM0INH
			IK2GOQ	OK1UU
				ON6NA

OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW