

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 (16 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 AA0MZ AA5AM AA5C AA7A AI5I K0GU K1TOL K4PI K4XO K5RK K5UR K5WE K7CW K7ULS K8SIX K9CT KA9CFD KA9FOX KD5M KG5CCI KM0A KM0T KO9A KR7O KV5W N0LL N0LWF N0PB N0TB N1AV N3SL N3XX N5DG N5OMG N6JV N7NW N9LB N9UM ND0B W0FY W0JW W0LGQ W3CP W4UDH	W5ADD W5AFY W5AJ W5EME W5FF W5KI W5OZI W7GJ W7JW W7KNT W7MEM W9FF W9JN W9RM W9XX WD5K WQ5S WS9V 487 K0SIX K1TO K7MAC K9YY N0AKC N7CW N7IR N9ISN NA6L W3IP 486 K5ND KY7M N0KE N7KA WD5COV XE2CQ 485 K0TPP K9MU N0POH W5VY W5ZN	484 AD6D K7BG 483 AC0RA K1USA W0VTT W5TRL WB0ULX 482 K0BJ KX4R 481 KC7QY W9VHF WA7HQD 480 K5GZR N4WW XE2OR 479 N5WS W5WVO W9RN 478 AD1C AE5B AF5CC 477 KC7V N5KO N7ZO NC6K 474 K7KQA W6XK	473 N4TB NQ7R WB0O 472 AI1K KB7ME ND4X WD8JJA WE9R 470 WO7R 468 VE3EK 467 N5EKO NY0V 466 KA0JGH KB6NAN WB9CIF WX7M 465 XE2K 464 KB9OWD 463 K4MY W5XC 462 K6ZH N6ORB 461 N4JQQ NA9RB	460 K4SO KF0M 459 N5NA 458 K9NW KG5THG N9BCA NA6MG 457 NI0G W3UR 456 N4QS N9PGG W5THT 455 WA9DU 453 K4YMQ K7PI KB9DAK 452 N5BO N9BX NE1B 451 AJ4F K5WBM KD3CQ 450 KF8MY 449 KF6HI
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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 N5TJ	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	432 K6GXO N6KK			388 K0IP W4WRL
	431 K0TLM	414 K0DEQ N0GZ	403 NH6T/W4	387 KV4T N4CH
444 N7BAV	430 K1TEO	413 AE5FM WA9LFO	402 K3FM K7SMA	386 N7IJ NN4R W5TFW W7AH WE4S
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	429 WA5JCI	412 VE2XK 6M FN07PJW3UUM W4TV	401 K4CKS	385 NK1K VE6MB W4WTA
	428 K9APW N2NL		400 W0JRP	
442 AG9S N2QT N4TL	427 K4ZOT W0RH	411 N9EAT NZ3M	399 K8JH	
441 K8TB K9KLD WA1EAZ	426 K8ZR N5OK W5JAY	410 KE7SW KE8KM KI8G N4HN	398 N8IEZ W1NG	384 K8ROK W7FI
440 W2IRT	425 K6ML	409 N1EVK N5SYV	396 K6VHF KB8U	383 KI0E W5MO
439 NM5U	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
438 K9MK		407 AA1ON W4AS W5CIA	394 AA5JF K2TER K6RO KT8O	381 AG4W W3VZ
437 K5RT KK4MA	423 AJ4A W4DR			380 K7MCX NE6I

WA5LFD	367 AA4ZZ KC4HW KR4BD W7Yaq	K0CS	VA7FC W5VAS	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 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 VA3IKE VE1JBC	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)	339 KE4BKL		
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 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 K1ST 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 N0FJP 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	N0PSJ N4ION N5UWY W4IFI W5JMW	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA	N5ITO W8QID	197 K3EGE N4BAF W3TW W5CTV
228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP	204 LU2DX WA3DRC	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W
227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK
226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W	194 K2MRK K3EA N3FA N9NFT WF1H WK8A
225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE WA9ASZ	193 K7PT K9AB
224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF WA2OTC	207 N1BCL N8NJA	200 4A2MAX K4YJ N5AO N9AG VA3VU	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN
223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW	206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD
222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL VE3SYK WA7AJ	205 AF4OD K8SD KE4HOA	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	190 K5DB K5ER KC2DLD KK8MM
221 K5WMH K6CQR	213 K3DFL KI6X W0NBC			

N9UA	K5GMX	WA8UEG	W1MJC	N3FX
W1ATV	K8WK		W4IHI	N5XZ
W2OO	NZ1I	176	W4JKC	
WB0DBS	W9JJ	AD5ZA	WK3V	162
	XE1CL	EA5BY		AF4GK
189		K0DI	169	K0QB
KC0MEA	181	KX9X	K6XC	KA1R
WA5VKS	AB9FN	N5QGH	KD5OMJ	KD4TDI
	K4CMS	NP4BM	N2BEG	N5SIX
188	K5HDE	W5AFD	N5XES	W9JJB
AD7KI	KB8YKR	WA5IPS	N7PHY	W9VS
KD4HLG	N3XJX	WW2R	VE3HHT	WA1Z
W4AZR	N4DTF		W8KNO	WB0WAO
WA7VHF	N9MSG	175		
WU9Q	NY0A	PV8BR	168	161
WX9M	W4RBO		KG5ZMQ	K4EA
	W9BS	174	W2PD	KB3CWQ
187	WJ1B	K3MD	W8WEJ	KK9M
AA8R		K6WRL		N2YBB
KD3HN	180	KC6ZWT	167	V44KA1
KQ0J	K0OST	KG7P	K4MQG	VE3LC
	K4LYN	KU0A	KB1YNT	W4HOG
186	KC1MMC	N1MGO	KB9REV	WA1LAD
DJ5FI	N1RK	NA2NY (ex-NA1VT)	KE5EP	
K6ZZ	N6PEQ	NA6O	LU4FW	160
K8PT	N6VH	W3SO	N0NHW	AB1QB
K9SG	W5HI	WA2PNI	NO0T	JA1AFR
KN4PPD			TG9ADQ	K5IQ
KN7K	179	173	W1BAT	
N0XLR	K1EP	K2ZZ		159
N6ZE	KU4WD	K5YPV	166	G0OIL
	N0LIE	KE4SCY	I0WTD	K4MZ
185	N0MMA		JA1OVD	NS7B
AD6W	NH7RO	172	KC2GHT	W1EME
KD5BQT	VA3DPB	AB9KZ	N5VU	W4TTO
KU4UC	W8LHP	K5ZED	NC4RY	WB8NUT
NA2R	WA4QMQ	KI4PKW	VA3WEB	
PY5CC		KJ6HI	WB4KXS	158
W3OU	178	VE2PN		K8CR
W5BPT	KA2AYR	W4ABC	165	KI0D
	KB0EO		K4DXT	N2CG
184	KB1RZA	171	KD5HPT	
4O3A	KG5RJ	AA4PB	N1JFU	157
AF5Q	N1ZUK	HP2AT	W0RIC	K4FX
K0DEW	NQ2O	KC5GSK		KB8GC
KR4M	VE3NRT	KC5YCH	164	KC2WUF
N1IBM	W0ZY	KI4TZ	K2SD	WA7NB
N4BG	W1MAD	NS3L	K5VWW	
	WY7FD	W1PX	KD0UHN	156
183		W6IA	KF9US	K2KJ
K5RQ	177	WA2KBZ	W4CSW	K9OHI
N0UBL	AG4ZE		WK7G	N3RN
W2UDT	K2QQ	170	WQ7F	N9KO
	KI4BWW	K9TVG		VE7VDX
182	NY4I	N4GBK	163	
AJ6T CM87	SM7FJE	N8CN	K2JF	155
FP/KV1J	W5ZG	NA2U	K2YSY	AE4M

CT1BWU	148	N8URE (FM19)	138	W0RT
K3TD	AC0DQ	NA1VT	AC0XY	W4GE
K6XN	AG0A	W0HNM	AI6O	WI5D
N5RMS	K0RU	W0UHL	KD7WPJ	WW7Q
N7AU	K7IU	WB0MMC	KE0A	XE2O
N9OBE	KB2YSI	WM5H	KE3D	
TG9ANF	N0TM		KE8RO	132
VA3NQ	N1TOR	142	KQ4KX	AB3CV
WV8DX	N5ZBI	N2ZA	N3XH	IC8TEM
	W6VNQ (CM88)	NA2X		K5VG
154	WB6RAB	NC4VA	137	KW4G
AE4NT		W5SWV	N1SZ	N4PPH
KB9VMW	147	WA5TKU	N5JGK	N7TP
KD2NF	AF6AV	WS4V	SM7AED	N8IK
W3ZQN	IZ1LBG			NE1I
	K6PSP	141	136	VE3TM
153	KC1BUF	JA6RJK	K0XXX	WN6K
AA4NC	PV8AJ	K4AR	K4SX	
AB4GG	VE3CX	K9ATX	KC5LK	131
K7AD	W4YCC	KT8TD	KC9AXZ	JR1BAS
K7ZD	W5WOX	N9FIV	KJ5RM	K3NAT
N1OFZ	WA0VPJ	NV4B	KV1E	KG9R
N2ADV	WA3YGQ	W4FS	NO1R	N2CJ
N2WM		W4POT	W2JCN	TF3JB
N6DHZ	146	W6ZI	W4AVV	
W3DQS	K2GW	WB9WHQ	W7UV	130
W5FI	K8YTO	WR7AY	XE2JS	AB0X
W9ILY	KB0YH			JA3LZS
WB5ZAM	KB5ZEA	140	135	K0GUR
	KC2TN	AC5DK	CU3EQ	K4JKB
152	KM5TY	BA4SI	K4MWB	K8LG
AA6I	N4HID	CO2WF	K8ZIZ	KC4NX
N0RC	VA2RC	K7SAM	LY3W	NG9R
N1NUM	VE1VOX	KC0MEZ	N4DB	NO8D
NU1T		KC8TMU	N8XE	VE1DX
UT7QF	145	KJ4KVC	W6BXQ	VE2TZT
WO4G	KD7YZ	N1EN	WB8BZK	W0PHX
	V31MD	N3VOP	WW2DX	W2LES
151	VA3TTX	NJ0U	XE1H	W3FEY
KO0Z	WA4JA	VA3FLF		WA2SEI
OE6IMD		VE3KY	134	WB4YDL
W1ZT	144	W4TUN	AB1NS	WW5W
W2DXE	K0TLG	W6DQ	AB4GE	
	K5TDW	WA4KXY	C6ABB	129
150	K6JRA		GM4UYE	8P6ET
N9LAH	K8MN	139	KE5FXE	JF4VZT
VE3OAT	K8WU	IZ8FFA	KF6UFO	K0KD
W7APM	N9DI	KC7JPC	N3AIU (DN70)	K5QWO
	W5MPC	KU0G	N8GOU	KC8KSK
149	WO7GI	N7T	W4TKI	KF4NEF
AB6CF	YV4NN	NA2AA	WA3WZR	KM5LY
K4SAN		NZ6N		KM5SC
KK9H	143	W4OV	133	N9WBR
W3UA	K0KVR	WB2JIL	KA5ETS	
WB4VHF	K6JBH	WY0V	KC1RET	128
	K9QFR		KE1VT	JR2LJO
	KB8RJS		KM8V	KC7QAG

KJ6SDF	123	119	KF0QS	111
KN4DMN	AC7AF	AE5AU	KF9AF	N0SLT
N1SFE	K9SM	K0AWU	KM5FA	PC3T
W0WT	KB0GT	K1ZN	N7VGO	W8GBH
W5DM	KB0STN	K2SQS	UW5ZM	WZ8P
W5ZO	KG6DHQ	K4MSG	VK9DX	
W8FR	VE3TG	K7JIZ	WA3BZT	110
WB2WEO	W1HS	KF7PCL	WC7V	EA4DEI
	W3SE	KP3V		G4BWP
127	W4PRZ	KT0P	114	K5KR
AA9RK	W5EWF	KW7N	AC8HU	K7LD
K3GYK	W7MHW	N4UPX	K2RET	KD5J
K7UV	W8BI	W0QC	K3RTU	KI0F
K8AC	W8KHP	W4SW	K9AAN	KP4JRS
K8OS	WA8WV	W7QQ	KC4GCK	KQ4LA
KB3OZC	WB2RVX	WI4T	KG9Z	KX5U
KB9TLV		WM9M	NF8M	N5TIF
KC0RQH	122		VE1WOW	N5YM
N6UTC	K7AED	118	VE3IRR	W7JET
VE2JWH	K7OGW	J68AS	W2JLK	W7UP
W1FLD	KA9JAC	K4AZV	W2ZQ	
WA6BIL	KB4UF	KA4LBD	W4ALF	109
	KB5WFE	KF6MXK	W4UFO	AK6ZZ
126	KC5UGX	KI7BP	WO2C	IW1ARB
KJ7G	N5HYV	KT8X	WX4US	K2DSW
N0BDS	VE6PY	KW4BY		K2JGL
N7DGI	VE7JAC	N1QDQ	113	K2OO
WB4HUC	WD0GTY	N3JNX	AB4PM	K5DNL
YL2AO		N5EIL	AD5MD	K9GY
	121	W2AC / WB2ABK	HB9BZA	KE6GLA
125	AE1P	W2AC/WB2ABK	K3DQB	KJ6CA
AA7DK	K0MFI	WB2KSK	KD4BPZ	KZ7N
K3PU	K4HBI		KD6VCD	N8TMW
KC5DRI	K6USY	117	KM5OL	N9TTX
W2AJM	KB2WAL	AB5J	N3JDQ	VE3AAQ
W3UQH	KB5MH	K4WS	N4YCI	W0YJT
W4DFU	KE4JFS	N4USG	N5YK	W1OP
WA6POZ	NE0P/9	N5JEH*	W0BM	W4ZRZ
WB4OMM	UR0MC	N5LPT	W8MSP	W5MPC/1
WE1P	W8DN	NA7L	W8VW	W7RJR
	WB9TFH	NU6V	WD0ENC	WB6YIY
124		W6WE		WB9W
K0DLW	120	WA1TBV	112	108
KB0HH (EM06)	EA1YO	XE2PXN	K2MLS	CF3VRQ
KD5FTD	K2CYE		K3GD	JA9IPF
KM1C	K4AU	116	K5WTA	JP7EIP
KT5MR	K4CGY	IK7EOT	KA7T	K5OPB
N0SL	KD0R	K4RGN	N5HMH	N3MWQ
N9AZZ	KD4MZM	KI6QDH	W1TR	VE3SUB
PV8AAS	KD5BRF	KU5B	W5DQ	VE7IG
W0PE	KE4SCY (FM06)	N0VR	W6OAT	VY2RU
W1TAM	N3YPJ	NO0B	W7IV	W4AMP
W6SCQ	VE1JC	W0DHB	W9PN	W4CRN
W7YM	VE3XK		WA8TWM	W5AAJ
W9CDL	WA6RAY	115	WG3K	W8EH
	WD4OHD	K9MMS	WX3P	W9VNE
		KE6TVM	XE1GK	

XE1R	WA4MYO	102	AI2S	N8YV
107	104	AA9MY	AI9U	N9MKC
JA3EGE	AB9YC	AB8JH	K2UA	NB5R
K5UIC	AC5K	AD6KH	K4UQC	NH6CJ
KF7PG	AC5RN	K0HAQ	K5GM	NI5W
KI9A	AC9QR	K3HW	K5KV	NS2P
KK4LUM	IK4DRY	K9AM	K8IJ	VE2HAY
N3TTT	K5PPP	KA3ZLS	K9CC	W2HOG
N9OI	KB9RNO	KB8CR	KB9ZLB	W2VU
NF0T	KC1LXO	KC6WFS	KC2HLI	W5JLC
US0KW	KC2TR	KC8DMN	KC8CC	W6TJU
W2TTT	KD9GKL	KD8NYO	KC9CMT	WA5TRX
WB4PPW	KJ7OG	KE1AU	KD3SW	WB5NHX
	KM6WXB	KJ4M	KE5CVM	WB7VVD
106	KO4LZ	KR5V	KF0Q	WK5X
K0MEI	N0STP	N1HOQ	KG5X	WW2R (EL09)
K5BJW	N1LDY	VE7ZD	KJ5OA	
K7BWH	N2FBQ	W4RVZ	N3TBB	98
K7JE	N3UPS	W5DPT	N4NIA	AC2RL
KB0TIJ	N7AGF	W5OV	N5RZK	AD8Y
KC7ICM	NJ1H	W7UT	N5XTR	K0KC
KE5JXC	VE2PIJ	W9NFL	N7EME	K0UD
KJ6MBW	W1TE	WA8EQP	N8COP	K3IXD
KK2DOG	W1ZE	WB5FDP	N8XS	K3QIA
N0RQ	W4KVS	101	VP2MRM	K4OP
N1USB	W6ZQ	AE7V	W2CH	K5HOB
N2IPH	W9EBK	K0IN	W4/KL7GLL	KA1EKR
N4CE	W9MDB	K0SBV	W4OZK	KE4LGL
N5FPW	WB2VUO	K0WJ	W8BZY	KG4YOU
N5YHF	WB8BZK/VE3	K2NUD	W9DQ	KG7E
N8HM	WL7OU	K5DWI	WA5TLP	KJ2G
N9XMU		K5HX	WV9E	KK0CQ
VA3OKG	103	K7SYS	99	KY0Q
VE3AJY	AA5CK	KB1JDX	AB0SD	N0JJQ
WB6VYH	AB0YM	KB4KBS	AB3TM	N1JHJ
WE2DX	AB5SS	KC6AWX	K0YO	N3LRP
WQ9F	K2OY	KC8CSD	K4KEW	N5TEY
	K4MVL	KG8WB	K4WQ	N8AID
105	K8ZEE	KG9IL	K4ZO	NO5X
AC4Q	KA1W	KL2R	K5VPQ	NO8R
DS4EOI	KB0FHP	KR4WM	K7DD	VA3VF
K4SJA	KB2SGX	KR7LD	K7PAP	VE4XTZ
K9MAL	KC9FFV	N1IX	K9ZZE	W2KRP
KB3JGS	KF0AIJ	N4AOE	KA0ZEE	W6TE
KC0JYT	KF4DVG	N8VEA	KC2IEB	WA2FGK
KC4KK	KR4NO	N9DVS	KC6X	WA3TLT
KF4DGS	N0YXE	ON9CMR/W0	KD4MWO	WB1GQR
KJ7TH	N1JIF	VA2LGQ	KD6RUH	WB2YDS
N4NQY	NF6P	W4LLP	KG9AP	WD0E
N5SAN	NN2D	W5KBD	KR4UA	WH6LR
N7YY	VE7DXG	W7ISG	M5MYH	WT5H
NE9O	W0TF	WB8IMY	N4FV	WV5Y
PU4JOE	W3LEO	WD5IYT	N7HRT	
VE3VRQ	W6IT	100	N7JPF	97
W8MIL	W6XU	AC0FT	N7TE	AB8M
W9RVG			N8GHZ	AJ9C
				K0HB

K0JQZ	KM2O	W5ADA	W2GR	W7TRX
K0QEI	KM5NU	W5CBF	W3IPA	W9IFW
K0SH	KR4EE	W5RCQ	W3TA	W9NED
K0YQ	KS4V	W7JWC	W4LNG	W9WI
K3HZO (FN20)	KT5RR	W9SX	W5ODD	WA5ICA
K4GTR	N0WVU	WA2ONK	W5PUF	WB5CON
K4JQU	N2LID	WA3I	W7NX	
K8XF	N2VHZ	WA4WR	WA7LHZ	92
KA2BSK	N2XK	WB2SIH	WA9BXB	K1EY
KA7EII	N8PAQ	WD8DOT	WT9U	K5GDX
KC0YBM	N8YBY	WS4S	WV7S	K5TDA
KD5CKP	NT2A	XE2AT		K7FU
KF4KSN	NW5Q		93	K7HKR
KM4NYI	NY2Z	94	AG2A	K7UWR
KT5WB	VE2DCP	AA4RP	AG6CV	KB0PQP
N1VMJ	W1HMM	AB4VT	A18F	KC4JNW
N3UMA	W3VHF	AD1DX	K0IW	KD4QMY
N4BH	W4KK	AK8CW	K1PTF	KE4WBO
N6MA	W4TMR	HK4SAN	K1ZK	KG4URP
N9APK	W7JHS	K0ARM	K2AK	KR7X
N9IO	WA3EEC	K3BEE	K2MTS	N2SG
N9KY	WB0M	K3TUF	K4DAM	N3GH
NK7C	WB5KJE	K4JRK	K5TRI	N4VN
NU0Y	WP4LNY	K4LDC	K6RM	N5QO
NV3K		K4NNX	K7IP	N6FD
VA3FIN	95	K8GT	K7TRK	N6RPM
W3QT	AB9AI	K9DOG	KB0USF	N7DED
W4CWA	AE0G	K9SUL	KC5TGT	NS6E
W4DAS	AE5EO	KA2F	KC5TT	UT5JAJ
W4ID	IK8YTA	KA9UVY	KC9TTR	W1PV
W7DN	K1PNQ	KB7AK	KC9UL	W2ACY
WA6OSX	K4ED	KC0AUY	KD0QG	W2CVW
WA9LEY	K8KFJ	KC3AK	KE6AZX	W3ACO
WB8RVK	K8ME	KD4VRZ	KE6UMW	W3HZU
WB8ZTV	K8VD	KE3WM	KE8RPJ	W4BP
WB9PNU	KD7WH	KF0LA	KI0J	W4LIA
WE8L	KD8DR	KG4NLZ	KK7MNC	W6NS
	KD9ZR	KU4JZ	N2BX	W8JV
96	KF6XA	KV3W	N2YTF	WA3JKB
AD5OW	KI0SK	N0LNE	N3AO	WA4EEZ
AE4TQ	KW9U	N0LP	N3ZBK	WM3O
AK4F	N1XK	N2SU	N4GOA	
HB9EFK	N2SLO	N3JBH	N4YHC	91
K2CK	N2WLS	N3XBG	N7EGY	AA0CW
K2UF	N3WAV	N3YUG	N7JI	AD3Y
K2UNK	N4ET	N5ZMP	N7KSI	CO2WZ
K4EQH	N5BLY	N6HY	NA9D	K1UR
K5CRJ	N5ENU	N6MXU	VA7QI	K4SPA
K8EMR	N5KI	N7NH	VE3WMD	K6YK
K9OT	N9IV	N7UN	W0MHK	K7HPN
KA2NDX	N9LJX	N8WWM	W2VTV	K8OI
KA3HED	PY2KP	N9DD	W3ZGD	KB2YWU
KB5GI	VA3KS	N9UNX	W4GPM	KB3IAI
KB8PNS	VA3PZ	VA3MA	W4VG	KB3NDS
KC0HBP	VE3KZ	VE3RX	W5DMT	KB4YKC
KD6PY	VE3SPW	VE5MX	W5DWA	KB7AZ
KI5TE	W4YZJ	VE7AB	W7EIR	KC5POV

KC8LGL	WE7H	KC1GWX	KI6HQT	K1LH
KE1IU	WEST SEATTLE AM	KE8UM	KN4MMH	K4SQC
KE7RTB	WH6LE	KE8UM	KP4TB	K6JJ
KG4QWC	WT4C	KI2D	KT1R	K8SIA
KI3O	XE3/K5ENS	KI4RFM	N2NF	KB3HHA
KI5BLU		KJ4KW	N3MVF	KB9LIE
KM7N	89	N0OK	N8TFD	KC1UYZ
KM9I	AB1TZ	N1CEO	NZ3O	KK7BV
KQ6K	AG2AA	N2MKT	SV1RK	KU4WW
N3PPH	AG7NR	N2ZN	VA3MDB	N6KTH
N3WCM	G4NBS	N4CAG	VA7LM	SV2AEL
N6DW	JQ1TIV	N4GN	VE7IRU	TG9AKH
N7CZ	K4BMM	N4KIN	W8IW	W7USB
N8DEZ	K5CX	N4UC	WA1PMA	WD6T
NR4J	K5JAZ	N5VBK	WB4GCS	WD9IOK
NU4N	KA0MWA	NS3X	XE2AU	W16Z
OE9KFV	KF4TVL	NT4TN		XE1MM
VA2BBW	KI0G	VE2VLJ	85	
W2SUB	KI4FW	W2BZR	AC9GK	82
W4MLN	KI4US	W3YX	EI3IO	AD4IE
W5KDA	KR4U	W4DL	K1UU	CB0ZA
WB0NRV	KT3X	W4RXR	K4LRP	K3RJK
WB7X	N2GZ	W7HDD	KB3MXK	K4JMX
WC4V	N5KAE	WA2BTR	KC0V	KA5WSS
XE1GZU	N8YSZ	WA5MD	KE4DRF	KC5YKX
	N9RG	WK3N	KK4AND	KG4KVZ
90	N9UDX	WV8O	N2RJ	N1SF
AA0LM	NE2U	XE1SOV	N4LS	PU8TEP
AB4WL	VE3VCF		NJ1Q	W5DAS
AB9DU	W0HRO	87	VE3GFN	W7YOZ
AF5BG	W1HY	AC0A	VE7DAY	W8GG
DL1SMA	W2JEK	AG4I	W1WV	WA2ONG
JH4JNG	W2OK	K4JC	W3STU	
K1HC	W4ZMM	K5UZ	W4IT	81
K1KA	W6VNQ	K5WO	W4RA	AB4I
K3CWF	W9HT	K6UIP	W6ST	DF3CB
K3UAL	WA7SDI	KB1VUN	W7SIR	KE4DZU
K4AAP	WB3IAL	KC8NAH	W8DQ	N6MM
K4FTP	WM6Y	KE6WOX	W9QY	N7NEV
K4XZ	WQ5C	KI6RRD	WA4WKL	NI4Y
K8EAB	WR5AY	N0ELA	WD4LSS	W3MC
KA5TJI	XE2NL	N2CJN	WF4R	WA4ZXV
KB5FHK	XE3DX	NA5DX		WA8ZNC
KB7BSA		NE5S	84	XE1EE
KK4DZP	88	NI5F	CT3FT	
KW3DX	AA4QE	NN7RM	K4EZY	80
N2ULL	AE0DX	W8GOC	KE6NDG	AC6BW
N4BRF	AE4OF	WB3IGR	N1KI	G4FKA
N5BA	AF4MI	WB8JAY	N2NWS	K7FR
N9JJ	K1RS	WF4W	VE2WBK	KE4PT
VA3XOV	K3TN	XE1RBV	W8PU	KR4Q
W9CPV	K4XD		W8SGR	KW1DX
W9CSY	K7CTV	86	ZS6NK	N2NS
W9HBH	K7WV	AG1T		VY2HF
WA2BEV	K7ZYV	K7FB	83	W5TTY
WA8OJR	K9JF	KA9OKH	AA6E	W7AM
WD9HCF	KB2KIR	KB7JJG	DL5XJ	

79 K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	72 N4II PV8ADI	KB0RFY	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO K4DXA N6ZDH	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
77 K1IFJ MI0AYR	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 KC6NBI SV8CS WA2MUA	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR
73 JF1IRW VP2MJD W4WT	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW
	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP
	64 K3BQ WD5GRW (EM13QO)	54 AG4KI	38 DD3KF DG7RO DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX
	63 EA1DR HL2EIZ	53 K0BBC PP1CZ	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU
		51 CT1ETE N8OFS OH4UI VE9FCP	36 JA1WSK	25 EA4/K1WE
		50 N8MR		24 EI2JD F1RAF F4BDG

HB9G	HB9HIT	G6BFP	4	G8GNI
KS4YX	JE2UFF	HB9GWJ	CT7/RC2A	GI4ONL
ON6AB	LU5FF	IK3ITB	DD6UAH	IK1IYU
PA7TWO	PY2RN	JA1MZL	EK/RX3DPK	IK2GOQ
23	UT3UA	JA2FGL	F1DFR	IZ8XQC
GM4ILS	WC2C	JE1LFX	GM4CFS	JA6AVT
K4SLC	14	KD3UY	GM4KHE	JA6SZV
KP4EIT	EA8MT	S51NM	IV3GOW	JA9FAI
W8MK	JA2XCR	8	JG1JPE	JH3MHI
22	KB8DVT	DK2LO	JH7IMX	JP1HDK
9H1SP	PA7RA	JA1CPU	JH7IPR	K4KZM
IZ3ENH	PV8RR	JE3PCP	JK6DXD	K7LY
OE3SGU	PY2OC	JJ2NWI	UT5EL	KEN IN NEBRASKA
	W9TTY	N8RO	VK4ZP	LA2CQ
		OH8LXT	XE1SAX	OH3KAV
21	13	7	3	SV1XV
EA1YN	K4WY	DH0GSU	DF1ZN	SV3FUO
20	PY2MC	G8APB	DJ5AV	YB2DX
CX1FK	W4PWF	IZ0INX	DL2KQ	YL2KF
I1FQH	12	JA2NDQ	EA1AR	1
JM1KVV	EA3GP	LA3DV	EA4D	3A2MW
N1WC	F4ESV	N5ORT	G3LHJ	9A2EY
PY5EW	HB9DDZ	NJ4Y	HA9PP	AJ6T (EM66)
W8LR	IK2RPE	UR5FEO	HL2ZN	BD4UJ
19	JK1UNZ	ZS4TX	IK0WRB	CT1AHU
DL1TS	JN1RQV	6	IK8EPC	DH8BQA
EA6BB	N1IW	CT2FEY	IW3GJF	DJ3ZF
J14WAO	VE3LYC	DL1TRK	J11CHH	DL2DCX
JR3UIC	ZS6WB	DU0A	JM1GHT	DL4ZAB
PY2HN	11	EI2JC	JN1BPM	DS5DNO
SP8NR	A65BR	JA7NGE	JR6IQI	DS5TOS
VE6TA (DO31)	DL2OE	PY2VA	KC0Y	EA3WD
18	EA4DAU	5	PY5IP	EA4GQS
AJ6V	EA4ZK	DL5LH	SA7CJO	F1VEV
HL4GAV	G4CTY	EA1AAA	SV1VN	G4CFS
KJ4EU	IZ4GWE	EA7ZY	W1CBY	G4VSS
W0HBH	JA2KVB	IK8GYS	WD9EWK (DM43)	G6MXL
17	JA6QHQ	J15USJ	YB1TJ	G7SQS
G3LZQ	PY2DV	JJ1IDW	YL2CA	G8TTI
PY2XAT	PY2GM	KB8VAO	YL2MU	IK5BSC
SP5XMU	10	M1VPN	2	IW0AFS
W0JM	DL4CF	MU0GSY	5B4ALJ	IZ0BTV
16	HB9BOS	OK1IN	6K5XZE	IZ2CSX
N6VHF	J12UDK	ON5UE	9A2GA	IZ3DBA
SV8CKM	PA5KT	PP2RON	9K2NO	IZ5FSA
TI2CDA	SV2DCD	SK6QA	BV6CC	JA1GZK
	TF3Y	VE2NGH	CO6CBF	JA7DPC
	UR7DWW	VR2XMT	DF3VG	JA7VXB
15	9	W1ZR	DF8FT	JH8XVT
9K2BM	DL7BA	W2ZF	DK1CO	J11HNC
EI2GLB	EB1EWE	YL2CZ	EH4BPJ	JJ1PFC
HB9FMN	EC7ZK		ES8JX	JL2ULM
			F5TMJ	JN3ONX
			G0THY	KC3KJQ
			G4DDL	KG4JSZ
				KH6WI

KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW