

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 Sep 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	N9UM	485	477	NA6MG
AA0MZ	ND0B	K1USA	N5KO	WX7M
AA5AM	W0FY	K9MU	NC6K	
AA5C	W0JW	N0POH	W6XK	465
AA7A	W0LGQ	N5WS		N4JQQ
AI5I	W3CP	W5VY	475	XE2K
K0GU	W4UDH		ND4X	
K0SIX	W5ADD	484		464
K0TPP	W5AFY	AD6D	474	KB9OWD
K1TO	W5AJ	AF5CC	K7KQA	
K1TOL	W5EME	AI1K		463
K4PI	W5FF	WQ0P	473	KB8VAO
K4XO	W5KI		NQ7R	NI0G
K5ND	W5OZI	483	VE3EK	W5XC
K5RK	W5TRL	AC0RA	WB0O	
K5UR	W7GJ	W0VTT		462
K5WE	W7JW	WA7HQD	472	N6ORB
K7BG	W7KNT	WB0ULX	KB7ME	
K7CW	W7MEM		WD8JJA	461
K7ULS	W9FF	482	WE9R	NA9RB
K8SIX	W9JN	K0BJ		W3UR
K9CT	W9RM	N4WW	471	
KA9CFD	W9XX		N9PGG	460
KA9FOX	WD5K	481	W0RH	K5OMC
KD5M	WQ5S	KC7QY		K8ZM
KG5CCI	WS9V	W9VHF	470	KF0M
KM0A			K4SO	
KM0T	487	480	K5RT	458
KO9A	K7MAC	K5GZR	N4SIX	K9NW
KR7O	K9YY	KC7V	WO7R	KG5THG
KV5W	N0AKC	N4TB		N9BCA
KX4R	N7CW	N5EKO	469	NE1B
N0LL	N7IR	XE2OR	AJ4F	
N0LWF	N9ISN		K4MY	457
N0PB	NA6L	479	K7PI	K4HB
N0TB	W3IP	N7ZO	N7BAV	W9WO
N1AV	XE2CQ	W5WVO		
N3SL		W9RN	467	456
N3XX	486	WB9CIF	K3SX	AJ4A
N5DG	KY7M		NY0V	N4QS
N5NA	N0KE	478	W5THT	
N5OMG	N7KA	AD1C		455
N6JV	W5ZN	AE5B	466	K9MK
N7NW	WD5COV	K6ZH	KA0JGH	KF8MY
N9LB			KB6NAN	WA9DU

XE2X	N4MM	428 K9APW	414 K0DEQ K2TER KM8V N0GZ W4TV	403 K6VHF NY1V
454 WB7CJO	442 AG9S K4ZOT N2QT N4TL NJ6D	426 N5OK W5JAY		402 K3FM
453 K4YMQ K6EID KB9DAK N9FN	441 K8TB K9KLD	425 K6ML	413 WA9LFO	401 K4CKS KM3V
452 KK4MA N5BO N8YO N9BX	440 AE5FM W2IRT	424 K6JJ N4UFP N9AKR W3EP W5PR WB8BPU	412 VE2XK 6M FN07P	400 KT8O W0JRP W3UUM W7FI
451 K1HTV K5WBM KD3CQ WA1EAZ	439 K8ROX N4QWZ N5TJ NM5U	423 W4DR	411 N1EVK N9EAT WR7X	399 NN4R
450 NE9U W0MU	436 NZ3M W3TC WB8ART	422 K0DD VE6WQ WB5JID	410 K3UA KB0V KE7SW KI8G	398 N8IEZ W1NG
449 KF6HI N8OC W8TN	435 KF6A	421 NE6I NP4EI/W7	409 K5PI N5SYV N9JR VE3DS	397 AB4EJ KE4TH KI0E W8LMG
448 K4XP KP4AJ KV7N W3LPL WB8ZBT	434 AA1ON K1SIX VE3LYC	420 AD5A	408 K7SMA W7BA WA1NLG	396 AB4SF AG4W KB8U N3OC
447 AH0U KS7S N2NL N4SC	433 AB9BH KE8KMX WW1L	419 K7NN W0GN W5AL	407 W4AS W5CIA W7YAQ	395 AA5XE K0AZ K5XM KF7CQ WB4EVH
445 KG7CW KU7Z N4LR	432 K3FRK K6GXO N6KK	418 N4UFO	406 AK3E K6FG K8EB	394 K6RO
444 K4SSO W3LL	431 K0TLM	417 AA5JF N4HN	405 AA4SC K1GG K5CKS	393 K7XB K7XC KD5XB
443 AB4IQ K5XI	430 K1TEO	416 AC9DX K4RWP K7ND KO4MA NI0P	404 N2ZX NH6T/W4 VE4EAR W5SUM	392 AF4HX K5HPT W6OMF
	429 K5TA K8ZR WA5JCI	415 K7AWB K8JH W0GJ		

391 W4AVY W6TMD	377 AB1OC NT9E	N6QQ	351 W7IMC	338 AI9L NA5Z VE3SXE W4MAY W9XA WA5KBH
390 KZ2I WF7T	376 K8GI K8VFF	363 VE7BV W1JR W4NH	350 N6VI WB4KTF	
389 W5MO	375 K6QG WB4OQX	362 WA5OLT	349 K1GJQ KA0BAD	337 K8ZES W9EWZ WA5RT WW0E
388 K0IP W4WRL	374 K0TT KV7K N6GP N7DB	361 K8BL K9NR KB1EFS N1KDO N8KOL NG4C W4ER	348 N1JFU NJ7G	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S
387 KV4T N0FJP N4CH	371 AA4ZZ N3PS WA6BYA	360 K6UM (CN85) W0NOZ	347 W2HRO	
386 JA7QVI KF9UG N7IJ W5TFW W7AH WE4S	370 K5TN KG8P KN4SM KS4YT N3MK NN9X NT0V W4FC	359 AA4FF K0CAO	346 N9XG	
385 K0JDD NK1K VE6MB W4WTA	369 KF8UN N2DPF	358 K5RLA	345 AA8SW W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KN4NN W9GKA
384 K8ROK N2WK W8OP	368 N4JP W5RCI W6GMT	357 K4LVV WA9PWP	344 K6FW KB0PE W1OW	
382 N8LRG VE3YXO	367 KC4HW	356 K7PT	343 K1ST K5EK KK0DX N3RC N3YT N6KZ N8HRZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI
381 W3VZ	366 KI7JA	355 AA4FL N3AIU (DM45) W1DYJ	341 KD7DCR N9LF NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ XE1YY
380 K7MCX NK0S WA5LFD	365 K4JJW K6EME WA7PDC	354 KE8Y NP4EI NU6S	340 N0AN WA9M	
379 N8WNA	364 AB5EB K0RAR K5KEW	353 AF2K K0CS	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV	332 AA7UN N4JDB N7KDT VA3IKE W9GM
378 KR4BD		352 K7LOL VE3XN W0KKK XE2ML		

331 K0SRL K8WDA KC0UDO N4MW W3TI	322 JG1TSG N3ALN VA6SZ	311 AC9S KS4XQ W2BZY W5DB	300 AA4V K0PHP KB6VFC N1RR WA2BAH WX2S	290 VE6TA (DO33) WA8EFK
330 KB8MBC KG6AY W8PI	321 N0LD N7RO NC7B NS4C W9VA	310 N1NK W9KVR WO4DX	299 KX7L VE6WK W1LE W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA NQ7G W4LTJ
329 AA1QD N2JJ W2OR W8WG W9DCT WX4G	320 KG5EIU N4DW	309 AA9RR	298 K0MLD KD4WSC KK8MM N4IQ W0JM	288 K1NU W1DU W4HLR
328 K6ME N5PT W2CNS WB3LHD	319 N7US	308 WA4HFN	297 N8YQX	287 K8DP KC7MRQ N8CGY W7CT WA4NVM
327 KJ5RC N0YO W2JU W7YA	318 W4HY	307 AG1A KE5K KS4S W9RPM	296 K4XR K6YUI KC7RW XE1EE	285 AB0S K5CZD K9UO NS7K
326 K2ZD K6LMN K6TDI NG7M W0PR W3HDH W7JLC	317 KA8SYV W1SKU	306 K4QE KL7HBK WV9L	295 KE4P N6AR N7NT	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)
325 KF2T WA2AEY WX0Z	316 DK8NE K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KT1J N4SV	294 K6JSV	283 N5OHL NA5DX WA0FQK WB0CQO
324 HC2FG K9SH KU4A N2BJ VE3TMG	315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO	304 K6IPF NS4T WA0GUD WA8MCD	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K1DT N8JCM W4WM
323 N8II W8KEN WO2T	314 KU4XO	303 EA8DBM K8TGC K8TL N7LAN	292 KJ6P N4ST W1SSN	281 AA8MA JR1LZK K4OY NL7CO W2YE
	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	302 K2UU KB2TGU		
	312 AF6O K4NNX KA2GOJ N3KN	301 N0HJZ W3SW W7IB W9OBG WB0TVY		

280 N0KV NM5Z W1FKF	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	K7MDL K9AAA WB7QBS	N8ZJN	247 JA1UAV N5DD W3TEF
279 N3JPU N6PM W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG	269 K2IE K3ZO KD5R KF6XA N5EPA N5WD VA2CY	262 K3CWH K5VR N5PA ND4DX WA0KBZ	255 K8MVZ KG4JPL W4HFZ WA8KNE	246 K0DAS K8YC KK8X N5TIT W4FRA
278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA	254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL W8FIB WD5ITW	245 AE4M N1IA N3XF VA3CW
277 AC7JM PV8DX	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	260 JM1SZY K6JAD K9MQ N6HC NT7C W3DF XE1YD	253 F4BKV KG4ERR N2XQM	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD
276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO	266 K1OA K1WVX K3HPA TG9AJR VE3MSC WB8EJN	259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	243 JA1QJI K3TC W4EJ
275 K1MAA K2NJ N4GG W0FK	265 N5KS	258 AB5GU K1NJ K2HAT NA2NY NA5C WB7ECS	251 AD5JK AE4WG K9QJ KG7NV NN4SS W2LV	242 IT9IPQ K3WW KA3TCC VE3SMA
274 KB1DMX	264 AC8L K4JAF N0TK N5AO NF1O	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0	250 AA9LC KS9J NW6R	241 N6NU W5LO
273 KM4H KV1J VE6SH			249 CT1IUA JR3REX K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL
272 KF8QL KO4PRE			248 K1ZZ W6VFA	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD
271 K7NII KB7FUV W3HHN	263 AK4PR K0NO	256 JM1IGJ KL7NW		

238 AA3GM JP1LRT W1MJC	KE4UW N4NX NN5DX W5LUA	N0PSJ N4ION N5UWY W4IFI W5JMW	KF7NN N1SV N2OA	N5ITO W8QID
237 K3KO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ	211 K9FOH KD3HN NE8S PV8BR W2ZDP W5HNC W6AER W6KAP	204 K00Z LU2DX WA3DRC
236 K0SU K4NK N3FTI N9ATD W5AJX	227 K8ZT K9TF KS9A W4KXY XE1GLL	219 K2RKJ K6ZZ (EM78) KE5RV W6DPD W7ZSL WB2WIH (FN20)	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	203 K0VSV K5HYT K5LOW N0HF N8SYF NXOI W1RM W3SZ W9GFB W9VOB WA1KPD
235 ND0C VO1GO WB6RJH WT2P WZ9W	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ	209 AA4IB W5WGF WA4NFO XE2N	202 K1BZ K5GJR WC7X WF8Z WQ5W
234 JR2HCB KE6FCT	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	208 AI2N CO8DM KD5HIO PV8ABC	201 AA7WB KC5FP K09V KR0I NN0K NR2C WA1MKE WA9ASZ
233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	224 JA8ISU K2RET NJ8J	216 K7RB N0IS NE1F W1AW W5RWF	207 K6US N1BCL N8NJA	200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY N9AG VA3VU WB2AA
232 K5FO N9NJY	223 K7UA N2ZA NJ7A	215 AL7OC K2SX K9OHI KI5FJ N2YU N6KW	206 AA9JC AB0CT AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	199 N3KFV W4OEP WB0YEA
231 K4MIJ K6HEW KF6GYM W9XT	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	205 AF4OD K8SD KE4HOA	198 4O3A AC8TO
230 K1ZE KO4MM VA3XJ WB0WAO/8	221 K5WMH K6CQR	213 K3DFL KI6X W0NBC		
229 GD0TEP K6RG KB9RUG KC0VDY KD5IKG		212 AB5C JF8QNF		

N0UK	190	183	WY7FD	HP2AT
N7EPD	K5ER	K5RQ		JA6RJK
W8DM	KC2DLD	N0UBL	177	KC5GSK
WA7KYM	KN4PPD	W2UDT	AG4ZE	KC5YCH
197	N9UA	WC4H	K2QQ	KI4TZ
I0WTD	W1ATV		KI4BWW	NS3L
K3EGE	W2OO	182	NY4I	W1PX
N4BAF	W4GE	AJ6T CM87	SM7FJE	W6IA
W3TW	W8SP	FP/KV1J	W5ZG	WA2KBZ
W5CTV	WB0DBS	K5GMX	WA8UEG	
	189	K8WK		170
196	AC0W	NZ1I		K3LL
K0AIZ	KC0MEA	W9JJ	176	K9TVG
K0NR	WA5VKS	XE1CL	AD5ZA	N8CN
N5DUW			EA5BY	NA2U
W2AMR	188	181	JA1OVD	W0PE
XE2ED	AD7KI	AB9FN	K0DI	W4IHI
XE2W	KD4HLG	K4CMS	KX9X	W4JKC
	W4AZR	K5HDE	N5QGH	WK3V
195	WA7VHF	KB8YKR	N8URE (FM19)	
AA4W	WU9Q	N3XJX	N9ARX	169
K2WJ	WX9M	N9MSG	NP4BM	K6XC
K6VDP		NY0A	W5AFD	KD5OMJ
KG6WIK	187	W4RBO	WA5IPS	N2BEG
	AA8R	W9BS	WW2R	N5XES
194	KQ0J	WJ1B		VE3HHT
K2MRK	N2WM		175	W8KNO
N3FA		180	K3MD	
N9NFT	186	K0OST	NE5TX	168
WF1H	K8PT	K4LYN		KG5ZMQ
WK8A	K9SG	KC1MMC	174	W2PD
	KN7K	N1RK	K6WRL	W8WEJ
193	N0XLR	N6PEQ	KC0IYT	W9HT
K9AB	N6ZE	N6VH	KC6ZWT	
KC5N		W5HI	KG7P	167
KD2NF	185		KU0A	K4MQG
	AD6W	179	N1MGO	KB1YNT
192	KD5BQT	K1EP	NA2NY (ex-NA1VT)	KB9REV
AA6AA	KU4UC	KU4WD	NA6O	KE5EP
N1LF	N8XE	N0LIE	W3SO	N0NHW
N2NB	NA2R	N0MMA	WA2PNI	NO0T
N3CAL	PY5CC	NH7RO		TG9ADQ
N3NR	W3OU	VA3DPB	173	W1BAT
N4LXB	W5BPT	W8LHP	IC8TEM	
N4TV	XE1R	WA4QMQ	K2ZZ	166
W6MTR			K5YPV	JA3LZS
W8FN	184	178	KE4SCY	KC2GHT
	AF5Q	HB9EFK		N5VU
191	K0DEW	KA2AYR	172	NA1VT
K0ITC	KR4M	KB0EO	AB9KZ	NC4RY
K9CS	N1IBM	KB1RZA	K5ZED	VA3WEB
KK6OH	N3FX	KG5RJ	KI4PKW	WB4KXS
N9AMW	N4BG	N1ZUK	KJ6HI	
WA2BKN	N4DTF	NQ2O	VE2PN	165
WA5CAM		VE3NRT	W4ABC	K4DXT
WD4JHD		W0ZY		KD5HPT
		W1MAD	171	W0RIC
			AA4PB	

164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 KW4BY N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 KC7JPC KM2O KU0G N7T NA2AA TF3JB W4OV WB2JIL WY0V
163 K2JF K2YSY N5XZ OE6IMD	156 IZ8FFA K2KJ N3RN N9KO VE7VDX	149 AB6CF IK7EOT K4SAN KK9H W3UA WB4VHF	143 K6JBH K9QFR KB8RJS W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
162 AF4GK K0QB KA1R KD4TDI UW5ZM W9JJB W9VS WA1Z WB0WAO	155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W5DM W6VNZ (CM88) WB6RAB	142 NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD	154 AE4NT KB9VMW KW4OV NZ6N W3ZQN W4DWS	147 AF6AV IZ1LBG JR1BAS K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	141 K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
160 AB1QB JA1AFR K5IQ WL7OU	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHZ W3DQS W5FI W9DHI W9ILY WB5ZAM	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H
159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA		134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE

KF6UFO	KM5SC	W1TAM	N3YPJ	W0DHB
N3AIU (DN70)	N9WBR	W3KN	VE1JC	
N8GOU		W6SCQ	VE3XK	115
W4TKI	128	W7YM	WA6RAY	K9AAN
WA3WZR	JR2LJO	W9CDL	WD4OHD	K9MMS
	KC7QAG			KE6TVM
133	KJ6SDF	123	119	KF0QS
KA5ETS	KN4DMN	AC7AF	AE5AU	KF9AF
KC1RET	N1SFE	K9SM	K0AWU	KM5FA
KE1VT	NR1R	KB0GT	K1ZN	N7VGO
W0RT	W0WT	KB0STN	K2SQS	VK9DX
WI5D	W5ZO	KG6DHQ	K4MSG	WA3BZT
WW7Q	W8FR	VE3TG	K7JIZ	WC7V
XE2O	WB2WEO	W1HS	KF7PCL	
		W3DIY	KP3V	114
132	127	W3SE	KT0P	AC8HU
AB3CV	AA9RK	W4PRZ	KW7N	K3RTU
K5VG	K3GYK	W5EWF	N4UPX	KC4GCK
KW4G	K7UV	W7MHW	W0QC	NF8M
N4PPH	K8AC	W8BI	W4SW	VE1WOW
N7TP	K8OS	W8KHP	W7QQ	VE3IRR
NE1I	KB3OZC	WA8WV	WI4T	W2JLK
VE3TM	KB9TLV	WB2RVX	WM9M	W2ZQ
WN6K	KC0RQH			W4ALF
	N6UTC	122	118	W4UFO
131	VE2JWH	K7AED	J68AS	W5DWA
K3NAT	W1FLD	K7OGW	K4AZV	WO2C
KG9R	WA6BIL	KA9JAC	KA4LBD	WX4US
KT3X		KB4UF	KF6MXK	
N2CJ	126	KB5WFE	KI7BP	113
	KJ7G	KC5UGX	KT8X	AB4PM
130	N0BDS	N5HYV	N1QDQ	AD5MD
AB0X	N7DGI	VE6PY	N3JNX	HB9BZA
G4BWP	WB4HUC	VE7JAC	N5EIL	K3DQB
K0GUR	YL2AO	WD0GTY	W2AC / WB2ABK	KD4BPZ
K4JKB			W2AC/WB2ABK	KD6VCD
K8LG	125	121	WB2KSK	KM5OL
KC4NX	AA7DK	AE1P		N3JDQ
NG9R	K3PU	K0MFI	117	N4YCI
NO8D	KC5DRI	K4HBI	AB5J	N5YK
VE1DX	W2AJM	KB2WAL	K4WS	W0BM
VE2TZT	W3UQH	KB5MH	N4USG	W8MSP
W0PHX	W4DFU	KE4JFS	N5JEH*	W8VW
W2LES	WA6POZ	NE0P/9	N5LPT	WD0ENC
W3FEY	WB4OMM	UR0MC	NA7L	WU3U
WA2SEI	WE1P	W8DN	NU6V	
WB4YDL		WB9TFH	W6WE	112
WW5W	124		WA1TBV	K2MLS
	K0DLW	120	XE2PXN	K3GD
129	KB0HH (EM06)	EA1YO		K5WTA
8P6ET	KD5FTD	K2CYE	116	KA7T
JF4VZT	KM1C	K4AU	EA4DEI	N5HMH
K0KD	KT5MR	K4CGY	K4RGN	W1TR
K5QWO	N0SL	KD0R	KI6QDH	W5DQ
KC8KSK	N8MR	KD4MZM	KU5B	W6OAT
KF4NEF	N9AZZ	KD5BRF	N0VR	W7IV
KM5LY	PV8AAS	KE4SCY (FM06)	N00B	W9PN

WA8TWM	W4CRN	W8MIL	XE1RBV	WD5IYT
WG3K	W5AAJ	W9RVG		
WX3P	W8EH	WA4MYO	102	100
XE1GK	W9VNE		AA9MY	AC0FT
111	107	104	AB8JH	AI2S
K8BB	JA3EGE	AB9YC	AD6KH	AI9U
N0SLT	K5UIC	AC5K	K0HAQ	K2UA
PC3T	KF7PG	AC5RN	K3HW	K4UQC
W8GBH	KI9A	AC9QR	K9AM	K5GM
WZ8P	KK4LUM	IK4DRY	KA3ZLS	K5KV
	N3TTT	K5PPP	KB8CR	K8IJ
	N9OI	KB9RNO	KC6WFS	K9CC
110	NF0T	KC1LXO	KC8DMN	KB9ZLB
K5KR	US0KW	KC2TR	KD8NYO	KC2HLI
K7LD	W2TTT	KD9GKL	KE1AU	KC8CC
KD5J	WB4PPW	KJ7OG	KJ4M	KC9CMT
KI0F		KM6WXB	KR5V	KD3SW
KP4JRS	106	KO4LZ	N1HOQ	KE5CVM
KQ4LA	K0MEI	N0STP	VE7ZD	KF0Q
KX5U	K5BJW	N1LDY	W4RVZ	KG5X
N5TIF	K7BWH	N2FBQ	W5DPT	KJ5OA
N5YM	K7JE	N3UPS	W5OV	N3TBB
W7JET	KB0TIJ	N7AGF	W7UT	N4NIA
W7UP	KC7ICM	NJ1H	W9NFL	N5RZK
	KE5JXC	VE2PIJ	WA4IOB	N5XTR
109	KJ6MBW	W1TE	WA8EQP	N7EME
AK6ZZ	KK2DOG	W1ZE	WB5FDP	N8COP
IW1ARB	N0RQ	W4KVS		N8XS
K2DSW	N1USB	W6ZQ	101	VP2MRM
K2JGL	N2IPH	W9EBK	AE7V	W2CH
K2OO	N4CE	W9MDB	AI5WW	W4/KL7GLL
K5DNL	N5FPW	WB2VUO	K0IN	W4OZK
K9GY	N5YHF	WB8BZK/VE3	K0SBV	W8BZY
KE6GLA	N8HM		K0WJ	W9DQ
KJ6CA	N9XMU	103	K2NUD	WA5TLP
KZ7N	VA3OKG	AA5CK	K5DWI	WV9E
N8TMW	VE3AJY	AB0YM	K5HX	
N9TTX	WB6VYH	AB5SS	K7SYS	99
VE3AAQ	WQ9F	K2OY	KB1JDX	AB0SD
W0YJT		K4MVL	KB4KBS	AB3TM
W1OP	105	K8ZEE	KC6AWX	G4FKA
W4ZRZ	AC4Q	KA1W	KC8CSD	K0YO
W5MPC/1	DS4EOI	KB0FHP	KG8WB	K4KEW
W7RJR	K4SJA	KB2SGX	KG9IL	K4WQ
WB6YIY	K9MAL	KC9FFV	KL2R	K4ZO
WB9W	KB3JGS	KF0AIJ	KR4WM	K5VPQ
	KC0JYT	KF4DVG	KR7LD	K7DD
108	KC4KK	KR4NO	N1IX	K7PAP
CF3VRQ	KF4DGS	N0YXE	N4AOE	K9ZZE
JA9IPF	KJ7TH	N1JIF	N8VEA	KA0ZEE
JP7EIP	N4NQY	NF6P	N9DVS	KC2IEB
K5OPB	N5SAN	NN2D	ON9CMR/W0	KC6X
N3MWQ	N7YY	VE7DXG	VA2LGQ	KD4MWO
VE3SUB	NE9O	W0TF	W4LLP	KD6RUH
VE7IG	PU4JOE	W3LEO	W5KBD	KG9AP
VY2RU	VE3VRQ	W6IT	W7ISG	KR4UA
W4AMP		W6XU	WB8IMY	M5MYH

N4FV	97	KD6PY	VE3SPW	VE5MX
N7HRT	AB8M	KI5TE	W4YZJ	VE7AB
N7JPF	AJ9C	KM5NU	W5ADA	W2GR
N7TE	K0HB	KR4EE	W5CBF	W3IPA
N8GHZ	K0JQZ	KS4V	W5RCQ	W3TA
N8YV	K0QEI	KT5RR	W7JWC	W4LNG
N9MKC	K0SH	N0WVU	W9SX	W5ODD
NB5R	K0YQ	N2LID	WA2ONK	W5PUF
NH6CJ	K3HZO (FN20)	N2VHZ	WA3I	W7NX
NI5W	K4GTR	N2XK	WA4WR	WA7LHZ
NS2P	K4JQU	N8PAQ	WB2SIH	WA9BXB
VE2HAY	K8XF	N8YBY	WD8DOT	WT9U
W2HOG	KA2BSK	NT2A	WS4S	WV2I
W2VU	KA7EII	NW5Q	XE2AT	WV7S
W5JLC	KC0YBM	NY2Z		
W6TJU	KD5CKP	VE2DCP	94	93
WA5TRX	KF4KSN	VE6RGU	AA4RP	AG2A
WB5NHX	KM4NYI	W1HMM	AB4VT	AG6CV
WB7VVD	KT5WB	W3VHF	AD1DX	AI8F
WK5X	N1VMJ	W4KK	AK8CW	IZ4DPV
WW2R (EL09)	N3UMA	W4TMR	HK4SAN	K0IW
	N4BH	W7JHS	K0ARM	K0RM
98	N6MA	WA3EEC	K3BEE	K1PTF
AC2RL	N9APK	WB0M	K3TUF	K1ZK
AD8Y	N9IO	WB5KJE	K4JRK	K2AK
K0KC	N9KY	WP4LNY	K4LDC	K2MTS
K0UD	NK7C		K8GT	K4DAM
K3IXD	NU0Y	95	K9DOG	K5TRI
K3QIA	NV3K	AB9AI	K9SUL	K6RM
K4OP	VA3FIN	AE0G	KA2F	K7IP
K5HOB	W3QT	AE5EO	KA9UVY	K7TRK
KA1EKR	W4CWA	IK8YTA	KB4YKC	KB0USF
KE4LGL	W4DAS	K1PNQ	KB7AK	KC5TGT
KG4YOU	W4ID	K4ED	KC0AUY	KC5TT
KG7E	W7DN	K8KFJ	KC3AK	KC9TTR
KJ2G	WA6OSX	K8ME	KD4VRZ	KC9UL
KK0CQ	WA9LEY	K8VD	KE3WM	KD0QG
KY0Q	WB8RVK	KD7WH	KF0LA	KE6AZX
N0JJQ	WB8ZTV	KD8DR	KG4NLZ	KE6UMW
N1JHJ	WE8L	KD9ZR	KU4JZ	KE8RPJ
N3LRP		KI0SK	KV3W	KE9V
N5TEY	96	KW9U	N0LNE	KI0J
N8AID	AD5OW	N1XK	N0LP	KK7MNC
NO5X	AE4TQ	N2SLO	N2SU	N2BX
NO8R	AK4F	N2WLS	N3JBH	N2YTF
VA3VF	K2CK	N3WAV	N3XBG	N3AO
VE4XTZ	K2UF	N4ET	N3YUG	N3ZBK
W2KRP	K2UNK	N5BLY	N5ZMP	N4GOA
W6TE	K4EQH	N5ENU	N6HY	N4YHC
WA2FGK	K5CRJ	N5KI	N6MXU	N7EGY
WA3TLT	K8EMR	N9IV	N7NH	N7JI
WB1GQR	K9OT	N9LJX	N7UN	N7KSI
WB2YDS	KA2NDX	OE9KJV	N8WWM	NA9D
WD0E	KA3HED	PY2KP	N9DD	VA3JFF
WH6LR	KB5GI	VA3KS	N9UNX	VA7QI
WT5H	KB8PNS	VA3PZ	VA3MA	VE3WMD
WV5Y	KC0HBP	VE3KZ	VE3RX	VK5PJ

W0MHK	K1UR	N4BRF	K1RS	WF4W
W2VTV	K4SPA	N5BA	K3TN	
W3ZGD	K6YK	N9JJ	K4XD	86
W4VG	K7HPN	VA3XOV	K7CTV	AG1T
W5DMT	K8OI	W9CPV	K7WV	K7FB
W7EIR	KB2YWU	W9CSY	K7ZYV	KA9OKH
W7TRX	KB3IAI	WA2BEV	K9JF	KB7JJG
W9IFW	KB3NDS	WA8OJR	KB2KIR	KI6HQT
W9NED	KB7AZ	WD9HCF	KC1GWX	KN4MMH
W9WI	KC5POV	WE7H	KC3MLC	KP4TB
WA5ICA	KC8LGL	WEST SEATTLE AM	KA8EVR	KT1R
WB5CON	KE1IU	WH6LE	KI2D	N2NF
	KE7RTB	WM7C	KI4RFM	N3MVF
92	KG4QWC	WT4C	KJ4KW	N8TFD
K1EY	KI3O	XE3/K5ENS	KQ4AJI	NZ3O
K5GDX	KI5BLU		KU4S	SV1RK
K5TDA	KM7N	89	N0OK	UT9FJ
K7FU	KM9I	AB1TZ	N1CEO	VA3MDB
K7HKR	KQ6K	AG2AA	N2MKT	VA7LM
K7UWR	N3PPH	AG7NR	N2ZN	VE7IRU
KB0PQP	N3WCM	G4NBS	N4CAG	W8IW
KC4JNW	N6DW	JQ1TIV	N4GN	WA1PMA
KD4QMY	N7CZ	K4BMM	N4KIN	WB4GCS
KE4WBO	N8DEZ	K5CX	N4UC	XE2AU
KG4URP	NR4J	K5JAZ	N5VBK	
KR7X	NU4N	KA0MWA	NS3X	85
N2SG	VA2BBW	KF4TVL	NT4TN	AC3KE
N3GH	W2SUB	KI0G	VE2VLJ	AC9GK
N4VN	W4MLN	KI4FW	W2BZR	EI3IO
N5QO	W5KDA	KI4US	W3YX	K1UU
N6FD	WB0NRV	KR4U	W4DL	K4LRP
N6RPM	WB7X	N2GZ	W4RXR	K5MJP
N7DED	WC4V	N5KAE	W7HDD	KB3MXK
NS6E	XE1GZU	N8YSZ	WA2BTR	KC0V
UT5JAJ		N9RG	WA5MD	KE4DRF
W1PV	90	N9UDX	WK3N	KK4AND
W2ACY	AA0LM	NE2U	WV8O	N2RJ
W2CVW	AB4WL	VE3VCF	XE1SOV	N4LS
W3ACO	AB9DU	W0HRO		NJ1Q
W3GP	AF5BG	W1HY	87	NM4SH
W3HZU	DL1SMA	W2JEK	AC0A	VE3GFN
W4BP	JH4JNG	W2OK	AG4I	VE7DAY
W4LIA	K1HC	W4ZMM	K4JC	W1WV
W6NS	K1KA	W6VNZ	K5UZ	W3STU
W8JV	K3CWF	WA7SDI	K5WO	W4IT
W9HBH	K3UAL	WB3IAL	KB1VUN	W4RA
WA3JKB	K4AAP	WM6Y	KC8NAH	W6ST
WA4EEZ	K4FTP	WQ5C	KE6WOX	W7SIR
WG8E	K4XZ	WR5AY	KI6RRD	W8DQ
WM3O	K6UIP	XE2NL	N0ELA	W9QY
	K8EAB	XE3DX	N2CJN	WA4WKL
91	KA5TJI		NE5S	WD4LSS
AA0CW	KB5FHK	88	NI5F	WF4R
AD3Y	KB7BSA	AA4QE	NN7RM	
CO2WZ	KK4DZP	AE0DX	W8GOC	84
HB9ALO	KW3DX	AE4OF	WB3IGR	CT3FT
K0CFI	N2ULL	AF4MI	WB8JAY	DS2JJV

K4EZY KE6NDG N1KI N2NWS VE2WBK W8PU W8SGR ZS6NK	K7FR KE4PT KR4Q KW1DX N2NS VY2HF W2DEN W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	JR2SQZ
83 AA6E DL5XJ K1LH K4SQC K8SIA KB3HHA KB9LIE KK7BV KU4WW N5PD N6KTH SV2AEL TG9AKH W7USB WD6T WD9IOK WI6Z XE1MM	79 JF1LMB K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QO)	53 K0BBC PP1CZ 51 CT1ETE N8OFS OH4UI OE9FCP
82 AD4IE CB0ZA K3RJK K4JMX KA5WSS KC5YKX KG4KVZ N1SF PU8TEP W5DAS W7YOZ W8GG WA2ONG	78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	49 HB9RUZ
81 AB4I DF3CB KE4DZU N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC	77 K1IFJ MI0AYR	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA
80 AC6BW	76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK	47 HB9RYZ JE1VTZ N6PAZ
	75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL US5WE W4LVH W5UC WP4NEG ZL3AAU	69 K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ
		68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	44 DM2RM WO3T XE2YWH/1
		67 JG2TSL KF4JHG KK4YEL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9AOF K4ZIN LA6OP
		66 K6KLY UX1UA	56 HB9HIT KI5WA LU8ADX NI6T	42 HA5PT
			55 LA3MHA SP5APW WA2EMF	41 E75AA
			54 AG4KI	40 JR0QFA WB8TGY

39 AA5PK	JR7ILA K0FMI OH3DP	W0HBH	KA5WRG PY2DV PY2GM	PY2VA
38 DD3KF DG7RO DU1EV HL4GAV K8YSE	27 KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU SV8CKM	10 DL4CF HB9BOS JH7IMX JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY G6MXL IK8GYS JI5USJ JJ1IDW M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ
37 BA7NQ DS4AOW HL4CJG JA9APS JH9DRL OE3SGU	26 WB7QXU	16 N6VHF TI2CDA	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS IV3GOW JH7IPR JK6DXD UT5EL VK4ZP XE1SAX
36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN LU5FF PY2RN UT3UA WC2C	8 DF1ZN DH0GSU DK2LO G1VDP JA1CPU JE3PCP JG1JPE JJ2NWI N8RO OH8LXT	3 DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN US0YA W1CBY WD9EWK (DM43) YB1TJ
35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	7 DL1TRK G8APB GM4KHE IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	
34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	13 JA2LWD K4AKX K4WY PY2MC W4PWF	6 CT2FEY DU0A EI2JC JA7NGE	
33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB		
32 N3LRH SM6WET ZL3TE	21 EA1YN	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ		
31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR			
30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)			
29 HL2WA OE4VIE	18 AJ6V KJ4EU			
28 CT8/K0RUI E70A JA6CRP				

YL2CA	G7SQS
YL2MU	G8TTI
	IK5BSC
2	IW0AFS
5B4ALJ	IZ0BTV
6K5XZE	IZ2CSX
9A2GA	IZ3DBA
9K2NO	IZ5FSA
BV6CC	JA1GZK
CO6CBF	JA7DPC
DF3VG	JA7VXB
DF8FT	JH8XVT
DK1CO	JI1HNC
EH4BPJ	JJ1PFC
ES8JX	JL2ULM
F5TMJ	JN3ONX
G0THY	KC3KJQ
G4DDL	KG4JSZ
G8GNI	KH6WI
GI4ONL	KP4DER
IK1IYU	MM0INH
IK2GOQ	OK1UU
IZ8XQC	ON6NA
JA6AVT	OZ1IKY
JA6SZV	PU5SVE
JA9FAI	SM3GBA
JH3MHI	SM6LPG
JP1HDK	SP7EXY
K4KZM	SQ5NRY
K7LY	UN8G
KEN IN NEBRASKA	AUR5EDX
LA2CQ	VR2VGM
OH3KAV	WB7VUF
SV1XV	YO8WW
SV3FUO	
YB2DX	
YL2KF	

1

3A2MW
 9A2EY
 AJ6T (EM66)
 BD4UJ
 CT1AHU
 DH8BQA
 DJ3ZF
 DL2DCX
 DL4ZAB
 DL8GAM
 DS5DNO
 DS5TOS
 EA2AA
 EA3WD
 EA4GQS
 F1VEV
 G4CFS
 G4VSS