

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 (25 Aug 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	N6JV	486	479	K4MY	N9BCA
AA0MZ	N7NW	KX4R	W5WVO		NA6MG
AA5AM	N9LB	KY7M	W9RN	468	NE1B
AA5C	N9UM	N0KE	WB9CIF	VE3EK	
AA7A	ND0B	N7KA			457
AI5I	W0FY	W5ZN	478	467	K4HB
K0GU	W0JW	WD5COV	AD1C	K3SX	KB8VAO
K0SIX	W0LGQ		AE5B	NY0V	W9WO
K0TPP	W3CP	485	K6ZH		
K1TO	W4UDH	K1USA		466	456
K1TOL	W5ADD	K9MU	477	KA0JGH	AJ4A
K4PI	W5AFY	N0POH	N5KO	KB6NAN	N4QS
K4XO	W5AJ	N5WS	N7ZO	W5THT	
K5ND	W5EME	W5VY	NC6K	WX7M	455
K5RK	W5FF		W6XK		K9MK
K5UR	W5KI	484		465	WA9DU
K5WE	W5OZI	AD6D	474	XE2K	XE2X
K7BG	W5TRL	AF5CC	K7KQA		
K7CW	W7GJ	AI1K	ND4X	464	454
K7ULS	W7JW	WQ0P		KB9OWD	WB7CJO
K8SIX	W7KNT		473		
K9CT	W7MEM	483	NQ7R	463	453
KA9CFD	W9FF	AC0RA	WB0O	NI0G	K4YMQ
KA9FOX	W9JN	W0VTT		W5XC	K6EID
KD5M	W9RM	WA7HQD	472		K7PI
KG5CCI	W9XX	WB0ULX	KB7ME	462	KB9DAK
KM0A	WD5K		WD8JJA	N6ORB	N9FN
KM0T	WQ5S	482	WE9R		
KO9A	WS9V	K0BJ		461	452
KR7O		N4WW	471	N4JQQ	KK4MA
KV5W	487		N9PGG	NA9RB	N5BO
N0LL	K7MAC	481	W0RH		N8YO
N0LWF	K9YY	KC7QY		460	N9BX
N0PB	N0AKC	W9VHF	470	K5OMC	
N0TB	N7CW		K4SO	K8ZM	451
N1AV	N7IR	480	K5RT	KF0M	K1HTV
N3SL	N9ISN	K5GZR	N4SIX	W3UR	K5WBM
N3XX	NA6L	KC7V	W07R		KD3CQ
N5DG	W3IP	N4TB		458	WA1EAZ
N5NA	XE2CQ	N5EKO	469	K9NW	
N5OMG		XE2OR	AJ4F	KG5THG	

450 KF8MY W0MU	N5TJ NM5U	423 W4DR	411 N1EVK N9EAT WR7X	400 KT8O W0JRP W3UUM W7FI	389 W5MO
449 KF6HI N8OC W8TN	436 NZ3M W3TC WB8ART	422 K0DD VE6WQ WB5JID	410 K3UA KB0V KE7SW KI8G	399 NN4R	388 K0IP W4WRL
448 K4XP KP4AJ W3LPL WB8ZBT	435 KF6A	421 NE6I	409 K5PI N5SYV	398 N8IEZ W1NG	387 KV4T N0FJP N4CH
447 AH0U KS7S N2NL N4SC	434 K1SIX VE3LYC	420 AD5A	408 K7SMA W7BA	397 AB4EJ KE4TH KI0E W8LMG	386 JA7QVI KF9UG N7IJ W5TFW W7AH WE4S
445 KG7CW KU7Z N4LR	433 KE8KMX	419 K7NN W0GN W5AL	407 W4AS W5CIA W7Yaq	396 AB4SF AG4W KB8U	385 NK1K VE6MB W4WTA
444 K4SSO N7BAV	432 K3FRK K6GXO N6KK WW1L	418 N4UFO	406 AK3E K6FG K8EB	395 AA5XE K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH	384 K8ROK N2WK W8OP
443 AB4IQ K5XI N4MM W3LL	431 AA1ON K0TLM	417 AA5JF N4HN	405 AA4SC K1GG K5CKS NE9U WA1NLG	394 K6RO	382 VE3YXO
442 AG9S N2QT N4TL NJ6D	430 K1TEO	416 AC9DX K4RWP K7ND KO4MA NI0P	404 N2ZX VE4EAR W5SUM	393 K7XB K7XC KD5XB KV7N	381 W3VZ
441 K8TB K9KLD	429 K5TA K8ZR WA5JCI	415 K7AWB K8JH W0GJ	403 K6VHF NH6T/W4 NY1V	392 AF4HX K5HPT W6OMF	380 K7MCX NK0S WA5LFD
440 W2IRT	428 K9APW	414 K0DEQ K2TER KM8V N0GZ W4TV	402 K3FM	391 W4AVY W6TMD	379 AB9BH N8WNA
439 K4ZOT K8ROX N4QWZ	426 N5OK W5JAY	413 AE5FM WA9LFO	401 K4CKS KM3V	390 KZ2I WF7T	378 KR4BD
	425 K6ML	412 VE2XK 6M FN07R4			377 AB1OC N8LRG NT9E
	424 K6JJ N4UFP N9AKR W3EP W5PR WB8BPU				

376 K8GI K8VFX N3OC N9JR	K5KEW N6QQ	VE3XN W0KKK XE2ML	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV	W3GQ XE1YY	WA2AEY WX0Z
375 K6QG WB4OQX	363 VE7BV W1JR W4NH	351 W7IMC	332 AA7UN N4JDB N7KDT VA3IKE W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG	
374 K0TT KV7K N6GP N7DB	362 WA5OLT	350 N6VI WB4KTF	338 NA5Z VE3SXE W4MAY W9XA WA5KBH	331 K0SRL K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T
371 AA4ZZ N3PS WA6BYA	361 K8BL K9NR KB1EFS N1KDO N8KOL NG4C W4ER	349 K1GJQ KA0BAD	337 K8ZES W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 JG1TSG N3ALN VA6SZ
370 K5TN KG8P KN4SM KS4YT N3MK NT0V W4FC	360 K6UM (CN85) W0NOZ	347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD N2JJ W2OR W8WG W9DCT WX4G	321 N0LD N7RO NC7B NS4C W9VA
369 KF8UN N2DPF	359 AA4FF K0CAO	346 N9XG	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KN4NN W9GKA	328 K6ME N5PT W2CNS WB3LHD	319 N7US
368 N4JP W5RCI W6GMT	358 K5RLA	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI	327 KJ5RC N0YO W2JU W7YA	318 W4HY
367 KC4HW	357 K4LVV WA9PWP	343 K5EK KK0DX N3RC N6KZ N8HRZ	333 AA4LR K0TC KM4HI N0IGZ	326 K2ZD K6LMN K6TDI NG7M W0PR W3HDH W7JLC	317 KA8SYV W1SKU
366 KI7JA	356 K7PT	341 KD7DCR N9LF NX7U WA7YAZ			316 DK8NE K3FN KA0ABA W4UCK W9BWR
365 K4JJW K6EME WA7PDC	355 AA4FL N3AIU (DM45) W1DYJ	340 K0JDD K1ST N0AN WA9M			315 K0PG K5VH KM3T NY2NY WA8ZID
364 AB5EB K0RAR	354 NU6S			325 KF2T	
	353 AF2K K0CS				
	352 K7LOL VE3DS				

XE1AO	304 K6IPF NS4T WA0GUD WA8MCD	295 KE4P N6AR N7NT	K9UO NS7K	277 AC7JM PV8DX	WI7P
314 KU4XO			284		268 K1DT K6OJ KI0HA N9ZTS W0KAN WB9PNU
313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV	AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)	276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO	
312 AF6O K4NNX KA2GOJ N3KN	302 K2UU KB2TGU	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	283 N5OHL NA5DX WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB
311 AC9S KS4XQ W2BZY W5DB	301 N0HJZ W3SW W7IB W9OBG WB0TVY	292 KJ6P N4ST W1SSN	282 AA0ZP N8JCM W4WM	274 KB1DMX	266 K1OA K1WVX K3HPA TG9AJR VE3MSC WB8EJN
310 N1NK W9KVR WO4DX	300 AA4V K0PHP KB6VFC N1RR WA2BAH WX2S	291 W1WHL W2CCC	281 AA8MA JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS
309 AA9RR	299 KX7L VE6WK W1LE W8UV WB5GVY	289 K2BLA K4MM K9FA N5BCA NQ7G W4LTJ	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV W3HHN	264 AC8L K4JAF N0TK N5AO NF1O
308 WA4HFN			279 N3JPU W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	263 AK4PR K7MDL K9AAA WB7QBS
307 AG1A KE5K KS4S W9RPM	298 K0MLD KD4WSC KK8MM N4IQ W0JM	288 K1NU W1DU W4HLR	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KF6XA N5EPA N5WD VA2CY	262 K3CWH K5VR N5PA ND4DX WA0KBZ
306 K4QE KE8Y KL7HBK WV9L	297 KG5EIU N8YQX	287 K8DP KC7MRQ N8CGY W7CT WA4NVM			261 AF2F
305 K3VAT K6UM (CM88) KT1J N4SV	296 K4XR K6YUI KC7RW	285 AB0S K5CZD			

K3TWK KB8UUZ N3EW W6TCP W9TA	N4GBK N5SIX N7QOZ NR0Q VE3OTL W8FIB WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA	238 AA3GM JP1LRT W1MJC	229 GD0TEP K6RG KB9RUG KC0VDY KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT
260 JM1SZY K6JAD K9MQ N6HC NT7C W3DF XE1YD	253 F4BKV KG4ERR N2XQM	245 AE4M N1IA N3XF VA3CW	237 K3KO		
259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	251 AD5JK AE4WG K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N6PM N7XCZ
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/0	250 AA9LC KS9J NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA	234 KE6FCT	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)
256 JM1IGJ KL7NW N8ZJN	249 CT1IUA JR3REX K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO	233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	218 K1XH K4IJQ KB8KVJ NA5C
255 K8MVZ KG4JPL W4HFZ WA8KNE	248 K1ZZ W6VFA	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	232 K5FO N9NJY WA2OTC	224 JA8ISU K2RET NJ8J	217 ND4V W4DEE
254 KG9Z	247 JA1UAV N5DD W3TEF	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	231 AI9L K4MIJ K6HEW KF6GYM W9XT	223 K7UA N2ZA NJ7A	216 K7RB N0IS NE1F W1AW W5RWF
			230 K1ZE KO4MM VA3XJ WB0WAO/8		215 AL7OC K2SX K9OHI KI5FJ N2YU N6KW

214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ	206 AA9JC AB0CT AK4Y CT3MD DJ5FI K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	WA1MKE WA9ASZ	WK8A	KQ0J	W4RBO W9BS WJ1B
213 K3DFL KI6X W0NBC		200 4A2MAX K4YJ K5DB K6ZZ LU4FW N7PHY N9AG VA3VU	193 K9AB KD2NF	186 K8PT K9SG KN7K N0XLR N6ZE	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI
212 AB5C JF8QNF KF7NN N1SV N2OA		199 N3KFV W4OEP WB0YEA	192 AA6AA N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC N8XE NA2R PY5CC W3OU W5BPT XE1R	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ
211 K9FOH KD3HN NE8S PV8BR W2ZDP W5HNK W6AER W6KAP	205 AF4OD K8SD KE4HOA N5ITO W8QID	198 4O3A AC8TO JR2HCB N0UK N7EPD W8DM WA7KYM	191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	184 AF5Q K0DEW KR4M N1IBM N3FX N4BG	178 HB9EFK KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD
210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T	204 K0OZ LU2DX WA3DRC	197 I0WTD K3EGE N4BAF W3TW W5CTV	190 K5ER KC2DLD KN4PPD N9UA W1ATV W2OO W4GE W8SP WB0DBS	183 K5RQ N0UBL W2UDT WC4H	
209 AA4IB W5WGF WA4NFO XE2N	203 K0VSV K5HYT K5LOW N0HF N8SYF NX0I W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 AC0W KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG
208 AI2N CO8DM KD5HIO PV8ABC	202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N2WM N3XJX N4DTF N9MSG NY0A	176 AD5ZA EA5BY JA1OVD K0DI K6ZZ (EM78) KX9X N5QGH
207 K6US N1BCL N8NJA	201 AA7WB KC5FP KO9V KR0I NN0K NR2C	194 K2MRK N3FA N9NFT WF1H	187 AA8R KC5N		

N8URE (FM19)	W0PE	163	156	150	VA3TTX
N9ARX	W4IHI	K2JF	IZ8FFA	KW4BY	WA4JA
NP4BM	W4JKC	K2YSY	K2KJ	N9LAH	144
W5AFD	WK3V	N5XZ	N3RN	VE3OAT	K0TLG
WA5IPS	169	OE6IMD	N9KO	W7APM	K5TDW
WW2R	K6XC	162	VE7VDX	149	K6JRA
175	KD5OMJ	AF4GK	155	AB6CF	K8MN
K3MD	N2BEG	K0QB	CT1BWU	K4SAN	K8WU
NE5TX	N5XES	KA1R	K3TD	KK9H	N9DI
174	VE3HHT	KD4TDI	K6XN	W3UA	W5MPC
K6WRL	W8KNO	UW5ZM	N5RMS	WB4VHF	WO7GI
KC0IYT	168	W9JJB	N7AU	148	YV4NN
KC6ZWT	KG5ZMQ	W9VS	N9OBE	AC0DQ	143
KG7P	W2PD	WA1Z	TG9ANF	AG0A	K6JBH
KU0A	W8WEJ	WB0WAO	VA3NQ	K0RU	K9QFR
N1MGO	W9HT	161	WV8DX	K7IU	KB8RJS
NA2NY (ex-NA1VT)	167	K0KVR	154	KB2YSI	W0HNM
NA6O	K4MQG	K4EA	AE4NT	N0TM	W0UHL
W3SO	KB1YNT	KB3CWQ	KB9VMW	N1TOR	WB0MMC
WA2PNI	KB9REV	KK9M	KW4OV	N5ZBI	WM5H
173	KE5EP	N2YBB	NZ6N	PV8AJ	142
IC8TEM	N0NHW	V44KAI	W3ZQN	W5DM	NA2X
K2ZZ	N00T	VE3LC	W4DWS	W6VNQ (CM88)	NC4VA
K5YPV	TG9ADQ	W4HOG	153	WB6RAB	W5SWV
KE4SCY	W1BAT	WA1LAD	AA4NC	147	WA5TKU
172	166	160	AB4GG	AF6AV	WS4V
AB9KZ	JA3LZS	AB1QB	K7AD	IZ1LBG	141
K5ZED	KC2GHT	JA1AFR	K7ZD	K6PSP	JA6RJK
KI4PKW	N5VU	K5IQ	N1OFZ	KC1BUF	K4AR
KJ6HI	NA1VT	WL7OU	N2ADV	N8IK	K9ATX
VE2PN	NC4RY	159	N6DHZ	VE3CX	KT8TD
W4ABC	VA3WEB	G0OIL	W3DQS	W4YCC	N9FIV
171	WB4KXS	K4MZ	W5FI	W5WOX	NV4B
AA4PB	165	NS7B	W9DHI	WA0VPJ	W4FS
HP2AT	K4DXT	W1EME	W9ILY	WA3YGQ	W4POT
KC5GSK	KD5HPT	W4TTO	WB5ZAM	146	W6ZI
KC5YCH	W0RIC	WB8NUT	152	K2GW	WB9WHQ
KI4TZ	164	158	AA6I	K8YTO	WR7AY
NS3L	K2SD	K8CR	N0RC	KB0YH	140
W1PX	K5VWW	KI0D	N1NUM	KB5ZEA	AC5DK
W6IA	KD0UHN	N2CG	NU1T	KC2TN	BA4SI
WA2KBZ	KF9US	157	UT7QF	KM5TY	CO2WF
170	W4CSW	K4FX	WO4G	N4HID	K7SAM
K3LL	WK7G	KB8GC	151	VA2RC	KC0MEZ
K9TVG	WQ7F	KC2WUF	W1ZT	VE1VOX	KC8TMU
N8CN		WA7NB	W2DXE	145	KJ4KVC
NA2U				KD7YZ	N1EN
				V31MD	N3VOP

NJ0U	W6BXQ	VE1DX	125	VE7JAC	KI7BP
VA3FLF	WB8BZK	VE2TZT	AA7DK	WD0GTY	KT8X
VE3KY	WW2DX	W0PHX	K3PU		N1QDQ
W4GPM	XE1H	W2LES	KC5DRI	121	N3JNX
W4TUN		W3FEY	W2AJM	AE1P	N5EIL
W6DQ	134	WA2SEI	W3UQH	K0MFI	W2AC / WB2ABK
WA4KXY	AB1NS	WB4YDL	W4DFU	K4HBI	W2AC/WB2ABK
	AB4GE	WW5W	WA6POZ	KB2WAL	WB2KSK
139	AD4TT		WB4OMM	KB5MH	
KC7JPC	C6ABB	129	WE1P	KE4JFS	117
KM2O	GM4UYE	8P6ET		NE0P/9	AB5J
KU0G	KE5FXE	JF4VZT	124	UR0MC	K4WS
N7T	KF6UFO	K0KD	K0DLW	W8DN	N4USG
NA2AA	N3AIU (DN70)	K5QWO	KB0HH (EM06)	WB9TFH	N5JEH*
TF3JB	N8GOU	KC8KSK	KD5FTD		N5LPT
W4OV	W4TKI	KF4NEF	KM1C	120	NA7L
WB2JIL	WA3WZR	KM5LY	KT5MR	EA1YO	NU6V
WY0V		KM5SC	N0SL	K2CYE	W6WE
	133	N9WBR	N9AZZ	K4AU	WA1TBV
138	KA5ETS		PV8AAS	K4CGY	XE2PXN
AC0XY	KC1RET	128	W1TAM	KD0R	
AI6O	KE1VT	JR2LJO	W3KN	KD4MZM	116
KD7WPJ	W0RT	KC7QAG	W6SCQ	KD5BRF	EA4DEI
KE0A	WI5D	KJ6SDF	W7YM	KE4SCY (FM06)	IK7EOT
KE3D	WW7Q	KN4DMN	W9CDL	N3YPJ	K4RGN
KE8RO	XE2O	N1SFE		VE1JC	KI6QDH
KQ4KX		NR1R	123	VE3XK	KU5B
N3XH	132	W0WT	AC7AF	WA6RAY	N0VR
	AB3CV	W5ZO	K9SM	WD4OHD	N00B
137	K5VG	W8FR	KB0GT		W0DHB
N1SZ	KW4G	WB2WEO	KB0STN	119	
N5JGK	N4PPH		KG6DHQ	AE5AU	115
SM7AED	N7TP	127	VE3TG	K0AWU	K9AAN
	NE1I	AA9RK	W1HS	K1ZN	K9MMS
136	VE3TM	K3GYK	W3DIY	K2SQS	KE6TVM
K0XXX	WN6K	K7UV	W3SE	K4MSG	KF0QS
K4SX		K8AC	W4PRZ	K7JIZ	KF9AF
KC5LK	131	K8OS	W5EWF	KF7PCL	KM5FA
KC9AXZ	JR1BAS	KB3OZC	W7MHW	KP3V	N7VGO
KJ5RM	K3NAT	KB9TLV	W8BI	KT0P	VK9DX
KV1E	KG9R	KC0RQH	W8KHP	KW7N	WA3BZT
NO1R	KT3X	N6UTC	WA8WV	N4UPX	WC7V
W2JCN	N2CJ	VE2JWH	WB2RVX	W0QC	
W4AVV		W1FLD		W4SW	114
W7UV	130	WA6BIL	122	W7QQ	AC8HU
XE2JS	AB0X		K7AED	WI4T	K3RTU
	G4BWP	126	K7OGW	WM9M	KC4GCK
135	K0GUR	KJ7G	KA9JAC		NF8M
CU3EQ	K4JKB	N0BDS	KB4UF	118	VE1WOW
K4MWB	K8LG	N7DGI	KB5WFE	J68AS	VE3IRR
K8ZIZ	KC4NX	WB4HUC	KC5UGX	K4AZV	W2JLK
LY3W	NG9R	YL2AO	N5HYV	KA4LBD	W2ZQ
N4DB	NO8D		VE6PY	KF6MXK	W4ALF

W4UFO	N5TIF	WB4PPW	KC1LXO	K9AM	AI2S
W5DWA	N5YM		KC2TR	KA3ZLS	AI9U
WO2C	W7JET	106	KD9GKL	KB8CR	K2UA
WX4US	W7UP	K0MEI	KJ7OG	KC6WFS	K4UQC
113	109	K5BJW	KM6WXB	KC8DMN	K5GM
AB4PM	AK6ZZ	K7BWH	KO4LZ	KD8NYO	K5KV
AD5MD	IW1ARB	K7JE	N0STP	KE1AU	K8IJ
HB9BZA	K2DSW	KB0TIJ	N1LDY	KJ4M	K9CC
K3DQB	K2JGL	KC7ICM	N2FBQ	KR5V	KB9ZLB
KD4BPZ	K2OO	KE5JXC	N3UPS	N1HOQ	KC2HLI
KD6VCD	K5DNL	KJ6MBW	N7AGF	VE7ZD	KC8CC
KM5OL	K9GY	KK2DOG	NJ1H	W4RVZ	KC9CMT
N3JDQ	KE6GLA	N0RQ	VE2PIJ	W5DPT	KD3SW
N4YCI	KJ6CA	N1USB	W1TE	W5OV	KE5CVM
N5YK	KZ7N	N2IPH	W1ZE	W7UT	KF0Q
W0BM	N8TMW	N4CE	W4KVS	W9NFL	KG5X
W8MSP	N9TTX	N5FPW	W6ZQ	WA4IOB	KJ5OA
W8VW	VE3AAQ	N5YHF	W9EBK	WA8EQP	N3TBB
WD0ENC	W0YJT	N8HM	W9MDB	WB5FDP	N4NIA
WU3U	W1OP	N9XMU	WB2VUO	101	N5RZK
	W4ZRZ	VA3OKG	WB8BZK/VE3	AE7V	N5XTR
112	W5MPC/1	VE3AJY	103	AI5WW	N7EME
K2MLS	W7RJR	WB6VYH	AA5CK	K0IN	N8COP
K3GD	WB6YIY	WQ9F	AB0YM	K0SBV	N8XS
K5WTA	WB9W	105	AB5SS	K0WJ	VP2MRM
KA7T		AC4Q	K2OY	K2NUD	W2CH
N5HMH	108	DS4EOI	K4MVL	K5DWI	W4/KL7GLL
W1TR	CF3VRQ	K4SJA	K8ZEE	K5HX	W4OZK
W5DQ	JA9IPF	K9MAL	KA1W	K7SYS	W8BZY
W6OAT	JP7EIP	KB3JGS	KB0FHP	KB1JDX	W9DQ
W7IV	K5OPB	KC0JYT	KB2SGX	KB4KBS	WA5TLP
W9PN	N3MWQ	KC4KK	KC9FFV	KC6AWX	WV9E
WA8TWM	VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99
WG3K	VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD
WX3P	VY2RU	N4NQY	KR4NO	KG9IL	AB3TM
XE1GK	W4AMP	N5SAN	N0YXE	KL2R	G4FKA
111	W4CRN	N7YY	N1JIF	KR4WM	K0YO
K8BB	W5AAJ	NE9O	NF6P	KR7LD	K4KEW
N0SLT	W8EH	PU4JOE	NN2D	N1IX	K4WQ
PC3T	W9VNE	VE3VRQ	VE7DXG	N4AOE	K4ZO
W8GBH	107	W8MIL	W0TF	N8VEA	K5VPQ
WZ8P	JA3EGE	W9RVG	W3LEO	N9DVS	K7DD
110	K5UIC	WA4MYO	W6IT	ON9CMR/WO	K7PAP
K5KR	KF7PG	104	W6XU	VA2LGQ	K9ZZE
K7LD	KI9A	AB9YC	XE1RBV	W4LLP	KA0ZEE
KD5J	KK4LUM	AC5K	102	W5KBD	KC2IEB
KI0F	N3TTT	AC5RN	AA9MY	W7ISG	KC6X
KP4JRS	N9OI	AC9QR	AB8JH	WB8IMY	KD4MWO
KQ4LA	NF0T	IK4DRY	AD6KH	WD5IYT	KD6RUH
KX5U	US0KW	K5PPP	K0HAQ	100	KG9AP
	W2TTT	KB9RNO	K3HW	AC0FT	KR4UA
					M5MYH

N4FV	WD0E	K4EQH	N2WLS	KV3W	KD0QG
N7HRT	WH6LR	K5CRJ	N3WAV	N0LNE	KE6AZX
N7JPF	WT5H	K8EMR	N4ET	N0LP	KE6UMW
N7TE	WV5Y	K9OT	N5BLY	N2SU	KE8RPJ
N8GHZ		KA2NDX	N5ENU	N3JBH	KE9V
N8YV	97	KA3HED	N5KI	N3XBG	KI0J
N9MKC	AB8M	KB5GI	N9IV	N3YUG	KK7MNC
NB5R	AJ9C	KB8PNS	N9LJX	N5ZMP	N2BX
NH6CJ	K0HB	KC0HBP	OE9KFV	N6HY	N2YTF
NI5W	K0JQZ	KD6PY	PY2KP	N6MXU	N3AO
NS2P	K0QEI	KI5TE	VA3KS	N7NH	N3ZBK
VE2HAY	K0SH	KM5NU	VA3PZ	N7UN	N4GOA
W2HOG	K0YQ	KR4EE	VE3KZ	N8WWM	N4YHC
W2VU	K3HZO (FN20)	KS4V	VE3SPW	N9DD	N7EGY
W5JLC	K4GTR	KT5RR	W4YZJ	N9UNX	N7JI
W6TJU	K4JQU	N0WVU	W5ADA	VA3MA	N7KSI
WA5TRX	K8XF	N2LID	W5CBF	VE3RX	NA9D
WB5NHX	KA2BSK	N2VHZ	W5RCQ	VE5MX	VA3JFF
WB7VVD	KA7EII	N2XK	W7JWC	VE7AB	VA7QI
WK5X	KC0YBM	N8PAQ	W9SX	W2GR	VE3WMD
WW2R (EL09)	KD5CKP	N8YBY	WA2ONK	W3IPA	VK5PJ
	KF4KSN	NT2A	WA3I	W3TA	W0MHK
98	KM4NYI	NW5Q	WA4WR	W4LNG	W2VTV
AC2RL	KT5WB	NY2Z	WB2SIH	W5ODD	W3ZGD
AD8Y	N1VMJ	VE2DCP	WD8DOT	W5PUF	W4VG
K0KC	N3UMA	VE6RGU	WS4S	W7NX	W5DMT
K0UD	N4BH	W1HMM	XE2AT	WA7LHZ	W7EIR
K3IXD	N6MA	W3VHF		WA9BXB	W7TRX
K3QIA	N9APK	W4KK	94	WT9U	W9IFW
K4OP	N9IO	W4TMR	AA4RP	WV2I	W9NED
K5HOB	N9KY	W7JHS	AB4VT	WV7S	W9WI
KA1EKR	NK7C	WA3EEC	AD1DX		WA5ICA
KE4LGL	NU0Y	WB0M	AK8CW	93	WB5CON
KG4YOU	NV3K	WB5KJE	HK4SAN	AG2A	
KG7E	VA3FIN	WP4LNY	K0ARM	AG6CV	92
KJ2G	W3QT		K3BEE	AI8F	K1EY
KK0CQ	W4CWA	95	K3TUF	IZ4DPV	K5GDX
KY0Q	W4DAS	AB9AI	K4JRK	K0IW	K5TDA
N0JJQ	W4ID	AE0G	K4LDC	K0RM	K7FU
N1JHJ	W7DN	AE5EO	K8GT	K1PTF	K7HKR
N3LRP	WA6OSX	IK8YTA	K9DOG	K1ZK	K7UWR
N5TEY	WA9LEY	K1PNQ	K9SUL	K2AK	KB0PQP
N8AID	WB8RVK	K4ED	KA2F	K2MTS	KC4JNW
NO5X	WB8ZTV	K8KFJ	KA9UVY	K4DAM	KD4QMY
NO8R	WE8L	K8ME	KB4YKC	K5TRI	KE4WBO
VA3VF		K8VD	KB7AK	K6RM	KG4URP
VE4XTZ	96	KD7WH	KC0AUY	K7IP	KR7X
W2KRP	AD5OW	KD8DR	KC3AK	K7TRK	N2SG
W6TE	AE4TQ	KD9ZR	KD4VRZ	KB0USF	N3GH
WA2FGK	AK4F	KI0SK	KE3WM	KC5TGT	N4VN
WA3TLT	K2CK	KW9U	KF0LA	KC5TT	N5QO
WB1GQR	K2UF	N1XK	KG4NLZ	KC9TTR	N6FD
WB2YDS	K2UNK	N2SLO	KU4JZ	KC9UL	N6RPM

N7DED	W4MLN	K5JAZ	N4CAG	UT9FJ	K8SIA
NS6E	W5KDA	KA0MWA	N4GN	VA3MDB	KB3HHA
UT5JAJ	WB0NRV	KF4TVL	N4KIN	VA7LM	KB9LIE
W1PV	WB7X	KI0G	N4UC	VE7IRU	KK7BV
W2ACY	WC4V	KI4FW	N5VBK	W8IW	KU4WW
W2CVW	XE1GZU	KI4US	NS3X	WA1PMA	N5PD
W3ACO		KR4U	NT4TN	WB4GCS	N6KTH
W3GP	90	N2GZ	VE2VLJ	XE2AU	SV2AEL
W3HZU	AA0LM	N5KAE	W2BZR		TG9AKH
W4BP	AB4WL	N8YSZ	W3YX	85	W7USB
W4LIA	AB9DU	N9RG	W4DL	AC3KE	WD6T
W6NS	AF5BG	N9UDX	W4RXR	AC9GK	WD9IOK
W8JV	DL1SMA	NE2U	W7HDD	EI3IO	WI6Z
W9HBH	JH4JNG	VE3VCF	WA2BTR	K1UU	XE1MM
WA3JKB	K1HC	W0HRO	WA5MD	K4LRP	
WA4EEZ	K1KA	W1HY	WK3N	K5MJP	82
WG8E	K3CWF	W2JEK	WV8O	KB3MXK	AD4IE
WM3O	K3UAL	W2OK	XE1SOV	KC0V	CB0ZA
	K4AAP	W4ZMM		KE4DRF	K3RJK
91	K4FTP	W6VNZ	87	KK4AND	K4JMX
AA0CW	K4XZ	WA7SDI	AC0A	N2RJ	KA5WSS
AD3Y	K6UIP	WB3IAL	AG4I	N4LS	KC5YKX
CO2WZ	K8EAB	WM6Y	K4JC	NJ1Q	KG4KVZ
HB9ALO	KA5TJI	WQ5C	K5UZ	VE3GFN	N1SF
K0CFI	KB5FHK	WR5AY	K5WO	VE7DAY	PU8TEP
K1UR	KB7BSA	XE2NL	KB1VUN	W1WV	W5DAS
K4SPA	KK4DZP	XE3DX	KC8NAH	W3STU	W7YOZ
K6YK	KW3DX		KE6WOX	W4IT	W8GG
K7HPN	N2ULL	88	KI6RRD	W4RA	WA2ONG
K8OI	N4BRF	AA4QE	N0ELA	W6ST	
KB2YWU	N5BA	AE0DX	N2CJN	W7SIR	81
KB3IAI	N9JJ	AE4OF	NE5S	W8DQ	AB4I
KB3NDS	VA3XOV	AF4MI	NI5F	W9QY	DF3CB
KB7AZ	W9CPV	K1RS	NN7RM	WA4WKL	KE4DZU
KC5POV	W9CSY	K3TN	W8GOC	WD4LSS	N6MM
KC8LGL	WA2BEV	K4XD	WB3IGR	WF4R	N7NEV
KE1IU	WA8OJR	K7CTV	WB8JAY		NI4Y
KE7RTB	WD9HCF	K7WV	WF4W	84	W3MC
KG4QWC	WE7H	K7ZYV		CT3FT	WA4ZXV
KI3O	WEST SEATTLE	K0MATEUR	86	K4EZY	WA8ZNC
KI5BLU	WH6LE	KB2KIR	AG1T	KE6NDG	XE1EE
KM7N	WM7C	KC1GWX	K7FB	N1KI	
KM9I	WT4C	KC3MLC	KA9OKH	N2NWS	80
KQ6K	XE3/K5ENS	KE8UM	KB7JJG	VE2WBK	AC6BW
N3PPH		KI2D	KI6HQT	W8PU	K7FR
N3WCM	89	KI4RFM	KN4MMH	W8SGR	KE4PT
N6DW	AB1TZ	KJ4KW	KP4TB	ZS6NK	KR4Q
N7CZ	AG2AA	KQ4AJI	KT1R		KW1DX
N8DEZ	AG7NR	KU4S	N2NF	83	N2NS
NR4J	G4NBS	N0OK	N3MVF	AA6E	VY2HF
NU4N	JQ1TIV	N1CEO	N8TFD	DL5XJ	W2DEN
VA2BBW	K4BMM	N2MKT	NZ3O	K1LH	W5TTY
W2SUB	K5CX	N2ZN	SV1RK	K4SQC	W7AM

79 JF1LMB K4RW K5JBT KB4DSL KP4N N2COP N5YJZ N9RC VE3CFK W2GW W2SKI WN0L	WC6DX	K5EJ N7UJJ OK1MP W4CCS	54 AG4KI JR2SQZ	41 E75AA	30 E72X JO7WXN WA6DNR
78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	73 JF1IRW VP2MJD W4WT	64 K3BQ WD5GRW (EM13QC)	53 K0BBC PP1CZ	40 JR0QFA WB8TGY	29 HL2WA OE4VIE
77 K1IFJ MI0AYR	72 N4II PV8ADI	63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	39 AA5PK	28 CT8/K0RUI JA6CRP JR7ILA K0FMI OH3DP
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	50 N8MR	38 DD3KF DG7RO DU1EV HL4GAV K8YSE	27 E70A KC9ELU WP4NIX
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL US5WE W4LVH W5UC WP4NEG ZL3AAU	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK	49 HB9RUZ	37 BA7NQ DS4AOW HL4CJG JA9APS JH9DRL OE3SGU	26 WB7QXU
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ	69 K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN KP4JFR S55DX UR9QQ	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE
	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	47 HB9RYZ JE1VTZ N6PAZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
	67 JG2TSL KF4JHG KK4YEL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	45 JA6WJL K4TXJ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
	66 K6KLY UX1UA	56 HB9HIT KI5WA LU8ADX NI6T	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH
	65 JA1XEC K4IM	55 LA3MHA SP5APW WA2EMF	43 8P6SH CT1EEN HB9AOF K4ZIN LA6OP	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
			42 HA5PT	31 K7TM	20 CX1FK I1FQH JM1KVVW

N1WC	W4PWF	G1VDP	IV3GOW	JA6SZV	OK1UU
PY5EW		JA1CPU	JH7IPR	JA9FAI	ON6NA
W8LR	12	JE3PCP	JK6DXD	JH3MHI	OZ1IKY
	EA3GP	JG1JPE	UT5EL	JP1HDK	PU5SVE
19	F4ESV	JJ2NWI	VK4ZP	K4KZM	SM3GBA
DL1TS	HB9DDZ	N8RO	XE1SAX	K7LY	SM6LPG
EA6BB	IK2RPE	OH8LXT		KEN IN NEBRASKA	
JE2UFF	JK1UNZ		3	LA2CQ	SQ7EXY
J14WAO	JN1RQV	7	DJ5AV	OH3KAV	SQ5NRY
JR3UIC	N1IW	DL1TRK	DL2KQ	SV1XV	UN8G
PY2HN	ZS6WB	G8APB	EA1AR	SV3FUO	UR5EDX
SP8NR		IZ0INX	EA4D	YB2DX	VR2VGM
VE6TA (DO31)	11	JA2NDQ	G3LHJ	YL2KF	WB7VUF
	A65BR	LA3DV	HA9PP		YO8WW
18	DL2OE	N5ORT	HL2ZN	1	
AJ6V	EA4DAU	NJ4Y	IK0WRB	3A2MW	
KJ4EU	EA4ZK	UR5FEO	IK8EPC	9A2EY	
W0HBH	G4CTY	ZS4TX	J11CHH	AJ6T (EM66)	
	IZ4GWE		JM1GHT	BD4UJ	
17	JA2KVB	6	JN1BPM	CT1AHU	
G3LZQ	JA6QHQ	CT2FEY	JR6IQI	DH8BQA	
PY2XAT	KA5WRG	DU0A	KC0Y	DJ3ZF	
SP5XMU	PY2DV	EI2JC	PY5IP	DL2DCX	
SV8CKM	PY2GM	JA7NGE	SA7CJO	DL4ZAB	
		PY2VA	SV1VN	DL8GAM	
16	10	5	US0YA	DS5DNO	
N6VHF	DL4CF	DL5LH	W1CBY	DS5TOS	
TI2CDA	HB9BOS	EA1AAA	WD9EWK (DM43)	EA3WD	
	JH7IMX	EA7ZY	YB1TJ	EA4GQS	
15	JH8RZJ	G6MXL	YL2CA	F1VEV	
9K2BM	J12UDK	IK8GYS	YL2MU	G4CFS	
EI2GLB	PA5KT	J15USJ		G4VSS	
HB9FMN	SV2DCD	JJ1IDW	2	G7SQS	
LU5FF	TF3Y	M1VPN	5B4ALJ	G8TTI	
PY2RN	UR7DWW	MU0GSY	6K5XZE	IK5BSC	
UT3UA		OK1IN	9A2GA	IW0AFS	
WC2C	9	ON5UE	9K2NO	IZ0BTV	
	DL7BA	PP2RON	BV6CC	IZ2CSX	
14	EB1EWE	SK6QA	CO6CBF	IZ3DBA	
EA8MT	EC7ZK	VE2NGH	DF3VG	IZ5FSA	
IW3GJF	G6BFP	VR2XMT	DF8FT	JA1GZK	
JA2XCR	HB9GWJ	W1ZR	DK1CO	JA7DPC	
KB8DVT	IK3ITB	W2ZF	EH4BPJ	JA7VXB	
PA7RA	JA1MZL	YL2CZ	ES8JX	JH8XVT	
PV8RR	JA2FGL		F5TMJ	J11HNC	
PY2OC	JE1LFX	4	G0THY	JJ1PFC	
W9TTY	KD3UY	CT7/RC2A	G4DDL	JL2ULM	
	S51NM	DD6UAH	G8GNI	JN3ONX	
13	8	EK/RX3DPK	GI4ONL	KC3KJQ	
JA2LWD	DF1ZN	F1DFR	IK1IYU	KG4JSZ	
K4AKX	DH0GSU	GM4CFS	IK2GOQ	KH6WI	
K4WY	DK2LO	GM4KHE	IZ8XQC	KP4DER	
PY2MC			JA6AVT	MM0INH	