

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 (27 Dec 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	W5ADD	484	W6XK	KF0M
AA0MZ	W5AFY	AD6D		
AA5AM	W5AJ	K7BG	473	459
AA5C	W5EME		N4TB	N5NA
AA7A	W5FF	483	NQ7R	XE2K
A15I	W5KI	AC0RA	WB0O	
K0GU	W5OZI	K1USA		458
K1TOL	W7GJ	W0VTT	472	K9NW
K4PI	W7JW	W5TRL	A1K	KG5THG
K4XO	W7KNT	WB0ULX	KB7ME	N9BCA
K5RK	W7MEM		WD8JJA	NA6MG
K5UR	W9FF	482	WE9R	
K5WE	W9JN	K0BJ		457
K7CW	W9RM	KX4R	470	NI0G
K7ULS	W9XX		WO7R	W3UR
K8SIX	WD5K	481		
K9CT	WQ5S	W9VHF	468	456
KA9CFD	WS9V	WA7HQD	VE3EK	N4QS
KA9FOX				N9PGG
KD5M	487	480	467	W5THT
KG5CCI	K0SIX	K5GZR	N5EKO	
KM0A	K1TO	N4WW		455
KM0T	K7MAC	XE2OR	466	WA9DU
KO9A	K9YY		KA0JGH	
KR7O	N0AKC	479	KB6NAN	453
KV5W	N7CW	N5WS	NY0V	K4YMQ
N0LL	N7IR	W5WVO	WB9CIF	KB9DAK
N0LWF	N9ISN	W9RN	WX7M	W5XC
N0PB	NA6L			
N0TB	W3IP	478	464	452
N1AV		AD1C	KB9OWD	N5BO
N3SL	486	AE5B		N9BX
N3XX	K5ND	AF5CC	463	NE1B
N5DG	KY7M		K4MY	
N5OMG	N0KE	477		451
N6JV	N7KA	KC7V	462	K5WBM
N7NW	WD5COV	N5KO	K6ZH	KD3CQ
N9LB	XE2CQ	N7ZO	N6ORB	
N9UM		NC6K		450
ND0B	485		461	AJ4F
W0FY	K0TPP	476	N4JQQ	KF8MY
W0JW	K9MU	KC7QY	NA9RB	
W0LGQ	N0POH			449
W3CP	W5VY	474	460	KF6HI
W4UDH	W5ZN	K7KQA	K4SO	W8TN

448 KP4AJ W3LPL	N9FN W3TC WB8ART	422 VE6WQ WB5JID	406 AK3E K6FG K8EB N4UFO	K7XC 392 AF4HX W6OMF
447 AH0U K3SX K4HB KS7S N4SC	435 KF6A	419 K7NN W0GN W5AL	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A NZ3M W4AVY
446 K1HTV K6EID WB7CJO	434 K1SIX K5XI K8ROX	417 NJ6D		390 KZ2I
	433 W3LL W9WO	416 K4RWP K7ND KO4MA WW1L	404 AA1ON N2ZX VE4EAR	389 AB4SF
445 K4XP K7PI KU7Z N8OC	432 K6GXO N6KK	415 K5OMC K7AWB W0GJ	403 NH6T/W4	388 K0IP W4WRL
444 N7BAV	431 K0TLM		402 K3FM K7SMA	387 KV4T N4CH
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	430 K1TEO N5TJ	414 K0DEQ N0GZ ND4X	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S
	429 WA5JCI	413 AE5FM WA9LFO	400 W0JRP W3UUM	
442 N2QT N4TL	428 K9APW N2NL	412 VE2XK 6M FN07PJN8IEZ W4TV	398 W1NG	385 NK1K VE6MB W4WTA
441 K8TB K9KLD WA1EAZ	427 K4ZOT N4LR W0RH	411 N9EAT	397 K8JH	384 K8ROK W7FI
440 AG9S W2IRT	426 K8ZR N5OK W5JAY	410 KE7SW KE8KMX KI8G N4HN	396 K6VHF KB8U	383 KI0E W5MO
439 NM5U	425 K6ML	409 N5SYV	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO
438 K9MK	424 N4UFP N9AKR W3EP WB8BPU	408 W7BA	394 AA5JF K2TER KT8O N1EVK	381 AG4W W3VZ
437 K5RT KK4MA	423 AJ4A W4DR	407 W4AS W5CIA W5PR		380 K7MCX NE6I WA5LFD
436 N4QWZ			393 K1GG	

379 AB9BH N8WNA W6TMD	367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS	W9GM
378 WR7X	366 KI7JA	352 KF9UG VE3DS W0KKK W1DYJ WA9PWP XE2ML	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI
377 AB1OC NT9E WA1NLG	365 K4JJW K7XB KG7CW W4FC	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI
376 K8GI K8VFV N2WK N3OC	364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S	329 AA1QD AA8SW N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G
375 K6QG WB4OQX	363 W4NH	349 KA0BAD	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W4ER W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD
374 KV7K N6GP N7DB	362 W1JR WA5OLT	346 N9XG W8LMG W8OP	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA
373 K4SSO NY1V	361 AC9DX K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	333 KM4HI KN4NN N0IGZ W3GQ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T
372 JA7QVI	360 AA4FF K6UM (CN85)	344 K6FW KB0PE W1OW	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC	325 WA2AEY
371 N3PS WA6BYA	358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO		324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY
370 K5TN KN4SM KS4YT N3MK NT0V	357 K4LVV	341 KD7DCR NX7U WA7YAZ		
369 KF8UN N2DPF	355 KD5XB	340 KE4TH N0AN		
368 K0DD KB0V W5RCI W6GMT	354 N3AIU (DM45)			

323 N8II W8KEN WO2T	311 AC9S KM3T KS4XQ W2BZY W5DB	WB0TVY	W1SSN	281 JR1LZK K4OY NL7CO W2YE
322 N3ALN VA6SZ	310 N1NK NJ7G W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	291 KS4S W1WHL W2CCC	280 N0KV NM5Z W1FKF
321 NC7B NS4C W9VA	309 AA4LR	299 DK8NE VE6WK W1LE W5SUM W8UV WB5GVY	290 JE1BMJ WA8EFK	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS
320 N4DW	308 WA4HFN	298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA KV7N N0LNO N8BJQ NN1N
319 KF2T N7US	307 K1ST KE5K W3ATV W9RPM	297 KE8Y N8YQX N9LF	288 K1NU N6AR W1DU W4HLR	277 AC7JM NS4T PV8DX
318 W4HY	306 K4QE K6RO N0LD WB0OQV WV9L	296 JG1TSG K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	276 HC1BI K2CS K5TWJ K7TAB W9OO
317 KA8SYV W1SKU W3HDH	305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N7NT	285 K5CZD K9UO XE1YY	275 K1MAA K2NJ N4GG W0FK
316 K3FN KA0ABA W4UCK W9BWR	304 K6IPF WA0GUD	294 K6JSV W7IMC	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	274 KB1DMX WA8MCD
315 K5VH NY2NY XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N5OHL WA0FQK WB0CQO	273 KM4H KV1J VE6SH
314 KU4XO VE3XN	302 KB2TGU N3KN	292 KJ6P	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	272 KF8QL
313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN	301 N0HJZ W7IB W9OBG WA8ZID			
312 AF6O KA2GOJ				

KO4PRE N4SV	N0TK NF1O	256 N8ZJN	246 JA1UAV K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT
271 K7NII KB7FUV KM3V W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE		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 AA9RR 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 K1NJ KG7NV NN4SS	242 AE4WG K3WW KA3TCC	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L
266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 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 W2LV	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT
264 AC8L K4JAF K5KEW		248 K1ZZ W6VFA	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8
		247 W3TEF		229 K6RG

KB9RUG	221	W0NBC	K8SD	W8DM
KD5IKG	K5WMH		KE4HOA	WA7KYM
KE4UW	K6CQR	212	N5ITO	
N4NX	N0PSJ	AB5C	W8QID	197
NN5DX	N4ION	JF8QNF		K3EGE
W5LUA	N5UWY	JR3REX	204	N4BAF
	W4IFI	KF7NN	LU2DX	W3TW
228	W5JMW	N1SV	WA3DRC	W5CTV
K5RUS		N2OA		
K7HSJ	220		203	196
KF2ZQ	K7BTW	211	K0VSV	K0AIZ
N8AIA	N7XCZ	K9FOH	K5HYT	K0NR
W5HEZ		NE8S	K5LOW	N5DUW
	219	VE3SMA	N0HF	W2AMR
227	K1DT	W2ZDP	N8SYF	XE2ED
JM1SZY	K2RKJ	W5HNK	W1RM	XE2W
K3HPA	KE5RV	W6AER	W3SZ	
K8ZT	W6DPD	W6KAP	W9GFB	195
K9TF	W7ZSL		W9VOB	AA4W
KS9A	WB2WIH (FN20)	210	WA1KPD	JA7MSQ
W4KXY		K3MSB		K2WJ
XE1GLL	218	K9YC	202	K6VDP
	K1XH	KL7NO	K1BZ	KG6WIK
226	K4IJQ	N1TQ	K5GJR	
AF5WN	K5HPT	N6UK	WC7X	194
GD0TEP	KB8KVJ	WQ9T	WF8Z	K2MRK
N7CNH	KC0VDY		WQ5W	K3EA
N8UR	NA5C	209		N3FA
NM5S		AA4IB	201	N9NFT
W0VX	217	W5WGF	AA7WB	WF1H
W8RD	ND4V	WA4NFO	KC5FP	WK8A
WQ6Q	W4DEE	XE2N	KO9V	
			KR0I	193
225	216	208	NN0K	K7PT
AC9O	K7RB	AI2N	NR2C	K9AB
K9QJ	N0IS	CO8DM	WA1MKE	
KX9X (EN50)	N6PM	KD5HIO	WA9ASZ	192
N2WSY	NE1F	PV8ABC		N1LF
PV8AZ	W4HFZ		200	N2NB
W8AKS	W5RWF	207	4A2MAX	N3CAL
WN6W	WA2OTC	N1BCL	K4YJ	N3NR
		N8NJA	N5AO	N4LXB
224	215	206	N9AG	N4TV
JA8ISU	AL7OC	AB0CT	VA3VU	W6MTR
NJ8J	K2SX	AK4Y	W1AW	W8FN
	KI5FJ	CT3MD		
223	N2YU	K4GHS	199	191
K7UA	N6KW	K9YC (EN61)	N3KFV	K0ITC
NJ7A		KB0LYL	W4OEP	K9CS
	214	NA5Q	WB0YEA	KK6OH
222	KB9PJL	W0BNE		N9AMW
K0YY	VE3SYK	W4EJG	198	WA2BKN
K2TV	WA7AJ	XE1J	AC8TO	WA5CAM
K3AJ			JR2HCB	WD4JHD
KA1LMR	213	205	N0UK	
KD4K	K3DFL	AF4OD	N7EPD	190
WA2BOT	KI6X		NX0I	K5DB

K5ER	182	NY4I	N4GBK	K2YSY
KC2DLD	AJ6T CM87	SM7FJE	N8CN	N3FX
KK8MM	FP/KV1J	W5ZG	NA2U	N5XZ
N9UA	K5GMX	WA8UEG	W1MJC	
W1ATV	K8WK		W4IHI	162
W2OO	NZ1I	176	W4JKC	AF4GK
WB0DBS	W9JJ	AD5ZA	WK3V	K0QB
	XE1CL	EA5BY		KA1R
189		K0DI	169	KD4TDI
KC0MEA	181	KX9X	K6XC	N5SIX
WA5VKS	AB9FN	N5QGH	KD5OMJ	W9JJB
	K4CMS	NP4BM	N2BEG	W9VS
188	K5HDE	W5AFD	N5XES	WA1Z
AD7KI	KB8YKR	WA5IPS	N7PHY	WB0WAO
KD4HLG	N3XJX	WW2R	VE3HHT	
W4AZR	N4DTF		W8KNO	161
WA7VHF	N9MSG	175		K4EA
WU9Q	NY0A	PV8BR	168	KB3CWQ
WX9M	W4RBO		KG5ZMQ	KK9M
	W9BS	174	W2PD	N2YBB
187	WJ1B	K3MD	W8WEJ	V44KAI
AA8R		K6WRL		VE3LC
KD3HN	180	KC6ZWT	167	W4HOG
KQ0J	K0OST	KG7P	K4MQG	
	K4LYN	KU0A	KB1YNT	160
186	KC1MMC	N1MGO	KE5EP	AB1QB
DJ5FI	N1RK	NA2NY (ex-NA1VT)	LU4FW	JA1AFR
K6ZZ	N6PEQ	NA6O	N0NHW	K5IQ
K8PT	N6VH	W3SO	NO0T	
K9SG	W5HI	WA2PNI	TG9ADQ	159
KN4PPD			W1BAT	G0OIL
KN7K	179	173		K4MZ
N0XLR	K1EP	K2ZZ	166	NS7B
N6ZE	KU4WD	K5YPV	JA1OVD	W1EME
	N0LIE	KE4SCY	KC2GHT	W4TTO
185	N0MMA		N5VU	WB8NUT
AD6W	NH7RO	172	NC4RY	
KD5BQT	VA3DPB	AB9KZ	VA3WEB	158
KU4UC	W8LHP	K5ZED	WB4KXS	I0WTD
NA2R	WA4QMQ	KI4PKW		K8CR
PY5CC		KJ6HI	165	KI0D
W3OU	178	VE2PN	K4DXT	N2CG
W5BPT	KA2AYR	W4ABC	KD5HPT	
	KB0EO		N1JFU	157
184	KB1RZA	171	W0RIC	K4FX
4O3A	KG5RJ	AA4PB		KB8GC
AF5Q	N1ZUK	HP2AT	164	KC2WUF
K0DEW	NQ2O	KC5GSK	K2SD	WA7NB
KR4M	VE3NRT	KC5YCH	K5VWW	
N1IBM	W0ZY	KI4TZ	KD0UHN	156
N4BG	W1MAD	NS3L	KF9US	K2KJ
	WY7FD	W1PX	W4CSW	K9OHI
183		W6IA	WK7G	N3RN
K5RQ	177	WA2KBZ	WQ7F	N9KO
N0UBL	AG4ZE			VE7VDX
W2UDT	K2QQ	170	163	
	KI4BWW	K9TVG	K2JF	

155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI W6VNQ (CM88) WB6RAB	N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	W4GE WI5D WW7Q XE2O
154 AE4NT KB9VMW KD2NF W3ZQN	147 AF6AV IZ1LBG K6PSP KC1BUF PV8AJ VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA N5RMS NA2X NC4VA W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K
153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JR1BAS K3NAT KG9R N2CJ TF3JB
152 AA6I N0RC N1NUM N2WM NU1T UT7QF WO4G	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W
151 KO0Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR
150 N9LAH VE3OAT W7APM			133 KA5ETS KC1RET KE1VT KM8V W0RT	128 JR2LJO KC7QAG KJ6SDF
149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS			

KN4DMN	K9SM	K0AWU	KM5FA	111
N1SFE	KB0GT	K1ZN	N7VGO	N0SLT
W0WT	KB0STN	K2SQS	UW5ZM	PC3T
W5DM	KG6DHQ	K4MSG	VK9DX	W8GBH
W5ZO	VE3TG	K7JIZ	WA3BZT	WZ8P
W8FR	W1HS	KF7PCL	WC7V	
WB2WEO	W3SE	KP3V		110
	W4PRZ	KT0P	114	EA4DEI
127	W5EWF	KW7N	AC8HU	G4BWP
AA9RK	W7MHW	N4UPX	K2RET	K5KR
K3GYK	W8BI	W0QC	K3RTU	K7LD
K7UV	W8KHP	W4SW	K9AAN	KD5J
K8AC	WA8WV	W7QQ	KC4GCK	KI0F
K8OS	WB2RVX	WI4T	KG9Z	KP4JRS
KB3OZC		WM9M	NF8M	KQ4LA
KB9TLV	122		VE1WOW	KX5U
KC0RQH	K7AED	118	VE3IRR	N5TIF
N6UTC	K7OGW	J68AS	W2JLK	N5YM
VE2JWH	KA9JAC	K4AZV	W2ZQ	W7JET
W1FLD	KB4UF	KA4LBD	W4ALF	W7UP
WA6BIL	KB5WFE	KF6MXK	W4UFO	
	KC5UGX	KI7BP	WO2C	109
126	N5HYV	KT8X	WX4US	AK6ZZ
KJ7G	VE6PY	KW4BY		IW1ARB
N0BDS	VE7JAC	N1QDQ	113	K2DSW
N7DGI	WD0GTY	N3JNX	AB4PM	K2JGL
WB4HUC		N5EIL	AD5MD	K2OO
YL2AO	121	W2AC / WB2ABK	HB9BZA	K5DNL
	AE1P	W2AC/WB2ABK	K3DQB	K9GY
125	K0MFI	WB2KSK	KD4BPZ	KE6GLA
AA7DK	K4HBI		KD6VCD	KJ6CA
K3PU	K6USY	117	KM5OL	KZ7N
KC5DRI	KB2WAL	AB5J	N3JDQ	N8TMW
W2AJM	KB5MH	K4WS	N4YCI	N9TTX
W3UQH	KE4JFS	N4USG	N5YK	VE3AAQ
W4DFU	NE0P/9	N5JEH*	W0BM	W0YJT
WA6POZ	UR0MC	N5LPT	W8MSP	W1OP
WB4OMM	W8DN	NA7L	W8VW	W4ZRZ
WE1P	WB9TFH	NU6V	WD0ENC	W5MPC/1
		W6WE		W7RJR
124	120	WA1TBV	112	WB6YIY
K0DLW	EA1YO	XE2PXM	K2MLS	WB9W
KB0HH (EM06)	K2CYE		K3GD	
KD5FTD	K4AU	116	K5WTA	108
KM1C	K4CGY	IK7EOT	KA7T	CF3VRQ
KT5MR	KD0R	K4RGN	N5HMH	JA9IPF
N0SL	KD4MZM	KI6QDH	W1TR	JP7EIP
N9AZZ	KD5BRF	KU5B	W5DQ	K5OPB
PV8AAS	KE4SCY (FM06)	N0VR	W6OAT	N3MWQ
W0PE	N3YPJ	NO0B	W7IV	N5DD
W1TAM	VE1JC	W0DHB	W9PN	VE3SUB
W6SCQ	VE3XK		WA8TWM	VE7IG
W7YM	WA6RAY	115	WG3K	VY2RU
W9CDL	WD4OHD	K9MMS	WX3P	W4AMP
		KE6TVM	XE1GK	W4CRN
123	119	KF0QS		W5AAJ
AC7AF	AE5AU	KF9AF		W8EH

W9VNE XE1R	W9RVG WA4MYO	102 AA9MY AB8JH AD6KH K0HAQ K3HW K9AM KA3ZLS KB8CR KC6WFS KC8DMN KD8NYO KE1AU KJ4M KR5V N1HOQ VE7ZD W4RVZ W5DPT W5OV W7UT W9NFL WA8EQP WB5FDP	AI2S AI9U K2UA K4UQC K5GM K5KV K8IJ K9CC KB9ZLB KC2HLI KC8CC KC9CMT KD3SW KE5CVM KF0Q KG5X KJ5OA N3TBB N4NIA N5RZK N5XTR N7EME N8COP N8XS VP2MRM W2CH W4/KL7GLL W4OZK W8BZY W9DQ WA5TLP WV9E	N8YV N9MKC NB5R NH6CJ NI5W NS2P VE2HAY W2HOG W2VU W5JLC W6TJU WA1LAD WA5TRX WB5NHX WB7VVD WK5X WW2R (EL09)
107 JA3EGE K5UIC KF7PG KI9A KK4LUM N3TTT N9OI NF0T US0KW W2TTT WB4PPW	104 AB9YC AC5K AC5RN AC9QR IK4DRY K5PPP KB9RNO KC1LXO KC2TR KD9GKL KJ7OG KM6WXB KO4LZ N0STP N1LDY N2FBQ N3UPS N7AGF NJ1H VE2PIJ W1TE W1ZE W4KVS W6ZQ W9EBK W9MDB WB2VUO WB8BZK/VE3 WL7OU	101 AE7V K0IN K0SBV K0WJ K2NUD K5DWI K5HX K7SYS KB1JDX KB4KBS KC6AWX KC8CSD KG8WB KG9IL KL2R KR4WM KR7LD N1IX N4AOE N8VEA N9DVS ON9CMR/WO VA2LGQ W4LLP W5KBD W7ISG WB8IMY WD5IYT	99 AB0SD AB3TM K0YO K4KEW K4WQ K4ZO K5VPQ K7DD K7PAP K9ZZE KA0ZEE KC2IEB KC6X KD4MWO KD6RUH KG9AP KR4UA M5MYH N4FV N7HRT N7JPF N7TE N8GHZ	98 AC2RL AD8Y K0KC K0UD K3IXD K3QIA K4OP K5HOB KA1EKR KE4LGL KG4YOU KG7E KJ2G KK0CQ KY0Q N0JJQ N1JHJ N3LRP N5TEY N8AID NO5X NO8R VA3VF VE4XTZ W2KRP W6TE WA2FGK WA3TLT WB1GQR WB2YDS WD0E WH6LR WT5H WV5Y
106 K0MEI K5BJW K7BWH K7JE KB0TIJ KC7ICM KE5JXC KJ6MBW KK2DOG N0RQ N1USB N2IPH N4CE N5FPW N5YHF N8HM N9XMU VA3OKG VE3AJY WB6VYH WE2DX WQ9F	103 AA5CK AB0YM AB5SS K2OY K4MVL K8ZEE KA1W KB0FHP KB2SGX KC9FFV KF0AIJ KF4DVG KR4NO N0YXE N1JIF NF6P NN2D VE7DXG W0TF W3LEO W6IT W6XU	100 AC0FT		97 AB8M AJ9C

K0HB	KM2O	W5CBF	W2GR	W7TRX
K0JQZ	KM5NU	W5RCQ	W3IPA	W9IFW
K0QEI	KR4EE	W7JWC	W3TA	W9NED
K0SH	KS4V	W9SX	W4LNG	W9WI
K0YQ	KT5RR	WA2ONK	W5ODD	WA5ICA
K3HZO (FN20)	N0WVU	WA3I	W5PUF	WB5CON
K4GTR	N2LID	WA4WR	W7NX	
K4JQU	N2VHZ	WB2SIH	WA7LHZ	92
K8XF	N2XK	WD8DOT	WA9BXB	K1EY
KA2BSK	N8PAQ	WS4S	WT9U	K5GDX
KA7EII	N8YBY	XE2AT	WV7S	K5TDA
KC0YBM	NT2A			K7FU
KD5CKP	NW5Q	94	93	K7HKR
KF4KSN	NY2Z	AA4RP	AG2A	K7UWR
KM4NYI	VE2DCP	AB4VT	AG6CV	KB0PQP
KT5WB	W1HMM	AD1DX	A18F	KC4JNW
N1VMJ	W3VHF	AK8CW	K0IW	KD4QMY
N3UMA	W4KK	HK4SAN	K1PTF	KE4WBO
N4BH	W4TMR	IK8YTA	K1ZK	KG4URP
N6MA	W7JHS	K0ARM	K2AK	KR7X
N9APK	WA3EEC	K3BEE	K2MTS	N2SG
N9IO	WB0M	K3TUF	K4DAM	N3GH
N9KY	WB5KJE	K4JRK	K5TRI	N4VN
NK7C	WP4LNY	K4LDC	K6RM	N5QO
NU0Y		K4NNX	K7IP	N6FD
VA3FIN	95	K8GT	K7TRK	N6RPM
W3QT	AB9AI	K9DOG	KB0USF	N7DED
W4CWA	AE0G	K9SUL	KC5TGT	NS6E
W4DAS	AE5EO	KA2F	KC5TT	UT5JAJ
W4ID	K1PNQ	KA9UVY	KC9TTR	W1PV
W7DN	K4ED	KB7AK	KC9UL	W2ACY
WA6OSX	K8KFJ	KC0AUY	KD0QG	W2CVW
WA9LEY	K8ME	KC3AK	KE6AZX	W3ACO
WB8RVK	K8VD	KD4VRZ	KE6UMW	W3HZU
WB8ZTV	KD7WH	KE3WM	KE8RPJ	W4BP
WB9PNU	KD8DR	KF0LA	KI0J	W4LIA
WE8L	KD9ZR	KG4NLZ	KK7MNC	W6NS
	KF6XA	KU4JZ	N2BX	W8JV
96	KI0SK	KV3W	N2YTF	WA3JKB
AD5OW	KW9U	N0LNE	N3AO	WA4EEZ
AE4TQ	N1XK	N0LP	N3ZBK	WM3O
AK4F	N2SLO	N2SU	N4GOA	
HB9EFK	N2WLS	N3JBH	N4YHC	91
K2CK	N3WAV	N3XBG	N7EGY	AA0CW
K2UF	N4ET	N3YUG	N7JI	AD3Y
K2UNK	N5BLY	N5ZMP	N7KSI	CO2WZ
K4EQH	N5ENU	N6HY	NA9D	K1UR
K5CRJ	N5KI	N6MXU	VA7QI	K4SPA
K8EMR	N9IV	N7NH	VE3WMD	K6YK
K9OT	N9LJX	N7UN	W0MHK	K7HPN
KA2NDX	PY2KP	N8WWM	W2VTV	K8OI
KA3HED	VA3KS	N9DD	W3ZGD	KB2YWU
KB5GI	VA3PZ	N9UNX	W4GPM	KB3IAI
KB8PNS	VE3KZ	VA3MA	W4VG	KB3NDS
KC0HBP	VE3SPW	VE3RX	W5DMT	KB4YKC
KD6PY	W4YZJ	VE5MX	W5DWA	KB7AZ
KI5TE	W5ADA	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	EI3IO	82
W4MLN	KI4US	W3YX	K1UU	AD4IE
W5KDA	KR4U	W4DL	K4LRP	CB0ZA
WB0NRV	KT3X	W4R XR	KB3MXK	K3RJK
WB7X	N2GZ	W7HDD	KC0V	K4JMX
WC4V	N5KAE	WA2BTR	KE4DRF	KA5WSS
XE1GZU	N8YSZ	WA5MD	KK4AND	KC5YKX
	N9RG	WK3N	N2RJ	KG4KVZ
90	N9UDX	WV8O	N4LS	N1SF
AA0LM	NE2U	XE1SOV	NJ1Q	PU8TEP
AB4WL	VE3VCF		VE3GFN	W5DAS
AB9DU	W0HRO	87	VE7DAY	W7YOZ
AF5BG	W1HY	AC0A	W1WV	W8GG
DL1SMA	W2JEK	AG4I	W3STU	WA2ONG
JH4JNG	W2OK	K4JC	W4IT	
K1HC	W4ZMM	K5UZ	W4RA	81
K1KA	W6VNQ	K5WO	W6ST	AB4I
K3CWF	W9HT	K6UIP	W7SIR	DF3CB
K3UAL	WA7SDI	KB1VUN	W8DQ	KE4DZU
K4AAP	WB3IAL	KC8NAH	W9QY	N6MM
K4FTP	WM6Y	KE6WOX	WA4WKL	N7NEV
K4XZ	WQ5C	KI6RRD	WD4LSS	NI4Y
K8EAB	WR5AY	N0ELA	WF4R	W3MC
KA5TJI	XE2NL	N2CJN		WA4ZXV
KB5FHK	XE3DX	NA5DX	84	WA8ZNC
KB7BSA		NE5S	CT3FT	XE1EE
KK4DZP	88	NI5F	K4EZY	
KW3DX	AA4QE	NN7RM	KE6NDG	80
N2ULL	AE0DX	W8GOC	N1KI	AC6BW
N4BRF	AE4OF	WB3IGR	N2NWS	G4FKA
N5BA	AF4MI	WB8JAY	VE2WBK	K7FR
N9JJ	K1RS	WF4W	W8PU	KE4PT
VA3XOV	K3TN	XE1RBV	W8SGR	KR4Q
W9CPV	K4XD		ZS6NK	KW1DX
W9CSY	K7CTV	86		N2NS
W9HBH	K7WV	AG1T	83	VY2HF
WA2BEV	K7ZYV	K7FB	AA6E	W5TTY
WA8OJR	K9JF	KA9OKH	AC9GK	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 K2QPN SP5QWB TG9AWS W4NE	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	62 HB9ALO IZ8EDJ K4DXA N6ZDH	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM
77 K1IFJ MIOAYR	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 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 HB9BIN 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 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 (EM13QC)	54 AG4KI	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX
	63 EA1DR HL2EIZ	53 K0BBC PP1CZ	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU
		51 CT1ETE N8OFS OH4UI VE9FCP	36 JA1WSK	25 EA4/K1WE
		50 N8MR		24 EI2JD F1RAF F4BDG

HB9G	JE2UFF	G6BFP	4	G8GNI
KS4YX	LU5FF	HB9GWJ	CT7/RC2A	GI4ONL
ON6AB	PY2RN	IK3ITB	DD6UAH	IK1IYU
PA7TWO	UT3UA	JA1MZL	EK/RX3DPK	IK2GOQ
23	WC2C	JA2FGL	F1DFR	IZ8XQC
GM4ILS	14	JE1LFX	GM4CFS	JA6AVT
K4SLC	EA8MT	KD3UY	GM4KHE	JA6SZV
KP4EIT	HB9FMN	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
T12CDA	SV2DCD	SK6QA	BV6CC	JA1GZK
	TF3Y	VE2NGH	CO6CBF	JA7DPC
	UR7DWW	VR2XMT	DF3VG	JA7VXB
15	9	W1ZR	DF8FT	JH8XVT
9K2BM	DL7BA	W2ZF	DK1CO	J11HNC
E12GLB	EB1EWE	YL2CZ	EH4BPJ	JJ1PFC
HB9HIT	EC7ZK		ES8JX	JL2ULM
			F5TMJ	JN3ONX
			G0THY	KC3KJQ
			G4DDL	KG4JSZ
				KH6WI

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