

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 (23 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	466
AA0MZ	ND0B	AD6D	N5KO	KA0JGH
AA5AM	W0FY	K1USA	NC6K	KB6NAN
AA5C	W0JW	K9MU	W6XK	N4QS
AA7A	W0LGQ	N0POH		NA6MG
AI5I	W3CP	N5WS	476	WX7M
K0GU	W4UDH	W5VY	K5XI	
K0SIX	W5ADD		N4SIX	465
K0TPP	W5AFY	484		N4JQQ
K1TO	W5AJ	AF5CC	475	XE2K
K1TOL	W5EME	AI1K	ND4X	
K4PI	W5FF	WQ0P		464
K4XO	W5KI		474	KB9OWD
K5ND	W5OZI	483	K7KQA	
K5RK	W5TRL	AC0RA		463
K5UR	W7GJ	W0VTT	473	KB8VAO
K5WE	W7JW	WA7HQD	NQ7R	NI0G
K7BG	W7KNT	WB0ULX	VE3EK	W5XC
K7CW	W7MEM		WB0O	
K7ULS	W9FF	482		462
K8SIX	W9JN	K0BJ	472	N6ORB
K9CT	W9RM	N4WW	KB7ME	
KA9CFD	W9XX	W9VHF	N7BAV	461
KA9FOX	WD5K		WD8JJA	NA9RB
KD5M	WQ5S	481	WE9R	W3UR
KG5CCI	WS9V	KC7QY		
KM0A			471	460
KM0T	487	480	N9PGG	K5OMC
KO9A	K7MAC	K5GZR	W0RH	K8ZM
KR7O	K9YY	KC7V		KF0M
KV5W	N0AKC	N4TB	470	
KX4R	N7CW	N5EKO	K4SO	458
N0LL	N7IR	XE2OR	K5RT	K9MK
N0LWF	N9ISN		W07R	K9NW
N0PB	NA6L	479		KG5THG
N0TB	W3IP	N7ZO	469	N9BCA
N1AV	XE2CQ	W5WVO	AJ4F	NE1B
N3SL		W9RN	K4MY	
N3XX	486	WB9CIF	K7PI	457
N5DG	KY7M			K4HB
N5NA	N0KE	478	467	W9WO
N5OMG	N7KA	AD1C	K3SX	
N6JV	W5ZN	AE5B	KB9DAK	456
N7NW	WD5COV	K6ZH	NY0V	AJ4A
N9LB			W5THT	

455 KF8MY WA9DU XE2X	443 AB4IQ N4MM	K8ZR WA5JCI	W0GJ	VE4EAR W5SUM
454 WB7CJO	442 AG9S K4ZOT N2QT N4TL NJ6D	428 K9APW	414 K0DEQ K2TER KM8V N0GZ W4TV	403 K6VHF
453 K4YMQ K6EID N9FN	441 K8TB K9KLD	426 N5OK NE6I W5JAY	413 WA9LFO	402 K3FM
452 KK4MA N5BO N8YO N9BX	440 AE5FM W2IRT	425 K6ML	412 VE2XK 6M FN07P	401 K4CKS KM3V
451 K1HTV K5WBM KD3CQ WA1EAZ	439 K8ROX N4QWZ N5TJ NM5U	424 K6JJ N4UFP N9AKR W3EP W5PR WB8BPU	411 N1EVK N9EAT WR7X	400 KT8O W0JRP W3UUM W7FI
450 NE9U W0MU	436 NZ3M W3TC WB8ART	423 W4DR	410 K3UA KB0V KE7SW KI8G	399 NN4R
449 KF6HI N8OC W8TN	435 KF6A	422 VE6WQ WB5JID	409 K5PI N5SYV N9JR VE3DS	398 N8IEZ W1NG
448 K4XP KP4AJ KV7N W3LPL WB8ZBT	434 AA1ON K1SIX VE3LYC	421 NP4EI/W7	408 K7SMA NY1V W7BA WA1NLG	397 AB4EJ KE4TH KI0E W8LMG
447 AH0U KS7S N2NL N4SC	433 AB9BH KE8KMX WW1L	420 AD5A	407 W4AS W5CIA W7Yaq	396 AB4SF AG4W KB8U N3OC
445 KG7CW KU7Z N4LR	432 K3FRK K6G XO N6KK	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB	395 AA5XE K0AZ K5XM KF7CQ WB4EVH
444 K4SSO W3LL	431 K0TLM	418 N4UFO	405 AA4SC K1GG K5CKS	394 K6RO
	430 K0DD K1TEO	417 AA5JF N4HN	404 KF9UG N2ZX NH6T/W4	393 K7XB K7XC KD5XB
	429 K5TA	416 AC9DX K4RWP K7ND KO4MA NI0P		392 AF4HX K5HPT W6OMF
		415 K7AWB K8JH		

391 W4AVY W6TMD	377 AB1OC NT9E	K5KEW N6QQ	351 W7IMC	338 AI9L NA5Z VE3SXE W4MAY W9XA WA5KBH
390 KZ2I WF7T	376 K8GI K8VFX	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 N7IJ W5TFW W7AH WE4S	370 K5TN KG8P KN4SM KS4YT N3MK NN9X NT0V W4FC	359 AA4FF K0CAO	346 N9XG	
385 K0JDD NK1K VE6MB W4WTA		358 K5RLA	345 AA8SW W3XY XE2YWH	335 AK0MR K5FUV K5FZ K9QVB KB4MRX KN4NN W9GKA
384 K8ROK N2WK W8OP	369 K0VG KF8UN N2DPF	357 K4LVV WA9PWP	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI
382 N8LRG VE3YXO	368 N4JP W5RCI W6GMT	355 AA4FL N3AIU (DM45) W1DYJ	343 K1ST K5EK KK0DX N3RC N3YT N6KZ N8HRZ	
381 NK0S W3VZ	367 KC4HW	354 KE8Y NP4EI NU6S	341 KD7DCR N9LF NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GQ XE1YY
380 K7MCX WA5LFD	366 KI7JA	353 AF2K K0CS	340 N0AN WA9M	332 AA7UN N4JDB N7KDT VA3IKE W9GM
379 N8WNA	365 K4JJW K6EME WA7PDC	352 K7LOL VE3XN W0KKK XE2ML	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV	
378 KR4BD	364 AB5EB K0RAR			

331 K0SRL K8WDA KC0UDO N4MW W3TI	322 JG1TSG N3ALN VA6SZ	311 AC9S KS4XQ W2BZY W5DB	300 AA4V K0PHP KB6VFC N1RR WA2BAH WX2S	290 AF2F 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	307 AG1A KE5K KS4S W9RPM	297 N8YQX	287 K8DP KC7MRQ N8CGY W7CT WA4NVM
327 KJ5RC N0YO W2JU W7YA	318 W4HY	306 K4QE KL7HBK WV9L	296 K4XR K6YUI KC7RW XE1EE	285 AB0S K5CZD K9UO NS7K
326 K2ZD K6LMN K6TDI NG7M W0PR W3HDH W7JLC	317 KA8SYV W1SKU	305 K3VAT K6UM (CM88) KT1J N4SV	295 KE4P N6AR N7NT	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96)
325 KF2T WA2AEY WX0Z	316 DK8NE K3FN KA0ABA W4UCK W9BWR	304 K6IPF NS4T WA0GUD WA8MCD	294 K6JSV	283 N5OHL NA5DX WA0FQK WB0CQO
324 HC2FG K9SH KU4A N2BJ VE3TMG	315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO	303 EA8DBM K8TGC K8TL N7LAN	293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K1DT N8JCM W4WM
323 N8II W8KEN WO2T	314 KU4XO	302 K2UU KB2TGU	292 KJ6P N4ST W1SSN	281 AA8MA JR1LZK K4OY NL7CO
	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	301 N0HJZ W3SW W7IB W9OBG WB0TVY		
	312 AF6O K4NNX KA2GOJ N3KN			

W2YE	271 K7NII KB7FUV W3HHN	NF1O	256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA
280 N0KV NM5Z W1FKF	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	263 AK4PR K0NO K7MDL K9AAA WB7QBS	255 K8MVZ KG4JPL W4HFZ WA8KNE	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	254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL W8FIB WD5ITW	246 K0DAS KK8X N5TIT W4FRA
278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	261 K3TWK KB8UUZ N3EW W6TCP W9TA	253 F4BKV KG4ERR N2XQM	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	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	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	251 AD5JK AE4WG K9QJ KG7NV NN4SS W2LV	243 JA1QJI JA8ISU K3TC W4EJ
275 K1MAA K2NJ N4GG W0FK	265 N5KS	258 AB5GU K1NJ K2HAT NA2NY NA5C WB7ECS	250 AA9LC KS9J NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA
274 K8YC KB1DMX	264 AC8L K4JAF N0TK N5AO	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/O	249 CT1IUA JR3REX K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO
273 KM4H KV1J VE6SH				240 KK4ZUU K06LU VA3HP W1VT WA2VJL
272 KF8QL KO4PRE				239 KF4LVF MD0CCE W6RW

W9YOY/M	K6RG	221	212	K3LL
WA3SEE	KB9RUG	K5WMH	AB5C	K8SD
WB1FLD	KC0VDY	K6CQR	JF8QNF	KE4HOA
238	KD5IKG	N0PSJ	KF7NN	N5ITO
AA3GM	KE4UW	N4ION	N1SV	W8QID
JP1LRT	N4NX	N5UWY	N2OA	204
W1MJC	NN5DX	W4IFI		KO0Z
	W5LUA	W5JMW		LU2DX
237	228	220	211	WA3DRC
K3KO	K5RUS	K7BTW	K9FOH	
236	K7HSJ	N7XCZ	KD3HN	203
K0SU	KF2ZQ	219	NE8S	K0VSV
K4NK	N8AIA	K2RKJ	PV8BR	K5HYT
N3FTI	W5HEZ	K6ZZ (EM78)	W2ZDP	K5LOW
N9ATD	227	KE5RV	W5HNK	N0HF
W5AJX	K8ZT	W6DPD	W6AER	N8SYF
235	K9TF	W7ZSL	W6KAP	NX0I
ND0C	KS9A	WB2WIH (FN20)	210	W1RM
VO1GO	W4KXY	218	K3MSB	W3SZ
WB6RJH	XE1GLL	K1XH	K9YC	W9GFB
WT2P	226	K4IJQ	KL7NO	W9VOB
WZ9W	AF5WN	KB8KVJ	N1TQ	WA1KPD
234	N7CNH	217	N6UK	
JR2HCB	N8UR	ND4V	WQ9T	202
KE6FCT	NM5S	W4DEE	209	K1BZ
233	W0VX	216	AA4IB	K5GJR
K1AFC	W8RD	K7RB	W5WGF	WC7X
K3EA	WQ6Q	N0IS	WA4NFO	WF8Z
N9NJS	225	NE1F	XE2N	WQ5W
VE7VZ	AC9O	W1AW	208	201
W8PAT	KX9X (EN50)	W5RWF	AI2N	AA7WB
W9TD	N2WSY	215	CO8DM	KC5FP
XE1L	PV8AZ	AL7OC	KD5HIO	KO9V
232	W8AKS	K2SX	PV8ABC	KR0I
K5FO	WN6W	K9OHI	207	NN0K
N9NJY	224	KI5FJ	K6US	NR2C
231	K2RET	N2YU	N1BCL	WA1MKE
K4MIJ	NJ8J	N6KW	N8NJA	WA9ASZ
K6HEW	223	214	206	200
KF6GYM	K7UA	JA7MSQ	AB0CT	4A2MAX
W9XT	N2ZA	KB9PJL	AK4Y	K4YJ
230	NJ7A	KC7OD	CT3MD	K5DB
K1ZE	222	VE3SYK	DJ5FI	K6ZZ
KO4MM	K0YY	WA7AJ	K4GHS	LU4FW
VA3XJ	K2TV	213	K9YC (EN61)	N7PHY
WB0WAO/8	K3AJ	K3DFL	KB0LYL	N9AG
229	KA1LMR	KI6X	NA5Q	VA3VU
GD0TEP	KD4K	W0NBC	W0BNE	WB2AA
	WA2BOT		W4EJG	199
			XE1J	N3KFV
			205	W4OEP
			AF4OD	WB0YEA

198 4O3A AC8TO N0UK N7EPD W8DM WA7KYM	WA2BKN WA5CAM WD4JHD	N4BG N4DTF	VE3NRT W0ZY W1MAD WY7FD	W4ABC
197 I0WTD K3EGE N4BAF W3TW W5CTV	190 K5ER KC2DLD KN4PPD N9UA W1ATV W2OO W4GE W8SP WB0DBS	183 K5RQ N0UBL W2UDT WC4H	177 AG4ZE K2QQ KI4BWW NY4I SM7FJE W5ZG WA8UEG	171 AA4PB HP2AT JA6RJK KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 AC0W KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I W9JJ XE1CL	176 AD5ZA EA5BY JA1OVD K0DI KX9X N5QGH N8URE (FM19) N9ARX NP4BM W5AFD WA5IPS WW2R	170 K9TVG N8CN NA2U W0PE W4IHI W4JKC WK3V
195 AA4W K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N9MSG NY0A W4RBO W9BS WJ1B	175 IZ8FFA K3MD NE5TX	169 K6XC KD5OMJ N2BEG N5XES VE3HHT W8KNO
194 K2MRK N3FA N9NFT WF1H WK8A	187 AA8R KQ0J N2WM	180 K0OST K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ W2PD W8WEJ W9HT
193 K9AB KC5N KD2NF	186 K8PT K9SG KN7K N0XLR N6ZE	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 IC8TEM K2ZZ K5YPV KE4SCY	167 K4MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT
192 AA6AA N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	185 AD6W KD5BQT KU4UC N8XE NA2R PY5CC W3OU W5BPT XE1R	178 HB9EFK KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN	166 JA3LZS KC2GHT N5VU NA1VT NC4RY VA3WEB WB4KXS
191 K0ITC K9CS KK6OH N9AMW	184 AF5Q K0DEW KR4M N1IBM N3FX			

165 K4DXT KD5HPT W0RIC	158 K8CR KI0D N2CG	151 W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	VE3KY W4GPM W4TUN W6DQ WA4KXY
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 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 W6VNIQ (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	135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H
159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM NU1T UT7QF WO4G			

134 AB1NS AB4GE C6ABB GM4UYE HK3W KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR	KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N8MR N9AZZ PV8AAS W1TAM W3KN W6SCQ W7YM W9CDL	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	XE2PXN
133 KA5ETS KC1RET KE1VT W0RT WI5D WW7Q XE2O	128 JR2LJO KC7QAG KJ6SDF KN4DMN N1SFE NR1R W0WT W5ZO W8FR WB2WEO	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	116 EA4DEI K4RGN KI6QDH KU5B N0VR NO0B W0DHB
132 AB3CV K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K	127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GT	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK WB2KSK	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO VK9DX WA3BZT WC7V
131 K3NAT KG9R KT3X N2CJ	126 KJ7G N0BDS N7DGI WB4HUC YL2AO	121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	117 AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV	114 AC8HU K3RTU KC4GCK NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO W5DWA WO2C WX4US
130 AB0X G4BWP K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P			113 AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC WU3U
	124 K0DLW			112 K2MLS

K3GD	108	KC0JYT	KR4NO	N1IX
K5WTA	CF3VRQ	KC4KK	N0YXE	N4AOE
KA7T	JA9IPF	KF4DGS	N1JIF	N8VEA
N5HMH	JP7EIP	KJ7TH	NF6P	N9DVS
W1TR	K5OPB	N4NQY	NN2D	ON9CMR/W0
W5DQ	N3MWQ	N5SAN	VE7DXG	VA2LGQ
W6OAT	VE3SUB	N7YY	W0TF	W4LLP
W7IV	VE7IG	NE9O	W3LEO	W5KBD
W9PN	VY2RU	PU4JOE	W6IT	W7ISG
WA8TWM	W4AMP	VE3VRQ	W6XU	WB8IMY
WG3K	W4CRN	W8MIL	XE1RBV	WD5IYT
WX3P	W5AAJ	W9RVG		
XE1GK	W8EH	WA4MYO	102	100
	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
110	N9OI	KB9RNO	KC6WFS	K9CC
K5KR	NF0T	KC1LXO	KC8DMN	KB9ZLB
K7LD	US0KW	KC2TR	KD8NYO	KC2HLI
KD5J	W2TTT	KD9GKL	KE1AU	KC8CC
KI0F	WB4PPW	KJ7OG	KJ4M	KC9CMT
KP4JRS		KM6WXB	KR5V	KD3SW
KQ4LA	106	KO4LZ	N1HOQ	KE5CVM
KX5U	K0MEI	N0STP	VE7ZD	KF0Q
N5TIF	K5BJW	N1LDY	W4RVZ	KG5X
N5YM	K7BWH	N2FBQ	W5DPT	KJ5OA
W7JET	K7JE	N3UPS	W5OV	N3TBB
W7UP	KB0TIJ	N7AGF	W7UT	N4NIA
	KC7ICM	NJ1H	W9NFL	N5RZK
109	KE5JXC	VE2PIJ	WA4IOB	N5XTR
AK6ZZ	KJ6MBW	W1TE	WA8EQP	N7EME
IW1ARB	KK2DOG	W1ZE	WB5FDP	N8COP
K2DSW	N0RQ	W4KVS		N8XS
K2JGL	N1USB	W6ZQ	101	VP2MRM
K2OO	N2IPH	W9EBK	AE7V	W2CH
K5DNL	N4CE	W9MDB	A15WW	W4/KL7GLL
K9GY	N5FPW	WB2VUO	K0IN	W4OZK
KE6GLA	N5YHF	WB8BZK/VE3	K0SBV	W8BZY
KJ6CA	N8HM		K0WJ	W9DQ
KZ7N	N9XMU	103	K2NUD	WA5TLP
N8TMW	VA3OKG	AA5CK	K5DWI	WV9E
N9TTX	VE3AJY	AB0YM	K5HX	
VE3AAQ	WB6VYH	AB5SS	K7SYS	99
W0YJT	WQ9F	K2OY	KB1JDX	AB0SD
W1OP		K4MVL	KB4KBS	AB3TM
W4ZRZ	105	K8ZEE	KC6AWX	G4FKA
W5MPC/1	AC4Q	KA1W	KC8CSD	K0YO
W7RJR	DS4EOI	KB0FHP	KG8WB	K4KEW
WB6YIY	K4SJA	KB2SGX	KG9IL	K4WQ
WB9W	K9MAL	KC9FFV	KL2R	K4ZO
	KB3JGS	KF0AIJ	KR4WM	K5VPQ
		KF4DVG	KR7LD	K7DD

K7PAP	W2KRP	K2UF	N5BLY	N5ZMP
K9ZZE	W6TE	K2UNK	N5ENU	N6HY
KA0ZEE	WA2FGK	K4EQH	N5KI	N6MXU
KC2IEB	WA3TLT	K5CRJ	N9IV	N7NH
KC6X	WB1GQR	K8EMR	N9LJX	N7UN
KD4MWO	WB2YDS	K9OT	OE9KFV	N8WWM
KD6RUH	WD0E	KA2NDX	PY2KP	N9DD
KG9AP	WH6LR	KA3HED	VA3KS	N9UNX
KR4UA	WT5H	KB5GI	VA3PZ	VA3MA
M5MYH	WV5Y	KB8PNS	VE3KZ	VE3RX
N4FV		KC0HBP	VE3SPW	VE5MX
N7HRT	97	KD6PY	W4YZJ	VE7AB
N7JPF	AB8M	KI5TE	W5ADA	W2GR
N7TE	AJ9C	KM5NU	W5CBF	W3IPA
N8GHZ	K0HB	KR4EE	W5RCQ	W3TA
N8YV	K0JQZ	KS4V	W7JWC	W4LNG
N9MKC	K0QEI	KT5RR	W9SX	W5ODD
NB5R	K0SH	N0WVU	WA2ONK	W5PUF
NH6CJ	K0YQ	N2LID	WA3I	W7NX
NI5W	K3HZO (FN20)	N2VHZ	WA4WR	WA7LHZ
NS2P	K4GTR	N2XK	WB2SIH	WA9BXB
VE2HAY	K4JQU	N8PAQ	WD8DOT	WT9U
W2HOG	K8XF	N8YBY	WS4S	WV2I
W2VU	KA2BSK	NT2A	XE2AT	WV7S
W5JLC	KA7EII	NW5Q		
W6TJU	KC0YBM	NY2Z	94	93
WA5TRX	KD5CKP	VE2DCP	AA4RP	AG2A
WB5NHX	KF4KSN	VE6RGU	AB4VT	AG6CV
WB7VVD	KM4NYI	W1HMM	AD1DX	AI8F
WK5X	KT5WB	W3VHF	AK8CW	IZ4DPV
WW2R (EL09)	N1VMJ	W4KK	HK4SAN	K0IW
	N3UMA	W4TMR	K0ARM	K0RM
98	N4BH	W7JHS	K3BEE	K1PTF
AC2RL	N6MA	WA3EEC	K3TUF	K1ZK
AD8Y	N9APK	WB5KJE	K4JRK	K2AK
K0KC	N9IO	WP4LNY	K4LDC	K2MTS
K0UD	N9KY		K8GT	K4DAM
K3IXD	NK7C	95	K9DOG	K5TRI
K3QIA	NU0Y	AB9AI	K9SUL	K6RM
K4OP	NV3K	AE0G	KA2F	K7IP
K5HOB	VA3FIN	AE5EO	KA9UVY	K7TRK
KA1EKR	W3QT	IK8YTA	KB4YKC	KB0USF
KE4LGL	W4CWA	K1PNQ	KB7AK	KC5TGT
KG4YOU	W4DAS	K4ED	KC0AUY	KC5TT
KG7E	W4ID	K8KFJ	KC3AK	KC9TTR
KJ2G	W7DN	K8ME	KD4VRZ	KC9UL
KK0CQ	WA6OSX	K8VD	KE3WM	KD0QG
KY0Q	WA9LEY	KD7WH	KF0LA	KE6AZX
N0JJQ	WB8RVK	KD8DR	KG4NLZ	KE6UMW
N1JHJ	WB8ZTV	KD9ZR	KU4JZ	KE8RPJ
N3LRP	WE8L	KI0SK	KV3W	KI0J
N5TEY		KW9U	N0LNE	KK7MNC
N8AID	96	N1XK	N0LP	N2BX
NO5X	AD5OW	N2SLO	N2SU	N2YTF
NO8R	AE4TQ	N2WLS	N3JBH	N3AO
VA3VF	AK4F	N3WAV	N3XBG	N3ZBK
VE4XTZ	K2CK	N4ET	N3YUG	N4GOA

N4YHC	WG8E	K4XZ	WR5AY	KI6RRD
N7EGY	WM3O	K6UIP	XE2NL	N0ELA
N7JI		K8EAB	XE3DX	N2CJN
N7KSI	91	KA5TJI		NE5S
NA9D	AA0CW	KB5FHK	88	NI5F
VA3JFF	AD3Y	KB7BSA	AA4QE	NN7RM
VA7QI	CO2WZ	KK4DZP	AE0DX	W8GOC
VE3WMD	HB9ALO	KW3DX	AE4OF	WB3IGR
VK5PJ	K0CFI	N2ULL	AF4MI	WB8JAY
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 AMATEUR	KC8EVR	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	W6VNQ	K5UZ	W3STU
W8JV	K3CWF	WA7SDI	K5WO	W4IT
W9HBH	K3UAL	WB3IAL	KB1VUN	W4RA
WA3JKB	K4AAP	WM6Y	KC8NAH	W6ST
WA4EEZ	K4FTP	WQ5C	KE6WOX	W7SIR

W8DQ W9QY WA4WKL WD4LSS WF4R	N6MM N7NEV NI4Y W3MC WA4ZXV WA8ZNC	K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	KF4JHG KK4YEL W7YED	55 LA3MHA SP5APW WA2EMF
84 CT3FT DS2JJV K4EZY KE6NDG N1KI N2NWS VE2WBK W8PU W8SGR ZS6NK	80 AC6BW K7FR KE4PT KR4Q KW1DX N2NS VY2HF W2DEN W5TTY W7AM	74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY UX1UA	54 AG4KI 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	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	53 K0BBC PP1CZ
82 AD4IE CB0ZA K3RJK K4JMX KA5WSS KC5YKX KG4KVZ N1SF PU8TEP W5DAS W7YOZ W8GG WA2ONG	78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	72 N4II PV8ADI	64 K3BQ WD5GRW (EM13QC)	51 CT1ETE N8OFS OH4UI VE9FCP
81 AB4I DF3CB KE4DZU	77 K1IFJ MI0AYR US5WE	71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	49 HB9RUZ
	76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	62 K4DXA N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA
	75 G4RGK K3PP K6VHF/HR9	69 K3WGR W1YM WD4LBR YL2JZ	61 CU3AN K4MLB N0GVK	47 HB9RYZ JE1VTZ N6PAZ
		68 AA4S EH7CD K6CF KJ7TEA	60 HB9BIN KP4JFR S55DX UR9QQ	45 JA6WJL K4TXJ
		67 JG2TSL	58 KC6NBI SV8CS WA2MUA	44 DM2RM WO3T XE2YWH/1
			57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	43 8P6SH CT1EEN HB9AOF K4ZIN LA6OP
			56 HB9HIT KI5WA LU8ADX NI6T	42 HA5PT

41 E75AA	29 HL2WA OE4VIE	JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ KA5WRG PY2DV PY2GM	NJ4Y UR5FEO ZS4TX
40 JR0QFA WB8TGY	28 CT8/K0RUI E70A JA6CRP JR7ILA K0FMI OH3DP	18 AJ6V KJ4EU W0HBH		6 CT2FEY DU0A EI2JC JA7NGE PY2VA
39 AA5PK		17 G3LZQ PY2XAT SP5XMU SV8CKM		
38 DD3KF DG7RO DU1EV HL4GAV K8YSE	27 KC9ELU WP4NIX		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		
36 JA1WSK	25 EA4/K1WE	15 9K2BM EI2GLB HB9FMN LU5FF PY2RN UT3UA WC2C	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
35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY		
34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	13 JA2LWD K4AKX K4WY PY2MC W4PWF	8 DF1ZN DH0GSU DK2LO G1VDP JA1CPU JE3PCP JG1JPE JJ2NWI N8RO OH8LXT	
33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH		7 DL1TRK G8APB GM4KHE IZ0INX JA2NDQ LA3DV N5ORT	3 DJ5AV DL2KQ EA1AR EA4D G3LHJ G4DDL HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT
32 N3LRH SM6WET ZL3TE	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB		
31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR			
30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF JI4WAO			

JN1BPM	DL8GAM
JR6IQI	DS5DNO
KC0Y	DS5TOS
PY5IP	EA2AA
SA7CJO	EA3WD
SV1VN	EA4GQS
US0YA	F1VEV
W1CBY	G4CFS
WD9EWK (DM43)	G4VSS
YB1TJ	G7SQS
YL2CA	G8TTI
YL2MU	IK5BSC

2

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

1

3A2MW
 9A2EY
 AJ6T (EM66)
 BD4UJ
 CT1AHU
 DH8BQA
 DJ3ZF
 DL2DCX
 DL4ZAB