

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 (29 Jun 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	W0FY	N0KE	478	465	456
AA0MZ	W0JW	N7KA	AD1C	XE2K	AJ4A
AA5AM	W0LGQ	WD5COV	AE5B		N4QS
AA5C	W3CP			464	
AA7A	W4UDH	485	477	AJ4F	455
A15I	W5ADD	K9MU	KC7V	KB9OWD	K9MK
K0GU	W5AFY	N0POH	N5KO		WA9DU
K1TO	W5AJ	W5VY	N7ZO	463	
K1TOL	W5EME	W5ZN	NC6K	K4MY	453
K4PI	W5FF		W6XK	W5XC	K4YMQ
K4XO	W5KI	484			K7PI
K5RK	W5OZI	AD6D	474	462	KB9DAK
K5UR	W7GJ	AF5CC	K7KQA	K4SO	
K5WE	W7JW	A11K		K6ZH	452
K7CW	W7KNT		473	N6ORB	N5BO
K7ULS	W7MEM	483	NQ7R	W5THT	N9BX
K8SIX	W9FF	AC0RA	WB0O		NE1B
K9CT	W9JN	K1USA		461	
KA9CFD	W9RM	W0VTT	472	N4JQQ	451
KA9FOX	W9XX	W5TRL	KB7ME	NA9RB	K5WBM
KD5M	WD5K	WB0ULX	ND4X		KD3CQ
KG5CCI	WQ5S		WD8JJA	460	
KM0A	WS9V	482	WE9R	K5OMC	450
KM0T		K0BJ		KF0M	K3SX
KO9A	487	KX4R	470	W3UR	K8ZM
KR7O	K0SIX		WO7R		KF8MY
KV5W	K0TPP	481		459	
N0LL	K7MAC	KC7QY	468	N5NA	449
N0LWF	K9YY	N4WW	N5EKO		KF6HI
N0PB	N0AKC	N5WS	VE3EK	458	N8OC
N0TB	N7CW	W9VHF		K9NW	W8TN
N1AV	N7IR	WA7HQD	467	KG5THG	
N3SL	N9ISN		NY0V	N9BCA	448
N3XX	NA6L	480		NA6MG	KP4AJ
N5DG	W3IP	K5GZR	466		W3LPL
N5OMG	XE2CQ	N4TB	KA0JGH	457	WB7CJO
N6JV		XE2OR	KB6NAN	K4HB	XE2X
N7NW	486		WB9CIF	N9PGG	
N9LB	K5ND	479	WX7M	NI0G	447
N9UM	K7BG	W5WVO			AH0U
ND0B	KY7M	W9RN			KS7S

N2NL N4SC	W3LL	W0GN W5AL	406 AK3E K6FG K8EB N4UFO	394 AA5JF K6RO KT8O	382 K5PI VE3YXO
446 K1HTV K6EID WB8ZBT	434 K1SIX K8ROX VE3LYC	418 NZ3M			381 AG4W W3VZ
445 K4XP KU7Z N4LR	432 K6GXO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N WR7X	380 K7MCX NE6I WA5LFD
444 N7BAV W9WO	431 K0TLM	416 K4RWP K7ND KO4MA NI0P	404 K8JH N2ZX VE4EAR W5SUM	392 AF4HX W6OMF	379 AB9BH N8WNA
443 AB4IQ K5XI N4MM	430 K1TEO	415 K7AWB W0GJ	403 NH6T/W4	391 AB4SF AD5A W4AVY W6TMD	378 KR4BD
442 AG9S N2QT N4TL	429 K4ZOT K8ZR WA5JCI	414 AA1ON K0DEQ N0GZ W4TV	402 K3FM K7SMA	390 K10E KZ2I	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	428 K9APW	413 AE5FM WA9LFO	401 K4CKS	389 W5MO W7FI	376 K8GI K8VFN N3OC
440 W2IRT	427 W0RH	412 VE2XK 6M FN07R2	400 K1TER W0JRP W3UUM	388 K0IP W4WRL	375 K6QG WB4OQX
439 N4QWZ NM5U	426 N5OK W5JAY	411 N9EAT	398 N8IEZ W1NG	387 KV4T N4CH	374 K0TT KV7K N6GP N7DB NY1V
438 N5TJ	425 K6ML	410 KB0V KE7SW KE8KMX KI8G N4HN	397 KE4TH	386 N7IJ NN4R W5TFW W7AH WE4S	373 K4SSO
437 K5RT KK4MA	424 N4UFP N9AKR W3EP WB8BPU	409 N1EVK N5SYV	396 K6VHF KB8U	385 NK1K VE6MB W4WTA	372 JA7QVI N0FJP
436 N9FN W3TC WB8ART	423 W4DR	408 W7BA	395 AA5XE K0AZ K5XM KF7CQ WB4EVH	384 K8ROK N2WK	371 AA4ZZ N3PS WA6BYA
435 KF6A	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR			
	421 WW1L				
	419 K7NN				

370 K5TN KN4SM KS4YT N3MK NT0V W4FC	360 K6UM (CN85) W0NOZ	347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3XN WO9S	330 KB8MBC KG6AY W8PI	322 K0CAO N3ALN VA6SZ
369 KF8UN N2DPF W8LMG	359 AA4FF	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	329 AA1QD N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 N0LD NC7B NS4C W9VA
368 K0DD W5RCI W6GMT	358 K5RLA KG8P NK0S	345 AA8SW VE7BV W3XY XE2YWH	344 K6FW KB0PE N8LRG W1OW	328 K6ME N5PT W2CNS WB3LHD	320 K1ST K7LOL N4DW
367 KC4HW W7YAAQ	357 K4LVV	343 K5EK N3RC N6KZ N8HRZ	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC WB5TOI	327 KJ5RC N0YO W2JU W7YA	319 KF2T N7US
366 K17JA	356 K7PT	341 KD7DCR NX7U WA7YAZ	333 AA4LR K0TC KM4HI N0IGZ W3GG	326 K2ZD K5KEW K6LMN K6TDI NG7M W7JLC WF7T	318 W4HY
365 K4JJW K7XB KG7CW	355 KD5XB N3AIU (DM45)	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE W9GM	325 WA2AEY WX0Z	317 KA8SYV W1SKU W3HDH
364 AB5EB K0RAR N6QQ	354 NU6S	339 KE4BKL VA7FC W5VAS WB0OQV	331 K1GJQ K8WDA KC0UDO N4MW W3TI	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	316 K3FN KA0ABA W4UCK W9BWR
363 AB4EJ W4NH	353 AF2K K0CS WA9PWP	338 N9JR NA5Z VE3SXE W9XA WA5KBH			315 K5VH NY2NY XE1AO
362 W1JR WA5OLT	352 KF9UG VE3DS W0KKK W1DYJ XE2ML	337 K8ZES W9EWZ WA5RT WW0E			314 KU4XO
361 AC9DX K6EME K8BL K9NR N1KDO N8KOL NG4C	351 AA4FL K5DTC				313 JE1BMJ N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
	350 N6VI N8YO				312 AF6O
	349 KA0BAD KB1EFS				
	348 N1JFU NJ7G				

KA2GOJ	N3KN	K4KJZ	283	N4GG	KX9N
311	301	KL7HBK	N5OHL	VE6TA (DO33)	N2AMC
AC9S	N0HJZ	N4JJ	WA0FQK	W0FK	N8EHW
KM3T	W7IB	N4MI	WB0CQO		W4FSO
KS4XQ	W9OBG	W2GKR		274	W5WP
W2BZY	WB0TVY	W4VC	282	KB1DMX	W9DRB
W5DB		WA2IIE	AA0ZP	WA8MCD	
	300	292	K0PG		266
310	AA4V	KJ6P	K5TA	273	K1OA
N1NK	K0PHP	W1SSN	N8JCM	KM4H	K1WVX
W9KVR	K0SRL		W4WM	KV1J	TG9AJR
WO4DX	KB6VFC	291		VE6SH	VE3MSC
	N1RR	KS4S	281		WB8EJN
309	WA2BAH	W1WHL	AA8MA	272	
AA9RR	WX2S	W2CCC	JR1LZK	KF8QL	265
KK0DX			K4OY	KO4PRE	N5KS
WA8ZID	299	290	NL7CO	N4SV	W7CT
	DK8NE	WA8EFK	W2YE		
308	KX7L		280	271	264
WA4HFN	VE6WK	289	N0KV	K7NII	AC8L
	W1LE	K2BLA	NM5Z	KB7FUV	K4JAF
307	W8UV	K4MM	W1FKF	KL0S	N0TK
AG1A	WB5GVY	K9FA		W3HHN	NF1O
KE5K		N5BCA	279	W3SW	
W3ATV	298	N7RO	N3JPU	270	263
W9RPM	K0MLD	NQ7G	W0VHF (EL87)	K4SPD	AK4PR
	KD4WSC	W4LTJ	W8GJ	KC9FQD	K9AAA
306	N4IQ		XE1FAS	N2LIV	WB7QBS
K4QE	297	288		NI3K	262
KE8Y	KG5EIU	K1NU	278	W4QK	K3CWH
WV9L	N8YQX	W1DU	AA9D	W5DNT	K5VR
	N9LF	W4HLR	AJ4W	W7JY	KD8JSP
305			K3JT	WZ9B	N4ST
K3VAT	296	287	K3WA		ND4DX
K6UM (CM88)	K4XR	K8DP	N0LNO	269	WA0KBZ
KT1J	K6YUI	KC7MRQ	N8BJQ	K2IE	
WA9M	KC7RW	N8CGY	NN1N	K3ZO	261
		WA4NVM		KD5R	AF2F
304	295	285	277	N5EPA	K3TWK
K6IPF	KE4P	AB0S	AC7JM	N5WD	KB8UUZ
NS4T	N6AR	K5CZD	PV8DX	VA2CY	N3EW
WA0GUD	N7NT	K9UO			W6TCP
	XE1YY	NS7K	276	268	W9TA
303			HC1BI	K6OJ	
EA8DBM	294	284	K2CS	KI0HA	260
K8TGC	K2UU	AB0RX	K5TWJ	N9ZTS	K6JAD
K8TL	K6JSV	K0KP	K7TAB	W0KAN	K9MQ
N7LAN	W7IMC	K4DET	W9OO	WB9PNU	N6HC
		NJ2F (EL96)	275	267	NT7C
302	293		K1MAA	KB1HY	W3DF
JG1TSG	K3AX		K2NJ	KG6EG	XE1YD
KB2TGU					

259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	K1ACL K3NK N9ATF NN4RR VE6NTT	VE3VHB W0VD WD4IXD	WZ9W	K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/0	250 AA9LC N5PA NW6R	242 K3WW KA3TCC	232 IT9IPQ K5FO KK8MM N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	249 CT1IUA K8AO KQ5U N1GC N5SMQ	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL W4HFZ WA8KNE	248 K1ZZ W6VFA	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX K15FJ N2YU N6KW
254 N4GBK N7QOZ NR0Q VE3OTL WD5ITW	247 JA1UAV N5DD W3TEF	238 AA3GM JP1LRT	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
253 F4BKV KG4ERR N2XQM	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	237 K3KO	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL K16X W0NBC
252 AB5A CT1EEB	245 AE4WG N1IA N3XF VA3CW	236 K0SU K4NK N3FTI N9ATD W5AJX	227 K3HPA K8ZT	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX K3EA KF7NN

N1SV	KE4HOA	198	191	W3OU	N0MMA
N2OA	N5ITO	AC8TO	K0ITC	W5BPT	NH7RO
	W8QID	JR2HCB	K9CS	XE1R	VA3DPB
211		N0UK	KK6OH		W8LHP
K9FOH	204	N7EPD	N9AMW	184	WA4QMQ
NE8S	KO0Z	NX0I	W1MJC	AF5Q	
VE3SMA	LU2DX	W8DM	WA2BKN	I0WTD	178
W2ZDP	WA3DRC	WA7KYM	WA5CAM	K0DEW	KA2AYR
W5HNC			WD4JHD	KR4M	KB0EO
W6AER	203	197		N1IBM	KB1RZA
W6KAP	K0VSV	K3EGE		N4BG	KG5RJ
	K5HYT	N4BAF	190		N1ZUK
	K5LOW	W3TW	K5DB		NQ2O
210	N0HF	W5CTV	K5ER	183	VE3NRT
K3MSB	N8SYF		KC2DLD	K5RQ	W0ZY
K9YC	W1RM	196	KN4PPD	N0UBL	W1MAD
KL7NO	W3SZ	K0AIZ	N9UA	W2UDT	WY7FD
N1TQ	W9GFB	K0NR	W1ATV	WC4H	
N6UK	W9VOB	KD3HN	W2OO		
WQ9T	WA1KPD	N5DUW	W4GE	182	177
		W2AMR	WB0DBS	AJ6T CM87	AG4ZE
209		XE2ED		FP/KV1J	K2QQ
AA4IB	202	XE2W	189	K5GMX	KI4BWW
W5WGF	K1BZ		4O3A	K8WK	N2ZA
WA4NFO	K5GJR	195	K6US	NZ1I	NY4I
XE2N	WC7X	AA4W	KC0MEA	W9JJ	SM7FJE
	WF8Z	K2WJ	WA5VKS	XE1CL	W5ZG
208	WQ5W	K6VDP			WA8UEG
AI2N	201	KG6WIK	188	181	
CO8DM	AA7WB		AD7KI	AB9FN	176
KD5HIO	KC5FP	194	KD4HLG	K4CMS	AD5ZA
PV8ABC	KO9V	K2MRK	W4AZR	K5HDE	EA5BY
	KR0I	N3FA	WA7VHF	KB8YKR	K0DI
207	NN0K	N9NFT	WU9Q	N3XJX	KX9X
N1BCL	NR2C	WF1H	WX9M	N4DTF	N5QGH
N8NJA	WA1MKE	WK8A		N9MSG	N9ARX
	WA9ASZ		187	NY0A	NP4BM
206		193	AA8R	W4RBO	W5AFD
AB0CT	200	K9AB	K0JDD	W9BS	WA5IPS
AE4M	4A2MAX	KD2NF	KQ0J	WJ1B	WW2R
AK4Y	K4YJ	KF6XA			
CT3MD	K6ZZ	192	186	180	175
DJ5FI	LU4FW	N1LF	K8PT	K0OST	PV8BR
K4GHS	N5AO	N2NB	K9SG	K4LYN	
K9YC (EN61)	N7PHY	N3CAL	KN7K	KC1MMC	174
KB0LYL	N9AG	N3NR	N0XLR	N1RK	K3MD
NA5Q	VA3VU	N4LXB	N6ZE	N6PEQ	K6WRL
W0BNE		N4TV		N6VH	KC0IYT
W4EJG	199	W6MTR	185	W5HI	KC6ZWT
XE1J	N3KVF	W8FN	AD6W		KG7P
	W4OEP		KD5BQT	179	KU0A
205	WB0YEA		KU4UC	K1EP	N1MGO
AF4OD			NA2R	KU4WD	NA2NY (ex-NA1VT)
K8SD			PY5CC	N0LIE	NA6O

W3SO	KE5EP	V44KAI	W3ZQN	147	142
WA2PNI	N0NHW	VE3LC		AF6AV	NA2X
	N8XE	W4HOG	153	IZ1LBG	NC4VA
173	NO0T	WA1LAD	AA4NC	K6PSP	W5SWV
K2ZZ	TG9ADQ		AB4GG	KC1BUF	WA5TKU
K5YPV	W1BAT	160	K7AD	N8IK	WS4V
KE4SCY		AB1QB	K7ZD	VE3CX	
	166	JA1AFR	N1OFZ	W4YCC	141
172	JA1OVD	K5IQ	N2ADV	W5WOX	JA6RJK
AB9KZ	KC2GHT		N2WM	WA0VPJ	K4AR
K5ZED	N5VU	159	N6DHZ	WA3YGG	K9ATX
KI4PKW	NC4RY	G0OIL	W3DQS		KT8TD
KJ6HI	VA3WEB	K4MZ	W5FI	146	N9FIV
VE2PN	WB4KXS	NS7B	W9ILY	AC0W	NV4B
W4ABC		W1EME	WB5ZAM	K2GW	W4FS
	165	W4TTO		K8YTO	W4POT
171	K4DXT	WB8NUT	152	KB0YH	W6ZI
AA4PB	KD5HPT		AA6I	KB5ZEA	WB9WHQ
HP2AT	N3FX	158	N0RC	KC2TN	WL7OU
KC5GSK	W0RIC	K8CR	N1NUM	KM5TY	WR7AY
KC5YCH		KI0D	NU1T	N4HID	
KI4TZ	164	N2CG	UT7QF	VA2RC	140
NS3L	K2SD		WO4G	VE1VOX	AC5DK
W1PX	K5VWW	157			BA4SI
W6IA	KD0UHN	K4FX	151	145	CO2WF
WA2KBZ	KF9US	KB8GC	W1ZT	KD7YZ	K7SAM
	W4CSW	KC2WUF	W2DXE	V31MD	KC0MEZ
170	WK7G	WA7NB		VA3TTX	KC8TMU
K9TVG	WQ7F		150	WA4JA	KJ4KVC
N8CN		156	KW4BY		N1EN
NA2U	163	IZ8FFA	N9LAH	144	N3VOP
W4IHI	K2JF	K2KJ	VE3OAT	K0TLG	NJ0U
W4JKC	K2YSY	K9OHI	W7APM	K5TDW	VA3FLF
WK3V	N5XZ	N3RN		K6JRA	VE3KY
		N9KO	149	K8MN	W4GPM
169	162	VE7VDX	AB6CF	K8WU	W4TUN
K6XC	AF4GK		K4SAN	N9DI	W6DQ
KD5OMJ	K0QB	155	KK9H	W5MPC	WA4KXY
N2BEG	KA1R	CT1BWU	W3UA	WO7GI	
N5XES	KD4TDI	K3TD	WB4VHF	YV4NN	139
VE3HHT	N5SIX	K6XN			KC7JPC
W8KNO	OE6IMD	N5RMS	148	143	KM2O
	W9JJB	N7AU	AC0DQ	K6JBH	KU0G
168	W9VS	N9OBE	AG0A	K9QFR	N7T
KG5ZMQ	WA1Z	TG9ANF	K0RU	KB8RJS	NA2AA
KS9J	WB0WAO	VA3NQ	K7IU	N8URE (FM19)	W4OV
W2PD		WV8DX	KB2YSI	NA1VT	WB2JIL
W8WEJ	161		N0TM	W0HNM	WY0V
	K0KVR	154	N1TOR	W0UHL	
167	K4EA	AE4NT	N5ZBI	WB0MMC	138
K4MQG	KB3CWQ	KB9VMW	PV8AJ	WM5H	AC0XY
KB1YNT	KK9M	KW4OV	W6VNQ (CM88)		AI6O
KB9REV	N2YBB	NZ6N	WB6RAB		KD7WPJ

KE0A	W0RT	128	W0PE	K4CGY	XE2PXN
KE3D	WI5D	JR2LJO	W1TAM	KD0R	
KE8RO	WW7Q	KC7QAG	W3KN	KD4MZM	116
KQ4KX	XE2O	KJ6SDF	W6SCQ	KD5BRF	IK7EOT
N3XH		KN4DMN	W7YM	KE4SCY (FM06)	K4RGN
	132	N1SFE	W9CDL	N3YPJ	KI6QDH
137	AB3CV	W0WT		VE1JC	KU5B
N1SZ	IC8TEM	W5ZO	123	VE3XK	N0VR
N5JGK	K5VG	W8FR	AC7AF	WA6RAY	NO0B
SM7AED	KW4G	WB2WEO	K9SM	WD4OHD	W0DHB
	N4PPH		KB0GT		
136	N7TP	127	KB0STN	119	115
K0XXX	NE1I	AA9RK	KG6DHQ	AE5AU	K9AAN
K4SX	VE3TM	K3GYK	VE3TG	K0AWU	K9MMS
KC5LK	WN6K	K7UV	W1HS	K1ZN	KE6TVM
KC9AXZ		K8AC	W3DIY	K2SQS	KF0QS
KJ5RM	131	K8OS	W3SE	K4MSG	KF9AF
KV1E	JR1BAS	KB3OZC	W4PRZ	K7JIZ	KM5FA
NO1R	K3NAT	KB9TLV	W5EWF	KF7PCL	N7VGO
W2JCN	KG9R	KC0RQH	W7MHW	KP3V	UW5ZM
W4AVV	KT3X	N6UTC	W8BI	KT0P	VK9DX
W7UV	N2CJ	VE2JWH	W8KHP	KW7N	WA3BZT
XE2JS	TF3JB	W1FLD	WA8WV	N4UPX	WC7V
		WA6BIL	WB2RVX	W0QC	
135	130	126	122	W4SW	114
CU3EQ	AB0X	HB9EFK	K7AED	W7QQ	AC8HU
K4MWB	JA3LZS	KJ7G	K7OGW	WI4T	K2RET
K8ZIZ	K0GUR	N0BDS	KA9JAC	WM9M	K3RTU
LY3W	K4JKB	N7DGI	KB4UF		KC4GCK
N4DB	K8LG	WB4HUC	KB5WFE	118	KG9Z
W6BXQ	KC4NX	YL2AO	KC5UGX	J68AS	NF8M
WB8BZK	NG9R		N5HYV	K4AZV	VE1WOW
WW2DX	NO8D	125	VE6PY	KA4LBD	VE3IRR
XE1H	VE1DX	AA7DK	VE7JAC	KF6MXK	W2JLK
	VE2TZT	K3PU	WD0GTY	KI7BP	W2ZQ
134	W0PHX	KC5DRI		KT8X	W4ALF
AB1NS	W2LES	W2AJM	121	N1QDQ	W4UFO
AB4GE	W3FEY	W3UQH	AE1P	N3JNX	WO2C
AD4TT	WA2SEI	W4DFU	K0MFI	N5EIL	WX4US
C6ABB	WB4YDL	WA6POZ	K4HBI	W2AC / WB2ABK	
GM4UYE	WW5W	WB4OMM	KB2WAL	W2AC/WB2ABK	113
KE5FXE		WE1P	KB5MH	WB2KSK	AB4PM
KF6UFO	129		KE4JFS		AD5MD
N3AIU (DN70)	8P6ET	124	NE0P/9	117	HB9BZA
N8GOU	JF4VZT	K0DLW	UR0MC	AB5J	K3DQB
W4TKI	K0KD	KB0HH (EM06)	W8DN	K4WS	KD4BPZ
WA3WZR	K5QWO	KD5FTD	WB9TFH	N4USG	KD6VCD
	KC8KSK	KM1C		N5JEH*	KM5OL
133	KF4NEF	KT5MR		N5LPT	N3JDQ
KA5ETS	KM5LY	N0SL	120	NA7L	N4YCI
KC1RET	KM5SC	N9AZZ	EA1YO	NU6V	N5YK
KE1VT	N9WBR	PV8AAS	K2CYE	W6WE	W0BM
KM8V			K4AU	WA1TBV	W8MSP

W8VW	VE3AAQ	N5YHF	W9EBK	WA8EQP	N3TBB
WD0ENC	W0YJT	N8HM	W9MDB	WB5FDP	N4NIA
	W1OP	N9XMU	WB2VUO		N5RZK
112	W4ZRZ	VA3OKG	WB8BZK/VE3	101	N5XTR
EA4DEI	W5MPC/1	VE3AJY		AE7V	N7EME
K2MLS	W7RJR	WB6VYH	103	A15WW	N8COP
K3GD	WB6YIY	WQ9F	AA5CK	K0IN	N8XS
K5WTA	WB9W		AB0YM	K0SBV	VP2MRM
KA7T		105	AB5SS	K0WJ	W2CH
N5HMH	108	AC4Q	K2OY	K2NUD	W4/KL7GLL
W1TR	CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK
W5DQ	JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY
W6OAT	JP7EIP	K9MAL	KA1W	K7SYS	W9DQ
W7IV	K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP
W9PN	K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E
WA8TWM	N3MWQ	KC4KK	KC9FFV	KC6AWX	
WG3K	VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99
WX3P	VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD
XE1GK	VY2RU	N4NQY	KR4NO	KG9IL	AB3TM
	W4AMP	N5SAN	N0YXE	KL2R	K0YO
111	W4CRN	N7YY	N1JIF	KR4WM	K4KEW
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4WQ
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4ZO
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ
WZ8P		W8MIL	W0TF	N8VEA	K7DD
	107	W9RVG	W3LEO	N9DVS	K7PAP
110	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K9ZZE
G4BWP	K5UIC		W6XU	VA2LGQ	KA0ZEE
K5KR	KF7PG	104	XE1RBV	W4LLP	KC2IEB
K7LD	KI9A	AB9YC		W5KBD	KC6X
KD5J	KK4LUM	AC5K	102	W7ISG	KD4MWO
KI0F	N3TTT	AC5RN	AA9MY	WB8IMY	KD6RUH
KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KG9AP
KQ4LA	NF0T	IK4DRY	AD6KH		KR4UA
KX5U	US0KW	K5PPP	K0HAQ	100	M5MYH
N5TIF	W2TTT	KB9RNO	K3HW	AC0FT	N4FV
N5YM	WB4PPW	KC1LXO	K9AM	AI2S	N7HRT
W7JET		KC2TR	KA3ZLS	AI9U	N7JPF
W7UP	106	KD9GKL	KB8CR	K2UA	N7TE
	K0MEI	KJ7OG	KC6WFS	K4UQC	N8GHZ
109	K5BJW	KM6WXB	KC8DMN	K5GM	N8YV
AK6ZZ	K7BWH	KO4LZ	KD8NYO	K5KV	N9MKC
IW1ARB	K7JE	N0STP	KE1AU	K8IJ	NB5R
K2DSW	KB0TIJ	N1LDY	KJ4M	K9CC	NH6CJ
K2JGL	KC7ICM	N2FBQ	KR5V	KB9ZLB	NI5W
K2OO	KE5JXC	N3UPS	N1HOQ	K4UQC	NS2P
K5DNL	KJ6MBW	N7AGF	VE7ZD	KC2HLI	VE2HAY
K9GY	KK2DOG	NJ1H	W4RVZ	KC8CC	W2HOG
KE6GLA	N0RQ	VE2PIJ	W5DPT	KC9CMT	W2VU
KJ6CA	N1USB	W1TE	W5OV	KD3SW	W5JLC
KZ7N	N2IPH	W1ZE	W7UT	KE5CVM	W6TJU
N8TMW	N4CE	W4KVS	W9NFL	KF0Q	WA5TRX
N9TTX	N5FPW	W6ZQ	WA4IOB	KG5X	WB5NHX
				KJ5OA	

WB7VVD	KA7EII	N2XK	W5RCQ	VE3RX	VE3WMD
WK5X	KC0YBM	N8PAQ	W7JWC	VE5MX	VK5PJ
WW2R (EL09)	KD5CKP	N8YBY	W9SX	VE7AB	W0MHK
98	KF4KSN	NT2A	WA2ONK	W2GR	W2VTV
AC2RL	KM4NYI	NW5Q	WA3I	W3IPA	W3ZGD
AD8Y	KT5WB	NY2Z	WA4WR	W3TA	W4VG
K0KC	N1VMJ	VE2DCP	WB2SIH	W4LNG	W5DMT
K0UD	N3UMA	W1HMM	WD8DOT	W5ODD	W5DWA
K3IXD	N4BH	W3VHF	WS4S	W5PUF	W7EIR
K3QIA	N6MA	W4KK	XE2AT	W7NX	W7TRX
K4OP	N9APK	W4TMR	94	WA7LHZ	W9IFW
K5HOB	N9IO	W7JHS	AA4RP	WA9BXB	W9NED
KA1EKR	N9KY	WA3EEC	AB4VT	WT9U	W9WI
KE4LGL	NK7C	WB0M	AD1DX	WV7S	WA5ICA
KG4YOU	NU0Y	WB5KJE	AK8CW	93	WB5CON
KG7E	NV3K	WP4LNY	HK4SAN	AG2A	92
KJ2G	VA3FIN	95	K0ARM	AG6CV	K1EY
KK0CQ	W3QT	AB9AI	K3BEE	A18F	K5GDX
KY0Q	W4CWA	AE0G	K3TUF	K0IW	K5TDA
N0JJQ	W4DAS	AE5EO	K4JRK	K1PTF	K7FU
N1JHJ	W4ID	IK8YTA	K4LDC	K1ZK	K7HKR
N3LRP	W7DN	K1PNQ	K4NNX	K2AK	K7UWR
N5TEY	WA6OSX	K4ED	K8GT	K2MTS	KB0PQP
N8AID	WA9LEY	K8BB	K9DOG	K4DAM	KC4JNW
NO5X	WB8RVK	K8KFJ	K9SUL	K5TRI	KD4QMY
NO8R	WB8ZTV	K8ME	KA2F	K6RM	KE4WBO
VA3VF	WE8L	K8VD	KA9UVY	K7IP	KG4URP
VE4XTZ	96	KC5N	KB4YKC	K7TRK	KR7X
W2KRP	AD5OW	KD7WH	KB7AK	KB0USF	N2SG
W6TE	AE4TQ	KD8DR	KC0AUY	KC5TGT	N3GH
WA2FGK	AK4F	KD9ZR	KC3AK	KC5TT	N4VN
WA3TLT	K2CK	KI0SK	KD4VRZ	KC9TTR	N5QO
WB1GQR	K2UF	KW9U	KE3WM	KC9UL	N6FD
WB2YDS	K2UNK	N1XK	KF0LA	KD0QG	N6RPM
WD0E	K4EQH	N2SLO	KG4NLZ	KE6AZX	N7DED
WH6LR	K5CRJ	N2WLS	KU4JZ	KE6UMW	NS6E
WT5H	K8EMR	N3WAV	KV3W	KE8RPJ	UT5JAJ
WV5Y	K9OT	N4ET	N0LNE	KE9V	W1PV
97	KA2NDX	N5BLY	N0LP	KI0J	W2ACY
AB8M	KA3HED	N5ENU	N2SU	KK7MNC	W2CVW
AJ9C	KB5GI	N5KI	N3JBH	N2BX	W3ACO
K0HB	KB8PNS	N9IV	N3XBG	N2YTF	W3GP
K0JQZ	KC0HBP	N9LJX	N3YUG	N3AO	W3HZU
K0QEI	KD6PY	OE9KFV	N5ZMP	N3ZBK	W4BP
K0SH	KI5TE	PY2KP	N6HY	N4GOA	W4LIA
K0YQ	KM5NU	VA3KS	N6MXU	N4YHC	W6NS
K3HZO (FN20)	KR4EE	VA3PZ	N7NH	N7EGY	W8JV
K4GTR	KS4V	VE3KZ	N7UN	N7JI	W9HBH
K4JQU	KT5RR	VE3SPW	N8WWM	N7KSI	WA3JKB
K8XF	N0WVU	W4YZJ	N9DD	NA9D	WA4EEZ
KA2BSK	N2LID	W5ADA	N9UNX	VA3JFF	WM3O
	N2VHZ	W5CBF	VA3MA	VA7QI	

91	K6UIP	WA7SDI	AG4I	NJ1Q	KC5YKX
AA0CW	K8EAB	WB3IAL	K4JC	VE3GFN	KG4KVZ
AD3Y	KA5TJI	WM6Y	K5UZ	VE7DAY	N1SF
CO2WZ	KB5FHK	WQ5C	K5WO	W1WV	PU8TEP
K1UR	KB7BSA	WR5AY	KB1VUN	W3STU	W5DAS
K4SPA	KK4DZP	XE2NL	KC8NAH	W4IT	W5DM
K6YK	KW3DX	XE3DX	KE6WOX	W4RA	W7YOZ
K7HPN	N2ULL		KI6RRD	W6ST	W8GG
K8OI	N4BRF	88	N0ELA	W7SIR	WA2ONG
KB2YWU	N5BA	AA4QE	N2CJN	W8DQ	
KB3IAI	N9JJ	AE0DX	NA5DX	W9QY	81
KB3NDS	VA3XOV	AE4OF	NE5S	WA4WKL	AB4I
KB7AZ	W9CPV	AF4MI	NI5F	WD4LSS	DF3CB
KC5POV	W9CSY	K1RS	NN7RM	WF4R	KE4DZU
KC8LGL	WA2BEV	K3TN	W8GOC		N6MM
KE1IU	WA8OJR	K4XD	WB3IGR	84	N7NEV
KE7RTB	WD9HCF	K7CTV	WB8JAY	CT3FT	NI4Y
KG4QWC	WE7H	K7WV	WF4W	K4EZY	W3MC
KI3O	WEST SEATTLE	K7ZTV		KE6NDG	WA4ZXV
KI5BLU	WH6LE	K9JF	86	N1KI	WA8ZNC
KM7N	WM7C	KB2KIR	AG1T	N2NWS	XE1EE
KM9I	WT4C	KC1GWX	K7FB	VE2WBK	
KQ6K	XE3/K5ENS	KC3MLC	KA9OKH	W8PU	80
N3PPH		KE8UM	KB7JJG	W8SGR	AC6BW
N3WCM	89	KI2D	KI6HQT	ZS6NK	G4FKA
N6DW	AB1TZ	KI4RFM	KN4MMH		K7FR
N7CZ	AG2AA	KJ4KW	KP4TB	83	KE4PT
N8DEZ	AG7NR	KU4S	KT1R	AA6E	KR4Q
NR4J	G4NBS	N0OK	N2NF	DL5XJ	KW1DX
NU4N	JQ1TIV	N1CEO	N3MVF	K1LH	N2NS
VA2BBW	K4BMM	N2MKT	N8TFD	K4SQC	VY2HF
W2SUB	K5CX	N2ZN	NZ3O	K6JJ	W2DEN
W4MLN	K5JAZ	N4CAG	SV1RK	K8SIA	W5TTY
W5KDA	KA0MWA	N4GN	VA3MDB	KB3HHA	W7AM
WB0NRV	KF4TVL	N4KIN	VA7LM	KB9LIE	
WB7X	KI0G	N4UC	VE7IRU	KK7BV	79
WC4V	KI4FW	N5VBK	W8IW	KU4WW	K4RW
XE1GZU	KI4US	NS3X	WA1PMA	N5PD	K5JBT
	KR4U	NT4TN	WB4GCS	N6KTH	KB4DSL
90	N2GZ	VE2VLJ	XE2AU	SV2AEL	KP4N
AA0LM	N5KAE	W2BZR		TG9AKH	N2COP
AB4WL	N8YSZ	W3YX	85	W7USB	N5YJZ
AB9DU	N9RG	W4DL	AC9GK	WD6T	N9RC
AF5BG	N9UDX	W4R XR	EI3IO	WD9IOK	VE3CFK
DL1SMA	NE2U	W7HDD	K1UU	WI6Z	W2GW
JH4JNG	VE3VCF	WA2BTR	K4LRP	XE1MM	W2SKI
K1HC	W0HRO	WA5MD	K5MJP		WN0L
K1KA	W1HY	WK3N	KB3MXK	82	
K3CWF	W2JEK	WV8O	KC0V	AD4IE	78
K3UAL	W2OK	XE1SOV	KE4DRF	CB0ZA	IZ8EDJ
K4AAP	W4ZMM		KK4AND	K3RJK	K2QPN
K4FTP	W6VNQ	87	N2RJ	K4JMX	SP5QWB
K4XZ	W9HT	AC0A	N4LS	KA5WSS	TG9AWS

W4NE	70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	K4MLB N0GVK US5WE	K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
77 K1IFJ MI0AYR	69 K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	67 JG2TSL KF4JHG W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 HB9RUZ WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)9H1SP	22 IZ3ENH OE3SGU
74 AK8B CX4AAJ HB9ALO KF2TI LU4FPZ VE6SO VK4CZ WC6DX	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
73 JF1IRW VP2MJD W4WT	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA SP5APW WA2EMF	42 W0PR	31 K7TM	20 CX1FK I1FQH JM1KVVW N1WC PY5EW W8LR
72 N4II PV8ADI	64 K3BQ WD5GRW (EM150C)	54 AG4KI	41 E75AA LA6OP N6PAZ	30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP WC5M	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE	
	62 K4DXA N6ZDH	52 CT1ETE N8OFS OH4UI VE9FCP	39 AA5PK	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH
	61 CU3AN	50 N8MR	38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM
		48 G8BQX HL2IFR JA9KRO	37 BA7NQ HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	
				25 EA4/K1WE	

16 N6VHF TI2CDA	10 DL4CF HB9BOS JH8RZJ JI2UDK KA5WRG PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY IK8GYS JI5USJ JJ1IDW KB8VAO M1VFN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	SV1VN US0YA W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G6MXL G7SQS G8TTI IK5BSC IW0AFS IZ0BTV IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT JI1HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA OZ1IKY PU5SVE SM3GBA SM6LPG SQ7EXY UN8G UR5EDX VR2VGM WB7VUF YO8WW
15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX	2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA	
14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO G1VDP JA1CPU JE3PCP JJ2NWI N8RO OH8LXT			
13 K4AKX K4WY PY2MC W4PWF	7 DH0GSU G8APB IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO		
12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB				
11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE JG1JPE PY2VA		1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB	