

Ye Olde Frozen Pumpkin Letter  
December, 2001  
Pack Rats

The frost is not on the pumpkin; the pumpkin is frozen solid! I don't know where the time goes. The January contest is almost upon us, and the same story applies this year as any in the past. I'm not ready yet, I've been building for months, and the paperwork is late! But I will be ready, I'll finally have everything complete, and everyone will get the contest package, come hell or high water!

The date of the ARRL January VHF Sweepstakes is 1900 UTC Saturday 19 January 2002 through 0400 UTC Monday 21 January 2002.

Lot's of buildup has been going on. The appearance of the 40W Toshiba amps has spurred a lot of guys adding **3.4GHz**, or improving what they already have. There are some **STRONG** stations on this band now, and they should be easy to work. Look for WA3GFZ, N3NGE, W3KM, N3EXA, WA3NUF, W2SJ, AA2UK, AA3GN and of course W3RJW. There will be **NO EXCUSES** for not working FN20 and FM29 on 3.4.

**AA2UK**'s big effort in FM29 should help make that grid available for some who couldn't find it before on the mid microwave bands. The effort really shows. Bill I can't believe you put all that together in 3 months. 50-10368 should be running.

**Rovers K1DS/R** and **N1XKT/R** will be out there weather permitting or not, having a great time. I'm anticipating working them from more grids and on more bands this year than ever before. Also, 50MHz to 10GHz, + laser.

It all comes down to this: there will be a lot more contacts to be made, more multipliers to be had, and an opportunity to earn a personal best score for yourself and the club as well.

There will be several **club multi-ops** running this year. As usual **K3EOD** will be running from Vineland, NJ, **W0RSJ** from Easton, and **N3NGE**. If you can't operate your station this year, by all means get in touch with one of these guys and arrange to help out.

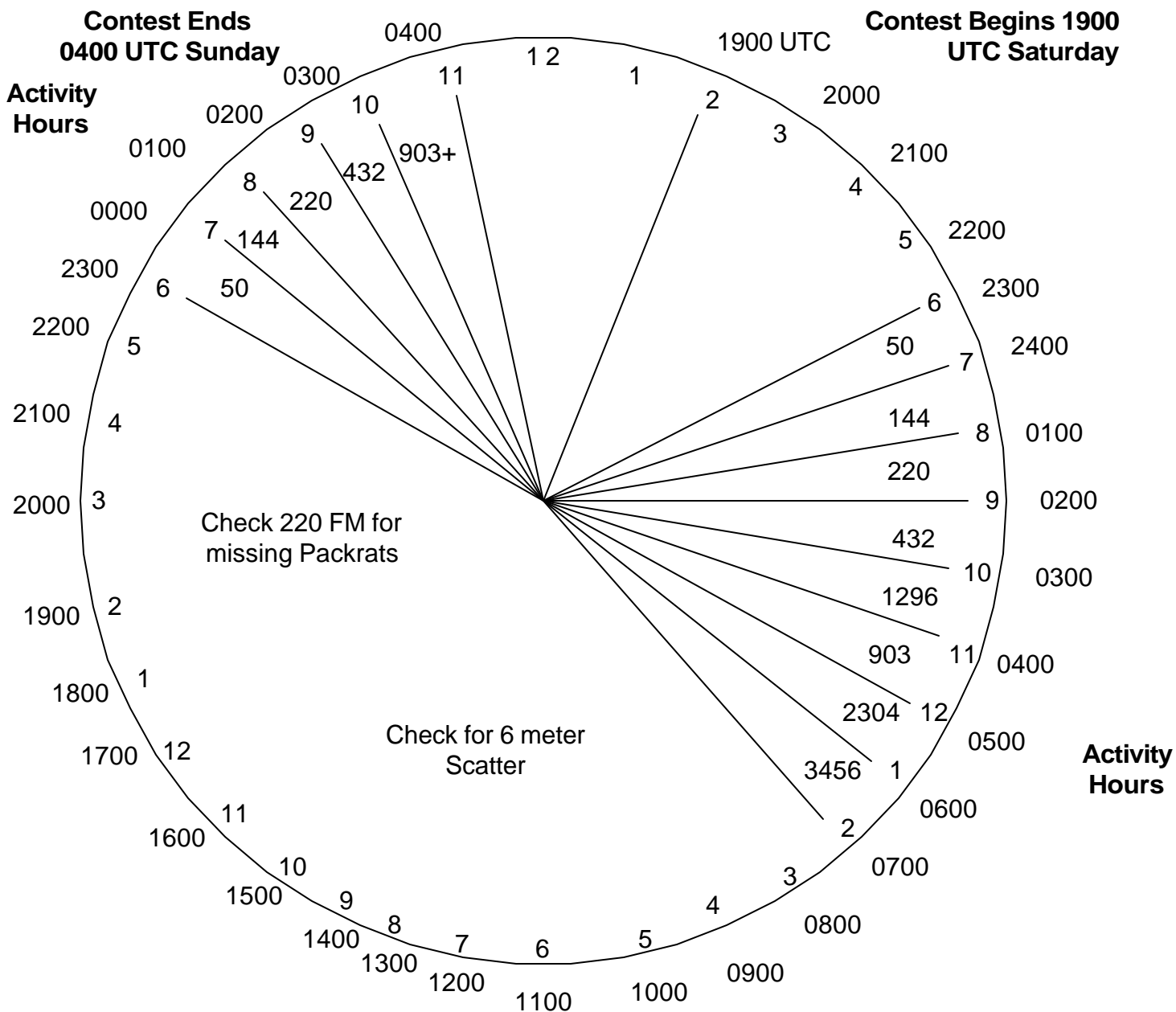
**Rule update - logging:**

This year as in the last, the league is requiring any computer generated log to be submitted in machine readable form. In addition, the format of the log has changed. Most computer logging programs now can output the required Cabrillo file. Please check your logs carefully for errors before sending them in.

73!

Joe – AA3GN

# January V.H.F. Contest



## CONTEST CLOCK

Get some SLEEP  
Eat and Drink Right

Work All PackRats on  
all Possible Bands

### Work the Activity Hours

Check 6 and 2 at Sunrise  
Noon and Sunset for DX

Every Score Helps the  
Club and Your Team

### FM Frequencies

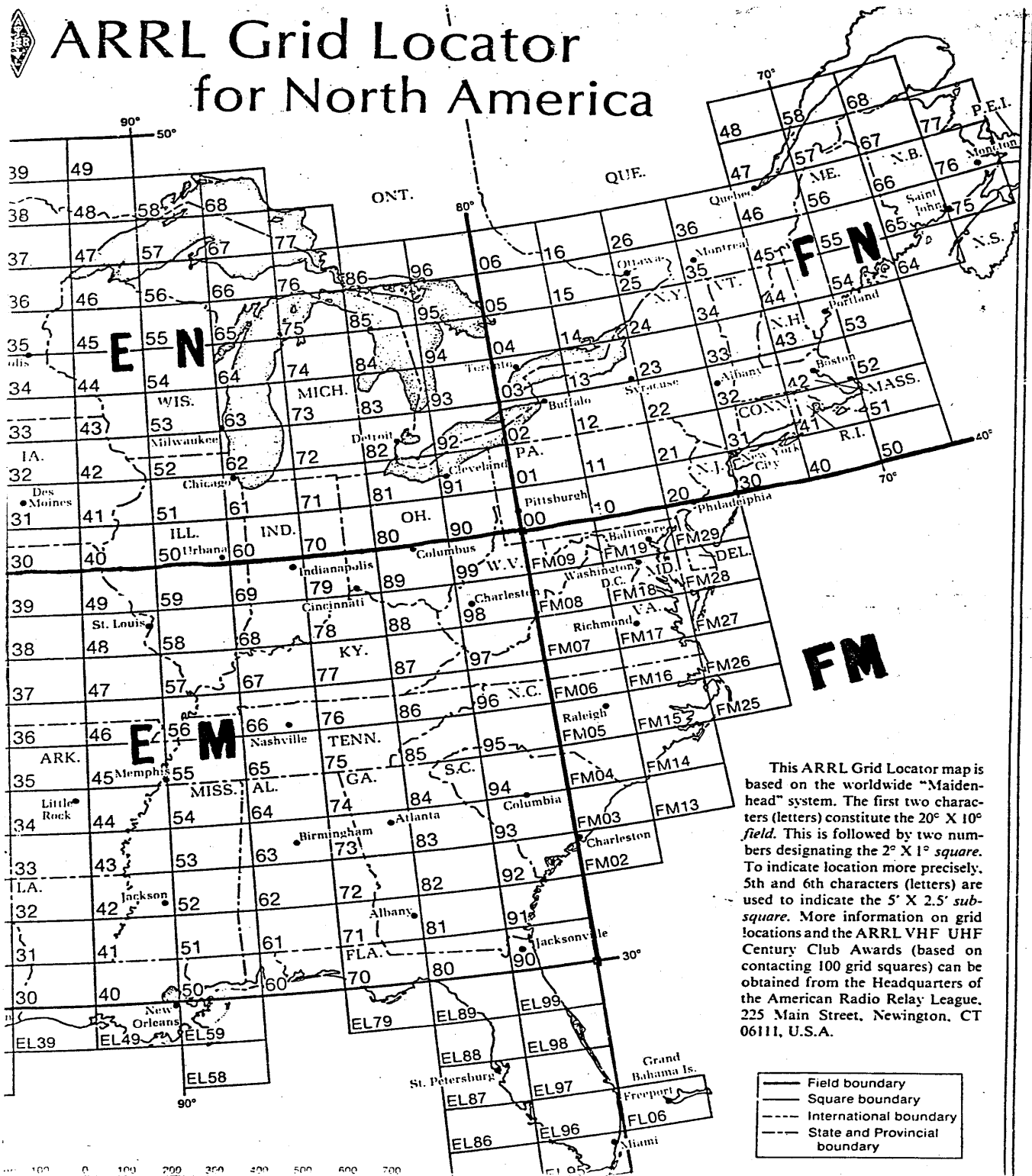
146.49	223.50
146.55	223.52
146.58	223.60
147.45	
147.48	446.0
147.51	446.1
147.54	

Use 147.48 or 147.51 for Coordination Freq.

**Have FUN !**



# ARRL Grid Locator for North America



This ARRL Grid Locator map is based on the worldwide "Maidenhead" system. The first two characters (letters) constitute the 20° X 10° field. This is followed by two numbers designating the 2° X 1° square. To indicate location more precisely, 5th and 6th characters (letters) are used to indicate the 5' X 2.5' sub-square. More information on grid locations and the ARRL VHF UHF Century Club Awards (based on contacting 100 grid squares) can be obtained from the Headquarters of the American Radio Relay League, 225 Main Street, Newington, CT 06111, U.S.A.

- Field boundary
- Square boundary
- - - International boundary
- - - State and Provincial boundary

--CUSTOM BEAM HEADINGS AND DISTANCE CHART FOR PACKRATS--  
 CENTERED ON 40° 0' N. LAT. AND 75° 0' W. LONG. (PHILA)

All bearings are to the center of each grid square,  
 headings are in degrees east of North, and distances  
 are in statute miles. Prepared by WB2RVX, Nov. 1984.

GRID	LOCATION	BEARING	RECIP	RANGE
EM86	TENN/VA	243	63	496
EM87	KENTUCKY	251	71	464
EM88	KEN/OHIO/WVA	259	79	440
EM89	OHIO	268	88	426
EM95	NORTH CAROLINA	228	48	451
EM96	NC/VA	235	55	405
EM97	VA/WVA	244	64	366
E198	WEST VIRGINIA	254	74	337
EM99	WVA/OHIO	266	86	320
EN80	OHIO	277	97	423
EN81	OHIO/MICH	286	106	431
EN82	MICH/ONT	295	115	450
EN83	MICHIGAN	303	123	477
EN84	MICHIGAN	310	130	513
EN90	OHIO/WPA	278	98	318
EN91	OHIO/WPA	290	110	330
EN92	ONTARIO	301	121	356
EN93	ONTARIO	310	130	392
FM04	NC/SC	211	31	439
FM05	NORTH CAROLINA	216	36	380
FM06	NC/VA	223	43	325
FM07	VIRGINIA	233	53	276
FM08	VA/WVA	245	65	238
FM09	VA/WVA/MD/PA	262	82	215
FM14	NORTH CAROLINA	197	17	395
FM15	NORTH CAROLINA	200	20	329
FM16	NC/VA	205	25	265
FM17	VIRGINIA	213	33	203
FM18	VA/MD	227	47	149
FM19	MARYLAND	253	73	112
FN28	DELAWARE/SNJ	180	0	104
FN00	PENNSYLVANIA	281	101	214
FN01	PENNSYLVANIA	298	118	233
FN02	NEW YORK	311	131	270
FN03	NEW YORK/ONT	321	141	317
FN04	ONTARIO	328	148	372
FN10	PENNSYLVANIA	289	109	111
FN11	PENNSYLVANIA	315	135	147
FN12	NEW YORK	330	150	201
FN13	NEW YORK	338	158	263
FN14	ONTARIO	342	162	327
FN15	ONT/QUE	346	166	393
FN21	PA/NY/NJ	0	180	104
FN22	NEW YORK	0	180	173
FN23	NEW YORK	0	180	242
FN24	NY/ONT	0	180	311
FN25	ONT/QUE	0	180	380
FN30	NEW YORK	71	251	111
FN31	NY/CONN	45	225	147
FN32	NY/MASS	30	210	201
FN33	NY/VT/NH	22	202	263
FN34	NY/VT	18	198	327
FN35	QUEBEC	14	194	393
FN41	CONN/RI/MASS	62	242	233
FN42	MASS/NH	49	229	270
FN43	NH/MAINE	39	219	317
FN44	VT/NH/MAINE	32	212	372
FN45	NH/MAINE/QUE	27	207	430
FN54	MAINE	43	223	436
FN55	MAINE	37	217	486
FN56	MAINE	32	212	540
FN63	NOVA SCOTIA	57	237	477
FN64	MAINE	50	230	513
FN65	NEW BRUNSWICK/ME	44	224	555
FN66	NEW BRUNSWICK	39	219	602
FN67	NEW BRUNSWICK	35	215	653
FN74	NOVA SCOTIA	55	235	597
FN75	NOVA SCOTIA/NB	50	230	633
FN76	NEW BRUNSWICK/PET	45	225	673

## Pack Rats to look for in the 2002 January VHF SS

CALL	GRID	BANDS USED
KU3A	FN20kj	6-2-222-432-903-1.3
N3AOG	FN20ke	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
WA3AQA	FN20kc	6-2-222-432-903-1.3
K3AX	FN20ag	6-2-222-432 1.3
K3BPP	FM28ix	6-2
WU3C	FN20kg	2-222
N2CG	FN20wv	6-2-222-432
K3CX	FN20kh	6-2-222-432-903-1.3-2.3
N2DEQ	FM29ls	2-222
W3DFM	FN10wp	6-2-222-432-903-1.3-2.3
K3DMA	FN20kc	6-2-222-432-903-1.3
WA3DRC	FN20lf	6-2-222-432-903-1.3-2.3-3.4 10.3
K1DS	FN20id	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
K1DY	FN54jq	6-2-222-432-903-1.3-2.3-3.4
K3EBZ	FN20ke	6-2-222-432-903-1.3
WA3EHD	FN20kd	6-2-222-432-903-1.3-2.3
N3EMY	FN20kd	2 432
K3EOD	FM29ll	6-2-222-432-903-1.2-2.3
K3ESJ	FN20ji	6-2-222-432
N3EVV	FN20kd	6-2-222-432
N3EXA	FN20ij	6-2-222-432-903-1.3-2.3
W3FGQ	FM29iv	2
W3GAD	FN20mg	6-2-222-432
WA3GFZ	FN20kc	6-2-222-432 1.3-2.3-3.4
AA3GN	FN20ih	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
K3GNC	FN20ja	6-2-222-432-903-1.3
N3GSA	FN20hk	6-2-222-432-903-1.3
W3GXB	FN20jm	6-2-222-432-903-1.3
W3HMU	FN20kl	6-2-222-432
NE3I	FN20id	6-2-222 1.3
K3IB	FN20hk	6-2 432
KB3IB	FN20nd	6-2-222-432-903-1.3
W3IIT	FN20hd	6-2-222-432-903-1.3
K3IPM	FN20nd	6-2-222-432
N3ITT	FN20kl	6-2-222-432-903-1.3-2.3
K3IUV	FN20ld	6-2-222-432 1.3
K3JZJ	FN20lb	6-2-222
K1JT	FN20qi	6-2-222-432-903
WC2K	FM29pt	6-2-222-432-903-1.3-2.3
W3KJ	FN20hg	6-2-222-432-903-1.3-2.3 10.3
W3KKN	FN20kd	6-2-222-432-903-1.3-2.3
W3KM	FN20jl	6-2-222-432-903-1.3-2.3-3.4
K3MFI	FN20le	6-2-222-432-903-1.3-2.3
KA3MGB	FN20cn	6-2-222-432
N3NGE	FN20ad	6-2-222-432-903-1.3-2.3-3.4-5.7
WA3NUF	FN20ke	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
WA2OMY	FN20hd	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
W3OR	FM28en	6-2-222-432-903-1.3-2.3
N3OZO	FN20ke	6-2-222-432
WR3P	FN20kb	6-2-222-432
W2PED	FN20tg	6-2-222-432-903-1.3-2.3-3.4-5.7
N3PLM	FN20if	6-2-222-432-903-1.3-2.3
AA3RE	FN20if	6-2-222-432-903
W3RJW	FN20le	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
WA3RLT	FM29cx	6-2-222-432 1.3
WORSJ	FN20jq	6-2-222-432-903-1.3-2.3-3.4-5.7
WB2RVX	FM29mt	6-2-222-432
WB2RXM	FM29mu	2-222
W1SD	FN42jx	6-2-222-432-903-1.3
W2SJ	FM29lw	6-2-222-432-903-1.3-2.3-3.4-5.7
W2SK	FN20ke	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
W3SZ	FN20ah	6-2-222-432 1.3-2.3
K2TXB	FM29pt	2 432 1.3 10.3
AA2UK	FM29pn	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
W2UR	FM29ov	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
K3VEQ	FN20hf	6-2
WB2VLA	FN20of	6-2-222-432-903
KB3XG	FN20hd	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
N1XKT	FN20id	6-2-222-432-903-1.3-2.3-3.4-5.7-10.3
WA1YHO	FN42it	6-2-222-432-903-1.3-2.3
WA3YUE	FN20gf	6-2-222-432-903-1.3-2.3
K3ZPN	FM29nw	6-2

## 2002 DX List

N4IS	EL96	50-144		
W4VHH	EM95	144	432	1.3
AA4ZZ	EM96	50-144-222-432		
K8RYU	EM99	144		
K9MRI	EN70	144		
WW8M	EN72	50-144-222-432		
K2YAZ	EN74	50-144-222		
N8KOL	EN80	144-222		
WA8WZG	EN81	50-144-222-432-903-1.3		
K8MD	EN82	50-144-222		
N3WVB	EN90	50-144		
K8AB	EN91	144		
K8TVD	EN91	50-144	432	
N8GLS	EN91	144		
N8NYE	EN91	144		
K8DR	EN91	50		
VE3TFU	EN93	144-222-432		
VE3SMA	EN93	144		
VE3EU	EN93	144		
VE3UMV	EN93	50		
K4QI	FM06	50-144-222-432	1.3	
W4MYA	FM07	50-144	432	
KF4QQY	FM07	144		
KF4QTY	FM07	144		
KG4HOT	FM08	144		
W4IY	FM08	50-144-222-432		
K4ZOO	FM08	50-144-222-432		
K3JAY	FM08	50-144-222		
K4NRA	FM08	144		
AA4TJ	FM08	144		
K4RTS	FM08	50-144-222-432-903-1.3		
KB4OLM	FM08	50-144	432	
AD4TJ	FM08	50	432	
K4MW	FM08	144		
N4UB	FM09	50		
W8TL	FM09	144		
WB8VAZ	FM09	144		
WA3EOQ	FM09	144-222-432	1.3	
K2UOP	FM09	50-144	432	
N4MM	FM09	50-144		
K4SRD	FM09	50		
KN4SM	FM16	50-144	432	
W4MVB	FM16	144	432	
AD4DG	FM16	50-144	432	
K4WYS	FM16	50-144	432	
W2BZM	FM16	144		
NG4C	FM16	50-144-222-432		
WF4R	FM16	50-144	432	
KC4AUF	FM17	50-144-222-432		
W3IY	FM17	144-222		
N4MW	FM17	222-432		
N4HB	FM17	144		
K3MZ	FM18	144	432	
WA3YKI	FM18	144		
K8GP	FM18	50-144-222-432-903-1.3-2.3		
WR3Q	FM18	144		
K9OYD	FM18	144-222-432		
WB3IGR	FM18	144		
K4SO	FM18	144		
K4FTO	FM18	50-144-222		
N3WMT	FM18	144		
N3UM	FM18	50-144		
WB3DR	FM18	144		
W3CB	FM18	144		
WK3I	FM18	144		
KL7GLL	FM18	144		
K4ENE	FM18	144		
KE4SKX	FM18	144		
K3DSP	FM18	50		
K3ZO	FM18	50-144		
N2XHZ	FM18	50		
K3GEG	FM18	50		
K4ME	FM18	144		
WA4PRR	FM18	50-144		
W4GP	FM18	50		
WB1FXX	FM19	144		
N8RAT	FM19	50-144	432	
N3ZTZ	FM19	50-144		
K3RLJ	FM19	144		
W3UJG	FM19	222		
KA3TCC	FM19	50-144	432	
AK3E	FM19	50-144	432	
KE3I	FM19	50-144	432	
N3VOP	FM19	50-144	432	
K3DI	FM19	50		
N3UR	FM19	144		
WA3ZKR	FM19	50-144		
N3EMF	FM19	50-144-222-432		
WB8TFV	FM19	144		
AK3T	FM19	50		
W3IP	FM19	50-144-222-432		
WS3C	FM19	50-144	432	
W3FT	FM19	50-144		
AI3Z	FM19	50-144		
AA3TR	FM19	50		
NC4S	FM19	144		
W3ARS	FM19	50-144		
N3JPU	FM19	144	432	
WN3C	FM19	144		
N3IIG	FM19	50		
WV8E	FM19	144		
K3ROJ	FM19	144		
W2YE	FM19	50		
K3DNE	FM19	50-144-222-432-903-1.3		
WA8EPS	FM19	144		
WA4VHF	FM19	432	1.3-2.3	
K3IXD	FM19	50-144-222		
N3GWZ	FM19	144		
WD8EGW	FM19	50		
K3NLM	FM19	144		
K3HCE	FM19	50-144		
KT3RR	FM19	144		
N8II	FM19	50		
N3XUB	FM19	144		
WB3JVD	FM19	144		
K3JAW	FM19	144		
W3EME	FM19	50-144		
W3GN	FM19	50		
W3ZZ	FM19	50-144-222	903-1.3	
N3WM	FM19	50		
N3FL	FM19	144	432	
N3QYH	FM19	50		
N3VBG	FM19	50-144		
KJ4LZ	FM19	144		
N3KNI	FM19	50-144		
K1RZ	FM19	50-144-222-432-903-1.3-2.3		
N3XBG	FM19	50-144	432	
W3EKT	FM19	144		
N3AM	FM19	144		
KA3ZLS	FM19	144		
N3II	FM19	50-144		
N3HBX	FM19	50-144-222-432		
W6AXX	FM19	144		
K3XO	FM19	144		
W3VRD	FM19	144		
N3ZPL	FM19	50		
WA3Z	FM19	50-144		

W4RX	FM19	50-144-222-432-903-1.3-2.3	K3YTL	FN11	50-144-222-432-903-1.3-2.3-
K4MHZ	FM25	144	3.4-5.7-10.3		
AA3ID	FM25	144	N3FYD	FN11	144
W3WTO	FM28	144	N3YGL	FN11	50
K3BPP	FM28	50-144	N3JPV	FN11	144 432
K3DEL	FM28	50-144-222-432-903-1.3	K3UZY	FN11	144
K3PFW	FM28	144	N3BUD	FN11	50-144
W3OR	FM28	50-144-222-432-903-1.3-2.3	WA4GPM	FN11	50-144-222 1.3
W3ZAC	FM28	144	KB2KFL	FN11	50-144
WO3T	FN00	50	W3KR	FN11	144
K3MJW	FN00	50-144	N2LSJ	FN12	50
W3SO	FN00	50-144 432	N2BN	FN12	50
AA3GM	FN01	144	K2AXX	FN12	50-144-222-432
W2SAG	FN02	50-144-222	KB2SGX	FN12	50-144-222-432
KB3WL	FN02	50-144-222-432	N2OLA	FN12	50
VE3AX	FN02	144-222-432 1.3	KE2B	FN12	50
N2XTX	FN02	50-144	N2PA	FN12	50-144-222-432-903-1.3
K2AN	FN02	50-144	KB2DMK	FN12	50-144
K8ZES	FN02	50-144-222-432	KE2DN	FN12	144
WA2OMU	FN02	144	K2UA	FN12	50
VE3MQW	FN03	50-144	KC2HHB	FN12	50
VE3KZ	FN03	50-144	KB2TXP	FN12	144
VE3VZ	FN03	144	KB2YVC	FN12	50
KA2KQP	FN03	144	N2HKD	FN13	144
W2EV	FN03	50	K2ERG	FN13	50-144
VE3SRD	FN03	50	K2CS	FN13	50
VE3FHM	FN03	144	N2NEP	FN13	144
VA3MW	FN03	50	W2FU	FN13	144-222
N2WK	FN03	50-144	W2LU	FN13	50
VE3YCU	FN03	144	W2UAD	FN13	144
VE3OIK	FN03	144	N2UIO	FN13	144
VE3AJY	FN03	144 432	KV2X	FN13	50-144
VE3BFM	FN04	144-222-432	K2OEQ	FN13	50-144
KA3RCS	FN10	50	NQ2O	FN13	144
W3AD	FN10	50-144 432	N2AKT	FN13	50
KC5DRI	FN10	50	VE3BHW	FN14	144
KB3EXB	FN10	50-144-222-432	VE3IEY	FN14	222-432
K3MLD	FN10	144-222-432-903-1.3	KC2DXM	FN21	144
WD3R	FN10	144	AB2DE	FN21	144
K3IWK	FN10	50-144 432	NA2T	FN21	50-144 432
KB3CWS	FN10	144	KB2VPI	FN21	432
N3BCZ	FN10	144	N3EVW	FN21	50-144
KF3CU	FN10	144	N2GDY	FN21	50-144
N3HUE	FN10	50-144 432	K2AVA	FN21	144
K3XR	FN10	50-144 432	WA2FGK	FN21	50-144-222-432-903-1.3-2.3-3.4
K3ARR	FN10	50	NN2T	FN21	144
W3HD	FN10	144	N2TEH	FN21	50
W4HZU	FN10	432	K2MWW	FN21	50 432 1.3
N3JRO	FN10	144	K2BOG	FN21	144
KA3PCX	FN10	144	W3MTP	FN21	50-144
W3DFM	FN10	50-144-222-432-903-1.3-2.3	W2ENY	FN21	144
N3EEI	FN10	50-144	N3XXH	FN21	144
W3JM	FN10	50	N2BE	FN21	432
N3XJX	FN10	144-222-432	KB2TCQ	FN21	432
K3CWH	FN10	144	N3UPM	FN21	50
K3MEM	FN10	50	W3FMH	FN21	50
WA3FIX	FN10	50	N3SFR	FN21	50
K3XF	FN10	50-144-222-432	N3KK	FN21	144
W3OID	FN10	50-144 432	K2KJI	FN21	144
KE3HT	FN10	144	N2TMT	FN21	50
W3HZU	FN10	50-144	N2CSF	FN21	144
WA3CSP	FN11	50	N2DF	FN21	50
KA3CWR	FN11	50	N2WM	FN21	50
N3NOP	FN11	144	N2SE	FN21	50-144 432
K3MBM	FN11	50	KB3DCM	FN21	50-144-222-432
K3KEL	FN11	432	AB2I	FN21	50-144 432 1.3
N3RN	FN11	50-144-222-432	N2CMJ	FN21	50 432
N3LQS	FN11	50	N8XUS	FN21	144
K3UL	FN11	50	N2AAZ	FN21	50
N3MFL	FN11	50	W2AR	FN21	50-144
			AA1JU	FN21	50

N3JNX	FN21	50-144	432		N2DXJ	FN30	50	
KD3ST	FN21	50-144	432		WB2AMU	FN30	50-144	432
N3YWB	FN21	50			N2FKF	FN30	144	432
KA2CYN	FN21	50			K2OVS	FN30	50-144	432
K8RS	FN21	50-144	432		K2TGW	FN30	50	
K4RGM	FN21	50			WB2DCU	FN30	50-144	
K3CC	FN21	50			WB2JTI	FN30	144	
N1NR	FN21	144			W2QK	FN30	144	
N2ZAK	FN21	144			AA2DR	FN30	50-144-222-432	
N2VLA	FN21	144			WA2YJF	FN30	144	
WA2PCS	FN21	50-144			N2MB	FN30	50	
K3PR	FN21	50-144			AA2XK	FN30	144	
K2QS	FN21	50-144			KB2WQU	FN30	50-144	
K3ISH	FN21	50			KG2HO	FN30	50	
N2NHN	FN21	50			N2ROC	FN30	144	
WA2BKN	FN21	50-144			WB2RFX	FN30	144	
KI3P	FN21	50-144			WB2QQR	FN30	144	
WB3AOT	FN21	144			KF2XF	FN30	144	
KB2CRU	FN21		222		K2LDK	FN30	50	
N2NK	FN21	50-144-222-432			W2TMA	FN30	50	
KC2DPB	FN21	50			K2LCK	FN30	50-144	432
N2KLC	FN21		222		WB2MAI	FN30	50	
N3TKK	FN21	144			W2PQK	FN30	50	
K2TVI	FN21	50-144-222-432	1.3		N2LIV	FN30	50-144	432
KC2DLD	FN21	50			KC2CDC	FN30		432
N2UIU	FN21	144			K1WVX	FN31	50-144-222-432	
K2ZD	FN21	50-144-222-432			K1TEO	FN31	50-144-222-432-903-1.3-2.3-3.4	
N2IGX	FN21	144			10.3			
N2XRJ	FN21	50-144			KC1DR	FN31	144	
N3GRQ	FN21	144			N2FH	FN31	50-144	
N3FA	FN21	50-144			KE1DB	FN31		432
N3FJA	FN21	50			K1FO	FN31	50-144-222-432	1.3
AA3WO	FN21	50			KC2EKI	FN31	50-144	
W2LGB	FN21	50-144	432		WA1IXU	FN31	144	432
KB2WFF	FN21	50-144			W2HVK	FN31	144	
WA2YEI	FN21	50-144-222			K1PXE	FN31	144	1.3
WA2WMJ	FN21	50-144	432		N2SPF	FN31	144	432
K2JIQ	FN22	144			W1AW	FN31	50-144	
N2WCY	FN22	144			KB1HY	FN31	50-144	
W2XL	FN22	50-144-222-432			W1ZV	FN31	50	222
N2HTU	FN22	144			N1XXU	FN31	144	
K2FU	FN22	50			K2SMC	FN31	50	
KAIZE	FN22	50-144-222-432-903-1.3-2.3-3.4			K1ZZ	FN31	50-144	432
N2UD	FN22	144			K1IIG	FN31	50-144	
W1CCS	FN22	50			N2JBO	FN31	50	
W2FCA	FN22	50-144-222-432			N1NW	FN31	144	
WB2KLD	FN22	50			N2SBF	FN31	50	
AA2YG	FN22	50-144			K1VDF	FN31	144	
WG2E	FN22	50			K1GX	FN31	50-144-222-432-903-1.3-2.3	
VE2EBF	FN23	50			NM1K	FN31	144	
N2BQW	FN23	50			KC4ZD	FN31		432
K1JEK	FN23	50			W1NRB	FN31	50-144	
WA2RQC	FN23	50-144	432-903-1.3		WZ1V	FN31	50-144-222-432-903-1.3-2.3	
W2MPK	FN23	50-144			K1YR	FN31	144	
W2VO	FN23	50-144			W2CH	FN31	50-144	
W2WGL	FN23	144	432		KC2DAA	FN31	50	
W2NNY	FN24	50-144			K1MAP	FN31	144	
K3KYR	FN24	50-144			K1ZE	FN31	50-144-222-432	1.3
VE2ZP	FN25	144			W1QK	FN31	50-144-222-432	
VE2DFO	FN25	144			K1UHF	FN31	50-144-222-432-903-1.3-2.3	
VA2ADB	FN25	50			10.3			
VE3FHU	FN25	144			K1NCO	FN31	50-144-222-432	
VA2JML	FN25	144			WY1U	FN31	50	
N2LTV	FN30		432		KB1EKZ	FN31	50	
KA2VZX	FN30	50-144			KB1FM	FN31	144	
KB2WBG	FN30		432		KB1ELK	FN31	144	
WA2ZFH	FN30	50-144-222-432	1.3		WA1GTP	FN31		222
KB2NOW	FN30	50-144-222			KF6AJ	FN31	50-144	432
N2PFS	FN30		432		N1TKS	FN31	144	
WA2OJK	FN30	50			WB2SIH	FN31	50-144-222-432	1.3
KB2WVG	FN30	50-144	432		N1MT	FN31	50-144	



K1VYU	FN31	144	432	1.3	WB1GQR	FN33	50-144-222-432
W1CRS	FN31	50			N1FMP	FN34	144
K2ZZ	FN31		432		N1TLW	FN34	50 222-432
KC2DMH	FN31	144			K1LPS	FN34	50-144-222-432
N1KOH	FN31	50-144-222			K1UC	FN34	50
WA1SSB	FN31	50			W1AIM	FN34	50-144-222-432
W1PBB	FN31	144			VE2PIJ	FN35	144
W3EP	FN31	50-144	432	1.3	VE2JWH	FN35	144-222
W2GKR	FN31	50-144-222-432			VE2VLJ	FN35	144-222
K5GMX	FN31	50-144			W1VHF	FN41	50-144 432
KG1D	FN31	144			KA1OTP	FN41	144-222
KB1DMX	FN31	50			N1DGO	FN41	50-144
W1COT	FN31	144			AJ1G	FN41	144
N1JMM	FN31	50-144	432		N1FDX	FN41	50-144
N1OPO	FN31	144			K1KT	FN41	144
W2BIS	FN31	50			KA1VMG	FN41	50-144 432
N1YAE	FN31	144			W1AN	FN41	50-144 432
K1ZN	FN31	50			KB1H	FN41	144
K1RMA	FN31	144			KA1KOJ	FN41	144
WA2EVH	FN31	50			KMLX	FN41	50-144 432
N1NQD	FN31	50-144-222-432			WB2VVV	FN41	50-144-222-432-903-1.3
K1KGP	FN31	144			K1AST	FN41	50
KB2SFZ	FN31	50			W1PM	FN41	50-144-222-432-903-1.3
W1NRG	FN31	50			NZ1U	FN41	50-144 432
W1QJL	FN31	50-144-222-432			WB1FIA	FN41	144
KY2J	FN31	50-144			K1ISR	FN41	50
NM9J	FN31	144			K1PM	FN41	222
N1MUW	FN32	50-144-222-432			KB1DFB	FN41	50-144 432
WA1MBA	FN32	144	432-903-1.3-2.3		K5MA	FN41	50-144-222
W2EAV	FN32	144			KB1LN	FN41	50
WA1HHN	FN32	50			N1OLF	FN41	144
AA3SD	FN32	144			W1BAT	FN41	50
WA1KKM	FN32		432		K1GOW	FN41	50
N1KWM	FN32	144			WA1ECF	FN41	50-144-222-432-903-1.3-2.3
K2CT	FN32	50-144-222-432			N1GJ	FN41	144
N1MIA	FN32	50-144			N1JOY	FN41	50-144-222
KB1AEV	FN32	50			KA1EKR	FN42	144-222-432
N1VAQ	FN32	50			N1VOR	FN42	144
W1TDS	FN32	50			W1DYJ	FN42	50-144
WA1YZN	FN32	144			K1RV	FN42	144
WA1RKS	FN32	50			WG1Z	FN42	50-144
N2NEH	FN32	144			KA1OJ	FN42	144
WA1FVJ	FN32	50			AC1J	FN42	50-144-222-432
WB1FCD	FN32	144			K1BHR	FN42	50
NC1I	FN32	50-144-222-432			N1DD	FN42	144
N1DPM	FN32	50-144-222-432-903-1.3-2.3-3.4			N1MHH	FN42	144
W2PR	FN32	50-144			W1SD	FN42	50-144-222-432-903-1.3
W2SZ	FN32	50-144-222-432-903-1.3-2.3-3.4-5.7-10.3			N1FUS	FN42	144
WA2KKM	FN32	144			W1JHR	FN42	144
N1CD	FN32	50			N1XXI	FN42	144
N2BW	FN32	144			N1RFL	FN42	50
K1KI	FN32	50			KB1VC	FN42	50
WA2WQZ	FN32	50			N1NUM	FN42	144
N2MCI	FN32	50-144			K1MUC	FN42	50
KB2ZTQ	FN32	50			W1GCI	FN42	50-144 432
K1AMD	FN32	144			NW1B	FN42	144
N2UZQ	FN32	50-144			WW1Z	FN42	144
KC2FQR	FN32	50			N1EOP	FN42	144
N2VZQ	FN32		432		KV1J	FN42	144
K1TTT	FN32	144			WA1MZC	FN42	144
K1ISW	FN32	144-222-432			W1RIL	FN42	432
N1KPW	FN32	144			WA1ENO	FN42	144
W1BS	FN32	50			W1JR	FN42	432
WA1ZYX	FN33	50-144	432		WA1VTA	FN42	144
W1FN	FN33	50-144			K1ETP	FN42	50-144
KA1UAG	FN33	144			W1RZF	FN42	144-222-432
AA1TT	FN33	50-144			WB1FLD	FN42	144
N1XOQ	FN33	50-144			W1OOY	FN42	144
W1KMH	FN33	144-222			K1YZ	FN42	144
W3HHN	FN33	50-144-222-432			K1DX	FN42	50
					W1GAN	FN42	144

AA1VL	FN42	50-144	
W1EX	FN42	144	
NMLW	FN42	50	
N1EUX	FN42	50	432
W1CBI	FN42	50	
WF1F	FN42	144	
W1ZC	FN42	144	432
W1HOG	FN42	144	
W1GHZ	FN42	50-144-222-432	
W1YHO	FN42	50-144-222-432-903-1.3-2.3	
W1XM	FN42	50-144-222-432	
KW1DX	FN42	50	
WB1FKF	FN42	144-222-432-903-1.3	
KU2A	FN42	50-144-222-432	
W1MRQ	FN43	144	
KQ1V	FN43	144	
W1GF	FN43	50	
AF1T	FN43	50-144-222-432-903	
N1HL	FN43	144	
W1BQ	FN43	50-144-222-432	1.3
AA1YN	FN43	144	
N1IIC	FN43	144	
WA1T	FN43	50-144	
K1SIX	FN43	50-144	
K1WHS	FN43	50-144-222-432-903-1.3-2.3-3.4-5.7-10.3	
K2HZN	FN43	50-144-222-432-903-1.3	
K1TR	FN44	50-144-222-432-903-1.3-2.3	
N1KAT	FN44	144	
W1NPP	FN44	50	
K1TOL	FN44	50	
N1RZ	FN44	50	
N1DJB	FN51	50-144	
KC1MA	FN51	144	
K1GUN	FN53	50	
W1XX	FN53	144-222-432	
N1NJB	FN54	144	
K1DY	FN54	50-144-222-432-903-1.3-2.3-3.4	
W1REZ	FN55	144	
W1XR	FN55	50-144	

## **\*\*Please Read \*\***

As of Nov, 2000 all computer generated logs must be submitted to the ARRL in the Cabrillo file format. Printed computer logs are not acceptable submissions. Hand written paper logs are still submitted in the usual manner.

First make sure the file is named [urCall.log] and has all the required information in the header. If you are submitting your score for a club, make sure the club is listed on the CLUB: line. If you need more room for comments, add more lines beginning with SOAPBOX:

Typical log file header:

```
START-OF-LOG: Cabrillo v2.0
ARRL-SECTION: EPA
CONTEST: ARRL-VHF-JAN
CALLSIGN: W3KM
CATEGORY: SINGLE-OP ALL LOW
CLAIMED-SCORE: 230
OPERATORS: W3KM
CLUB: Mt. Airy VHF RC
NAME: David J. Mascaro, W3KM
ADDRESS: 1603 Mink Rd.
ADDRESS: Ottsville, PA 18942-9541
SOAPBOX:
SOAPBOX:
QSO: A      PH 2000-01-22 0523 W3KM.....
```

To send a Cabrillo log file to the ARRL via E-mail:

Go on-line and go to <http://www.arrl.org/contests/email.html>{link=!\*!  
ExecFile("http://www.arrl.org/contests/email.html")}

Find the E-mail address for the contest you are entering and click it. This should bring up a mail message window. If not, start a mail message and put the contest E-mail address in the To: box. In the subject of your message put something like: W3KM JAN SS SOP LP which indicates this is W3KM's log submission for the January SS, single op category, low power.

Find the 'attachment' button or menu command in your mail software. Do not paste the log file into the {Body} of the message, it must be an attachment. Click {Attach} and select [urCall.log] from the folder where it resides. Make sure you are in the right folder and attach the right file, since you may have more than one logging folder on your computer. Your mailer should now display that you have an attachment. Send the message.

You'll get a reply message soon from the League's robot server saying it got your log file.

To send via US Mail: copy your Cabrillo log file to diskette and mail in an appropriate disk mailer to:  
ARRL January Contest Log  
225 Main St.  
Newington, CT 06111

## Submitting your Cabrillo Log file to the League

After writing the Cabrillo file, you must check the header portion for accuracy. Verify the contest name, your category, club affiliation, etc. Add soapbox comments if you wish.

**Note:** The Cabrillo log filename must be {urCall.log} so it is a unique filename on the Leagues' server.

Go on-line and go to: <http://www.arrl.org/contests/email.html>

Find the E-mail address for the contest you are entering and click it. This should bring up a mail message window. If not, start a mail message and put the contest E-mail address in the To: box. In the subject of your message put something like: W3KM JAN SS SOP LP which indicates that this is W3KM's log submission for the January SS, single op category, low power.

The log file must be sent as an attachment. **Note:** Verify that your mailer indeed sends ASCII and text type messages as attachments. Send the file to yourself, if the log file appears as message text, it is not an attachment and it will not be received correctly by the League's server.

Find the `attachment` button or menu command in your mail software. Click {Attach} and select [urCall.log] from the folder where it resides. Make sure you are in the right folder and attach the right file. If you have multiple logging software on your computer, you might have other [urCall.log] files on your hard-drive. Your mailer should now display that you have an attachment. Send the message. You will get a reply message soon from the League's robot server saying it got your log file.

By US mail:

Locate the Cabrillo log file in your logging folder using Windows Explorer. Copy the file to a diskette in drive A: by dragging the file [urCall.log] from the logging folder to the 3-1/2" Floppy (A) Icon. Identify the diskette with your Name, Call, Contest name and category. Place the diskette in an appropriate diskette mailer and send to:

ARRL (Contest name) Log

225 Main St.

Newington, CT 06111

Whether submitting by E-mail or US mail, only one log file per submission.