

President John Youell, WA4QDM
 Secretary Tom Ogburn, N4ZJ
 Treasurer A.J. Szumski, W4NM

Devoted To Amateur Radio Contesting And DXing From 160 Meters To Microwaves

News And Views Published For Members And Friends Of The Central Virginia Contest Club - February, 2001 Issue

Prez' sez "less us meet sumplace diffent and fool 'em"
 - De John Youell, WA4QDM

IMPORTANT NOTICE! Next month's meeting will be at Bill Cox's (W4DAA) place of business at 7PM! A big thanks to Bill for offering us a meeting place while Bob (W4DR and Rosalie, N4CFL) are off DXpeditioning in YK land (hope they have a safe trip and get all of the "deserving" CVCC members in the log)! **Directions to Bill's place are elsewhere in this issue** with dinner at TGI Friday's on Midlothian pike at 5:45 (it might be fun to get some variety from the "Greek"). As of now, the program for February will be the "Force 12" antenna VCR tape and maybe a short VCR tape on "Station Automation" (both of which the PVRC furnished), if I can reserve the Philip Morris projection monitor for the evening.

Sorry if I missed you at Frostfest. I had a small window of opportunity to be there, as Kathy is still recovering from her hip replacement surgery and requires someone in attendance at all times through the end of January. Fortunately, my daughter Katie was home from JMU for the weekend and gave me "coverage" for a couple of hours! I did see a number of folks and had a good time.

According to the January CQ mag, W4MYA was #4 USA and #18 world for M/M in the 2000 CQ WPX SSB contest! Of course, he also won the 4th call district, beating out rival NQ4I by almost 1 mil-

(Continued on page 7)

How to find me

-De Bill Cox, W4DAA

I am looking forward to having you all come on Tuesday night the 13th!

My firm's name is Productivity Point International.

We are in Suite 126 in the Winchester Building, located at the intersection of Midlothian Tpk and Koger Center Blvd. Whichever way you are coming down Midlothian Tpk., turn in as if you were going back to the Holiday Inn. Then take the first possible right abt 100 yds up, and you are looking at our building WEST entrance. **HOWEVER**, the doors lock at 7:00 automatically. So to enter, keep walking to the right as if you were going around to the SOUTH side of the building facing Midlothian Tpk., and go to the first door you see propped open. Go in that door. Then take the first door on the right once you are in the inside corridor. You will be there!

If you arrive b4 the doors lock, just come to #126 on the first floor. We will be there.

73, Bill W4DAA



If the rest of 2001 is as good to me personally as the first month has been it will indeed be a banner year. It started with 3YØC on 17 and 30 meters for new band countries and I am pretty sure our 30 meter QSO was the first ever made from Bouvet Island. But the big event happened on Wednesday night the 25th. The previous day I had gotten an email from WØGJ (at A52GJ) advising me to connect to the K1TTT telnet node and that we could T talk in real time to try an 80 meter QSO. Thanks to W4MYA who walked me through the process I was up and running by the magic hour of 0 GMT. The A52 was on 3501.5, but not readable. At 00:45 I began to hear him faintly so at 00:48 I sent him a message, "hear you 449 give me a freq" and instantly he responded, "3505 now". I gave my call on 3505 about 5 times and stood by breathlessly. Next thing I heard was "W4DR W4DR W4DR 559 K" at 00:52 it was over

and I heard him about 2 minutes more. I thanked him via K1TTT and his response was, "send lots of dollars" : <) Without the split second timing of the tel-net this QSO would never have happened because there were many other stations calling around 3505 at the time. I owe you big, W4MYA!

I wasn't the only one to have some neat things happen this month. I overheard W4HJ making a great catch on 75, 3YØC. N4CH reactivated and caught among other things the 3Y on 75, 40, 17, 12 and 10 for new ones and A52GJ on 30. W4MYA cleaned up on Bouvet everywhere except 160 and 30. Tom, N4ZJ is really on a roll this month with YL3, TA3, SU9ZZ, OD5/OK1MU and A92ZE on 80; EM1KY, CX, SV9CVY and D68WL on 40, the latter 2 on SSB: CE9/R1ANF, FR5FD, ZS, CO, 3B8CF, 9A and UN6T on 30; D68WL 20SSB and 5R8O 20C. Great to see you so active again, Tom!

Between housekeeping chores and nursing Kathy John,

(Continued on page 2)

(Continued from page 1)

WA4QDM found time to work D68WL on 40SSB, LZØA South Shetlands 10SSB and 3B9FR for a new SSB country on 20. W4HZ put up a new 30 meter loop at 65 feet and immediately caught V31, LZ, LU, EX8 and CX. 30 could be the key to your winning the CVCC countries worked in 2001, Jonathan. VR2BG was a good counter on 17CW.

“DX Syria 2001”

Rosalie and I begin packing in earnest today (January 27). First I would like to thank the CVCC for such wonderful support and mention a few specifics. The Club contribution, individual contributions by W4MYA and W4DAA, loan of a Ham IV rotor by MYA, donation to the Syrians of a laptop computer by W4DAA and the offer (well I did twist his arm a little) by AC, W4HJ to pick us up at Dulles on Feb 26. W4PRO will already have brought our car home on the 14th and besides we will be dead tired by the time we are through customs..a huge help, AC! Our friend Omar, YK1AO says upon arrival on Feb 2 our gear and suitcases will be loaded directly into a pickup and a van and we will go to the STE building (Syrian Telecom Center) and then taken to our hotel with personal luggage. The “customs” will come to the STE the next morning when we begin our setup. Pray for on time airline flights and good wx in Damascus on Feb 3!! Some of you have asked about details of the operation. Rather than repeat all of that here I suggest you go to our web site which even has our pictures and will have daily updates and logs. Go to www.qsl.net/klar/ and click on YK9A and you will find all of our frequencies and suggested times for each band to the East Coast USA as well as to everywhere else. Rosalie and I will be real disappointed if we don't personally hear many of you on the bands. Please call in anytime you hear us anywhere! And while we are gone help yourself to all of the D68C, CEØZT, PYØS, 3D2/C and 3YØC band/mode contacts you can get. .you won't have to compete with W4DR/N4CFL in all of those pileups! February promises to be a very busy month with all of these mega-DXpeditions happening in a 3 week period. “May the force be with you”

At this point it looks like WK4Y with 358 new band/countries in 2000 will win the B/C plaque and W4MYA with a whopping 19.09% of his needed band/countries worked will win the N4CH plaque for the highest percentage of needed band/countries worked. If you haven't submitted your year end totals please do so ASAP. .go. to WA4QDM's web site and use the form at the bottom of the Totals Chart. Even if you are not a winner for 2000 you will be automatically registered for 2001 which some say is the real beginning of the third millennium. I will order the plaques when I return from the trip and after I have done my income taxes. If I am lucky we may have them for our March 13 meeting. Is there a sleeper out there?

Happy hunting,

The “DX Doctor”

Please look for the YK9A team at or near these frequencies:

	CW Freq	SSB Freq
160M	1815	1840
80M	3515	3790
40M	7015	7047.5
30M	10110	_____
20M	14002	14145
17M	18085	18115
15M	21002	21195
12M	24905	24935
10M	28002	28295
6M	50095	50130

Note 1: RTTY freqs will be at or near 14082, 21082, 28082

Note 2: Several of the SSB freqs are purposely outside the US SSB bands

Kingman Reef Program Report

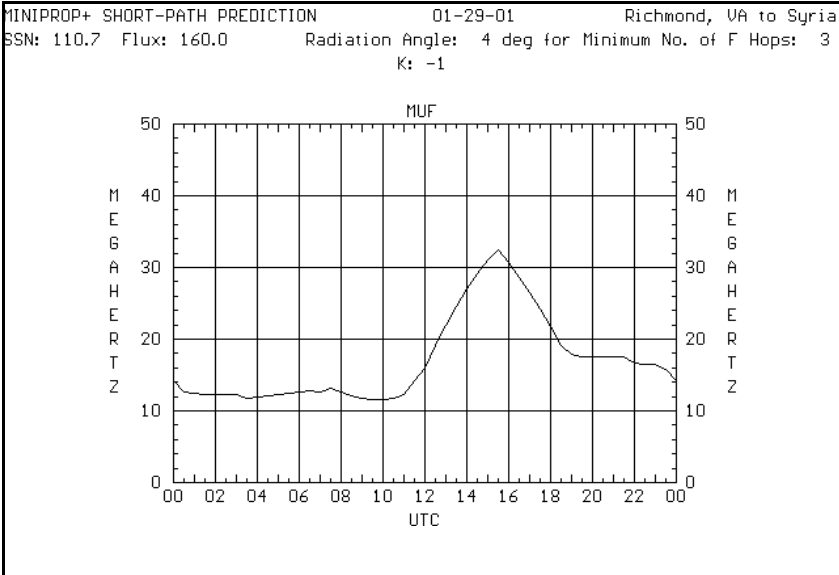
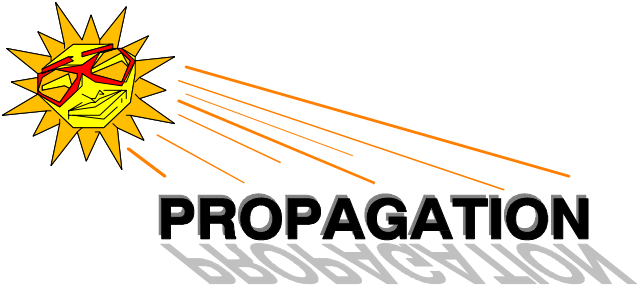
Bob, W4MYA, and I were the only ones from CVCC to go to Norfolk to hear Tom N4XP speak on the K5K expedition to Kingman Reef.

We found the right Shoney's with only one u turn and hopping a couple of curbs but no problem for a couple of country boys! The talk and slide show were excellent.

All of us who made contacts with K5K really owe a debt of gratitude to those who went (actually they would prefer money as there is still quite a bit of debt) and endured some tough conditions.

We left the Shoneys on Little Creek Road at 9:51PM and were back at First Mennonite by 11:05PM.

de W4HJ



Sunrise/Sunset Table for Damascus, Syria UTC

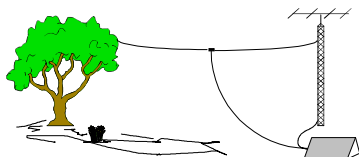
Date	Sunrise	Sunset
03-Feb	0429	1508
04-Feb	0429	1509
05-Feb	0428	1510
06-Feb	0427	1511
07-Feb	0426	1512
08-Feb	0425	1513
09-Feb	0425	1514
10-Feb	0424	1515
11-Feb	0423	1515
12-Feb	0422	1516
13-Feb	0421	1517
14-Feb	0420	1518
15-Feb	0419	1519

MINIPROP PLUS SHORT-PATH PREDICTIONS 02-07-2001 Path Length: 9643 km
 SSN: 110.7 Flux: 160.0 Radiation Angle: 4 deg for Minimum No. of F Hops: 3
 TERMINAL A: 37.50 N 77.50 W Richmond, VA Bearing to B: 48.5 deg
 TERMINAL B: 34.00 N 38.00 E Syria Bearing to A: 314.2 deg
 Terminal A Sunrise/Set: 1217/2230 UTC Terminal B Sunrise/Set: 0426/1512 UTC
 K: -1

---- QUICK-LOOK SIGNAL LEVELS IN dB ABOVE 0.5 uV (Tab for S/N) ----

UTC	MUF	3.5 MHz	7.0 MHz	14.0 MHz	21.1 MHz	28.1 MHz
0000	14.2	48 a	43 A	42 B		
0200	12.2	48 A	43 A	42 D		
0400	11.9	48 a	43 A	42 D		
0600	12.7	32 a	36 a	39 D		
0800	12.6	3 a	24 a	36 d		
1000	11.6		13 a	32 d		
1200	15.9		1 a	29 a		
1400	27.0		-1 a	28 a	37 A	37 C
1600	30.7		9 a	31 a	39 A	38 A
1800	21.7	-6 a	21 a	35 a	40 B	
2000	17.6	21 a	32 a	38 a	42 D	
2200	16.6	42 a	40 a	41 A		

Signal levels suppressed if below -10 dB or if predicted availability is zero
 Availabilities A: 75 - 100% B: 50 - 75% C: 25 - 50% D: 1 - 25%
 a, b, c, d: Same as A-D, with high probability of reduced signal levels.



DX*PEDITION INFO—*QUITE A MONTH!

INFORMATION GATHERED FROM MANY DIFFERENT SOURCES

<u>Start</u>	<u>End</u>	<u>DXCC</u>	<u>Call</u>	<u>QSL</u>	<u>Info</u>
01/09-	02/20	Belize	V31	DJ4KW	By DK9GG as V31GW and DJ4KW as V31YN; emphasis on 160/80 M during contests
01/15-	02/15	Antarctica	R1ANM	ABØKG	By UA3YH fm Amundsen-Scott Base (AN-016)
01/17-	02/12	Belize	V31SN	DJ4SO buro/direct	By DJ4SO; all HF bands, emphasis on WARC and 6
01/23-	02/05	Equatorial Guinea	3C1AG	SMØAGD	By SM0AGD fm Bioco Island (AF-010); 160-10 M; CW SSB RTTY;
01/23-	02/27	Turks & Caicos	VP5	Home Call	By WB9Z K9NR K9QT AK9F as VP5/homecall; QRV in CQ WW 160 M Contest as VP5F
01/23-	02/05	Marshall Islands	V73CW	AC4G	By AC4G fm Kwajalein; all HF bands + will try 6 M; SSB CW
01/24-	02/26	Wake Island	KH9	K7ASU	By K7ASU as K7ASU/KH9; mainly PSK31 with some CW
01/27-	02/10	French Polynesia	FO	DL3APO	By DL1AWI DL5XU DL3APO DG0OBN fm Rangiroa (OC-066) as FO/homecall; 160-10 M; CW SSB RTTY, possibly SSTV
02/01-	02/15	St Peter & Paul	PWØS	KU9C	By PY7XC PY7ZZ PY7ZY; 160-6 M; CW SSB, perhaps RTTY; actual dates of operation may vary
02/01-	02/28	Comoros	D68C	G3SWH	By Five Star DXers Association; SSB RTTY PSK31 FM; large multinational group; three weeks; 6 high power stations; QRV as M/2 in ARRL CW
02/03-	02/12	Syria	YK9A	K9LA	By WJ7R N7RO W4DR N4CFL K9LA AE9YL W4PRO K7AR fm Damascus; all HF bands + 6 M
02/07-	02/14	Maldives	8Q7	OE1PYA	By OE3YCB OE3MZC as 8Q7BZ 8Q7MZ fm Kuredu Island (AS-013); all HF bands (IOTA freqs) + 6 M All QSOs will be automatically confirmed via Buro
02/09-	02/27	Wake Island	KH9	AC4G	By AC4G as AC4G/KH9; all HF bands + will try 6 M; SSB CW; QRV for ARRL DX CW + CQWW 160
02/10-	02/22	East Malaysia	9M6	TBA	By K6IPV as 9M6IPT and W6AQ as 9M6AQT
02/11-	03/04	East Kiribati	T32RD	OK1RD	By OK1RD OK1RI OK1PD fm Kiritimati (Christmas) Island (OC-024); all HF bands + 6 M; CW SSB RTTY PSK31; emphasis on low bands, WARC, 10 M
02/12-	02/20	San Felix & Ambrosio	CEØZT	CE6TBN	By International Group
02/12-	02/19	Isle of Man	MD	Home Call	By DL4ALB DL4LQM DL4WG DL5AXX DL5LYM DL8WAA as MD/homecall fm EU-116; M/2 entry in ARRL DX CW Contest
02/16-	02/19	Mariana Islands	KHØ	JQ1NGT	By JI1EFP JQ1NGT as KH0/JI1EFP and KH0/JQ1NGT fm Saipan Island; 160-6 M; CW SSB; QRV for ARRL DX CW Contest
02/17-	02/27	Conway Reef	3D2	YT1AD	By Various YT group CW SSB RTTY PSK31 FM SSTV
02/20-	03/05	Gambia	C56	Home Call	By DL2OE DL7CM as C56/homecall; 160-6 M; CW SSB RTTY
02/25-	03/01	Tonga	A35BQ	I6BQI Direct	By I6BQI
02/27-	03/06	Sint Maarten	PJ8	See Info	By AA1M W1USN W1HL as PJ8/homecall; 80-6 M; CW SSB PSK31; PJ8/W1HL and PJ8/AA1M via AA1M; PJ8/W1USN via W1USN; all OK via Buro or direct; possibly QRV as FS/homecall mobile also
03/01-	03/06	Fiji	3D2	TBA	By YT group as 3D2AD and 3D2AU following their Conway Reef operation; possibly also with other individual callsigns
03/01-	03/30	Panama	3E5ØØ	HP1RCP	Special prefix commemorating 500 years since the discovery of the Isthmus of Panama
03/02-	03/09	Niue	ZK2BQI	I6BQI Direct	By I6BQI
03/04-	03/19	Easter Island	3GØY	DK7YY	By Chilean-German Team fm SA-001 (CQZ 12); all HF bands; mainly CW RTTY; emphasis on low bands + WARC
03/11-	03/16	Belize V31GI	PA3GIO	Buro	By PA3GIO fm Southwest Caye, Glovers Reef (NA-180); 80-10 M; SSB only; IOTA + DX frequencies



Amateur Radio Giant Bill Orr, W6SAI, SK

SB SPCL ARL ARLX003 ARLX003 Amateur Radio Giant Bill Orr, W6SAI, SK

Amateur Radio legend William I. "Bill" Orr, W6SAI, of Menlo Park, California, died in his sleep January 24. He was 81.

An ARRL member, Orr was best known for his numerous amateur radio books and reference works, many aimed at beginners. His titles include The Radio Handbook, The Beam Antenna Handbook, The Quad Antenna Handbook, The VHF-UHF Manual and The W6SAI HF Antenna Handbook, some written in collaboration with Stu Cowan, W2LX.

Licensed in 1934 at age 15 as W2HCE in New York, Orr graduated in electrical engineering from the University of California in the early 1940s.

In his younger years, Orr was a well-known DXer and DXCC Honor Roll member. He also was involved in DXpeditions to various exotic locations, including St Pierre and Miquelon and Monaco, among other locales.

From the 1940s through the 1980s, Orr was a frequent contributor to QST, writing about tube-type amplifiers, Project OSCAR, and other topics. Orr constructed some of the amplifiers once used at ARRL Maxim Memorial Station W1AW.

For many years Orr worked with tube manufacturer EIMAC. Orr's application notes for EIMAC products were favorite reading within the amateur community. In later years, Orr penned columns for Ham Radio magazine and, more recently, for CQ.

In 1996, Orr was named the Dayton Hamvention Technical Excellence award winner.

Chip Margelli, K7JA, of Yaesu, said Orr's readers always could build his projects knowing that Orr had tested them in the field first to be sure they worked.

Long-time friend Willard "Tiff" Tiffany, W6GNX, said Orr had a knack for making technical topics easy to follow and understand. He remembered Orr as "a friendly, helpful guy who wrote from the heart because he enjoyed doing it."

Another friend, Marv Gonsior, W6FR, says Orr "had a great sense of humor, a lot of wit about him."

Orr owned a condominium in Maui, Hawaii, and operated from there two or three times a year as KH6ADR.

Orr's wife, Sunny, died about five years ago, and he lived alone. He is survived by four daughters and a son. Arrangements are incomplete at this time. NNNN /EX

2001 Richmond Amateur Volunteer Examiners Schedule, coordinated by Pat Wilson, W4PW

Dates:

- Feb. 10,
- Apr. 14,
- Jun. 9,
- Aug. 11,
- Oct. 13,
- Dec. 8

Time: 9:00 am (advance registration required)
Must visit www.w4pw.org to register

Contact: Patrick Wilson, W4PW (804-932-9424)
ARRL VEC

Location: J. Sargeant Reynolds Community College
1651 E. Parham Road, Building B, room 201
Richmond, Virginia

Dues are Due!!!



Please remit your \$20 (no IRCs, please!) To AJ, W4NM ASAP:

A.J. Szumski
8402 Ballantrae Ct.
Richmond, VA
23229

288-0312
aszumski@compuserve.com

Windows based contest software in beta-test stage

-de N4ZJ

Tom Wagner, N1MM, in cooperation with others in the ham community, is working on a Windows based contest program that looks very promising. He is looking for beta-testers. Your editor has downloaded the software but has not had a chance yet to play with it. Here are some details, and where you can find more information about the software and the beta-test program

Features

- Win 95/98 & NT/2000 (no DOS) support.
- General DX log, ARRL DX, WPX, FD, IARU, CQWW, SS, and ARRL 10M Support.
- Uses sound card for dvk.
- Contact recording to wav files. Right-click on log entry to play back.
- Automatic cw generation.
- The program retains the size and position of windows as specified by the user
- The main windows (Main, Log, Bandmaps, Packet, Check, and Available Mults and Q's) are non-modal. That is, you can interact with any of them without having to close the last window used.
- Radio interface to Kenwood, FT-1000, FT-1000MP, Icom (in progress).
- Graphical bandmap for two radios or two vfos, click to tune radio to the spot selected.
- Click on packet spot in packet window to tune to that frequency/mode.
- Spotted stations appear on callsign textbox frame when you tune near a spot. A touch of the space bar will enter that call into the callsign field.
- Mode-aware fine tuning from the keyboard.
- Automatic beam heading and sunrise/sunset calculations.
- Check partial function.
- Packet & Telnet support - spots from both automatically update the band maps.
- CW sending from the keyboard.
- Two radio support.
- Multiplier window.
- LPT port functionality to control antenna switches, radio selected, and ptt (95/98/ME/NT/2000!)
- Cabrillo import/export support.
- ADIF import/export support.
- All data is stored in an Access 2000 database.

Planned features

What you see above all works. Besides testing, the tasks remaining include (these will not be in the first release):

- Additional radio model support (Icom in progress).
- Multiple contest support.
- Multiple user support.

The website for information is:

<http://tomwagner.home.mindspring.com/n1mm.htm>

Contact Tom at: tomwagner@mindspring.com to discuss working on this project.

lion points! Way to go Bob (and all the contest crew)!

Time to be thinking about nominations for club officers! I think Tom (N4ZJ - Secretary and Newsletter Editor) and AJ (W4NM - Treasurer) have done a great job for the club and as far as I know, both will be happy to continue. I, however, will be glad to step down, as my plate is full, with a new job position and some added responsibilities with my wife's medical condition. If anyone is interested in any of the Club Officer positions, please contact me.

I am running out of ideas for new CVCC meeting programs! In the future, we still have the possibility of: Donnie Hensley (AC4HB) doing a program on his paddle keys, CVCC packet updates, CVCC contest results, W4DR (and N4CFL) Dxpedition news from YK-land (after the DXpedition), maybe AO-40 info (sad, but it looks like the AO-40 satellite is in trouble).

Also, we should talk about the Va. QSO Party for this year (we are the sponsors of the Plaque!) and Field Day (FD) activities - I have had a request from the "Puckster" (W4PM) to do a conventional FD (maybe W4HJ has a site?). At some point in time, Paul (K4JA), may consider his station "operationally fit enough" for me to put together a computer "slide show" of his station near Callao, Va. and give us a program!

Tied on the 60+ foot "pigtails" to my 80 meter dipole and zig-zaged low wire all over the yard to get to where I could load up 160 meters with a tuner. Apparently one end is too close to the shack, because I could only run about 75 watts before the keyer / keyboard would lock up. Never-the-less, I am always amazed at the number of good CW operators with big ears in this contest.

Here is my modest effort in CQ 160 contest:

250 Q's 5 DX 42 S/P => 26,367

73, John—WA4QDM

599 Virginia soon to be available electronically.

Thanks in part to a generous software donation from W4DAA, the CVCC newsletter will be available electronically. Some of you have received it as a .pdf file this month via email as an experiment. If all goes well, that will be the primary means of distribution, in order to save CVCC lots of mailing costs. If I don't have your email address, please get it to me ASAP to:

togburn@wwbt.com

Behind every great man is his mother:

Mrs. Washington: "Oh George, you never did have a head for money."

Mrs. Morse: "Sam, stop tapping your fingers on the table, it's driving me crazy!"

Mrs. Lindbergh: "Charles, can't you do anything by yourself?"

Mrs. Armstrong: "Neil has no more business taking flying lessons than the man in the moon."

- Contributed by N4DEN

Since light travels faster than sound, isn't that why some people appear bright until you hear them speak?



Colin C. Que

599 VA is published monthly by the Central Virginia Contest Club, and is edited by Tom Ogburn, N4ZJ.

If you would like to get in touch with one of the club officers, please contact:

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Treasurer A.J. Szumski, W4NM - 288-0312

Email - aszumski@compuserve.com

The deadline for submission of news or articles for the March newsletter is March 5, 2001.

Special Events

February 2001

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

- 02/10 - 02/11 Dutch PACC Contest
- 02/11 North American Sprint - CW
- 02/13 CVCC February Meeting at Bill Cox 's QTH
- 02/17 - 02/18 ARRL DX Contest - CW
- 02/24 - 02/25 CQ 160 Contest - Phone
- 03/03 - 03/04 ARRL DX Contest - Phone
- 03/10 - 03/11 RSGB Commonwealth CW
- 03/17 - 03/18 Russian DX Contest
- 03/17 - 03/18 Bermuda Contest
- 03/17 - 03/19 Virginia QSO Party
- 03/17 - 03/18 BARTG Spring RTTY Contest
- 03/24 - 03/25 CQWW WPX Contest - Phone
- 04/07 - 04/08 EA RTTY Contest
- 04/07 - 04/08 SP DX Contest
- 04/21 - 04/22 Michigan QSO Party
- 05/26 - 05/27 CQWW WPX Contest - CW
- 06/23 - 06/24 ARRL Field Day



Central Virginia Contest Club

Tom Ogburn
3211 Whitehorse Road
Richmond, VA 23235

THIS MONTH.....

599 VA

- Meeting time and place different!!!! Please Note
- YK Expedition Info
- W6SAI Silent Key
- Tons of DX