

# COMPUTER CORNER

## INDEX TO ARTICLES

Each of the articles was written for the Computer Corner column in the ORC Newsletter, published by the Ozaukee Radio Club (SSC), Inc. Shortly after the column was started, the articles were solicited by Badger State Smoke Signals (BSSS), and soon the articles were being published almost simultaneously in both publications (with permission of the ORC Newsletter). During 2001, the articles began to be published exclusively in BSSS. The first 12 articles were untitled. Below are the publication dates in BSSS and the title or topic or both.

The numbering system and dates were consistent between the ORC Newsletter and BSSS through No. 94, but broke down with No. 95. The October 2001 paper version of BSSS presented GET THAT FIREWALL NOW as No. 95, while the web edition showed IS THE FLOPPY DEAD? as No. 95. Furthermore, BSSS publishing was spotty after the untimely death of its editor, Jim Romelfanger, K9ZZ. Accordingly, the numbers and dates from No. 95 to 100 are my own, as originally intended for publication in the paper version of BSSS, had it consistently been published each month. After No. 100, the dates actually represent the dates it appeared in BSSS, up until No. 150.

Beginning with No. 150, the articles were published exclusively in the ORC Newsletter. In November 2010, BSSS officially announced cessation of that publication.

| No. | DATE   | TITLE/TOPIC  |
|-----|--------|--|
| 1   | Jul 93 | NASA "Data Egg", CONFIG.SAF, AUTOEXEC.SAF.   |
| 2   | Aug 93 | Floppy disk sizes.   |
| 3   | Sep 93 | Floppy disk compatibility, formatting.   |
| 4   | Oct 93 | Floppy disk formats.   |
| 5   | Nov 93 | File number limitations in directories.  |
| 6   | Dec 93 | Diskcopy.  |
| 7   | Jan 94 | Virtual disks (VDISK, RAMDRIVE).   |
| 8   | Feb 94 | Floppy disk surgery: how to fix a bound disk.  |
| 9   | Mar 94 | Computer books.  |
| 10  | Apr 94 | Hard drive purchase.   |
| 11  | May 94 | Don't be afraid to repair your computer.   |
| 12  | Jun 94 | The \$5 computer; swapfest shopping.   |
| 13  | Jul 94 | VIRUSES, AND HOW TO FIGHT THEM (McAfee SCAN, VSCAN).                                   |
| 14  | Sep 94 | A GOOD ONE IS NOT HARD TO FIND (how hard drives work).                                 |
| 15  | Oct 94 | HOW TO NOT USE A COMPUTER (use of dumb terminals for packet radio).                    |
| 16  | Dec 94 | WORRYING ABOUT MEMORY (RAM versus hard drive space).                                   |
| 17  | Jan 95 | VIRUSES REVISITED (account of a virus attack at UWM).                                  |
| 18  | Feb 95 | CONVERSATIONS IN A COMPUTER (word processor-operating system/hard drive interactions). |
| 19  | Mar 95 | XCOPY IS XCELLENT.   |
| 20  | May 95 | VIRUSES, A REQUEST AND REDIRECTION.  |
| 21  | Jun 95 | SERIAL AND PARALLEL.   |
| 22  | Jul 95 | PORTS, CABLES, SEX AND THE MEDUSA.   |
| 23  | Aug 95 | HARD DRIVE TYPES.  |
| 24  | Oct 95 | MODEMS.  |
| 25  | Nov 95 | WHERE DO YOU BUY, STAN?  |
| 26  | Dec 95 | MONITORS AND VIDEO BOARDS.   |
| 27  | Jan 96 | SURGE PROTECTORS.  |
| 28  | Feb 96 | SECTORS, CLUSTERS, AND LARGE HARD DRIVES (504 Mb partition limit).                     |
| 29  | Mar 96 | OVERHANG (cluster overhang and partitioning large hard drives).                        |
| 30  | Apr 96 | ANY PORT IN A STORM (IRQs and ports).  |
| 31  | May 96 | KEYBOARD KINDNESS (how to disassemble and clean a keyboard).                           |
| 32  | Jun 96 | MAINTENANCE: TEAR IT DOWN AND BUILD IT UP.   |
| 33  | Jul 96 | TURN OFF THAT FILTER (modem downloads and 8th bit).                                    |
| 34  | Aug 96 | THE BOOT PROCESS (flow diagram left out of BSSS article).                              |
|     | Sep 96 | THE BOOT PROCESS (entire article reprinted including flow diagram).                    |
| 35  | Oct 96 | JUST AMAZING (abilities of computers).   |
| 36  | Nov 96 | SPEED #1: THE DATA BUS (the concept of data bus width).                                |
| 37  | Dec 96 | SPEED #2: THE ADDRESS BUS (address bus width).   |
| 38  | Jan 97 | SPEED #3: THE MOTHERBOARD AND PROCESSOR.   |
| 39  | Feb 97 | HOW TO OPEN AND SHUT THE WINDOWS IN 95.  |
| 40  | Mar 97 | PRINTERS.  |

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| 41  | Apr 97 | DIVIDE AND CONQUER (overhang, partitioning of hard drives).                   |
| 42  | May 97 | MORE WINDOWS 95 FRUSTRATIONS! (memory hoarding by Win 95).                    |
| 43  | Jun 97 | A LEASH FOR WINDOWS 95 (Partition Magic).                                     |
| 44  | Jul 97 | A FORMULA FOR DEALING WITH VIRUSES.   |
| 45  | Aug 97 | ANOTHER APPROACH TO WINDOWS 95 DUAL BOOT. (by W9DMK).                         |
| 46  | Sep 97 | DOS's INTERNAL AND EXTERNAL COMMANDS.   |
| 47  | Oct 97 | A UNIQUE TOOL FOR BACKUPS (IDE to Parallel Port drive).                       |
| 48  | Nov 97 | PACKET RADIO REVISITED.   |
| 49  | Dec 97 | CRITICAL FILE BACKUPS FOR WIN95, PART 1 (myregbak.bat).                       |
| 50  | Jan 98 | CRITICAL FILE BACKUPS FOR WIN95, PART 2 (mybasbak.bat).                       |
| 51  | Feb 98 | CRITICAL FILE BACKUPS FOR WIN95, PART 3 (mywinbak.bat).                       |
| 52  | Mar 98 | IS WINDOWS 95 A VIRUS?  |
| 53  | Apr 98 | CLEAN UP THAT POWER SUPPLY.   |
| 54  | May 98 | THE NUMBERS GAME.   |
| 55  | Jun 98 | HOW TO RECYCLE A COMPUTER (AND LEARN SOMETHING IN THE PROCESS)                |
| 56  | Jul 98 | A TWEAK FOR WINDOWS 95 (adjusting cache and swap file)                        |
| 57  | Aug 98 | HOW KEYBOARDS WORK  |
| 58  | Sep 98 | THE Y2K (YEAR 2000) PROBLEM   |
| 59  | Oct 98 | TIME WARPING CONSUMER ELECTRONICS PRODUCTS (Y2K steps by KB9QQE)              |
| 60  | Nov 98 | HOW TO ADD A SECOND HARD DRIVE  |
| 61  | Dec 98 | PARITY: ODD BUT NECESSARY (an explanation of parity)                          |
| 62  | Jan 98 | DATES CAN DRIVE YOU NUTS (ISO 8601 standard for writing dates/times)          |
| 63  | Feb 98 | CACHE AS CACHE CAN (memory caching)   |
| 64  | Mar 98 | AN UPGRADE NEED NOT BE EXPENSIVE  |
| 65  | Apr 98 | MEMORY I: ROM AND RAM   |
| 66  | May 99 | MEMORY II: THE "STICKS" (a description of SIMMs and DIMMs)                    |
| 67  | Jun 99 | MEMORY III: THE "RAMs" (DRAM, FPM DRAM, EDO DRAM, SDRAM, RIMM, SRAM)          |
| 68  | Jul 99 | COOKIES   |
| 69  | Aug 99 | HOW MUCH COMPUTER DO YOU NEED?  |
| 70  | Sep 99 | MOVING FILES BETWEEN COMPUTERS  |
| 71  | Oct 99 | NOW IS THE TIME (setting Windows for Y2K compliance)                          |
| 72  | Nov 99 | BACK UP THAT REGISTRY! (using Norton System Works 2000)                       |
| 73  | Dec 99 | THE BEST AVAILABLE CURE-ALL FOR WINDOWS (Norton System Works 2000)            |
| 74  | Jan 00 | THE LOWLY FLOPPY (how to format a floppy).                                    |
| 75  | Feb 00 | SURGE PROTECTORS (REVISITED) (protecting the computer and modem)              |
| 76  | Mar 00 | PERIODIC REINSTALLATION OF WINDOWS  |
| 77  | Apr 00 | A SEPARATE PROTECTOR FOR THAT MODEM   |
| 78  | May 00 | FIXDATE – A FREE UTILITY (a Y2K utility)                                      |
| 79  | Jun 00 | PRIVACY AND A PERSONAL FIREWALL (Zone Alarm)                                  |
| 80  | Jul 00 | A VIRUS PRIMER  |
| 81  | Aug 00 | MODEMS  |
| 82  | Sep 00 | NETSCAPE AND PRIVACY  |
| 83  | Oct 00 | REAL AND PROTECTED MODES – MALE AND FEMALE?                                   |
| 84  | Nov 00 | A MAP OF THE PLANET MEMORY  |
| 85  | Dec 00 | FILE EXTENSIONS   |
| 86  | Jan 01 | CD-ROMs: SMOKE AND MIRRORS  |
| 87  | Feb 01 | BITS, BYTES, SECTORS AND CLUSTERS   |
| 88  | Mar 01 | BOOTABLE CD-ROMs  |
| 89  | Apr 01 | THE WINDOWS 98 STARTUP DISK   |
| 90  | May 01 | MADDENING MICROSOFT DOES IT AGAIN! (WinXP security)                           |
| 91  | Jun 01 | SECURITY AND YOUR CPU (Intel CPU serial number controversy)                   |
| 92  | Jul 01 | HOW TO AVOID CLOGGED COMPUTER SYNDROME (deleting unneeded files)              |
| 93  | Aug 01 | SOMETIMES MICROSOFT DOES IT RIGHT! (Windows 98 update procedure)              |
| 94  | Sep 01 | TO BUY OR TO BUILD? (purchasing versus building your own computer)            |
| 95  | Oct 01 | GET THAT FIREWALL NOW! (Zone Alarm and the need for a firewall.)              |
| 96  | Nov 01 | IS THE FLOPPY DEAD?   |
| 97  | Dec 01 | WIN 98's BUILT-IN SYSTEM INFORMATION  |
| 98  | Jan 02 | MANAGING YOUR HARD DRIVE – PARTITION MAGIC                                    |
| 99  | Feb 02 | WIN 98's BUILT-IN SYSTEM INFORMATION – PART II                                |
| 100 | Mar 02 | A BETTER WAY TO INSTALL WINDOWS (Installing from a W98FLAT subdirectory.)     |
| 101 | May 02 | WINDOWS 98 IS WATCHING YOU (Applog and sorting orders for Defrag activities.) |

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| 103 | Jul 02    | HOW DO YOU GET THE LABELS OFF? (102 and 103 both published Jul 02)               |
| 104 | Sep 02    | WINDOW WASHER  |
| 105 | Nov 02    | THE NUMBERS GAME, REVISITED (Kilo, mega, giga, etc.)                             |
| 106 | Dec 02    | FREE PROGRAMS THAT MAKE YOUR LIFE EASIER   |
| 107 | Feb 03    | TWEAKUI  |
| 108 | Apr 03    | THE DEAD BATTERY (The title was omitted from the printed version in BSSS.)       |
| 109 | Jun 03    | BITS AND PIECES (Windows Update, data baubles, networking, CD-ROM mirrors.)      |
| 110 | Aug 03    | MORE FREEBIES (TurboCAD, Celestia, Sky Chart, Smith Charts, and more)            |
| 111 | Oct 03    | WIRELESS NETWORKING (by guest writer Richard Polivka, N6NKO)                     |
| 112 | Oct 03    | A (FREE!) COMPUTER CART (recycled Weber grill cart) 111/112 both in Oct 03       |
| 113 | Dec 03    | THE VIRTUES OF SPEED DISK (also printed again in Feb 04 issue of BSSS)           |
| 114 | Apr 04    | A POWERSTRIP SOLUTION  |
| 115 | Jun 04    | UNINSTALL THOSE PROGRAMS CORRECTLY   |
| 116 | Jun 04    | INSTALL THOSE PROGRAMS CORRECTLY (both 115 and 116 in same issue)                |
| 117 | Aug 04    | HOW TO ORGANIZE YOUR DATA FOR BACKUP PURPOSES                                    |
| 118 | Oct 04    | LETS TAKE A BUS (frontside bus, CPU)   |
| 119 | Oct 04    | ALTERNATIVES (pdf creating software, Linux, OpenOffice)                          |
| 120 | Dec 04    | WIN 98 VERSUS XP   |
| 121 | Feb 05    | SOUNDS (how to associate sounds with events)                                     |
| 122 | Apr 05    | CLEANING THE CLOSET (Also SIDEBAR: HARV'S HAMSHACK HACK)                         |
| 123 | Jun 05    | MORE GOODIES (Zone Alarm, Metapad, SIW, BA, Disk Checkup)                        |
| 124 | Jun 05    | ROOTKIT: MALNEWS (Rootkit techniques; both 123 and 124 in same issue)            |
| 125 | Oct 05    | ODDS AND ENDS (Ad Aware, Spybot, Norton memory graphs, Firefox, Thunderbird)     |
| 126 | Dec 05    | SPYWARE (Different types and suggestions for prevention)                         |
| 127 | Feb 06    | NETWORKING (Touts advantages of home network)                                    |
| 128 | Feb 06    | A BRIEF HISTORY OF WINDOWS (Shows only 2 Windows OS exist)                       |
| 129 | Apr 06    | ANOTHER NEW ONE (Building of P4, 3.2GHz, 800 MHz FSB)                            |
| 130 | Jun 06    | A TIP, CERT AND FOXIT (ordering of files, CERT and the new .pdf reader)          |
| 131 | Aug 06    | USB (Universal Serial Bus)   |
| 132 | Oct 06    | DEFRAG AND CCLEANER  |
| 133 | Dec 06    | MY FAVORITES (Stan's favorite sites, programs)                                   |
| 134 | Feb 07    | COOKIES REVISITED (What they are; advantages and disadvantages, how to control.) |
| 135 | Apr 07    | PHYSICAL MAINTENANCE (Get the dust bunnies out)                                  |
| 136 | Apr 07    | PROTECTING YOUR COMPUTER (Updates, malware scanners)                             |
| 137 | Jun 07    | DEFRAGGING (Auslogics Disk Defrag, JkDefrag)                                     |
| 138 | Aug 07    | FIND MY CREDIT CARD, DEVICE DRIVERS, AND DRIVER MAGICIAN                         |
| 139 | Oct 07    | FREEWARE (What it is, advantages and disadvantages)                              |
| 140 | Dec 07    | YET MORE GOODIES (IOBit Smart Defrag, JkDefrag, WinDirStat)                      |
| 141 | Feb 08    | URLS AND THE HOSTS FILE (URLs, IP addresses and the Hosts file)                  |
| 142 | Apr 08    | WHEN DISASTER STRIKES (reinstallation of Windows)                                |
| 143 | Jun 08    | IS YOUR HARD DRIVE SMART? (Self Monitoring, Analysis and Reporting Technology)   |
| 144 | Aug 08    | HOW TO RECYCLE A HARD DRIVE  |
| 145 | Oct-Dec08 | DIAGNOSING A COMPUTER'S ILLS (isolating hardware problems)                       |
| 146 | Oct-Dec08 | MICROSOFT .NET FRAMWORK (what it is and what it does)                            |
| 147 | Feb 09    | THE BOOT PROCESS (a revisit of #34, Aug 1996)                                    |
| 148 | Apr 09    | GOODSYNC (synchronization software for backups)                                  |
| 149 | Jun 09    | REMOTE CONTROL PRO   |
| 150 | Jul 10    | TOO MANY ICONS? CONSOLIDATE!   |
| 151 | Aug 10    | TEAMVIEWER, MICROSOFT SECURITY ESSENTIALS AND GLARY UTILITIES                    |
| 152 | Oct 10    | A NEW COMPUTER, SLEEP AND HIBERNATION  |
| 153 | Nov 10    | A NEW PHENOMENON AND SOME ADVICE   |
| 154 | Dec 10    | AN APPROACH TO REBUILDING A COMPUTER   |
| 155 | Jan 11    | HOW TO FORMAT AND REINSTALL WINDOWS (guest article by majorgeeks)                |
| 156 | Feb 11    | HOME NETWORKING (general approach to a home network)                             |
| 157 | Mar 11    | PURAN DEFRAG, A BOOK ON WINDOWS 7, AND SLIM DRIVERS                              |
| 158 | Apr 11    | SOME TIPS (automatic logon, using CCleaner to see what is loaded on bootup)      |
| 159 | May 11    | WHY YOU ABSOLUTELY NEED A ROUTER   |
| 160 | Jun 11    | YOU'RE NOT LISTENING! (using more than just a C: partition)                      |
| 161 | Jul 11    | REPARTITIONING   |
| 162 | Aug 11    | THE END USER'S MAINIFESTO FOR PROGRAMMERS (bad programming practices)            |

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| 166 | Dec 11 | WHERE DID THAT DAMN FILE GO?  |
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| 168 | Mar 12 | MICROSOFT SECURITY ESSENTIALS   |
| 169 | Apr 12 | WHAT I DO TO WIPE A DRIVE   |
| 170 | May 12 | MAJOR GEEKS – SIMPLY THE BEST THERE IS  |
| 171 | Jun 12 | SCRIPT ERROR, REBOOT TO CLEAR   |
| 172 | Jul 12 | RUN COMMANDS  |
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| 179 | Feb 13 | SPINRITE (what it does and why you might consider paying for it)                  |
| 180 | Mar 13 | MORE GOOD, FREE PROGRAMS (effective file search, Office replacements, etc.)       |
| 181 | Apr 13 | ANTIVIRUS PROGRAMS (which are good and which are good and free)                   |
| 182 | May 13 | SEVERAL THINGS (no boot and fan error message; heat problems)                     |
| 183 | Jun 13 | UPDATES (and how to keep up with them)  |
| 184 | Jul 13 | USB (what is it and how does it work)   |
| 185 | Aug 13 | FIXING A LAPTOP (approach to diagnosing problems with any computer)               |
| 186 | Sep 13 | MONITORS (VGA, DVI)   |
| 187 | Oct 13 | DEFRAGGLER (defragmenting software)   |
| 188 | Nov 13 | ExFAT AND YOUR FLASH DRIVES (Extended File Allocation Table)                      |
| 189 | Dec 13 | WHAT'S ON THE HORIZON (1Tb RAM chip, flu shots, conductive pen, drone deliveries) |
| 190 | Jan 14 | No. 14 REVISITED (1994 article on how hard drives work)                           |
| 191 | Feb 14 | THE IMMINENT DEATH OF XP? (meaning of 8Apr14 "unsupport" by Microsoft)            |
| 192 | Mar 14 | BACKUP IN THE CLOUD (Backing up using Dropbox and similar cloud applications.)    |
| 193 | Apr 14 | A REMOTE SWITCH FOR YOUR POWERSTRIP (A previous article revisited.)               |
| 194 | May 14 | THE WHOLE TRUTH (More on end of XP support by Microsoft.)                         |
| 195 | May 14 | STRANGE HAPPENINGS WITH XP (Purposeful slowdown of XP by Microsoft??)             |
| 196 | Jun 14 | EASING YOUR TRANSITION FROM XP TO WIN7  |
| 197 | Jul 14 | A NETWORK OF COMPUTERS AT FIELD DAY (setting up the ORC Field Day loggers)        |
| 198 | Aug 14 | A REMOTE SWITCH FOR YOUR DESK (Rewrite of #114, 2004; see also #193)              |
| 199 | Sep 14 | IS THE DESKTOP COMPUTER DEAD? (yes!)  |
| 200 | Oct 14 | DON'T LET <u>ANYTHING</u> TO GET BETWEEN YOU AND YOUR DATA! (Safe backups)        |
| 201 | Nov 14 | IF YOU DON'T HAVE IT, YOU SHOULD! (CCleaner)                                      |
| 202 | Dec 14 | A (FREE!) COMPUTER CART OR MOBILE WORKBENCH (rewritten #112)                      |
| 203 | Jan 15 | KEEP THAT XP GOING A BIT LONGER (Making XP update properly to 2019)               |
| 204 | Feb 15 | WHEN YOU FINALLY DO UPGRADE TO 7 ... (OEM versions; 16-bit vs 32-bit)             |
| 205 | Mar 15 | STARTING THE WIN 7 INSTALLATION (Steps before doing a clean install)              |
| 206 | Apr 15 | MALWAREBYTES ANTI-MALWARE (Not a virus scanner but an important tool)             |
| 207 | May 15 | PREPARING THE ORC LAPTOPS FOR FIELD DAY (Essential FD logging tools)              |
| 208 | Jun 15 | A REALLY GOOD UNINSTALLER (the new Geek Uninstaller)                              |
| 209 | Jul 15 | FIELD DAY IS OVER! (How the laptops performed this FD)                            |
| 210 | Aug 15 | USB HUBS (What they are for and which ones to purchase)                           |
| 211 | Sep 15 | LEAVE 'EM ON ALL THE TIME (Shut them down each day or leave them on?)             |
| 212 | Oct 15 | LET THE BUYER BEWARE (How to purchase stuff at a swapfest)                        |
| 213 | Nov 15 | THE COMPUTER CORNER (Explanation of the CC Index, to all articles)                |
| 214 | Dec 15 | STAY AWAY FROM ADOBE (Why you should stay away from Adobe products)               |
| 215 | Jan 16 | IS WINDOWS 10 SPYWARE? (Yes, and how to avoid being spied upon)                   |
| 216 | Feb 16 | HOW TO RECYCLE A DESKTOP COMPUTER AND MONITOR (Title explains it)                 |
| 217 | Mar 16 | AN OFFER AND A REQUEST (Spare drives to give away; need IDE to wipe them)         |
| 218 | Apr 16 | WHY NOT CONSIDER AN ALTERNATE OPERATING SYSTEM? (Try Linux)                       |
| 219 | May 16 | GETTING READY FOR LINUX (How to prepare; which distros to get)                    |
| 220 | Jun 16 | US CERT; GEEK UNINSTALLER (Software vulnerability; the best uninstaller yet)      |
| 221 | Jul 16 | YOU MIGHT AS WELL UPGRADE (To Windows 10)   |
| 222 | Aug 16 | HOW NOT TO FIX A COMPUTER (Saga of dropping a computer down basement stairs)      |
| 223 | Sep 16 | TOP FREWARE PICKS (From majorgeeks.com)   |

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| 225 | Nov 16 | FILE SHREDDERS (Software to securely delete files and folders)  |
| 226 | Dec 16 | A LAPTOP IS NOT A SMALL DESKTOP (RISC versus CISC architecture) |