

## *Northern Lights Radio Society (NLRS)*

Web page edit log (in reverse chronological order)

<b>Date</b>	<b>Changed By</b>	<b>Changes Made</b>
08/31/09	WØJT	<ul style="list-style-type: none"> <li>Literally last minute changes to the RoverMania VI pages before the opening gun was fired, to include new rover and fixed station information that was received late Saturday morning.</li> </ul>
07/31/09 - 08/01/09	WØJT	<ul style="list-style-type: none"> <li>Many, many more RoverMania VI updates. New rover schedules, new fixed station updates, new tabulations of active grids. During Saturday, I got 6 different spreadsheets from NØHJZ as stations dropped off the list, and joined the list, and changed their schedules, and so on and so on. Each new spreadsheet from Rich led to more edits to the web pages, and once again, nearly everything on the RoverMania VI page is different than it was just 24 hours ago.</li> </ul>
07/30/09 - 07/31/09	WØJT	<ul style="list-style-type: none"> <li>Many more RoverMania VI updates. New rover schedules, new fixed station updates, new tabulations of active grids. Added link to NØHJZ's spreadsheet. New rover schedule patterned after his, but with ability to compute bearings and distances from any starting location, not only from EN34ir. New "Contesting 101" page.</li> </ul>
07/30/09	WØJT	<ul style="list-style-type: none"> <li>Fixed reference on RoverMania VI page to linked html that shows maps of all 100 grids in field EN to display from the web site instead of trying to access the local disk drive where the development work is done (and which is presumably an illegal drive reference on most people's home computers).</li> <li>Many updates to the "All Grids" map of both fixed and rover stations, to match the numerous additions, deletions, and corrections to the individual schedules made yesterday.</li> </ul>
07/29/09	WØJT	<ul style="list-style-type: none"> <li>Many, many RoverMania VI updates. New rover schedules, new rover grids, new data on fixed stations and grids, etc.</li> </ul>
07/26/09	WØJT	<ul style="list-style-type: none"> <li>Added W9SNR/r to the RoverMania VI page in various tables and in the spreadsheet file.</li> </ul>
07/20/09	WØJT	<ul style="list-style-type: none"> <li>Numerous RoverMania VI updates: <ul style="list-style-type: none"> <li>➤ Corrected W9FZ/r 's list of available bands (no 3456)</li> <li>➤ Updated WAØVPJ/r 's schedule with information from NØHJZ</li> <li>➤ Updated WB8BZK/r 's schedule with information from NØHJZ</li> <li>➤ Updated fixed stations list with information from NØHJZ and from www.QRZ.com to include more band availability information, more stations, and their specific (6-digit) Maidenhead Grid Square locations. Also, visible only in the Excel spreadsheet (i.e., not in the PDF output of this page) is a new column that indicates whether or not the station has been confirmed with NØHJZ. The activity of some of these stations is speculative, and Rich is working hard to pin down specifics.</li> </ul> </li> </ul>
07/16/09	WØJT	<ul style="list-style-type: none"> <li>Added WØZQ's rover schedule (times &amp; locations) to the Excel spreadsheet and the RoverScheds.pdf page.</li> <li>Minor housekeeping on the RoverScheds page to add old style band indicators to the list of usable bands, and change colors slightly for better visual distinction of headings.</li> <li>Added EN70 through EN79 to the Excel spreadsheet and the corresponding RoverGrids.pdf page, even though I don't know of any rovers in those grids yet. This was for consistency with the change made to the fixed station grid page, which does have one</li> </ul>

		<p>large station in that column.</p> <ul style="list-style-type: none"> <li>• Corrected Excel spreadsheet and FixedStations.pdf and FixedGrids.pdf with proper grid location for VE4KQ (EN19, not EN09).</li> <li>• Added K2YAZ (EN74) to the Fixed stations tabulation and grid pages.</li> <li>• Added EN70 through EN79 to the AllStationGrids.htm page, and included K2YAZ in EN74.</li> </ul>
07/15/09	WØJT	<ul style="list-style-type: none"> <li>• Removed mentions of KMØT's "VHF Helper" program, which he now tells me "no longer exists".</li> <li>• Fixed KØAWU listing to include 902 MHz band</li> <li>• Added xxx.140 as W9FZ rover call frequency</li> <li>• Added KCØIYT/r tentative hour-by-hour schedule</li> </ul>
07/12/09	WØJT	<ul style="list-style-type: none"> <li>• Updated nearly all parts of the RoverMania VI (2009) page with most current rover schedules as currently announced.</li> </ul>
07/05/09	WØJT	<ul style="list-style-type: none"> <li>• Clarified information about the three maps on the RoverMania VI page, describing the concentric circles drawn on them.</li> <li>• Added the missing PDF files to match the links on the page, which now all work.</li> <li>• Moved SBMS plaque pictures into the proper folder so that they display properly from the home page links.</li> <li>• Finished creating individual grid square maps, so that now all 100 grids from EN00 to EN99 are available.</li> <li>• Updated RoverMania VI page to provide links to information about grid squares, and useful tools for looking them up and finding them.</li> </ul>
07/04/09	WØJT	<ul style="list-style-type: none"> <li>• Numerous minor cosmetic changes to home page.</li> <li>• Fixed information about WØDXCC conference for 2009.</li> <li>• Fixed large table of ARRL Contest results, several of the links were bad, and a few of the expected (linkable) components do not exist, and so were changed to placeholders (Web Reports for 2007 UHF and 2007 10 GHz contests).</li> <li>• Re-ordered table of Fall Sprints. Instead of following the order of the Spring Sprints, I changed it to follow in chronological order. The Fall 50 MHz Sprint occurs a week before the 902+ Fall Sprint, whereas the Spring 50 MHz Sprint precedes the 902+ Spring Sprint by a week, or at least that's how the 2008 Fall Sprints were arranged (no schedule for the 2009 Fall Sprints yet).</li> <li>• Changed 2 meter NLRS net frequency to 144.2600 MHz</li> </ul>
07/03/09	WØJT	<ul style="list-style-type: none"> <li>• Over a year since any significant updates. Yechhhh... Anyway, here goes...</li> <li>• Update the date of last update (obvious, but often forgotten...)</li> <li>• Make note to check on currency of officers slate</li> <li>• Activated links to calendar pages for 2009 and 2010. Yikes, a half-year after the fact...</li> <li>• Created individual pages for calendar months 01/2009 through 12/2010.</li> <li>• Fixed January 2009 VHF contest date on calendar page.</li> <li>• Manually inserted Aurora 2009 onto May 2009 calendar page.</li> <li>• Manually inserted CSVHF Conference dates onto July 2009 calendar page.</li> <li>• Manually added dates of Spring Sprints onto April and May 2009 calendar pages.</li> <li>• Manually added (tentative) dates of Fall Sprints onto September and October 2009 calendar pages.</li> </ul>

		<ul style="list-style-type: none"> <li>• Manually added dates of SBMS 2 GHz &amp; Up contest onto the May 2009 calendar page.</li> <li>• Update description of Aurora to 2009, fix date, prepare links to pages for the 2008 and 2009 events.</li> <li>• In the Microwave section, added headings for the ARRL 10 GHz and Up contest and for the SBMS 2G Hz and Up contest.</li> <li>• Inserted a few words about the 10 GHz contest for 2009.</li> <li>• Added some text and a link to the SBMS 2 GHz and up contest. Mentioned our scores for 2005 to present, and provided links to photos of the award certificates for 2005 and 2007.</li> <li>• Removed 2008 breakfast schedule, changed 2009 schedule to "this year", and added tentative schedule for 2010.</li> <li>• Weekly nets: changed 4-6 to "a number of" weekly nets</li> <li>• Made note to confirm schedule, operators, times, frequencies.</li> <li>• Fixed links to CSVHFS Conferences, and updated information for next conference to be held in Illinois on 07/23/09-07/25/09.</li> <li>• Updated info on SVHFS conference, now up to 13th annual version</li> <li>• Added links for Claimed Scores for VHF &amp; Up contests through 2009, although none of the new databases have been created at this point.</li> <li>• Added links to ARRL contest rules for 2009, updated 2008 links as needed.</li> <li>• Fixed dates of 2008 ARRL contests in the rules links</li> <li>• Added dates and links for 2009 ARRL contests in the rules section.</li> <li>• Fixed erroneous links in the ARRL Contest Results table for 2006, 2007</li> <li>• Updated links for 2008 results and the 2009 January and June results, some of which are not yet working. Note that something at ARRL.ORG is badly busted at this time, because the link to contest results only offers sub-links to the years 1997 - 2006, and furthermore only offers results for the years 1997 - 2000. Also, some of the web reports and PDF links that previously worked for 1997 &amp; 1998 no longer work.</li> <li>• Updated Spring Sprints info to 2009 instead of 2008, although sadly it is still post-event... :(</li> <li>• Updated SBMS 2G&amp;Up contest information</li> <li>• Added links to RoverMania 5 (2008) and 6 (2009), and new (empty) folders to hold pages, but no actual pages created yet for either one.</li> <li>• Updated the RoverMania reference pages to include links to 2008 (if/when files are created) and 2009 (when files are created). These are the pages that describe "what is RoverMania" and "how does NLRs promote RoverMania".</li> <li>• Edited January VHF Rover Schedules to show both 2003 and 2004.</li> </ul>
09/29/08	WØJT	<ul style="list-style-type: none"> <li>• Since it's been horribly long since updates were made, I had to change a bunch of "will be held" statements to "was held" statements, and the like. I did some of these, mainly to test out if the troubles we were having with the ability to surf to <a href="http://www.nlrs.org">www.nlrs.org</a> were related to DNS entries pointing to obsolete versions of the files or not. (They weren't, but that is hopefully all history now.) Anyway, it is a small step forward, with many more steps needed to get things into shape.</li> </ul>
05/24/08	WØJT	<ul style="list-style-type: none"> <li>• Fixed directions to WØAUS from the south</li> <li>• Added photos and a little text of the WØAUS sale</li> </ul>
05/20/08	WØJT	<ul style="list-style-type: none"> <li>• Added the WØAUS sale info to the home page.</li> </ul>

04/23/08	WØJT	<ul style="list-style-type: none"> <li>• Fixed title of Aurora 2008 page.</li> <li>• Added NLRS Business Meeting agenda to the Aurora 2008 page, and changed link icon to active.</li> <li>• Fixed name of folder that will hold the photos and HTML for the Aurora 2008 morning outdoor session.</li> </ul>
04/09/08	WØJT	<ul style="list-style-type: none"> <li>• Fixed mistake on the main Aurora 2008 page after urgent emails pointed out the error of my ways. The specific nature of the error will go unrecorded here. ☺</li> </ul>
04/09/08	WØJT	<ul style="list-style-type: none"> <li>• Added new pages for Aurora 2008, including flyer documents and PDF versions of the same.</li> <li>• Redacted obsolete contact information for WØUC from Aurora 2007 – 1999 pages as requested.</li> <li>• Clarified Spring Sprints information concerning log submission.</li> </ul>
02/26/08	WØJT	<ul style="list-style-type: none"> <li>• Improved the description of the Spring Sprints on the home page, with the help of K9JK, one of the contests' sponsors.</li> </ul>
02/24/08	WØJT	<ul style="list-style-type: none"> <li>• Updated table of links to ARRL Contest results pages, to include the 2007 September VHF QSO Party PDF file, Line Scores, Web Report, and Scores database; and the 10 GHz &amp; Up Cumulative Contest PDF, Line Scores, and Scores Database; and the 2008 January VHF Sweepstakes Soapbox and Logs Received links.</li> <li>• Added links to the SBMS 2 GHz &amp; Up Contest awards for NLRS (4<sup>th</sup> place in 2005, 3<sup>rd</sup> place in 2006, and 1<sup>st</sup> place in 2007; but I don't have a picture of the 2006 award – who has it?</li> <li>• Added links to the SBMS 2 GHz &amp; Up Contest Results for 2003, 2004, (2005 is missing in action), 2006, 2007.</li> <li>• Adjusted the May 2008 calendar page to show the SBMS contest extending over into Sunday 05/11/08 from Saturday 05/10/08.</li> <li>• Added Midwinter Madness to the March 2008 calendar page, with a link to their web site.</li> <li>• Added Microwave Update to the October 2008 calendar page with web link.</li> <li>• Updated information on the schedule of the Spring Sprints for 2008.</li> <li>• Added link to CSVHFS Conference 2008.</li> <li>• Made cosmetic changes to the beacon list for consistency and clarity.</li> </ul>
01/15/08	WØJT	<ul style="list-style-type: none"> <li>• Uploaded newer versions of April and August calendar pages that were created yesterday but that I forgot to upload. Doh!</li> </ul>
01/14/08	WØJT	<ul style="list-style-type: none"> <li>• Reorganized link table to create new category (Other Organizations' Events) with CSVHFS, SVHFS, and RARC below that.</li> <li>• Inserted section on SVHFS and their conference and design contest.</li> <li>• Inserted section on RARC Midwest Hamvention.</li> <li>• Added both of the above to the calendar pages.</li> </ul>
01/13/08	WØJT	<ul style="list-style-type: none"> <li>• Happy New Year!</li> <li>• Updated edit date on home page because I always forget to do that when I save it for the end.</li> <li>• Enlarged table of calendar links to include the calendar years 2009 and 2010. Changed icons on the 2008 monthly links from inactive to active.</li> <li>• Changed statement about number of years at current Aurora location from 5 to 6.</li> <li>• Changed the “Aurora 2007 was held...” link to “Aurora 2008 will be held...” on the home page.</li> <li>• <b>Note: need to create the directory for Au2008 and a basic index page.</b></li> <li>• Added link on home page to Aurora 2006 antenna gain results. <b>Note: need to create the files for Aurora 2007 antenna gain results</b></li> </ul>

		<p><b>and link them in here also!</b></p> <ul style="list-style-type: none"> <li>• In the brief narrative of the annual 10 GHz and Up contests, the years were made boldface to be a little more prominent, and a paragraph was added for 2007.</li> <li>• Removed table of 2007 breakfast dates, moved 2008 dates into the “This Year” column, inserted 2009 dates for the “Next Year” column.</li> <li>• Removed 1296 net from the weekly nets schedule.</li> <li>• Changed link to Badger Contesters to their new web domain.</li> <li>• Changed Badger Contesters net schedule to remove the control operator information, since they changed to an informal net format.</li> <li>• Emphasized that the 2006 CSVHFS VHF Conference (hosted by NLRs) was the 40<sup>th</sup> annual event (on the home page).</li> <li>• Changed 2007 CSVHFS VHF Conference to past tense.</li> <li>• Inserted statement about the 2008 CSVHFS VHF Conference location and dates (no web link yet).</li> <li>• Inserted links for the upcoming 2008 ARRL VHF and Up contests. <b>Made a note that some of the 2007 contest results may be missing due to my inability to keep up...</b></li> <li>• Added (mostly speculative) links to ARRL web site for the 2008 VHF &amp; up contest rules, along with the anticipated (but mostly not yet announced) dates of the events.</li> <li>• Removed “not yet published” disclaimer to the block of 2007 rules and dates.</li> <li>• In the large table of ARRL contest results, I decided to repeat the column headings periodically in the table, since they can easily scroll offscreen now unless your video monitor is huge.</li> <li>• Expanded the ARRL contest results table to include rows for 2008-2010.</li> <li>• Updated all links in the contest results table for June 2007 VHF QSO Party, and available links for the August 2007 UHF Contest, the 2007 September VHF QSO Party, and the 10 GHz and Up Contest for 2007.</li> <li>• Updated Spring Sprint information to 2007 from 2006 (oops!), and hopefully will put in the 2008 information when it becomes available.</li> <li>• Updated Fall Sprint information slightly, as needed. Still no links for the 2008 rules, etc.</li> <li>• Updated SBMS 2 GHz and Up Contest information.</li> <li>• Cleaned up some wording on the home page description of RoverMania.</li> <li>• Created calendar pages for January – December, 2008.</li> </ul>
08/20/07	WØJT	<ul style="list-style-type: none"> <li>• Added new version of 10 GHz logger spreadsheet</li> <li>• Updated description on home page of link to 10 GHz operating locations and software page.</li> </ul>
08/04/07	WØJT	<ul style="list-style-type: none"> <li>• Added final updates to RoverMania IV pages prior to the start of the contest. Last data added at 1245 CDT included update to KOHAC/r, WA0SSN, and WØJT.</li> </ul>
08/04/07	WØJT	<ul style="list-style-type: none"> <li>• Added N0DQS/r to the RoverMania IV pages with his preliminary information.</li> </ul>
08/03/07	WØJT	<ul style="list-style-type: none"> <li>• More RoverMania IV updates.</li> </ul>
08/02/07	WØJT	<ul style="list-style-type: none"> <li>• Changed references to Aurora 2007 to the past tense.</li> <li>• Added link to Aurora 2007 page to the front page list of prior years</li> <li>• Updated ARRL Contest Results table on front page</li> </ul>

		<ul style="list-style-type: none"> <li>• Added January 2007 VHF: PDF, Line Scores, Web Report, and Scores Database. Removed the Logs Received link and replaced it with Log Check Reports link.</li> <li>• Added June 2007 VHF: Soapbox and Logs Received</li> <li>• Added link to RoverMania IV (2007 August UHF Contest) to front page</li> <li>• Created RoverMania IV page:</li> <li>• Took blank RoverMania picture and doctored it for version IV</li> <li>• Created RoverMania.htm in the new directory</li> <li>• Created new Excel spreadsheet of all available data</li> <li>• Exported four pages of spreadsheet to PDF files: <ul style="list-style-type: none"> <li>• Rover Station Schedules</li> <li>• Rover Grids Summary</li> <li>• Fixed Station Locations</li> <li>• Fixed Station Grids Summary</li> </ul> </li> <li>• Linked again to Small, Med, Large grid maps as before</li> <li>• Created JPG files of Grids EN00 – EN68 (one file per grid) from Google Maps</li> <li>• Began work on an HTML page to better show the grids being activated, but it's not ready yet...</li> </ul>
04/03/07	WØJT	<ul style="list-style-type: none"> <li>• Really added Aurora 2007 to the April calendar (for some reason it didn't make it up to the site last month).</li> <li>• Added flyer and registration forms to the Aurora 2007 page.</li> </ul>
03/08/07	WØJT	<ul style="list-style-type: none"> <li>• Added Aurora 2007 date to the April calendar.</li> <li>• Put placeholders in for the eventual Aurora 2007 pages. So far, the only working link on the main Aurora 2007 page is the link to the maps.</li> <li>• Updated main page to refer to Aurora 2007 instead of 2006.</li> <li>• Made initial changes to main page regarding the change in sponsorship of the Spring Sprints. <i>&lt;to do&gt; Need to get the new rules, new schedule, etc. into place.</i></li> </ul>
02/11/07	WØJT	<ul style="list-style-type: none"> <li>• Updated schedule of NLRs nets to remove 10 GHz net.</li> <li>• (Mostly) finished work on the Aurora 2006 pages. Still awaiting some clarifications on the antenna gain data.</li> </ul>
02/10/07	WØJT	<ul style="list-style-type: none"> <li>• Started work on the Aurora 2006 pages (antenna measurements and presentations), though nothing is showing yet.</li> </ul>
02/06/07	WØJT	<ul style="list-style-type: none"> <li>• Updated ARRL Contest Results table to include the newly-released reports for the 2006 September VHF contest and the 2006 10 GHz and Up Cumulative Contest.</li> <li>• Updated ARRL Contest Results table to include the available items for the January 2007 VHF Sweepstakes</li> <li>• Re-organized the ARRL Contest Results table for better compatibility with narrow screens. Now, the rows are the years, and the columns are the contests. The number of contests (table columns) is likely to stay fixed at 5 (6 including year column) for the foreseeable future, while the number of rows can now grow indefinitely without making the table wider, only higher.</li> <li>• Created 12 calendar pages for the year 2007, and linked them into the home page. Icons for Jan thru Dec 2007 changed to "active". Icons for Jan thru Dec 2008 added, as "inactive".</li> </ul>
02/02/07	WØJT	<ul style="list-style-type: none"> <li>• Moved "next year" breakfast calendar to "this year" spot, and entered a (tentative) breakfast calendar for next year.</li> <li>• Changed heading on Club Officers to "2006-2007" instead of "2005-</li> </ul>

		<p>2006”</p> <ul style="list-style-type: none"> <li>• Changed “Aurora 2006 will be held...” to “Aurora 2006 was held...”</li> <li>• Added link to Aurora 2006 info page in the list of past Aurora events.</li> <li>• Added link to Aurora 2006 antenna results, but the link is not yet active</li> <li>• Put small blurb on main page for the 2006 10GHz and Up contest to continue the narrative on prior years’ operational methods.</li> <li>• <i>&lt;to do&gt; Need links to web pages for 2005 and 2006 10GHz &amp; Up contest descriptions/photos/etc. &lt;to do&gt;</i></li> <li>• Updated links to the two Old Country Buffet restaurants’ Mapquest links, since the old links seem to have broken.</li> <li>• Updated CSVHFS annual meeting links – made 2006 past tense, added new link for 2007 meeting.</li> <li>• Added link to “States Above 50” interim scores for the 2006-2007 year.</li> <li>• Added links to Claimed Scores for 2007 contests, fixed the table of 2006 links to show 10G&amp;Up as 2006 instead of 2005.</li> <li>• Added links to rules for ARRL contests for 2007, with dates as published on the ARRL Contest Calendar.</li> <li>• Updates links from our table of ARRL results &amp; reports to the ARRL web site for items that have become available since the last update.</li> <li>• Updated Fall Sprints to 2006 instead of 2005, and updated the table of “where to send logs” because a few of them changed.</li> <li>• Made the title RoverMania a hot-link to the new (previously undocumented and unreferenced) page that is all about the RoverMania concept, its implementation, the Limited Rover category award, etc.</li> </ul>
12/19/06	WØJT	<ul style="list-style-type: none"> <li>• Created a RoverMania home page, although at this time it is not visible to the outside world. The URL was sent to club officers to review.</li> </ul>
09/12/06	WØJT	<ul style="list-style-type: none"> <li>• Updated table on main page of ARRL contest results pointers, to include the links to the claimed scores and soapbox for June VHF, August VHF, and the 10 GHz and Up Cumulative Contest, as available.</li> <li>• From the August Claimed Scores report, updated our local Claimed Scores database for the August 2006 contest (mainly fixed a few club affiliations and changed some “log submitted?” entries from unknown to electronic.</li> </ul>
09/11/06	WØJT	<ul style="list-style-type: none"> <li>• Began entering Claimed Scores for the ARRL September 2006 VHF Contest</li> </ul>
08/26/06	WØJT	<ul style="list-style-type: none"> <li>• Uploaded version 3.02-vba, promptly followed by version 3.03-vba of the 10 GHz logger spreadsheet, with additional corrections discovered when I converted a real log from the version 2 format to the version 3 format.</li> </ul>
08/21/06	WØJT	<ul style="list-style-type: none"> <li>• Uploaded version 3.01-large of the 10 GHz Logger spreadsheet (with corrections to the distance calculations, using KK6MK’s Visual Basic for Applications code), and updated pointers in a couple of places to point to the new file.</li> <li>• Fixed the broken link to the GL program (for the Palm Pilot).</li> </ul>
08/07/06, 08/08/06, 08/09/06,	WØJT	<ul style="list-style-type: none"> <li>• Updated Claimed Scores for the ARRL August 2006 UHF Contest (a/k/a RoverMania III).</li> </ul>

and 08/21/06		
08/05/06	WØJT	<ul style="list-style-type: none"> <li>• Corrected order of W0ZQ/r grids to be visited and Sunday start time</li> <li>• Corrected K0MHC/r's list of working bands</li> <li>• Numerous fixes to K9JK/r's rover plans</li> <li>• Filled in missing information (as well as I could) for N0DQS/r</li> <li>• Updated Grids Activated page with above changes. There are now a total of 36 unique grids listed for 15 different rovers!</li> <li>• Sorted list of fixed stations by their home grid square.</li> <li>• Added 10 GHz "activity times" to Fixed Station list</li> </ul>
08/04/06	WØJT	<ul style="list-style-type: none"> <li>• Made many many updates to the RoverMania III information. Added numerous additional rovers, updated information, added fixed stations, etc., etc.</li> </ul>
07/31/06	WØJT	<ul style="list-style-type: none"> <li>• Updated RoverMania info for W9FZ/r which was previously significantly erroneous. Thanks for the info, Bruce!</li> </ul>
07/30/06	WØJT	<ul style="list-style-type: none"> <li>• Started up pages for RoverMania III, which is almost here!</li> </ul>
06/14/06	WØJT	<ul style="list-style-type: none"> <li>• Entered more Claimed Scores for the June 2006 VHF contest.</li> <li>• Corrected some of the entries based on email responses from my reflector postings, and from a look at the ARRL Logs Submitted listing.</li> <li>• Inserted links on the home page to take the visitor directly to the 2006 contests.</li> <li>• Updated the ARRL Contest Results table with the remaining links to the January 2006 VHF contest and a couple of new links to the June 2006 VHF contest (soapbox and logs submitted).</li> </ul>
06/13/06	WØJT	<ul style="list-style-type: none"> <li>• Entered a few more Claimed Scores as time permitted.</li> </ul>
06/11/06	WØJT	<ul style="list-style-type: none"> <li>• Started up the Claimed Scores page for the June 2006 VHF contest with my own unverified numbers. (Has it really been almost 3 months since I worked on the web site?)</li> </ul>
03/25/06	WØJT	<ul style="list-style-type: none"> <li>• Added W9FZ/B to the beacon list (432.3295 MHz), and corrected data for K0JO's 902 beacon.</li> <li>• Updated scores on States Above for 2005-2006 with data from W0ZQ's posting of 02/28/06.</li> <li>• Added minutes of the 2005 NLRs Business Meeting to the Aurora 2005 pages, in Word (DOC) format and PDF format.</li> <li>• Updated Aurora 2006 page with real flyers from WØUC.</li> <li>• Updated Aurora 2006 page with tentative presenter list.</li> <li>• Updated Aurora 2006 page with tentative business meeting agenda.</li> </ul>
03/18/06	WØJT	<ul style="list-style-type: none"> <li>• Replaced all occurrences of the "@" symbol on the main page, to help foil SpamBots from harvesting email addresses. Need to check all other pages for the same, but have not done this as of yet. Trying out several ways of doing this, some with just the "@" replaced by a GIF file, some with each character of an email address replaced by a separate GIF file, and one with the entire word as a single GIF file. (GIF is used to allow for image transparency, so that the background color shows through.)</li> <li>• For now, replaced the link to "email to webmaster" on the home page with a graphic representation of my email address and instructions to send mail there.</li> <li>• Corrected an error on the "Service Area" graphic, where a grid name got accidentally changed when I had attempted to move it into an open space. Now it shows the correct grid. This is on the low-resolution image.</li> </ul>

		<ul style="list-style-type: none"> <li>• Added grid boundaries and grid names to the high-resolution “Service Area” graphic.</li> <li>• Updated table of links to ARRL Contest Results to reflect the publication of the PDF files and Line Scores for the September 2005 VHF contest and the 2005 10 GHz and Up Cumulative Contest.</li> <li>• Updated pointer to Spring Sprint rules to point to the 2006 rules, and remove the comments that the pointer went to 2005 rules because the 2006 rules had not yet been published.</li> <li>• Added information on the Fall Sprints. Rules and dates for 2006 are not yet published, so the pointers go to 2005 versions of the same, with appropriate warnings.</li> <li>• Added information on the SBMS Microwave Club Contest to the main page of the web site.</li> <li>• Updated verbiage on RoverMania to imply that there may be a RoverMania III event this year.</li> <li>• Updated anchors and the index to the anchors at the top of the home page.</li> <li>• Cleaned up the variations in heading levels that had been used or omitted from the various sections to get a bit more consistency.</li> </ul>
03/05/06	WØJT	<ul style="list-style-type: none"> <li>• Temporarily disabled the “email to webmaster” and “email to club officers” functions. Although the spam flood was stopped, the server continued to be hammered by attempts to send the spam anyway, so I’m working on a different approach.</li> </ul>
02/20/06	WØJT	<ul style="list-style-type: none"> <li>• Emergency updates to stem the flow of spam to the webmaster coming through the “Send a message to the Webmaster” page. It appears that the SpamBots have learned how to fill out forms. I made changes to the form used to send email to the Webmaster, and to the form used to send email to the Club Officers, although I do not think that the latter was hit (yet). To make them work correctly, I had to change them from .htm to .php files, and that breaks all the links to the pages throughout the web site. Now, I have to find all those links and update them. Oh yeah, in the process of fixing the “Send email to the club officers” page, I discovered that it was still sending treasurer email to Rich instead of to Glen. Oops! That is now fixed also. Also updated email address for Jon.</li> <li>• <b>(Finally)</b> added antenna test results for Aurora 2005! (<i>sheesh!</i>)</li> <li>• Fixed numerous broken links to the “Email to webmaster” page.</li> <li>• Created redirection stand-ins for the old .htm versions of the two email pages that were converted to .php files, to act sensibly if a user clicked on one of the old links. (For example, on one of the calendar pages prior to 2006, which I did not patch.)</li> <li>• Used color shading to emphasize <b>This Year’s</b> breakfast dates and to de-emphasize <b>Next Year’s</b> breakfast dates, to help avoid confusion.</li> <li>• Added the SBMS 2GHz &amp; Up Contest to the April 2006 calendar page.</li> <li>• Fixed the presentation of the “States and Provinces Above 50 MHz” results page to omit reference to club affiliation, since it does not apply to that contest.</li> <li>• Fixed the presentation of the “VHF and Up” contest results page so that the Chippewa Valley VHF Contesters are referred to appropriately (not leaving out the VHF and using CVVC instead of CVC as the abbreviation for their club).</li> </ul>
02/14/06	WØJT	<ul style="list-style-type: none"> <li>• Created a new set of 14 NLRS logos – 7 in jpg format (white background) and 7 in gif format (transparent background), in resolutions of 1200x1200, 900x900, 600x600, 300x300, 200x200,</li> </ul>

		<p>150x150, and 100x100. Unless the 1200x1200 is too small for your purposes, you should find something suitable for your needs in that list. I retained the links to the previous logos also. To get to the logos, go to the home page and click on the NLRS logo. It will take you to a page with all the choices that you can examine and/or download.</p> <ul style="list-style-type: none"> <li>• Updated table of officers to reflect that they are current for 2005-2006.</li> <li>• Fixed reference to Rich (former treasurer) in the “how to pay your dues” text to refer instead to “the treasurer” (so I won’t have to fix it again if/when the position changes!)</li> <li>• Changed wording in intro to Club Bylaws, since the changes we last made aren’t so recent any more.</li> <li>• Changed wording about club jacket buy to more clearly delineate it as old news.</li> <li>• Added the deadline for log submissions for the January VHF Sweepstakes to the February 2006 calendar page.</li> <li>• Changed text introducing the ARRL Club Contest rules to show that all three VHF contests (January, June, and September) are now club competitions.</li> <li>• Added the maps from 2003 to the Aurora 2006 web page (with updates, of course). Will probably create better maps one of these days, just waiting for that elusive “Round Tuit” to show up. But at least folks now have some basic pointers how to get there.</li> <li>• On the breakfast schedule, I deleted the 2005 entries, move the 2006 entries to “this year”, and added tentative entries for “next year” (2007).</li> <li>• Replaced broken links to the Old Country Buffet location maps. They changed software on their web site, which broke my links. The replacement links use MapQuest instead.</li> <li>• In the Central States VHF Society Conference, I included a link to their 2006 Conference web page.</li> <li>• Updated the ARRL Contest Results table with a few more items that have been published by the ARRL.</li> <li>• Updated the schedule for the Spring Sprints to the 2006 dates. Still no idea where the 2006 rules can be found, so I still point to the 2005 rules.</li> <li>• Minor wording changes in the RoverMania section.</li> <li>• Emphasized the year of the January Rover Schedule links and the January Fixed Station List link.</li> <li>• Added the Santa Beacon (10368.293) to the beacons page.</li> <li>•</li> </ul>
01/05/06	WØJT	<ul style="list-style-type: none"> <li>• Happy New Year!</li> <li>• Added Aurora 2006 to the calendar page, created an initial placeholder for the Aurora 2006 web pages, and updated the Aurora description on the home page to refer to the upcoming conference instead of the preceding conference.</li> <li>• Added Central States conference to the calendar pages.</li> </ul>
12/13/05	WØJT	<ul style="list-style-type: none"> <li>• Corrected the date of January 2006 VHF Sweepstakes on the January calendar page.</li> <li>• Added (presumed) contest dates and links to rules for the 2006 ARRL contests to the home page.</li> </ul>
11/12/05	WØJT	<ul style="list-style-type: none"> <li>• Added available data on the 2005-2006 States (and Provinces) Above 50 MHz contest standings.</li> </ul>

11/11/05	WØJT	<ul style="list-style-type: none"> <li>• Added link on home page to the newly-entered standings.</li> <li>• Updated the date of update on the home page (something I have been known to forget to do!)</li> <li>• Added a dozen new pages for the 2006 calendar of events, and updated the links on the home page to the twelve months of 2006. Added a set of placeholders for the 12 months of 2007.</li> <li>• Re-arranged the links to “Microwave Gatherings, Picnics, and Antenna Measurement Parties” to interleave the 10 GHz contest links, since the text talked about them also, and placed each year’s links under the paragraph that discusses that year’s events. Updated some of the verbiage, and added a brief discussion of the 2005 contest (web pages to follow, I presume).</li> <li>• Added a table of 2006 NLRS Breakfast dates/locations alongside the table for 2005, since this year isn’t quite over but folks might want to know the schedule for next year without looking at the calendar pages one by one.)</li> <li>• Updated the links below the table(s) to the two Old Country Buffet restaurants, since OCB has re-designed their pages and my old links were broken sometime in the past.</li> <li>• Added mention under CSVHFS Conference that it will be hosted by the NLRS in 2006.</li> <li>• Updated the description of the ARRL contest results reporting formats, and made it a bulleted list. Added mention of the Printable Line Scores and the Logs Submitted.</li> <li>• Updated the table of ARRL contest results. Starting in 2002, the detailed line scores were removed from the QST articles. ARRL has now made those line scores available in HTML on their web site, so I added links to them in my table of results. I also updated the table with the new results that have been released for 2005.</li> <li>• Removed dead link to KMØT’s “VHF Helper” program, as it does not appear to have survived the move from QSL.net to his new ISP.</li> </ul>
09/28/05	WØJT	<ul style="list-style-type: none"> <li>• Well, I *thought* that I had entered all the data from the August 2005 UHF contest, but I’ve been wrong before and I was wrong again. I *now* have entered the claimed scores data for that contest, and updated the claimed scores data for the September 2005 VHF contest.</li> <li>• Fixed error in the help listing for the MySQL syntax on the private (webmaster-only) SQL command entry page, since the syntax error made the help screen less than helpful. Oh well, this change is not visible to anyone besides the webmaster anyway...</li> </ul>
09/25/05	WØJT	<ul style="list-style-type: none"> <li>• Edited the February 2005, and April 2005 through November 2005 Calendar pages to include the 10 GHz Net (April – November) and to include the deadlines for submissions of logs for the ARRL January VHF, June VHF, August UHF, September VHF, and 10 GHz &amp; Up Cumulative Contests.</li> </ul>
09/24/05	WØJT	<ul style="list-style-type: none"> <li>• Finished adding all claimed score information available to me as of that date for the August UHF and September VHF Contests. If additional data are received, they will be gladly added to the postings.</li> </ul>
08/07/05 – 09/23/05	WØJT	<ul style="list-style-type: none"> <li>• Started to add scores to the August UHF Contest Claimed Scores database as they arrived on the NLRS and BC mail reflectors.</li> <li>• Started to add scores to the September VHF Contest Claimed Scores database as they arrived on the NLRS and BC mail reflectors.</li> <li>• Updated link to KK6MK’s GL program, since it moved.</li> </ul>

		<ul style="list-style-type: none"> <li>Updated link to WØJT's 10 GHz logging assistant spreadsheet, since it has been significantly improved since the old version that was previously posted.</li> </ul>
08/03/05 – 08/05/05	WØJT	<ul style="list-style-type: none"> <li>Worked on the RoverMania II web pages. New photo added to main page, built php code to access databases of the rover data, entered all rover data available to date.</li> <li>Added link to W0ZQ's spreadsheet of rover info (with embellishments that I added to it).</li> <li><b>(To do):</b> Editing and Addition functions' php code is not working yet, had to enter the data manually with the SQL manager for now.</li> <li><b>(To do):</b> Need to create php code to tabulate what rovers are in what grids by grid map rather than time, as was done last year.</li> </ul>
07/19/05	WØJT	<ul style="list-style-type: none"> <li>Entered data for States Above 50 MHz results for 2004-2005</li> <li>Updated data for States Above 50 MHz results for 2003-2004 from the CSVHFS web page.</li> <li>Created tables to support database-driven Antenna Gain results. Main table is AntennaGain, and support table is AntennaTestLocations. Need to build php code to present forms for inputting and editing data into these tables, and displaying the results, similar to the Contest Scores tables.</li> </ul>
07/18/05	WØJT	<ul style="list-style-type: none"> <li>Updated club roster with current data</li> <li>Fixed some past/present tense problems concerning Aurora 2005 on home page.</li> <li>Fixed erroneous data about the Badger Contesters weekly net.</li> <li>Updated Spring Sprints data from 2004 to 2005, i.e., I'm still behind schedule, but that's the best I can do right now since the 2006 schedule is not yet published.</li> <li>Started working on Rovermania II pages, though I didn't get too far yet.</li> </ul>
07/17/05	WØJT	<ul style="list-style-type: none"> <li>Uploaded content for Aurora 2005 conference.</li> <li>Updated treasurer name and contact information</li> <li>Updated ARRL contest results to include January 2005 VHF Contest and what is available so far for the June 2005 VHF Contest.</li> <li>Entered more claimed score information for the June 2005 VHF Contest.</li> </ul>
06/14/05	WØJT	<ul style="list-style-type: none"> <li>Entered more claimed scores data for June VHF contest, and discovered a new bug in the score calculations code on the validation screen. Fixed that. (Change not visible to ordinary users, only webmaster has access to the data entry page.)</li> </ul>
06/13/05	WØJT	<ul style="list-style-type: none"> <li>Began entering data for June VHF contest, and discovered a bug in the score calculations code. Fixed that, and entered my own score (only data I had at the time). (Change not visible to ordinary users, only webmaster has access to the data entry page.)</li> </ul>
04/21/05	WØJT	<ul style="list-style-type: none"> <li>Did my best to re-create the Aurora 2005 flyer and registration form by working from the 2003 files. Created both Word (*.doc) and PDF files.</li> <li>Updated Aurora 2005 index page with afternoon schedule, and made it clearer which links are not yet active.</li> </ul>
03/20/05	WØJT	<ul style="list-style-type: none"> <li>Changed main page references from Aurora 2004 (last year) to Aurora 2005 (this year)</li> <li>Created preliminary page for Aurora 2005.</li> <li>On main page, added section for the 2004 ARRL 10 GHz and Up Cumulative Contest North Shore Expedition, and added links to a half-dozen web pages by NLRs members and friends who</li> </ul>

		<p>participated. Looks like I don't have to create a NLRS-unique page on the subject this year!</p> <ul style="list-style-type: none"> <li>• Updated table of ARRL contest results links to include the most recent ones made available by ARRL, and made a set of placeholders for the 2006 contests.</li> <li>• Updated the database-driven contest entry, edit, verification, and reporting code to break out the Chippewa Valley Contesters as well as the previous breakouts of NLRS and Badger Contesters.</li> <li>• Entered new data into the January 2005 VHF Sweepstakes contest database. All entrants who submitted electronically and are listed by ARRL as having submitted a log for NLRS, BC, or CVC clubs are now included in the database, even if I have no score data to go with their entry. Sent out an email asking for updates from such folks.</li> </ul>
02/15/05	WØJT	<ul style="list-style-type: none"> <li>• Updated January VHF Sweepstakes scores.</li> <li>• Fixed bug on Contest Results Display pages in link to webmaster.</li> </ul>
02/13/05	WØJT	<ul style="list-style-type: none"> <li>• Changed home page to refer to both RoverMania (2004) and RoverMania II (2005), with link to planning page for the coming year.</li> <li>• Created directory to hold planning documents for 2005 RoverMania II.</li> <li>• Created initial web page, mainly including Jon's letter to other clubs.</li> </ul>
02/06/05	WØJT	<ul style="list-style-type: none"> <li>• More updates on January VHF Sweepstakes scores page</li> <li>• Fixed instructions for sending money to NLRS (e.g., for dues)</li> <li>• Added Aurora 2005 to the calendar page.</li> </ul>
01/02/05	WØJT	<ul style="list-style-type: none"> <li>• Added column for 2006 calendar pages to the table of calendar pages, and changed the icons for 2005 from "NoLink" to "Link".</li> <li>• Created initial calendar pages for the 12 months of 2005.</li> <li>• Fixed an error in the December 2004 calendar page (12/1/04 was blank!)</li> <li>• Changed the monthly breakfast schedule from 2004 dates to 2005 dates.</li> <li>• Changed the "Weekly Nets" table to have a column for "dates of operation" and a column for "where to point". Inserted data for the 1296 net and the 10 GHz net.</li> <li>• Changed the Wisconsin (Badger Contesters) net listing to match.</li> <li>• In the Contest Results section, added a link for the 2004-2005 States Above 50 MHz Contest, although the database is still empty.</li> <li>• Added links for the 2005 ARRL Contest Claimed Scores, even though none of the contests have been held yet, so obviously the database has no data on any of them yet.</li> <li>• Inserted block of links to the rules for the 2005 ARRL Contests, even though most of them are not working yet (since ARRL has not published rules beyond the January VHF contest for the ones we list on the web.) The contest dates, however, have been published, and these are (naturally) included.</li> <li>• Re-organized rules section so that they in the order of (1) general rules, (2) specific rules for 2005, (3) specific rules for 2004, and (4) specific rules for 2003 (instead of having the oldest rules first).</li> <li>• Updated links in the ARRL Contest Results link table, since several more sets of results are available. Some of the results from 2004 are still not available. Added column for 2005.</li> <li>• Added disclaimer that the Spring Sprints schedule for 2005 is not yet available, so people don't mis-read the schedule as applying to this year.</li> </ul>

		<ul style="list-style-type: none"> <li>• Edited wording on August Rovermania, since it is now in the past. Added news flash that the August UHF Contest is apparently coming back again this year!</li> <li>• Updated wording on the January VHF Rover and Fixed Station schedules since they are now “last year” instead of “this year”.</li> </ul>
08/29/04	WØJT	<ul style="list-style-type: none"> <li>• Deleted most stuff about Club Jackets since ordering is done.</li> <li>• Updated pointers to ARRL contest rules for 2004, since they are all published now.</li> <li>• Updated table of ARRL Contest Results links, to include everything available as of now. Also added a few links to “logs submitted” where applicable.</li> </ul>
08/06/04	WØJT	<ul style="list-style-type: none"> <li>• Final updates made to RoverMania data.</li> </ul>
08/05/04	WØJT	<ul style="list-style-type: none"> <li>• RoverMania! (first appearance of the page)</li> </ul>
06/16/04	WØJT	<ul style="list-style-type: none"> <li>• Inserted minutes of NLRS Business Meeting into the Aurora 2004 section of the web site, as Word (.doc) and Acrobat (.pdf) files.</li> <li>• Inserted Business Meeting Highlights into the Aurora 2004 section, as the original Power Point (.ppt) and as Acrobat (.pdf) files.</li> <li>• Created PPT.jpg icon to use for Power Point links.</li> <li>• Fixed error in Aurora 2003 Antenna Gain table (902 MHz data) and converted to PDF file and linked new version to home page.</li> <li>• Added Microwave Gathering 2003 Antenna Gain results as PDF file and linked it to home page.</li> <li>• Fixed errors in Aurora 2004 Antenna Gain table and converted to PDF file, and linked this to the home page and to the Aurora 2004 Antenna Gain Measurement page.</li> <li>• Added part of Gary’s handout to the web page on his Radio Mobile presentation at Aurora. (I have no machine-readable copy, so I did a bit of hand-typing to get that far. Will work on page 2 later.)</li> </ul>
06/02/04	WØJT	<ul style="list-style-type: none"> <li>• Updated Club Officers’ terms to 2004-2005, since they were all railroaded back into the same offices at Aurora 2004.</li> <li>• Changed headline on Aurora 2004 to past tense.</li> <li>• Updated “States Above 50 MHz” claimed scores with the latest (April) data, pending receipt of the new data from the end of May.</li> <li>• Inserted working link to ARLL August UHF Contest Rules.</li> <li>• Changed links for September VHF and 10 GHz Contest Rules to plain text, since ARRL still hasn’t published those rules for 2004.</li> <li>• Reworded text around link to ARRL Contest Results page (below our table of contest results) so it would be easier to find (needed to get to results we haven’t added to our table yet).</li> <li>• Cleaned up much of the Aurora 2004 start page, since most of the stuff it references is now installed.</li> <li>• Added numerous web page and photos from Aurora 2004. I still have NO copies of anyone’s PowerPoint presentations, nor have I had the time to add captions to all photos or re-type any data from paper handouts on the presentations pages (at least, not yet).</li> </ul>
05/20/04	WØJT	<ul style="list-style-type: none"> <li>• Finished pages for NLRS Club Jacket ordering</li> </ul>
04/05/04	WØJT	<ul style="list-style-type: none"> <li>• Replaced Aurora 2004 Flyer with a corrected version that has the correct date for the event (both DOC and PDF).</li> </ul>
04/02/04	WØJT	<ul style="list-style-type: none"> <li>• Replaced Aurora 2004 Flyer with the version that will actually be mailed out to the club and others (both DOC and PDF).</li> <li>• Added the Aurora 2004 Registration form (both DOC and PDF).</li> <li>• Added tentative list of afternoon presentations as indicated in the flyer.</li> </ul>

		<ul style="list-style-type: none"> <li>• Added link to page informing folks that the equipment test range is conditional on folks contacting Ron with their test needs ahead of time, along with a secure way to email him.</li> <li>• Clarified which links are intentionally dead (links for future use after the event is over), vs. which links ought to be working now.</li> </ul>
03/29/04	WØJT	<ul style="list-style-type: none"> <li>• Added Aurora 2004 flyer (version that was brought out to the Midwinter Madness Hamfest) in DOC and PDF formats.</li> <li>• Updated business meeting agenda for Aurora 2004.</li> <li>• Miscellaneous formatting changes to the Aurora 2004 page, in preparation for more stuff to come.</li> <li>• Updated reference to Aurora 2004 on main page, made date more prominent, etc.</li> <li>• Inserted short paragraph about the 2003 North Shore Expedition to follow the pattern established on the main page for the 2001 and 2002 expeditions.</li> </ul>
03/28/04	WØJT	<ul style="list-style-type: none"> <li>• Updated calendar pages with entries for Aurora 2004, the 2004 Picnic, and the SBMS 2304 MHz and Up Contest.</li> <li>• Created a new directory to hold the Aurora 2004 pages, created a basic index page, and inserted the business meeting agenda.</li> <li>• Added links to QST articles (as PDF files) with Contest Results for 2003.</li> </ul>
03/07/04	WØJT	<ul style="list-style-type: none"> <li>• Fixed bug in dispatcher code that prevented any login from working correctly when attempting to add or edit scores.</li> <li>• Updated States Above 50 MHz with new data as of 03/01/04 from WØZQ per mail reflector.</li> </ul>
02/28/04	WØJT	<ul style="list-style-type: none"> <li>• Security fixes.</li> </ul>
02/21/04	WØJT	<ul style="list-style-type: none"> <li>• Finished programs for editing the States Above database. (Previously could only add and display entries.)</li> <li>• Modified States Above 50 MHz Claimed Scores page to explain the club abbreviations NLRS and BC.</li> <li>• Modified States Above 50 MHz Claimed Scores page to display slashed zeroes in callsigns in a more browser-friendly manner. Some browsers (such as Mozilla, possibly Netscape) choke on 'Ø' and display it as a question mark, even though they recognize and display '&amp;Oslash;' correctly.</li> <li>• Modified VHF Claimed Scores page to sub-total everything by club affiliation and display subtotals for NLRS, BC'ers, Other/Unknown/Unaffiliated, and of course, the Grand Totals of all (as before).</li> <li>• Modified VHF Claimed Scores page to also use a browser-friendly slashed zero format in callsigns.</li> <li>• Modified VHF Claimed Scores page to explain the club abbreviations and add a disclaimer. (Just view the page for more details!)</li> </ul>
02/08/04	WØJT	<ul style="list-style-type: none"> <li>• Added additional operator buttons to the bottom of the Update Scores and Validate Scores php pages to facilitate jumping among the data entry, data edit, data display, and SQL query functions without having to re-log in again after having first logged in.</li> <li>• Added log from KBØDCO and forwarded to Rich.</li> <li>• Renamed some files for the VHF contest score programs to simplify addition of code for other contests.</li> <li>• Modified front-end program to include States Above 50 MHz contest.</li> <li>• Created empty table for States Above 50 MHz data.</li> </ul>

		<ul style="list-style-type: none"> <li>• Began to modify the VHF contest programs for the States Above 50 MHz data functions.</li> <li>• Implemented Score Display and Score Entry/Validate programs for States Above 50 MHz contest.</li> <li>• Entered data into States Above 50 MHz Contest database from WØZQ's email posting of 02/02/04.</li> <li>• Linked report program to home page.</li> </ul>
02/07/04	WØJT	<ul style="list-style-type: none"> <li>• Modified structure of ClaimedScores_VHF database to include columns for Club affiliation and Log submission status. Updated data entry and display tools to account for the two new fields.</li> <li>• Created a database update tool to complement the database entry tool.</li> <li>• Used new tool to update the two new fields in the entire database for all the logs in the database.</li> <li>• Added data sent to Rich (NØHJZ) but not posted to the NLRS list, for the January VHF Sweepstakes.</li> </ul>
02/02/04	WØJT	<ul style="list-style-type: none"> <li>• Further refined database manipulation tools (internal changes for webmaster and authorized others only, at this point), including the form used for entering score data (removed the inputs for fields that don't really need to be input manually), etc.</li> <li>• Added a database management tool selection page that allows general access to the (read-only) viewing of score reports, and restricts access to read-write functions via username and password. Not yet made public, but could be found by someone who knows their HTML.</li> <li>• Modified score report function to display in order of operator class (as before) and then by total score DESCENDING (largest scores in each class first).</li> <li>• Added NØUK's claimed score to the database.</li> <li>• Updated KØAWU's claimed score in the database (fixed grid count on 2 meters and adjusted the total score).</li> <li>• Fixed busted callsign (NØVJZ -&gt; NØVZJ) in the database.</li> </ul>
01/31/04 into 02/01/04	WØJT	<ul style="list-style-type: none"> <li>• Finally (!!!) created a database-driven PHP / MySQL implementation of the contest Claimed Scores reports. A (currently private) web form allows me to enter stations' data directly into the database, and as soon as the "Send" button is clicked, the database is updated. From that instant forward, asking for the report gives a completely updated version. So far, the only contest data in the database are for this January's VHF SS, but now that the code is working, I will start back-populating the database with the earlier score results from Jan/Jun/Aug/Sep 2003, 2002, 2001, and 2000. As each contest's data are added, I will change the link on the home page to one that requests the dynamic score report from the database instead of the current static page. I will need to create similar but not identical database tables and operational programs for the 10 GHz and Up Cumulative Contest and the States (and Provinces) Above 50 MHz Contest, since the data that they require are different. The only apparent bug (mal-feature) still present is that the scores are in ascending order instead of descending order. That should get fixed eventually. This system will eventually allow me to let selected folks other than the webmasters upload contest results without my assistance.</li> <li>• Updated links to ARRL web site for a few more contest results that have recently become available, and added placeholders for the 2005 contest season.</li> </ul>

01/24/04	WØJT	<ul style="list-style-type: none"> <li>Added summary of fixed stations working the January 2004 VHF SS. Sorry, didn't update the rover schedules – no time! GL in the Test!</li> </ul>
01/22/04	WØJT	<ul style="list-style-type: none"> <li>Fixed some errors in the Aurora 2003 antenna gain results, and marked the 902 MHz results as questionable (they may be duplicates of the 432 antenna entries), until I can get confirmation from WØAUS as to what is going on with those numbers.</li> <li>Added the 10 GHz antenna gain results from the 2003 microwave picnic.</li> <li>Both of the above are still in raw (bloated) Excel-to-HTML format, and will be converted to "clean" HTML after I get updated info from Bob.</li> <li>Added link on main page to September VHF Contest Web Results on the ARRL web site, which just became available.</li> </ul>
01/20/04	WØJT	<ul style="list-style-type: none"> <li>Added KØMHC's Power Point slides to the Aurora 2000, 2001, and 2002 pages, in both native PPT format and as HTML pages. Updated the corresponding page for the events to point to the new files.</li> <li>Added NØHZ's Power Point slides to the Aurora 2003 pages, as above.</li> <li>Updated January 2004 VHF Sweepstakes Rover Plans with new info received from the WØAMT/KCØLBT team.</li> <li>Updated edit log to correct the status of the antenna gain results pages.</li> </ul>
01/19/04	WØJT	<ul style="list-style-type: none"> <li>Created monthly calendar pages for January through December of 2004, and updated table of links on home page to reflect the availability of these 12 calendars (plus inactive links to 2005 months). In addition to the usual display of breakfast dates, ARRL Contest dates, these calendars also show deadlines for submission of logs for these contests, and the Spring Sprint dates for 2004, and now show the dates that the NLRs nets are cancelled (during certain contest weekends).</li> <li>Removed extra blank lines from the table of links to annual Aurora events to visually simplify the table.</li> <li>Added link for Aurora 2003 Antenna Gain measurements. <b>The work is not yet complete. The web page is bloated code produced by Excel 2000 and needs to be converted to simple HTML like the other pages, plus it has an (empty) "page" for the 2003 Microwave Picnic antenna gain results. And both sets of results need to be added to the "all events" gain tabulations.</b></li> <li>Added link to the 2003 10 GHz North Shore Expedition. Inserted photos from Jim Hermanek, KØKFC. Included link to Bruce (W9FZ)'s web page on the subject.</li> <li>Added link for 2003-2004 States and Provinces Above 50 MHz Interim Scores. <b>This link is not yet active.</b></li> <li>Added links for claimed scores on all ARRL VHF/UHF scores for 2004, 2003, and the missing ones for 2002 and 2001. <b>Some of the files pointed to by the links are not yet prepared.</b></li> <li>Updated Spring Sprint information to the 2004 calendar year, including dates, link to rules, link to log sheets, link to summary sheet, and mailing address for scores. These dates were also added to the monthly NLRs calendars, as noted above.</li> <li>Added link to January 2004 VHF Rover Plans similar to the one we did for the January 2003 contest. Re-arranged some files into sub-directories to keep this stuff straight, in case we do it some more in</li> </ul>

		<p>the future. So far, complete info from W9FZ and preliminary info from WØAMT only.</p> <ul style="list-style-type: none"> <li>• Added link on home page to the Contest Station Locator program so it would be easier to find. It was updated on 01/10/04 but not uploaded to the web site until now. Also included link to KMØT's VHF Helper.</li> <li>• Things yet to do as of 01/10/04 were removed from that list as accomplished, so what's still there is what is still undone...</li> </ul>
01/10/04	WØJT	<ul style="list-style-type: none"> <li>• Updated title on Club Officers to reflect the correct year.</li> <li>• Moved Aurora 2003 link on home page to the same format as prior years (removed the prominent yellow box announcing it).</li> <li>• Updated the monthly breakfast schedule on the home page.</li> <li>• Deleted year 2002 ARRL Contest Rules, added links to 2004 Rules. The only 2004 rules link that works is for the January 2004 VHF Contest, the others are not yet published on the ARRL web site. Also added the contest dates for 2004 in this area of the home page.</li> <li>• Added new column for year 2004 to the Contest Results table.</li> <li>• Updated some of the links to 2003 Contest results that have become available on the ARRL web site since my last update.</li> <li>• Updated the beacon page, after two kind beacon owners sent me an update via the web form.</li> <li>• Modified link to this editing log so that there is now a link to the Word (document) version and the PDF (Portable Document Format) version.</li> <li>• Added an alt tag to the main logo that mentions that more logos are accessible by clicking on it.</li> <li>• Tore out much hair over the number of things that still need fixing or creation, such as: <ul style="list-style-type: none"> <li>• Events calendars beyond 2004. The current system is a pain in the keester, and I want to convert to a PHP program that creates calendar pages on the fly, but I never seem to get around to it.</li> <li>• Still have not inserted some of the stuff from Aurora 2003!</li> <li>• Still need to insert the Antenna Gain results from 2003. Bob did give them to me, but. . .</li> <li>• Once I add the 2003 Antenna Gain results, I also need to insert them into the cumulative HTML page and XLS worksheet of all results.</li> <li>• I'd like to add better maps to the Old Country Buffet restaurants where the breakfasts are held.</li> <li>• I'd like to add a page with some photos from a few of the breakfasts, especially now that I have my own digital camera and can get the shots myself.</li> </ul> </li> <li>• The 10 GHz and Up Operating Locations page is in need of attention: updates, additions, deletions, etc.</li> <li>• Should probably ditch the 10 GHz WBFM links, or at least reconsider if the current links are still worth keeping.</li> <li>• States Above 50 MHz is in need of update. I'm thinking about a PHP program that would allow WØZQ to update the web page himself (if he so chose) without having to upload any files or have webmaster-like access (i.e., create a form that he can fill out and submit to update the page after verification of his identity).</li> <li>• The Claimed Scores and Published Scores need updating to include the 2003 calendar year, most of which is missing. I wanted to write PHP code to display contest results from a web database, building the display page on the fly, and have a corresponding form page for</li> </ul>

		<p>data entry, so I could quickly update the database as people post their scores. That never got done, and neither did the old-format pages.</p> <ul style="list-style-type: none"> <li>• Upper Midwest Contest Records have not been updated since 2000.</li> <li>• Band analyses of the 2002 contests could be repeated for 2003, at least for the contests whose score tools have been published on the ARRL web site.</li> <li>• I want to add a PHP-coded Grid Square / Lat-Long converter.</li> <li>• I want to add a PHP-coded coax loss calculator, similar to (but with some improvements on) the one published on the Times Microwave web site.</li> <li>• I'd like to convert the Contest Station Locator spreadsheet into a PHP-coded web page, and also into a stand-alone program in Visual Basic for the Windows platform. If I really get ambitious, also create a version for the Palm Pilot, although GL does an excellent job already for much of what my version would need.</li> <li>• Convert my Palm grid locator program to the latest version of NSBasic to get a significant speed-up, and probably simplify the user interface somewhat. See above for the blue-sky idea.</li> <li>• Add a PHP-coded page for designing Pi and T style attenuators. I already have an Excel spreadsheet for the purpose (not on the site).</li> <li>• Add a PHP-coded page for resistor color codes and the like.</li> </ul>
11/29/03	WØJT	<ul style="list-style-type: none"> <li>• Fixed broken links to the Palm Grid Locator program from either the "Webmaster's page" or the "10 GHz page".</li> <li>• Also fixed the Maidenhead Grid Square location for VE4MA. Exact coordinates not known to me, so I picked something close to the center of the sub-grid. Since "TopoZone" doesn't support locations outside of the USA, I created a special map for his location. Unfortunately, my Delorme software doesn't do very well with Canadian locations, either...</li> </ul>
04/29/03	WØJT	<ul style="list-style-type: none"> <li>• Added my own digital photos to the Aurora 2003 pages. No other photos received yet. Uploaded the new stuff to the web server (the stuff from two nights ago was never uploaded, I fell asleep in front of the PC before getting it sent!)</li> </ul>
04/27/03	WØJT	<ul style="list-style-type: none"> <li>• Added pages for each of the links on the Aurora 2003 page. Some are barely more than placeholders at this point, pending the reception of digital pictures from some of the other conference participants.</li> <li>• Inserted PowerPoint slides for all presenters except NØHZ, who brought his file only on his laptop's hard drive, not on a removable medium. We also didn't have time to try an Ethernet transfer.</li> </ul>
04/21/03	WØJT	<ul style="list-style-type: none"> <li>• Added a missing score in the January VHF Sweepstakes tabulation.</li> <li>• Updated the Claimed Scores Excel spreadsheet also.</li> <li>• Temporarily changed the pointer on the home page to the edit log to point to the DOC file, not the PDF file, since my PDF writer was lost in the hard drive crash and I'm not sure I can find it again.</li> </ul>
04/13/03	WØJT	<ul style="list-style-type: none"> <li>• Added PDF version of the Aurora Registration form, as requested.</li> <li>• Added "powered by PHP" logos from the PHP web site to a couple of files that use PHP on our web site, just to make them pretty.</li> </ul>
04/10/03	WØJT	<ul style="list-style-type: none"> <li>• Corrected operating category for KØSHF in the January 2003 VHF SS.</li> <li>• Finished summary statistics in the 2002-ARRL-ContestData.xls spreadsheet.</li> <li>• Finished analysis of band usage for all 2002 ARRL contests and placed that into a spreadsheet AnalysisOf_2002-ARRL-ContestData.xls, and used that to finish the</li> </ul>

		<p>band analysis HTML pages for August, September, and the whole year combined. Added links to the spreadsheet and to the whole-year HTML file. Also created a spreadsheet (not linked on the web site) called “!DoAnalysisOf_2002-ARRL-ContestData.xls” which has hot links to the raw data file. Unfortunately, if the user clicked on a link to this file, having only that file loaded into Excel caused all of the cells to show up as unknown values. This file is used to do the analysis, and then page by page, the tables are saved “as values” in the file that is linked on the web site. The “!DoAnalysis...” file makes it simple to do the analysis for subsequent years, since the file names and cell ranges that are tabulated are stored as cell values, and can easily be changed for subsequent years’ analyses.</p> <ul style="list-style-type: none"> <li>• Updated the running scores for the “States (and Provinces) Above 50 MHz Contest” sponsored by the Central States VHF Society, for the Upper Midwest, as posted by Jon Platt, on the NLRs mail reflector (both the HTML summary and the Excel spreadsheet).</li> <li>• Added link to Aurora 2000 pictures (and a request for users to submit such pictures – we currently have none).</li> <li>• Fixed stale link to Ramsey Electronics FR-10 receiver (for 10 GHz WBFM use).</li> <li>• Removed link to ARRL web site for “Logs Submitted” to the January VHF Sweepstakes, since it no longer works.</li> <li>• Reviewed all other off-page links to insure they were current (some weren’t).</li> </ul>
04/09/03	WØJT	<ul style="list-style-type: none"> <li>• Added 222 net to the description of weekly nets.</li> <li>• Added 222 net to the calendar pages from April through December of 2003, starting with 04/13/03.</li> <li>• Added Spring Sprints to April and May 2003 calendar pages.</li> <li>• Updated link to Spring Sprints to point to the 2003 rules.</li> <li>• Updated table of Spring Sprints to show the dates for 2003.</li> <li>• Added emphasis to the Aurora 2003 link on the home page.</li> <li>• Added January 2003 VHF Sweepstakes Claimed Scores.</li> <li>• Added August 2002, September 2002, and 2002 10 GHz and Up detailed data from ARRL to the Excel spreadsheet, and renamed the new file to 2000-ARRL-ContestData.xls – in the process, fixed a problem with the inability to “freeze panes” on one page. Some of the analysis is not quite complete, but all of the raw data are there now.</li> <li>• Updated the home page to link to the new spreadsheet instead of the old one.</li> </ul>
03/31/03	WØJT	<ul style="list-style-type: none"> <li>• Changed behavior when user clicks on the logo on home page. Instead of just bringing up a larger version, it brings up a table of various versions of the logo, so that the user can pick the one(s) they wish to view or download.</li> <li>• Changed home page to include link to new Aurora 2003 info.</li> <li>• Started the Aurora 2003 page. Pre-conference information (including copies of the flyer and registration form), maps, etc. were added. Spent a fair bit of time creating a series of maps using TopoUSA 4.0 and building pages that allow one to zoom in and out by selecting the proper map in the series.</li> </ul>
03/13/03	WØJT	<ul style="list-style-type: none"> <li>• Moved some contesting content from the old tcrc.org web site to the new nlr.org web site, since the new tcrc web site software caused the contesting pages to become inaccessible.</li> <li>• Updated files minimally, to fix links that used to point to tcrc.org and</li> </ul>

		<p>now point to nlr.org instead.</p> <ul style="list-style-type: none"> <li>Put links to GL and GridLoc onto the “webmaster’s page” in addition to their presence in the 10 GHz and up page.</li> </ul>
02/28/03	WØJT	<ul style="list-style-type: none"> <li>Updated club logo on home page with the revised version that has the antennas pointed in the same direction.</li> <li>Click on the logo on the home page (300x300 pixels, moderately highly compressed JPEG file) and get the BIG version (1200x1200 pixels, no compression JPEG file).</li> </ul>
02/04/03	WØJT	<ul style="list-style-type: none"> <li>Updated links to ARRL Contest Results, to include the September VHF Contest and the 10 GHz and Up Cumulative Contest, and to fix the links to PDF files that were moved out of the “Members Only” area of the ARRL web site.</li> <li>Added column to the ARRL results table for the year 2003.</li> <li>Removed the year from the anchors in the table for the PDF files, i.e. changed “1999 PDF” to simply “PDF”, to make the table a bit narrower.</li> <li>Cut the Band Activity Analysis tables from the home page to separate pages per contest, linked to the home page. January and June are done, August and September are planned (and already linked to placeholders).</li> <li>Cleaned up the wording on the Club Score Submission stuff to get the current status of the definition of “active member” (i.e. to remove the clause about having attended two meetings per year).</li> <li>Removed the Club Logo Contest stuff from the home page.</li> <li>Put in the tentative date for Aurora 2003 on the home page.</li> <li>Updated February, April, and July 2003 calendar pages.</li> <li>Moved the Rover Plans information to separate page, linked to the home page, and adjusted the description of the link accordingly.</li> </ul>
01/20/03	WØJT	<ul style="list-style-type: none"> <li>Added link for January 2003 VHF SS Claimed Results and temporary holding page. The plan is to build the claimed score page dynamically in PHP using a MySQL database to hold the scores and a web form for entering the data. Will consider letting folks enter their own data also.</li> <li>Added pages for submitting claimed scores, checking calculations, and emailing them to the webmasters.</li> </ul>
01/18/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS to scratch the WØJT team.</li> </ul>
01/16/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS with new information for W9FZ and KCØOIA.</li> <li>Updated maps of nearby 30 grids to remove illegible map scales on the small and medium versions, and to fix the map scale on the large version (the scale originally shown was about 2.3x off!)</li> </ul>
01/15/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS with new information for KØPG/K9ILT.</li> </ul>
01/14/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS with new information, including a new station (WØIS/KCØOIA).</li> </ul>
01/13/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS with new information.</li> </ul>
01/08/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS with new information, including a new station (KØPG/K9ILT).</li> </ul>
01/07/03	WØJT	<ul style="list-style-type: none"> <li>Updated info for the Rover Schedules for January VHF SS.</li> </ul>
01/06/03	WØJT	<ul style="list-style-type: none"> <li>Enhanced the Rover Schedule information for January VHF SS.</li> </ul>
01/02/03	WØJT	<ul style="list-style-type: none"> <li>Updated “States Above 50 MHz” Competition Scores.</li> </ul>

		<ul style="list-style-type: none"> <li>• Added Rover Schedules for the January 2003 VHF Sweepstakes.</li> </ul>
12/19/02	WØJT	<ul style="list-style-type: none"> <li>• Updated beacon list information.</li> <li>• Changed background colors on beacon list page.</li> <li>• Changed the beacon list update submission form code to ask for submitter's email address and use that on the message sent to the webmaster for a return address, instead of {callsign}@nlrs.org as before. (Required changes to BeaconList.htm and SendBeaconUpdate.php files.)</li> </ul>
12/18/02	WØJT	<ul style="list-style-type: none"> <li>• Added new breakfast schedule for the year 2003 to the main page.</li> <li>• Activated calendar pages for the remainder (Feb-Dec) of 2003.</li> <li>• Updated links to ARRL contest results, adding in the August UHF contest. Still waiting for ARRL to publish the September VHF and the 10 GHz &amp; Up Cumulative Contest results.</li> <li>• Fixed language on the completed Logo Contest description.</li> <li>• Added links to the 2003 rules (only January VHF contest available so far), and the dates of the major ARRL VHF/UHF contests for 2003.</li> <li>• Replaced photo of the Northern Lights by John Russell with the new club logo at the top of the home page. But kept a link to the original photo and to John's web site of other beautiful photos.</li> <li>• Updated standings in the States (and Provinces) Above 50 MHz contest.</li> </ul>
12/04/02	WØJT	<ul style="list-style-type: none"> <li>• Added June VHF "Web Report" link to ARRL members-only site.</li> <li>• Changed Edit Log to PDF format.</li> </ul>
11/26/02	WØJT	<ul style="list-style-type: none"> <li>• Updated contest results section with links to the newly-available files from the ARRL web site, and did band analysis of the June VHF contest similar to the January VHF Sweepstakes.</li> </ul>
11/24/02	WØJT	<ul style="list-style-type: none"> <li>• Put "real" Logo Contest Winner page into place this morning, once the official tally was complete.</li> </ul>
11/23/02	WØJT	<ul style="list-style-type: none"> <li>• Removed more occurrences of vulnerable email links and replaced them with links to the "send mail to webmasters" form page.</li> <li>• Modified Logo Contest page to have a placeholder for viewing the winning entry, and made a dummy "And the Winner is..." page.</li> <li>• Improved descriptive text for the ARRL Contest Results section.</li> <li>• Added links to the "Soapbox" for all listed calendar year 2002 contests, since those are all available now on the ARRL site, even though the only results are for the January contest.</li> <li>• Clarified the discussion of downloadable formats for ARRL contest results.</li> <li>• Added short discussion of the band breakdown table for the January VHF Contest results nationwide.</li> </ul>
11/04/02	WØJT	<ul style="list-style-type: none"> <li>• Updated link to January VHF Contest scores on the ARRL web site, away from the members-only section to the open section.</li> <li>• Combined the pre-2002 with the post-2001 score results tables into one master table.</li> <li>• Added link in the contest results table to the Soapbox, so that starting in the year 2002, there are 4 links per table cell: PDF, Web Report, Soapbox, and Score Tool.</li> <li>• Broke some cell contents into multiple lines, to keep the contest results link table width under control.</li> <li>• Added link under the table of club officers to a page that allows the web site visitor to compose and send email to any of them, without exposing their email addresses to the outside world.</li> </ul>
10/25/02	WØJT	<ul style="list-style-type: none"> <li>• Updated Logo Contest balloting pages.</li> </ul>

		<ul style="list-style-type: none"> <li>• Added table of Club Officers to top of Home Page.</li> </ul>
10/20/02	WØJT	<ul style="list-style-type: none"> <li>• Added Antenna Gain Measurements table</li> <li>• Updated "AllResults.xls" file with all antenna gain results, but the corresponding HTML file is not quite ready (since I'm building the tables by hand these days, due to the horrid HTML output of Excel 2000).</li> <li>• Updated home page to add links to new antenna gain results.</li> <li>• Fixed broken link from the 10 GHz Picnic 2002 page to the 10 GHz North Shore Expedition (no one ever complained that it didn't work!), and added a link to the new antenna gain results page.</li> <li>• Removed KOSHF and WØJT email links from home page, and substituted links to an external PHP form-based page, to help foil the spammers.</li> </ul>
10/16/02	WØJT	<ul style="list-style-type: none"> <li>• Removed KOMHC's email address links from the front page and from the beacon list page due to spam concerns.</li> <li>• Changed beacon list page to include a form that can be submitted with info updates, which generates a formatted email message to WØJT with the new or updated information. No visible or searchable email links are present with this solution, so the spammers can't find an address to harvest this way.</li> </ul>
10/14/02	WØJT	<ul style="list-style-type: none"> <li>• Fixed an address error on the Logo Contest ballot.</li> <li>• Added another score to the September VHF Contest table.</li> </ul>
10/13/02	WØJT	<ul style="list-style-type: none"> <li>• Added 50 MHz Fall Sprint to the October 2002 Calendar of Events.</li> </ul>
10/12/02	WØJT	<ul style="list-style-type: none"> <li>• Internal edits for NLRs Logo Contest balloting – no visible external references or public access points.</li> </ul>
10/10/02	WØJT	<ul style="list-style-type: none"> <li>• Added deadlines for log submissions (Sept VHF and 10 GHz Contests) to the October calendar.</li> </ul>
10/09/02	WØJT	<ul style="list-style-type: none"> <li>• Updated September 2002 VHF contest scores and 10 GHz Cumulative Contest Scores.</li> </ul>
10/08/02	WØJT	<ul style="list-style-type: none"> <li>• Updated September 2002 VHF contest scores.</li> </ul>
10/03/02	WØJT	<ul style="list-style-type: none"> <li>• Updated the States Above 50 MHz listings with new data.</li> <li>• Added final submission to the NLRs Logo Contest and updated the contest description page to past tense.</li> <li>• Added pictures from the North Shore 10 GHz Expedition for 2002, and created page to display them.</li> <li>• Added pictures from the Antenna Testing / 10 GHz Tuneup / Picnic event for 2002, and created page to display them.</li> <li>• Added links to the two new pages to the main home page.</li> </ul>
09/29/02	WØJT	<ul style="list-style-type: none"> <li>• Added more scores and filled in some missing data in the 10 GHz and Up Cumulative Contest page and on the September VHF Sweepstakes page.</li> </ul>
09/28/02	WØJT	<ul style="list-style-type: none"> <li>• Added links on home page to the September VHF and 10 GHz and Above Cumulative contest scores pages.</li> <li>• Updated all contest score pages for 2001 and 2002 to enhance consistency and remove MSIE-specific features whenever possible.</li> <li>• Added contest score pages for September VHF and 10 GHz contests.</li> <li>• Updated the States Above 50 MHz page for 2002-2003 manually, since the output of Excel 2000 was unacceptable when viewed with Netscape and the source was too horrible to edit manually.</li> <li>• Added calendars for January through March 2002, and January 2003.</li> <li>• Updated all calendar pages for consistency.</li> </ul>
09/12/2002	WØJT	<ul style="list-style-type: none"> <li>• Added 7 submissions for the NLRs Logo Contest. Originals were too large for the web page, so thumbnails were made for the main</li> </ul>

		page with links to the full original.
09/08/2002	WØJT	<ul style="list-style-type: none"> <li>Updated the 10 GHz page extensively, with corrections and with the addition of Duluth/Lake Superior sites.</li> </ul>
09/07/2002	WØJT	<ul style="list-style-type: none"> <li>Updated several of the 10 GHz locations in Southeast MN.</li> <li>Added link to Excel Spreadsheet of 10 GHz location information, which will be used to populate the MySQL database that will be accessed by the future PHP version of the web page.</li> <li>Fixed links to NLRS breakfast locations broken by a change at the Old Country Buffet web site.</li> <li>Changed most references from KBØZEV to WØJT.</li> </ul>
08/25/2002	KBØZEV	<ul style="list-style-type: none"> <li>Updated the Band Breakdown of the January 2002 VHF Sweepstakes on the home page with corrected ARRL data.</li> <li>Updated the States (and Provinces) Above 50 MHz files.</li> <li>Added HandiHams Camp event to the August and September calendars.</li> </ul>
08/18/2002	KBØZEV	<ul style="list-style-type: none"> <li>Updated the 10 GHz Operating Location page with corrections, additional data, maps for every site with full coordinates, and links to other sites and useful files.</li> <li>Later in the day, added Donn's GL location list files (with some changes made to them) to the web server, and added links and instructions to download them to your PC and thence to your Palm device.</li> </ul>
08/15/2002	KBØZEV	<ul style="list-style-type: none"> <li>Uploaded the files prepared last night.</li> <li>Updated the 10 GHz Operating Location table with corrections and additions from the NLRS mail reflector.</li> </ul>
08/14/2002	KBØZEV	<ul style="list-style-type: none"> <li>Added 10 GHz Operating Location table and linked it to the home page.</li> <li>Moved 10 GHz homebrew and manufacturer links from KBØZEV links of interest page to home page.</li> <li>Added new quick navigation link to new section on 10 GHz operating.</li> <li>Downloaded new ARRL data table for the January 2002 VHF SS, to fix their original errors with 75 GHz vs. Light QSO's. Mostly converted to Excel, must still extract band activity stats for the home page.</li> <li>Went to bed without uploading most of this stuff to the web server.</li> </ul>
08/11/2002	KBØZEV	<ul style="list-style-type: none"> <li>Finished editing and thumbnailing the CSVHFS Conference photos from KØSDH.</li> <li>Finished html page to display the CSVHFS Conference photos.</li> <li>Fixed home page link to CSVHFS Conference photos.</li> <li>Added July standings in the 2002-2003 States Above 50 MHz Competition.</li> </ul>
08/06/2002	KBØZEV	<ul style="list-style-type: none"> <li>Re-arranged links for 10 GHz Gatherings to make it easier to find the 2001 stuff relative to the earlier years.</li> <li>Changed references to CSVHFS Conference to past tense.</li> <li>Updated unofficial "interim standings" in the 2001-2002 States Above 50 MHz Contest from most recent postings by WØZQ.</li> <li>Added Claimed Scores for the June 2002 VHF QSO Party, though very few folks submitted information.</li> <li>Added Claimed Scores for the August 2002 UHF Contest, even though only a few scores have come through the email reflector so far.</li> <li>Fixed calculation error in the August 2002 page of the contest score spreadsheet found with the help of WØZQ.</li> </ul>

		<ul style="list-style-type: none"> <li>• Fixed broken links to ARRL web site for VHF contest rules. They moved a bunch of files around.</li> <li>• Added links to Cabrillo File Format for log submissions.</li> <li>• Added mention of the error in the 75 GHz vs. Light tabulations on the ARRL January 2002 VHF SS dataset.</li> </ul>
07/09/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated the “States Above 50 MHz” Interim Standings table with new data from Jon, WØZQ.</li> </ul>
07/03/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated the “States Above 50 MHz” Interim Standings table with new data from Jon, WØZQ.</li> <li>• Added home-page reference to Logo Contest, and inserted a link in the navigation link table to it. Created Logo Contest page with rules and a placeholder table for submissions, and linked it to the home page.</li> </ul>
06/30/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added column for the year 2002 to the ARRL Contest Results table, and inserted link to January 2002 VHF Sweepstakes.</li> <li>• Updates URL’s for September 2001 VHF QSO Party and the 10 GHz and Up Cumulative Contest results (moved from Members Only to general access area of the ARRL web site.)</li> <li>• Added table of links to new Web Report of contest scores, and the scoring tool, on the ARRL web site, starting with the January 2002 VHF Sweepstakes.</li> <li>• Added detailed breakdown spreadsheet for the January 2002 VHF SS for the entire country.</li> <li>• Added table derived from the spreadsheet for the band-specific activity in the January 2002 VHF SS.</li> <li>• Linked in photos from Aurora 2002 meeting, after cropping and creating thumbnails for many.</li> <li>• Added in other handout material available from Aurora 2002 lectures.</li> <li>• Updated “States Above 50 MHz” tables.</li> </ul>
06/03/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Fixed error introduced into the updated Membership Roster page on May 12. Arrgh!</li> </ul>
06/02/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added Antenna Gain results from Aurora 2002.</li> <li>• Added Aurora 2002 results to the “All Results” antenna gain page.</li> <li>• Simplified main page reference to Aurora 2002 to include only a single link to all the other pages, plus a link to the antenna results.</li> <li>• Updated the “BlankWorksheet.xls” file and added a link to it on the main web page.</li> <li>• Removed the “Under Construction” logo from KMØT’s presentations page.</li> </ul>
05/13/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Installed VE4MA’s Power Point presentation and updated web page that calls it from the Aurora 2002 page.</li> </ul>
05/12/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Changed NLRs Membership Roster to make it even more immune to “spiders” looking for email addresses to spam.</li> <li>• Changed front page link to NØHJZ for the same reason (and in the same manner).</li> <li>• Clarified dues statement in accord with new bylaws.</li> <li>• Moved Club Bylaws link to the top of the page and demoted it from a major heading item.</li> <li>• Re-arranged top of the page so that the link table comes right after the opening picture, and added links to an “introduction” section that includes the former opening paragraph, plus “dues” and “constitution &amp; bylaws” sections with links to these internal anchors.</li> <li>• Changed references to “proposed bylaws changes” to “recent bylaws</li> </ul>

		<p>changes” throughout.</p> <ul style="list-style-type: none"> <li>• Added boldface to part of the Aurora tag in the quick-nav tree.</li> <li>• Reworded club membership stuff under Club Meetings paragraph to reflect recent bylaws change.</li> <li>• Updated numerous references to Aurora 2002 to past tense.</li> <li>• Added link to Aurora 2002 meeting text and pictures.</li> <li>• Built one sub-page for each major topic on Aurora 2002, though none of them are absolutely complete yet, and most of them are quite sparse.</li> <li>• Reworded description of the 2001 10 GHz and Up page, since extra help with the captions doesn’t seem to be coming. Moved the page link to an “unordered list item” like most of the other picture pages. Edited both pages (thumbnailed version and large-picture version) to omit reference to “being under construction” since I haven’t gotten any more data in many months.</li> <li>• Minor edits to the NLRs Mail Reflector section, to make it easier to see the links to various tools and options, etc.</li> <li>• Added specific date information on the CSVHFS Conference, and added a new link to their Conference announcement web page.</li> <li>• Edited the “bylaws change” page to reflect that the changes were made, no longer proposed, and modified the membership eligibility text to what was actually approved.</li> <li>• Incorporated changes into current Constitution &amp; Bylaws documents, both the Word version and the HTML version.</li> <li>• Things still to do: <ul style="list-style-type: none"> <li>❖ Finish the individual Aurora 2002 text and picture pages!</li> <li>❖ Get Antenna Test Results from Aurora 2002 and add them.</li> <li>❖ Update the States Above 50 MHz listing with April or May data.</li> <li>❖ Upload everything (if it will fit) to the web server. Mainly waiting to upload the Aurora 2002 pictures, plus updates to the incomplete Au2002 pages that will reference them.</li> </ul> </li> </ul>
04/07/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Clarified which calendar links are live and which are placeholders for future use by adding a new “NoLink” icon.</li> <li>• Expanded calendar table to the year 2004, though no actual calendars exist beyond December 2002 yet.</li> </ul>
04/06/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added link to ETDXA (sponsor of Spring Sprints, with rules).</li> <li>• Added link to Calendar of Events and inserted in the Quick Navigation Index.</li> <li>• Added calendars for April 2002 through December 2002.</li> <li>• Added Aurora 2002 Flyer and Registration Forms.</li> <li>• Fixed link to August 2001 UHF Contest Results (file was moved out of the Members-Only Area of ARRL web site)</li> <li>• Fixed WØOHU’s home location in the Membership Log</li> </ul>
03/31/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added link to DUBUS web site.</li> <li>• Clarified Sprint Sprint start/end time information.</li> </ul>
03/30/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added Spring Sprints to web page Contest section</li> <li>• Added Quick Navigation Links to the top of the home page so people can find sub-sections more quickly.</li> <li>• Added horizontal bar visual separators in more places, to match the overall page structure.</li> <li>• Cleaned up some punctuation and grammar, made link icons all the same size, and other trivial housekeeping chores.</li> <li>• Updated States Above 50 MHz with Jon’s March 2002 data.</li> <li>• Cleaned up the page for the 2001 10 GHz and Up Event a little bit.</li> </ul>

03/21/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added tentative Aurora 2002 schedule of events.</li> <li>• Added map to Aurora 2002 location.</li> </ul>
03/18/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated Aurora 2002 information.</li> </ul>
03/16/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Fixed an error I had accidentally introduced into the beacon list.</li> </ul>
03/15/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated beacon list.</li> </ul>
03/13/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated beacon list with new data from several NLRS folks and an update from KØMHC in particular.</li> </ul>
03/11/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated January 2002 VHF SS scores from data provided by Rich (NØHJZ). and removed the bands that had zero QSO's and zero grids (above 24 GHz).</li> <li>• Overhauled club roster page from data provided by Rich (NØHJZ).</li> <li>• Updated "States Above 50 MHz" status from data provided by Jon (WØZQ).</li> <li>• First attempt to add a Beacon List from data provided by KØMHC.</li> </ul>
02/18/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Update to January 2002 VHF SS scores (NAØIA/R added).</li> </ul>
02/17/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Update to January 2002 VHF SS scores (KMØT adjusted).</li> </ul>
02/16/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added information on proposed bylaws change, including front page link, separate html web page, service area maps (two: simple and detailed), and Donn's Word document with annotated changes.</li> <li>• Added links to 10 GHz technical page from March 2002 QST.</li> <li>• Added full constitution and bylaws to both the main page and to the proposed bylaws change pages, as Word document from Donn and as an HTML version that was patched up from Word's html output (which was pretty bad).</li> <li>• Added Word and IE icons for doc and html file links.</li> <li>• Used new icons to clarify the two antenna results links.</li> <li>• Reformatted contest results table slightly, and added link to full ARRL contest results page in case any of my links go stale before I know about it.</li> </ul>
02/14/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added link to 1998 10 GHz and Up Contest report after ARRL added the file to their web site. Now the ARRL contest results table has no gaps in it.</li> </ul>
02/09/2002	KBØZEV	<ul style="list-style-type: none"> <li>• More updates to January 2002 VHF SS Scores added.</li> <li>• Put borders on some tables for easier reading.</li> <li>• Added info on accessing NLRS reflector archives.</li> <li>• Added table of links to ARRL contest results PDF files.</li> <li>• Added link to ARRL article on revision of club rules.</li> <li>• Added link to 2001 10 GHz Contest Gatherings.</li> <li>• Added link to my new links page, and created a very preliminary version of it.</li> </ul>
02/07/2002	KBØZEV	<ul style="list-style-type: none"> <li>• More updates to January 2002 VHF SS Scores added.</li> </ul>
02/06/2002	KBØZEV	<ul style="list-style-type: none"> <li>• More updates to January 2002 VHF SS Scores added.</li> </ul>
02/02/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Fixed omission on 2001 10 GHz and Up Cumulative Contest scores page.</li> </ul>
02/01/2002	KBØZEV	<ul style="list-style-type: none"> <li>• More updates to January 2002 VHF SS Scores added.</li> </ul>
01/29/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added 2001 10 GHz and Up Cumulative Contest scores.</li> <li>• More updates to January 2002 VHF SS Scores added.</li> </ul>
01/28/2002	KBØZEV	<ul style="list-style-type: none"> <li>• More updates to January 2002 VHF SS Scores added.</li> </ul>
01/26/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added instructions for sending plain text mail through the NLRS mail reflector for folks whose messages are being rejected.</li> <li>• More score updates for the January 2002 VHF SS.</li> <li>• Added information on membership dues and whom to pay.</li> </ul>

		<ul style="list-style-type: none"> <li>• Added preliminary versions of pages to display the 10 GHz and Up Cumulative Contest activities for Lenny to review.</li> <li>• Re-arranged contest results links on main page, so that the Excel versions are below all the regular (html) links.</li> <li>• Updated 2000 10 GHz and Up contest results from ARRL web site. Checked to see, and 2001 results are still not up there, probably for another 2-4 weeks.</li> <li>• Added more pages to the contest spreadsheet for eventual re-building of 2000 and 2001 contest results. The single Excel spreadsheet now has worksheets (many of them essentially empty except for formatting and formulas) for Jan, Jun, Aug, Sep, and 10GHz from year 2000 to year 2003. If Paul cannot provide XLS files for 2000 or any files for 2001, these worksheet pages will be populated manually.</li> <li>• Changed titles on States Above 40 MHz to read "Upper Midwest" instead of "NLRS Land".</li> <li>• Updated 2001-2002 States Above 50 MHz standings.</li> </ul>
01/23/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added more January 2002 VHF Sweepstakes (VHF SS) scores.</li> <li>• Added operator classes to the configuration table in the score spreadsheet.</li> <li>• Sorted January VHF SS scores first by operator class, then by score.</li> <li>• Added row to the contest score table for totals.</li> <li>• Changed title from "NLRS Members" to "Upper Midwest" in several places in the January 2002 VHF SS results, since some of the submissions were not from NLRS members.</li> <li>• Changed highlighting and grouping so that the scores are shaded and grouped with the all-band QSO and Grid counts.</li> <li>• Fixed operator class for KBØCIM.</li> </ul>
01/22/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added more January 2002 VHF Sweepstakes scores.</li> </ul>
01/21/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added Claimed Scores for January 2002 VHF Sweepstakes.</li> <li>• Added links to ARRL Contest Rules with 2002 contest dates.</li> <li>• Added XL icon to the two spreadsheet files.</li> <li>• Removed borders around pictures.</li> <li>• Inserted some vertical spacing in several bulleted lists to group related sub-list items together.</li> <li>• Clarified link to ARRL Club Competition rules.</li> <li>• Fixed antenna gain caption to read 1998-2001, and moved Excel link to a simple icon at the end of the line instead of another bulleted item.</li> </ul>
01/15/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Created new, improved "nlrs.htm" file for Paul to put at the old site and Ed to put at the NLRS.ORG site. This version automatically redirects the user to the new page after 6 seconds.</li> <li>• Uploaded zipped copy of nlrs.htm as nlrs.zip, to protect it from the addition of the disclaimer notice, in case Ed or Paul wants to download it from here.</li> <li>• Use the <b>&lt;META NAME="keywords" CONTENT="keyword1 keyword2 ..."&gt;</b> command instead of putting the keywords into comments for search engines to find.</li> </ul>
01/13/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added comments at the bottom of the home page to try to make the page more visible to bots that index the web.</li> <li>• Created a redirection page (nlrs.htm) for Paul to put at the old site.</li> </ul>
01/12/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Put tentative date of 04/27/2002 for Aurora 2002 on the home page.</li> <li>• Cleaned up the parent page (my home page) with respect to the</li> </ul>

		<p>NLRS home page.</p> <ul style="list-style-type: none"> <li>• Uploaded the year 2001 10 GHz contest pictures, but no links to them yet.</li> </ul>
01/08/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Made thumbnails of Aurora 2001 pictures, and made a new page that loads the thumbnails instead of the full-size pictures. Each thumbnail can be clicked on to bring up the corresponding full-size photo.</li> <li>• Added links to the two Old Country Buffet restaurants from the descriptions of the breakfast locations.</li> <li>• Added link for sending mail to the NLRS mail reflector.</li> <li>• Fixed broken link for North East Weak Signal Group.</li> </ul>
01/07/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Added aurora picture to the home page after securing owner's permission.</li> <li>• Added page for viewing the picture with a black background for maximum beauty. Get to this page by clicking on the picture on the home page.</li> <li>• Changed html code of page title from <code>&lt;h1&gt;&lt;/h1&gt;</code> to use of <code>&lt;FONT SIZE=...&gt;</code> to get finer control over vertical spacing.</li> <li>• Deleted "temporary mirror site for testing web page development" disclaimer line.</li> </ul>
01/06/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Removed 4/2/2002 tentative date for Aurora 2002, after it was pointed out to me that this is a Tuesday. Doh!</li> <li>• Added "blank" pages to the Antenna Gain worksheet for the next two events, Aurora 2002 and Microwave Gathering 2002.</li> <li>• Added attribution for Aurora 2001 pictures.</li> </ul>
01/05/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Updated formatting of membership email list, and fixed N0SUO's address.</li> <li>• Added link to ARRL club competition rules and clarified the rule on meeting attendance.</li> <li>• Added pictures from Aurora 2001.</li> <li>• Fixed html file for Aurora 2001 pictures (case sensitive file names on the host machine, not on my machine!)</li> <li>• Created Aurora 2001 antenna measurement results table.</li> <li>• Updated "All Antenna Gain Results" table to include Aurora 2001 data.</li> <li>• Fixed formatting of headings and footings of all antenna gain tables.</li> <li>• Fixed broken link from Microwave Gathering 1999 pictures to the corresponding antenna gain results table.</li> <li>• Fixed formatting of headings on States Above 50 MHz contest results.</li> <li>• Fixed heading sizes on titles within index.htm for Reflector and Weekly Nets for consistency with other heading sizes.</li> <li>• Updated information on mail reflector to match new mail software</li> <li>• Fixed formatting of table of Badger Contesters net</li> </ul>
01/02/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Removed KBØOBT's email address at his request.</li> <li>• Created this change log and linked it to "last updated" date on the home page.</li> </ul>
01/01/2002	KBØZEV	<ul style="list-style-type: none"> <li>• Inserted explanatory paragraph about ARRL's requirements for attendance at membership meetings.</li> <li>• Changed Aurora 2001 link to simple heading, added link to flyer of that event with the other Aurora links.</li> <li>• Added tentative date for Aurora 2002.</li> <li>• Added missing pictures of the 10 GHz gathering from 1998.</li> <li>• Changed weekly nets information to table format so that columns line up.</li> </ul>

		<ul style="list-style-type: none"> <li>• Updated net controller information (two had changed).</li> <li>• Created table of current standings in States Above 50 MHz for 2001-2002 from NLRS reflector postings.</li> <li>• Re-created table of final standings in States Above 50 MHz for 2000-2001 from the CSVHFS web page, replacing Paul's table.</li> <li>• Stored all States Above data in new Excel spreadsheet, and stored that file on the web server together with the html pages.</li> <li>• Updated "Technical Links" to go to Bud's web page, and deleted Paul's file that held an older list of links.</li> <li>• Added sub-title specifying the home page as a temporary mirror for web development and testing.</li> <li>• Cleaned up pages that had accumulated double copies of the U of MN disclaimer at the bottom.</li> </ul>
12/29/2001	KBØZEV	<ul style="list-style-type: none"> <li>• Copied pages from Paul's host site.</li> <li>• Re-organized the files into sub-directories, and renamed some files to make maintenance easier.</li> <li>• Re-sorted Aurora antenna-measurement links below event picture links.</li> <li>• Re-created Aurora antenna-measurement tables from scratch with Excel, changed column heading format, added shading to distinguish bands, and edited html output to remove extraneous grid lines.</li> <li>• Inserted brief description of the 10 GHz gatherings.</li> <li>• Made captions on microwave antenna testing links consistent.</li> <li>• Re-created microwave antenna-measurement tables from scratch with Excel, changed column heading format, added shading to distinguish bands, and edited html output to remove extraneous grid lines.</li> <li>• Created new consolidated antenna-measurement table from all of the other tables. Store Excel spreadsheet plus the resultant html document on the web server together.</li> <li>• Changed breakfast schedule to table format so the columns line up horizontally.</li> <li>• Added disclaimer about NLRS reflector signup (new method is coming soon).</li> <li>• Updated Central States VHF Society Conference information to 2002 instead of 2001.</li> <li>• Added link to ARRL contest web page in the introduction to Contest activity.</li> <li>• Added link (dead-end, at this point) to the 2001-2002 States Above 50 MHz contest scores.</li> <li>• Changed "My Comprehensive Index" and "My Favorite Propagation Links" to "Paul's Comprehensive Index" and "Paul's Favorite Propagation Links"</li> <li>• Send Comments to: changed from WØUC to KØSHF and KBØZEV</li> </ul>