

LLANDAFF & MONMOUTH DACBR

Association Management Committee Meeting: 5th December 2016

Webmaster's Report

Hosting

Hosting is working well and there have been no recent issues that I'm aware of. As before, the hosting company continues to sit at the top of the [UK speed rankings](#) which is reflected in the day-to-day performance of the website and the Website is "served" to the viewer "as is" with no page-caching. During the Easter holidays the website was moved to a new server running a more current (and secure) version of PHP and MySQL, meaning that more modern and quicker coding can be used in future.

Website

At the time of writing, the Website's content is up-to-date, all articles and news, etc, have been added or updated as appropriate.

I have removed the downloadable (.ics file) version of the calendar as it is now available for "subscription" with live, automatic updates. So far as I'm aware (from using the functionality myself on all my electronic calendars) this seems to be working as it should be. A direct link to the recommended subscription settings is available on the website's homepage.

The website's software is up to date and all security systems are functioning. I have in the past few months extended the basic coding to include functionality to monitor and repair any inconsistencies with user-permissions and repair/remove unused or redundant access controls which may arise from updates, etc.

I am in the process of adding functionality and templates to allow selected Monmouth Branch Officers to add content by way of archive material on a tower-by-tower basis. It's not ready to go live at the time of writing this report but it might be by the time of the Meeting.

I continue to keep a log of the above and other updates in the Forums here:

<http://www.llanmon.org.uk/forum/website-news>

As always, I'm very happy to be advised of things that appear to be amiss or to answer queries about the site, and aim to provide a timely response and solution. Please report issues either [by email](#), by comment in the Facebook Group or by posts in the Forums here:

<http://www.llanmon.org.uk/forum/website-feedback>

Security

There is nothing of significance to report here other than to say that the site's security software is up to date and the server environment remains secure. The software logs any malicious attempts to access the site or post content by nefarious means and activity on this front is currently at a low level. This is because the Website's administration area is hidden from public view by a plug-in which masks its URL and my "Super User" Webmaster's access is further secured by "Two Factor Authentication" care of Google Authenticator. This means that, in addition to the web-location of the Admin area and my password, anyone trying to access the Website's "back end" would need to have

simultaneous access to one of either my iPhone, my iMac or my Windows laptop, each of which has a different password.

Backups of the website, including the database, continue to be taken at least once per week (and usually more often when changes/updates are made) and I use the backups to keep an offline version of the website available on my PC for testing purposes.

Webserver Usage

At the time of writing the webspace usage is 389.1MB, which is a fewMB less than than in the last report. The size of additional files such as images, etc has been offset by a couple of slightly smaller Newsletters and my clearing out several hundred security logs which were not needed. As before, we have 2.5GB of available webspace so we are not in any imminent danger of exceeding our server-space.

As before, there are 2 MySQL databases in use (one for the Association website and one for the Llandaff tower website). The Coity Ringers' site continues to be hosted by the Association.

There are 61 "email forwarders" currently in use. These are used by either Branch and Association Officers or by towers for whom the correspondent has supplied an email address. Those towers with "Association Email Addresses" are available on the website's Tower List page will be seen in the 2016 Annual Report.

Website Usage

At the time of writing there are 66 "Registered User" (including one as yet unactivated) accounts on the website and 43 of these have been identified as belonging to Resident Members meaning that 23 accounts belong to non-resident (or not known by me to be resident) users. 6 Users have asked for permissions to be set to allow updating of the Association History. Additionally here is one "Super User" account - mine!

Please see overleaf for a summary of Website usage.

There were 339735 visits over 12 months to the end of November 2016. The vast majority of these will be automated search-engine "bots" and other website scanners. This is life on the internet and it's not possible to disaggregate "real" visitors from such other visits without spending an inordinate amount of time doing so, and for very little worthwhile information. The main point of interest is that the website and server copes perfectly well with this amount of visits without any issue.

Until being taken offline and archived at the beginning of August 2016, the "Calendar Download User Guide" had had 20,617 views since the Website went "live" in August 2013.

The publicly viewable list of Association Towers has been viewed 8732 times since the site went live and this is the second most viewed/read page on the website. The "restricted access" Annual Reports and Tower Contact List pages have been viewed 464 and 717 times each respectively. Since these pages cannot be accessed by website scanners and search engines, these are actual views.

Summary by Month

Month	Daily Avg				Monthly Totals					
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files	Hits
Nov-16	7367	6467	5685	1185	3003	5664325	35576	170573	194014	221034
Oct-16	5064	4767	3868	902	3442	4192772	27991	119929	147801	156995
Sep-16	4340	3974	3205	972	3784	4053414	29184	96168	119240	130216
Aug-16	5091	4588	4075	1058	3107	5908381	32821	126353	142247	157839
Jul-16	5190	4787	3944	1053	3652	4361754	32647	122273	148426	160897
Jun-16	5036	4552	3736	960	3108	3741730	28828	112103	136584	151085
May-16	7111	6073	5620	1105	3959	5270851	34270	174223	188270	220465
Apr-16	6212	5568	4951	1011	3897	4656845	30353	148556	167059	186386
Mar-16	16594	14757	14271	1245	5340	5844152	30497	175570	188123	209544
Feb-16	5633	5262	4630	989	3057	4654153	28709	134278	152609	163385
Jan-16	4275	4052	3421	633	3220	3744058	19632	106053	125631	132551
Dec-15	4437	4211	3582	297	2868	3731801	9227	111065	130541	137560
Totals						55824236	339735	1597144	1840545	2027957

Association Facebook Group

The Facebook Group continues to be very popular, with 150 members at the time of writing. The page continues to be very useful for spreading news, etc., and highlighting new information available on the main website.

The main Website continues to be used as the “official repository” documents, Events Calendar and Forums and the Facebook Group is used for informal social interaction additional to discussions in the Forums.

John Vesey
4th December 2016

