



Department of Information & Communications Services

September 2005

BITS & BYTES

Issue: 2005-09

2005 Best of Web Awards Announced At NACON!

Every Auxiliary District now has a very significant online presence, with their Unit websites communicating to both our members and the boating public 24/7/365. These Auxiliary websites now total nearly 800, and receive well over 3 million "hits" per year. The best examples of our websites are honored annually with the Best Of Web competition and awards. This year's contest was especially spirited with the BOW Awards presented at NACON 2005 in Orlando, FL!

The webmasters of these sites have spent countless hours to create engaging, and effective websites that deliver the Auxiliary message in a highly professional manner.

Runners-up websites were **Flotilla 1-4 of District 11th Southern** <http://sandiegocgaux.org/>, **Division 2 of District 9th Western** <http://www.uscgaux.org/~09502/index.html>, and **District 13** <http://www.uscgaux.org/~130/>! They received a certificate and 1 Star logo for their sites.

Winning websites were **Flotilla 11-03 of District 11th Northern** <http://www.renocgaux.org/>, **Division 7 of District 13** <http://www.cgaux1307.org/>, and **District 11th Northern** <http://www.uscgaux-d11nr.org/>! They also received certificate, and a distinctive Trophy and 5 Star Logo.

All Auxiliary sites are encouraged to enter the Best Of Web 2006 competition. Stay tuned to *Bits & Bytes*: <http://www.cgaux.org/cgauxweb/infoserv/BandB.htm> for details.

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Update FEMA & CG HQ Assistance

CG Headquarters has advised that it now has enough applicants to draw from to fill their PowerPoint Technical support needs, as well as its earlier request for IT assistance by FEMA. Therefore, the application process has been suspended. You will be contacted directly by FEMA or CG HQ if you are selected.

Member response was overwhelming with hundreds of applicants offering their assistance. Thank you for your overwhelming support!

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AUX Webmaster Unit Website Migration Update

We in the I-Department are making progress on plans to migrate our 700+ unit websites from the old server to our new LINUX server. As you likely know, we successfully made a *physical* move of the old server from Springfield to Sterling VA with most of our users never noticing the change, exactly as planned.

The new LINUX server is about to be built which will then permit the second phase of the process to begin, moving the existing websites from the old to the new server. As you can imagine, this will be a massive project with hundreds of webmasters moving their respective sites.

We have established a Migration Team to help plan and facilitate the process. Our aim is to make the transition as smooth as possible, but given the magnitude we realize that there are bound to be a few glitches. The support and patience of our unit webmasters will be the key to having this go as smoothly as possible.

The present target is to begin the actual migration in October. We will be making an orderly transition by District. As soon as the republishing schedule is determined, we will be working with your DSO-CS, who will help coordinate the website movement within your District.

The actual migration will be accomplished with each unit webmaster republishing their website on the new server. This can be done either by using FTP or MS Front Page (2003 Server Extensions will be enabled on the new server) and publishing to a new IP address which will be provided to webmasters at that time. There will be a time "window" for all webmasters to accomplish their republishing. At the end of that "window" period, the old server will be terminated and www.uscgaux.org will be re-pointed to the new server with your new URL ("a" will be replacing the current "~" in your address). The precise final format has yet to be established.

We remind all webmasters to insure that they have a good backup copy of their unit website on their local computer. Webmasters are always responsible for maintaining a backup copy of their site, but now it will be especially important.

Please continue to check the CS News here on the CS Guide at: csguide.auxservices.org/news.php where new updates will be published as soon as they become available.

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Attention Auxiliary Webmasters!

Department of Homeland Security (DHS) Logos, Seals and Links to DHS on Auxiliary Websites have to conform to the Official DHS Seal and Signature Usage Guidelines. The guidelines contain all the

possible combinations of seal, text and colors that are approved by DHS and may be used on Auxiliary Web Sites.

A common problem that is unauthorized is when seals are used without the DHS Signature Text. Unless they are used on lapel buttons or podiums, seals must be accompanied with the proper DHS text as outlined in the guidelines.

The Guidelines can be downloaded by clicking: [Official DHS Seal and Signature Usage Guidelines.](#)

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Odd's 'n Ends

Space Shuttle Booster Dimensions

When we see a Space Shuttle sitting on its launch pad, there are big booster rockets attached to the sides of the main fuel tank. These are solid rocket boosters. They are made of highly technical substances at a factory in Utah. The engineers who designed them may have preferred to make them a bit larger in diameter, but the rocket boosters had to be shipped by train from the factory to the launch site. The solid rocket boosters had to fit through a tunnel in the mountains. The tunnel is slightly wider than the railroad track which is about as wide as two horses' behinds. So the major design feature of the world's most advanced transportation system was determined over two thousand years ago by the width of a horse's ass!

SOURCE: Milt Beychok on nh3.org

Ever wonder how many bytes a Gigabyte really is?

. . . especially after buying a 30 GB hard drive? Strictly speaking:

1 KB = 1024 Bytes

1 MB = 1024 KB = 1,048,576 Bytes

1 GB = 1024 MB = 1,073,741,824 Bytes

So 4.3 GB actually is 4,617,089,843.2 Bytes.

CD and DVD Data Access Speeds

1X (one-speed), 2X (two speed), 3X, 4X, etc., have different meanings depending upon whether we're referring to CDs or DVDs. 1X, in either case, represents a baseline speed for the type of drive. In the case of CDs, 1X represents a speed of 150 *kilobytes* per second. With DVDs on the other hand, 1X represents 1.38 *megabytes* per second — a little over nine times faster than CD.

SOURCE: Ricardo Birmele in B&B

Viewing problems?

Check the Bits & Bytes Archive for a complete list of *all* issues at:
<http://www.cgaux.org/cgauweb/infoserv/BandB.htm>

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bc-isn@cgaux.org. If you have any complaints about the contents of this newsletter, please write them
clearly in the box provided below.