

# OCKAM

## Summer 2006 Newsletter



### Maximum Performance For The NYYC 42

It has been some time since the NYYC 42 owners meeting in February. This is an informational note in order to keep in touch with you regarding your instrument system decision for your new NYYC 42. It can be a very complicated and sometimes downright confusing sifting through all of the different information presented. When looking at the different sailing instrument systems, it is important to compare all of the features included in the system packages that are offered. Not all system base packages are created equal. The proposed Ockam base system is a grand prix system with no need to purchase additional processors or options to make the system complete. In an effort to make this the most powerful package available, we have included an additional Magnum mast display (4 total) to the base package (*a \$1495.00 value*) at no extra charge.

Highlights of the benefits and features exclusive to the NYYC 42 - Ockam base package:

- A more powerful processor with processing speeds 2x faster than the competition.
- A removable CompactFlash memory. This allows the user to easily download software upgrades. It also allows for easy loading of polar and calibration data.
- Built-in RS-232 high-speed serial communications port for computer connection
- Polar and target speed and angle information included with the system (utilizing the class one-design polars).
- A 3-axis rate-stabilized solid state compass is included. This provides highly accurate heading as well as pitch and roll which is used by the system to deliver the most accurate wind solution available.
- Graphical displays that offer strip charting of data and the ability to customize 18 pages of data with up to 4 lines of information per page. (twice as much as the competition)
- An included 4-display mast display bracket.

## Ockam system benefits continued

- A 6" taller (48") carbon masthead unit. This provides more accurate wind solution especially with the mast-head spinnaker.
- A system architecture custom designed in conjunction with Swan's electronics engineers to provide the lightest, most advanced system available.
- System pre-wiring done by Nautor's Swan in the factory.
- Advanced NMEA control allows you to only use the NMEA information needed.
- Included system control application for your computer. Control all aspects of the system – from calibration and lighting control to setting up your mast displays to automatically switch between pre-start, upwind and downwind pages while you race.
- A space-saving OckamSoft4 Display application for your computer. This feature allows you to display as much data as you wish without having to install an additional display in the Navigation area. A great space saver without any information limitations.

## New Products



At Ockam Instruments, we have been busy developing new products with the NYYC 42 Class in mind.

We have recently released the new **MATRYX II** graphical display that now offers transfective display technology for superior visibility and red nighttime backlighting. It offers 18 pages of user selectable pages with up to 4 lines of information per page, as well as stripchart capability.

We have also released our new **LYNX** wireless system controller that can be programmed to perform 5 user-selected functions per remote. You can change the pages on any display, control the stopwatch or control the lighting levels to name just a few functions. It even has a MOB function that switches selected displays to show the back range and bearing to the trigger point. This unique feature gives the crew the ability to clearly and instantly view important recovery information from any display on the boat. The Lynx transmitter also offers the capability to connect wired buttons directly into the bus as well.



## Limited Time Special Offer For The NYYC 42 Class

Order an Ockam system for your NYYC 42 from an authorized Ockam dealer and receive your choice of either a free LYNX wireless system controller (a \$450.00 value) or a complete copy of OckamSoft4 tactical software (a \$950.00 value).

## Recent Visit To Finland by Ockam's Lat Spinney

I have just come back from a visit to the Nautor's Swan facilities in Pietarsaari, Finland. The purpose of my visit was two-fold. The first was to strengthen and nurture the relationship between Ockam and Swan. The second was to meet with the NYYC 42 Project Manager and the Swan electronics engineers to further refine the system architecture and to develop the lightest, most efficient installation architecture available for any system. Together, we were able to customize the Ockam pre-wiring layout to be installed by Nautor in the build process. During this time, I was able to completely document the wiring schematic and the entire electronics location layout. I am in the process of creating an installation guide for our dealers to provide them with as much background and insight into the project as possible. This will aid them in providing you with the best possible system installation available. We will utilize this wealth of knowledge when the first Ockam system is installed in Hull #2 in November.



I was able to spend two beautifully sunny days with hull #1 at Nautor's Boatbuilding Technology Center (BTC). From my first view of the newly painted navy blue boat, I was quite impressed with the overall fit and finish both inside and out. The layout and styling of the deck and cockpit appeared to be functional as well as to provide plenty of room for crew maneuvering. The interior was surprisingly spacious and very well accented in teak with a modern flair. The bamboo flooring stood out as being a very distinctive detail and provided a great color contrast.



On the second day of my visit, Nautor planned a sail with an international yachting press group under the guidance of Nautor's Enrico Chieffi & Peter McCloskey. I was able to tag along and document the sail from the chase boat. The boat easily lived up to the expectations of everyone as it effortlessly powered upwind in the 15-18 kts. of wind, and at times got up on a plane downwind under the massive asymmetrical spinnaker. The boat was very well balanced as it sailed through the water. As I anticipated, the deck layout proved to be very functional as the boat was put through the paces. It was a very exciting sail; I have plenty of great photos and am happy to send them to you upon request. I look forward to racing with Hull #6 at Key West Race Week in January 2007.

## Unequaled Class Support



Ockam can provide a system training session for the crew upon request. This includes setting up and using the Ockam system, base calibration and training on fine tuning the system, as well as additional seminars throughout the racing season. We will also maintain link on our website ([www.ockam.com](http://www.ockam.com)) that will provide updated NYYC 42 polar & calibration information, FAQ's, as well as tips and pointers on fine-tuning and enjoying your system. We plan to produce Ockam Newsletters like this periodically to keep you informed as well as to highlight the class and our clients.

Headquartered in Milford, CT, OCKAM is local to the NYYC 42 Fleet and will always make ourselves available to provide support and answer any questions you may have. Members of our Ockam regatta crew will be at each of your events to provide support and to make sure your needs are met.

Please feel free to contact me if you are interested in speaking about an instrument system for your new NYYC 42 or if you would like to be put in contact with an Authorized Ockam agent.

Sincerely,  
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# **OCKAM**

**SAILING AT A HIGHER LEVEL**