

## **Rear Label Information**

The rear label of the 044 Magnum contains reference information regarding switch locations and external connections. This can provide a handy guide while installing and configuring the display. The System Manual section regarding the 044 Magnum Display contains more detailed information if required.

## **Connection to the Instrument System**

Power and data communications are provided through the Ockam bus cable. The bus cable connects to the BNC connector on the back shell of the 044 Magnum enclosure. It is recommended that some sort of anti-corrosion grease is applied to the connector if the display is mounted in an exposed location, such as on a mast pod.

## **Test Screen**

As delivered from the factory, the 044 Magnum display will show only a test screen until configured. All segments of the numerical display should flash on and off, while the text portion of the display should scroll a (modified) quote from the motion picture "Dirty Harry".

## **Mounting the Display**

The display should be mounted in a location visible from the aft portion of the boat. Be sure that it is clear of any running rigging and will not be damaged in the ordinary maneuvering encountered during racing. Even though the display is water-resistant, be sure that the display will not be exposed to excessive water breaking over the decks.

## **Dessicator Plug**

The blue anodized plug on the rear of the display contains silica dessicator to help prevent the moisture condensation normally encountered in a sealed enclosure. The dessicator may be recharged periodically by placing it in a warm oven to dry. The plug also covers the switches to set the display address, default data item, and LCD contrast.

## **External Switch Terminals**

Three screw terminals are provided for connection to external switches (switch up, switch down, and common). One switch will decrement the display down through the display menu, while the other will increment up. The switch only needs to be a simple contact closure. It is not necessary to install two switches per display; however, the display will only increment through the menu in one direction. If wiring a switch to the display is problematic, consider using OckamSoft or the 058 Lynx Remote Controller to switch the display data item.

## **Display Address**

Each 044 Magnum display should have a unique display address. The address is set by adjusting the rotary switch "S3" found inside the display, underneath the blue anodized dessicator plug.

## **Power-on Data Display Default Setting**

Two rotary switches (S1 and S2) are provided to set the default menu and data item for each display. The System Manual section regarding the 044 Magnum contains a complete listing of all the menus and data items. The rotary switches are located inside the display, underneath the blue anodized dessicator plug.

## **Backlight Operation**

The backlight on the 044 Magnum is controlled primarily by the lighting switch located on the instrument system CPU. The backlight level can be altered using a computer connected to the instrument system running OckamSoft.

## **LCD Contrast Adjustment**

It should not be necessary to adjust the LCD contrast of the 044 Magnum. However, if adjustment is required, there are separate adjustments for the numerical and text portions of the display, located inside the display, underneath the blue anodized dessicator plug.