

# RC44 H5000 SYSTEM GUIDE



Design supplied and installed by Osprey Technical Consulting LTD

## Contact Information

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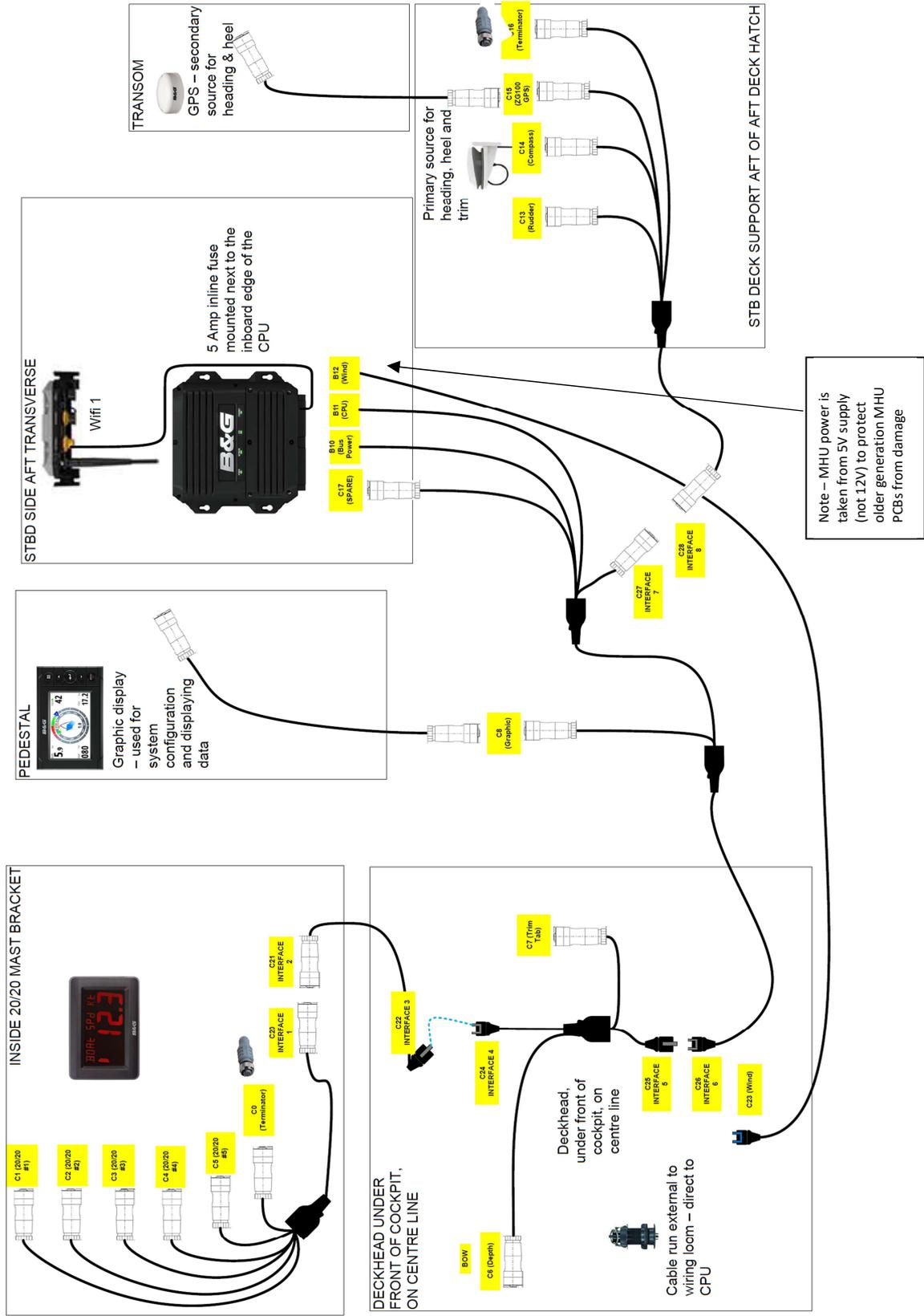
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SO31 4QJ  
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# SYSTEM LAYOUT & SPECIFICATION



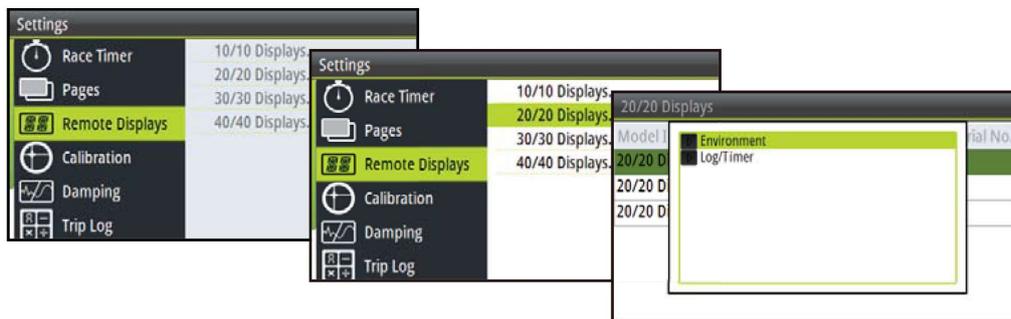
## INSTALLATION NOTES

The wiring is a one piece, sealed harness. Unlike the old systems there are no junction boxes. The connections can be washed with fresh water when the system is powered off.

## QUICK START

### HOW TO SET UP 20/20'S

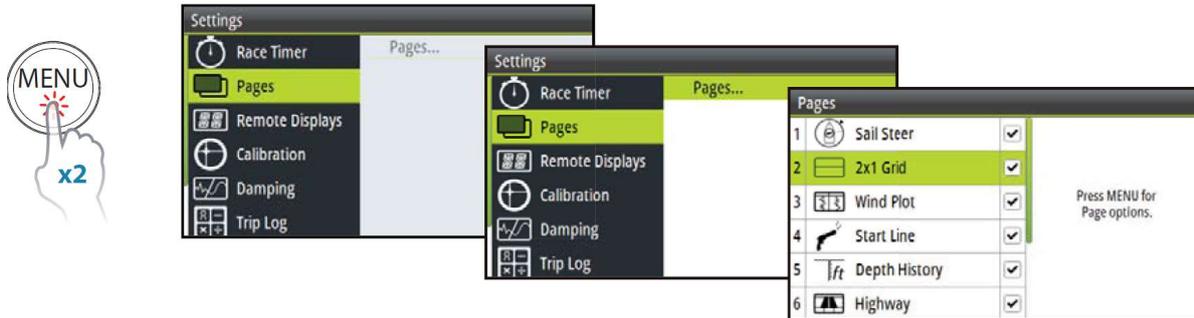
From the remote display menu, select the HV display that you wish to configure.



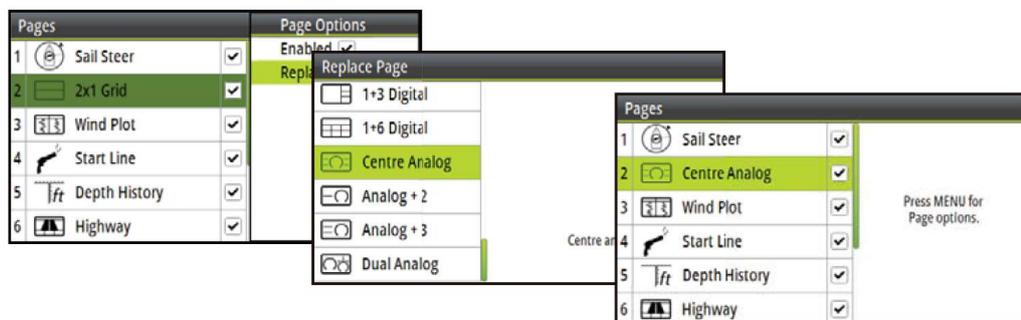
Select the information source you wish to show on the selected HV display.

## HOW TO CONFIGURE PAGES ON A GRAPHIC DISPLAY

- 1 Go to the pages menu.
- 2 Highlight the page you wish to replace



- 3 Press **MENU**
- 4 Highlight Replace and press the **ENTER** key
- 5 Highlight the desired page and press the **ENTER** key



## Available data pages

1	 Sail steer (default)	 Full screen*
2	 Speed / Depth 2x1 grid (default)	 2x1 grid*
3	 Wind plot (default)	 2x2 grid*
4	 Start line (default)	 2x2 grid offset*
5	 Depth history (default)	 3x3 grid*
6	 Highway (default)	 1+3 digital*
7	 Tide (default)	 1+6 digital*
8	 Autopilot (default)	 Centre analog*
	 Satellites	 Analog +2*
	 Weather	 Analog +3*
	 Single time plot*	 Dual analog*
	 Dual time plot*	

**Note:** \* indicates, User configurable page

Pages marks with \* can be configured with any data. To change the data:

1. Select the page you want to configure
2. Press 'Menu'
3. Select 'Change data'
4. Highlight the box you want to edit, press 'Enter'
5. Scroll through the variables list to the value you need to display
6. Press 'Menu' and select 'Save'

### HOW TO CONNECT TO YOUR WEBSERVER

Find your wireless network – this has been configured with the boat's name.

Connect to the network using the passcode which can be found on the Wifi unit or on the sticker on the cockpit bulkhead.

Note - The Wifi unit is located above the CPU

### HOW TO FIND THE IP ADDRESS OF THE CPU

On the graphic display press 'Menu' twice to access the 'Settings'

Scroll down to 'System' > 'Network' > 'CPU Info'

The IP address of the CPU will be displayed

### HOW TO ACCESS THE WEB INTERFACE PAGE OF THE CPU

Join the boat's wireless network (per above)



Open a web browser – eg, google chrome/explorer/safari

Enter the IP address of your CPU into the address bar – this will open the web interface page

## ADVANCED CONFIGURATION

### HOW TO ACCESS AND CONFIGURE YOUR ONBOARD WIRELESS NETWORK

#### Step 1

The Network name and password can be found on a printed label attached to your Wifi router.

#### Step 2

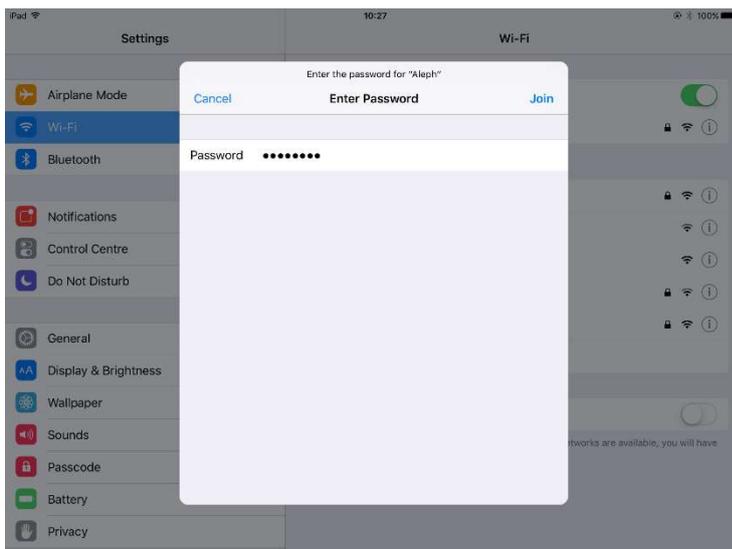
Using Tablet – Open setting and select the network you wish to join.

Using PC – left click on the wifi network symbol in the task bar on the bottom right hand side of the desk top. Then select the network you wish to join.



#### Step 3

Enter the password.

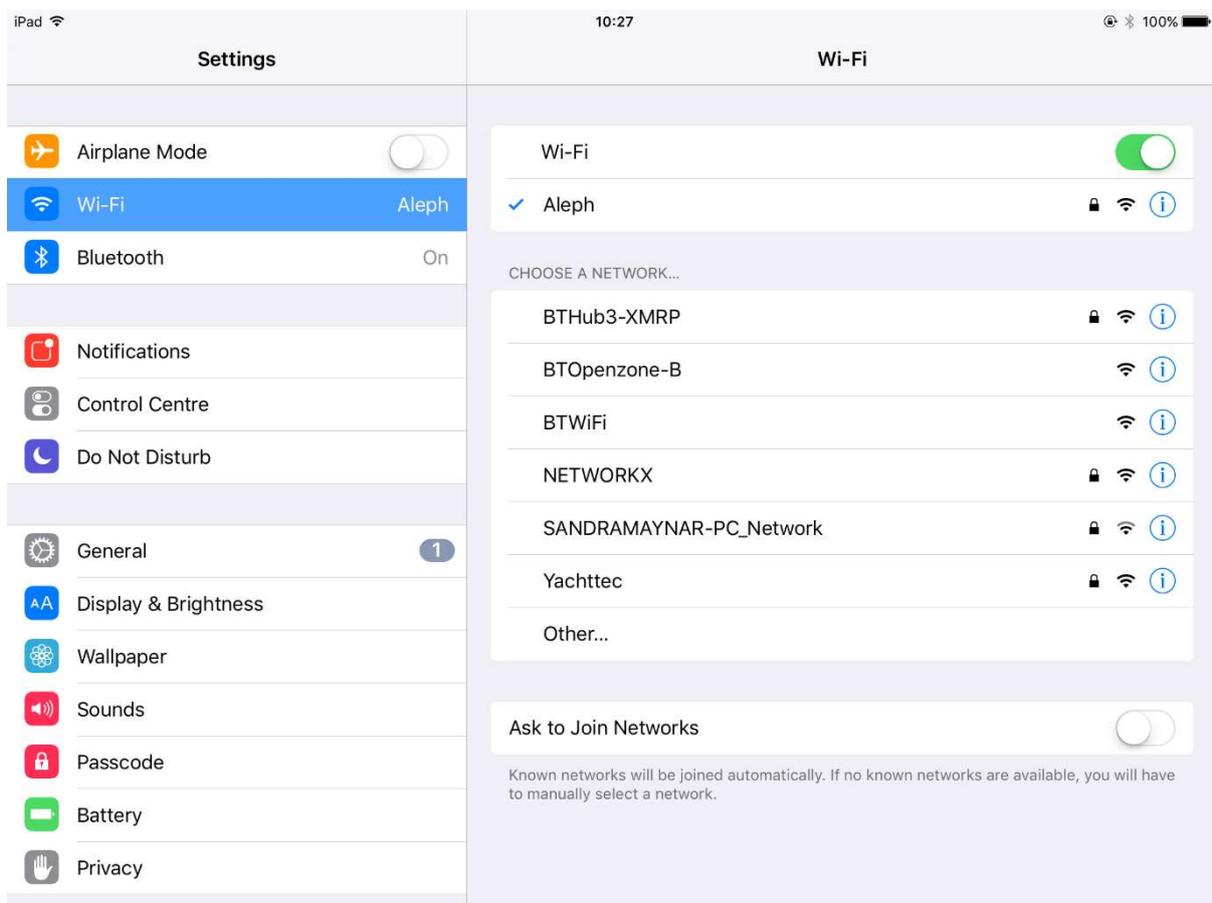




#### Step 4

If connection is successful a tick or the word “Connected” will appear by the name of your network.

If you wish to re name your onboard network or change the password or configure any other network settings continue to step 5. If you are happy with the settings and wish to access the CPU settings page go straight to Step \*\*\*

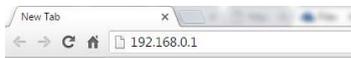




### Step 5

To open your Wifi router access point, open an internet browser and type the following IP address in the search bar.

192.168.0.1



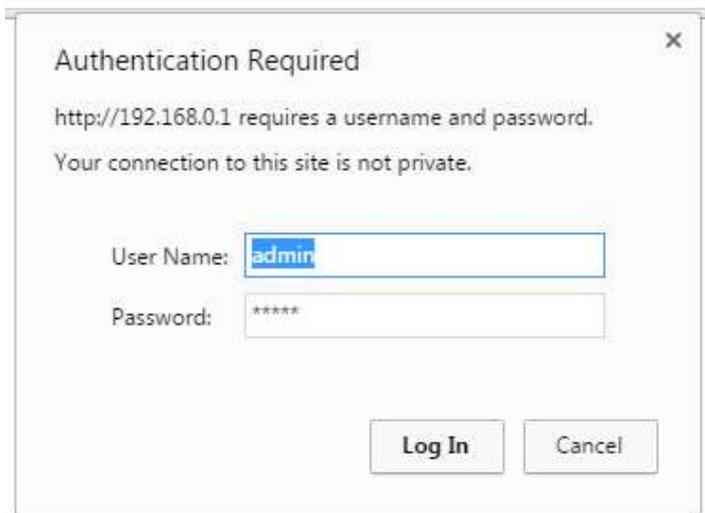
### Step 6

You will then be asked for authentication. Enter the following:-

User Name: admin

Password: admin

Then select "Log in"



### Step 7

The Access Point Status page will now be open.

To change the Network Name and Password select settings in the list on the left hand side.

System Info	
SDK Version	V2.0.15.EN.4M32M.IP3600.20150618 (Jun 16 2015)
System Up Time	22 mins, 35 secs
System Platform	RT3052 embedded switch
Operation Mode	Bridge Mode
Internet Configurations	
Connected Type	DHCP
WAN IP Address	192.168.0.1
Subnet Mask	255.255.0.0
Default Gateway	192.168.18.254
Primary Domain Name Server	168.95.1.1
Secondary Domain Name Server	8.8.8.8
MAC Address	00:42:42:01:10:4C
Local Network	
Local IP Address	192.168.0.1
Local Netmask	255.255.0.0
MAC Address	00:42:42:01:10:4C

## Step 8

On this page you can re name the Network Name (SSID) and the Pass phrase. Then select Apply to save changes.

Wireless Network	
Network Name (SSID)	Your Network Name
Pass phrase	*****
Frequency (Channel)	AutoSelect
DHCP wireless only	<input type="radio"/> Enable <input checked="" type="radio"/> Disable

## Step 9

Cycle the power on the Wi-Fi router. This will re set the router and apply any settings changes.