

# Yacht Bimini

## AFT COCKPIT SELF MEASUREMENT FORM

This Form is designed as a guide to assist with the measuring of your Bimini. If you need any help or information in measuring your Bimini please don't hesitate to call.

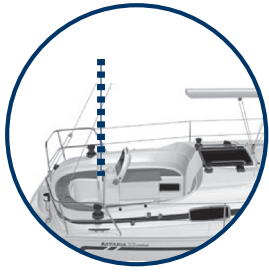


Fig.1 Datum

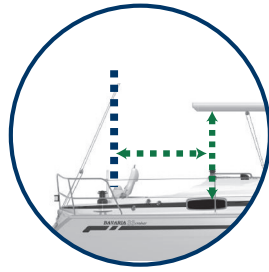


Fig.2 Horizontal/Vertical ✓

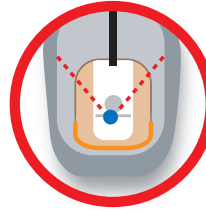


Fig.3 Angled X

Attach a datum to an immovable object within the cockpit. A datum is a rigid object that all measurements will be taken from. A suggestion for this would be a boat hook handle or a broom handle. An immovable object could be the wheel (locked in position) or the forward end of a tiller handle. Strap the handle to the aft face of the wheel or tiller handle in a vertical position to create your datum. (Fig.1) The datum needs to be approximately 2.00m in height from the cockpit sole.

With your datum in position, you are now ready to begin measuring. All measurements are to be taken horizontally/vertically. (Fig.2) Under no circumstances are measurements to be taken at an angle. (Fig.3)

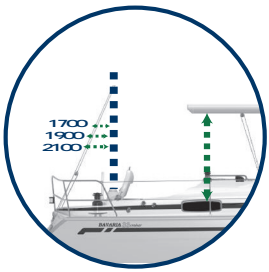


Fig.4 Backstay - Datum (D1-D3)

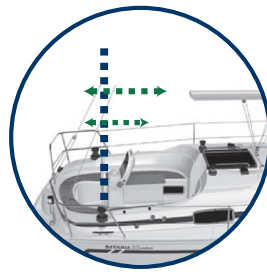


Fig.5 Datum Measurements (D4-D14)

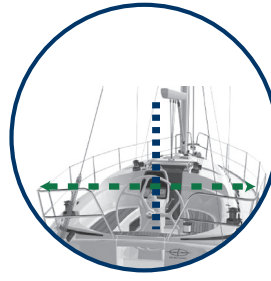


Fig.6 Width Measurements

### Step 1

Fill out the "Self Measurement Form" overleaf using the stated measuring guide. Starting at the top of the form, measurements D1 - D3 determine the angle/s of your backstay/s (Fig.4) In order to measure these you will be required to measure vertically from the cockpit sole and mark the stated heights on to the backstay/s using a pen or some tape. Measure the distance from your datum to the backstay at these points to obtain D1 - D3 (Fig.4) When measuring the remainder of the "datum measurements" ensure these are measured as per (fig.5) and "not" as per (Fig.3). When measuring D13 & D14, these measurements will be an estimation as to the desired position of your bimini. Please be aware that we use these as a "guide only" during the design and not as an exact finished position.

### Step 2

Continue by measuring the "width measurements" W1 - W15. When measuring winches, measurements should be taken from centre of winch to centre of winch. When measuring pushpit rails and toe rails, measure to the inboard faces. (Fig.6)

### Step 3

Measure all "height measurements" H1 - H11. Ensure the mainsail is set and fully tensioned before attempting to measure H1 as this will cause a major problem once the bimini has been installed and there is insufficient clearance under the boom.

### Step 4

Measure B1 & B2 and supply any further measurements that you may feel are relevant to the manufacture of your bimini.

### Step 5

To aid our design team with the design of your new bimini, we require some photographs of your yacht. A side view of the cockpit (Fig.7) and a stern or forward view of the cockpit (Fig.8). Please leave the datum in position to enable our team to see exactly where your measurements have been taken from.

Ensure the "Self Measurement Form" is fully completed and you are happy that all the measurements are accurate.



Fig.7

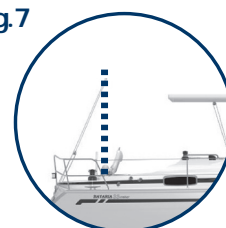


Fig.8

