

## ENDEAVOUR 24

The Endeavour 24 is a restricted class. Tolerance in measurement is to cover unintentional errors in building or changes in shape through age or use.

### DIMENSIONS OF HULL

Length overall:	24'4" + 3"
Length waterline at 3'9" draft:	18'3" + 3"
Moulded depth from underside of keel to underside of gunwhale at 12' 2" from stem	5'7"1"
Length from stern at centre of transom to centre line of mast	16'41/2 +- "3"
Length from stem to centre line of mast	7'9" 1/2 +- "3"
Hull to conform with templates placed at stations along hull as follows:	

- Station 1 - 8'0" from stem 1" (main bulkhead)
- Station 2 - 14'3" from stem 1" (midships bulkheads)
- Station 3 - 20'6" from stem 1" (horse)

### CONSTRUCTION OF HULL

The hull may be constructed of reinforced plastic or other material from the mould at present owned by Endeavour Yachts Pty Ltd and any other moulds certified by this Association.

### WEIGHT OF BOAT

- The overall weight of the boat shall not be less than 2,700 lbs.
- The weight of the external ballast shall be not less than 1,350 lbs.
- The weight of structural concrete ballast shall be not less than 300 lbs.

### KEEL

The keel must be as per plan both in shape and weight C326-03.

### RUDDER AND TILLER

The rudder as per plan C236-03 - Tiller optional

MAST - BOOM as per plan - C236-01.

The mast and boom may be of any material and construction. Minimum weight of mast with fittings, other than spreaders, to be not less than 38 lbs. Luff of mainsail may be attached to the mast by a luff rope groove, or tracks and slides.

- Height - cabin lop to head 25'7" 2"
- Cabin lop to centre of spreaders 13'3" 2"
- Spreaders 2'3" in length
- Boom - 10'6" 1"

RIGGING OF MAST - as per plan C236-01

Standard rigging shall consist of one forestay from stem to mast head, with either one or two backstays from the transom.

Immediate forestay from deck 4'6" aft of stem to mast not more than 13' 3" from foot of mast.

Two main shrouds from deck not more than 2" inboard from the outside of gunwhale over spreaders 2'3" to mast head.

Two lower shrouds from deck not more than 2" inboard from the outside of gunwhale to spreader roots as per plan 236-01. ALTERING STANDING RIGGING TENSION WHILST RACING NOT ALLOWED. Running rigging may lead inside or outside the mast.

#### SAIL INSIGNIA

The sail insignia shall be:



The insignia shall be black, and be affixed to both sides of the mainsail, back to back and above the sail numbers. The extended bars of the insignia towards the leech and at right angles to the luff with equal spacing from the luff and leech.

The dimensions of the insignia shall be:

14" diameter circle.

17 1/2" bars - with 1" between the bars.

2" width of cross section of circle and bars.

#### SAILS

The measurement of sails listed are maximum - sails of smaller dimensions may be used.

##### **Mainsail** (maximum)

Luff	22'6"
Leech	24' 1"
Foot	10' 0"
Cross measurement midpoint Luff and Leech	6'2 1/2"
Cross measurement 1/2 point Luff and Leech	3'6 1/2"

The total length of battens not to exceed 10'. There shall be four battens.

##### **Headsail** (maximum)

Luff	26'6"
Leech	25'9"
Foot	13'3"

**Spinnaker**

Maximum perimeter shall be restricted to 66' with a maximum foot measurement of 14'5".

The spinnaker may be of any shape and is to be attached to a spinnaker boom not exceeding 9'0" in length.

**Anchor**

Anchor, chain and warps must be carried.

**CREW**

Minimum of three.

**MOTOR**

A serviceable motor with a minimum rating of 3 h.p. and a reasonable quantity of fuel shall be carried.

**GENERAL PRINCIPLE**

The intention of these rules is to promote fair competition between Endeavour 24 yachts as a restricted class, and to empower the Committee to ensure that the spirit of racing and cruising is complied with.