

RULES OF MEASUREMENT AND CONSTRUCTION for the ENDEAVOUR 26

The Endeavour '26' 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:	26'0" + 3" (7.92m+76.2mm)
Moulded depth underside of keel to underside of gunwhale at 11' from stem:	7'10" + 1" (2.388m+25.4mm)
Length from stern at centre of transom to centre line of mast:	16'9" + 3" (5.105m+76.2mm)
Length from stem to centre line of mast:	9'3" + 3" (2.819m+76.2mm)

SAIL INSIGNIA

The sail insignia shall be:



The insignia should be light blue in colour and be affixed to both sides of the mainsail back to back and above the sail numbers. The extended bars on 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" (355.6mm) diameter circle. 13½" (342.9mm) bars with 1" (25.4mm) between the bars.
2" (50mm) width of cross section of circle and bars.

SAIL MEASUREMENT

Sail Plan as per attached drawing "Sail and Rigging Plan E26". Sizes stated are maximum but smaller sizes are permitted.

Mainsail

Luff:	27'0" (8.229m)
Leech:	29'0" (8.839m)
Foot:	10'0" (3.049m)
Cross measurement midpoint luff and leach	7'2" (2.642m)
Cross measurement ¼ point luff and leach	3'8" (1.118m)

There shall be 4 battens.

No 1. Headsail

Luff	32'0" (9.754m)
Leech	31'8" (9.652m)
Foot	15'10" (4.826m)

No 2. Headsail

Luff:	29'6" (8.991m)
Leech:	28'8" (8.737m)
Foot:	14'9" (4.495m)
or	
Maximum Sail Area:	206 ft ² (19.07 m ²)

No 3. Headsail

Luff:	28'0" (8.534m)
Leech:	25'9" (7.849m)
Foot:	13'6" (4.114m)
or	
Maximum Sail Area:	174 ft ² (16.2 m ²)

SPINNAKER

Spinnaker 1. - Spinnaker to be restricted to a maximum luff measurement of 32'3" (9.830m) with a maximum foot measurement of 18'5" (5.613m)

Spinnaker 2. - Spinnaker to be restricted to a maximum luff measurement of 32'3" (9.830m) with a maximum foot measurement of 18'5" (5.613m) and a mid height width measurement of 18'0" (5.486m)

The spinnakers may be of any shape and is to be attached to a spinnaker boom not exceeding 10'3" (3.124m) in length overall.

STORM JIB AND TRISAIL

Storm jib and trisail may be carried on a yacht during each race provided that the storm jib and trisail measurements are smaller than the measurement of a No. 3 headsail or mainsail with 2 Reefs.

TOTAL NUMBER OF SAILS

No more than one each of the above six measured sails, storm jib and trisail excluded, to be carried on a yacht in each race.

CONSTRUCTION OF HULL

The hull is to be constructed from reinforced plastic or other approved material from the mould formerly owned by "**Endeavour Yachts Pty Ltd**" and any other moulds certified by the association.

WEIGHT OF BOAT

The overall weight of the boat shall not be less than two and a quarter tons (50401bs, 2286.144kgs)

NEW BOATS - (Construction after 24th March, 1997).

Any new boat constructed after 24th March, 1997 must comply with the following -

1. The overall weight of the boat shall not be less than two and a quarter tons (50401bs 2286.144kgs)
2. The weight of the external ballast shall be not less than 2000 lbs (907.2 kgs) but not more than 2,100 lbs (952.56 kgs) upon certification of the manufacture.

3. The weight of the structural concrete ballast shall be not less than 200 lbs (90.72kgs)

KEEL

The keel must be as per plan both in shape and weight- Plan E26.

MAST AND BOOM.

The mast and boom may be of aluminum construction

Minimum weight of mast complete with fittings, other spreaders to be not less than 60 lbs (27.216 kgs)

Height - cabin top to head:	31' 2" + 4" (9.500m + 101.6mm)
Cabin top to center of spreaders:	16'8" + 3" (5.080m + 76.2mm)
Sheeline level to cabin top at mast-	1' 6" + 1" (457mm+25.4mm)
Spreader:	each 2'6" (762mm) in length
Boom:	10' 6" + 1" (3.200mm + 25.4mm)

RIGGING OF MAST - as per plan E26.

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

All standard rigging shall be a minimum of 3/16" (5mm) diameter grade 1.19 stainless steel wire or equivalent.

Two (2) main shrouds from deck over spreaders to masthead.

Inner forestay or forward lower shrouds shall be fitted.

Two (2) aft lower shrouds from deck to spreader roots as per plan E26.

CREW

Minimum of:

Non-Spinnaker boats:	2
Spinnaker boats:	3

It is the skippers responsibility to ensure that the boat is crewed by competent crew.

MOTOR

Inboard or outboard motor of at least 4 hp must be carried at all times.

GENERAL PRINCIPLE

The intention of these rules is to promote fair competition between Endeavour 26 Yachts as a restricted class and to empower the committee to ensure that the spirit of racing and cruising is complied with.