

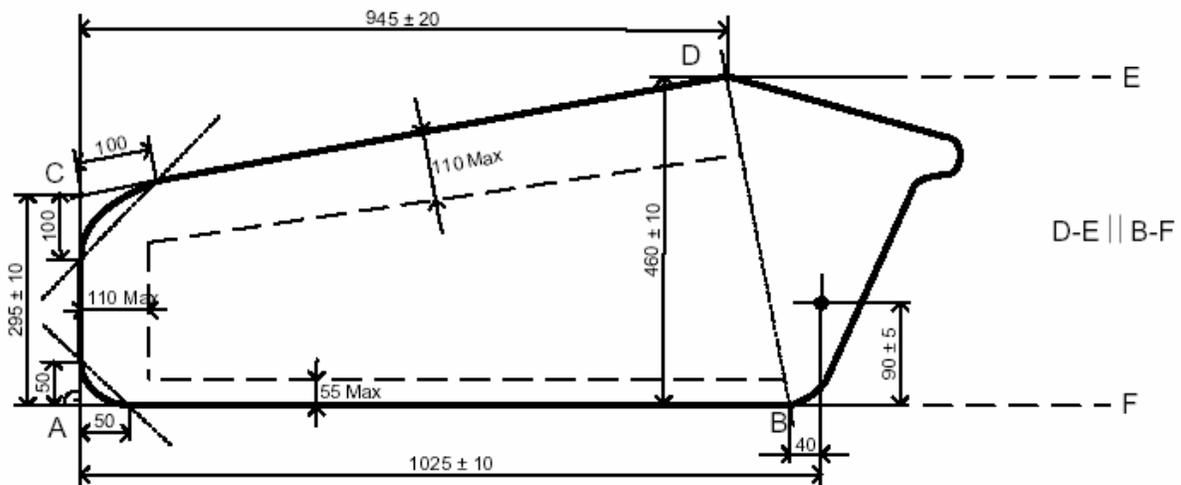
# Regeländerungen der 470er Klassenregeln zum 15. Mai 2005

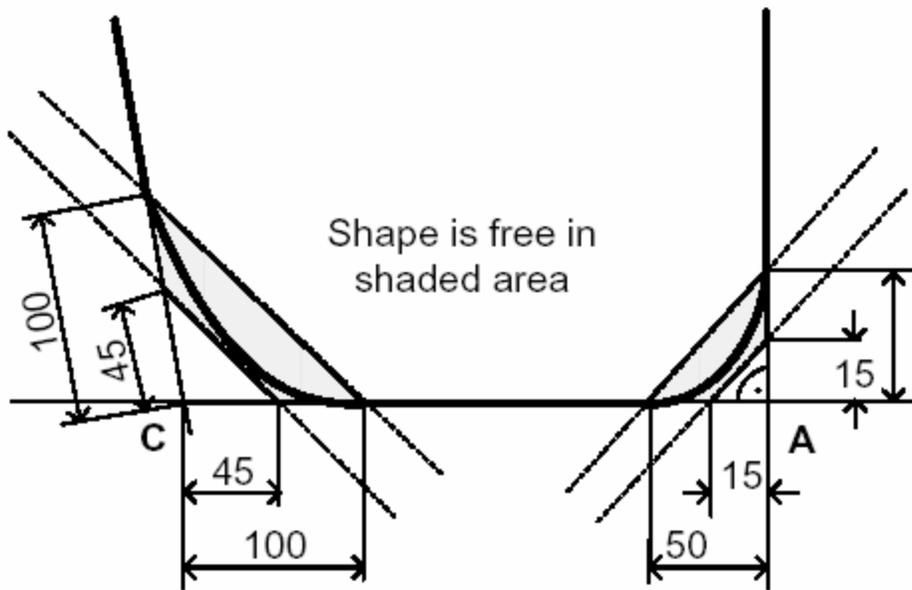
## 4. REGISTRATION AND MEASUREMENT CERTIFICATE

**4.1 (b)** Each country shall issue sail numbers, which shall be consecutive beginning from 1, preceded by the National letter. In accordance with ISAF RRS Appendix G1.1 (c), the MNA or NCA may issue personal sail numbers (Sail numbers staying with the owner for every boat he legally possesses as long as he sails 470) for which the authority may raise a fee. This number must be shown on the Certificate and shall not conflict with existing numbers of active boats. After the sale of the boat, the new owner has to use her original sail number or his own personal number on his sails.

## 9. CENTREBOARD

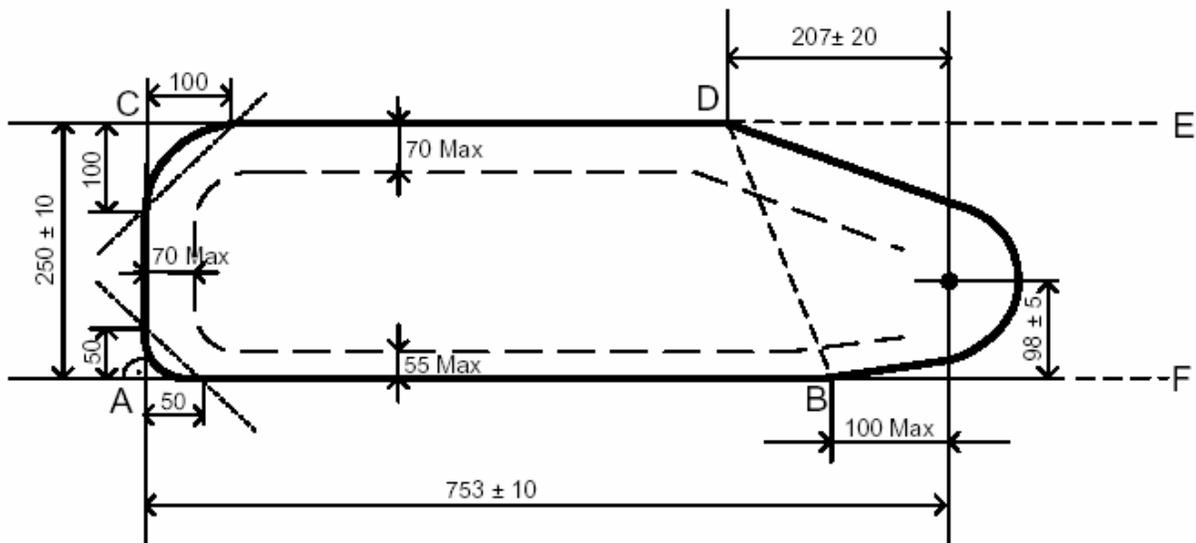
**9.2** The contour of the centreboard is defined by the points A, B, C, D and the lines DE and BF. The leading (AB) and the bottom edge (AC) build the reference for the dimensions and shall be square to each other. The leading (AB) edge shall be straight within a tolerance of 2 mm from a point 50 mm of point A to a point 985 mm of point A. The lower (AC) edge shall be straight within a tolerance of 2 mm, from a point 50 mm of point A to a point 195 mm of point A. The trailing edge (CD) shall be straight within a tolerance of 2mm, except within 100 mm of point C. The shape inside the area EDBF is free. The centre of the pivot hole shall be at  $90\text{mm} \pm 5\text{mm}$  aft of the leading edge and  $1025 \pm 10\text{mm}$  above the lower edge. The shape of the lower corners of the centreboard shall lie within the shaded areas in the Figure below.





## 10. RUDDER

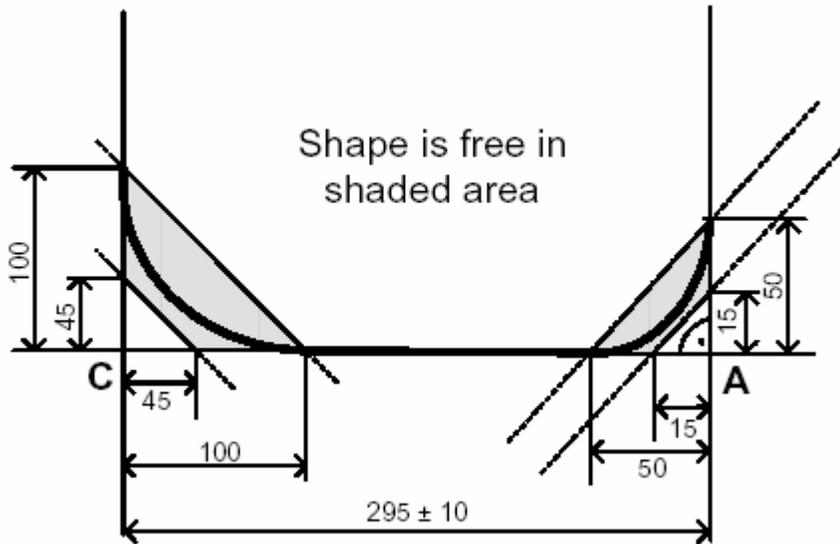
10.1 For boats first measured after 1<sup>st</sup> March 2002, the rudder head, and tiller shall only be made of aluminium alloy and/or stainless steel.



### 10.2

The contour of the rudder blade is defined by the points A,B,C,D and the lines DE and BF. The leading (AB) edge shall be straight within a tolerance of 2 mm, except within 50 mm from point A. The lower edge (AC) shall be straight within a tolerance of 2 mm, except within 50 mm from point A and 100 mm from point C. The leading and the bottom edge shall be square to each other. The trailing edge (CD) shall be parallel to the leading edge and straight, with a tolerance of 2 mm, except within 100 mm from point C. The shape inside the area EDBF is free. The centre of the pivot hole shall be at 98mm ± 5mm aft of the leading edge and 753 ± 10mm above

the lower edge. The shape of the lower corners of the rudder blade shall lie within the shaded areas in the Figure below.



## 15.2 Fittings:

(ii) Fixed or adjustable jib sheet fairleads or pulleys. If traveller tracks are used, only one traveller per track is permitted. Adjustment of the jib fairleads or pulleys may be remotely controlled only in one direction (e.g. fore/aft or in/out or up/down). Additional adjustments to the fairleads or pulleys are only permitted by means of prefixed positions.

## 18. EQUIPMENT

**18.1 (d)** Towing rope of floating type with a minimum length of 10m and of not less than 8mm in diameter.

**18.2 (a)** Spare equipment, tools, extra rope, and personal items.

**18.5** Up to two compasses. Electronic compasses with functions beyond heading, heading memory and timing are prohibited. No other electrical or electronic devices shall be permitted.

**18.6** Electronic or mechanical timing devices, which may include a compass, and which shall be removable.

## 24. SAIL BUTTONS or STICKERS

Each sail measured after 1st January 1985 shall have permanently fixed an officially numbered button or sticker. The buttons or stickers of the headsail and mainsail shall be near the tack, and the button or sticker of the spinnaker shall be near its top. No sail shall be accepted for its first measurement without a sail button or sticker. Buttons or stickers shall not be transferred from one sail to another. Buttons or stickers shall be obtained from the National or International 470 Class Association by the sailmakers.

## 26. PROPULSION

In alteration to RRS 42:

**26.1** If the average wind speed is above 10 knots, the race committee may display flag O with the warning signal to signal that pumping, rocking and ooching are allowed after the starting signal.

**26.2** After the starting signal, if the average wind speed is above 10 knots, the race committee may display flag O with repetitive sounds at any rounding mark to signal that pumping, rocking and ooching are allowed. This rule applies to a boat after she has passed the mark.

**26.3** If the race committee has acted under class rule 26.1 or 26.2 and the average wind speed becomes less than 10 knots, the race committee may display flag R with repetitive sounds at any rounding mark to signal that RRS 42 applies. This rule applies to a boat after she has passed the mark.