

# International Europe Class

Authority: International Sailing Federation, ISAF  
 Secretariat: Ariadne House, Town Quay, Southampton, Hampshire SO14 2AQ, United Kingdom.

| PART 4. BOOM, Measurement Form & Manufacturers Declaration             |                     | No. ....  |  |
|--|---------------------|---|--|
| (To be issued by the manufacturer with each boom.)                     |                     |   |  |
| Item No.   | Rule No.            |   |  |
| <b>Section A: Authorised Manufacturers Declaration (CR 3.6.3 vi a)</b> |                     |   |  |
| a1   | 3.6.1               | Manufacturer's name and address:<br>.....<br>.....<br>.....<br>.....<br>.....<br>This form was issued:.....   | AMC:.....<br>AMS fee for.....received.<br>IECU secr. Signature:<br>..... |
| a2   | 3.6.1<br>3.6.3 (vi) | <b>Authorised Manufacturer's Declaration (AMD)</b><br>The undersigned and above mentioned authorised manufacturer, hereby declares that: This Europe boom with the Authorised Manufacturers Sticker (AMS) no: ..... complies entirely with the current International Europe class rules, diagrams and their incorporated specifications as issued by the ISAF. I specially confirm my responsibilities as prescribed in CR. 3.6.1. I know that the current rules and diagrams can be obtained from ISAF or IECU.<br>Other manufacturers ID numbers on the boom (if any): .....<br><br>Manufacturer's genuine stamp and signature.....Date:..... |  |

**IMPORTANT NOTICE TO SAILOR:** Do not buy this boom unless sections A and B are duly signed. Do not use this boom at any official regatta unless section C is duly completed and signed as well.

| Section B: Authorised Manufacturers Measurement Report |                          | (CR 3.6.3. vi b)  |           |          |           |
|--|--------------------------|---|-----------|----------|-----------|
| Item No.   | Rule No.                 | Boom Measurements   | Min. (mm) | Actual   | Max. (mm) |
| b1   | 3.6.3 (vi)               | (a) Is above Authorised Manufacturers Declaration (AMD) and AMS fee received box duly finished and signed by the Int. Class Association (IECU) and the manufacturer.    |           | Yes / No |           |
|  | 3.6.3 (vii)              | (b) Do AMC and AMS no. on the boom near the gooseneck indeed comply with the numbers in section A of this form.   |           | Yes / No |           |
| b2   | 3.6.4                    | Weight of boom including corrector weights (if any), without sheet blocks and shackles, but with securing eyes, outhaul, kicker (vang) system and it's running rigging: |           |          |           |
|  |                          | (a) Without corrector weights fitted  | 3.0 kg    |          |           |
|  |                          | (b) With corrector weights fitted at the outside of the profile   | 3.3 kg    |          |           |
|  | (c) Weight of correctors |   |           | 0.3 kg   |           |

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| Item No.   | Rule No.          | Boom Measurements   | Min. (mm) | Actual   | Max. (mm) |
|--|-------------------|---|-----------|----------|-----------|
| b3   | 3.6.4             | Distance from gooseneck end to: Centre of gravity of boom, without sheet blocks and shackles, but with securing eyes, outhaul, kicker (vang) system and its running rigging in their racing position (loose and movable ends fixed vertically). | 1250      |          |           |
| b4   | Diagram           | Distance from centre of hole in gooseneck fitting to:   |           |          | 60        |
|  |                   | (a) Forward end of uniform cross section  |           |          | 30        |
|  |                   | (b) Forward end of gooseneck fitting  | 40        |          |           |
|  |                   | (c) Top of boom and sailtrack   |           |          | 2700      |
|  |                   | (d) Boom point  |           |          | 40        |
|  |                   | (e) External width at gooseneck   |           |          | 150       |
| b5   | 3.6.3 (ii)        | Is there a stop in the boom sail track to prevent the sail being hauled out beyond the boom point ?   |           | Yes / No |           |
|  | 3.6.3 (iii)       | Boom spar deflection without load, vertical and transverse. The max. deflection may be measured at any point.   |           |          | 20        |
| b6   | MB Meas. Notes 11 | (a) Can the boom spar cross section without fittings pass through a 77 mm. diameter circle?   |           | Yes / No |           |
|  |                   | (b) Is the boom spar cross section constant (within 2 mm) from 90 mm aft of the forward end of the gooseneck fitting to 20 mm aft of the boom point?  |           | Yes / No |           |
|  | Diagram           | (c) Height of the boom  | 60        |          |           |
| Manufacturer's declaration and signature for above measurement items in section B. |                   |   |           |          |           |
| b7   | 3.6.3. (vi)       | Manufacturer's name: .....  |           |          |           |
|  | b)                | Manufacturers genuine signature and stamp: .....<br>Date: .....   |           |          |           |

**IMPORTANT NOTICE TO SAILOR:** Do not buy this boom unless sections A and B are duly signed. Do not use this boom at any official regatta unless section C is duly completed and signed as well.

See sheet 3 for Section C: Official Recognised Measurer's Declaration and Signature.

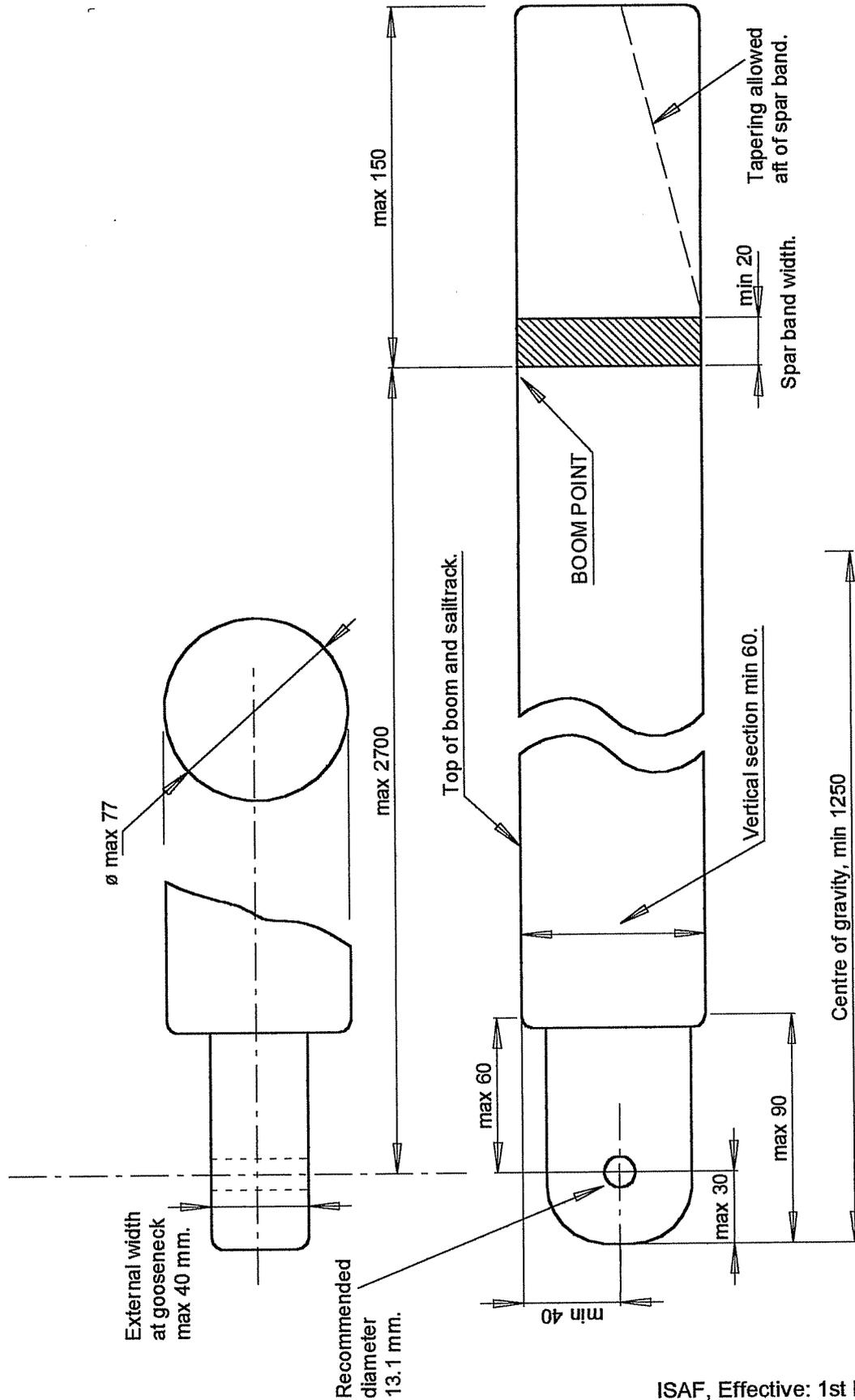
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| Section C: Official Recognised Measurer's Declaration and Signature. (CR 3.6.3 vi c) |   |
|--|---|
| Item No.   |   |
| c1   | I certify that I have checked and / or measured this boom or sections A and B of this form, and that, to the best of my knowledge, boom and form complies with the Class rules except as noted hereunder at item 4c3, measurer's remarks. |
| c2   | Measurer's Name (Block Capitals): .....   |
|  | (a) Are you an Official Measurer for the International Europe Dinghy as defined in Class Rule 2.4.1 ? <span style="float: right;">Yes / No</span>   |
|  | (b) State name of Authority granting your official measurer status.<br><br>.....  |
|  | List the measurement form item numbers which you are certifying as having completed or checked:<br><br>.....  |
| c3   | <b>Measurers remarks</b>  |
| Item no:   | Remark <span style="float: right;">Signature</span>   |
|  |   |
|  |   |
|  |   |
| Measurers genuine signature and stamp: ..... Date: .....                             |   |

**IMPORTANT NOTICE TO SAILOR:** Do not buy this boom unless sections A and B are duly signed. Do not use this boom at any official regatta unless section C is duly completed and signed as well.

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(see class rules for further notes, diagrams and specifications)



ISAF, Effective: 1st March 2000  
 Previous issue: 1st March 1995

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# International Europe Class

Authority: International Sailing Federation, ISAF  
 Secretariat: Ariadne House, Town Quay, Southampton, Hampshire SO14 2AQ, United Kingdom.

|   |                       |  |
|---|-----------------------|--|
| <b>PART 4. MAST, Measurement Form &amp; Manufacturers declaration</b> No: ..... |                       |  |
| (To be issued by the manufacturer with each mast, 4 pages)                      |                       |  |
| <b>Item No.</b>   | <b>Rule No.</b>       |  |
| <b>Section A:</b>   |                       | <b>(CR 3.5.4 viii a)</b>   |
| 4a1   | 3.5.2                 | Manufacturers name and address:<br>.....<br>.....<br>.....<br>.....<br>.....<br>This form was issued:.....   |
|   |                       | AMC:.....<br>AMS fee for..... received.<br>IECU secr. Signature:<br>.....  |
| 4a2   | 3.5.2<br>3.5.4 (viii) | <b>Authorised Manufacturers Declaration (AMD)</b><br>The undersigned and above mentioned authorised manufacturer, hereby declares that: This Europe mast with the Authorised Manufacturers Sticker (AMS) no: ..... , complies entirely with the current International Europe class rules, diagrams and their incorporated specifications as issued by the ISAF. I specially confirm my responsibilities as prescribed in CR. 3.5.1. I know that the current rules and diagrams can be obtained from ISAF or IECU.<br>Other manufacturers ID numbers on the mast (if any): .....<br><br>Manufacturer's genuine stamp and signature.....Date:..... |

**IMPORTANT NOTICE TO SAILOR:** Do not buy this mast unless sections A and B are duly signed. Do not use this mast at any official regatta unless section C is duly completed and signed as well.

| <b>Section B:</b>                                   |                   | <b>(CR 3.5.4. viii b)</b>  |            |          |           |
|---|-------------------|--|------------|----------|-----------|
| <b>Authorised Manufacturers measurement report.</b> |                   |  |            |          |           |
| Item No.  | Rule No.          | Mast Measurements  | Min. (mm.) | Actual   | Max. (mm) |
| 4b1   | 3.5.4 (viii)      | (a) Is above Authorised Manufacturers Declaration (AMD) and AMS fee received box duly finished and signed by the Int. Class Association (IECU) and the manufacturer? |            | Yes / No |           |
|   | 3.5.4 (ix)        | (b) Do AMC and AMS no. on the mast near the gooseneck indeed comply with the numbers in section A of this form?  |            | Yes / No |           |
|   | MB Meas. Notes 10 | (c) Are the indentation marks correctly positioned and clearly visible?  |            | Yes / No |           |
| 4b2   | 3.5.5             | Weight of mast, including fixed fittings and gooseneck bolt, but excluding halyard.  |            |          |           |
|   |                   | (a) Without corrector weights fitted   | 5.0 kg     |          |           |
|   |                   | (b) With corrector weights fitted at the outside of the mast   | 5.5 kg     |          |           |
|   |                   | (c) Weight of correctors   |            |          | 0.5 kg    |

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| Item No.    | Rule No.   | Mast Measurements  | Min. (mm.) | Actual        | Max. (mm)            |             |      |               |      |
|-------------|--|--|------------|---------------|----------------------|-------------|------|---------------|------|
| 4b3         | 3.5.4 (i)<br>Diagram 1/2   | Distance from upper mast point to:   |            |               |                      |             |      |               |      |
|             |  | (a) Centre of gravity of mast  |            |               | 3500                 |             |      |               |      |
|             |  | (b) Lower mast point, i.e. distance between bands  |            |               | 4570                 |             |      |               |      |
|             | Diagram 1/2  | Distance from heel point to:   | 445        |               | 455                  |             |      |               |      |
|             |  | (c) Centre of deck bearing ring  |            |               | 775                  |             |      |               |      |
|             |  | (d) Lower mast point   |            |               |                      |             |      |               |      |
| Diagram 2/2 | Distance from centre of gooseneck hole to:   | (e) Lower mast point   |            |               | 40                   |             |      |               |      |
|             |  | (f) Aft edge of sailtrack (straightened and prolonged)   |            |               | 40                   |             |      |               |      |
|             | (g) Internal width of gooseneck fitting  | 40   |            |               |                      |             |      |               |      |
| 4b4         | 3.5.4 (i)  | Measurement bands (mast spar bands):   |            |               |                      |             |      |               |      |
|             |  | (a) Width of lower band  | 20         |               |                      |             |      |               |      |
|             |  | (b) Width of upper band  | 20         |               | 85 (max top of mast) |             |      |               |      |
|             | (c) Is the colour a distinct contrast to that of the mast ?  |  | Yes / No   |               |                      |             |      |               |      |
| 4b5         | 3.5.4 (iv)   | Is the heel fitting indeed open or removable to provide inspection of the internal mast section.   |            | Yes / No      |                      |             |      |               |      |
| 4b6         | Diagram 2/2  | Heel fitting in mast:  |            |               |                      |             |      |               |      |
|             |  | (a) Diameter at biggest section not more than 20mm from heel point   | 48         |               | 50                   |             |      |               |      |
|             |  | (b) Diameter at smallest section above 20mm from heel point  | 45         |               | 50                   |             |      |               |      |
|             | (c) Height   | 45   |            |               |                      |             |      |               |      |
| 4b7         | Diagram 2/2  | Mast deck bearing ring:  |            |               |                      |             |      |               |      |
|             |  | (a) Depth  | 20         |               | 50                   |             |      |               |      |
|             | (b) Diameter at biggest section over not less than 5mm at either side of the centre of the depth of the ring | 78   |            | 80            |                      |             |      |               |      |
| 4b8         | 3.5.4 (i)<br>Diagram 1/2   | (a) Mast spar curvature (pre-bend), without load, transverse and fore and aft. The max. deflection may be measured at any station.                       |            |               | 20                   |             |      |               |      |
|             | 3.5.4 (v)<br>Diagram 1/2   | (b) Mast deflection (bend measurements) with 20 kg load at station 2250:<br>Fore and Aft, Longitudinal: FA1 ..... FA2 .....FA3 ..... FA4 ..... FA5 ..... |            |               |                      |             |      |               |      |
|             |  | Transverse, Lateral: TR1 ..... TR2 ..... TR3 ..... TR4 ..... TR5 .....   |            |               |                      |             |      |               |      |
|             | (c) Sum of all above (FA + TR) deflection (mast bend) measurements:  |  |            |               |                      |             |      |               |      |
| 4b9         | 3.5.4 (i)  | Mast section 'Fore-and-aft' (A) and 'Transverse' (B) measurements at station:  |            |               |                      |             |      |               |      |
|             |  | <b>A</b>   | Min.       | <b>Actual</b> | Max.                 | <b>B</b>    | Min. | <b>Actual</b> | Max. |
|             |  | <b>0</b>   | 26.3       |               | 30.3                 | <b>0</b>    | 21.3 |               | 23.3 |
|             |  | <b>750</b>   | 32.3       |               | 36.3                 | <b>750</b>  | 27.5 |               | 29.5 |
|             |  | <b>1500</b>  | 38.3       |               | 42.3                 | <b>1500</b> | 33.7 |               | 35.7 |
|             |  | <b>2250</b>  | 44.3       |               | 48.3                 | <b>2250</b> | 39.9 |               | 41.9 |
|             |  | <b>3000</b>  | 50.3       |               | 54.3                 | <b>3000</b> | 44.9 |               | 46.9 |
|             |  | <b>3750</b>  | 56.2       |               | 60.2                 | <b>3750</b> | 48.8 |               | 50.8 |
|             |  | <b>4500</b>  | 53.5       |               | 57.5                 | <b>4500</b> | 54.9 |               | 56.9 |
|             |  | <b>4830</b>  | 57.7       |               | 61.7                 | <b>4830</b> | 61.9 |               | 63.9 |
| <b>5270</b> | 49.8   |  | 53.8       | <b>5270</b>   | 50.9                 |             | 52.9 |               |      |

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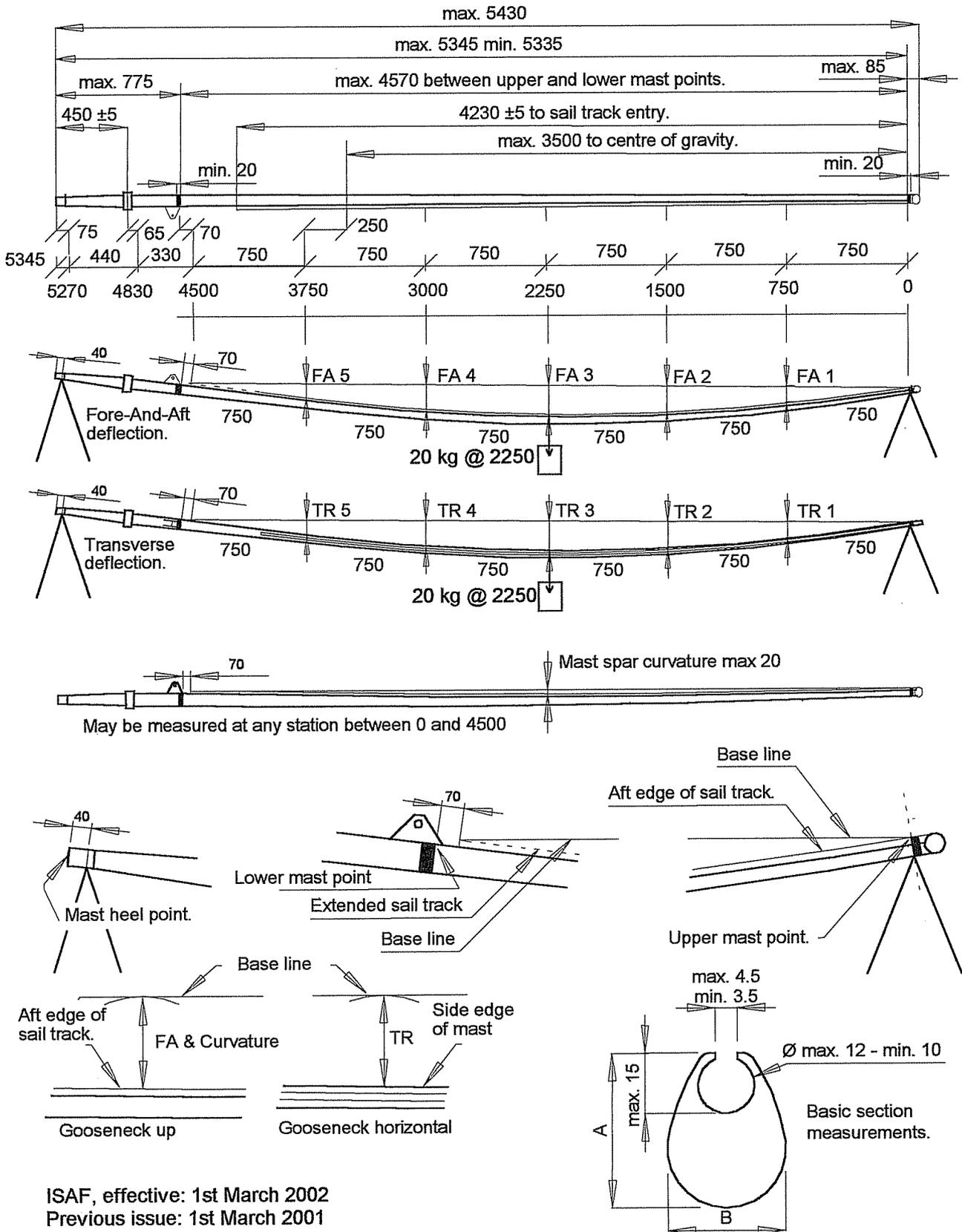
| Item No.   | Rule No.                    | Mast Measurements   | Min. (mm.) | Actual | Max. (mm) |
|--|-----------------------------|---|------------|--------|-----------|
| 4b10   | 3.5.4 (i)<br>Diagram<br>1/2 | (a) Sailtrack opening slot, width   | 3.5        |        | 4.5       |
|  |                             | (b) Bottom of sailtrack to aft edge of mast   |            |        | 15        |
|  |                             | (c) Internal diameter of sailtrack  | 10         |        | 12        |
| 4b11   | 3.7.5                       | Are halyard and halyard lock or cleat indeed external ?                                       |            | Yes/No |           |
| Manufacturer's declaration and signature for above measurement items in section B. |                             |   |            |        |           |
| 4b12   | 3.5.4 (viii)<br>b)          | Manufacturer's name: .....<br>Manufacturers genuine signature and stamp: .....<br>Date: ..... |            |        |           |

**IMPORTANT NOTICE TO SAILOR:** Do not buy this mast unless sections A and B are duly signed. Do not use this mast at any official regatta unless section C is duly completed and signed as well.

| Section C: Official Recognised Measurer's Declaration and Signature. ( CR 3.5.4 viii c) |   |
|---|---|
| Item No.  |   |
| 4c1   | I certify that I have checked and / or measured this mast or sections A and B of this form, and that, to the best of my knowledge, mast and form complies with the Class rules except as noted hereunder at item 4c3, measurer's remarks. |
| 4c2   | Measurer's Name (Block Capitals): .....   |
|   | (a) Are you an Official Measurer for the International Europe Dinghy as defined in Class Rule 2.4.1 ? <span style="float: right;">Yes / No</span>   |
|   | (b) State name of Authority granting your official measurer status.<br>.....  |
|   | List the measurement form item numbers which you are certifying as having completed or checked:<br>.....  |
| 4c3   | <b>Measurers remarks</b>  |
| Item no:  | Remark <span style="float: right;">Signature</span>   |
|   |   |
|   |   |
|   |   |
| Measurers genuine signature and stamp: ..... Date: .....                                |   |

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(see class rules for further notes, diagrams and specifications)



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