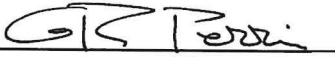


# INTERNATIONAL SIX METRE CLASS

## 6 Modern

**Yacht's Name** Woodoo **ISAF N°** \_\_\_\_\_  
**National letters and Sail Number** SUI-122 **Club** SYH  
**Designer** B+R Design **Design year** 1989  
**Builder** Carlsson Batravy (SWE) **Building Year** 1989  
**Owner** Rainer A. Muller  
**Owner's Address** \_\_\_\_\_

**Lloyds R class certificate (Number or Date)** \_\_\_\_\_ **Lloyds** \_\_\_\_\_

| RATING CERTIFICATE  | Salt Water 1.025 kg/dm <sup>3</sup>  |
|---|--|
| This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 6.000 metres or 6.03m if in fresh water<br>Immersion salt/fresh water = [m] 0,000 |  |
| This certificate is dated _____<br>and its validity confirmed by _____<br>for _____<br>Valid until _____<br>Supersedes _____ (enter former certif. number or date)                                | <u>Versoix</u> 21.aout.21<br><u>G.R.Perrin</u><br><u>Swiss Sailing</u><br><u>20-Aug-25</u><br>23.07.01 |
| Signature <u></u>  | Stamp of Authority   |
| Comments : _____  |  |

|  |              |       |               |
|--|--------------|-------|---------------|
| <b>OVERALL LENGTH</b>  |              |       | <b>10,119</b> |
| Overhang Forward to L1                                       | 1,057        |       |               |
| Overhang Aft to L1   | 1,243        |       |               |
| Total Overhang (Subtract)                                    | 2,300        |       |               |
| <b>MEASURED LENGTH (L1 L1)</b>                               |              |       | <b>7,819</b>  |
| Girth at Bow   | 0,785        |       |               |
| Twice vertical Height at Bow (Subtract)                      | 0,600        |       |               |
| O at Bow   | 0,185        |       |               |
| Add 1 1/2 O at Bow (min 0.270 m)                             | 0,278        |       |               |
| Girth at Stern   | 2,060        |       |               |
| Twice vertical Height at Stern (Subtract)                    | 1,168        |       |               |
| O at Stern   | 0,892        |       |               |
| Add 1/3 O at Stern (min 0.200 m)                             | 0,297        |       |               |
| Add any penalty (Displ. & Beam)                              | 0,000        |       |               |
| <b>CORRECT LENGTH L</b>                                      |              |       | <b>8,394</b>  |
| Skin d to d1 Port  | 1,920        |       |               |
| Chain d to d1 Port   | 1,908        |       |               |
| d Port   | 0,012        |       |               |
| Skin d to d1 Starboard                                       | 1,917        |       |               |
| Chain d to d1 Starboard                                      | 1,904        |       |               |
| d Starboard  | 0,013        |       |               |
| Add d  | 0,025        |       |               |
| <b>Add GIRTH 2 d</b>   |              |       | <b>0,050</b>  |
| Mean Freeboard Bow O   | Actual 0,832 | 0,832 |               |
| Mean Freeboard Midship d                                     | Actual 0,701 | 0,701 |               |
| Mean Freeboard Stern O                                       | Actual 0,674 | 0,674 |               |
| Sum of Freeboards  |              | 2,207 |               |
| <b>Subtract FREEBOARD, F (max 0.730 if build after 1934)</b> |              |       | <b>0,730</b>  |
| <b>Add SAIL AREAS (Square root)</b>                          |              |       | <b>6,507</b>  |
| <b>TOTAL OF MEASUREMENTS</b>                                 |              |       | <b>14,220</b> |
| <b>PENALTY (Draught)</b>                                     |              |       | <b>0,000</b>  |
| <b>RATING</b>  |              |       | <b>6,00</b>   |



Yacht's name : Woodoo SUI-122 6m Versoix

## PENALTIES

|  |       |                          |       |              |
|--|-------|--------------------------|-------|--------------|
| Overhang Forward to L  | 1,373 | Overhang Aft to L        | 1,653 |              |
| Substract from overall length  |       |                          | 3,026 |              |
| Difference of imersion from salt to fresch water [m]                 |       |                          | 0,000 |              |
|  |       | Appendix X delta         |       |              |
| <b>WATERLINE LENGTH</b>  |       |                          |       | <b>7,093</b> |
| Minimum Displacement for Zero Penalty [m3]                           |       |                          | 3,860 |              |
| Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)            |       |                          | 3,956 |              |
| <b>DISPLACEMENT</b> (by weighing)                                    |       |                          |       | <b>3,995</b> |
| Equivalent LWL (for Displ. < min.)                                   |       | Difference               |       |              |
| DISPLACEMENT PENALTY (add to L)                                      |       |                          |       | <b>0,000</b> |
| <b>DRAUGHT (actual)</b>  |       |                          | 1,604 |              |
| Max. Draught for Zero Penalty  | 1,635 | Difference (if positive) |       |              |
| DRAUGHT PENALTY (add to Rating)                                      |       |                          |       | <b>0,000</b> |
| <b>BEAM (Min)</b>  |       |                          | 1,830 |              |
| Max Beam at 1/3 of Midship Freeboard                                 | 2,088 | Difference (if positive) |       |              |
| BEAM PENALTY (add to L, for yacht build or designed after sept 1937) |       |                          |       | <b>0,000</b> |
| Tumblehome Max. (2 x 2% of Extr. Beam)                               |       |                          | 0,084 |              |
| Extreme Beam   | 2,088 | Beam at deck             | 2,088 |              |
| Difference (if positive)   |       |                          |       |              |
| TUMBLEHOME PENALTY (add to Rating)                                   |       |                          |       | <b>0,000</b> |

## SAIL PLAN

|                                      |        |                     |        |        |       |
|--------------------------------------|--------|---------------------|--------|--------|-------|
| Max Height of Sail Plan (Max 13.00m) | 13,000 | J=                  | 3,440  | I =    | 9,750 |
| Boom Heigth =                        | 0,670  | A=                  | 12,330 | B=     | 4,555 |
| Rated Foretriangle Area              | 14,255 | Rated Mainsail Area | 28,082 |        |       |
| TOTAL RATED SAIL AREA                | 42,336 | SQRT(S)             | 6,507  | 110% J | 3,784 |

**SAIL LIMITS**

|            |                             |        |                             |       |
|------------|-----------------------------|--------|-----------------------------|-------|
| Mainsail:  | max girth at 1/2 height 67% | 3,052  | Max girth at 3/4 height 39% | 1,776 |
| Genua:     | max. foot length (J + 3m)   | 6,440  | <b>Spi boom =</b>           | 3,440 |
| Spinnaker: | max. luff length            | 10,771 | foot max breadth (250% J)   | 8,600 |

## SPARS MEASUREMENTS

|                                      |      |             |             |          |      |
|--------------------------------------|------|-------------|-------------|----------|------|
| MAST CG position (from meas. point)  |      | Mast Weight |             | Material | 0,00 |
|                                      | Deck | Half-Height | Jib-Halyard | Head     |      |
| Mast dimensions [mm]                 |      |             |             |          |      |
| Mast section area [cm <sup>2</sup> ] |      |             |             |          |      |
| Mast section ratio (Max 1.35)        |      |             |             |          |      |

## DECK MEASUREMENTS

|                                 |        |           |       |             |       |      |       |                   |  |
|---------------------------------|--------|-----------|-------|-------------|-------|------|-------|-------------------|--|
| Cockpit dimensions (max 2.70m2) | 0,000  | Aft width | 0,000 | Front width | 0,000 | Area | 0,000 | Dist.to sheerline |  |
| Hatch dimensions (max 0.4 m2)   |        |           |       |             |       |      |       |                   |  |
|                                 | Length | Width     | Depth |             |       |      |       |                   |  |
| Spi boom recess on deck         |        |           |       |             |       |      |       |                   |  |

|   |               |         |  |  |  |  |  |  |  |
|---|---------------|---------|--|--|--|--|--|--|--|
| Date and place of Measurement                       | 21.08.2021    | Versoix |  |  |  |  |  |  |  |
| Measurer's Name(s)                                  | G.R.Perrin    |         |  |  |  |  |  |  |  |
| Measurer recognised by : (enter National Authority) | Swiss Sailing |         |  |  |  |  |  |  |  |
| Measurer's signature                                |               |         |  |  |  |  |  |  |  |