

### SNIFE CLASS RACING ASSOCIATION

MEASUREMENT DATA SHEET "1"

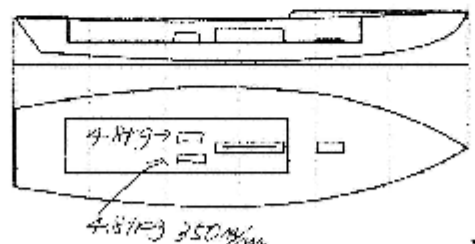
Revised November 2014

For boats built after January 1, 2015

|             |                         |                     |                |
|-------------|-------------------------|---------------------|----------------|
| HULL NUMBER | <u>31308</u>            | BUILDER             | <u>Tsuyido</u> |
| MODEL       |                         | YEAR OF MANUFACTURE | <u>2015</u>    |
| OWNER       | <u>Tokyo University</u> | COUNTRY             | <u>Japan</u>   |

|                      |                          |                 |                                     |                   |                          |
|----------------------|--------------------------|-----------------|-------------------------------------|-------------------|--------------------------|
| <b>BARE HULL</b>     | <input type="checkbox"/> | <b>COMPLETE</b> | <input checked="" type="checkbox"/> | <b>INCOMPLETE</b> | <input type="checkbox"/> |
| HULL MATERIAL: WOOD  | <input type="checkbox"/> | FIBERGLASS      | <input checked="" type="checkbox"/> | make note of      |                          |
| DECK MATERIAL: WOOD  | <input type="checkbox"/> | FIBERGLASS      | <input checked="" type="checkbox"/> | incomplete items  |                          |
| FROM CERTIFIED MOULD | <input type="checkbox"/> |                 |                                     |                   |                          |

|  |                |                                     |           |
|--|----------------|-------------------------------------|-----------|
| HULL WEIGHT (min 125kg)                                    | <u>OK</u>      | MAST LENGTH (6499mm)                | <u>OK</u> |
| TOTAL WEIGHT (min 172.8kg)                                 | <u>172.8kg</u> | Limiting bands & pin                | <u>OK</u> |
| BALLAST (max 15kg mark below)                              | <u>9.6kg</u>   | BOOM LENGTH (2642mm)                |           |
| MOI  | <u>OK</u>      | from aft mast:                      | <u>OK</u> |
| IRS FITTING  | <u>OK</u>      | Limiting band & pin                 | <u>OK</u> |
| (279-300mm hor. from point O<br>max 45mm vert. from sheer) |                | POLE LENGTH (2642mm)                | <u>OK</u> |
| SHROUDS (1778-1981mm from point O)                         | <u>OK</u>      | RUDDER DIMENSIONS                   | <u>OK</u> |
| MAST HOIF (1494mm from point O)                            | <u>OK</u>      | Weight (2.72kg)                     | <u>OK</u> |
| UPPER GUDGEON (410 +/-3mm)                                 | <u>OK</u>      | Ballast (max 250g)                  | <u>OK</u> |
| LOWER GUDGEON (155 +/-3mm)                                 | <u>OK</u>      | Parallel to transom (tolerance 2mm) | <u>OK</u> |
| GUDGEONS DIAMETER (3-8,5mm)                                | <u>OK</u>      | SAGGERBOARD DIMENSIONS              | <u>OK</u> |
|  |                | Band                                | <u>OK</u> |
|  |                | Restraining System                  | <u>OK</u> |



DATE MEASURED Aug 21, 2015 MEASURER'S STAMP

MEASURER'S NAME NOBUHIKO KUDARA

NOTES:



## SCIRA Measurement Check Sheet

To be used with the 80/20 true baseline measurement frame

Owner Tokyo University Date Aug 21, 2015  
 Hull 31308 Builder Tsujiya Material FRP

NEW MOULD: FIRST  OR  OF 5 CERTIFICATION RENEW  Y/N

DO NOT COMPLETE IF FROM A CERTIFIED MOULD

| Chine   |           |      |       |                 |        |                 |
|---------|-----------|------|-------|-----------------|--------|-----------------|
| Station | Height    |      |       | Width           |        |                 |
|         | Starboard | Port | Total | Allowable Range | Actual | Allowable Range |
| 1       |           |      |       | 838-864         |        | 827-840         |
| 2       |           |      |       | 721-719         |        | 591-1003        |
| 3       |           |      |       | 673-699         |        | 1337-1345       |
| 4       |           |      | OK    | 680-705         | OK     | 1270-1283       |
| 5       |           |      |       | 752-787         |        | 1137-1149       |
| Transom |           |      |       | 932-927         |        | 952-965         |

| Sheer   |           |      |       |                 |        |                 |
|---------|-----------|------|-------|-----------------|--------|-----------------|
| Station | Height    |      |       | Width           |        |                 |
|         | Starboard | Port | Total | Allowable Range | Actual | Allowable Range |
| 1       |           |      |       | 1498-1543       |        | 895-921         |
| 2       |           |      |       | 1391-1441       |        | 1346-1372       |
| 3       |           |      |       | 1533-1364       |        | 1511-1537       |
| 4       |           |      | OK    | 1321-1372       | OK     | 1473-1499       |
| 5       |           |      |       | 1321-1372       |        | 1270-1295       |
| Transom |           |      |       | 1294-1435       |        | 1022-1048       |

| Keel    |        |                 |        |                 |
|---------|--------|-----------------|--------|-----------------|
| Station | Height |                 | Width  |                 |
|         | Actual | Allowable Range | Actual | Allowable Range |
| 400mm   |        | 271-319         |        |                 |
| 1       |        | 167             |        | Min 51          |
| 2       |        | 94-101          |        | 99-105          |
| 3       | OK     | 51-63           |        | 93-105          |
| 4       |        | 53-70           | OK     | 94-105          |
| 5       |        | 114             |        | 93-105          |
| Transom |        | 155-168         |        | 93-105          |

| Stem Offset       |                                 |        |
|-------------------|---------------------------------|--------|
| Up from base line | back from stem head             | Actual |
| 257               | 267-279                         |        |
| 305               | 194-236                         |        |
| 337               | 153-155                         |        |
| 341               | 108-120                         | OK     |
| 457               | 54-65                           |        |
| 527               | 26-38                           |        |
| 311 to 387        | Intersection of chine extension |        |

SNIPE CLASS RACING ASSOCIATION

**J1 SCIRA**  
**MEASUREMENT**  
**JAPAN**

Snipe Class International Racing Association

## MEASUREMENT DATA SHEET '1'

| Miscellaneous             |        |                 |                               |        |                 |
|---------------------------|--------|-----------------|-------------------------------|--------|-----------------|
| Measurement               | Actual | Allowable Range | Measurement                   | Actual | Allowable Range |
| LCA                       | OK     | 4711-4737       | Chine radius at st. 1         | OK     | Max 19          |
| Horizontal transom offset | OK     | 703-825         | Chine radius at st. 2 transom | OK     | Max 3           |
| Stem height               | OK     | 683-708         | Deck crown                    | OK     | Max 127         |
| Bow radius                | OK     | Max 25          |                               |        |                 |

| Topside Measurements                           |        |                 |                               |        |                 |
|--|--------|-----------------|-------------------------------|--------|-----------------|
| Measurement                                    | Actual | Allowable Range | Measurement                   | Actual | Allowable Range |
| Aft end of Trunk from stern                    | OK     | 2438-2464       | Mast step to sheer (vertical) | OK     | 350-100         |
| Top of trunk parallel to baseline              | OK     |                 | Mast partners                 | OK     | Max 256x76      |
| All edge of bulwarks perpendicular to baseline | OK     |                 | Length of foredeck            | OK     | Max 18x2        |
| Kee to top of trunk                            | OK     | 320-313         | Length of aft deck            | OK     | Min 457         |
| Length of daggerboard slot                     | OK     | Max 546         | Sheer moulding                | OK     | Max 32          |
| Width of daggerboard slot                      | OK     | Max 13          | Sheer moulding radius         | OK     | Max 12          |
| Sprayhood                                      | OK     | Min 51 x 610    |                               |        |                 |

Measurer

NOBUHIKO KUDARA

Stamp nr.

**J1 SCIRA**  
**MEASUREP**  
**JAPAN**

# 計測証明書

登録番号 No. 31308

新規計測・再計測

- 1. 所有者 氏名 東京大学  
住所
- 2. 建造者 氏名 辻堂加工  
住所

上記は本協会登録計測証であることを証明する。

日本スナイプ協会

計測年月日 2015年 8月 21日

計測員

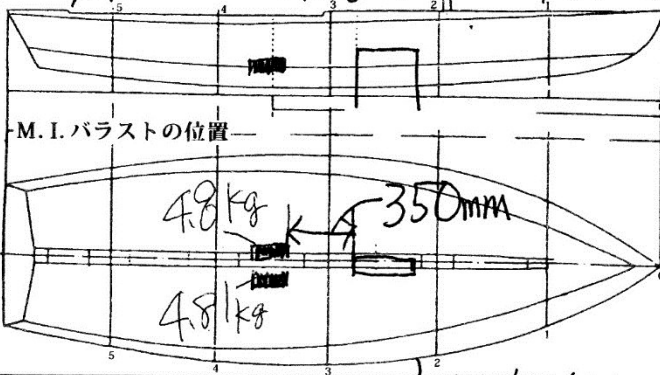
署名

山田 洲子



材質 鋁

重量 172.8 kg バラスト 9.61 kg



備考 MOI = 200

長さ 672mm

スクリュー径 = 14.7523 (25回 = 67.2mm)

計測証明書の再発行 (移籍、紛失)

年 月 日 発行者氏名



新規計測と再計測のどちらかを消す。  
再計測証明書は、新規計測書に重ねて綴る。