

# SNIPE CLASS RACING ASSOCIATION

30976

## MEASUREMENT DATA SHEET

Sheet I- revised January 2009

For boats built after January 1, 2009

30976

HULL NUMBER..... BUILDER *Okumura*

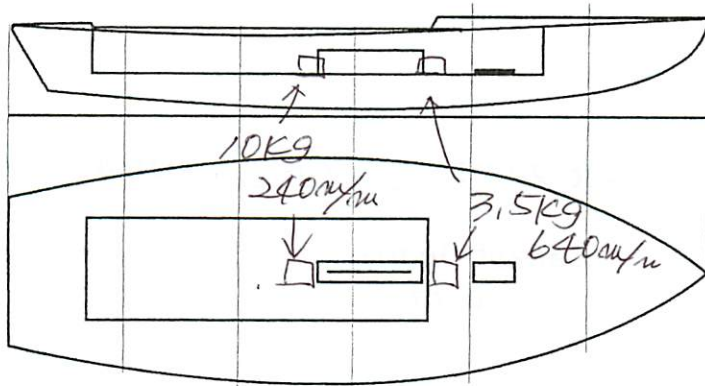
MODEL..... YEAR *2011*

OWNER *Toyo ma University*..... COUNTRY *JAPAN*

BARE HULL  COMPLETE  from certified mould  INCOMPLETE   
 HULL MATERIAL: WOOD  FIBERGLASS  make note of  
 DECK MATERIAL: WOOD  FIBERGLASS  incomplete items

|  |                                     |  |                                     |
|--|-------------------------------------|--|-------------------------------------|
| HULL WEIGHT (MIN 125KG)                | <input checked="" type="checkbox"/> | MAST LENGTH (6499MM)                       | <input checked="" type="checkbox"/> |
| TOTAL WEIGHT (172.8KG)                 | <input checked="" type="checkbox"/> | Limiting bands & pin                       | <input checked="" type="checkbox"/> |
| BALLAST (MAX 15KG mark below)          | <input checked="" type="checkbox"/> | BOOM LENGTH (2642MM from aft edge of mast) | <input checked="" type="checkbox"/> |
| MOI                                    | <input checked="" type="checkbox"/> | Limiting bands                             | <input checked="" type="checkbox"/> |
| JIB FITTING (279-330 dist. from pt 0)  | <input checked="" type="checkbox"/> | POLE LENGTH (2642MM)                       | <input checked="" type="checkbox"/> |
| SHROUDS (1778-1981mm dist. from pt. 0) | <input checked="" type="checkbox"/> | RUDDER DIMENSIONS                          | <input checked="" type="checkbox"/> |
| UPPER GUDGEON (410+/-3MM)              | <input checked="" type="checkbox"/> | RUDDER WEIGHT (2.72kg)                     | <input checked="" type="checkbox"/> |
| LOWER GUDGEON (155 +/-3MM)             | <input checked="" type="checkbox"/> | Fits the Transom (Y/N)                     | <input checked="" type="checkbox"/> |
| MAST HOLE (1494mm dist. from pt. 0)    | <input checked="" type="checkbox"/> | CENTERBOARD DIMENSIONS                     | <input checked="" type="checkbox"/> |
| TRUNK HEIGHT (310 -0+3MM)              | <input checked="" type="checkbox"/> | Band                                       | <input checked="" type="checkbox"/> |
|  |                                     | Restraining System & stoppers              | <input checked="" type="checkbox"/> |

Mark ballast here



DATE MEASURED *2.7.2011*

MEASURER'S SIGNATURE *NOBUHIKO KUDARA*

MEASURER'S STAMP



NOTES:

**Both pages must be completed and sent to the SCIRA office upon completion of measurement except if hull is from a certified mould.**

# SCIRA Measurement Check Sheet

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

Owner: Toyama University Date: 2.7.2011

Hull # 30976 Builder: Okumura Material: F.R.P

| Station | Starboard | Port | Total | Allowable Range | Width | Allowable Range |           |
|---------|-----------|------|-------|-----------------|-------|-----------------|-----------|
| 1       | } OK      |      |       | 838-864         | } OK  | 527-540         |           |
| 2       |           |      |       | 724-749         |       |                 | 991-1003  |
| 3       |           |      |       | 673-699         |       |                 | 1232-1245 |
| 4       |           |      |       | 680-705         |       |                 | 1270-1283 |
| 5       |           |      |       | 762-787         |       |                 | 1137-1149 |
| Transom |           |      |       | 902-927         |       | 952-965         |           |

| Station | Starboard | Port | Total | Allowable Range | Width | Allowable Range |           |
|---------|-----------|------|-------|-----------------|-------|-----------------|-----------|
| 1       | } OK      |      |       | 1499-1549       | } OK  | 895-921         |           |
| 2       |           |      |       | 1391-1441       |       |                 | 346-1372  |
| 3       |           |      |       | 1333-1384       |       |                 | 1511-1537 |
| 4       |           |      |       | 1321-1372       |       |                 | 1473-1499 |
| 5       |           |      |       | 1321-1372       |       |                 | 1270-1295 |
| Transom |           |      |       | 1384-1435       |       | 1022-1048       |           |

| Station | Height | Width |
|---------|--------|-------|
| 400mm   | } OK   |       |
| 1       |        |       |
| 2       |        |       |
| 3       |        |       |
| 4       |        |       |
| 5       |        |       |
| Transom |        |       |

| Rudder    |          |
|-----------|----------|
| Weight    | 2.72kg ✓ |
| Shape     | ✓        |
| Thickness | ✓        |
| Lock      | ✓        |
| Keel Ext. | ✓        |

| Daggerboard |   |
|-------------|---|
| Bottom      | ✓ |
| Shape       | ✓ |
| Thickness   | ✓ |
| Stripe      | ✓ |
| Punch mark  | ✓ |
| Tapers      | ✓ |

Horizontal Transom Offset 203-229 OK LOA 4711-4737 OK

Weight 172.8 kg Ballast (lead) 13.5 kg MOI >27.6 OK M.O.I = 200

| Mast             |   |
|------------------|---|
| Band loc         | ✓ |
| Length <6499mm   | ✓ |
| Limiting pin     | ✓ |
| Sheer mark       | ✓ |
| Weight/bal 9.1kg | ✓ |

| Boom                |   |
|---------------------|---|
| Band loc 2559mm     | ✓ |
| Limiting pin        | ✓ |
| Max Length <2642mm  | ✓ |
| Pole length <2642mm | ✓ |

| Bow                 |   |
|---------------------|---|
| Stem height 683-708 | ✓ |
| Bow radius          | ✓ |

## Topside Measurements

|   |   |                            |   |
|---|---|----------------------------|---|
| Aft end of Trunk 2438-2464 from stem        | ✓ | Length of daggerboard slot | ✓ |
| Top of trunk parallel to baseline           | ✓ | Width of daggerboard slot  | ✓ |
| Aft edge of trunk perpendicular to baseline | ✓ | Stem to mast partner >1494 | ✓ |
| Keel to top of trunk 310-313                | ✓ | Length of foredeck >1842   | ✓ |
| Shroud fitting to stem 1778-1981            | ✓ | Length of aft deck >457    | ✓ |
| Mast step to sheer (vertical) 390-400       | ✓ | Headstay to stem 279-330   | ✓ |

Measurer NOBUHIKO KUDARA SCIRA MEASURE JAPAN

# 計測証明書

登録番号 No. **30976**

新規計測・再計測  
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- 所有者 氏名 富山大学  
住所 富山市五福3190
- 建造者 氏名 オクムラボート販売(株)  
住所 姫路市的形町の形2013

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

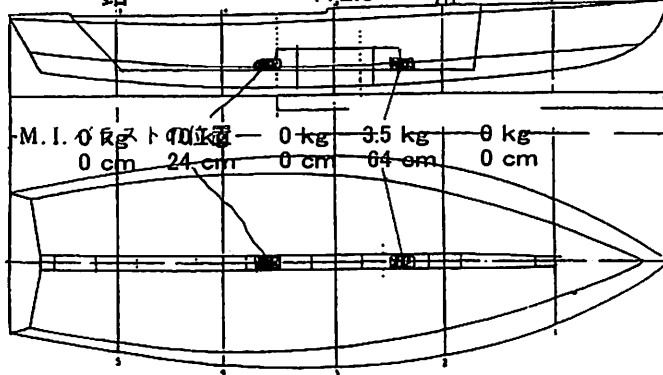
計測年月日 11 年 02 月 07 日

計測員

署名 奥村 雅晴



材質 鉛 重量 172.8 kg バラスト 13.5 kg



備考

|         |   |                     |
|---------|---|---------------------|
| モーメント I | = | 200                 |
| スプリング係数 | = | 16.2600 (25回=64.0秒) |
| 実測値 25回 | = | 64.0 秒              |

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。

計測証明書の再発行 (移籍、紛失)

年 月 日 発行者氏名

