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| BOAT |
| Name Audi Quattro Sail Nr FIN 11703 |

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| GPH |
| 601,7 |

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| HULL |
| Length Overall 11,315 m |
| Maximum Beam 3,706 m |
| Displacement 5.265 kg |
| Draft 2,006 m |
| IMS Reg. Division Performance |
| Dynamic Allowance 0,000% |
| Fwd Accommodation |
| Hull Construction Light |
| Carbon Rudder Yes |
| Crew Arm Extension |
| IMS L 10,546 VCGD -0,052 VCGM -0,082 |
| Sink 20,94 kg/mm Wetted Area 28,41 m² |

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| GENERAL |
| Class Next 37 |
| Designer Cossutti |
| Builder Alto Adriatico |
| Series 04/2014, CIN IT CND N3701 D414 |
| Age 04/2014 |
| Age Allowance 0,000% |
| Offset File next37.off - 28/7/2014 17:21:22 |
| Measurement by Bertone - 28/07/2014 |



World Leader in Rating Technology

2014
ORC International
Certificate

| | | | | | | |
|------------------------|--|-------------------------|-----------------------|--------------------------------------|-------------------------|-----------------------|
| SCORING OPTIONS | | | | | | |
| | OFFSHORE COASTAL / LONG DISTANCE | | | INSHORE WINDWARD / LEEWARD | | |
| Time On Distance | 582,3 | | | 652,5 | | |
| Time On Time | 1,0305 | | | 1,0345 | | |
| Performance Line | PLT 0,803 | PLD 57,6 | | PLT 0,760 | PLD 127,3 | |
| Triple Number | Low 0,9504 | Medium 1,2772 | High 1,4825 | Low 0,7262 | Medium 1,0236 | High 1,2247 |

Rating Office

Offshore
Racing
Congress



World Leader in Rating Technology

| | | | | | | | |
|------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| TIME ALLOWANCES | | | | | | | |
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat VMG | 1070,7 | 869,5 | 758,6 | 688,5 | 656,8 | 641,0 | 631,1 |
| 52° | 690,5 | 569,2 | 503,6 | 472,1 | 459,2 | 452,9 | 447,9 |
| 60° | 645,8 | 536,5 | 484,5 | 459,4 | 443,7 | 435,8 | 429,4 |
| 75° | 611,1 | 513,1 | 472,2 | 449,5 | 427,5 | 409,2 | 395,5 |
| 90° | 616,5 | 506,7 | 463,4 | 447,3 | 427,6 | 408,5 | 371,0 |
| 110° | 619,5 | 505,2 | 459,9 | 429,2 | 400,3 | 385,1 | 360,4 |
| 120° | 638,7 | 518,6 | 467,3 | 437,5 | 407,2 | 377,5 | 343,5 |
| 135° | 715,5 | 573,7 | 495,3 | 460,1 | 433,0 | 404,9 | 349,3 |
| 150° | 860,2 | 679,4 | 567,4 | 496,3 | 462,2 | 436,6 | 385,1 |
| Run VMG | 993,2 | 784,5 | 655,1 | 567,3 | 508,2 | 470,7 | 420,0 |

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| Certificate |
| Number 11703 |
| ORC Ref FIN00005725 |
| Issued On 28/7/2014 |
| VPP Ver. 2014 1.01 |
| Valid until 31/12/2014 |

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|-------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Selected Courses | | | | | | | |
| Windward / Leeward | 1032,0 | 827,0 | 706,9 | 627,9 | 582,5 | 555,9 | 525,6 |
| Circular Random | 847,9 | 676,8 | 582,9 | 526,6 | 490,6 | 466,3 | 434,1 |
| Ocean for PCS | 903,8 | 706,8 | 595,4 | 526,1 | 479,5 | 445,3 | 394,1 |
| Non Spinnaker | 916,0 | 725,2 | 619,2 | 555,1 | 514,1 | 486,7 | 452,1 |

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| Crew Weight | |
| Declared | 830 kg |
| Default* | 723 kg |
| Non Manual Pwr | |

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| Special Scoring | | |
| | ToD | ToT |
| Double H.GPH | 604,1 | 0,9932 |
| Double H.OSN | 586,3 | 1,0234 |
| Non Spin GPH | 640,1 | 0,9374 |
| Non Spin OSN | 617,3 | 0,9719 |
| N/S Perf. Line | 32,0 | 0,716 |

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|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Velocity Prediction in Knots for True Wind Speeds | | | | | | | |
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat Angles | 44,4° | 43,1° | 42,4° | 41,5° | 39,9° | 39,1° | 38,6° |
| Beat VMG | 3,36 | 4,14 | 4,75 | 5,23 | 5,48 | 5,62 | 5,70 |
| 52° | 5,21 | 6,32 | 7,15 | 7,63 | 7,84 | 7,95 | 8,04 |
| 60° | 5,57 | 6,71 | 7,43 | 7,84 | 8,11 | 8,26 | 8,38 |
| 75° | 5,89 | 7,02 | 7,62 | 8,01 | 8,42 | 8,80 | 9,10 |
| 90° | 5,84 | 7,10 | 7,77 | 8,05 | 8,42 | 8,81 | 9,70 |
| 110° | 5,81 | 7,13 | 7,83 | 8,39 | 8,99 | 9,35 | 9,99 |
| 120° | 5,64 | 6,94 | 7,70 | 8,23 | 8,84 | 9,54 | 10,48 |
| 135° | 5,03 | 6,28 | 7,27 | 7,82 | 8,31 | 8,89 | 10,31 |
| 150° | 4,19 | 5,30 | 6,35 | 7,25 | 7,79 | 8,25 | 9,35 |
| Run VMG | 3,62 | 4,59 | 5,50 | 6,35 | 7,08 | 7,65 | 8,57 |
| Gybe Angles | 139,0° | 147,6° | 148,6° | 157,0° | 171,9° | 177,3° | 176,5° |

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| Sails Limitations | | |
| Genoas 0 | Jibs 4 | Spinnakers 3 |
| Spinnaker configuration Symmetric | | |

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| Storm Sails Areas | |
| Heavy Weather Jib | 28,59 |
| Storm Jib (JL=9,46) | 10,59 |
| Storm Try sail | 11,99 |

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| Owner |
| |

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|---|---|
| BOAT | |
| Name Audi Quattro File (0) | Sail Nr FIN 11703 Data in meters/kilograms |

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|---|---------------------------|-------------------|-------------------|--|
| RIG | | | | |
| Forestay Tension Aft & Forward | Spreaders 2 | | | |
| Inner Stay None Fitted | Runners 0 | | | |
| Carbon Mast Yes | Jumper Struts None | | | |
| Taper Hollows | Jib Furler | | | |
| Fiber Rigging No | Main Furler | | | |
| Lenticular Rigging No | Without Backstay | | | |
| Articulated Bowsprit No | | | | |
| P 13,716 | E 4,995 | MDT1 0,122 | MW 0,170 | |
| IG 14,504 | J 4,175 | MDL1 0,200 | GO 0,184 | |
| ISP 15,366 | SFJ 0,425 | MDT2 0,102 | BD 0,291 | |
| BAS 1,550 | SPL 4,500 | MDL2 0,134 | MWT 125,00 | |
| FSP 0,066 | TPS | TL 3,280 | MCG 4,743 | |

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| MIZZEN RIG AND SAILS | |
| N/A | |


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| COMMENTS |
| ADVERTISING LICENSE 2014 BY FBSF |

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| INCLINING TEST AND FREEBOARDS | | |
| Inclining Test Current Inclining | | |
| Flotation date 24/04/2014 | SG 1,0000 | |
| FFM 1,296 | FF 1,303 | SFFP 0,500 |
| FAM 1,060 | FA 1,066 | SAFP 11,285 |
| W1 90,000 | PD1 555,7 | WD 12,625 |
| W2 90,000 | PD2 555,9 | GSA 1,0 |
| W3 90,000 | PD3 556,1 | RSA 1,0 |
| W4 90,000 | PD4 556,1 | PLM 9000,0 |
| LCF from stem on CL / on sheer | | 6,186 / 6,421 |
| Maximum beam station from stem | | 8,800 |
| RM Measured / Default | | 160,9 / 153,5 |
| Limit of positive stability / Stab.Index | | 121,7° / 120,4 |
| Freeboard at mast at 4,600 | | 1,185 |

| | | |
|---------------------------------|--------------------|------------------|
| PROPELLER | | |
| Installation Strut | PRD 0,404 | |
| Type Feathering 2 blades | PBW 0,115 | |
| Twin Screw | PIPA 0,0034 | |
| ST1 0,042 | ST3 0,180 | ST5 0,252 |
| ST2 0,180 | ST4 0,112 | EDL 0,710 |

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| MOVEABLE BALLAST | |
| N/A | |


| | |
|--------------------|--|
| CENTERBOARD | |
| N/A | |



World Leader in Rating Technology

2014
IMS Measurement
Certificate

Certificate
Number **11703**
ORC Ref **FIN00005725**
Issued On **28/7/2014**
VPP Ver. **2014 1.01**
Valid until **31/12/2014**



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| | | | | | | |
|------------------------------|---------------|------|------|------|------|--|
| SAILS (Maximum Areas) | | | | | | |
| Mainsail | HB | MGT | MGU | MGM | MGL | Area Area (r) Formula |
| | 0,700 | 1,25 | 1,91 | 3,11 | 4,09 | 40,91 41,72 $P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$ |
| Symmetric | SL | SMG | SF | | | 108,98 $SL \cdot (SF + 4 \cdot SMG) / 6$ |
| | 15,48 | 8,52 | 8,16 | | | |
| Asymmetric | Not Available | | | | | |

| | | | | | | | | | | | | |
|---|------|------|------|------|------|-------|-------|-----|-----|------------|----------|---------|
| HEADSAILS | | | | | | | | | | | | |
| Area = 0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH) | | | | | | | | | | | | |
| JH | JGT | JGU | JGM | JGL | LPG | JL | Area | Btn | Fly | Meas.Date | Material | Comment |
| 0,11 | 0,69 | 1,30 | 2,42 | 3,46 | 4,41 | 14,40 | 33,74 | Y | | 28/07/2014 | Carbon | |
| 0,12 | 0,68 | 1,28 | 2,37 | 3,42 | 4,40 | 14,37 | 33,30 | Y | | 28/07/2014 | Carbon | |
| 0,08 | 0,59 | 1,14 | 2,22 | 3,31 | 4,38 | 14,29 | 31,72 | Y | | 16/04/2014 | Carbon | |
| 0,10 | 0,51 | 0,97 | 1,96 | 3,01 | 4,10 | 13,74 | 27,64 | Y | | 16/04/2014 | Carbon | |
| 0,05 | 0,40 | 0,77 | 1,57 | 2,40 | 3,30 | 13,77 | 22,13 | | | 28/04/2014 | Unknow | |
| | | | | | 2,44 | 5,99 | 7,64 | | | 13/06/2014 | Unknow | |

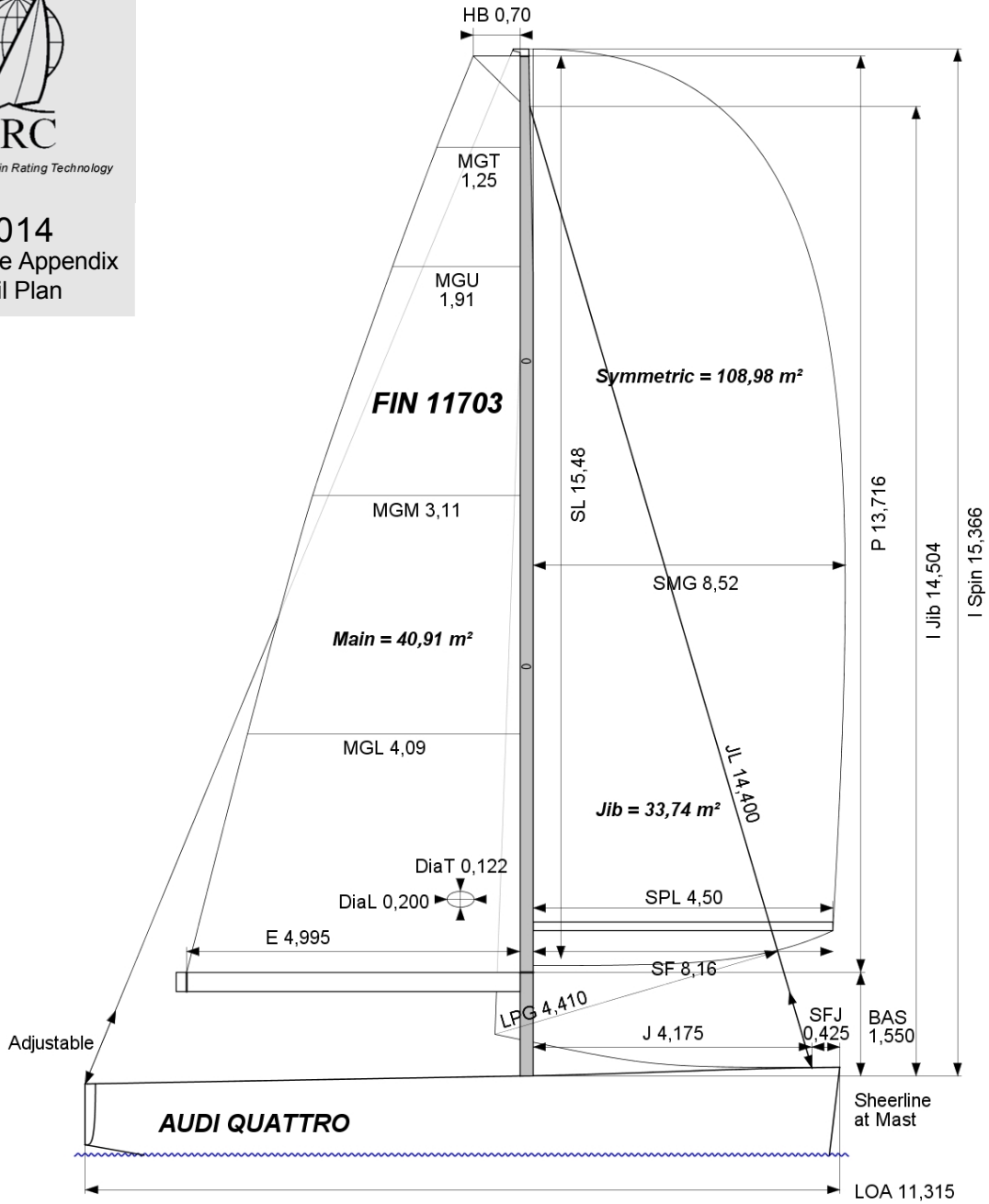
| | | | | |
|------------------------------|-------------|---------------|--------------------|------------------------|
| MEASUREMENT INVENTORY | | | | |
| Measurer BERTONE 134 | | | | |
| Date 24/04/2014 | | | | |
| Comment | | | | |
| <i>Id</i> | <i>Item</i> | <i>Weight</i> | <i>Distance</i> | <i>VCG Description</i> |
| <i>Id</i> | <i>Item</i> | <i>Maker</i> | <i>Model</i> | |
| A | Engine | YANMAR | 3YM30 (C) | |
| <i>Id</i> | <i>Item</i> | <i>Weight</i> | <i>Description</i> | |

| | | | | | | | | | |
|------------------------------|-------------|-----------------|------------------|---------------|--------------------|------------|---------------|--------------------|--|
| MEASUREMENT INVENTORY | | | | | | | | | |
| <i>Id</i> | <i>Item</i> | <i>Tank Use</i> | <i>Tank Type</i> | <i>Capcty</i> | <i>Dist.</i> | <i>VCG</i> | <i>Condtn</i> | <i>Description</i> | |
| A | Tank | FUEL | PVC | 155,0 | 8,94 | 0,13 | 0,0 | EMPTY | |
| <i>Id</i> | <i>Item</i> | <i>Weight</i> | <i>Distance</i> | <i>VCG</i> | <i>Description</i> | | | | |
| A | Ballast | 39,5 | 7,97 | 3 | Pb SIN | | | | |
| B | Ballast | 36,4 | 8,00 | 3 | PbI DX | | | | |
| C | Ballast | 8,7 | 8,62 | 0,28 | 1 Pb | | | | |
| A | Battery | 56,0 | 8,10 | 0,11 | 2 x 100 Ah 12V | | | | |
| B | Battery | 17,5 | 8,10 | 0,33 | 1 x 50 Ah 12V | | | | |



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2014
Certificate Appendix
Sail Plan



SAILS INVENTORY

| MANSAIL | | | | | | | | | | | | | | | | |
|-----------------------|-------|------|------|--------|----------|------------|-------------|------------|-------------|-------------|----------|----------|------------|-------------|----------|---------|
| Id | HB | MGT | MGU | MGM | MGL | Area | Measurer | Meas.Date | Manufacture | Material | Comment | | | | | |
| 1 | 0,700 | 1,25 | 1,91 | 3,11 | 4,09 | 40,91 | P. Lopmeri | 28/07/2014 | North | Carbon | | | | | | |
| HEADSAILS | | | | | | | | | | | | | | | | |
| Id | JH | JGT | JGU | JGM | JGL | LPG | JL | Ovrlp | Area | Btn | Fly | Measurer | Meas.Date | Manufacture | Material | Comment |
| GL | 0,11 | 0,69 | 1,30 | 2,42 | 3,46 | 4,41 | 14,40 | 106% | 33,74 | Y | | P. | 28/07/2014 | North | Carbon | |
| GM | 0,12 | 0,68 | 1,28 | 2,37 | 3,42 | 4,40 | 14,37 | 105% | 33,30 | Y | | P. | 28/07/2014 | North | Carbon | |
| JH | 0,08 | 0,59 | 1,14 | 2,22 | 3,31 | 4,38 | 14,29 | 105% | 31,72 | Y | | CRO 5 | 16/04/2014 | North | Carbon | |
| J3.5 | 0,10 | 0,51 | 0,97 | 1,96 | 3,01 | 4,10 | 13,74 | 98% | 27,64 | Y | | CRO 5 | 16/04/2014 | North | Carbon | |
| Stay s | 0,05 | 0,40 | 0,77 | 1,57 | 2,40 | 3,30 | 13,77 | 79% | 22,13 | | | Sisil | 28/04/2014 | North | Unknow | |
| Storm | | | | | | 2,44 | 5,99 | 58% | 7,64 | | | CRO 5 | 13/06/2014 | | Unknow | |
| SYMMETRIC SPINNAKERS | | | | | | | | | | | | | | | | |
| Id | SL | SMG | SF | Area | Measurer | Meas.Date | Manufacture | Material | Comment | | | | | | | |
| S2 | 15,48 | 8,52 | 8,16 | 108,98 | 206 | 17/07/2014 | North Sails | Unknown | 91502 | | | | | | | |
| S4 | 15,54 | 8,44 | 8,24 | 108,78 | 206 | 17/07/2014 | North Sails | Unknown | 89736 | | | | | | | |
| S1.5 | 15,48 | 8,46 | 8,20 | 108,46 | 206 | 17/07/2014 | North Sails | Unknown | 91501 | | | | | | | |
| S3 | 15,50 | 7,92 | 8,20 | 103,02 | 206 | 17/07/2014 | North Sails | Unknown | 89732 | | | | | | | |
| ASYMMETRIC SPINNAKERS | | | | | | | | | | | | | | | | |
| Id | SLU | SLE | ASL | AMG | ASF | Area | Kind | Measurer | Meas.Date | Manufacture | Material | Comment | | | | |