

PROTEST BY THE RULE MANAGEMENT GROUP



To: The Volvo Ocean Race Jury

Subject: **Alterations to Ericsson 4 after measurement**

Report No: VOR01-RMG **Revision:** 0

Prepared By: James Dadd **Date:** 4th January 2009

Reviewed By: Nick Nicholson **Date:** 4th January 2009

1. Submission

- 1.1. On the 3rd January 2009 the Chief Measurer noted a section of the bow of a boat in Ericsson Racing Team (ERT) colours behind the ERT containers. On enquiry, members of ERT informed the Chief Measurer that this section of hull was the bow section of 'Ericsson 4' which had been installed on the boat when it was presented for original hull measurement at the builders in Sweden on 11 June 2008. Following damage to this portion of the hull prior to the Assembly Period in Alicante, this entire section was removed and replaced with a new bow section.
- 1.2. The Rule Management Group were not informed that changes had been made to the hull that could affect the Measurement Ashore data that was derived from the original hull measurement.
- 1.3. As a result of removal of the original bow section and its replacement with a new component, original hull measurements have been invalidated. Specifically, the portion of the hull removed and replaced contained the measurement references LLF (Limit of Length Forward, see V70 Rule 3.2.1) and RPF (Reference Point Forward, see V70 Rule 3.2.3(a)). The RPF screw of the original bow section was removed and installed in the new bow section by ERT, without re-measurement by the RMG. Likewise, the new bow section was faired into the existing hull without re-measurement of LLF and LOA by a Measurer.
- 1.4. The result of this change is that the RMG do not know the actual measurements relating to these references. The measurements directly affected by these references include: LOA (Length Overall), MP (Mast Position), BSL (Bowsprit Length) and Measurement Afloat (see rule 4), which directly affects FFM (Forward Freeboard), MFM (Mid Freeboard), D (Draft) and MD (Mast Datum).
- 1.5. As stated in V70 Rule 3.1, these measurements must be carried out by a Measurer prior to issuance of a valid Volvo Open 70 Certificate. As such 'Ericsson 4' (Volvo Open 70 Hull Number 14) has not to this date held any valid Volvo Open 70 Certificate, as required in Notice of Race 5.1(g)(i).

END

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James Dadd
Chief Measurer, Volvo Open 70 Class



To: The Volvo Ocean Race Jury

Subject: Addendum to VOR01-RMG dated 4th January 2009

Report No: VOR01-RMG-Addendum A **Revision:** 0

Prepared By: James Dadd **Date:** 5th January 2009

Reviewed By: Nick Nicholson **Date:** 5th January 2009

1. Submission

- 1.1 On the night of the 4th January 2009 ERT set 'Ericsson 4' up in Measurement Ashore Condition (see V70 Rule 3.1), as required by the RMG. LLF and RPF (see paragraph 1.3 of VOR01-RMG above) were measured by James Dadd and Nick Nicholson (the Measurers).
- 1.2 Measurement was carried out using the same equipment and methodology employed during the original Ashore Measurements in Sweden for 'Ericsson 3' on the 10th December 2007 and 'Ericsson 4' on the 11th June 2008. At the time of original measurements in Sweden, no objections were raised by ERT to the measurement equipment or methodology employed, and the results were accepted as presented.
- 1.3 During measurement on 4th January 2009, the screw which had been placed by ERT as a reference for RPF, after replacement of the bow, was found to be 2mm lower on the hull than the RPF measurement screw which was inserted at the time of the original Measurement Ashore of the boat with the original bow section. This alters values found on all previously issued Certificates for 'Ericsson 4' (see paragraph 1.4 of VOR01-RMG above).
- 1.4 During measurement on 4th January 2009, LLF on the new bow section was established and LOA was measured. LOA with the new bow section was found to be 21.502m. This is 2mm longer than the original measurement taken in Measurement Ashore Condition of the boat with the original bow section.
- 1.5 V70 Rule 3.2.1 states that LOA shall not be greater than 21.500m.

END

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James Dadd
Chief Measurer, Volvo Open 70 Class