

EUROMET PROJECT FINAL REPORT

1. Ref. No.: 496	2. Subject Field: electricity and magnetism
3. Type of collaboration: comparison	
4A. Partners: BEV, CMI, OMH, SMU, Vilnius Metrology Center (VMC)	4B. CEC funded? no
5. Participating countries: AT, CZ, HU, SK, Lithuania	
6. Title: Comparison of DC Voltage Standards	
<p>7. Progress: The comparison measurements have been performed with transfer standards Fluke 732B (one CMI and second OMH) calibrated at JAVS of BEV and SMU. Before these series of measurements the OMH reference standard have been calibrated by BIPM. In 2000 the CMI reference standard have been calibrated at the JAVS of SMU and after that at the BIPM standard. The Vilnius Metrology Center reference standard Wavetek 7000 has been calibrated in the scheme VMC – SMU – VMC during the year 2001. The results of the comparison have been published in the paper of CPEM 2002 Conference Digest: P. Vrabček, J.T. Janssen, W. Waldmann, A. Šebela and V. Gegevicus:EUROMET COMPARISONS OF THE SMU JOSEPHSON ARRAY VOLTAGE STANDARD. The publication in the scientific journal is in preparation.</p>	
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9. Completion date: January 2002	10. Coordinator's signature:
11. Date:4.4.2003	