

**EUROMET PROJECT
FINAL REPORT OF COMPARISON**

1. Ref. No.:497	2. Subject Field: Electricity	
3A. Partners: NPL, SMU (institutions)	3B. CEC funded? no	
4. Participating countries: GB, SK		
5. Title: Bilateral Indirect Comparison of 10 V DC Voltage Standards		
<p>6. Result: The reference standard Fluke 732B has been used for comparison of the SMU and NPL Josephson array voltage standards at the nominal level of 10 V. The calibrations at SMU have started on September, 8th, 1997 and finished on October, 7th. The calibration at NPL have been carried out in the period September, 24 –30. The course of the measured values is shown in figure .</p> <p>The standard combined uncertainty of the comparison is 350 nV. The difference voltage gives : $V(\text{SMU}) - V(\text{NPL}) = 55 \text{ nV}$. Further information is available from the coordinator.</p> <div style="text-align: center; margin: 20px 0;"> </div>		
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8. Completion date: February 2001	9. Coordinator's signature:	10. Date: 19.3.2001

Notes for completion of the form overleaf

*) Delete as appropriate