9.2 Instrument Transformers - J. E. Smith, Chair

9.2.1 Chair's Remarks & Announcements:

The Study Group for Standard C57.13.2 "Conformance Test Procedures for Instrument transformers" recommended that the document should be sent to the members of IT Subcommittee for a survey.

9.2.2 Topics of Discussion:

New Task Force on C57.13.5 - Test Requirements for High Voltage Instrument Transformers 115 kV Nominal System Voltage and above

A mandate for the new task force on the revision of C57.13.5 was developed and voted on. The stated objectives are: To prepare for the first revision of C57.13.5 based on feedback from users, including the addition of new requirements.

C57.13 Revision

It was agreed by unanimous vote that the C57.13 standard should be split into 1 standard for CT's and one for VT's, similar to IEC 60044-1 and –2. It was also agreed to divide the standards into 2 voltage ranges. This could result in 4 standards or 2 standards with 2 parts each. This will be carried out by the WG for the revision of C57.13. It will also be taken into account by the TF on C57.13.5.

There was a recommendation to remove test methods from C57.13 as they are not normally included in equipment standards This will also be addressed by the WG for the revision of C57.13.

Partial Discharge Test Guide

The possibility of setting up a task force to produce a PD Test guide was discussed. A draft was produced many years ago, which may provide a starting point. Tony Jonatti will provide copies to the SC members for consideration.

Working Group Productivity

Concerns were raised about the rate of standards development, particularly considering the 5-year life limit. It was agreed that more communication between WG members is needed between Transformers Committee Meetings. This could take the form of circulating information via Email and/or scheduling meetings outside of Transformers Committee Meetings.

Tony Jonatti has resigned as IEC TC38 representative and Vladimir Khalin has taken his place and will report at the next meeting.

9.2.3 Working Group Reports:

9.2.3.1 WG C57.13.5 - Working Group on Test Requirements for High Voltage Instrument Transformers 115 kV Nominal System Voltage and above – Joe Ma

The meeting was co-chaired by Pierre Riffon.

(1) Total 16 attendees (6 members and 10 guests).

(2) The minutes of spring 2001 meeting held at Amsterdam were approved with no change.

(3) The draft 14.2 was surveyed within the SC. Since we got a majority approval, after resolving the two negative votes, the revised Draft (D14.03) will be submitted to the Editorial Section for review. Subsequently, we will submit the Draft to the Committee for ballot.
The WG PC57.13.5 will form a new task force under the chairmanship of Ross McTaggart and Pierre Riffon to do the groundwork for future WG on the document developed.

(4) The remaining time of the sessions was devoted to the resolution of the two negative votes. The outstanding change is the retraction of the entire section on Transport Test and the related annex as the majority of the attendees considered the test is controversial.

(5) The remaining comments were essentially editorial. Proposed revisions were reviewed and accepted.

(6) The Draft will be revised in reference to the discussion in the session. It will be tentatively ready for Editorial Department review by the end of November 2001.

(7) Possible subjects for inclusion in the first revision were discussed, including:

- Transient Performance Requirements
- Balance CT's for Capacitor Bank Protection
- Station Service VT's
- Definition of realistic burdens

The need to coordinate with the Relay Committee activities and Standards was also expressed

9.2.3.2 WG C57.13.6 – Working Group on Instrument Transformers for use with Electronic Meters and Relays – Chris Ten Haagen

This WG did not meet

9.2.3.3 Working Group on C57.13 Revision – Tom Nelson

This WG did not meet but the subject was discussed in some detail in the SC meeting (see above)