

# TENTH WORLD CONFERENCE ON NONDESTRUCTIVE TESTING

## MINUTES OF THE 15<sup>TH</sup> INTERNATIONAL MEETING

Moscow, Russia – USSR

August 22, 1982

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### List of Attendants

M. Mikheev	USSR, President
V. Klyuev	USSR, Vice-President
L. Heard	Australia, Vice-President
V. Gerasimov	USSR, Vice-President
T. Goldfinch	Australia
J. Cole	Australia
O. Ganglbauer	Austria
G. Aufricht	Austria
P. De Meester	Belgium
A. Skordev	Bulgaria
S. Brisighello	Brazil
G. Shewchuk	Canada
J. Zirnhelt	Canada
C.F. Ying	Chinese People's Republic
L. Cizek	Czechoslovakia
J. Obraz	Czechoslovakia
S. Lund	Denmark
K. Rimmer	Denmark
J. Sillanpaa	Finland
B. Vieillard-Baron	France
H. J. Kopineck	FRG
W. Bock	FRG
W. Morgner	GDR
R. Reti	Hungary
T. Konkoly	Hungary
O. Singhanian	India
G. Colombi	Italy
G. Nardoni	Italy
N. Niwa	Japan
S. Saito	Japan
G. Van Dijk	Netherlands
A. Jensen	Norway
Z. Pawlowski	Poland
J. Mottl	Poland

J. Villate	Spain
B. Holmgren	Sweden
R. Sharpe	United Kingdom
A. Bond	United Kingdom
J. Aman	USA
B. Risinger	USA
A. Sirco	Yugoslavia

### **1. President's Welcome**

The President welcomed delegates of the NDT International Meeting and wished them an enjoyable and profitable visit.

### **2. Changes in Delegations**

The list of delegates which is compiled according to the letters received by the Secretariat of the 10<sup>th</sup> Conference, appears above.

### **3. Approval of the Minutes of the 14<sup>th</sup> Meeting held in Melbourne on November 22, 1979**

The minutes of the 14<sup>th</sup> Meeting were adopted subject to the following amendment of Mr. Kopineck (to item 4 of the agenda, the last paragraph), who proposed to concentrate all efforts in the field of personnel qualification. He asked the ICNDT to recommend the following procedure.

- a) installation of a 3-level system
- b) concentration of this system on the testing
- c) definition of minimum requirements of knowledge, experience, and skills for the testing methods and levels.

He said that the FRG NDT- Society was willing to produce a first draft of detailed requirements for US Methods at three levels.

### **4. Report on the activity of the International Committee since the 9<sup>th</sup> Conference**

The President stated in the Report that since November 1979 till now the ICNDT, its delegates, and its president have been performing all round activities aimed at the organization of the 10<sup>th</sup> World Conference in Moscow in August, 1982.

Contacts with numerous scientists, experts, companies and enterprises in many countries had been established.

Coordinating work on preparing reports covering the subjects of the Conference had been carried out.

A Glossary of terms frequently used in nondestructive testing had been composed and published for the participants and interpreters.

Certain steps had been taken to bring various institutes and companies into participating in a specialized exhibition on nondestructive testing devices ("Introscoپیya-82").

Seven volumes of the Conference Proceedings had been published including all the papers received from foreign scientists and experts despite the late submission of some of the foreign papers.

Hardware (translation services) for the 10<sup>th</sup> World Conference on Nondestructive Testing in Moscow has been provided.

Thus, the required conditions for the Conference work in the Centre of International Trade and Scientific and Technical Cooperation with Foreign Countries had been created.

Much attention has been given to the implementation of the decisions taken earlier and resulting from the ICNDT Terms of Reference.

ICNDT performed its activities on the basis of the aims to promote international cooperation in the field of development and utilization of various NDT methods.

The ICNDT activities induce the formation of not only national but also regional NDT organizations like European and Pan-Pacific, two European conferences having already been held (Meinz-1978, Vienna-1981) and the third one scheduled for 1984 (Firenze).

While discussing the President's report, the delegates thanked the USSR Organizing Committee for the successful preparation of the conference and expressed a desire for further edition of "News Letter" being of help in coordinating the work.

The Committee took into account the declaration of the Italian delegation that the question of Italian membership in the ICNDT would be settled inside their country.

Mrs. Brisighello expressed for Brazil to receive regular information on the ICNDT activities.

S. Brisighello, B. Holgren, J. Aman proposed that the national reports of ICNDT member countries be collected.

Mr. Pawlowski proposed to include a list of the NDT national conferences into Supplement B to the Report. Mr. Villate advised that the 4<sup>th</sup> National NDT Congress will be held in Spain in September, 1982.

The Committee recommended to the WCNDT members to submit to the 12<sup>th</sup> WCNDT Organizing Committee within the period of three months additional materials on the activities of NDT national committees.

The Committee requested that the USA National Committee summarize the materials and distribute them among the ICNDT member countries.

## **5. Approval of the Terms of Reference and recommendations for organizing future NDT Conferences**

Mr. Kopineck proposed to hold the WCNDT once every four years, with regional conferences being held between them.

Mr. Mikheev and Mrs. Risinger suggested that this proposal be considered when discussing item 6 of the agenda of the present meeting.

The suggestion was accepted.

Mr. Sharp said that clause 3.22 of the Terms of Reference should provide for assistance in formulating national standards.

The Committee adopted the Terms of Reference and recommendations for organizing future NDT conferences in view of the amendments and additions made at the 14<sup>th</sup> Meeting. The Committee also recommended to introduce further amendments as they are submitted beginning with the 12<sup>th</sup> WCNDT.

## **6. Place and Date of the next World Conference**

At the 14<sup>th</sup> Meeting it was decided in principle that the 11<sup>th</sup> Conference be held in the USA in 1985.

Mr. Aman informed the delegates about the work being carried out for the preparation of the 11<sup>th</sup> Conference.

The Committee unanimously adopted the proposal to hold the 11<sup>th</sup> Conference in the USA in 1985. Mr. Singhania expressed a desire that the countries, organizers of future conferences, should try to make reasonable the expenses of the participants.

In view of the different opinions expressed by the ICNDT members concerning Mr. Kopineck's proposal to hold conferences once in four years, the Committee decided to consider it in the lobby and return to this question at the 16<sup>th</sup> meeting.

Mr. Kopineck proposed that the question concerning the 12<sup>th</sup> WCNDT be discussed in 1985.

At Mr. De Meester's request the delegates were informed about the official proposals received by the Secretariat from Japan, the Netherlands, and India to host the 12<sup>th</sup> WCNDT.

Mr. Colombi informed the delegates that Italy could also host the 12<sup>th</sup> WCNDT and wished to consider this possibility.

The Netherlands and Brazil expressed a desire to host the 13<sup>th</sup> WCNDT if the 12<sup>th</sup> WCNDT should be held in some other country.

The Committee decide to consider these proposals at the 16<sup>th</sup> meeting.

## **7. Consideration of Membership Applications**

Mr. Morgner informed the delegates of the state of the NDT activities in the GDR and on behalf of the GDR National Committee applied for membership in the ICNDT.

The Committee unanimously accepted the German Democratic Republic for membership of the Committee and congratulated Mr. Morgner on this event.

## **8. Training and certification of NDT personnel**

Mr. Kopineck reported on training and certification of NDT personnel. He

proposed that the requirement for training and certification of personnel in the field of ultrasonic and radiographic inspection be accepted.

The delegates thanked Mr. Kopineck for the information.

The Committee received documents on training and certification of NDT personnel from the Scandinavian countries, the FRG, Italy, the Netherlands, and Brazil.

The Committee states that a three level program of training of NDT personnel for acoustic methods could be considered as basically effected at present. Favourable opinions of the program's basic concepts have been reported from representatives of several countries.

Messrs. Pawlowski and De Meester proposed a draft program on radiation methods. Programs are being developed in some countries in the field of magnetic, eddy current, and other methods.

The delegates proposed for achieving coordination of national training programs on a bilateral basis. They also spoke for common training standards. It was pointed out that more precise criteria are needed to distinguish the levels of training.

Mr. Sharpe advises that the programs on ultrasonic and radiographic methods should be considered by the Working Group.

Mr. Mikheev proposed that the prepared programs be approved and the Working Group be enlarged. He said that Prof. V. Gerasimov was a USSR candidate for membership in the Working Group. The Committee considers it necessary to intensify the Working Group activity and calls for all the members of the ICNDT to contribute to it.

At Mr. Pawlowski's request the Committee asks Mr. Kopineck to arrange a Working Group meeting inviting all those interested from the ICNDT member countries to participate in it. The Committee also asks the participants in the meeting to work out recommendations as to the candidature of the Working Group chairman.

Dr. Reti pointed out that the Hungarian delegation accepted the draft. The minimum requirements for NDT personnel training in Hungary are as follows:

At present the first and second levels of training are realized together. In the future the two levels may be separated, alternatively the first level training could be organized at the working place with an examination followed by a lecture and another examination.

Hungary is the first country where the NDT personnel training and certification is exercised on the basis of official procedure. The problem is which of the two above ways to choose.

Mr. Sharpe proposed that national NDT training standards be approved.

The composition of the Working Group is to be approved of at the 16<sup>th</sup> Meeting when considering item "Miscellaneous" of the agenda.

The Committee asks the Working Group to report its work at the 17<sup>th</sup> Meeting of the ICNDT.

## **9. Agenda for the 16<sup>th</sup> Meeting**

The Committee adopted the Agenda of the 16<sup>th</sup> Meeting in view of amendments concerning places and dates of future conferences.

#### **10. Miscellaneous**

Mr. Klyuev informed delegates on the procedure of the opening ceremony of the 10<sup>th</sup> Conference, as well as the order for the 16<sup>th</sup> Meeting. The President thanked all those present for the work done and declared the meeting closed.

The meeting closed at 17:00 hours.