

1. Agenda

President Van Dijk (Netherlands) called the 20th ICNDT meeting to order at 13:44 hours and welcomed all attending this meeting. He mentioned that this would be the last meeting with an official status. If necessary, he would be available for the 21st meeting on April 2, 1989.

The sequence of the agenda will be changed. Agenda item 5 will be dealt with after agenda item 2.

Professor De Meester (Belgium) could not be present at the 20th meeting, Mr. Deliege took his place. Two observers have been invited: Mr. H.J. Kopineck, honorary member of ICNDT, as well as Mr. G. Wheeler for his experienced knowledge on qualification and certification of NDT personnel (agenda item 6).

The meeting commemorated Mr. McMaster and Dr. Zisek with a moment of silence.

2. Minutes of the 19th ICNDT meeting of April 23, 1989

President Van Dijk suggested to go through the minutes page by page:

Page 1- no comments

Page 2- no comments

Page 3- no comments

Page 4- no comments

Page 5- no comments

Page 6- "ISO TC SC7, 9712-2" should read "ISO TC SC7, 9712-3"

Page 7- no comments

Mr. Sharpe (United Kingdom) noted that the opening of section (page 6) in which Mr. Harding gave his exact function, should be integrated in the opening paragraph on page 1.

Attendance List/Page 1

Mr. Ostrowski clarified that Professor Pawlowski is non-voting delegate and that he himself is the voting delegate.

Attendance List/Page 2

Dr. Liu (China) proposed to change the title "Observers from countries applying for membership" into "Observers from countries/regions applying membership", which proposal is accepted.

3. Terms of Reference

a) Size and status of ICNDT delegations

b) ICNDT membership for international bodies e.g. ISO and IIW

All present were handed out a proposal for change of ICNDT Terms of

Reference, set up by Messrs. Aman, Nardoni and Van Dijk according to the assignment decided upon at the 19th meeting. The complete article 4 "Membership" has been redrafted as a draft.

Article 4.1 gives the definition that members are societies, committees on nondestructive testing, being non competitive to other societies in a particular region.

Article 4.2 specifies how to apply for membership. Written applications should be submitted to a working group, which check all information given by a society applying for membership. It is the purpose of ICNDT to get a network of nondestructive testing societies all over the world.

Article 4.3 states that there may be more than one non-voting delegate, but these non-voting delegate should have the consent of the ICNDT president. The voting delegate should be able to designate somebody else who will bring out his/her vote. This designation should be carried out in writing to the president and the time of the designation should be specified.

Article 4.4 is about the same as before. There should be no commercial interest.

Article 4.5 is basically the same as before.

Article 4.6 concerns additional observers, specialist on certain fields, who may be invited to attend the ICNDT meetings but only with the consent of the ICNDT president.

Article 4.7 allows other organizations to apply for permanent observer status. After this explanation President Van Dijk opened the item for debate.

The Indian delegate stated that the younger generation should also be involved in the ICNDT. He agreed that it is important that the delegates should be retained as long as possible. President Van Dijk agreed that the youngsters should be included in the activities.

Mr. Sharpe (United Kingdom) asked for clarification of the term "region" and furthermore, whether this change in Terms of Reference should be used to include the disqualification of membership if a delegate does not attend a certain number of meetings.

Dr. Kopineck (invited as observer) stated that a change in Terms of Reference is only possible when the members have seen the proposal nine months in advance of the next meeting. This change in Terms of Reference can only be decided upon in the next meeting. Especially article 4.1 is most important because only one organization per country is allowed up till to date.

President Van Dijk responded that the idea is to allow regional applications. Applications filed should also state the region definition. In article 4.2 it is stated that the application is going to be dealt with by a working group. Furthermore, it is stated in article 4.1 that the societies should be non competitive.

President Van Dijk also responded to Mr. Sharpe's proposal about the disqualification of members. He suggested that a delegate should draft an article for the Terms of Reference covering this problem. It could be sent to all delegates through the secretariat and be put to debate in the next meeting.

Professor Pawlowski (Poland) quoted from the present Terms of Reference in which it is mentioned that proposals for change in Terms of Reference should formally be sent to all members nine months before the meeting. As this rule has not been followed, the change in Terms of Reference cannot be dealt with in this meeting.

President Van Dijk clarified that the proposal on the table is up for debate, the meeting moves to an initial agreement and that the proposal can be voted upon in the next meeting in 1992 or by postal ballot.

Mr. Nardoni (Italy) stated that the first aim of ICNDT is nondestructive testing and non politics. This draft has been given to all members present in order to enable them to examine the proposal. The procedure proposed enables the committee to exactly check through the working group- whether the organization applying for membership is representing a region, country etc.

Motion proposed by President Van Dijk for a decision in principle for the structure as drafted for the change in Terms of Reference. The motion is seconded by Mr. Szucs (Canada). Professor Pawlowski is against referring to article 14.1 of Terms of Reference. Mr. Liu (China) is of the opinion that it goes too fast, that one should study this proposal more carefully and perhaps move to another draft. Mr. Aman clarified that one is trying to find out whether the meeting agrees in principle with the structure of the draft. Motion went for voting. Motion did not carry. Tally: 14 for, 14 against, 2 abstentions)

Professor Pawlowski explains that it is a violation of Terms of Reference article 14.1. Mr. Beckley (USA) proposed that all delegates will receive this proposal by mail for a letter ballot prior to the next meeting. The French delegate stated that a change in Terms of Reference cannot be voted upon by letter ballot, see article 14.2 of Terms of Reference. Motion by Mr. Beckley to vote upon the change in Terms of Reference at the next meeting, seconded by Mr. Szucs (Canada). Tally: 15 for, 5 against and 5 abstentions. Motion did not carry.

Mr. Nardoni (Italy) is of the opinion that it is important to allow other organizations to become members. It will improve the work of the ICNDT. He put the questions to the floor, whether the members are convinced that the contents of this proposal is of importance to the further work of ICNDT: whether the meeting agrees in principle with the proposal and after that the meeting can decide to handle the matter according to the Terms of Reference. It means that four years will be lost.

President Van Dijk mentioned that at the 19th ICNDT meeting of April 23, 1989 the Terms of Reference change had been discussed and that the 10th ICNDT meeting gave Mr. Nardoni the task to draft a proposal. There is a firm need for clarification on the status of delegations. Currently ICNDT only recognizes individuals representing a national body.

Mr. Farley (United Kingdom) stated that the proposal is good and that it meets the requirements mentioned in the 19th ICNDT meeting. Mr. Farley suggested to ask the member to comment on the proposal and to vote upon it at the next meeting in four years time. Mr. Aman (USA) wanted to know whether there cannot be a postal ballot on this issue as it concerns changes in Terms of

Reference. President Van Dijk announced his intention to formally refill the proposal as an individual delegate.

4. Next World Conferences

a) Proposals for the 13th and 14th Conference

President Van Dijk remembered the meeting that at the 10th meeting both Brazil and India presented their countries, gave additional information and documentation. Professor Pawlowski remembered the audience that in the past world conferences on nondestructive testing were held in years in which a particular country celebrated a certain event. When it was held in Poland, it was done so in connection with the celebrations of the "year of Polish science" as well as with the remembrance of Copernicus' birth 500 years ago. Canada organized it in 1967 to include it in the celebrations of the 100 years of federation. The Federal Republic of Germany combined the conference in 1970 with the celebration of the discovery of Tontgen 75 years ago. The 1992 Brazil proposal will coincide with the celebration of the discovery of America 500 years ago.

The Indian representative is of the opinion that the choice of a site for the next world conference should not be based on sentimental values but on technical grounds. The members should consider which country is the best to organize the event.

Mr. Nardoni remembered that in the past he had urged for India to organize the event, but due to the developments in the South American region (with all new organizations applying for membership) he changed his opinion. The conference should go to South America as an award for their efforts.

The Indian delegate thanked all present for their kind sentiments. Since the last conference in Las Vegas, India managed to combine the two nondestructive testing organizations, which is, in his opinion, more difficult than founding new ones.

President Van Dijk proposed to vote first of all for the sequence Brazil-India and in the second vote India-Brazil. Mr. Szucs (Canada) seconded the motion. Sequence Brazil-India, Tally 23 for, Sequence India-Brazil, Tally 4 for, 3 abstentions.

The Indian delegate formally stated that India is prepared to organize the 14th WCNDT. The responsible society will be the Indian Society of Nondestructive Testing in Madras. The contact person will be the acting Managing Director of the Society.

The Brazilian delegate formally accepted the task that Brazil will organize the 13th WCNDT. The responsible society will be ABENDE. The contact person will be Dr. Perigo, president of ABENDE.

Both societies are applauded by the floor.

The 13th World Conference is envisaged to be held from October 11, to October 16th, 1992 in the city of San Paulo.

b) Proposals for the 15th World Conference

Canada and Italy applied for organizing the 15th World Conference. Mr.

Szucs (Canada) cannot give specific dates yet. Mr. Nardoni (Italy) clarified that Italy has never organized a world conference on nondestructive testing and furthermore, Italy was one of the founders of the ICNDT in 1955. After South America and Asia the Conference should come to Europe, Rome.

c) Period Between World Conferences

Mr. Sladojevic, current President of the European Committee on Nondestructive Testing, submitted a resolution adopted by ECNDT considering a change of intervals between world conferences from approximately three years to approximately four years. Regional conferences could be organized in between the world conferences at a regular interval as well: dates should be combined. The resolution calls for ICNDT consideration and approval. Mr. Heard (Australia) stated that the four year period is already mentioned in the Terms of Reference, article 9.3.

Mr. Aman (USA) asked whether this requires a change in Terms of Reference, to which President Van Dijk clarified that this is not the case at the moment. The ECNDT just asked for a coordinated sequence of events, so dates would not clash. It concerns four type of events:

- World Conference
- European Conference
- Pan- Pacific Conference
- Latin-America/Caribbean Conference

Mr. Sharpe (United Kingdom) proposed to retain the flexibility the ICNDT is at the moment following, but that coordination is important.

Mr. Aman (USA) drew the attention to the fact that if world conferences are going to take place, e.g. four years and one month after the last one, it requires a change in Terms of Reference. Mr. Heard (Australia) mentioned that a change in intervals for world conferences will be agreeable for European members but this will not be the case for members in the Asian/Pacific region. It is much more difficult to organize a conference in that region than it is in Europe, so a change to longer intervals between world conferences will be opposed by Australia.

The Indian delegate, Mr. Viswoswaran, is of the opinion that ICNDT is the major organization and that other organizations should adjust to the ICNDT, which idea is supported by Mr. Heard.

Motion by Mr. Nardoni (Italy) to make a planning for WCNDT preferences: 1992 October, 1996 February and 2000, which motion is seconded by Mr. Sharpe (United Kingdom). Motion carried. Tally: 28 for, 2 against and 2 abstentions.

This motion will give enough information to the secretariat in order to answer the letter of ECNDT, as well as to inform the Pan-Pacific and Latin-American offices.

5. New Membership Applications

The conclusions of the working group checking the membership

applications have been handed out to all delegates present. The conclusions are attached to these minutes. All representatives from organizations applying for membership, except the representatives from Greece and Tunisia, have been interviewed by the working group. The societies have been checked on seven elements and all societies are recommendable for membership. Additional declarations from four organizations were filled and attached to the report.

Dr. Sharpe (United Kingdom) wished to congratulate the working group on their thorough report and proposed to accept the recommendation as a motion which is seconded by Mr. Beckley (USA).

Mr. Kopineck (invited as observer) had some questions to this, stating that a lot of information have been given in the documentation.

President Van Dijk stated that the item has been discussed during the 19th meeting on April 23, 1989. The working group went through all documentation submitted by the organizations.

Mr. Liu (China) asked for clarification on the membership application by China-Taiwan. President Van Dijk explained that the membership application has been checked on technical points and excluding political issues.

The motion was put forward by Mr. Sharpe (United Kingdom) is seconded by Mr. Beckley (USA) and voted upon. Tally: 21 for, 0 against and 6 abstentions. Motion did not carry as 22 in favour is needed to carry the motion.

Mr. Serrano (Spain) noted that there have been differences in voting. The first vote counted 30, the second one counted 31 votes and on the current one there is a total of 2. He supposed that not everybody present voted. The former vote is declared invalid. The voting is carried out again by standing up. Tally: 24 for, 1 against and 7 abstentions (total 32 votes). Motion carried.

President Van Dijk moved to a notion that this in no way implies that ICNDT recognizes countries or regions that may politically implied. Mr. Szucs (Canada) seconded the motion.

Mr. Egelkraut (Federal Republic of Germany) is of the opinion that all votes should be carried out once more. There may have been miscounting earlier in the meeting. Upon this remark, President Van Dijk asked the floor whether revoting is necessary. Mr. Szucs (Canada) is of the opinion that only the last vote required a 2/3 majority, the other votes not, so that those votes stand.

The motion of President Van Dijk and seconded by Mr. Szucs is voted upon. Tally: 21 for, 1 against and 11 abstentions (total of 33).

After having congratulated all new members, Dr. Aymar of Peru thanked in the name of all new members ICNDT and promised to do their best for the development of ICNDT in their countries/regions.

As the delegate of the USSR had to leave the meeting, he informed President Van Dijk that the representative of Bulgaria will represent the USSR.

6. Qualification/Certification NDT Personnel

Professor Pawlowski informed the floor that the working group met on April 24, 1989 of which the minutes are handed out to all present. The minutes of this meeting are attached to this document. Especially item no.3 "Present

state of work of ISO TC 135/SC7" is important. The comments of ICNDT members should go through their national bodies to ISO. Items no. 3 and 4 are connected. Item no. 4 should be completed by "requirements accepted in Las Vegas in 1985." 33 persons attended the meeting of the working group. In the list of attendants Mr. Aufricht of Austria has been forgotten. As far as it concerns the compiler, a list of Nondestructive testing societies offering training is meant to be informative. Saravejo 1990 should read 1991.

The working group is chaired by Professor Z. Pawlowski and others are being invited to attend. The working group is open to everybody willing to contribute to the work of the group. All mail for the working group may be sent to Professor Pawlowski through the current ICNDT secretariat. President Van Dijk thanked Professor Pawlowski for his work. The training and education shows a gap in the period 1970-1982.

Mr. Bosselaar (Netherlands) informed the floor on the implementation of the qualification of NDT personnel in the European countries. Mr. Harding, Secretary of ISO/SC7, has been informed on the outcome of the informal meeting. President Van Dijk thanked Mr. Bosselaar for his report on the meeting. Note: Mr. Harding gave Mr. Bosselaar the authorization to act in his name as well in reporting the ISO opinion at the present ICNDT meeting.

It is recommended to promote the use of the draft standard. With respect to the accreditation of examination test centres Mr. Harding likes to call upon the British documents. This all implies most probably an extra meeting of the subcommittee. The informal European group also discussed mutual recognition and came to two conclusions:

1. Short run solution: bilateral agreements as by need and taste
2. In the long run adopting international standard as a minimum and supervision of a national coordinating certifying body.

The question is whether ICNDT should act on these recommendations or should the executive office write in accordance recommendations. Mr. Kopineck is of the opinion that it can be discussed and give it to the working group of Professor Pawlowski, so that the group can work with it. Mr. Konkoly asked whether the minutes of the present meeting are going to be distributed amongst other bodies. President Van Dijk stated that the minutes will not be distributed but that only a letter will be drafted and sent out of which letter all ICNDT members receive a copy. Mr. Beckley (USA) requested a further explanation as in the document it says "amendment", but it concerns "an expression of opinions." It is to keep the communication going. ICNDT will not convey messages it does not like.

Mr. Bosselaar once more stated that it is intended to avoid a multiplicity of bilateral contracts.

Mr. Wheeler (USA) asked for clarification on the issue of National certification bodies. Mr. Bosselaar explained that national certification bodies are supervised by bodies on (near) governmental level. Mr. Bosselaar mentioned that the national certification bodies will internationally communicate on governmental level.

The executive office of ICNDT will be as informative as possible towards its members on this issue. Mr. Aufricht (Austria) is of the opinion that if there is anything to report, then this information should be distributed to all members. Mr. Nardoni (Italy) understood that ASNT is a strong body, but reminded organize an international certification body accepted in the different countries.

As far as it concerns item 3.3 of the working group of Professor Pawlowski, Mr. Feddercen is the ISO intermediate. He already has agreed to communicate matters of interest to the ICNDT secretariat.

Interruption by Mr. Liu (China) who would like to bring forward a motion concerning the new memberships. He agrees to the 13 new memberships, but he opposes against the membership of Taiwan and that the membership of Taiwan can only be considered after change in Terms of Reference. President Van Dijk mentioned that it will be dealt with later in the meeting.

7. Role of NDT Societies in Promoting

- the teaching of NDT in schools and Universities
- growing fields on NDT application

This item has been put on the agenda on the request of Italy. Mr. Nardoni is given the floor. He stated that the Italian society is promoting nondestructive testing at schools and universities by organizing seminars for teaching personnel. It is important that the national nondestructive testing societies support schools and universities in this field. Momentarily, the main fields are nondestructive testing in construction and nondestructive testing society belong to the so-called "non-metal areas". Mr. Nardoni proposed to localize the individuals that have knowledge in certain fields.

President Van Dijk is personally of the opinion that national societies should take the lead in generating new issues, that training is an effective way of communication between countries, but first of all a certain language should be selected (e.g. English) to facilitate international exchange of training material. No consensus was agreed upon.

8. Response to Research and Development Inquiry (Dr.R.S. Sharpe)

The history of this is as follows. At the Melbourne conference it was suggested that the subject of a register on research might be carried out through ICNDT as an activity between conferences. Apparently, it is not a practical task, to set up such a register under the responsibility of ICNDT. Only two countries responded in a positive way. A large number of problems (confidentiality, etc.) associated with such an activity. There is a lack of understanding within universities on what nondestructive testing is. The information was put into the Harwell computer. It appeared that it would be a fairly costly business to put the data in. Mr. Sharpe recommended not to continue this activity. President Van Dijk thanked Mr. Sharpe for his efforts and wished to express his personal regrets.

9. Further Business

-Draft letter to UNIDO/IAEA

A draft letter has been set up on which all delegates present received a copy. If nobody present is opposing to this draft, it will be sent to the executive office. There are no objections.

-Honourary members ICNDT

Two individuals are proposed for honourary membership:

1. Mr. H. Bosselaar

2. Mr. A. de Sterke

Motion proposed by Mr. Aman (USA) and seconded by Mr. Kljuev (USSR)

Tally: 32 for, 0 against, 0 abstentions

The flag of the 12th WCNDT is handed out to Mr. Bosselaar. Mr. Bosselaar thanked the ICNDT and expressed his hope that nondestructive testing will have a future perspective, because there still is a lot to accomplish.

-Membership of Taiwan, China

Mr. Liu (China) brought forward that the report proposing 14 new members was only received just before the meeting and that one did not have enough time to study it. The meeting was put for a block motion to accept 14 new members. As long as the Terms of Reference have not been changed, Taiwan cannot become a new member.

President Van Dijk put forward that the report was only just ready when it was handed out.

Mr. Liu proposed a motion that the membership of Taiwan can only be voted upon after the change in the Terms of Reference has become effective.

Mr. Nardoni (Italy) made the observation that ICNDT is supposed to be non-political. Science and technics are going over the limit of politics. To which Mr. Liu replied that the Terms of Reference are non-political as well. Mr. Kopineck (invited as observer) is of the opinion that this is a serious problem. First of all the Terms of Reference exist, and the Terms of Reference have to be followed. Mr. Egelkraut (Federal Republic of Germany) seconded the motion of Mr. Liu.

Mr. Chen of Taiwan expressed his regards to the meeting and explained that the society he represents is a private and non-political society.

The motion is voted upon. Tally: 6 for, 12 against, 12 abstentions. Motion did not carry.

President Van Dijk hoped that the Terms of Reference will be changed as soon as possible.

Mr. Kopineck hoped that the problem on article 4 of Terms of Reference will be solved as soon as possible as well. Professor Pawlowski stated that this situation asks for a solution and perhaps the creation of a new working group could help. It is a very important question.

President Van Dijk reminded the members of article 3 of Terms of Reference in which is stated that ICNDT will try to promote the establishment of

societies that deal with nondestructive testing. The working group on Terms of Reference has presented its proposal to this meeting, taking this article in mind.

-Other Business

The New Zealand delegate invited all present to attend the conference in 1990.

Dr. Sharpe thanked President Van Dijk and the Netherlands society for the hospitality and wished that the delegates should not leave the meeting in disharmony but that everybody should work together.

President Van Dijk thanked Dr. Sharpe for his words.

10. Adjournment

At the proposal of Mr. Szucs (Canada) the meeting is adjourned by President Van Dijk. The 21st meeting is scheduled on October 11, 1992 at 14:00 hours in San Paulo.

**INTERNATIONAL COMMITTEE
FOR
NON-DESTRUCTIVE TESTING**

TERMS OF REFERENCE

**AND RECOMMENDATIONS
FOR THE ORGANIZATION
OF FUTURE WORLD CONFERENCES
FOR NON-DESTRUCTIVE TESTING**

1985

TERMS OF REFERENCE

Adopted in Montreal, Canada, May 1967
Revised in Melbourne, Australia, November 1979
Revised in Moscow, USSR, August 1982

1. Definition

- 1.1 Non-destructive testing is a procedure which covers the inspection and/or testing of any material, component or assembly by means which do not affect its ultimate serviceability.
- 1.2 In the present state of knowledge the following methods of non-destructive testing are included:
 - a) radiation transmission
 - b) ultrasonic
 - c) eddy-current
 - d) electric and magnetic
 - e) liquid penetrant
 - f) visual and optical
 - g) determination of physical and technological properties
 - h) acoustic emission

This list is not intended to be exclusive but merely indicative of the nature of tests involved.

2. Name

The organization shall be known as the International Committee for Non-Destructive Testing. The abbreviated terms "International Committee" or "ICNDT" used below will be taken to refer to this organization.

3. Objectives

- 3.1 The objectives of the International Committee shall be to promote international collaboration in all matters relating to the development and use of all methods of non-destructive testing.
- 3.2 To this end, the International Committee shall, in association with National Organizations in non-destructive testing:
 - 3.2.1 Encourage the organization of World Conferences on the methods and uses of non-destructive testing at intervals of three to four years.
 - 3.2.2 To encourage the formulation of International Standards on non-destructive testing in collaboration with the International Organization for Standardization (ISO) and National Standards Bodies.

- 3.2.3 Encourage the formation of National Organizations on non-destructive testing so that accredited national representatives to this Committee can be appointed.
- 3.3 The International Committee shall not engage in commercial or trade activities, and shall not concern itself with wage rates, prices or markets.

4. Membership

- 4.1 The International Committee shall be made up of one representative of each country, nominated by an appropriate national body in that country which has registered its intention to collaborate and co-operate in the work of the International Committee.
- 4.2 Each country may nominate a second representative to the International Committee, but he shall not be entitled to vote except in the absence of the first representative. If the second representative is also absent, the delegation may appoint another representative from its own country. Proxies must be appointed in writing to the President prior to the commencement of an International Committee meeting.
- 4.3 Although a country's nominee may be attached to a commercial organization, it shall be understood that he represents his country's interests in the development of the uses and methods of non-destructive testing and must not concern himself within the International Committee with those aspects debarred by item 3.3 above.
- 4.4 Countries that wish to join the work of the International Committee shall make written application to the President currently in office and their application shall be voted on by the International Committee at the next international conference, or by postal ballot. A majority vote in keeping with 10.3 in favour of their application will be necessary to ensure their representation on the International Committee.
- 4.5 It is desirable in the interests of continuity to retain the same representatives on the International Committee as long as possible. However, countries may change their representatives provided the President and Secretary currently in office are advised in writing by the National Organization concerned one month prior to the next meeting of the International Committee.

5. Officers

- 5.1 The officers of the International Committee shall be a President, two Vice-Presidents and a Secretary, and the Immediate Past President, ex officio.
- 5.2 The officers of the International Committee shall be appointed by the country that will host and organize the next World Conference, in accordance with the following:
 - 5.2.1 The President, one Vice-President and the Secretary shall be from, and located in, the host country.

5.2.2 The other Vice-President need not be from the host country.

6. Steering Committee

- 6.1 A Steering Committee shall be formed by the host country and shall consist of the Officers defined in Section 5, and preferably one or two other members.
 - 6.1.1 The other member or members may be from the host country or from National Organizations from other countries represented on the International Committee.
 - 6.1.2 It is suggested that in addition to the Immediate Past President, another member of a former Conference organizing committee be a member of the Steering Committee in order to benefit from past experience and to help maintain continuity between Conferences.
- 6.2 The functions of the Steering Committee shall be:
 - 6.2.1 To organize the forthcoming Conference,
 - 6.2.2 To make recommendations to the International Committee as appropriate.

7. Duties

- 7.1 President. The President, during his term of office and with the aid of the Steering Committee, shall organize and conduct the forthcoming World Conference as directed by the National Organization, or other such body responsible for the Conference. He shall administer all actions of the International Committee and act as Chairman or appoint an alternate for all meetings of the Committee. Twice a year the President shall disseminate information received from representatives up to one month before. He shall also disseminate, at not more than 3 yearly intervals, an ICNDT Handbook which should include the INCDT history, the ICNDT Terms of Reference, a list of members of all previous ICNDT Steering Committees, a list of previous ICNDT meetings and conferences, details of Working Groups, a list of current ICNDT delegates, and details of future planned Conferences.
- 7.2 Immediate Past President. The duties of the Immediate Past President shall be to advise the President and perform other such duties as delegated by the President.
- 7.3 Vice-Presidents. The duties of the Vice-President shall be as designated by the President.
- 7.4 Secretary. In co-operation with the President, the Secretary shall be responsible for terminating as expeditiously as possible all activities of the Conference, including the publication of the Transactions; for recording all matters associated with the International Committee between meetings; for recording and distributing minutes of International Committee meetings held during his term of office. He shall also maintain a register of member countries and the associated

National Organizations recognized by the International Committee, and of the names and addresses of appointed representatives, voting and non-voting.

8. Term of Office

- 8.1 The terms of all officers shall start immediately following the completion of one conference, and shall terminate upon the completion of the next.
- 8.2 It is desirable that officers be named prior to the beginning of their term of office.

9. Venue and Frequency of World Conferences

- 9.1 At each conference the International Committee shall confirm the decision made in principle at the previous conference as to the country which will host the next conference.
- 9.2 Subsequently at the conference, member countries will be encouraged to issue invitations to host successive conferences; information on official government or other backing and sufficient financial support for the preconference period shall be given. These invitations and supporting information will be discussed and a decision in principle for the successive host country will be taken. Should no such invitations be received, member countries will be invited to submit proposals in writing prior to the next committee meeting.
- 9.3 The normal interval between World Conferences under the aegis of the International Committee shall be three to four years.
- 9.4 The time of year and venue for each conference will be decided by the National Organization of the country acting as host.
- 9.5 Recommendations for organizing the World Conference as adopted in Cannes, France in 1976 shall be followed as closely as possible.

10. Procedure

- 10.1 The International Committee shall meet at least once during each World Conference, and preferably at the beginning and end of the conference.
- 10.2 Between meetings, decisions where necessary, will be sought by postal ballot, in accordance with item 10.3.
- 10.3 A majority vote corresponding to at least two-thirds of the countries represented on the International Committee will be necessary on all matters put to a vote. In a postal vote, those countries which do not reply by the stipulated date will be considered to be in favour of the motion.

However, these rules do not apply in the case of an action whose purpose is to honour a member of the Committee, the provisions being then stipulated under item 13.

- 10.4 At meetings of the International Committee, all voting shall be by show of hands of those present.

11. Finance

- 11.1 The expenses incurred in relation to a World Conference shall be borne by the host country.
- 11.2 Such expenses as apply to a World Conference may be recovered from the registration fee charged for delegates attending the conference.
- 11.3 The International Committee will not be expected to give any financial aid to countries organizing World Conferences.

12. Official Languages

- 12.1 Official documents of ICNDT and WCNDT shall be in English. Translation into other languages may be made.
- 12.2 Administration of the conference shall be in English and may be in the language of the host country.
- 12.3 Papers shall be submitted in English.
- 12.4 Presentations shall be in English or in the language of the host country. A speaker using a language other than English shall be responsible for providing simultaneous translation into English.
- 12.5 The host country or other delegations wishing to listen to papers in their own language shall be responsible for arranging for simultaneous translation from English. Facilities for such simultaneous translations shall be provided by the host country.

13. Procedure for Honouring a Member of the International Committee

- 13.1 The President, with the accord of the last two Presidents and the approval of more than half of the International Committee, may honour a meritorious retired or retiring member or long acting members on the occasion of a meeting of the Committee or on such other occasion as he considers appropriate, e.g. a regional conference. (In a postal ballot for this purpose no answer means abstention)
- 13.2 The person to be honoured shall have been active throughout several conference periods in promoting the objectives of the International Committee.
- 13.3 No fixed type of honour or method of honouring a member need be established. Recognition of an award of honour may be by a letter, a diploma, a present or similar. The honour so bestowed is to be recorded in the minutes of the International Committee.

14. Changes in Terms of Reference

- 14.1 Any proposed changes to these Terms of Reference must be communicated to each member of the International Committee at least nine months before the next meeting.

- 14.2 Such proposed changes, provided they are seconded, shall be voted upon by the International Committee at its next meeting.

15. Relations with the International Organization for Standardization

Although the Terms of Reference allow for discussion of matters requiring standardization, it must be understood that all requests for standardization must be dealt with by the National Standards Organization of the countries represented on the International Committee, and all communications with the International Organization for Standardization shall be through the National Standards Organization, where they exist.

16. Publications

- 16.1 The publication of any official statement arising from the World Conference, or from the International Committee, can be authorized only by the International Committee.
- 16.2 In general, the publication of such statements will be undertaken by each country represented on the International Committee.

RECOMMENDATION FOR THE ORGANIZATION OF FUTURE WORLD CONFERENCES ON NON-DESTRUCTIVE TESTING

The International Committee for Non-Destructive Testing (ICNDT) has approved that the following recommendations should apply to the arrangements of future World Conferences by national organizers appointed by the ICNDT.

1. Duration

A full week of technical meetings from Monday to Friday is recommended.

2. Papers

It is left to the discretion of individual National Organizations whether proposals to present papers are to be notified directly by the authors or centrally through their National Organization.

Responsibility for maintaining technical and scientific standards in the papers rests with the National Organization.

3. Deadlines

The call for papers and the respective application forms should be issued by the organizer at least 12 months before the date of the Conference.

The request to submit a paper must reach the organizer with an accompanying abstract at least 9 months before the date of the Conference.

Acceptance or rejection of a paper is to be indicated by the organizer 8 months before the date of the Conference.

Presentational information and details of lecture room facilities are to be given to authors when they receive notification of acceptance of their papers.

A provisional program with a list of accepted papers and the proposed sequence of their presentation in each particular section is to be sent to authors, national delegates on the International Committee and to appropriate National Organizations at least 6 months before the date of the Conference.

Final manuscripts in an agreed format should be submitted, at the latest, 4 months before the Conference. They must be capable of direct reproduction.

An accepted paper can be rejected by the organizer, if the deadlines are not kept.

The final program is to be available at least 3 months before the date of the Conference. Preprints of the papers should be available for distribution to delegates when the Conference commences. The organizer should also assist delegates by providing facilities for mailing the preprints to any address after the Conference. Relevant preprints should be made available to nominated session chairmen 1 month before the date of the Conference.

A list of participants with their affiliations and full postal addresses should be distributed at the beginning of the Conference. It will be up-dated during the Conference, if necessary.

4. Program

Sunday evening: informal reception
Monday morning: formal opening of Conference
Thursday evening: social gathering and Conference dinner
Friday afternoon: formal closure of Conference

The sessions of the International Committee should be held on Sunday and Thursday.

5. Papers, Publications

Provision should be made for the following:

- individual papers
- summary papers
- panel discussions

The National Organization reserves the right to fix the number of invited papers, and of organizing the Conference in a maximum of 3 parallel sessions with an accurately designated timetable so that delegates can circulate amongst the sessions if they so wish.

The allocated time for presentation of individual papers should take into account the need for an adequate discussion period following each presentation.

A rapporteur system is not favoured.

The National Organization may publish the Conference proceedings for general sale if they so wish. Authors, however, are at liberty to seek or accept publication of their Conference papers in other scientific or technical journals.

When this is done, reference must be made to the fact that the paper was presented at a World Conference meeting.

6. Languages

The papers and the discussions are to be delivered in English or in the language of the organizing country. In the latter case, the preprints should contain an extended summary in English.

The papers and discussions are to be delivered in English or in the language of the organizing country. The organizer is responsible for simultaneous translation of the presentations and discussion.

Further languages can be allowed for papers and discussions if the organizing , or another interested country, carries the cost of translating to and from English and the language of the organizing country.

7. Exhibitions

An industrial exhibition should be held during the whole period of the Conference and it should be housed in the same building. All exhibits should have some clear connection with NDT.

Participation in the exhibition is to be invited by the organizer 24 months before the date of the Conference.

The binding consent of an exhibitor is to be made known to the organizer at least 14 months before the date of the Conference.

The organizer will inform the exhibiting firms on the plan and stand layout at least 12 months before the date of the Conference.

8. Films and Shows

The organizer should provide a hall, where technical films can be shown on particular days.

9. Reception Parties by Firms

Organized reception parties by firms must be officially approved. They should be restricted to one particular evening to be fixed by the organizer.

10. Social Activities

The National Organization should plan and carry out the following on the basis of individual experience, financial resources and local opportunity, and must bear overall responsibility for all relevant details:

- travel arrangements
- hotel reservations
- program of any technical visits during the Conference
- after conference tours
- visits to concerts, operas and theatres
- receptions by the municipal and national authorities
- ladies' program