



*“the World organization  
for NDT”*

## **INTERNATIONAL COMMITTEE FOR NON-DESTRUCTIVE TESTING**

### **POLICY AND GENERAL PURPOSE COMMITTEE - MINUTES, Brisbane, Australia September 2001, 8:30am**

#### **PRESENT**

Mr G Nardoni Chairman ICNDT Dr J M Farley General Secretary, ICNDT Mr D Marshall President, 16th WCNDT Professor M Onoe Honorary Member and Asia-Pacific Representative Dr K K Koh Korean NDT Society C Y Wang NDT Society of Taiwan A Sonneveld Australian Institute of NDT S Ghia Secretariat, ICNDT D Whiteley Pan-America Representative (dep) D Olley President Asia-Pacific J R Thompson British Institute of NDT (part-time)

#### **APOLOGIES**

Dr S Vahaviolos Pan-America Representative Dr R Link EFNDT Representative G Aufricht Honorary Member and PGP Member Dr Baldev Raj PGP Chairman T Passek (ASNT) R Roche EFNDT Representative Professor Chengbin Guo Asia Pacific Representative Dr Klyuev Honorary Member

#### **1. Welcome**

Derek Olley and John Maccarone welcomed the delegates to Australia on the occasion of the 10th Asia Pacific NDT Conference. They advised the meeting of the death six weeks ago of Mr Lyall Herd, President of the 9th World Conference in Melbourne in 1979.

President Nardoni expressed his sadness regarding the terrorist attacks in the USA and called for one minute's silence. The meeting sent its best wishes to colleagues unable to attend for medical reasons (Dr Link, Dr Baldev Raj and Mr Aufricht).

President Nardoni introduced the meeting by remarking on the growing importance of ICNDT and thanked all who were present. The agenda for the meeting would be that circulated by e-mail on 6 September 2001.

## **2. Minutes Of Pgp Meeting Of 15 And 17 October 2000**

These minutes were approved subject to the addition to the list of those present on 15 October 2000 of Professor Onoe and Douglas Whiteley. Professor Onoe will publish the approved minutes on the Website.  
Action: Professor Onoe

## **3. Matters Arising From The Icndt Meetings At The 15th Wcndt**

It was agreed that these would be dealt with under the relevant agenda item.

## **4. Communications Of The Icndt Chairman**

4.1 Mr Nardoni reminded the members of the committee and the non-members present of the Objectives of ICNDT as outlined in the new Constitution approved in Rome.

4.2 ICNDT Handbook. It was agreed this should be updated following the Barcelona ICNDT Meeting in June 2002 when the Rome minutes of the Rome meetings will be approved and then incorporated in the Handbook in time for issue at the 16th WCNDT in Montreal. Action: Ghia

4.3 Membership applications

4.3.1 Douglas Marshall Chairman of the Membership group confirmed that a letter had been received from Sri Lanka confirming the non-profit nature of the Society, thereby completing the membership process. Sri Lanka is therefore confirmed as a new member.

4.3.2 Applications have been received from Malaysia and Moldova. These will be passed to Douglas Marshall for processing according to the process agreed in Rome. Action: Ghia/Marshall

4.3.3 Lithuania. Interest has been expressed and moves are in progress to establish an NDT Society.

4.3.4 Other possibilities. Mr Nardoni is explaining possibilities in the Middle East and Africa. A society may be formed in Argentina.

4.4 Visits by the ICNDT Chairman

Since the World Conference in Rome Mr Nardoni has made a large number of visits including:

4.4.1 Calcutta to the Indian Society of NDT when he was awarded Honorary Membership

- 4.4.2 Daharan, Saudi Arabia to the ASNT Chapter
- 4.4.3 Ukraine - Kiev to the national conference
- 4.4.4 Moscow to the RSSNDT International Conference on Inspection of Pipelines
- 4.4.5 Pan American Conference in Houston, Texas where he had meetings with Mr Doggart And Mr Passek
- 4.4.6 ASME Technical Conference in Atlanta where he participated in the ASME Committee on NDT
- 4.4.7 Trest, Czech Republic for the NDT Experts Meeting jointly organised by the German and Czech NDT Societies
- 4.4.8 Tokyo for a meeting with ISO TC135 Chairman Mr Tagaki and Mr Otano (kindly arranged by Professor Onoe)
- 4.4.9 Bangladesh, Dhaka for a meeting organised by the IAEA on Mutual Recognition of Certification based on ISO90712. Paid for by IAEA
- 4.4.10 Argentina (paid for by the Italian Embassy)

Future visits planned are:

- 4.4.11 Bahrain for the Middle East NDT Conference to represent ICNDT
- 4.4.12 USA for the Fall Conference of ASNT
- 4.4.13 Tripoli Libya (22-24 October) for the 3rd African NDT Conference and meeting to form the African/Middle East Regional/Continental Group

Tony Sonneveld queried the cost of these visits and elicited the response that except where indicated otherwise the visits had been paid for by the Italian NDT Society as part of its contribution to ICNDT following the World Conference in Rome. Mr Nardoni confirmed that the Italian Society's contribution to ICNDT would be at least 25% of the surplus.

- 4.5 Report on the Meeting in Tokyo between TC135 Chairman and ICNDT Chairman

Mr Nardoni reiterated ICNDT's policy to cooperate with ISO. On the subject of ISO9712 it had been suggested that ICNDT should provide an International Guide to Qualification and Certification of NDT Personnel. The TC135 Chairman had

encouraged this and commented that reference to the Guide might be made in the Foreword to the Standard.

**5. Proposed Icndt International Guide For Qualification And Certification Of Ndt Personnel**

Mr Nardoni explained that he envisaged the Guide would be designed to help organisations, like those in Vietnam and Pakistan to implement the Standard. He considered that the Strategy should be to promote ISO9712 and harmonise around it. 'ISO' at the level of the Chairman of TC135 is encouraging the work, but TC135 SC7 may not be aware of the plan.

Discussion moved to which version of the Standard should be referenced. John Thompson (a member of SC7) stated that the 99 version is expected to be superseded by the 2001 version. The new version contains much of the detail whose omission from the earlier version might have been the reason why a Guide was considered necessary. Tony Sonneveld stated that he thought a Guide would be valuable but it was premature to prepare it ahead of the issue of the 2001 version. Mike Farley doubted if the Guide should duplicate detail contained in the Standard - it was better to reference it. Mr Nardoni felt that it would be very negative to wait until the new Standard is published. Professor Onoe remarked that ISO has a problem with the long time taken to make new Standards. ICNDT has the opportunity to move faster whilst continuing to work with ISO. Professor Onoe recommended the preparation of a brief Guide, not so detailed as the Standard. Derek Olley agreed. Douglas Whiteley commented that he would be happy with an "information" Guide but for the detail we should wait on the ISO9712 2001 edition.

John Thompson commented that the new 2001 version of ISO9712 had been drafted much more quickly than the 1999 version (one year versus four) and it should be published next year.

If what is required is a "general guide", he had been preparing such a document at the request of Dr Baldev Raj. This would be published by Elsevier and the British Institute of NDT. He offered to provide the document for the use of ICNDT, including publication on the Website.

Mr Nardoni thanked John Thompson for his offer and stated that the document would probably be a good basis for the proposed ICNDT guide. Some things may need to be added e.g. a list of ISO9712 Certification Centres, photographs, details of mutual recognition agreements ... He stated that the final version will need the approval of the ICNDT.

Following the above discussion, it was agreed: Action (i) John Thompson to forward his draft to Nardoni J R Thompson (ii) Nardoni to

draft proposal for contents of Guide G Nardoni (iii) WG1 (Chairman: J M Farley) to prepare for approval of ICNDT J M Farley

The WG1 is open to all members that wish to participate through Internet/e-mail. Mike Farley will invite participation. J M Farley

It is considered that the following will contribute: Aufricht, Sonneveld, Koh, Nardoni, Passek, Murphy, Thompson.

## **6. Proposal For An Iso9712 Seminar In Barcelona At The European Conference**

Mr Nardoni considered that the seminar held in Rome had been successful. It had raised important questions about how to achieve recognition of ISO Certification. He would like to see a Seminar in which different Certification Bodies would compare notes on how they implement the Standard. This would also be helpful to new Certification Bodies. Derek Olley agreed. John Thompson suggested that the Seminar should take the form of an Examiner's Workshop. Topics would include:

- breakout groups on main methods, testpieces, question libraries, exchange of testpieces

It was agreed that Mr Nardoni would draft a programme of half-day Examiner's Workshop, to be properly integrated with the European Conference Programme. Action: G Nardoni

## **7. Cooperation With Iaea (International Atomic Energy Agency)**

### **7.1 General**

Mr Nardoni accompanied by Mr Aufricht if possible will visit IAEA in Vienna to discuss how ICNDT and IAEA might cooperate. Nardoni will draft a document to define this cooperation for discussion/approval in Barcelona. He will encourage IAEA to approach ICNDT when it seeks experts and to always work with the local NDT Society.

### **7.2 IAEA/RCA Mutual Recognition of NDT Certification Schemes**

A meeting known as the IAEA/RCA Working Group was held in Dhaka, Bangladesh at which a draft mutual recognition agreement was drawn up. NDT Societies/Certification Bodies from India, Bangladesh, Australia, New Zealand, Philippines, Vietnam, Myanmar, had participated. The Working Group may request ICNDT WG1 Certification to assist with its review process.

## **8. ICNDT Policy For Regional Groups**

(i) Chairman Nardoni reported his concern at the poor representation of Central and Southern American NDT Societies at the Pan American Conference. Douglas Marshall answered that the next meeting will be in Brazil and this may help.

(ii) Chairman Nardoni reported that a suggestion had been received to form a Balkan Group, including Israel, Turkey, Greece and Bulgaria. Dr Farley stated that this should be discussed with the EFNDT.

(iii) There is also, longer term, the possibility of a West Asia group being formed.

(iv) Africa and Middle East group. It was agreed that President Nardoni would continue to encourage the formation of this group whose status of a Regional Group will be approved by ICNDT in Barcelona.

It was agreed that the Membership Group should be charged with preparing Guidelines for Regional Groups, including Constitution and Aims/Objects. Any future Regional Groups would have to meet the Guidelines. Action: D Marshall

## **9. Fine Tuning Of Constitution**

Dr Farley explained that as agreed at the Rome ICNDT meeting he had defined the process for "fine-tuning". This was explained in an e-mail to all members issued in June 2001.

A deadline of 31 July 2001 had been set for receipt of comments. There had been comments received from Douglas Marshall, Baldev Raj and Dr Link. Based on these comments Dr Farley had prepared a revision Version 6 and this was presented to the meeting. A small number of further changes were made.

Note: in the attached document changes from Version 5 are highlighted in Red.

It was agreed that the modified version should be completed by Dr Farley and circulated for Postal Approval by e-mail. Action: Mike Farley

## **10. Development Of Operating Procedures**

There had been no meetings to date of the "Operating Procedures" task group agreed in Rome. It was therefore decided to ask certain individuals to progress specific Procedures, namely

(i) Awards - complete (ii) Honorary Membership - J M Farley to draft (iii) Membership - complete (incorporated in Constitution Appendix 3) (iv) Regional Groups - D Marshall to draft (v) ICNDT Fund and Operational

Accounts - Aufricht and Sonneveld to draft based on the principles set out in the Constitution (Appendix 2) and the discussion of attached Figure 1 as modified at the meeting.

Notes:

(i) It is targeted to present these Operating Procedures for approval by ICNDT in Barcelona. (ii) Mr Nardoni/Mr Ghia/Mr Aufricht will present Budgets and Accounts to date in Barcelona. Action: S Ghia

## **11. Legislation Of ICNDT**

Mr Nardoni wishes to consider creation of a formal legal entity in order to facilitate operations (bills, invoices etc.). Mr Sonneveld suggested that the EFNDT model should be considered, and emphasised that the legalisation should be in English. The question was raised "would all member societies themselves need to be legal entities?".

It was agreed that Mr Nardoni will consult with a lawyer to check if the new Constitution is an acceptable basis for legalisation. Action: G Nardoni

## **12. Introduction Of Icndt To Institutions/Authorities**

Mr Nardoni wishes to propose an official ICNDT representative (non-voting/liaison status) to ISO TC135 SCV according to ISO Rules. Professor Onoe advised that representation can change at each meeting to take advantage of who could conveniently attend or "wear two hats". Funding from ICNDT would not be possible (under the presently agreed definition of uses of ICNDT Funds). Douglas Marshall will represent ICNDT at the forthcoming ISO TC135 SCVII meeting in Madrid.

Meeting closed at 17.00 hours

Meeting reconvened Wednesday 19 September 2001 at 16.00 hours

Apologies: Professor Onoe unable to be present Mr Ooka joined the meeting Dr Rong Geng joined the meeting

Dr K K Koh was congratulated on his election to President of the Asia Pacific Regional Group.

## **13. Activities Of Working Groups**

13.1 WG1 Certification Harmonisation

13.1.1 ASME Recognition of ISO9712/EN473

John Thompson explained that a Code Case Enquiry had been made to ASME in April 2000. A similar one had been submitted by the European Boilermakers Association. ASME responded in May 2001 and stated they required a comparison of EN473/ISO9712 with SNT-TC-1A. This had been prepared by Mr Kaps.

Send comparison to Koh/APCNDT. Action: Mike Farley

Advise status of Roche application on behalf of EFNDT to PGP. Action: Mike Farley

Nardoni noted that acceptance of ISO9712 should be a formality because ACCP itself allows ISO9712 and EN473. ASME in its policy for internationalisation should wish to use ISO9712. Nardoni suggested writing a parallel letter. Mike Farley to check with Roche, Farley to draft a note on the position of ICNDT for publication in the ICNDT Journal. Action: Mike Farley

#### 13.1.2 Recognition of ISO9712 in Europe

Many ISO P-members are redrafting ISO9712 to a third edition which will be harmonised with EN473 and thus replace EN473. This is likely to happen at the end of 2002/early 2003.

#### 13.1.3 Specification of Test Specimens and Required Performance in Practical Examinations.

It was decided that this will be the subject of an Examiners Workshop at the ECNDT in Barcelona.

#### 13.1.4 IAEA Group Mutual Recognition Agreement

Asia Pacific will send the draft Agreement to EFNDT and ask for comment with the aim of facilitating mutual recognition between the IAEA group and Europe, perhaps leading to an ICNDT Agreement. Action: Koh/Mike Farley

John Thompson explained his ideas for creating an Association of ICNDT Certification Bodies that would perform a peer review of Certification schemes. He will continue his research into the criteria for Certification bodies.

#### 13.2 WG2 ICNDT Internet Communications

The ICNDT home page had 2800 hits up to 1 September 2001. The address is [www.icndt.org](http://www.icndt.org). The structure of the Website is shown in Figure 2.

Professor Onoe will visit Italy in October to review the operation of the website and use of XML, which he strongly recommends. See attached paper.

Mr Nardoni suggested that we should consider opening an NDT "chat room". John Thompson commented that it would be necessary to find a Webmaster.

Minutes etc. will be posted via Professor Onoe. Action:  
Professor Onoe

### 13.3 WG3 Research and University Education

Dr Raj has attended a meeting and is requested to provide a report. Action: Baldev Raj

Mr Nardoni would like to make a link to the ASNT Research group.

## 14. Activities Of Secretariat

14.1 Website, e-mail, fax, phone  
Phone: +39 030 32 19 18  
Fax: + 39 030 24 15 252  
E-mail: [icndt@icndt.org](mailto:icndt@icndt.org)  
WEB: [www.icndt.org](http://www.icndt.org)

### 14.2 Promotion of new members

Malaysia and Moldova applications are to be reviewed between meetings.

### 14.3 Promotion of New Regional Groups

Nardoni is supporting the proposed Africa/Middle East Group.

### 14.4 ICNDT brochure

- being prepared by the Secretariat

### 14.5 Next ICNDT Journal

- is at the printer

### 14.6 Financial accounts and budgets

Nardoni has replied to offer the Austrian Society to hold the ICNDT account. The Secretariat will draw up an account of expenses/funds and budgets for each year from 2000 to 2004.

(Income, Budget for 2000-04, actuals for 2000, 2001 ...) Action: S Ghia

Tony Sonneveld suggested that this Budget should be matched by a strategic plan for the four years of the period of Mr Nardoni's Chairmanship. Action: G Nardoni

## **15. WORLD CONFERENCES**

### **15.1 16th World Conference (Montreal 2004)**

A professional conference organiser has been appointed. Conference committee appointed. Funding from CINDE and Professional conference organiser. Canada will attend all the key conferences to promote the 16th WCNDT.

Publicity will concentrate on Montreal until 2004 and then switch to China. Note: Rong Geng

Marshall has provided a Powerpoint Presentation which the ICNDT Chairman will use to promote the 16th WCNDT, and he will forward a package of advertising material to the Secretariat. Action: D Marshall/G Nardoni

The ICNDT logo will be added to World Conference material.

Marshall will consider allowing the Sponsors to make "Sponsors Presentations" as at the Asia-Pacific Conference.

### **15.2 2008 World Conference - China**

A Conference organising committee will be set up at the National Conference in 2003.

### **15.3 World Conference 2012**

ASNT has indicated it may wish to propose to run the 2012 Conference and has been advised that bids will be considered at the ICNDT Meeting in Montreal in 2004. Tony Sonneveld commented on the importance of rotation between Continents and that it might be considered Europe's turn in 2012. Mike Farley advised that on the basis of Europe potentially being the preferred venue in 2012 the British Institute of NDT is intending to submit a bid.

## **16. Regional Groups**

President Nardoni complimented the Asia-Pacific Group including Mr Derek Olley and John Maccarone on their Conference and also on the development of the Group, especially its commencement of a Mutual

Recognition Agreement. He further offered congratulations to new President Dr Koh of Korea and gave his best wishes to the planning of the next Asia-Pacific Conference in 2003 in Jeju Island, Korea.

**17. Final Remarks**

Nardoni thanked everyone for their contributions to the discussion and debate.

**18. Next Meeting**

The next meeting of the PGP will be held at the European Conference in Barcelona June 17-21, 2002.