

MINUTES OF THE TECHNICAL COMMITTEE MEETING HELD IN VIENNA DURING  
THE DAYS 21 - 24 JUNE, 1972

In attendance

Mr. Hamer

President of the  
Technical Com-  
mittee

Mr. Maestu

Vice-President of  
the Technical Com-  
mittee

Mr. Spoelgen

Mr. Schuber

Mr. Häusler-Angeli

Mr. Bammer

Mr. Vlaemmink

Mr. Lee

Mr. Kang

Mr. Wang

Mr. Liu

Mr. Caspelao

Mr. Laman Trip

Mr. Power

Mr. Ghedini

Mr. Furuya

Mr. Komaki

Mr. Schädler

Mr. Carita Diniz

Mr. Costa Dias

French Observer

Mr. Poitevin

Secretariat

Mr. Albert

Mr. Capdepón

The President of the Technical Committee, Mr. Hamer, opened the meeting by thanking the Austrian Representation for the excellent welcome given to all those present, and regretted the absence of MM. Vastiau, Guex and Raymondo, Belgian, Swiss and Maltese Representatives respectively.

The following items on the Agenda were immediately discussed.

2a.- The Netherlands Representation Technical Report on the Netherlands National Competition held in Utrecht last April.

Mr. Hamer stated that eight competitors from the United Kingdom and two from Spain attended. This experience produced good results, and the prizes were awarded both to the Netherlands winners and the foreign participants.

2b.- Proposed Programme for the XXI International Competition in Germany and Report on economic conditions.

Mr. Schubert expressed his concern about the programme given in the Agenda, which considerably reduced the program of the German Representation at the Luxembourg meeting, above all in what referred to the limited time allotted to the meeting of the seminary that the German Representation was trying to organize, and also considered that very little time was available in which to compare the skills and award the diplomas to the winners.

Mr. Schubert alleged that, if one accepted the free-will to be present at the Seminary, the atten-



dance would be reduced and, therefore, he asked if it were really wished to hold the Seminary.

Mr. Castelao believed it to be advisable and considered that attendance at the Seminary could be considered almost obligatory. Mr. Hausler-Angeli was also of that opinion.

In view of these different opinions, Mr. Schubert considered that the composition of the Seminary, including simultaneous translation, was expensive and, therefore, unless a large attendance were assured, it would not be worth while to hold it. He was of the opinion that the presence of Technical Representatives, Experts and Official Observers must be guaranteed and, if the expense of attendance were an obstacle to such, the German Representation offered to pay for the accommodation of the experts during the time that the Seminary was held.

Mr. Spoelgen, German Official Representative, insisted on this, and mentioned the interest of the German Representation in holding the Seminary, in order to attract German industry to the Competitions, for which he desired the certain and large attendance.

It was agreed to hold the Seminary in the conditions stated, and Mr. Schubert offered to send to all the countries particulars of Professional Training in Germany at the present time, and of what it aimed at being in the future. This graph could serve as a model so that countries could each produce a similar one to enable a colloquy to take on the different and varied aspects that, concerning Professional Training, the different member countries, offered.

It was agreed:

1. That Mr. Schubert would send the model of the graph mentioned, during the month of August, to all the countries and to the Secretariat-General.
2. That, before September 15, the member countries would send to the Secretariat-General the graphs referring to their respective countries.
3. That the member countries would send to the Secretariat General, before the month of March, a written exposition of the graph, so that it could be translated into 4 languages and sent to all countries.



The provisional programme of the XXI International Competition was given as follows, and was included in Annex No. 1, for approval by the Organizing Board.

2c.- Term of office of the president and Vice-President of the Technical Committee

Mr. Albert then read the Minutes of the Board Meeting held in Granada, as follows:

1. The appointment of the President of the Technical Committee would be for 3 years, and would not be renewable.
2. He would be helped in his mission by a Vice-President, freely elected, and whose appointment would cover the competition period.

It was agreed to propose to the Organizing Board that the holders of both appointments could be re-elected.

2d.- Future Host Countries for International Competitions

The Netherlands Representation requested that the Minutes of the Luxembourg meeting be rectified in the following manner:

"The Netherlands Committee was willing to consider the possibility of holding an International Competition in the Netherlands in 1976".

Therefore the Minutes were rectified in the paragraph which stated "that it was very possible that in 1976 the International Competition would be held in the Netherlands".

2e.- Electro-mechanical and Book-printing descriptions

Mr. Schubert stated that his Representation wished to hold a display of Telecommunication Mechanics in place of the Electro-mechanical one, and said that, as in Austria and Spain there were differences in the description of these spades, in order to clarify the differences in technique, he would send a Telecommunication Mechanics work proposal. He would do the same in respect of Book-printing.

2f.- Trades Dictionary.

A short debate was held regarding the description that



should be given to the list of technical terms of each trade.

It was agreed to use the word vocabulary ~~for~~ that purpose, and not the word dictionary, and that it be drawn up according to trades.

At the same time it was agreed that the Secretariat-General in Munich would make available at least vocabularies of ten trades to the Competition.

### 3.- List of Trades for the Munich Competition Inscription of Competitors according to Country

The Trades to be present at the XXI International Competition in Munich would be the under-mentioned ones:

Fittigg	House Wiring
Presstool making	Industrial Wiring
Instrument making	Bricklaying
Watch making 4	Stone cutting
Engineering drawing	Painting
Turning	Plaster work
Milling	Cabinet Making
Constructio Steelwork	Joinery
Gas welding	Carpentry
Electric welding	Jewellery
Wood pattern making	Tailoring
Panel beating	Ladies' Hairdressing
Sheet-metal work	Gentlemen's Hairdressing
Plumbing	Ladies' Dressmaking
Industrial electronics	Upholstery
Radio and TV repairing	

The show trades would be the following:

Telecommunication mechanics  
Book-printing

Regarding the inscription of participants, the German Representative made the following observations:

1. The inscription would be provisional.
2. The definite inscription would require the approval of the Board in Lisbon.

3. If fewer than 5 participants were inscribed in Lisbon for a trade, no competition would be held in it.
4. If for any reason a competitor failed to appear, in any trade, in Munich, the competition would be held, although there might be fewer than 5 participants.

The countries attending would send to the Secretariat-General a provisional inscription of their participants. They would appear in Annex no. 2.

That list was incomplete, as the Luxembourg, Malta, United Kingdom and U.S.A. inscriptions were not included.

However, the inscription of the French participants was included.

#### 4.- System of rotation for the Technical Representatives and Experts on the Marking Huries

A lively debate started among the persons present when this item on the Agenda was mentioned, although they were basically in agreement on the advisability of a reasonable rotation.

Mr. Hamer mentioned the possibility of increasing the number of experts in each trade, seeing that it would not involve the host country in any additional expense.

Mr. Kang was of the opinion that there should be 3 experts for each trade, although if there were only 2 in some cases, they would be sufficient.

Mr. Hamer considered that there should be no more than 4. Lastly, the Secretary-General expressed the wish of ~~Mee~~ Guex, the Swiss Technical Representative, absent from the meeting, that the Jury members should be of different languages. Mr. Power was not in agreement with that suggestion. He believed that the best thing was that they should be of different nationality and not of different language.

As a result, it was agreed to raise the following possibilities with the Organizing Board:

- a) That the change in the Technical Representative on the Board be as infrequent as possible.



b) Periodic changes every 2 or 3 years were proposed for the Technical Representatives as Presidents of the Jury, as it was considered that the responsibility of those Representatives was of importance for the development of the competitions, from the technical point of view, since such changes would allow them to identify themselves with the greatest possible number of trades, thus facilitating the interchange of ideas at the meetings of the Technical Committee.

c) The change of experts in each trade was recommended among the 3 and 5 competitions in which they had taken part.

In regard to the number of experts for each trade, a minimum of 3 was suggested.

Mr. Power mentioned the advisability of being a little flexible in the coincidence of nationalities of the Jury Presidents and the experts, bearing in mind the recommendation regarding the frequent change of these persons.

#### 5.- Information to the Competitors regarding the Markings given

It was agreed that all the competitors should receive the Marking record of each trade in the workshops, after the Act of Closure, and that the Jury members should be present at this act in order to be able to answer any questions that might be put to them by the competitors in relation to the circumstances that resulted in the appraisals.

Mr. Albert presented a document in 4 languages, in which were given 7 annotations that should be borne in mind by the Jury during the works undertaken. (See Annex No. 3).

The daily annotation and care of such notes would facilitate full answers being given to the young competitors' question.

Mr. Albert's proposal was approved, and he undertook to have printed forms prepared for the annotations.

Both proposals will be submitted to the Organizing Board for Approval.

#### 6.- Competitions Time-table

As it seemed opportune to formalize a time-table for the



technical development of the Competitions and to allow sufficient time for fulfilling all the stages of the Competition, Mr. Hamer advocated that, at the meeting of the Board in Lisbon, such a time-table should be presented, with some hours left free, so that the host country could have time available for official functions and excursions.

The time-table, which Mr. Hamer would submit in Lisbon, would give the hours for the selection and preparation of the work, meetings of the Technical Committee and Organizing Board, hours of work, dates of inauguration and closure, information to the competitors, seminars, etc.

#### 7.- Discussions concerning the present system of pre-selection of work

As there were doubts concerning the efficacy of the present system of presentation and pre-selection of work, some methods were suggested for making it more efficacious.

Mr. Power mentioned the lack of quality in some of the work submitted, and he was in favour of returning to the old system of obligating the countries to offer a certain number of tasks, and to select them before holding the Competition.

Mr. Schubert recalled the intentionality of the present pre-selection system, repeatedly mentioned by MM. Woerner and Reeves, for achieving a high level in the quality of work and that such work must be of industrial use.

It was agreed that the present system of pre-selection of tasks be continued, and that member countries at the meeting to be held in Lisbon would be required to present them in accordance with the undermentioned conditions:

1. That a minimum quality level of work be established.
2. That each country be obliged to offer tasks in the trades given in Annex No. 4, of these Minutes, in addition to those that they freely wished to offer, without limitation of number.
3. That more time be devoted to the pre-selection of the tasks.



#### 8.- Definitive rules concerning the present regulative approval by the Organizing Board of the agreements of the Technical Committee

Mr. Hamer considered that the Technical Committee had power to settle matters by their decisions, although the Committee should duly inform the Organizing Board.

In the event of the Organizing Board not being in agreement with any decision of the Technical Committee, then they must remand the decision to the latter.

It was agreed that MM. Hamer and Albert should draw up an amendment to the Regulations in this sense, for submission to the Organizing Board, for consideration at the next meeting.

#### 9.- Description of Trades

Bearing in mind that the trades of Upholstery, Dressmaking, Painting, Cabinet Making and Gentlemen's Hairdressing had not been approved by the Board, but there were proposals of descriptions from various countries, it was recommended that the Secretariat-General should draw up the descriptions from the others.

In the definitive text, the following suggestions and possibilities given by the Swiss Representation would be taken into account.

##### Upholstery

- a) To state what is meant by upholstering a piece of manufactured furniture.
- b) Although the confort of the furniture depends on the style of manufacture, the competitor could make the piece of furniture more comfortable by introducing, or eliminating, plastic, metal, etc., for which reason he should know the characteristics of the springs and plastic components.
- c) To mark the hidden parts before upholstering them.
- d) To allow the competitor to use his artistic taste concerning the upholstery of the furniture.

Mr. Schubert was in agreement with the Swiss proposal, as



he considered that the competitor should decide whether the upholstery were to be smooth, with undulation, frills, etc., although the preparatory twilled cotton fabric would be used by all competitors, the final upholstery could be left to the individual competitor.

Concerning Mr. Schubert's opinion on this matter, Mr. Hamer considered that only the technical part of the work should be judged, and not the decoration and superfluous or secondary things.

### Painting

On this subject there were various questions that the assembled Technical Committee settled or rejected. They were:

- a) That the choice of each competitor would not be allowed, but would have to conform with the model presented.
- b) The competitor would be required to prepare the paint base.
- c) The levelling of the surface was included in the description, but the competitors had not undertaken this work in any of the Competitions. It should be left to the jury to decide on the advisability or otherwise of requiring this work to be done.
- d) The painting on metal should not be done, and each jury would decide whether the work was to be done with a paintbrush, or roller, but not with paint sprayer.
- e) It was not necessary that the painter should know how to paper.
- f) The competitor should be free to do the stencilling, or no. In any case the jury would decide, but such work must be mentioned in the description.
- g) It was permissible that the work of serigraphy be included in the description of this trade.

### Gentlemen's Hairdressing

The present provisional description had fulfilled its purpose, for which reason it was considered that it should be continued just as it was.



Carpentry

There were only translation problems but the contents were correct.

Watch-making

It was pointed out that it was not necessary to know the mechanism of the electronic control apparatus, although their use might be advisable, seeing that their operation was simple. The important factor was to be able to check the precision.

The description of the trades given should be sent to the Technical Representatives before the Lisbon meeting and, if in order, should be approved on that occasion.

Items in abeyance on the Agenda

Items 10 and 11 of the Agenda had to be left in abeyance at the Meeting, due to lack of time.

12.- Requests and Questions

It was agreed that the Lisbon Meeting arranged for October 10 should be postponed 1 month. There would thus be more time to undertake the work proposals and finish the matters in abeyance. It was agreed that the meeting of the Technical Committee should be of 3 days duration, and that of the Organizing Board 2 days.

Only the Japanese Representation was in favour of holding the meeting in the month of October.

The President of the Technical Committee, Mr. Hamer, closed the Meeting and again thanked all those present for their collaboration and at the same time expressed in the name of everyone their gratitude to the Austrian Representation for the excellent welcome they had given to all the persons.

The President then closed the session and ordered the Minutes to be written up and which I, as Secretaru, duly certify.



PROPOSED PROGRAMME FOR THE XXI INTERNATIONAL COMPETITIONANNEX NO.1Monday, July 30

Arrival of the members of the Technical Committee, Experts and Secretariat General.

Tuesday, July 31

09.00 hours: Meeting of the Technical Committee.

The experts will then select work for each trade and will draw up a list of the materials after 09.00 hours.

Wednesday, August 1

Meeting of the committees to undertake: emendation of drawings, translations, marking schemes and other preparatory tasks.

Thursday, August 2

Completion of all the work mentioned previously.†

11.00 hours: Meeting of the Technical Committee.

Friday, August 3

Possible excursion for the members of the Technical Committee and Experts, and arrival of the Official Representatives, Official Observers and Competitors.

Saturday, August 4

09.00 hours: Meeting of the Technical Committee.

11.00 hours: Meeting of the Organizing Board.

14.00 hours: Drawing lots for work places, and becoming familiar with the machinery during 2 or 3 hours.

14.00 hours: Continuation of the Meeting of the Organizing Board.

Sunday, August 5

Formal opening ceremony.



Monday, Tuesday and Wednesday, August 6, 7 and 8.

Commencement and continuation of the work tasks during 8 hours daily.

In the afternoons of August 7 and 8, the Seminary forecast by the Sub-Commission could be held.

Thursday, August 9

From 09.00 to 13.00 hours the work in any trade can be finished, therefore the marking can begin.

Friday, August 10

Continuation and conclusion of the marking.

Saturday, August 11

Meetings of the Technical Committee and Organizing Board.

Sunday, August 12

Special programme.

Monday, August 13

The informative Seminary on Professional Training in Germany and in the member Countries will be held throughout the day, for studying the Professional Training systems of the various Countries.

Tuesday, August 14

Special programme.

Wednesday, August 15

In the morning, the closing ceremony of the XXI Competition will take place.

It will be duly announced that the Competitors will receive the marking minutes in the workshops, during the afternoon, and they will be informed concerning the observation made on their work, and the reasons for the Marking. The Experts and interpreters will be present.



Thursday, August 16

The persons will return to their Countries.



PROVISIONAL INSCRIPTION OF CONTESTANTS FOR THE XXI INTERNATIONAL COMPETITION. MUNICH - GERMANY. (The inscriptions of Luxembourg, Malta, U.K. and U.S.A. are missing)

T R A D E S	Germany	Austria	Belgium	Korea	China	Spain	France	Holland	Ireland	Italy	Japan	Liechtenstein	Portugal	Switzerland	T O T A L
1 Fitting	x			x	x	x	x	x	x	x	x		x	x	11
2 Press tool making	x	x		x		x		x	x		x	x	x	x	10
3 Instrument making	x	x		x		x		x			x	x		x	8
4 Watch making	x					x					x			x	4
5 Engineering drawing	x	x		x	x	x			x	x	x	x	x	x	11
6 Turning	x	x		x	x	x		x	x	x	x	x	x	x	12
7 Milling	x					x			x	x	x		x	x	7
8 Construction Steel Work	x		x	x		x		x	x		x	x	x	x	10
9 Gas welding	x	x		x	x	x			x		x		x	x	9
10 Electric welding	x	x		x	x	x		x	x		x		x	x	10
11 Wood pattern making	x			x	x	x		x		x	x		x	x	9
13 Panel beating	x					x	x		x		x		x	x	7
14 Sheet Metal Work	x			x		x	x	x	x		x		x	x	9
15 Plumbing	x		x	x		x	x	x	x		x		x	x	10
16 Industrial Electronics	x	x		x		x				x	x	x	x	x	9
17 Radio and TV. repairing	x	x	x	x		x				x	x		x	x	9
18 House wiring	x		x	x	x	x		x	x	x	x		x	x	11
19 Industrial wiring	x		x	x	x	x		x	x	x	x	x	x	x	12
20 Bricklaying	x	x	x			x	x	x	x				x	x	9
21 Stone cutting	x	x	x				x				x		x	x	7
22 Painting	x		x	x		x		x	x		x		x	x	9
23 Plasterwork	x	x						x	x		x		x	x	7
24 Cabinet making	x	x	x	x	x	x		x	x	?	x		x	x	11+1
25 Joinery	x		x	x		x	x	x	x	x	x		x	x	11
26 Carpentry	x			x		x	x	x	x		x		x	x	9
27 Jewellery	x	x	x			x	x		x				x	x	8
28 Tailoring	x		x	x	x	x					x			x	7
29 Ladies' Hairdressing	x		x	x		x		x	x				x	x	8
30 Mens' Hairdressing	x		x	x		x		x					x	x	7
31 Ladies' Dressmaking	x		x	x	x	x					x			x	7
32 Upholstery	x	x				x	x	x			x			x	7
33 Electro Mechanics	x	x				x								x	4
34 Graphic Arts	x					x		x						x	4
T O T A L	33	15	15	23	11	31	10	21	21	11	27	7	26	33	284



### INFORMATION TO PARTICIPANTS

To be able to inform the participants on the results of the marking, and with the aim of giving a formative character to our competitions, the juries that mark the tests should, during the development of the tests, make the following notes:

- 1.- Interpretation of drawing. See if each participant, by his way of drawing or sketching, has a knowledge of the technical drawing of his trade. Of he knows the standarization of the drawing and if he uses incorrect procedures.

If he had to make any drawing because the jury requested so, the jury should report on the quality of same.

- 2.- Technological knowledge.

The jury should note down the following: if by the way in which the participant is working it is observed that the participant knows how to use the machinery and tools; if he has good knowledge and use of measuring instruments, if he has all the elements that form the exercise, etc.

- 3.- Work process. Note should be taken of all data covering the working method, phases of same and order used by each participant, to later inform the same and correct their faults with the idea of improving their training.

- 4.- Measurements. In some trades, measurements are the basis of the qualification. In this case, even if they already appear on the document established by the Council, the erros committed should be noted down to inform the participant.

- 5.- Quality faults. It is normal that the evaluation of these faults is a subjective process. Therefore it is necessary that serious faults are noted down in a very justifiable way.

- 6.- Incidents during work. All incidents that take place during the work, should be observed and taken note of. For example, incorrect procedures used, faulty machinery, use of methods forbidden by the jury, unjustified non-appearance at work, etc. Also, all those incidents of a positive character that affect a participant, in a technical and human order, should be noted.



- 7.- General remarks. All those remarks that can complete the concept and details that cannot be foreseen in the previous paragraphs and can broaden the judgement, personal and technical, of each participant, should be noted.

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Once the exercise are finished, the technical experts should note down all these remarks in the form ad hoc. This document should be handed out to the technical representatives and a copy of same should remain in hands of the technical expert, so that they are able to inform each participant that so requests, on the marks that have been given to his work.

This information will always take place after the closing session of the competition, and it should be of a clearly formative character, in such a way, that the competition is another experience for the participants, by means of which he improves his professional capacity.

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#### Final report

The Chairmans of the jury, in view of the reports that the experts submit on each participant, will write out a final report, which is a summary of the events that have taken place in each trade, to pass it overlater to the Technical Committee.



## EXERCISE PROPOSALS TO BE PRESENTED BY EACH COUNTRY

ANNEX No. 4

T R A D E S	Germany	Austria	Belgium	Korea	China	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Luxembourg	Portugal	Switzerland	T O T A L
1 Fitting	x	x		x				x					x		5
2 Press tool making			x				x		x	x	x				5
3 Instrument making			x		x	x						x		x	5
4 Wath Making	x			x				x					x		4
5 Engineering drawing			x				x		x	x	x				5
6 Turning		x			x	x						x		x	5
7 Milling	x	x		x				x					x		5
8 Constructional Steel Work			x				x		x	x	x				5
9 Gas welding					x	x	x					x		x	5
10 Electric welding	x	x		x				x					x		5
11 Wood pattern making			x				x		x	x	x				5
13 Panel beating					x	x			x			x		x	5
14 Sheet Metal Work	x	x		x				x					x		5
15 Plumbing			x				x		x	x	x				5
16 Industrial Electronics					x	x						x		x	4
17 TV and Radio repairing	x	x		x				x		x			x		6
18 House wiring						x	x		x	x	x				5
19 Industrial wiring					x	x					x	x		x	5
20 Bricklaying	x	x		x				x					x		5
21 Stone Cutting			x				x		x	x	x				5
22 Painting			x		x	x						x		x	5
23 Plasterwork	x	x		x				x						x	5
24 Cabinet making			x				x		x	x	x				5
25 Joinery					x	x						x	x	x	5
26 Carpentry	x	x		x				x					x		5
27 Jewellery			x				x		x	x	x				5
28 Tailoring					x	x						x		x	4
29 Ladies' Hairdressing	x	x		x				x					x		5
30 Men's Hairdressing			x				x		x	x	x				5
31 Ladies' Dressmaking					x	x						x		x	4
32 Upholstery	x	x		x				x					x		5
33 Electro Mechanics															
34 Graphic Arts															
T O T T A L	11	11	11	11	10	11	11	11	11	11	11	10	11	11	152