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International Apprentice Competition 1968

Report of the General-Secretariat

Berne

FOREWORD

For the fifth consecutive time since 1964, we publish this report, whose aim is to gather together the most pertinent information concerning the International Competitions held.

As always, the publication is divided into three parts. The first recounts the details of the Competition, describing its progress during the ten days it lasted. The second gives specific details of the Competition, awards, marking, statistical data etc. And the third section is meant to serve as a faithful mirror of the detailed organization of the Competition through the Minutes of the meetings of the Organizing Council and the Technical Committee, the two bodies which bring our ideas to life.

We believe that this procedure will make it easier to get to know what our task is, what our aims and activities are in the service of the great ideal to which we are dedicated - the vocational guidance of young apprentices.

With this publication we specially wish to honour the two new countries taking part in our activities for the first time: we refer to the Principality of Liechtenstein, and Malta. We are very happy to welcome them from these modest pages and wish them every success.

And you also, old or new reader of these pages. May the reading of them awaken pleasant memories, or curiosity. As far as the Competitions are concerned, both things are good, for both are aspects of their ultimate purpose - namely, friendship born of common tasks and pleasant memories, and the determination to be up-to-date in everything concerning vocational guidance, training and research.

Many thanks for your attention.

At the Meeting of the Organizing Council held in Madrid during the course of the 16th Competition, the Swiss Mission requested the 17th be held in Berne. The Organizing Council accepted the generous proposal of the Swiss friends unanimously, and from that moment the organization of the Competition began.

At the next Meeting of the Organizing Council, held in October, the dates fro the event were fixed upon, and also the places and centres where the tests were to be carried out. The Official Representative for Switzerland, Mr. Albert Müller, was appointed 1st Vice-President, and at his instigation an Honorary Committee and an Organizing Committee were formed in Berne; these inmediately assumed the responsibility of organizing the 17th Competition.

The trades to be included in the Competition were agreed on, and Juries were then named to judge the tests. These Juries were made-up of a minimum of three persons of different nationality, one of them the Technical Representative of his Country, to act as Jury President-remaining members were experts, named by member countries in different trades and elected by ballot.

The above agreement reached, the 28 trades to be included in the Competition were then grouped in 14 Commissions, presided over by a Technical Representative of one of the member countries assisted by 56 experts from the different countries. The number of experts to be appointed from each Country was to vary according to the number of candidates presenting themselves, in the proportion of three to six, depending on the lesser or greater number of participants.

Proposals for tests were to be made in specific trades and after ballot, each Country was to present a minimum of two proposals in the trades assigned to it, but no maximum limit was placed on additional proposals. It was thus hoped to assure the number and quality of the proposals, and the subsequent choice of those which most suited the International character of the Competition and the exceptionally high proficiency of the candidates.

It was agreed that only young people born in 1.947 or after would be able to take part. And further that, whatever the quality of the work presented, only one gold medal, one silver medal and one bronze would be awarded. If the standard were not high, only the lesser medals would be awarded.

Finally, Council established that any extension of time granted would be 15% of the time allowed for completion of the tests in the trade concerned, and that such extension was to be granted before 75% of the time originally allowed had expired.

So that all agreements relating to technical matters could be grouped together and supplemented with any others considered necessary, and so that the whole could be given the status of Regulations, Mr. Franz Woerner, Technical Representative for Germany, was appointed President of the Technical Committee, and charged with the job of drawing up the document embodying those Regulations, he was to have the help of the Technical Representatives for Germany, Belgium, Spain, Holland, the United Kingdom and Switzerland.

In obedience to this order of the Organizing Council, the Secretariat-General called two Meetings in May and June in Brussels - which were attended by the abovementioned Technical Representatives. At the Meetings a draft of, the Regulations prepared by the Secretariat-General was debated and, after various changes were incorporated, the draft was approved by the Commission, which recommended that the Regulations be applied on a trial basis at the 17th Competition.

Their application in Berne gave good results, and it seemed likely that the Regulations would be approved by the Organizing Council at its Annual General Meeting set down for October 1.968.

A Technical Rule which guarantees fairness and efficaay constitutes another step towards the perfection of our Competitions.

Once all these matters were agreed on by the International Council, the Swiss Organizing Committee began the arduous task of preparing for the Competition. That the Committee's work was meticulously done - was borne out during the course of the Competition, which was a resounding success that all can well be proud of.

Our admiration and gratitude goes to the small army of technicians and experts who, with the help of the Honorary Committee and under the direction of the Swiss Organizing Committee, have shown us how such a task should be carried out.

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SUPERVISION OF THE 17TH COMPETITION

The only body supervising the International Vocational Competitions is its Organizing Council, composed of a President, two Vice-Presidents, and one Official and one other Technical Representative from each of the member countries. But its mission would not be possible without the enormous and unselfish help of the country organizing the Competition, which, through the untiring work of its Honorary and Organizing Committees, awakens and channels the interest and assistance of official and private bodies, firms, and vocational information centres.

In the following pages will be found, as well as the names of the persons composing the Organizing Council, a list of the persons and bodies whose help made this Competition possible.

Our heartfelt and sincere thanks to all for their help.

ORGANIZING COUNCIL OF THE INTERNATIONAL APPRENTICE COMPETITIONS

PRESIDENT

Eugenio Lopez

VICE-PRESIDENT	VICE-PRESIDENT
Albert Müller	Faustino Ramos

VOTING MEMBERS

COUNTRY	OFFICIAL REPRESENTATIVE	TECHNICAL REPRESENTATIVE
Germany	Ernst Cech	Franz Woerner-Helmut Schubert
Belgium	Pierre Vlaemmink	Jean Vastiau
Korea	Chang Jeung Lee	Myung Soon Kang
Spain	Faustino Ramos	Diomedes Paloncia
Holland	W.C.S. Laman Trip	H.J.H. Hamer
Ireland	Michael O'Flanagan	Seamus Power
Italy	Armando Malagodi	Giuliano Ghedini
Japan	Yoshikazu Furuya	Kiyotaka Maruoka
Liechtenstein	Otto Seger	Karl Walser
Luxemburg	Gaston Glaesener	Jacques Mischo
Malta	Alfred Chircop	Anthony Raimondo
Portugal	Carlos A.Dias Ferreira	J.E. Vilar Queiroz
United Kingdom	F.D. Hill	T.M. Iley
Switzerland	Albert Müller	Ernst Schürch

SECRETARIAT-GENERAL

Francisco Albert Julio Capdepón

SWISS HONORARY COMMITTEE

Federal Councillor Dr.H. Schaffner	Minister of the Federal Department of Trade
Deputy G. Nobel	President of the Grand Council of the Canton of Berne
State Councillor E. Huber	President of the State Council of the Canton of Berne
State Councillor Dr.H. Tschumi	Director of Trde for the Canton of Berne.
Municipal Councillor P.Indermühle	President of the Municipal Council of Berne
Distric Councillor Dr.R.Tschäppät	Lord Mayor of Berne
Burgher Councillor,Dr.H.Weyermann	President of the Council of Burghers
National Councillor U.Meyer-Boller	Honorary President of the Swiss Federation of Crafts and Trades.
National Councillor E. Wüthrich	Central President of SMUV and 1st Vice-president of the Swiss Trade Union Federation
Delegate of the Board of Directors of Bally Schufabriken AG-E.von Waldkirch	Representative of the Swiss Association of Industry and Trade, and also of the Central Federation of Swiss Employers Organizations.

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SWISS ORGANIZING COMMITTEE

PRESIDENT

H. Dellsperger, Director of the Federal Office of Industry, Crafts and Trades, and Employment.

VICE-PRESIDENT

Dr. O. Nickler, Director of the Cantonal Office of Apprentice Training

VICE-PRESIDENT

Dr. H.M. Sutermeister, Distric Councillor, Principal of the Municipal School.

PROTOCOL

E. Gerbert, Directorical assistant in the Federal Office of Industry, Crafts and Trades, and Employment.

VOTING MEMBERS

H. Keller, Deputy, President of the Crafts and Trades Association of the City of Berne.

A. Metzger, Secretary, President of the Trade Union Federation of the Canton of Berne.

H. Wiedemar, Municipal Councillor, President of the Trade and Industry Association of the City of Berne.

Albert Müller, Principal of the School of Arts and Crafts of the City of Berne.

Ernst Schürch, Principal of the Institute and Workshops for Apprentice Training of the City of Berne.

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HEADS OF SECTION

Secretariat	HOFER, Willy - Vice-Director
Accounting	GYGAX, Max Financial Manager
Publicity	GROSSENBACHER, Fritz - Director, Technical Press Radio and TV.
Social Events, Excursions	GERBERT, Ernst, Directorial-assistant in the Federal Office of Industry Crafts and Trades, and Employment.
Buildings and Installations	SCHEIDEGGER, Fritz - Head of Division
Sign Writting	SOOM, Peter - Lecturer in crafts and trades
International Administration	SEILER, Eugen - Lecturer in Mechanics
Special Services	FISCH, Rolf - Head Division
Head of groups	BINGGELI, Hans-Ulrich - Technical Lecturer
Health Services	TSCHOPP, Richard - Lecturer in Crafts and Trades
Technical Office	ROTHEN, Hans - Technical Officer
Transport	STEINER, Paul - Lecturer in crafts and trades
Lodging	RYSER, Margret - Principal BALSIGER, Jürg - Lecturer in crafts and trades KUNZI, Hermann - Principal lecturer in crafts and trades WYLER, Erhard - Principal lecturer in crafts and trades
Liaison	BIGLER, Walter - School Secretary
Food	MAEDER, Fritz - ex-technical lecturer. MAIBACH, René - Technical lecturer ARN, Hans & Anna - Managers SIEBENMANN, Fred - Kitchen and transport,

Official and private bodies and firms which collaborated most generously in the organization of the Competition. We extend our thanks to them from these pages.

Aciera AG, Maschinenfabrik, 2400 Le Locle
Alpha, AG, elektronische Konstruktionen, Nidau
Arcos, Schweizer Elektrodenfabrik, 1020 Renens
Belmag, Beleuchtungs-und Metallindustrie AG, Zürich
Bernina, Nähmaschinenfabrik, Steckbern
J. Binkert, Werkzeugmaschinen, Thurgauerstrasse 23, 8050 Zürich
Böhme AG, Lackfabrik, Bern-Liebefeld
H. Boller-Benz & Cie. AG, Buntfarbwerke, Zürich
Brown Boveri & Co. AG. Baden
Caparel Gmbh, Dispersionsfarben, Muttenz
Carba AG, Waldeggstrasse 18, 3097 Liebefeld
Christen & Co, AG, Wabern
Colores, Handelsgesellschaft für das Malergewerbe, Zürich
Continental Licht-und Apparatebau AG, Usterstrasse 10, 8600 Dübendorf
Hans Dold & Co, Farbenfabrik, Wallisellen
Eidgenössische Alkoholverwaltung, Bern
Eidgenössische Turn-und Sportschule Magglingen
Elektrodenfabrik Gerliker, Bührle & Cie., 8050 Zürich
Endress Schweissanlagen, AutogenEndress AG, 8810 Horgen
Eterna SA. Uhrenfabrik, Grenchen
Adolf Feller AG, Fabrik elektrischer Apparate, Horgen
Georg Fey & Co, AG, Lackfabrik St. Margrethen
Otto Fisher AG, elektronische Bedarfsartikel, Zürich
Kurt Frei, Werkzeuge, Rotbuchstrasse, Zürich
Gips-Union AG, Zürich
Gebr. Gloor & Co., Fabrik für Autogengeräte, 3400 Burgdorf
H. Grob & Co. AG, Holzbanlung, Röntgenstrasse 25, 8005 Zürich
Gütermann & Co. AG, Nähseidenfabriken, Claridenstrasse 25, 8002 Zürich
Gustav Herzig, Fabrik für Uhrwaren, Schwetzingen
Jansen & Co, AG, Stahlröhrenwerke, Oberriet
Kantonalbank von Bern in Bern
Keck & Co., Schneiderfurnituren, Wuhre 9, 8001 Zürich
Siegfried Keller AG, Farbenfabrik, Wallisellen
J.G. Kiener & Wittlin AG, Schauplatzgasse 23, 3000, Bern
Konsumgenossenschaft Bern
Kupferdraht-Isolierwerk AG, Wildegg
Kur-und Verkehsverein Zermatt
A. Kuster & Co., Werkzeugmaschinen, Hohlstrasse 610, 8048 Zürich 9
Dr. A. Landolt AG, Farbenfabrik, Zofinger
Hermann Lanz AG, elektrotechnische Artikel, Murgenthal
Dr. Walter Mäder AG, Farbenfabrik, Baden
Carl Maier & Cie., elektrische Apparate, Schaffhaussen
Maler-und Gipsermeisterverband, Bern-Stadt
Métaux Precieux SA. Filiale Zürich
Michel & Saugy AG., Holzhandlung, Fischermättelistrasse 3 F. 3000 Bern
Mikron SA 2500 Biel
Mühlebach-Papier AG, Brugg, Basel, Genf, Lausanne
Münsterbauhütte Bern
Novopan; AG. Klingnau
Oerliken, Maschinenfabrik Zürich
Olivetti Suisse SA. 8003, Zürich
Ozalid AG, Seefeldstrasse 94, 8008 Zürich

Papierfabrik Biberist
Pfisterer AG, Bern,Clichés,Gravuren,Fotolithos,Effingerstrasse 29, 3000 Bern
Philips AG,Edenstrasse 20,8045 Zürich
Generaldirektion PTT.Abteilung Radio und Fernsehen,3000 Bern
Rex, Chenische Fabrik AG, Mendrisio
Roth & Co., Lackfabrik.Roussbühl-Luzern
SA des Ateliers de Sécheron, 1196 Gland
Saia AG, elektrische Apparate Murten
Sandoz AG Chemische Fabrik,Bassel
Sauerstoff-und Wasserstoff-Werke AG, 6002 Luzern
Sauter AG., Fabrik elektrischer Apparate, Bassel
Schäublin SA, 2735 Bevilard
Schmid,Rhyner AG.Lackfabrik,Adliswil-Zürich
W.Schneeberger AG.Maschinenfabrik,4914 Roggwill
Schweizerische Bankgesellschaft, Bern
Schweizerische Coiffeurfachschule,Bern
Schweizerische Coiffeurfachlehrer-Vereiningung,St.Gallen
Schweizerische Isolawerke,Breitenbach
Schweizerische Leinen-Industrie AG, Niederlenz
Schweizerische Uhrenkammer.La Chaux-de-Fonds
Schweizerische Verkehrszentrale,Zürich
Schweizerischer Bankverein Bern
Schweizerischer Baumeisterverband,Sektion Bern-Mittelland
Schweizerischer Baumeisterverband,Sektion Bern-Stadt
Schweizerischer Baumeisterverband Zürich
Schweizerischer Coiffeurmeister-Verband,Bern
Schweizerischer Schuhmachermeister-Verband, Zürich
Siemens Elektrizitätserzeugnisse AG.3000 Bern
Singer AG, Nähmaschinen,Klausstrasse 43.8008 Zürich
Sprecher & Schuh AG Fabrik elektrischer Apparate Aarau
Rudolf Stauber Furnierhandel.Pulverweg 54L,3000 Bern
Steinmann SA.Tissage Crin, Rue des Crêtes 91,2301 La Chaux-de-Fonds
Verbandsdruckerei AG Bern
Verband schweizerischer Seidenstoff-Fabrikanten,Gottahardstrasse 61,8002, Zürich
Vereinigung schweizerischer Textilfachlehrer und-fachlehrerinner, Bahnhofstrasse 70,8001 Zürich
Officielles Verkehrs-und Kongressbüro
Verkehrsverband Zentralschweiz,Lucern,
Verkhrsverein des Berner Oberlandes,Interlaken
Verkehrsverein der Stadt Bern
Webwer AG Fabrik elektrotechnischer Artikel,Emmenbrücke
Weissenburg,Mineralthermen AG. Thun
Winkler Woertz elektrotechnische Materialen,Basel
Xamax AG Fabrik elektrischer Apparate,Zürich
Zentralverband schweizerischer Schneidermeister.Carmenstrasse 52. 8030 Zürich
Zettler,Elektro-Apparate AG,Zürich

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PLACE WHERE THE TESTS WERE HELD

Tests were held in the Gewerbeschule Professional School and the Lehrwerkstätten Technical School, situated in a central part of Berne in three buildings. One of these was the Gewerbeschule, directed by Engineer Albert Müller, the other two buildings formed the Lehrwerkstätten directed by Engineer Ernst Schürch.

In the first building were installed the workshops for the trades previously mentioned. The machinery supplied was of excellent quality; and as a result of this, the tests carried out reached a very high standard. This was especially noticeable in the trades of FITTING, TURNING, MILLING, and PRESSTOOL MAKING. The care taken by the Swiss National Committee and the Technical Committee in the choice and supply of measuring and regulating instruments, electronic apparatus, tools, equipment and materials caught the attention of everyone taking part in the Competitions. The organization and setting-up of the watch-making workshop particulary impressed visitors, those responsible for it were students of Swiss Nationality chosen as the result of a National Competition in which the whole trade took part.

As a result of the assistance given by all administrative, technical and translating personnel to the Governing Council and the Secretariat-General, it was possible to achieve the best organization seen so far.

In places like Pavillons Nos. 3 & 4, where certain tests were held, the equipment was also excellent and in abundant supply. Machinery used the Wood trades was of an extraordinary precision; and equipment supplied for Radio and TV Repair and Insdustrial Electronics alone made it possible to carry out the tests set, which were truly of a high International standard.

The setting up of equipment in Pavillon No. 4 was perfect. It was there that the Building Trade tests were given, and the organization was so excellent that the excercises could be carried out normally without any difficulty at all.

Finally, everyone taking part in the Competition had the benefit of the admirable kitchen and dinning-room arrangements, which overcame the problem of the midday meal with ease. Yet another example of the great care and attention given to such matters by the Swiss National Committee as were the arrangements made for medical services, which, fortunately, were necessary in only a few cases.

The place were the Competition was held could not have been better, thanks to its situation, decoration and furnishing, and the excellence of all services provided.

A final impressive note was that all services, installations and workshops, though completely independent of one another, were to be found within a reduced area - which greatly facilitated things for everyone.

OTHER DATA ON THE 17TH COMPETITION

Briefly, we now give some idea of other activities of the Competition, additional to the purely technical ones.

It is precisely in these aspects of the Competition that its basic purpose is fina - lly achieved. To forge and reinforce bonds of friendship in the world of Labour without dis crimination of nationality, language, profe- ssional category, nor any other of the stum- bling blocks which too often hinder unders - tanding and brotherhood among men.

PLACE AND DATE

The Competition was held in the magnificent locations in Berne belonging to the Gewerbeschule Vocational Schools and the Lehrwerkstätten Technical School. These are four buildings grouped on a large site in one of the most agreeable and central parts of the City.

The allocation of the four buildings was as follows:

Pavillon no. 1.- Presidency, Swiss and General Secretariats, Translation Office, Technical Office, Infirmary, and Boardroom for Chiefs of Groups. Spacious lecture-halls were set aside for jewellery, Shoe-making, Tailoring and Ladies Hair-dressing activities, and a Watch-making exhibition.

Pavillon no. 2.- Tests in Mechanics - that is, in the Fitting, Presstool making, Instrument making, Turning and Milling trades - were carried out in a large hall perfectly equipped with modern tools and machinery.

Pavillon no 3.- This building belonging to the Technical School, was set up to meet the needs of the following trades: Constructional steel work, Gas and Electric Welding, Panel beating, Plumbing, Joinery, Cabinet making, Woodpattern making, Engineering drawing, Industrial Electronics and Radio and TV repair.

Pavillon no 4.- In this last building, belonging to the Vocational School, space was set aside for the tests in Bricklaying, House Wiring, Industrial wiring, Plasterwork, Carpentry, Stone Cutting and Painting.

The well-planned situation of the workshops and all other services made it possible to oversee the course taken by the Competition from close quarters, but at the same time allowed ample space and independence for each separate activity.

LODGING OF PARTICIPANTS

Male candidates were comfortably lodged in the Seminar Muristalden and Verwalter Seminar. Female candidates were comfortably installed in the Haushaltungslehrerinnenseminar.

The Organizing Council, experts, official observers and guests were accommodated in five of the best hotels in Berne, all close to one another and in the centre of the City.

PROGRESS OF THE COMPETITION

1st to 3rd July

The Secretariat-General set up its offices in the first of the Gewerbeschule Buildings, and established contact with the Secretariat of the Swiss Organizing Committee.

Extremely close cooperation between the two Secretariats alone made it possible to attend to many of the preliminary arrangements and the huge amount of paper work called for.

4th to 6th July

As the 15 technical Representatives and 56 experts from the 1 member Countries arrived in Berne on 3rd July, the following preliminary matters were attended to early in the morning of the 4th.

a).- Formation of 14 judging commissions presided over by a President assisted by two experts in each one of the trades entrusted to his Commission.

b).- The Commissions formed chose the most suitable exercise proposed by the corresponding Countries.

c).- Once the exercise was chosen, these details were attended to: drawing up the marking schedule, setting time limits for the exercises, formulating instructions for the candidates and experts, copying of each plan chosen.

d).- Translation of all the points mentioned into 9 languages.

e).- Preparation fo the materials necessary in carrying out the exercises in each trade.

f).- Inspection of the machinery and other equipment found in each workshop, and verification by the Technical Committee of the measures taken by the various Commissions.

7th to 12th July

As the Official Representatives and candidates met formally on 7th July, and as the official observers and a good many guests arrived that day, the Competition was solemly opened on 8th July at a ceremony held at the Kursaal. Subsequently, all installations were inspected, and in each workshop the working positions were balloted for. The afternoon of the same day, the candidates were given the opportunity of familiarizing themselves with the equipment and implements set out in each workshop.

A luncheon given in the dinning-rooms of the Gewerbeschule Vocational School, to which all persons attending the Competition were invited, facilitated the making of acquaintances and the exchange of impressions.

During the afternoon, a meeting of the Organizing Council in plenary session was held in the Kursaal; all measures adopted by the Technical Committee were approved.

On 9th, 10th, 11th, and 12th, the candidates, working from 8 to 12 in the morning and from 1.45 to 5.45 in the afternoon, carried out the tests given them with the enthusiasm and zeal with characterize these Competitions. On the afternoon of the 12th, the candidates ceased all work.

12th to 13th July

The Juries were in permanent meeting during these days, occupied with judging all the work carried out; proposals for awards were brought before the Technical Committee, which sanctioned them at a meeting held at the most suitable time. The Organizing Council, on the night of Saturday, 13th July, held a Meeting which lasted long into the night and ratified all proposals formulated by the Technical Committee.

14th to 17th July

After the intensive work of the preceding days, the Swiss Organizing Committee devoted three days to "active rest". As part of this programme, on Sunday 14th, everybody attending the Competition took part in an all-day excursion by train to Gowergrat. From Gowergrat, looking towards Monte Rosa, and at a height of 4,500 metres, the excursionists had full enjoyment of that magnificent countryside which only Switzerland can offer.

On 15th, a visit was arranged to the factories of Brown Boveri & Co., S.A. at Birrfeld and Baden. The return to Berne was through Lucerne, Brünig, Interlaken and Thun. Truly a wonderful and memorable excursion.

On Tuesday 16th, in the beautiful setting of the Kursaal, the 17th International Competition was brought to a formal close; afterwards, awards were distributed to the prize-winning candidates. To mark the close, a luncheon was then given in the Kursaal which was attended by everyone who had taken part in the Competition; during the meal, groups of artists improvised among candidates from different countries entertained the guests.

During the afternoon, the city of Berne and its magnificent shops were thrown open to the visitors, offering them the opportunity to choose gifts for their families and friends from among the amazing range of articles displayed.

On 17th July, rather sadly but with agreeable memories of such delightful days in Switzerland, competitors and offcials set out for their own countries.

OPENING CEREMONY

On 8th July at 10 o'clock in the morning, in the distinctive and appropriate setting of the Kursaal in Berne, the 17th International Competition was solemly opened.

On two large elevated platforms were seated the President and Vice-Presidents of the Swiss Organizing Committee, Messrs. Dellsperger, Nickler and Sutermaister; the President and Vice-Presidents of the International Council, Messrs. López, Müller and Ramos; the Director Mr. Schürch, and the Secretary General Mr. Albert.

To the right, the 14 official representatives of the member countries were seated, and to the left, the 14 members of the Technical Committee headed by the President Mr. Woerner.

Behind this triple presiding body, there was a large orchestra, and in front of it, seated in a banked semi-circle, were the experts, official observers and guests.

The only people lacking were the competitors themselves, but these soon made their entrance in separate groups to the accompaniment of their respective national anthems and behind their flags.

In an expectant silence, Mr. Dellsperger began his opening speech of welcome, and subsequently introduced the speakers who were to follow him.

The Director Mr. Müller, Vice-President of the International Council and the Vice-Presidents of the Swiss Organizing Committee, Dr. Otto Nickler and Dr. H.M. Sutermaister, expressed their hopes that the measures adopted by the Committee would assure the desired success of the Competition, and wished all those present a happy stay in Switzerland.

The International President Mr. López, then expressed his most grateful personal thanks as well as those of the Organizing Council to the Swiss Committee for the magnificent job they had done to ensure the perfect progress of the Competition.

He stated that technological progress threatened to destroy man's humanity a disaster which must be avoided at all costs . In his opinion the Competition were extremely valuable in this respect; their high formative element, their need of a sense of sportsmanship, and their cultivation of young talent helped educate the young people of the world, the very ones into hands will fall the task of saving man and leading him back to his proper state.

He concluded in wishing success to the best men, congratulating all on the personal ability and merits which were responsible for their being present at the Competition.

Immediately afterwards, and with the same ceremony with which they had been brought in, the flags of the 14 member countries were withdrawn and escorted by the competitors themselves to the entrance to the Kursaal a fitting close to this moving opening ceremony.

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CULTURAL AND RECREATION PROGRAMME

The Swiss Organizing Committee arranged a varied programme of sight-seeing tours and excursions, which made a reality of that difficult pedagogical motto "Teach by delighting". For the way in which Switzerland, its people and its impressively beautiful landscapes were shown to us constituted a real delight. And if to that is added the exquisite courtesy and the friendly cordiality of its people, it will be easily understood what a deep impression our stay in Switzerland left on us.

Though it will hardly be adequate, a special mention must be made of the immense activity and of the extraordinary kindness and the charming attention extended to us by the Ladies' Committee. Our admiration and thanks to our delightful hostesses for their patience and delicacy.

A most enjoyable party was given in the Gurten, for which our thanks to the Ladies' mmittee and the Swiss Organizing Committee. On that occasion, a large number of motor-coaches took us to Wahern, from where we went by funicula up to the Gurten. In idyllic surroundings, a dinning-room for 500 people had been set up in a huge field. During the excellent supper, a Swiss folklore group entertained the guests with typical dances and songs. The peace of the surroundings, the pleasant temperature, the contrast between the changing green of the countryside and the pine trees under the blue of the evening sky made us all most reluctant to return to the city.

As a variant to this soft and placid mountain scenery, we enjoyed another excursion some days later. After climbing steep slopes in three different trains, we arrived at Gornergrat, more than 4,000 metres above sea-level. In front of us rose the 4,634 metres Monte Rosa, and all around us towered crags, glaciers, age-old snow, steep and impressive mountain masses with their wild vegetation.

Between green Gurten and white Gornergrat, what contrasts unequalled Switzerland offered us!

Of other visits arranged, let us mention the ones made to the School of Sports at Magglingen, the factories of Brown Boveri & Co.,S.A. at Birrfeld and Baden, watch factories, cheese factories, fleeting glimpses of Lucerne, Brüning, Interlaken and Thun. But the place we got to know best, that we grew to love, was Berne, which welcomed us with such hospitality and friendliness.

To its Mayor, and to the authorities of the Canton and of Berne, who entertained us so royally at a reception in the historic Town Hall, and to all the inhabitants of Berne, we extend many thanks for such exquisite hospitality.

VISITS RECEIVED

The 17th International Competition was honoured by visits from many persons in all sectors of public and private life. Representatives of the Government of the Federation, of the different Cantons, Diplomatic Corps, Representatives of Professional Associations, governing bodies of

each one of the Vocational training organizations in the Cantons, Members of the Swiss Conference of Directors of Vocational Schools, central governing body of the Swiss Association of Vocational Training, teachers from those schools, the Press, Radio and Television etc.etc.

And of course, people of all kinds who wished to see this original Competition at close quarters.

To all of them, we are most grateful, and most sensible of the honour they did us in visiting us.

CLOSING CEREMONY

On 16th July, at ten o'clock in the morning, the 17th International Vocational Competition was officially closed.

In the same setting and with the same solemnity as at the opening, the flags of the member countries were escorted into the Hall as a beginning to this last act.

Mr. Dellsperger opened proceedings giving prior congratulations to the award winners and encouragement to those who would not receive any prize. Everyone, he said, merited admiration.

Mr. Müller then spoke, and briefly thanked all present for their help, help without which the Competition would never have come to such a happy close.

Mr. Dellsperger then requested that the Secretary-General read out the list of award winners. One by one, the winning contestants collected 28 gold medals, 28 silver and 28 bronze, and 29 Honourable Mentions awarded by the Juries. On a podium set up in front of the presiding body, the three award winners in each of the 28 trades received the applause of the public who filled the Hall, linking hands to symbolize the friendship begun some days previously and, at the same time, the recognition of the merits of those who, up to then, had been rivals.

Once the prize-giving was finished, the Finance Minister of the Swiss Federation, Herr Schasfner rose to speak. He said how gratified he was by the brilliance of the days just passed, by the success of the Competition, by the sportmanship so evident in its progress.He congratulated the competitors on their enthusiasm and thanked everyone for the help they had given in carrying out the tasks entrusted to them. Concluding, he wished all present a happy return journey to their different Countries.

Finally, the International President, Mr. López, addressing Mr. Dellsperger as President of the Swiss Organizing Committee, assured him how recognisant the International Organizing Council and the experts were of the tremendous job done by the Committee over which he presided. Everyone knew what organization an activity such as this required, and for that reason the congratulations he offered for the success obtained were sincere and heartfelt.

Addressing himself then to the competitors, he reminded them that if they had taken part in this Competition, it was because of their own merits, and the mere fact they had been sent to the Competition was a recognition of their ability and proficiency.

He asked the apprentices to consider the days they had just lived, and to be the most dedicated apostles of the idea which had animated them, an idea which required young people to go out to their fellow men and to remember they were on the threshold of a new society based on knowledge, understanding, justice, liberty and the overcoming of poverty.

He then spoke to the experts and technicians, the asministrative personnel, the Gewerbeschule and Lehrwerkstätten schools, the staff of the Ofwil Muristalden and Haushaltungslehrerinnenseminar hostels, the people responsible for the restaurant, bar and transport services, giving them all his personal thanks and those of the Organizing Council for their invaluable help:

"We wished to thank the authorities of Berne and of Switzerland, the Ministry of Finance, the Government of the Canton and city of Berne, the Trade Unions and the large and small Industries of Switzerland for the excellence of all the help given us and for the great affec - tion and friendliness extended to us. I can assure you we should like to go into every house in the Country to thank the people for their kindness and hospitality"

He expressed his thanks to the Swiss Organizing Committee and specially to Messrs. Dellsperger, Sutermaister, Gerbut, Keller, Met - zler, Wiedemar, Müller and Schürch for work so intelligently and magnificently done that the account of this Competition was fit to be wri tten in letters of gold in our young but long history.

Continuing, he said he wished to draw special attention again to the fact that the 17th Competition had witnessed the joining of two new countries, Liechtenstein and Malta, and he assured them they were wel - comed like brothers to the great family of the Competition.

He concluded with these words: "Competitors, friends, authorities, today the 18th Competition begins. Germany, Belgium, Spain, Holland, Ireland, Italy, Japan, Luxemburg, Portugal, the United Kingdom, Liedh- tenstein, Malta and Switzerland give witness of the distance we have covered so far, and tomorrow, with God's help, other places await us, to bear out the great worth of our motto: WORK WITH LOVE FOR A BETTER WORLD.

After Mr. Lopez's speech, as a final significant gesture, the flags were taken from the Hall with the same ceremony as before.

Inmediately afterwards began the last meal to be taken together, enlivened by a splendid choir singing well-known songs.

Congratulations, words of thanks and friendship and meanningful good-byes sealed the unforgettable closing ceremony of the 17th International Vocational Competition.

COUNTRIES ATTENDING, AND THEIR REPRESENTATIVE BODIES

Germany	Official Chambers of Industry and Crafts
Belgium	Ministry of Working classes
Korea	National Vocational Committee
Spain	National Youth Movement
Holland	National Vocational Committee
Ireland	Ministry of National Education
Italy	Department of Technical Education
Japan	National Vocational Committee
Luxemburg	Ministry of Labour and Social Services
Liechtenstein	Office of Labour and Apprenticeship
Malta	Department of Labour and Emigration
Portugal	Portuguese Youth
United Kingdom	London Institute of Arts and Trades
Switzerland	Sr. Gallen Vocational Schools.

TECHNICAL SUPERVISION OF THE COMPETITION

In any Competition, impartiality should be guaranteed beforehand, the judges having no interest at all in the dispute.

For this reason, great care is exercised in forming the Juries, which are composed of a minimum of three persons of different nationalities.

On the following pages, we set out as an indication of the fairness and justice of the measures adopted a table concerning the technical aspect of the Competition. It should not be forgotten that decisions taken by the technical bodies must always be ratified by the Organizing Council.

JURIES, COMMISSIONS AND HEADS OF WORKSHOPS

Commissions and Presidents		Trades	Experts	Supervisors	Heads of Workshops
I Palencia (Spain)	1	Fitting	Bonassi-Italy Zielinski-Germany	ZYSSET	Gobeli
	2	Press toolmaking	Guex-Switzerland Slaats-Holland		Keller
	3	Instrument making	Reeves-United Kingdom Steurbaut-Belgium		Schmid
II Iley (United Kingdom)	4	Engineering draw.	Paradisi-Italy Sun Hwee Cho-Korea	WEHRLI	Holzmann
	5	Wood patternmaking	Matos Dias-Portugal M.Takenaka-Japan		Schneider Siegrist
III Ghedini (Italy)	6	Turning	Y.Taku-Japan M.H.Son-Korea	HANSERMANN	Fankhanser Kiener
	7	Milling	Cêra-Portugal Hunt-Ireland		Aellig
IV Cardoso (Portugal) Woerner (Germany)	8	Construc.Steel work	Leksker-Holland Rüther-Germany	ULRICH	Wild Nicoulaz
	9	Gas Welding	Smith-United Kingdom T.H. Kim-Korea		Solenthaler
	10	Electric welding	M.Sujuki-Japan Miró-Spain		Müllener
V Schürch (Switzerland)	11	Industrial electron	Leitao-Portugal Susstrunk-Switzerland		Eigensatz
	12	TV & R. Repairing	Chiarri-Spain Guerzoni-Italy		Mösiman Blaus
VI Kang (Korea)	13	House Wiring	Tighe-Ireland Da Costa-Portugal		Nobs
	14	Industrial wiring	H.Iwasaki-Japan Nispel-Germany		Mathis
VII Maruoka (Japan)	15	Panel Beating	Vergara-Spain Olfermann-Germany	SOMMER	Lerber Reber
	16	Sheet metal work	Mc Carthy-Ireland Serrano-Spain		Rulger Schär
	17	Plumbing	Bolton-Ireland Jungbhut-Luxemburg		Wyler Bichsel
VIII Schubert (Germany)	18	Bricklaying	Schaber-Switzerland Müller-Germany		Kohler
	19	Stone cutting	Mary-Belgium Clayton-United King.		Wymann
IX Hamer (Holland)	20	Painting	Istaco-Belgium Sangil-Spain		Streit
	21	Plaster work	Hurding-United K. Earlie-Ireland		Wittwer
X Power (Ireland)	22	Cabinet making	Fraefel-Switzerland Bustillo-Spain	Scheidegger Hirsbrunner	Schlatter
	23	Joinery	Watt-United Kingdom Socio-Portugal	Wyler Mate Zahler mach	Beer
XI Walser (Liechtenstein)	24	Carpentry	J.Ch.Kil-Korea Brauer-Germany	HUBER	Rösti
XIII Mischo (Luxemburg)	25	Jewellery	Loosli-Switzerland R.H.Hill-United K.	STEEB	Berthel

Commissions and Presidents		Trades	Experts	Supervisors	Heads of Workshops
XIII Reimondo (Malta)	26	Shoe making	T.S.Kim-Korea Duquesnoy-Holland		Balsiger
	27	Tailoring	Noseda-Belgium v.derWarff-Holland		Müller W.
XIV Vastiau (Belgium)	28	Hairdressing	Weyland-Luxemburg Schoenmakers-Holland	Morgenthaler	Burri

R E S U M E

Juries

Presidents of Commission	15	
Experts	56	71
Collaborators		
Supervisors	12	
Heads of Workshops	35	47
TOTAL	118	118

RULES

These Competitions are competitive. For that reason, certain "rules of play" exist, as well as a general Rule, and another of a technical order which was applied for the first time this year on a trial basis, and which gave excellent results.

This Technical Committee Rule, which is set down in the following pages, was accep - ted and strictly by all concerned.

DRAFT OF THE RULES FOR THE TECHNICAL COMMITTEE IN THE INTERNATIONAL APPRENTICE COMPETITIONS

INTRODUCTION

The operating procedure governing the International Apprentice Competitions and the Regulations which enforce it are approved by the Organizing Council and stipulate in general terms the constitution, functions and responsibi - lities of the Technical Committee, the Juries, the technical experts and workshop foremen, since it is necessary to set down these matters in detail in order to establish a firm base for this Committee and its members to work on within the framework of the Competitions. It was at the meeting of October 1967, therefore, that the Organizing Council adopted the resolution of standardizing the general rules and making them in one set of Regulations containing all the details which provide the basis for the Technical Committee.

Technical Committee

Constitution

1. The Technical Committee will consist of the technical Representatives of each member Country and the General Secretary of the Organizing Council or the person nominated in his place. The Chairman of the Technical Committee will be nominated by the Organizing Council

Functions

2. The foremost functions and responsibilities of the Technical Committee will be the following:

   a) To outline the standard operating procedure for both the technical experts, and the workshop foremen.

   b) To outline the organization, the technical and operating procedure as well as the system of awarding marks for the benefit of the competitors with special reference to the latter whilst the tests are actually being carried out during the Competition.

   c) To standardize the registration cards and data to be recorded on them for possible future information.

   d) To inform the Organizing Council of the exercises to be carried out by the competitors and the system of marking.

   e) To revise and control at the beginning of the Competition all details pertaining to the candidates, ascertaining dates of birth, nationality, language and correct spelling of names and surnames.

   f) To stipulate materials, machinery and tools required by each special operation.

   g) To direct the technical translations needed by the competitors, experts and workshop foremen so as to avoid difficulty in interpreting the meaning of the documents presented to them.

   h) To set down the standard for the juries who will inform the competi - tors of the quality of the work they produced in the Competition.

i) To inform the Organizing Council of the results and consequently to recommend the awards of the prizes.

THE JURY

Members

3. The members of the Jury who will choose the exercises and mark them will be the following:

A chairman, who is to be the technical Representative designated by the Organizing Council.

A minimum number of two experts for each craft entered.

Each craft (exercise) entered will be assigned a Jury by the Organizing Council.

The General Secretariat must be informed, one month before the beginning of the Competition of the names and surnames of the above experts, their special trade and teaching centre, the firm or workshop which employs them, in agreement with the standard from prepared by the Technical Committee.

4. The Chairman of the Jury shall be its sole representative before the Technical Committee and shall be entitled to delegate his responsibilities to any one of the experts, if the need ocurrs, provided that it is accepted by the said Committee. He will be the final authority on each Jury and the experts and workshop foremen are directly under his jurisdication.

Functions

5. Before the beginning of the Competition the Jury will examine all facilities, tools, machinery, equipment, materials, furniture, etc. that the organizing Country makes available to the Council and competitors, so that the tests may be carried out. When this has been done, they may request to the National Committee of the host Country to provide facilities which have not been foreseen so that the Competition may run with the maximum efficiency.

6. Once these facilities have been inspected and made available, they mayt select the exercises to be carried out by the competitors from amongst the proposals submitted to the General Secretariat by the various Technical Representatives in accordance with the resolutions adopted by the Organizing Council. After the exercise have been chosen, they will prepare the marking scheme and set down the maximum time allowed for each operation, as well as the lists of the necessary materials. This will then be handed over to the General Secretariat in compliance with the formalities established. The Secretary will them, if applicable, submit the proposals of each Jury to the Technical Committee.

7. They will work in conjuction with the translators assigned to the General Secretariat, and with the workshop foremen so as to obtain exact translations of all that is needed in the way of materials etc. for each operation.

8. After the Competitors have finished their tests, the Jury shall assess them and put forward proposals for prize awards to the technical Committee on the basis of the marks awarded.

In the event of the Jury not being able to come to an agreement, the Chairman of the Technical Committee will appoint a Committee made up of a minimum number of three members, each from a different Country, to investigate and solve the problem.

9. The Jury will have to formulate their proposals to the Technical Committee for awarding prizes (taking into account article 6 of the Regulations) on the form provided by the General Secretariat. There are three prizes to be won: Gold medal, silver medal, bronze medal. Other competitors may also be awarded a "special mention" and written evidence must be produced explaining the reason for this mention.

When all results have been decided upon, the chairman and members of the respective juries will meet the competitors and explain to them the reasons for the marks awarded to them discussing the quality of their work.

MEMBERS OF THE JURIES

10. The members of the Jury shall be competent experts in the craft assigned to them, having been designated by the representatives of each country and the number of experts will be determined by the Organizing Council for each Competition.

11. The functions of the members of the Jury shall be the following:

a) To act with a right to speak and vote. To attend the meetings of the Technical Committee if called upon by the Technical Representative and with the consent of the chairman, with the right to speak but not to vote.

b) To arrange for and direct the sorting out of places for the work to take place, the machinery, materials, etc. before the beginning of the tests.

c) To determine the time required by all competitors according to the nature of the special operation itself, to study the drawings and become familiar with the machinery and materials they are to use.

d) The quantity, quality and measurements of the various materials must be equal for all competitors. Extra materials must be kept aside in the event of any candidate missing the original material issued to him. The measuring instruments ans necessary tools must be prepared for marking the tests and the competitors must be familiar with these and check them with those that they take with them in front of the Jury.

e) To supervise the competitors and take note of any proof of proficiency and shortcomings, technical skill and qualities, for use as reference when assessing the competitor's performance and when explaining the marking to the candidates at the end of the Competition.

f) To prevent any information about the technical aspects of the operations to be passed between competitors. When it is necessary to give any technical instructions to the competitors it should be given to the competitors as a whole.

g) To make note of the time taken by each competitor per working day, both morning and afternoon and to show these details to the competitors for their agreement.

h) The members of the juries shall take precautions to see that the workshops are locked up at the end of the working days. Any access or breaking into the workshops when locked must be done in the presence of the jury.

i) If necessary, they shall propose to the Jury the extension of time needed to finish the operations should they be unable to finish them in the time allocated, but this shall be in accordance with the Competition's Regulation to that effect.

j) Subject to the agreement of the Jury, they shall decide upon the handing out of new material to any competitor who may have spoilt or damaged the material originally handed out to him.

k) Subject to the agreement of the Jury, the members of the Jury shall authorize the use of tools and equipment brought along by the competitors, in accordance with the standard procedure set down by the Organizing Council.

l) Results of the marking must be kept top secret until the Organizing Council has been notified.

Members of the Jury shall prevent persons not belonging to the Jury to the Organizing Council from starting conversations with the competitors in the workshops.

WORKSHOP FOREMEN

12. The workshop foremen shall be designated by the National Committee of the host Country. They will be available to collaborate with the Juries and the General Secretariat apart from their own relationship with the above National Committee for the purpose of general organisation.

13. The functions of the workshop foremen shall be as follows:

a) To prepare the premises where the tests are to be held as well as the furniture, machinery, tools, equipment, etc. and to keep everything in perfect order.

b) To prepare the materials for the competitors in accordance with the instructions received from the respective Juries and from the General Secretariat.

c) To collaborate with the Juries on the safe keeping of the tests, to close down the premises between working days, and to be of assistance in any matter dealing with the perfect order to be kept in each workshop.

d) In order that the workshops be kept perfectly clean, the workshop foremen shall have them cleaned at suitable hours during the working day since they will be locked up at the end of the day.

14. They shall refrain from voicing any opinion or criticism during the working day and especially during the marking and assessment unless called upon to do so by the Chairman of the Jury. Neither shall they converse with the competitors on details referring to the test they are carrying out.

MARKING SYSTEM

15. In order to mark the tests carried out by the competitors the following rules must be adhered to:

a) Two main factors must be taken into account when assessing the tests: Quality of work and time required.

b) When considering the quality of the work, such criteria as pertain to each craft in particular must be taken into consideration. It is essential that the terms stated in appendix nº 1, accompaying these regulations, must be contained within the marking system. The Juries may include any other points which they deem convenient.

c) The value of the time factor must be established by each Jury according to the characteristics of each operation. On no account shall its value exceed that of the quality of the work carried out.

d) The Juries must established the marking to be set down for "use of material" for each special operation. They should consider the amount of material given to the competitor, the material returned and that which is not used. The Juries will convert the result of their consideration into amtotal of positive or negative marks.

e) The assessment will be determined by finding the average time taken by the competitors in comparison with the actual time taken by each competitor.

The result will be awarded according to the scale of marks attached in appendix nº 2, which bears relation to the time required.

MACHINERY, TOOLS AND EQUIPMENT

16. The host Country shall make available the machinery and working equipment necessary to the Competition. The host Country must also send out to member Countries, at least two months in advance, details of the machinery to be used by the competitors taking care that it is exactly the same for every competitor.

The competitors may use their own tools with previous permission from the Juries or the tools provided by the host country with approval from the juries.

The special working devices brought along by the competitors cannot be used without previous permission from the Jury.

TRANSLATIONS

17. The competitors shall receive a complete set of documents (lay - outs, marking system, technical translations, standard operating procedure and organization etc) translated into their respective languages.

= = = = = = = = =

MARKS AND THEIR PART IN THE COMPETITION

Although a candidate's mark is not really a satisfactory assessment of his personal effort and technical proficiency, marks do at least give a fair general idea of the ability of the candidates as a whole.

Again from the general standpoint, marks do allow us to see whether the standard attained by the candidates constitutes an improvement on previous years.

PARTICIPATION BY COUNTRIES

COUNTRIES	CANDIDATES	CANDIDATES OUTSIDE THE COMPETITION	TOTAL
Germany	28		28
Belgium	16		16
Korea	15		15
Spain	24		24
Holland	23		23
Ireland	21		21
Italy	13		13
Japan	19		19
Liechtenstein	3		3
Luxemburg	6		6
Malta	7		7
Portugal	21		21
United Kingdom	26		26
Switzerland	27	7	34
TOTAL	249	7	256

CANDIDATES IN EACH OF THE DIFFERENT TRADES AND PRIZES OBTAINED IN THE VARIOUS BRANCHES OF SAME.-

TRADES	Germany	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtens	Luxemburg	Malta	U.Kingdom	Portugal	Switzerl.	Special Total	Total Branches
Fitting	S	x	x	x	x	x	x	G	x	x	x	H.M	x	B	14	
Presstool making	S			x	x	x		G	B	x		x		x	9	
Instrument making	H.M				S							H		B	4	
Engineering drawing	x		S	x		x	B	x	H.M		x	x	x	G	11	61
Turning	H.M	x	S	x	x	x	x	G		x	x	B	x	x	13	
Milling	x			H.M.	x	H.M.	G	B			x	x	S	x	10	
Constructional steel w.	H.M.	x		x	B	x	G			x		x	H.M	S	10	
Gas welding	x		G	x		x	x	S				x	B	x	9	
electric welding	x		x	G	x	H.M	x	x				H.M	S	B	10	56-3
Sheet metal work	x		H.M	G	x	S		B			x	x	x		9	
Panel beating	G															
Industrial electron.	S			x								B	H.M	G	5	
TV and Radio repairing	H.M	x		H.M.			G	H.M.				x	B	S	8	
House Wiring	x	x	H.M.	x	x	B	x	H.M				x	S	G	11	37
Industrial wiring	H.M	x	S	H.M	x	x	x	G		x	x	B	x	x	13	
Wood patternmaking	H.M.		S	x	x	x	x	G				B	x	x	10	
Cabinet making	x		H.M	x	S	H.M		B		x		x	x	G	10	
Joinery	x	x		H.M.	x	S		B				G	H.M	x	9	
Carpentry	B	x	G		x	x		H.M				x	x	S	9	
Plumbing	x			B	x	S		x				x	x	G	8	
Bricklaying	S	H.M			x	x	x					B		G	7	
Stone cutting	S	G		x								B	H.M	x	6	37
Painting	x	x	x	G	S	x						x	x	B	9	
Plasterwork	x	x			G	S		x				B		x	7	
Shoe making	x	x	G	x	B									S	6	
Tailoring	B		G	H.M	x	x		S				x		x	8	21
Hairdressing	x	S	x	x	B							x		G	7	
Jewellery	B	x		x	x		x				x	S	x	G	9	9
Total competitors	28	16	15	24	23	21	13	19	3	6	7	26	21	27	249	249
Total gold medals	1	1	4	3	1	-	2	6	-	-	-	2	-	8		
Total Silver medals	5	1	4	1	3	4	-	2	-	-	-	1	3	4		
Total bronze medals	3	-	-	1	3	1	1	5	1	-	-	7	2	4		
Total honour Mentions	6	1	3	6	-	3	-	3	1	-	-	2	4	-		
Total Prizes	15	3	11	11	7	8	3	16	2	-	-	12	9	16		

(1) The trade of woodpatternmaking should be grouped in the Metallurgy Branch.

TEST PROPOSALS ASSIGNED TO EACH COUNTRY AND PRESENTED BY IT, PROPOSALS CHOSEN BY THE DIFFERENT COMMISSIONS

Countries	1 Fitting	2 Press toolmaking	3 Instrument making	4 Engineering D.	5 Wood patternmak.	6 Turning	7 Milling	8 Constr.Steel wk	9 Gas welding	10 Electric welding	11 Industrial Elec.	12 TV & R.Repairing	13 House wiring	14 Industrial wiring	15 Panel beating	16 Sheet metal work	17 Plumbing	18 Bricklaying	19 Stone cutting	20 Painting	21 Plasterwork	22 Cabinet making	23 Joinery	24 Carpentry	25 Jewellery	26 Shoe making	27 Tailoring	28 Hairdressing	Test proposals assigned =	Test proposals presented x	Test proposals chosen o
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	6	10	3
Germany		=x	=		=o		x	x	=x				xo			x		x							=x			o	6	10	3
Belgium	=		x					=											o	=x			=			=	=		6	3	1
Korea					=x	x													=x	=x				=x		=x	=o		6	7	1
Spain	x	x		=x	x	x	x	=x	x	x	=		=x	=x	0	=o	x	=x	=x	x		x	x		=x				9	20	2
Holland															=o		=x		=x		=x					=x		=o	6	6	2
Ireland						=x		=x						=o	=o			=x			=o		=o	=o					8	8	5
Italy				=o	=x	=x	=o		=			=x												=					6	4	2
Japan						=x	=x		o	=		=x									=x		=x	=x			=o		8	8	2
Liechtenstein																													-	-	-
Luxemburg	=x												=	=			x											=	5	2	-
Malta																													-	-	-
Portugal	=x	=x		=x						=o		=x			=o	=x							=x						8	8	2
U. Kingdom		=x	=x				=		=x	=x	=x					=x	=o					=x			o				9	9	2
Switzerland	o	o	o	x		o	x	o	o	x	=o	=o					=o	=o		o	x	=o				o	-	=o	7	18	14
Test proposals assigned =	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	84	-	-
Test proposals presented x	4	5	3	4	4	6	5	4	5	4	2	3	2	2	4	4	5	4	4	4	4	4	3	3	3	3	3	3	-	103	-
Test proposals chosen	1	1	1	1	1	1	1	1	2	1	1	1	1	1	4	1	2	1	1	1	1	1	1	1	1	1	2	3	-	-	36

PRIZES WON BY PARTICIPANT COUNTRIES

COUNTRY	GOLD MEDAL	SILVER MEDAL	BRONZE MEDAL	HONOURABLE MENTION	TOTAL PRIZES
Germany	1	5	3	6	15
Belgium	1	1	-	1	3
Korea	4	4	-	3	11
Spain	3	1	1	6	11
Holland	1	3	3		7
Ireland	-	4	1	3	8
Italy	2	-	1		3
Japan	6	2	5	3	16
Liechtenstein	-	-	1	1	2
Luxemburg	-	-	-	-	-
Malta	-	-	-	-	-
Portugal	-	3	3	4	9
United Kingdom	2	1	7	2	12
Switzerland	8	4	4	-	16
TOTAL	28	28	28	29	113

SWITZERLAND (8)

Engineering drawing.....86,85
Industrial Electronics.....89,75
House Wiring.....91,57
Plumbing.....88,80
Bricklaying.....95,70
Cabinet making.....86,50
Jewellery.....85,35
Hairdressing.....82,20

706,72:8=88,34

JAPAN (6)

Fitting.....92,03
Press toolmaking.....80,84
Wood patternmaking.....85,05
Turning.....93,30
Constructional steel work.....81,16
Industrial wiring.....93,81

526,19:6=87,69

KOREA (4)

Gas welding.....92,51
Carpentry.....85,50
Shoe making.....83,95
Tailoring.....93,45

355,41:4=88,85

SPAIN (3)

Electric Welding.....85,44
Sheet metal work.....84,50
Painting.....76,60

246,54:3=82,18

UNITED KINGDOM (2)

Instrument making.....85,89
Joinery.....92,32

178,21:2=89,10

ITALY (2)

Milling.....89,85
T.V. and Radio Repairing.....76,90

166,75:2=83,37

BELGIUM (1)

Stone Cutting.....89,09

GERMANY (1)

Panel Beating.....79,40

HOLLAND (1)

Plaster Work.....74,00

Total Gold medals..... 28

Total marks.....2.422,31

Average Marks..... 86,51

ANALYSIS OF MARKS OBTAINED BY THE SILVER MEDAL WINNERS

GERMANY (5)

Fitting.....90;54
Press toolmaking.....72,63
Industrial Electronics.....84,25
Bricklaying.....88,75
Stone Cutting.....87,21

423,38:5=84,67

KOREA (4)

Engineering drawing.....81,01
Wood patternmaking.....77,75
Turning.....89,94
Industrial Wiring.....91,91

340,61:4=85,15

SWITZERLAND (4)

Constructional steel work.....80,39
T.V. and Radio Repairing.....72,70
Carpentry.....79,00
Shoe making.....73,10

305,19:4=76,29

IRELAND (4)

Sheet metal work.....69,55
Plumbing.....76,05
Plaster work.....68,25
Joinery.....86,29

300,14:4=75,03

PORTUGAL (3)

Milling.....86,90
Electric Welding.....84,60
House Wiring.....90,40

261,90:3=87,30

HOLLAND (3)

Instrument making.....84,65
Painting.....72,90
Cabinet making.....79,95

237,50:3=79,16

JAPAN (2)

Gas welding.....85,73
Tailoring.....84,00

169,73:2=84,86

UNITED KINGDOM (1)

Jewellery.....84,85

BELGIUM (1)

Hairdressing.....79,50

SPAIN (1)

Panel Beating.....77,90

Total silver medals..... 28

Total marks.....2.280,70

Average marks..... 81,45

ANALYSIS OF MARKS OBTAINED BY THE BRONZE MEDAS WINNERS

UNITED KINGDOM (7)

Wood patternmaking.....74,55
Turning.....84,11
Industrial Electronic.....80,54
Industrial Wiring.....85,59
Bricklaying.....78,75
Stone Cutting.....87,11
Plaster work.....61,25

551,90:7=78,74

JAPAN (5)

Milling.....86,75
Panel Beating.....76,10
Sheet Metal work.....68,63
Cabinet making.....79,45
Joinery.....81,76

392,69:5=78,53

SWITZERLAND (4)

Fitting.....88,43
Instrument making.....83,14
Electric welding.....74,55
Painting.....70,90

317,02:4=79,25

GERMANY (3)

Carpentry.....78,20
Jewellery.....72,70
Tailoring.....80,50

231,40:3=73,13

HOLLAND (3)

Constructional Steel work.....69,92
Shoe making.....68,85
Hairdressing.....77,40

216,17:3=72,05

PORTUGAL (2)

Gas Welding.....83,73
T.V. and Radio Repairing.....71,20

154,93:2=77,46

IRELAND (1)

House Wiring.....86,93

ITALY (1)

Engineering Drawing.....77,73

SPAIN (1)

Plumbing.....75,10

LIECHTENSTEIN (1)

Press toolmaking.....70,36

Total bronze medals..... 28

Total marks.....2.174,23

Average marks..... 77,65

ANALYSIS OF MARKS OBTAINED BY THE CANDIDATES AWARDED HONOURABLE MENTION

GERMANY (6)

Instrument making.....81,25
Wood patternmaking.....73,55
Turning.....82,72
Constructional Steel work.....69,65
T.V. and Radio Repairing.....70,65
Industrial Wiring.....85,11

462,93:6=77,15

SPAIN (6)

Fitting.....82,76
Milling.....85,45
T.V. and Radio Repairing.....68,65
Industrial Wiring.....78,22
Joinery.....79,77
Tailoring.....79,35

474,20:6=79,03

PORTUGAL (4)

Constructional Steel work.....69,65
Industrial Electronics.....79,41
Stone Cutting.....85,23
Joinery.....79,44

313,73:4=78,43

JAPAN (3)

T.V. and Radio Repairing.....69,82
House Wiring.....86,83
Carpentry.....75,00

231,65:3=77,21

KOREA (3)

House Wiring.....86,59
Sheet metal work.....67,00
Cabinet Making.....71,70

225,29:3=75,09

IRELAND (3)

Milling.....78,95
Electric Welding.....70,65
Cabinet Making.....71,95

221,55:3=73,85

UNITED KINGDOM (2)

Fitting.....83,93
Electric Welding.....70,46

154,39:2=77,19

BELGIUM (1)

Bricklaying.....78,65

LIECHTENSTEIN (1)

Engineering drawing.....76,66

Total honourable mentions..... 29

Total marks.....2.239,05

Average marks..... 77,20

RESUME

TOTAL MARKS OBTAINED BY PRIZE-WINNERS

Awards	Nº	Marks	Average
Gold Medals	28	2.422,31	86,51
Silver Medals	28	2.280,70	81,45
Bronze Medals	28	2.174,23	77,65
Honourable Mentions	29	2.239,05	77,20
TOTALS	113	9.116,29	80,67

Table of the number of contestants taking part in the different branches of each trade, total marks obtained and the corresponding averages.

Branches and trades	Contestants	Total marks	Average	Grouping as per average
MECHANIC				
Fitting	14	959;69	68;54	15º
Press toolmaking	9	586;92	65;21	21º
Instrument making	4	334;93	83;73	1º
Engineering drawing	11	722;84	65;71	20º
Turning	13	934;79	71;90	10º
Milling	10	741,25	72,12	9º
Totals and Averages	61	4.280,42	70,17	3º
METALLURGIC				
Constructional Steel work	10	651;88	65;18	22º
Gas welding	9	594;07	66;00	19º
Electric welding	10-1	609;45	67;71	18º
Panel Beating	8-1	489;50	69;92	13º
Sheet metal work	9	551;83	61;31	25º
Wood patternmaking	10-1	583,15	64,79	23º
Totals and averages	56-3	3.479,88	65,65	7º
WOOD				
Cabinet making	10	716;95	71;69	11º
Joinery	9	730;16	78;12	5º
Carpentry	9	550,30	61,14	27º
4				
Totals and averages	28	1.970,45	70,37	3º
ELECTRICITY				
Industrial Electronics	5	390;70	78;14	5º
T.V.and Radio Repairing	8	548;97	68;62	14º
House Wiring	11	896;42	81;49	3º
Industrial Wiring	13	1.002,75	77,13	7º
Totals and averages	37	2.838,84	76,72	1º
CONSTRUCTION				
Plumbing	8	560;80	71;10	12º
Bricklaying	7	538;95	76;99	8º
Stone Cutting	6	499;50	83;25	2º
Painting	9	560;20	62;24	25º
Plaster Work	7	368,00	52,57	28º
Totals and averages	37	2.535,45	68,52	5º
CONFECTION AND SERVICES				
Shoe making	6	383;95	63;99	24º
Tailoring	8	630;25	78;78	4º
Women Hairdressing	7	476,60	68,08	15º
Totals and averages	21	1.490,80	70,99	2º

Branches and trades	Contestants	Total marks	Average	Grouping as per average
ARTISTIC SERVICES				
Jewellery	9	610,20	67,80	17º
Totals and averages	9	610,20	67,80	6º
General totals & averages	249-3	17.206,00	69,94	
DEMOSTRATION				

INDICATION OF THE NUMBER OF COMPETITORS WHO WILL PARTICIPATE IN EACH TRADE; TOTAL MARKS IN EACH ONE OF THEM AND AVERAGE AT THE XIV COMPETITION (GLASGOW), XV (UTRECHT), XVI (MADRID) AND XVII (BERNE).

TRADES	PARTICIPANTS				TOTAL MARKS				AVERAGE				BRANCH
	XIV	XV	XVI	XVII	Glasgow	Utrecht	Madrid	Berna	XIV	XV.	XVI	XVII	
Fitting	14	10	10	14	1.011,99	735,03	830,59	959,69	78,28	73,50	83,05	68,54	
Prestool m.	9	8	7	9	341,36	567,98	318,74	586,92	37,92	70,99	45,53	65,21	
Instrument M.	Demos	4	4	4	Demostra.	295,53	229,57	334,93	Demos	73,88	57,39	83,73	
Engineering	8	8	7	11	501,40	543,30	513,90	722,84	62,67	67,91	73,41	65,71	MECHANIC
Turning	15	8	10	13	951,44	591,05	619,60	934,79	63,42	73,05	61,96	71,90	
Milling	7	8	7-1	10	402,16	516,63	409,34	741,25	57,45	64,57	68,22	72,12	
TOTALS	53	46	45-1	61	3.208,35	3.249,52	2.971,74	4,280,42	60,53	70,64	66,40	70,17	
Foundry M.	4	7	8-8		321,40	557,87	-	-	80,35	79,69	-	-	
Woodpattern	8	8	8	10-1	569,05	343,19	404,25	583,15	71,13	42,89	50,53	64,79	
Construc,S.	7	8	9	10	494,01	584,05	718,43	651,88	70,57	73,00	79,82	65,18	
Sheet metal	7	7	8-4	9	335,05	493,25	267,00	551,83	47,86	70,46	66,75	61,31	METALLURGY
Panel Beat.	5	6	5	8-1	300,40	389,00	366,55	489,50	60,08	64,83	73,31	69,92	
Gas welding	7	8	7	9	464,90	608,91	418,35	594,07	66,41	76,11	59,76	66,00	
Elec.welding	7	8	8	10-1	448,80	482,44	544,15	609,45	64,11	60,30	68,01	67,71	
TOTALS	45	52	53-12	46-2	2.933,61	3.458,71	2.718,71	2.896,73	65,19	66,51	66,31	65,83	
Industrial c.	Demos	Demo	5	5	Demostrac	Demostrac.	423,30	390,70	Demos	Demos	84,86	78,14	
TV R.repair.	5	7	7	8	340,04	579,71	521,50	548,97	68,00	82,81	74,50	60,62	
Industrial w.	8	10	9	13	579,85	742,06	690,26	896,42	72,48	74,20	76,58	77,13	ELECTRICITY
House wiring	14	10	9	11	1.142,10	855,42	754,75	1.02,75	87,29	85,54	83,86	81,49	
TOTALS	27	27	30	37	2.061,99	2.177,19	2.389,81	2.838,84	76,37	80,63	79,66	76,62	
Stone Cutting	5	6	5-1	6	388,10	458,47	322,20	499,50	77,62	76,41	88,55	83,25	
Bricklaying	6	8	8-1	7	436,17	571,72	474,45	538,95	72,69	71,46	67,87	78,99	
Plastering	6	7-1	6	7	384,40	408,75	428,25	368,00	64,06	68,12	71,37	52,57	
Painting	7	7	8	9	444,56	515,00	564,80	560,20	63,50	73,57	70,60	62,24	CONSTRUCTIO
Plumbing	6	8	8	8	362,61	532,10	527,55	568,80	60,43	66,51	65,94	71,10	
TOTALS	30	36-1	35-2	37	2.015,84	2.486,04	3.317,25	2.535,45	67,19	71,02	70,21	68,52	

TRADES	PARTICIPANTS				TOTAL MARKS				AVERAGE				BRANCH
	XIV	XV	XVI	XVII	Glasgow	Utrecht	Madrid	Berne	XIV	XV	XVI	XVII	
Cabinet M. Joinery Carpnetry	14 13 7	11-1 8 8	8 9-1 7	10 9 9	957,20 906,31 469,22	634,25 560,65 508,20	491,90 560,65 455,79	716,95 703,16 559,30	68,37 69,70 67,03	57,70 63,66 63,52	61,48 70,08 65,11	71,69 78,12 61,14	WOOD
TOTALS	34	27-1	24-1	38-12	2.332,73	1.651,80	1.508,34	2.553,56	68,60	63,53	65,58	69,01	
Gols smith Jewellery	3 8	5 8	3 7	- 9	206,50 533,50	327,80 468,10	207,75 563,50	- 610,20	68,83 66,68	65,56 58,51	69,25 80,50	- 67,80	ARTISTIC OFFICES
TOTALS	11	13	10	9	740,00	795,90	771,25	610,20	67,27	61,22	77,12	67,80	
Tailoring Shoe making women haird. Gentlemen hair	Demos Demos No No	7 4 7 -	7 4 5 4	8 6 7 No	Demostra Demostra No No	565,30 263,40 Demostra Demostra	524,60 218,20 277,40 257,40	630,25 383,95 476,60 -	Demos Demos No No	80,75 65,85 Demos Demos	74,94 72,73 55,48 64,35	78,78 63,99 68,08 -	CONFECTION LEATHER & SERVICES
TOTALS	-	18-7	20-1	21	-	828	1.277,60	1.490,80	-	75,33	67,24	70,99	
GENERAL TOTALS	200	221-11	217-17	249-3	13.292,52	14.647,86	13.954,70	17,2060	66,46	69,75	69,77	69,94	

BRANCHES	COUNTRIES	CONTESTANTS	TOTAL MARKS	AVERAGE
Mechanic				
Fitting	Japan	5	422,85	84;57
Press toolmaking	Korea	3	247,07	82,35
Instrument making	Germany	6	474;86	79;14
Engineering draw.	Switzerland	6	468,85	78,14
Turning	Spain	5	372 5	74,41
Milling	Italy	4	289,95	72;48
	United Kingdom	6	430;69	71;78
	Holland	5	345,26	69;05
	Ireland	5	335;55	67;11
	Liechtenstein	3	198,17	66;05
	Portugal	4	263;44	65;86
	Luxemburg	3	169,12	56,37
	Belgium	2	103,53	51;76
	Malta	4	159,03	39,75
TOTALS	14 Countries	61	4.280,42	70,16-3
Wood				
Cabinet making	Switzerland	3	240,44	80,14
Joinery	Japan	3	236;21	78;73
Carpentry	Korea	2	157,20	78;60
	Germany	3	244;26	74,75
	Spain	2	149,47	74;73
	Ireland	3	219,24	73;08
	United Kingdom	3	210,57	70,19
	Luxemburg	1	66,50	66,50
	Holland	3	193,40	64;46
	Portugal	3	175,09	58,36
	Belgium	2	98,03	49,01
TOTALS	11 countries	28	1.970,41	70,37
Metallurgic				
Constructional ste.	Japan	6	450,54	75,09
Gas welding	Portugal	5	358,68	71,73
Electrid welding	Korea	4	282,71	70,67
Panel Beating	Spain	6	420,84	70,14
Sheet metal work	Germany	6	405,75	67,62
Wood patternmaking	Switzerland	5	335;63	67,12
	United Kingdom	5	332,73	66,54
	Holland	5	307,47	61,49
	Luxemburg	1	60,92	60,92
	Ireland	6	350,69	58,44
	Belgium	2-1	49,33	49,33
	Italy	3-2	86,09	43,04
	Malta	1	38,50	38,50
TOTALS	13 Countries	56-3	3.479,88	65,65

BRANCHES	COUNTRIES	CONTESTANTS	TOTAL MARKS	AVERAGES
Electricity				
Industrial Electro.	Korea	2	178,50	89,25
T.V. & Radio Repairing	Switzerland	4	335,95	83;98
House Wiring	Luxemburg	1	83;77	83;77
Industrial Wiring	Japan	3	250,46	83;48
	Ireland	2	146,61	82;30
	Germany	4	318;70	79;67
	Portugal	4	315;63	78;90
	Italy	3	223;85	74;61
	Holland	2	146,69	73;34
	United Kingdom	4	292,87	73;21
	Spain	4	279,22	69;80
	Belgium	3	204;16	68;05
	Malta	1	44,43	44,43
TOTALS	13 countries	37	2.838,84	76,72-1º
Confection & Services				
Shoe making	Japan	1	84;00	84;00
Tailoring	Switzerland	3	233;50	77;83
Hairdressing	Korea	3	229,10	76,36
	Holland	3	223,50	74,50
	Ireland	1	72,00	72,00
	Belgium	2	143,15	71,57
	United Kingdom	2	134,20	67;10
	Germany	3	191,40	63,80
	Spain	3	179,85	59,95
TOTALS	9 countries	21	1.490,80	70,99-2º
Artistic Services				
Jewellery	Switzerland	1	85,35	85;35
	United Kingdom	1	84,85	84,85
	Germany	1	72,70	72,70
	Italy	1	69,10	69,10
	Holland	1	68,30	68,30
	Spain	1	68,20	68,20
	Portugal	1	66,10	66,10
	Belgium	1	56,60	56;60
	Malta	1	39,00	39,00
TOTALS	9 countries	9	610,20	67,80-6º

BRANCHES	COUNTRIES	CONTESTANTS	TOTAL MARKS	AVERAGE
Construction				
Plumbing	Spain	3	229,01	76,33
Bricklaying	Switzerland	5	379,20	75,84
Stone cutting	Holland	4	288,30	72,07
Painting	United Kingdom	5	359,81	71,96
Plaster Work	Germany	5	355,36	71,07
	Ireland	4	271,25	67,81
	Portugal	3	197,23	65,74
	Belgium	4	259,99	64,99
	Korea	1	54,40	54,40
	Italy	1	52,65	52,65
	Japan	2	88,25	44,12
TOTALS	11 Countries	37	2.535,45	68,52
TOTAL GENERAL	14 Countries	249-3	17.206,00	69,94

General and average marks corresponding to each trade included in the Competition

TRADES	TOTAL MARKS	AVERAGE	COMPETITORS
1. Instrument making	334,93	83,73	4
2. Stone Cutting	499,50	83,25	6
3. House Wiring	896,42	81,49	11
4. Tailoring	630,25	78,78	8
5. Industrial Electronics	390,70	78,14	5
6. Joinery	703,16	78,12	9
7. Industrial Wiring	1.002,75	77,13	13
8. Bricklaying	538,95	76,99	7
9. Milling	741,25	72,12	10
10. Turning	934,79	71,90	13
11. Cabinet Making	716,95	71,69	10
12. Plumbing	568,80	71,10	8
13. Panel Beating	489,50	69,92	8-1
14. T.V. and Radio Repairing	548,97	68,62	8
15. Fitting	959,69	68,54	14
16. Hairdressing	476,60	68,08	7
17. Jewellery	610,20	67,80	9
18. Electric Welding	609,45	67,71	10-1
19. Gas Welding	594,07	66,00	9
20. Engineering drawing	722,84	65,71	11
21. Press toolmaking	586,92	65,21	9
22. Constructional steel work	651,88	65,18	10
23. Wood patternmaking	583,15	64,79	10-1
24. Shoe making	383,95	63,99	6
25. Painting	560,20	62,24	9
26. Sheet metal work	551,83	61,31	9
27. Carpentry	550,30	61,14	9
28. Plaster Work	368,00	52,57	7
TOTALS	17.206,00	69,94	249

TOTAL AND AVERAGE MARKS PER TRADE BRANCH

Branches	Total marks	Average	Competitors
1. Electricity	2.838,84	76,72	37
2. Confection Leather and Services	1.490,80	70,99	21
3. Wood	1.970,41	70,37	28
4. Mechanic	4.280,42	70,17	61
5. Construction	2.535,45	68,52	37
6. Artistic Services	610,20	67,80	9
7. Metallurgy	3.479,88	65,65	56-3
TOTALS	17.206,00	69,94	249-3

Contestants, awards won, marks and averages obtained by member countries

Countries	Cntestants	Medals won			Honourable Mention	Total awards	Total marks	Average
		Gold	Silver	Bronze				
Germany	28	1	5	3	6	15	2.043,03	72,96
Belgium	16	1	1	-	1	3	914,89	60,99
Korea	15	4	4	-	3	11	1.148,98	75,59
Spain	24	3	1	1	6	11	1.698,64	70,77
Holland	23	1	3	3	-	7	1.572,92	68,38
Ireland	21	-	4	1	3	8	1.413,34	67,30
Italy	13	2	-	1	-	3	721,64	65,70
Japan	19	6	2	5	3	16	1.532,31	76,53
Liechtenstein	3	-	-	1	1	2	198,17	65,05
Luxemburg	6	-	-	-	-	-	380,31	63,38
Malta	7	-	-	-	-	-	280,96	40,13
Portugal	21	-	3	2	4	9	1.376,17	68,80
United Kingdom	26	2	1	7	2	12	1.845,72	70,98
Switzerland	27+ 7	8	4	4	-	16	2.078,92	76,99
T O T A L	249+7	28	28	28	29	113	17.206,00	69,94

Comparative table of Gold Medal winners at the 14th Competition (Glasgow) 15th (Utrecht), 16th (Madrid), and 17th (Berne)

COUNTRIES	Gold Medals				Total marks				Averages			
	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII
Germany	3	1	4	1	260,07	95,60	330,25	79,40	86,69	95,60	82,56	79,40
Belgium	1	1	2	1	85,45	88,13	176,86	89,09	85,45	88,13	88,43	89,09
Korea	N.P.	N.P.	2	4	N.P.	N.P.	168,80	355,41	N.P.	N.P.	88,40	88,85
Spain	4	2	9	3	338,98	168,80	749,68	246,54	84,74	88,40	83,29	82,18
Holland	2	5	1	1	232,23	420,25	74,75	74,00	77,41	82,05	74,75	74,00
Ireland	1	1	1	-	92,99	76,30	72,40	-	92,99	76,30	72,40	-
Italy	-	4	1	2	-	366,29	84,55	166,75	-	91,57	84,55	83,37
Japan	6	9	5	6	805,98	737,04	454,69	526,19	89,55	81,89	90,93	87, 69
Liechtenstein	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Luxemburg	"	"	"	-	"	"	"	-	"	"	"	-
Malta	"	"	"	-	"	"	"	-	"	"	"	-
Portugal	2	-	3	-	153,48	-	225,61	-	76,74	-	75,20	-
United Kingdom	9	4	2	2	805,98	347,50	163,65	178,21	89,55	86,87	81,82	89,10
Switzerland	2	2	2	8	170,00	180,05	143,73	706,72	85,00	90,02	71,86	88,34
T O T A L S ...	31	29	32	28	2.664,98	2469, 96	2.64497	2.422,31	85,96	85,17	82,65	86,51

Table of marks obtained by Silver Medal Winners at the 14th Competition (Glasgow) 15th (Utrecht) 16th (Madrid and 17th (Berne)

COUNTRIES	Silver Medals				Total marks				Averages			
	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII
Germany	5	5	5	5	408,41	369,01	367,03	423,38	81,68	73,80	73,40	84,67
Belgium	2	2	2	1	143,70	162,43	155,66	79,50	71,81	81,20	77,83	79,50
Korea	-	-	1	4	-	-	70,85	340,61	-	-	70,85	85,15
Spain	5	-	4	1	406,10	-	324,57	77,90	81,22	-	81,14	77,90
Holland	-	4	5	3	-	330,80	237,50	-	-	82,70	71,11	79,16
Ireland	3	3	5	4	256,80	242,88	379,41	300,14	85,60	80,96	75,88	75,03
Italy	2	-	2	-	160,32	-	67,50	80,16	80,16	-	67,50	-
Japan	5	3	7	2	404,38	263,89	492,15	169,73	80,87	87,96	82,02	84,86
Liechtesntein	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Luxemburg	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Malta	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Portugal	1	-	1	3	94,65	-	68,35	261,90	94,65	-	68,35	87,30
United Kingdom	5	5	1	1	369,03	399,58	172,09	84,85	73,80	79,91	86,04	84,85
Switzerland	2	6	6	4	164,25	478,06	459,45	305,19	82,12	79,67	76,57	76,29
T O T A L S ...	30	28	40	28	2.407,64	2.246,65	2.912,65	2.280,70	77,65	80,25	76,64	81,45

Comparative table of bronze medal winners at the 14th Competition (Glasgow) 15th (Utrecht) 16th (Madrid and 17th (Berne)

COUNTRIES	Bronze Medals				Total marks				Average			
	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII
Germany	8	8	8	3	575,64	596,14	602,99	231,40	71,95	74,51	75,37	73,13
Belgium	1	1	2	-	69,95	74,30	117,35	-	69,95	74,30	58,67	-
Korea	N.P.	N.P.	2	-	-	-	135,30	-	-	-	67,75	-
Spain	1	1	4	1	88,40	68,95	280,22	75,10	88,40	68,95	70,05	75,10
Holland	4	5	6	3	314,25	399,61	414,61	216,17	78,56	79,92	69,10	72,05
Ireland	6	3	3	1	428,67	240,07	266,49	86,93	71,44	80,02	79,49	86,93
Italy	-	1	-	1	-	82,87	-	77,73	-	-	82,87	77,73
Japan	2	2	2	5	169,35	162,27	133,15	392,69	84,67	81,13	66,57	78,53
Liechtenstein	N.P.	N.P.	N.P.	1	N.P.	N.P.	N.P.	70,36	N.P.	N.P.	N.P.	70,36
Luxemburg	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Malta	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Portugal	1	-	4	2	69,40	-	276,94	154,93	69,40	-	69,23	77,46
United Kingdom	5	3	2	7	575,64	223,60	144,39	551,90	71,95	74,53	72,19	78,84
Switzerland	1	4	5	4	78,00	277,98	359,90	317,02	78,00	69,49	71,98	79,25
T O T A L S	29	28	38	28	2.134,66	2.125,79	2.691,54	2.174,23	73,60	75,74	70,83	77,65

Comparative table of Honourable Mention winners at the 14th Competition (Glasgow) 15th (Utrecht) 16th (Madrid) and 17th (Berne)

COUNTRIES	Honourable Mention				Total marks				Average			
	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII
Germany	2	2	1	6	152,35	238,46	63,96	462,93	76,17	79,48	63,96	77,15
Belgium	2	-	-	1	140,98	-	-	78,65	70,49	-	-	70,65
Korea	N.P.	N.P.	-	3	-	-	63,44	225,29	-	-	63,44	75,09
Spain	1	4	-	6	70,95	327,40	-	474,20	70,95	81,85	-	79,03
Holland	2	-	-	-	147,12	-	-	-	73,56	-	-	-
Ireland	2	-	-	3	148,42	-	-	221,56	74,21	-	-	73,85
Italy	2	-	1	-	158,35	-	80,50	-	79,17	-	80,50	-
Japan	2	1	-	3	137,02	87,35	-	231,65	68,51	87,35	-	77,21
Liechtenstein	N.P.	N.P.	N.P.	1	N.P.	N.P.	N.P.	76,66	N.P.	N.P.	N.P.	76,66
Luxemburg	-	1	-	-	-	81,50	-	-	-	81,50	-	-
Malta	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-	N.P.	N.P.	N.P.	-
Portugal	-	2	1	4	-	119,70	77,60	313,73	-	59,85	77,60	78,43
United Kingdom	2	-	1	2	147,93	-	71,10	154,39	73,96	-	71,10	77,19
Switzerland	-	2	1	-	-	173,51	84,92	-	-	84,75	84,92	-
TOTALS ...	15	12	6	29	1.103,12	1.027,92	441,52	2.239,05	73,54	79,07	73,58	77,20

DATE AND PLACE OF THE INTERNATIONAL APPRENTICE COMPETITION HELD SO FAR

I Competition	1.950.....	Madrid	(Spain)
II Competition	1.952.....	Madrid	(Spain)
III Competition	1.953.....	Madrid	(Spain)
IV Competition	1.954.....	Madrid	(Spain)
V Competition	1.965,,,.....	Madrid	(Spain)
VI Competition	1.957.....	Madrid	(Spain)
VII Competition	1.958.....	Brussels	(Belgium)
VIII Competition	1.959.....	Módena	(Italy)
IX Competition	1.960.....	Barcelona	(Spain)
X Competition	1.961.....	Duisburg	(Germany)
XI Competition	1.962.....	Gijón	(Spain)
XII Competition	1.963.....	Dublin	(Ireland)
XIII Competition	1.964.....	Lisbon	(Portugal)
XIV Competition	1.965.....	Glasgow	(United Kingdom)
XV Competition	1.966.....	Utrecht	(Holland)
XVI Competition	1.967.....	Madrid	(Spain)
XVII Competition	1.968.....	Berne	(Switzerland)

Comparative table of participants and awards obtained by Member Countries at the 14th, 15th, 16th and 17th Competitions, (Glasgow, Utrecht, Madrid and Berne)

COUNTRIES	Participants				MEDALS												Honourable Mention				TOTALS Medals				Mentions			
					GOLD				SILVER				BRONZE															
	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XVII	XIV	XV	XVI	XV
Germany	26	28	32	28	3	1	4	1	5	5	5	5	8	8	8	3	2	2	1	6	16	14	17	9	2	2	1	6
Belgium	17	16	15	16	1	1	2	1	2	2	2	1	1	1	2	-	2	-	-	1	4	4	6	2	2	-	-	1
Korea	-	-	9	15	-	-	2	4	-	-	1	4	-	-	2	-	-	-	1	3	-	-	5	8	-	-	1	3
Spain	26	26	38	24	4	2	9	3	5	-	4	1	1	1	4	1	1	4	-	6	10	3	17	5	1	4	-	6
Holland	16	30	25	23	3	5	1	1	-	4	5	4	6	3	3	1	2	-	-	3	9	7	9	5	2	-	-	3
Ireland	28	23	21	21	1	1	1	-	3	2	5	4	6	3	3	1	2	-	-	3	9	7	9	5	2	-	-	3
Italy	13	15	10	13	-	4	1	2	2	-	2	-	1	2	-	1	2	-	1	-	4	5	4	3	2	-	1	-
Japan	19	20	20	19	6	9	5	6	5	3	7	2	2	1	2	5	2	1	-	3	13	14	14	13	2	1	-	3
Liechtenstein	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Luxemburg	1	4	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malta	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	18	14	19	21	2	-	3	-	1	-	1	3	1	-	4	2	-	2	1	4	4	-	8	5	-	2	1	4
United King.	28	27	26	26	9	4	2	2	5	5	2	1	5	3	2	7	2	-	1	2	15	12	6	10	2	-	1	2
Switzerland	9	18	18	34	2	2	2	8	2	6	6	4	1	4	5	4	-	2	1	-	5	12	13	16	-	2	1	-
TOTALS	200	221	233	256	31	29	32	28	30	28	40	28	30	28	28	28	15	12	6	29	87	85	111	84	15	12	6	29

PARTICIPANTS, TOTAL MARKS AND GENERAL AVERAGES AS PER BRANCHES AT THE 14TH, 15TH, 16TH, AND 17TH COMPETITIONS HELD IN 1965, 1966, 1967 AND 1.968 IN GLASGOW, UTRECHT, MADRID AND BERNE.-

CLASSIFICATION				BRANCHES	PARTICIPANTS				TOTAL MARKS				AVERAGES			
Glasgow	Utrecht	Madrid	Berne		Glasgow	Utrecht	Madrid	Berne	Glasgow	Utrecht	Madrid	Berne	XIV	XV	XVI	XVII
1º	1º	1º	1º	Electricity	27	27	30	37	2.061,99	2.177,19	2.389,81	2.838,84	76,37	80,63	79,66	76,72
2º	6º	6º	4º	Wood	34	27	24	28	2.332,73	1.651,80	1.508,34	1.970,41	68,60	63,53	65,58	70,37
3º	7º	2º	6º	Artistic Offices	11	13	10	9	740,00	795,90	771,25	610,20	67,27	61,22	72,12	67,80
4º	3º	3º	5º	Construction	30	36	35	37	2.015,84	2.486,04	2.317,25	2.535,45	67,19	71,02	70,21	68,52
5º	5º	7º	7º	Metallurgy	45	52	53	56-3	2.933,61	3.458,71	2.718,71	3.479,88	65,19	69,75	66,31	65,65
6º	4º	5º	3º	MECHANIC	53	46	45	61	3.208,35	3.249,52	2.971,74	4.280,42	60,53	70,64	66,40	70,17
7º	2º	4º	2º	Confection Leather, Services.	-	11	20	21	-	828,70	1.277,60	1.490,80	-	75,33	67,24	70,99
T O T A L . . .				. . . . .	200	212	217	249 -3	13.292,52	14.647,86	13.954,70	17.206,00	64,40	69,75	69,77	69,94

Scale of competitors at each of the Competitions held up to 1968.

COMPETITION	YEAR	PLACE	Nº COMPETITORS
XVII	1968	Borno	256
XVI	1967	Madrid	233
XII	1963	Dublin	227
XV	1966	Utrecht	221
XIV	1965	Glasgow	200
XIII	1964	Lisbon	198
X	1960	Barcelona	173
XI	1962	Gijón	156
VIII	1959	Modena	150
VII	1958	Brussels	144
VI	1957	Madrid	128
V	1956	Madrid	88
IV	1954	Madrid	83
III	1953	Madrid	65
I	1950	Madrid	24
II	1952	Madrid	16

Competitions held..... 17
Participating Countries..... 18
Host Countries..... 9
Total competitors.....2.555

Year of entry of the Countries into the International Apprentice Competitions, and first Competition in which each participated.

Spain	I	1950	Madrid (Spain)
Portugal	I	1950	Madrid (Spain)
Germany	III	1953	Madrid (Spain)
Switzerland	III	1953	Madrid (Spain)
France	III	1953	Madrid (Spain)
United Kingdom	III	1953	Madrid (Spain)
Morocco	III	1953	Madrid (Spain)
Belgium	IV	1954	Madrid (Spain)
Italy	V	1956	Madrid (Spain)
Ireland	VI	1957	Madrid (Spain)
Luxemburg	VII	1958	Brussels (Belgium)
Austria	X	1961	Duisburg (Germany)
Holland	XI	1962	Gijón (Spain)
Japan	XI	1962	Gijón (Spain)
Denmark	XII	1963	Dublin (Ireland)
Korea	XIV	1967	Madrid (Spain)
Liechtenstein	XVII	1968	Berne (Switzerland)
Malta	XVII	1968	Berne (Switzerland)

Number of Competitions in which each Country has participated and total number of competitors presented.

COUNTRIES	COMPETITIONS	PARTICIPANTS
Spain	17	450
Portugal	17	245
Germany	15	323
United Kingdom	14	319
Belgium	14	237
Switzerland	13	134
Ireland	12	233
Italy	12	199
Holland	7	129
Japan	7	117
Luxemburg	7	41
France	6	35
Austria	3	24
Morrocco	2	24
Korea	2	24
Denmark	1	11
Malta	1	7
Liechtenstein	1	3
TOTAL		2.555

PARTICIPANTS BY COUNTRIES AND COMPETITIONS

COUNTRIES	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	TOT
Spain	12	8	24	26	28	35	30	28	37	30	25	27	26	26	26	38	24	450
Portugal	12	8	8	10	9	14	8	12	17	12	16	20	27	18	14	19	21	245
Germany	-	-	18	19	5	13	13	16	25	32	24	24	20	26	28	32	28	323
United Kingdom	-	-	1	-	7	12	20	23	31	31	28	31	28	28	27	26	26	319
Switzerland	-	-	4	8	3	-	2	3	-	11	5	10	9	9	18	18	34	134
France	-	-	1	3	10	6	10	-	-	5	-	-	-	-	-	-	-	35
Morocco	-	-	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	24
Belgium	-	-	-	2	11	25	25	19	20	19	18	15	19	17	16	15	16	237
Italy	-	-	-	-	15	19	15	31	25	19	-	13	11	13	15	10	13	199
Ireland	-	-	-	-	-	4	17	14	18	18	16	32	21	28	23	21	21	233
Luxemburg	-	-	-	-	-	-	4	4	-	8	-	9	6	-	4	-	6	41
Austria	-	-	-	-	-	-	-	-	-	8	8	8	-	-	-	-	-	24
Holland	-	-	-	-	-	-	-	-	-	-	8	13	14	16	30	25	23	129
Japan	-	-	-	-	-	-	-	-	-	-	8	14	17	19	20	20	19	117
Denmark	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	11
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15	24
Liechtenstein	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
TOTALS	24	16	65	83	88	128	144	150	173	193	156	227	198	200	221	233	256	2.555

MEASURES AND RESOLUTIONS

Although the Competitions are subject to a general rule, each one varies in certain details. Such variations naturally do not contravene the Rule, but they still need to be approved by the Organizing Council and recorded in the Minutes which are the responsibility of the Secretariat-General acting on orders from Council and its President.

On the following pages will be found the Minutes of the Meetings of the Organizing Council prior to the 17th Competition, and also of those held by Council and the Technical Committee while the Competition was taking place.

MINUTES OF THE ANNUAL GENERAL MEETING OF THE ORGANIZING COUNCIL HELD IN MADRID FROM 25TH TO 28TH OCTOBER 1.967.

In Attendance

Mr. Albert Müller
Mr. Faustino Ramos
Mr. Ernst Cech
Mr. Franz Woerner
Mr. Pierre Vlaemmirk
Mr. Jean Vastiau
Mr. Chang Jeung Lee
Mr. Diomedes Palencia
Mr. W.C.S. Laman Trip
Mr. N. J.H. Hamer
Mr. Michael O'Flanagan
Mr. Seamus Power
Mr. Giuliano Chedini
Mr. Yoshikazu Furuya
Mr. Shigenobu Miyamori
Mr. Gaston Glaesener
Mr. W.L.D. Adams
Mr. Carlos A. Dias Ferreira
Mr. F.D. Hall
Mr. T.M. Iley
Mr. A.R. Bullough
Mr. Ernst Schürch
Mr. Masaru Hayawaka
Mr. Katsumi Wada
Mr. Häusler-Angeli

Secretariat-General

Mr. Francisco Albert
Mr. Julio Capdepón

The International President Mr. Lopez, opens the Meeting and welcomes those present, saying he hopes the work to be done in these sessions will contribute to the greater success of the International Competitions.

He mentiones his own personal satisfaction and that of the Organizing Council on seeing Messrs. Iley and Glaesener, representatives for the United Kingdom and Luxemburg respectively, present once again.

He introduces Mr. Yoshikazu Furuya, Official Representative for Japan, appointed by his Country in place of Mr. Terauchi, whom Members recall with special warmth and who has left his post on the Organizing Council because of his appointment to a high managerial position in Japanese Industry. He then introduces Mr. Häusler-Angeli of the Austrian Chamber of Finance, representative for that Country, and Mr. Adams, who represents the Ministry of Labour and Emigration of Malta, and who attends the meeting as witness of Council's deliberations on the question of the admission of that Country to the Competitions, the Government of Malta having presented a petition to that end.

He then mentions that special circumstances have obliged Messrs, Malagodi and Shin Official Representative for Italy and Technical Representative for Korea respectively, to excuse themselves from attending the Meeting.

He next announces that Mr. Masaru Hayawaka, Managing Director of the Japanese National Committee and Executive Director of Apprentice Training in the Japanese Ministry of Labour, are present in Madrid and wish to explain to Council what steps have been taken so far in preparation for the 19th Competition, to be held in their Country.

He concludes by wishing all those present a pleasant stay in Madrid. Mr. Häusler-Angeli is then invited to speak. He explains that he is present so he can give the Austrian Government detailed information on the Meeting and on the organization of our Competitions, the end in view is the possible re-incorporation of his Country in the Competitions.

APPOINTMENT OF VICE-PRESIDENT

On behalf of Council, the President gives the warmest thanks to Mr. Cech, Official Representative for Germany, for his excellent work as Vice-President of Council during the 16th Competition. Then, in accordance with the rules, he proposes that Mr. Albert Müller immediately takes up his position as 1st Vice-President of the Organizing Council. His first act is to thank members for the confidence placed in him and to say his greatest wish is to assure the complete success of the Competition to be organized in his Country.

MINUTES OF THE PREVIOUS MEETING

The President asks the Council to confirm, if approved, the Minutes of the meeting held by the Organizing Council on 15th and 16th July, 1967. Mr. Albert, Secretary-General informs Council that in said Minutes there is an amendment to the markings given for the Plumbing test, which awards the bronze medal to the Belgian candidate, and not to the spanish candidate proposed by the Jury. The reason for this is that on checking the figures on the Jury's papers a mistake in calculation was found. When the necessary adjustment is made, the third place and the bronze medal go to the Belgian candidate, while the fourth place and a specially authorised bronze medal go to the spanish candidate.

As to the omission from the Minutes of the markings given in the trade of Foundry Moulding, the Secretary reminds Council that this is in accordance with the agreement reached by Council when it considered the desirability of this omission, given the special circumstances that arose during the marking of these tests.

Having heard the Secretary's explanations, Council approved the confirmation of the Minutes of the said Meeting.

PROPOSAL RE AGENDA

The President proposes that the Agenda be set out in the notice convoking any Meeting, including such items as today's report of the Japanese Mission on the 19th Competition, to be held in 1970 in that Country.

The matters to be discussed would be set out in the form seen in these Minutes.

The President's proposal is unanimously approved.

ENTRY OF NEW COUNTRIES INTO THE COMPETITION

The Secretary informs the Council that the Governments of Malta and the Principality of Liechtesntein have petitioned for admission as members of Council and for permission to take part in our Competitions.

Council, after studying these petitions, unanimously agrees to the admission of said countries as participants in the International Competitions, and requests news of this agreement be telegraphed to the countries concerned.

The Secretary General will request that the Official Missions of these countries urgently appoint their Official and Technical Representatives so that they may be properly represented on the Organizing Council.

Mr. Adams, who represents Malta and is attending these Meetings as observer, thanks Council for taking a favourable view of his country's petition, and expresses his wish to take part in Council's work. He announces that young workers from his Country will participate in the next Competition.

CONVOKING OF TRADES FOR THE 17TH COMPETITION

Mr. Mü[illegible], Official Representative for Switzerland, gives a detailed explanation of his proposals for convoking the trades for the 1968 Competition, to be held in Berne; they depend on thenexisting installations available in the centres where the Competition will take place. Of the trades convoked at the last Competition, the following will have to be excluded: Foundry Moulding, Sheet metal work, Industrial Wiring, Watchmaking, and Men's Hairdressing.

Mr. Iley, representative for the United Kingdom, then moves that the TV repairs trade ought to include Radio repairs, and proposes that the single trade be called Radio and TV repairs. Motion approved.

Most of those present then speak in turn, and Council finally arrives at the conclusion that the Panel Beating and Industrial Wiring trades ought to be convoked, and only Foundry Moulding, Watchmaking and Men's Hairdressing excluded.

Consequently, Council agrees that for the 17th Competition, to be held in Berne, the following trades would be convoked, with approximate participations as indicated: (See Appendix Nº 2)

The following recommendations are formulated concerning the various trades:

a) That the quality fo the drawings sent by the different Missions be improved, and complemented with the greatest number of technical details possible, so that candidates would not experience difficulty interpreting them nor have to spend more than a minimum of time on this part of their job.

b) That the marking schedules and the times allowed for jobs be fixed with the greatest possible accuracy.

c) That the Technical experts should be present when the said drawings are being translated, and that the technical representatives should check translations before they are handed to candidates.

d) That the trade of shoemaking refefs only to shoemaking by hand and that work to be done by candidates should include two tests one in the making of shoes and another in the repair of them.

e) That in Ladie's Hairdressing the models be supplied by the Organizing Country.

f) That in the trade of Engineering drawing the exercise proposals should include details for the drawing of sections and curves.

g) That the Swiss Mission should send the following to each Country: either samples or a statement of characteristics of bricks for bricklayers of stone for stone-cutters, of plaster for plaster-workers, and dimensions of lead piping for plumbers.

PRESIDENCY OF THE TECHNICAL COMMITTEE

Mr. Raspe, technical representative for Germany, proposes Council consider whether it is not necessary to make the Presidency of the Technical Committee a permanent appointment, rather than one filled by daily rotation during each Competition, as it has been up to now.

Council studies this important motion carefully, and agrees:

a) That, at the meetings preparatory to each Competition, a President of the Technical Committee should be appointed, to hold his post for a year.

b) That, in accordance with the provisions of the Regulations of the Competitions, the Presidency of the Technical Committee and the Secretariat-General put before Council a draft of the Regulations by which the said Committee is to be ruled.

3/ that Mr. Woerner, representative for Germany, should be appointed President of the Technical Committee for the 17th Competition.

CHOOSING OF TESTS FOR THE 17TH COMPETITION

Considering the results obtained at the previous Competition, and bearing in mind the Secretariat-General's report on the small number of proposals presented by the Mission of the Countries entrusted with this work, Council agrees:

1.- That the system of allotting the exercise proposals to be presented by each Mission should be the following:(See Appendix nº 4).

2.- That each of the countries mentioned will present a minimum of two proposals in each of the exercises assigned to it, without any maximum limit being imposed.

REPORT ON MEASURES ADOPTED RE ORGANIZATION OF 17TH COMPETITION

Mr. Müller, Official Representative for Switzerland and 1st Vice-President, explains that his Government gives its official suport to the holding of the 17th Competition, it will be held in Berne, from 3rd to 18th July 1968.

The Competition will be held in two apprentice schools, while their pupils are on holidays.

The dates mentioned will coincide with the holding of International Congress in the same city.

The arrival of the candidates and the official representatives is set down for Sunday, 7th July.

Plans are being made for a series of visits to several Swiss Cantons, representative of different cultures, and for a day seeing the Mountain life so characteristic of this Country. Mr. Müller promises that full information covering the Competition will be sent out in the shortest time possible, and he concludes by saying the Competition will be organized along the lines laid down by the Organizing Council in whatever concerns participation of candidates, appointment of experts, trades to be convoked for the Competition etc. He expresses his thanks for the fact his Country has been named host on this ocassion.

The President thanks Mr. Müller for his information, and on his own behalf and that on the Organizing Council asks the Swiss Mission to convey to its Government Council's pleasure at knowing the 17th Competition may be held in Switzerland.

MAXIMUM AGE OF CANDIDATES

Council is asked to consider article 17 of the Regulations which mentions the maximum age of candidates participating in the Competitions.

The United Kingdom Mission states that the translation of said article from spanish to english makes it clear that contestants may not have had their 21st birthdays before the commencing date of each Competition, and that their team has been formed on this basis. The Japanese Mission says the same thing.

After discussion of the form and contents of the said article 17, the conclusion is reached that it does not embody the spirit nor intention which it was everyone's aim to give to this requisite concerning the age of contestants, seeing that the unanimous feeling of all the Councillors when the Regulations were approved in October, 1966, was that no contestant should be accepted who had turned or would turn 21 within the year when a Competition was held.

Because of this error of interpretation and the confussion exis - ting among the different Missions, it is agreed:

a) That candidates born during or after 1947 may be admitted to the ..(6) Competition.

b) That for subsequent Competitions no candidate is to be admitted who has his 21st birthday within the year when the Competition in question is held.

c) That the error committed in the spanish text be corrected in accordance with what is set out in the above part of this heading and that the translations to the different languages also altered, if necessary.

Furthermore, it is agreed that any member of the Secretariat-General or of Council, at any moment during the holding of the Competition, may require a candidate to shoe personal documents proving his date of birth, so that the provisions of article 17 of the Regulations may be applied affectively.

AWARDING OF MEDALS TO THE CONTESTANTS

The Secretariat-General had received proposals from the Swiss and United Kingdom Missions for a solution of the problem involved in the awarding of medals and prizes to the contestants obtaining the best marks in each trade. Copies of these propodals were sent to member countries. If Council agrees, the President considers it an opportune moment to discuss this important matter.

After the majority of the gentlemen present have spoken, Mr. Dias Ferreira, Official Representative for Portugal, is asked to draw up a statement of Council's policy on this point which will conform with the ideas expressed by each Mission. The statement, unanimously approved, is as follows:

"Generally, only three medals will be awarded in each of the trades convoked, one gold, one silver, and a third bronze, independent of the number of contestants actually taking part for each trade and without prejudice to the observing of what is laid down by article 36 of the Regulations. The Technical Representatives nominated Presidents of Juries will have full responsibility for, and full power of decision in, the proposals made to Council for the awarding of medals in accordance with the fore - going. Proposals for the award of "mention of honour", should the case apply, will also be the full responsibility of the Jury Presidents.

JURIES - NAMING OF TECHNICAL EXPERTS

All the Missions having been consulted as to the number of technical experts each can send to the 17th Competition, and following an assessment of the needs of Commissions, each of which should have at least three persons to mark the exercises, Council agrees:

a) That a minimum of two experts be appointed for each trade.

b) That the Commission entrusted with the selection of exercises, and the marking of tests should be made up as indicated: (See Appendix nº 4).

OFFICIAL OBSERVERS AND SECRETARIES OF NATIONAL COMMITTEES

In the light of past experience and situations which arose other Competitions, the Secretary reminds Council of the necessity of faithfully observing the Regulations in whatever concerns the presence at the Competitions of the two official observers each member country is entitled to name.

Mr. Hill, Official Representative for the United Kingdom, moves that the excellent but hard work done by the Secretaries of the several National Committees should be specially remembered; he suggests that they should be proposed to attend the Competitions, in well-merited recognition of their work.

Having listened to the Secretary's reminder and Mr. Hill's motion, Council agrees:

a) That all participants in the Competitions be informed what function and purpose the Official Observers have, and what rights they are invested with by the Regulations. Also to be explained how the insignia they wear distinguishes them clearly from any non-official observers.

b) That Mr. Hill's proposal concerning the Secretaries of the National Committees should be borne in mind, and that at the appropriate time Council should agree on the best way of giving the proper recognition to their very necessary and meritorious work.

REPORT FROM THE JAPANESE MISSION ON THE HOLDING OF THE 19TH INTERNATIONAL COMPETITION IN TOKYO.-

The President next invites the special Japanese Delegation to speak. It has been sent to this meeting by Japan in order to report on the Competition it is hoped to hold in that Country.

Mr. Hayawaka begins by saying that he is Director-in Chief of the National Japanese Committee and Executive Director of the Japanese Companie's Federation. He is grateful for the opportunity given him of addressing Council and reporting to it on the 19th Competition. In the name of the Japanese Delegation and of Mr. Terauchi, he wishes to thank Council for marking the former Official Representative for Japan as honorary member.

He supposes that all the Official Representatives will have received a letter in which were set out certain details of the Competition in Japan. He considers that after having taken part in six Competitions held in Europe, Japan is pleased to be able to return the hospitality and kindness it enjoyed in the host countries.

He states that transport costs per person will amount to approximately 1,300 dollars, but as Japan is prepared to meet 75% of this amount, the final cost per person of the return trip to Japan would be 300 dollars. The Competition will be held at the same time as the International Exhibition at Osaka, which prove an added attraction for those attending this Competition.

He thinks that if Marco Polo, Columbus, Vasco de Gama and other famous navigators voyaged to those lands in past centuries in search of new routes between East and West, then the modern man who travels by the Polar Route may well discover new horizons. He concludes expressing his hope that as many people as possible will take part in the Competitios.

Subsequently, Mr. Wada speaks. He explains that he is Director of Apprentice Training in the Japanese Ministry of Labour, on whose behalf he thanks Council for the attention given to his Country by all members during the six years Japan has taken part in the Competitions.

The Japanese Government realizes what importance the Competitions have and what opportunities they offer the young workers and technicians who take part in them. Japan is pleased that the time has finally arrived for it to act as host and return the warm hospitality it received in other countries.

At present in Japan there is a scarcity of skilled tradesmen and every means is being sought of improving the skills of young workers. Keeping an eye to future needs, no other attitude would be sensible. For this reason, the 19th Competition will be especially valuable to the Japanese themselves as well as making for closer relations between all member countries.

Mr. Wada reminds Council that the Japanese Prime Minister and Minister of Labour have already personally manifested to Messrs. Lopez and Ramos their interest in the Competition's being held in Japan. And, almost as a confirmation of that interest, Japanese business men began selecting future candidates and organizing the 19th Competition for 1970.

Furthermore, Japanese Industrial circles promised their maximum support. On its part, the Government decided to begin constructing a complex of buildings to be used for the Competition -- one of which is already finished.

Mr. Wada assures Council that everyone who attends will be made most welcome by Japanese business men and young workers, and for that reason he requests that as many as possible go to Japan.

He concludes by thanking Council for this opportunity to adress it.

The President next thanks both gentlemen for their kind words, and then suggests members ask them for whatever information they wish to have.

Mr. Ramos asks for clarification of the following details:

1) In Mr. Keiji Nakajima's letter to the Official Representatives, it is stated that only three experts per country will be given the benefit of the conditions of attendance set out. Can a greater number of experts attend than that mentioned in the letter?.

2) Does the price of 300 dollars per person include the cost of transporting a candidates tools?

Mr. Hayawaka answers that his Country will accept as many experts as Council decides at its meeting in October 1969. As to transport of tools, each passenger is entitled to 20 ks., but in cases where luggage weighs more he would advise it be sent by sea, as it would be much cheaper. In any case, Mr. Ramo's question would be studied and a reply given at the earliest opportunity.

Mr. Bullough, Secretary of the British Committee, puts two questions:

1) What dates have been chosen for the 19th Competition?

2) Under what conditions will experts and technical representatives travel to Japan, seeing they must arrive before the rest of the participants?

Mr. Furuya replies as follows:

The middle of July 1970 has been chosen for holding the Competition. As to transport of technicians, the Japanese will pay the entire cost of the out-flight. The cost of the return flight will be the responsibility of the people concerned - although they would be able to return on a charter flight with the other participants, which would make the cost of the flight much cheaper.

Mr. O'Flanagan suggests the possibility of arranging a charter for the out-flight to Japan for the transport of the technical representatives, experts, and tools. Mr. Furuya answers that that would be impossible because of the small number of persons travelling; however, the return could certainly be made on a charter flight.

Mr. Laman Trip asks whether the Japanese Government could instruct its Embassies in member countries to approach the Ministries of Education and Labour in those countries in order to urge attendance at the 19th Competition and to explain on what financial conditions attendance could be arranged. In addition, he asks if Council could be told from what points in Europe the participant charter flights would be leaving.

Mr. Furuya replies that there are four possibilities: Copenhagen-Amsterdam, Hamburg-Paris, Hamburg-London, and London-Paris.

Mr. Dias Ferreira requests the Japanese Mission to consider the possibility of another departure point - namely, Madrid-Lisbon; this would mean considerable savings in transport costs for countries in Southern Europe in getting their candidates to the other departure points mentioned.

Mr. Hayawaka promises this possibility will be studied, although he warns it will be not easy to arrange.

The Japanese Mission asks the other Missions to confirm, if possible, that their countries will definitely be taking part in the Competition, and to advise what number of participants each will be sending to the 19th Competition.

Messrs. Ramos and Cech assure the Japanese Mission of their intention to send candidates in all the trades convoked, although Spain and Germany, like other member countries, must await the approval of their budgets by their respective Governments so as to know what subsidy has been granted them; this will then enable them to decide what number of candidates they can send.

All countries are delighted at the pospect of taking part in the Tokyo Competition, but regret being unable to say at the moment what number of participants they will be sending.

The President suggests that the following resolution be adopted and recorded in the Minutes: "It is agreed to hold the 19th Inter-

national Apprentice Competition in Tokyo in 1970. The actual participation of member countries and the number of participants will be decided on at the Annual General Meeting of the Organizing Council to be held in October.

The President's suggestion is adopted unanimously.

REQUESTS AND QUESTIONS.-

a) Safe-keeping and custody of the tests. On the motion of Mr. Power, Technical Representative for Ireland, it is approved:

1. That the Technical Representatives and experts be directly responsible for the safe-keeping and custody of the tests, and of any information relating to them, between the end of any week period and the beginning of the next.

2. That the Secretariat-General should see to the provision of stamps and seals, or other such things, which will help assure safe-keeping and custody.

b) Handing over of the plans of exercises selected: After discussion of the best way to distribute the drawings of the tests or exercises selected for each Competition, it is approved:

1. That the Secretariat-General should hand over copies of the drawings of the exercises selected to the Technical Representatives in sufficient number for the experts and candidates. Only when it is absolutely necessary should copies be handed to the workshop foremen to enable them to prepare the materials needed.

2. That at the same when the Competition and the candidate's work begin, but never before, a plan of the trade exercise being executed should be displayed in an easily accessible place in each workshop for the information of the visiting public.

c) Maximum time for carrying out the exercises.- The Secretary reads a motion proposed by the United Kingdom Mission in which that Mission suggests it would be advisable to give the workshop foremen some instructions on their rôle in the Competition to forbid them to reveal any details of work to be done to the candidates, and to establish that they should have no part in the marking.

d) Duties of Workshop Foremen.- The Secretary read out a motion from the United Kingdom Mission about the convenience of informing the workshop-foremen on their duties during the Competition, on the disallowance of informing the competitors about their works and their no intervention in the Qualifications. Mr. Iloy's proposal is accepted and the Secretariat gives the necessary orders for composing instructions for the workshop foremen, referring to the principles mentioned before. These instructions will be given to the workshop foremen, experts and technicians for their general knowledge.

e) Candidate's Registration cards. Mr. Vastiau proposes, and it is approved, that the Secretariat-General should arrange for the candidate's registration cards to have a section where a candi-

date's native language can be noted, so that all printed matter and other information about his work can be supplied to him in that language.

f) Definition of trades.- Mr. Hamer, Technical Representative for Holland, speaks of the necessity of settling a final and definitive translation of the definitions of the different trades, seeing that a large number of countries are now interested in our Competitions and have to be sent printed matter.

Council agrees that a Commission should meet in Brussels next January to formulate the said definitions. The Commission is to be formed by representatives from Belgium, Spain, United Kingdom, Luxemburg, Germany, Switzerland and Holland.

g) Competition Publications.- Mr. Laman Trip, Official Representative for Holland, suggests that in all publications to do with the Competitions, rulings, memoranda etc. great care should taken with translation, photos, lay out, drawings etc.

Mr. Ramos replies that matter published so far has not been in any final or unalterable form; the different Missions have been, and will continue to be asked for suggestions and help.

Agreed that the Secretariat should bear these things in mind so that, in the future, the correct translation and good quality of the publications will be assured.

h) New Trade.- Mr. Vastiau informs Council that the Belgina National Committee would like to see the trade of Marble-work included in the list of trades convoked at some suitable time in the future.

Council agrees to take Mr. Vastiau's proposal into consideration, and recommends that the necessary steps be taken in accordance with what is laid down in article 6 of the Rules.

REPORT ON THE GOODWILL VISIT MADE TO THE SCANDINAVIAN COUNTRIES.- Last year, the Organizing Council agreed that a Commission named by itself should make a visit to these countries in an effort to interest them in the Competitions. This Commission, though originally planned to be larger, was finally made up of Major-General Lloyd, Director of the City and Guilds of London Institute, and Messrs, Laman Trip and H.J.H. Hamer, President and Secretary-General of the Dutch Committee.

In Major General Loyd's absence, Mr. Laman Trip informs Council that the results of the trip were as follows:

Last September, in Copenhagen, Oslo and Stockholm, they were able to meet representatives of the Ministries of Education, the Trade Unions and the Technical Schools in Denmark, Sweden and Norway. At all meetings an undoubted interest in the Competitions was observed. Ample information was asked for on our activities in general, and on the 17th Competition in particular, as these countries expressed a wish to send Official Observers to Berne in 1968 in order to obtain a firsthand view of the organization, planning and results of the Competition.

Each of the three Scandinavian countries agreed that Finland should be included in these plans - a fact which can be taken as an example of the identity of interest and points of view among the Nordic Countries, and which makes it reasonable to suppose that the decisions of these countries in relation to our Competitions will be taken on a joint basis.

After the Commission's visit, the International President sent a letter to the relevant personalities and organizations in these countries, in an attempt to make good any advantages arising form it.

The letter mentioned was sent to the following addresses:

Undervisningsministeriet
Direktoratet for Erhvervsuddannelsern
Teknisk-Paedagogisk Afdeling Nyropsgade
KØBENHAVN V

Kirke og Undervisningsdepartamentet
Bygöy Alle
OSLO

Ammattikasvatushallitus
(National Training Board)
E. Esplaanikatn 10
HELSINKI

Händvaerksrädet
H.C. Andersens Boulevard 20
COPENHAGEN V

Norske Händverks - og
Industribetriftersforbund
Rosenkrantzgatan 7
OSLO

Landsorganisationen
de Samvirkende Fagborbund
Rosennörsallaeé 14
1970 COPENHAGE V

Dansk Arbejdsgiverforening
Vester Voldgage 113
1552 COPENHAGEN V

Mekaniske Verkstefers Landsforeni
Kr. Augusttgt 23
OSLO

Handicraft and Small Industries Organisation
Nytorsgatan 17.- STOCKHOLM.

Mr. Laman Trip also draws attention to the initial success of talks held in Austria, the result of which is that Dr. Häusler-Angeli, representative for the Austrian Chamber of Finance, is attending this Meeting - a fact which allows one to suppose that that country is well disposed to the idea of taking part in our Competitions again.

The President asks that Council's gratitude to Messrs Lloyd, Laman Trip and Hamer for this service rendered to the Competitions be recorded in the Minutes, and he requests that, at the appropriate time, the Swiss Mission extend invitations to Denmark and Finland to send observers to the 17th Competition.

Mr. Hill presents Major-General Lloyd's excuse for his absence, and on his behalf thanks Council for having named him one of its representatives on the visit to the Scandinavian countries.

MARKING SYSTEM

The Secretary reads a proposal submitted by the United Kingdom Mission dealing with factors to be taken into account when tests are being marked - such things as basic measurements, secondary measurements, important concepts, time factor etc.

Council agrees that when the Secretariat is preparing its draft of the Technical Committee rules it should bear in mind the United Kingdom proposals, which are thought to be most interesting and manageable marking system.

The latter mentioned was sent to the following addresses:

Undervisningsministeriet
Direktoratet fer Erhver vsuddannelsern
Teknisk-Paedagogisk Afdeling Nyropsgade
KØBENHAVN V

Kirke og Undervisningsdepartamentet
Bygöy Alle
OSLO

Ammattikasvatushallitus
(National Training Board)
E. Esplaanikatn 10
HELSINKI

Händvaerksrädet
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Rosenkrantzgatan 7
OSLO

Landsorganisationen
de Samvirkende Fagforbund
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Nytorsgatan 17 .- STOCKHOLM.

MARKING SYSTEM

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Council agrees that when the Secretariat is preparing its draft of the Technical Committee Rules it should bear in mind the United Kingdom proposals, which are thought to be the most interesting and useful, and very valuable in fixing upon a just and manageable marking system.

The Vice-President, Mr. Ramos, explains that the President, Mr. Lopez, is unable to attend today's meeting because of his Parliamentary duties. On behalf of Mr. Lopez, who personally asked him to do so yesterday, he thanks all those present for their help and assistance, and wishes them a happy return journey to their own Countries.

Finally, Mr. Müller, acting as President of Council in Mr. Lopez's temporary absence, thanks Councillors for their help in seeing that the Swiss Committee has been furnished with some useful directives on which to base its organization of the next Competition, to be held in Switzerland.

On Council's behalf, Mr. Hill thanks the Swiss Mission for the information it has made available on the 17th Competition, and for the fact the Swiss authorities are so very well disposed to our activity and anxious it should have the desired results.

At this point, as there is no further business, the Vice-President, Mr. Müller, closes the meeting and orders that the proceedings of the session be recorded in these Minutes, which I, the Secretary, certify as correct.

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APPROXIMATE NUMBER OF CANDIDATES PER COUNTRY AND EXPERTS NAMED IN THE TRADES INDICATED.-

Appendix nº 1

Countries	Candidates	Nº of Experts	Trades
Germany	27	6	Fitting, Constructional steel work, Panel Beating, Industrial wiring, bricklaying, and Carpentry.
Belgium	21	4	Instrument making, Stone Cutting, Painting and Tailoring.
Korea	19	5	Engineering drawing, Turning, Gas Welding, Carpentry and Shoe making.
Spain	27	6	Panel Beating, Sheet metal work, Electric welding, Radio and TV repairing, Painting, and Cabinet making.
Holland	25	5	Press tool making, Constructional steel work, Tailoring, Shoe making, and Women hair dressing.
Ireland	20	5	Milling, Sheet metal work, House wiring, Plaster work and Plumbing.
Italy	12	3	Fitting, Engineering drawing, and R. and TV. repairing.
Japan	19	4	Turning, Wood patternmaking, Electric welding, and Industrial wiring.
Luxemburg	15	2	Plumbing, and Women hair dressing
Portugal	21	5	Milling, Wood patternmaking, Industrial Electronics, House wiring, and joinery.
United King	28	6	Instrument making, Gas welding, Stone cutting, Plaster work, Joinery and Jewellery.
Switzerland	25	5	Press tool making, Industrial Electronics, Bricklaying, Cabinet making and Jewellery
Malta	10	-	
TOTAL	269	56	Trades..... 28 Proposals per country in each trade, minimum..... 3 Minimum of total exercise proposals.. 84

TABLE OC COUNTRIES PARTICIPATING AND TRADES CONVOKED AT THE 17TH INTERNATIONAL COMPETITION.-

Appendix nº 2

TRADES	Germany	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Luxemburg	Portugal	United Kingdom	Switzerland	Malta	Liechtenstein	Austria	TOTAL
Fitting	x	x	x	x	x	x	x	x	x	x	x	x	x			13
Press toolmaking	x			x	x	x	?	x	x	x	x	x	-			9 + 1
Instrument making	x			x	x						x	x				5
Engineering drawing	x		x	x		x	x	x	?	x	x	x	x			10 + 1
Turning	x	x	x	x	x	x	x	x	x	x	x	x	x			13
Milling	x		x	x	x	x	x	x		x	x	x	x			11
Wood patternmaking	x	x	x	x	x		x	x		x	x	x				10
Constructional steel w.	x	x		x	x	x		x		x	x	x				9
Sheet metal work	x	?	x	x	x	x		x		x	x		x			9 + 1
Panel beating		x	x	x	x	x			x		x	x				8
Gas welding	x		x	x	x	x	?	x	x	x	x	x	x			11 + 1
Electric welding	x		x	x	x	x	?	x		x	x	x				9 + 1
Industrial Electronics	x		x	x						x	x	x				6
TV and R Repairing	x	?	x	x		x	x	x		x	x	x				9 + 1
Industrial wiring	x	?	x	x	x	x		x	x	x	x	x	x			11 + 1
House Wiring	x	x	x	x	x	x	x	x	x	x	x	x				12
Stone cutting	x	x		x	x					x	x	x				7
bricklaying	x	x		x	x	x	x				x	x				8
plaster work	x	?		x	x	x		x			x	x				7 + 1
painting	x	x	x	x	x	x			x	x	x	x				10
plumbing	x	x		x	x	x		x	x		x	x				9
Cabinet making	x	x	x	x	x	x		x	x	x	x	x				11
joinery	x	x		x	x	x		x	x	x	x	x	x			11
Carpentry	x	x	x		x	x		x	?	x	x	x				9 + 1
Jewellery	x	?		x	x		x			x		?				8 + 2
Tailoring	x	x	x	x	x			x			x		?			7 + 1
Shoe making	x	?	x	x	x					x	x	-				5 + 1
Women hairdressing	x	x	x	x	x				x		x	x				8
Certain total	27	15	19	27	25	20	9	19	13	21	28	25	8			256
Possible total		6	-	-	-	-	3	-	2	-	-	-	2			13
TOTALS	27	27	19	27	25	20	12	19	15	21	28	25	10			269

SELECTION COMMISSIONS AND JURIES

Appendix nº 3

Commissions	Technical Representatives	Trades	Experts
1ª	Spain	Fitting Press toolmaking Instrument making	Italy and Germany Switzerland and Holland United Kingdom and Belgium
2ª	United Kingdom	Engineering drawing Wood patternmaking	Italy and Korea Portugal and Ireland
3ª	Italy	Turning Milling	Korea and Japan Portugal and Ireland
4ª	Germany and Portugal	Constructional steel Gas Welding Electric welding	Holland and Germany Korea and United Kingdom Spain and Japan
5ª	Switzerland	Industrial Electronic R.andTV Repairing	Portugal and Switzerland Spain and Italy
6ª	Korea	House Wiring Industrial Wiring	Portugal and Ireland Japan and Germany
7ª	Japan	Sheet metal work Panel Beating Plumbing	Ireland and Spain Spain and Germany Luxemburg and Ireland
8ª	Germany	Bricklaying Stone Cutting	Switzerland and Germany Belgium and United K.
9ª	Holland	Painting Plaster work	Spain and Belgium United Ki. and Ireland
10ª	Ireland	Cabinet Making Joinery	Spain and Switzerland United K. and Portugal
11ª	Liechtenstein	Carpentry	Korea and Germany
12ª	Luxemburg	Jewellery	United K. and Switzerland
13ª	Belgium	Shoe making Tailoring	Holland and Korea Belgium and Holland
14ª		Hairdressing	Holland and Luxemburg

COUNTRIES LIABLE TO PRESENT EXERCISE PROPOSALS IN EACH OF THE TRADES INDICATED

Appendix nº 4

Trades	
Fitting	Luxemburg, Portugal and Belgium
Press toolmaking	Germany, United Kingdom and Portugal
Instrument making	Germany, United Kingdom and Switzerland
Engineering drawing	Spain, Italy and Portugal
Wood patternmaking	Germany, Korea and Italy
Turning	Ireland, Italy and Japan
Milling	Italy, Japan and United Kingdom
Const. Steel work	Spain, Ireland and Belgium
Gas welding	Germany, Japan and United Kingdom
Electric welding	Japan, Portugal and United Kingdom
Industrial Electronic	Spain, United Kingdom and Switzerland
R. and TV Repairing	Portugal, Japan and Switzerland
House wiring	Germany, Spain and Luxemburg
Industrial wiring	Spain, Ireland and Luxemburg
Sheet metal work	Spain, Portugal and United Kingdom
Panel beating	Portugal, Ireland and Holland
Plumbing	Switzerland, United Kingdom and Holland
Bricklaying	Spain, Ireland and Switzerland
Stone Cutting	Korea, Spain and Holland.
Painting	Korea, Luxemburg and Belgium
Plaster work	Ireland, Japan and Holland.
Cabinet making	Portugal, United Kingdom and Switzerland
Joinery	Ireland, Japan and Belgium
Carpentry	Korea, Ireland and Japan
Jewellery	Germany, Spain and Italy
Shoe making	Belgium, Korea and Holland
Tailoring	Belgium, Korea and Japan
Women hairdressing	Holland, Luxemburg and Switzerland.

17th INTERNATIONAL VOCATIONAL COMPETITION 1968 IN BERNE

Minutes of the meeting held by the Technical Committee on the days from July 3 to July 7, both in the Blue Saloon of the Kursaal and in the buildings wherein the Competition is to take place.

In attendance

Mr. Müller
Mr. Schürch
Mr. Schubert
Mr. Vastiau
Mr. Kang
Mr. Palencia
Mr. Hamer
Mr. Power
Mr. Ghedini
Mr. Maruoka
Mr. Walser
Mr. Mischo
Mr. Raimondo
Mr. Pereira
Mr. Iley

Secretariat

Mr. Albert
Mr. Capdepón

The President of the Technical Committee, Mr. Woerner, on opening the session, addressed a hearty welcome to the technical representatives and experts attending the first meeting.
Following this, he gave out the agenda for the day and began the discussion of the first item:

1. Confirmation of the Presidencies of Committies and of the experts chosen for each of the trades.

All these suggestions were approved, except the one relating to Mr. Pereira Cardoso, who is to act as substitute for the technical representative of Portugal, Mr. Vilar Queiroz. It was pointed out that the function of Mr. Pereira as Chairman of the Committee will be the same as those assigned to the other Chairmen.

The confirmation of the experts assigned to each trade then followed, there having been detected some errors of names now amended.

In the trade "Panel beating", Mr. Bohnsack, german expert, will be substituted by Mr. Olfermann, since the former was still unable to be present at the competition. It was noted that Mr. Chiarri, spanish expert in radio and television repairing, will not be available, before July 10. In order to help in the selection of exercises, setting up of marking schemes etc. regarding this trade, the Swiss representation have suggested the appointment of Mr. Mosimann as a temporary substitute.

2.- Checking of number of entrants in each trade and of the list of the competitors names.

Some variations having been introduced, the number of entrants previously received were confirmed by the Assembly and the participation of candidates appearing in the name list was also approved.

In the trade "Instrument making", only 4 competitors were recorded as having entered, due to the fact that a candidate who had originally been registered in this profession, turned out to belong to "Press tool making".

3.- Cecking the ages of candidates and their possible attendance at former competition.

It is pointed out that the Chairman of each Committee may claim for checking purpose (age etc) the passport or any other legal document of identity, in order to justify his participation in the competition Candidates born in 1947 or later are admitted at this Competition.

Notice is given to all technical representatives, that no participant in previous competitions is entitled to take part in the 1968 Competition.

4.- Possible enforcement of the new Regulation during the present Competition.

The Comitee appointed by the Organizing Council in Brussels last year had made a preliminary draft of the technical regulations. It was now decided that same shall be applied as a trial this year, along with the relevant schedules and printed matters. Whether they may continue to be used in subsequent competitions remains entirely at the discretion of the Organizing Council, whose decision is expected at the next session in October 1968.

The following factors were cleared up: the "time factor" may be assessed at more than 5 marks, but in no case shall it exceed the mark fixed for "quality factor". Mr. Woerner observed that the maximum marks to be given to the "time factor" should be a marking not exceeding 10: out of the total of 100 marks. It would be convenient to leave this marking, therefore, to the consideration of the Juries.

5.- Minimum number of members in the Juries.

It was pointed out, that at least 2 experts and the Chairman should compose the Jury for the assessment of the tests. Furthermore, experts belonging to other trades, but in the same Committee, may collaborate in the task.

6.- Desirability of sealing the rooms and workshops after the day's work.

Following the request presented by the British representation, the Organizing Council, at its last session in October 1967, decided that the General Secretariat should examine a system of sealing, in order to prevent the access of people after the rooms have been cleared. While such sea - ling devices will be available at the General Secretariat, any Committee likely to make use thereof may ask for them. The Council did not agree that this should be made obligatory.

7.- Control of translations and amendments of drawings.-

The only people authorized for the receiving texts for translations and drawings for reproduction are Mr. Villain and Mr. Martinez. This will avoid the duplication of work which would make their job more difficult.

8.- Handing over of the test proposals to be selected by the corresponding Juries.

Instructions were circulated in order to ensure that the various Commi - ttees would meet in the correct places so to seldct the tests to be cho - sen for the Competition.

It is recommended that in case of close similarity of standard the drawing of the country requested by the Council to produce one in the trade in question will be chosen. It remains understood, however, that a country not actually requested by the latter may present a drawing of high standard, which naturally deserves the proper consideration and should not be overlooked. The Chairman then asked that those drawings not sent in by the fixed dates should be handed over. The proposals from Holland, Belgium and Luxemburg were then given in.

9.- Any other business.

Mr. Schürch, technical representative for Switzerland, reminded those present, that the selection of the exercises and translations of the marking schedules, instructions etc. were to be completed by Friday evening, July 5.

He expressed, thanks to the Chairman and the General Secretariat for their help in matters concerning the organisation of the Competition.

Mr. Müller, in turn, drew attention to the fact, compared with previous years, the present competition is dealing with the largest number of competitors ever. He, therefore, emphasize the necessity for speed and efficiency in the preliminary work, so as to ensure full success in the Competition.

In view of the numerous influx of people attending the competition, it stands to reason that only those persons provided with a personal invitation shall be allowed to take part in special functions and excursions. He ended up by wishing everybody a pleasant stay in Berne.

Trade	Number of countries which gave proposals in proposals.-		Chosen proposal.-
1. Fitting	5	Spain, Luxemburg, Portugal and Switzerland	Switzerland
2. Presstool making	7	Germany, Spain, Portugal, United Kingdom and Switzerland	Switzerland
3. Instrument making	4	Belgium, United Kingdom and Switzerland	Switzerland
4. Engineering drawing	12	Spain, Italy, Portugal and Switzerland	Italy
5. Woodpattern making	7	Germany, Korea, Spain and Italy	Germany
6. Turning	8	Korea, Spain, Ireland, Italy, Japan and Switzerland	Switzerland
7. Milling	6	Germany, Spain, Italy, Japan and Switzerland	Italy
8. Constructional steel work	8	Germany, Spain, Ireland and Switzerland	Switzerland
9. Gas welding	13	Germany, Spain, Japan, United Kingdom and Switzerland	Switzerland and Japan
10. Electric welding	12	Spain, Portugal, United Kingdom and Switzerland	Portugal
11. Industrial electronics	3	United Kingdom and Switzerland	Switzerland
12. Radio & TV repairing	10	Japan, Portugal, and Switzerland	Switzerland
13. House wiring	3	Germany and Spain	Germany
14. Industrial wiring	3	Spain and Ireland	Ireland
15. Panel beating	6	Spain, Holland, Ireland and Portugal	Common working out

Trade	Number of countries which gave proposals in proposals.-	Chosen proposals
16. Sheet metal work	7 Germany, Spain, Portugal and United Kingdom	Spain
17. Plumbing	19 Spain, Holland, Luxemburg, United Kingdom and Switzerland	Switzerland U.Kingdom
18. Bricklaying	6 Germany, Spain, Ireland and Switzerland	Switzerland
19. Stone cutting	7 Belgium, Korea, Spain and Holland	Belgium
20. Painting	5 Belgium, Korea, Spain and Switzerland	Switzerland
21. Plasterwork	6 Holland, Ireland, Japan and Switzerland	Ireland
22. Cabinet making	6 Spain, Portugal, United Kingdom and Switzerland	Switzerland
23. Joinery	5 Spain, Ireland and Japan	Ireland
24. Carpentry	6 Korea, Ireland and Japan	Ireland
25. Jewellery	3 Germany, Spain and United Kingsom	U.Kingdom
26. Shoe making	5 Korea, Holland and Switzerland	Switzerland
27. Tailoring	4 Korea and Japan	Common working out.
28. Ladies hairdressing	3 Germany, Holland and Switzerland	Common working out

The porposals of exercises put forward amount a total of 189.

After many laborious meetings the Juries also agreed to establish the marking schedules and to limit the maximum time allowed for carrying out each test, as follows:

FITTING

Maximal time = 26 hours.

Rating

Principal measurements	35 points
Secondary measurements	15 "
Geometrical conception	10 "
Finish	10 "
Fit and functioning	20 "
Use of material	5 "
Time	5 "
Total	100 points

PRESSTOOL MAKING

Maximal time = 26 hours

Marking schedule =

Principal measurements of the workpiece	20 points
Principal measurements of the tool	30 "

Secondary measurements of the tool	10 points
Finish	10 "
Functioning	20 "
Use of Material	5 "
Time	5 "
	100 points

INSTRUMENT MAKING

Maximal time = 22 hours

Marking schedule =

Principal measurements	30 points
Secondary measurements	20 "
Finish	10 "
Parallelism	5 "
Fit and functioning	25 "
Use of material	5 "
Time	5 "
	100 points

ENGINEERING DRAWING

Maximal time = 24 hours

Marking schedule =

Freehand sketch	25 points
development	15 "
Detailing	55 "
Time	5 "
	100 points

WOOD PATTERNMAKING

Maximal time = 28 hours

Marking schedule =

Principal measurements	30 points
Technical quality including finish	25 "
Design of model	20 "
Secondary measurements	15 "
Use of material	5 "
Time	5 "
	100 points

TURNING

Maximal time = 22 hours

Marking schedule =

Fundamental dimensions	52 points
Secondary dimensions	13 "
Finish of surface	12 "
Fitting and functioning	18 "
Change material per piece - 3	
Time	5 "
	100 points

MILLING

Maximal time = 26 hours

Marking schedule =

Principal measurements	42 points
Secondary measurements	20 "
Functioning	12 "
Finishing	10 "
Parallelity	6 "
Use of material	5 "
Time	5 "
	100 points

CONSTRUCTIONAL STEEL WORK

Maximal time = 24 hours

Marking schedule =

Principal measurements	25 points
Secondary measurements	15 "
Welding and cutting	15 "
Dexterity	10 "
Cleanness of the weld	5 "
Impression of the whole	20 "
Use of material	5 "
Time	5
	100 points

GAS WELDING

Maximal time = 20 hours

Marking schedule =

Penetration	30 points
Freedom from under cutting	25 "
Aspect:general aspect,cleanliness	5 "
weld stops and restarts	5 "
aspect of ends and beginnings of welds	5 "
freedom from porosities	10 "
Use of material	5 "
Comprehension of the drawing	10 "
Distortion	5 "
	100 points

ELECTRIC WELDING

Maximal time = 22 hours

Marking schedule =

Penetration	30 points
Freedom from under cutting	25 "
Aspect:general aspect,cleanliness	5 "
weld stops and restarts	5 "
aspect of ends and beginnings of welds	5 "
freedom from porosities	10 "

Use of material	15 points
Comprehension of the drawing	10 "
Distortion	5 "
	100 points

INDUSTRIAL ELECTRONICS

Maximal time = 28 hours

Marking schedule =

Technical correctness, function	12 points
Soldering	10 "
Wiring	10 "
Mounting	8 "
Soldering of printed circuit	8 "
Arithmetics	10 "
Drawing of printed circuits	7 "
Drawing of electrical circuit	7 "
Eliminating of troubles	10 "
Measuring	8 "
Use of material	5 "
Time (1 point per hour)	5 "
	100 points

RADIO AND TV REPAIRING

Maximal time = 26 hours

Marking schedule =

Radio repair	16 points
TV repair	16 "
Measuring	15 "
Radio-adjustment	5 "
TV-adjustment	5 "
Drawing of diagram	10 "
Assembly and wiring	15 "
Arithmetic	10 "
Use of material	4 "
Time	4 "
	100 points

HOUSE WIRING

Maximal time = 22 hours

Marking schedule =

Fitting and fixing	20 points
Functioning	50 "
Insulation and protection	10 "
Connections	10 "
Economical use of material	5 "
Measurements	5 "
	100 points

INDUSTRIAL WIRING

Maximal time = 20 hours

Marking schedule =

Fitting and fixing	20 points
Functioning	40 "
Insulation and protection	15 "
Connections	15 "
Economical use of material	5 "
Measurements	5 "
	100 points

PANEL BEATING

Maximal time = 26 hours

Macking schedule =

Principal measurements	20 points
Embossing and working the sheet	25 "
Harmonizing the forms	10 "
Welding and solding	10 "
Assembling	5 "
Works on edges	5 "
Quality	15 "
Use of material	5 "
Time	5 "
	100 points

SHEET METAL WORK

Maximal time = 28 hours

Marking schedule =

Development	25 points
Measurements	20 "
Welding	15 "
Grooving and seams	5 "
Fitting and crotch	10 "
Appear and symetry	15 "
Use of material	5 "
Time	5 "
	100 points

PLUMBING

Maximal time = 22 hours

Markign schedule =

Lead pipe work(soldering,pipe bending measurements,appereance,preparation, good use of material)	30 points
Copper tube work(pipe bending,join - ting,apperoance,good use of material, measurements)	30 "
PVC tube(pipe bending,jointing,measu rements,good use of material)	15 "
Zinc work(measurements,soldering,ge- neral finish,good use of material)	20 "
Time	5 "
	100 points

BRICKLAYING

Maximal time = 24 hours

Marking schedule =

Dimensions	20 points
Horizontal and vertical	15 "
Joints and equal size	15 "
Aligment and squareness	15 "
Shaping of bricks in special forms manual skill	10 "
Correct interpretation of drawing	10 "
Neetness of work and badk bonding	10 "
Time	5 "
	100 points

STONE CUTTING

Maximal time = 28 hours

Marking schedule =

Principal measurements	15 points

Secondary measurements	10 points
Agreement of profile with drawing	15 "
Agreement of profile with workpiece	20 "
Edges	5 "
General impression and neatness	15 "
Cleanliness of surface	10 "
Time	10 "
	100 points

PAINTING

Maximal time = 22 hours

Marking schedule =

Reproduction of the motive	15 Points
Letters	25 "
Exactness of the curves	10 "
Exactness of colours	15 "
Tracing	15 "
Fundamental measures	10 "
Cleanliness and finish	4 "
Time	6 "
	100 points

PLASTERWORK

Maximal time = 24 hours

Marking schedule =

Accuracy of measurements	10 points
Undercoats	7 "
Setting coats	10 "
Accuracy of angles	8 "
Motif and panel	14 "
Design on back wall and letters	18 "
Cornice	12 "
Mitres	8 "
General appereance	8 "
Time	5 "
	100 points

CABINET MAKING

Maximal time = 24 hours

Marking schedule =

Interior joints	15 points
external joints	15 "
Principal measurements	20 "
Secondary measurements	10 "
Smoothness of surface	10 "
Functioning of drawer and lid	10 "
Finish	10 "
Use of material	5 "
Time	5 "
	100 points

JOINERY

Maximal time = 24 hours

Marking schedule =

Fundamental measurements	15 points
Secondary measurements	15 "
Drawing	10 "
Interior joints 18 x 1	18 "
Exterior joints 18 x 1	18 "

Surface and edges	7 points
General appearance	7 "
Use of material	5 "
Time	5 "
	100 points

CARPENTRY

Maximal time = 22 hours

Marking schedule =

Principal measurements	15 points
Secondary measurements	10 "
Design and croquis (bevelling)	15 "
Interior joints	15 "
Exterior joints	20 "
General appreciation	10 "
Use according to material available	5 "
Time	5 "
	100 points

JEWELLERY

Maximal time = 26 hours

Marking schedule =

Measurements	10 points
Interpretation from drawing	10 "
Solding (soldering)	15 "
Modelling work	20 "
Saw work for wholes	20 "
Cleanness before polishing	15 "
Use of material	5 "
Time	5 "
	100 points

SHOE MAKING

Maximal time = 23 hours

Marking schedule =

Setting out work	5 points
Fastening up of upper leather	15 "
Sewing of upper leather to sole	10 "
Fitting of sole(+ shape cutting?)	10 "
Stitching	10 "
Shaping of heel and mounting thereof	15 "
Finishing	10 "
Repairs:	
Repairing of one pair men's shoes	
glueing on of soles and rubber heels	5 "
Finish	5 "
Repairing of one pair ladie's shoes:	
glueing on of soles and heels	5 "
Finish	5 "
Time	5 "
	100 points

TAILORING

Maximal time = 24 hours

Marking schedule =

Breast pocket	10 points
Side pockets	15 "
Edges	10 "
Putting on the sleeves	15 "
Inside and outside of collar	15 "
Lining	5 "

General finish	20 points
Use of material	15 "
Time	5 "
	100 points

LADIES HAIRDRESSING

Maximal time = 18,30 hours

Marking schedule =

In order to assess the tests to be undertaken in this trade, the Jury will take the following into consideration:

Washing
Preparation of ornaments
Cutting
Arranging
Dyeing
False hair
Transformation of day style into cocktail style

The Chairman of the Technical Committee directs that all proposals agreed upon at the meeting of the various Juries and approved by the Technical Committee should be stated in the minutes, as has been done, and I, the Secretary, certify these as correct.

XVII INTERNATIONAL APPRENTICE COMPETITION

Minutes of the Meeting held by the Organizing Council on the 8th of July 1968.

In Attendance

Mr. Müller
Mr. Schürch
Mr. Coch
Mr. Woerner
Mr. Schubert
Mr. Vlaemmink
Mr. Vastiau
Mr. Ramos
Mr. Palencia
Mr. Laman Trip
Mr. O'Flanagan
Mr. Power
Mr. Malagodi
Mr. Ghodini
Mr. Maruoka
Mr. Furuya
Mr. Segor
Mr. Walser
Mr. Raimondo
Mr. Chircop
Mr. Dias Ferreira
Mr. Hill
Mr. Iley
Mr. Lee
Mr. Kang
Mr. Mischo

Secretariat

Mr. Albert
Mr. Capdepón

The President, Mr. López, opened the session and addressed a welcome to all present and especially to the Official and Technical representatives of Malta and Liechtenstein, who are attending a board meeting of the Organizing Council for the first time.

He requested that thanks of the Council to the Government of the Swiss Confederation, to the Authorities of Berne and to the Swiss Honorary and Organizing Committees should be included in the minutes, for having made the holding of the XVII International Apprentice Competition possible. The Organizing Council approved the President's proposal unanimously.

Mr. López regretted that he would have to leave immediately on account of his new appointment and asked to be excused. He indicated that Viceprosident Mr. Müller would take his place as President, and ended by assuring everyone that his absence would be only in person, since he would be with the Council in all its activities in spirit.

Mr. Müller announced to the Council the recent appointment of Mr. Lopez as Director-General of Primary Education, proof of the recognition by the Spanish Government of his capabilities and so appointing him to a post with greater responsibility.

Mr. Lopez thanked Mr. Müller for his kind words and asked the Council to approve the Agenda of the day. The Council approved it and the discussion of the first item began:

1. Confirmation, if approved, of the minutes of the meeting held by the Organizing Council in October 1967.

The contents of the above mentioned minutes was unanimously confirmed.

2. Confirmation, if approved, of the decisions taken by the Technical Committee about the selection of exercises, marking schedules, etc. and the development of the Competition from the technical point of view.

Mr. Albert explained in detail the work done by the Technical Committee from the 3rd of July to the 7th, which is indicated in the previous minutes.

Mr. Lopez passed the word to the President of the Technical Committee, Mr. Woerner, so that he could inform the Council about the technical aspects of the competition. The latter gave a very detailed account to the Council of the selection process used to choose one of the exercises put forwarded in each of the 28 trades included.

He presented the drawings of the exercises of every trade, except that of Painting, because this work consisted of some test of a special kind which did not allow them to be reproduced.

Mr. Kang, technical representative of Korea, asked that the details of the Painting exercise should be explained to the Council. Messrs Woerner and Albert explained the characteristics of said exercise, which satisfied Mr. Kang and the Council.

Mr. Müller thanked Mr. Woerner for his magnificent work done and asked the Council for his opinion about the process of selecting the exercises, described by Mr. Woerner, and also about other aspects of the preliminary work.

Mr. Dias Ferreira, official representative of Portugal, regretted that some countries did not fulfil the Council's decisions faithfully, as is demostrated by the fact that the said countries did not present the exercise proposals assigned to them by the Council. This led to the situation that the proposals presented in some trades were very few and that therefore exercises had to be chosen which had been put forward by other countries of their own accord and not those specially assigned to them. Proof of this can be seen at the present competition where a great dispro portion between the Swiss exercises chosen and those selected from other countries exists. This situation is the consequence of missing proposals which had to be substituted by other Swiss ones which had been prepared in reserve. The Japanese representation supported the anxiety expressed by Mr. Dias Ferreira.

Mr. Müller and Mr. Schürch justified this point with 4 reasons:

1. Some countries having presented their proposals after the date fixed it was therefore impossible to get hold of the necessary materials, tools, etc. for some exercises.

2. Some exercises proposals were unsuitable for the existing machinery.

3. Some exercises would need more time that that allowed during the short duration of the competition.

4. Because of the high cost of the material necessary for carrying out some of the exercises. Both gentlemen stated that the Juries had taken this into account and had decided freely upon the selection of the best exercises, taking into account the Technical Committees decision to select in the first place the obligatory proposals which had been asked for and, when missing, the ones which had been voluntarily prepared.

Mr. Iley, technical representative of the United Kingdom, explained that one of the parcels sent to the Secretariat, containing the exercise proposals, arrived there open and without its contents and nothing had been found after the investigation. This was the reason why the United Kingdom was unable to present the total number of the proposals assigned to his country.

Mr. Albert confirmed Mr. Iley's information, Mr. Laman Trip, official representative of Holland, proposed to the Secretariat that they sould prepare a report about the system of presenting and selecting of the exercises used in this competition, so that the Council would be perfectly informed about the details of this system. The Council agreed to Mr. Laman Trip's request.

ANY OTHER BUSINESS

A Meeting of the Technical Committee became necessary so that its President Mr. Woernor, might explain to the technical representative the details of the printed sheets and the marking schedules which will be applied as a trial at this competition. It was agreed that this meeting would be convenient. It took place immediately and these meeting would took notice of methodes of filling out the said printed forms.

The Viceprosident, Mr. Müller, who due to the enforced absence of Mr. Lopez, acted as Prosident, closed the meeting in view of there not being any more business and asked for these minutes to be recorded, which I the Secretary certify as correct.

XVII INTERNATIONAL APPRENTICE COMPETITION

Report about the exercise proposal system and selection of proposals used at the XVII International Apprentice Competition.

This report is presented for knowledge of the Council members in accordance with the motion presented by Mr. Laman Trip, official representative of Holland, and ratified by the Organizing Council in its session of the 8th July 1968.

1. At the session which the Council hold in October 1967 it was decided that the exercises for the XVII Competition should be presented by the Countries indicated in the trades mentioned in appendix nº 1.

The decision to which we refer reads literally:

"Everyone of the countries mentioned will present as a minimum two proposals of each one of the exercises assigned to them, without a maximum limit."

2. The parcels containing the exercise proposals were sent by the Technical Representatives to the Secretariat. There were opened in the presence of Mr. Woerner, President of the Technical Committee. It was noted that all countries with the exception of the Principallity of Liechtenstein and Malta had sent in proposals.

Germany	presented	11 proposals
Belgium	"	4 "
Korea	"	12 "
Spain	"	32 "
Holland	"	11 "
Ireland	"	17 "
Italy	"	9 "
Japan	"	15 "
Luxemburg		2 "
Portugal	"	30 "
United Kingdom		21 "
Switzerland		25 "
Total.....		189 "

3. No proposals were presented for the assigned trade exercises as has been indicated in appendix nº 1, by:

Belgium, for fitting, constructional steel work and carpentry.
Germany, for instrument making
United Kingdom, for Milling
Japan, for electric welding
Spain, for industrial electronics
Luxemburg, for house wiring, industrial wiring, painting and ladies hairdressing.
Italy, for jewellery.

I have to report as has been mentioned at the sessions of the Technical Committee and of the Organizing Council, that a parcel which contained exercise proposals from the United Kingdom arrived at the Secretariat General, completely empty. This parcel arrived open.

4. I have to say too that some countries only presented one proposal and not two, as had been stated as a minimum in point 1 (of the Council's decision)

5. The following countries presented proposals of their own accord for other trades, too, besides those assigned to them.

Spain	17
Germany	5
Belgium	3
Switzerland	13
Korea	1

6. Of the 28 trades included, 22 were chosen out of the proposals assigned to the countries.

Out of the proposals presented voluntarily, 4 were chosen from Switzerland, 1 from Belgium and 1 from the United Kingdom.

Berne, 9th July, 1968
THE SECRETARY GENERAL

Francisco Albert Vidal.

Proposals for assigning trades for the presentation of drawings or designs

Trade	Countries
Fitting	Luxemburg, Portugal and Belgium
Press toolmaking	Germany, United Kingdom and Portugal.
Instrument making	Germany, United Kingdom and Switzerland.
Engineering drawing	Spain, Italy and Portugal.
Wood patternmaking	Germany, Korea and Italy.
Turning	Ireland, Italy and Japan.
Milling	Italy, Japan and United Kingdom.
Constructional steel work	Spain, Ireland and Belgium.
Gas welding	Germany, Japan and United Kingdom.
Electric welding	Japan, Portugal and United Kingdom.
Industrial Electronics	Spain, United Kingdom and Switzerland.
Radio and TV repairing	Portugal, Japan and Switzerland.
House wiring	Germany, Spain and Luxemburg.
Industrial wiring	Spain, Ireland and Luxemburg.
Sheet metal work	Spain, Portugal and United Kingdom.
Panel Beating	Portugal, Ireland and Holland.
Plumbing	Switzerland, United Kingdom and Holland.
Bricklaying	Spain, Ireland and Switzerland.
Stone cutting	Korea, Spain and Holland.
Painting	Korea, Luxemburg, and Belgium
Plasterwork	Ireland, Japan and Holland.
Cabinet making	Portugal, United Kingdom and Switzerland.
Joinery	Ireland, Japan and Belgium
Carpentry	Korea, Ireland and Japan.
Jewellery	Germany, Spain and Italy.
Shoe making	Belgium, Korea and Holland.
Tailoring	Belgium, Korea and Japan
Ladies hairdressing	Holland, Luxemburg and Switzerland.

MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD IN BERNE ON 13th JULY, 1968.-

In attendance

Mr. Müller
Mr. Schürch
Mr. Cech
Mr. Woerner
Mr. Schubert
Mr. Vlaemmink
Mr. Vastiau
Mr. Lee
Mr. Kang
Mr. Palencia
Mr. Laman Trip
Mr. Hamer
Mr. O'Flanagan
Mr. Power
Mr. Malagodi
Mr. Ghedini
Mr. Furuya
Mr. Maruoka
Mr. Glaesener
Mr. Walser
Mr. Seger
Mr. Raimondo
Mr. Chircop
Mr. Dias Ferreira
Mr. Vilar Queiroz
Mr. Hill
Mr. Iley

Secretariat

Mr. Albert
Mr. Capdepón

In the absence of Mr. Lopez, Mr. Müller, Official Representative for Switzerland, acted as President of the Organizing Council. He delegated his powers to Mr. Ramos, who then proposed the following Agenda to attending members.

1.- Confirmation, if approved, of the Minutes of the Meeting held by the Technical Committee and the Organizing Council from 3rd to 7th July.

2.- Confirmation, if approved, of the marks given in each of the trades and of the awards granted.

3.- Granting of plaques of honour to the different bodies which collaborated in this Competition.

4.- Fixing of dates for the Annual General Meeting of the Organizing Council.

5.- Any other business.

1.- Confirmation, if approved, of the Minutes of the meetings of the Technical Committee and the Organizing Council.

Council unanimously approved the Minutes.

With regard to the report presented by the Secretary-General concerning the selection system used at this Competition for choosing exercise proposals in each of the trades, at the request of Mr. Laman Trip, Official Representative for Holland, the United Kingdom mission explained that they had sent in good time proposals for all the trades assigned to their Country at the meeting held the previous October. If there were any missing, it was because one of the parcels sent to the Secretariat had disappeared. The Secretary-General gave ample notice of the loss.

Mr. Vastiau regretted that owing to an error his Country did not send some of the proposals assigned to it.

Mr. Laman Trip thanked the Secretariat for its report and requested record be made in the Minutes of Mr. Schubert's explanation concerning the successful exercise selection procedure used at this Competition. He suggested the system of selecting exercise might be discussed at the October meeting and an even more suitable procedure evolved.

2.- Reading out and confirmation, if approved, of the marks given in each of the trades and of awards granted.

The Secretary-General read out the marks awarded in each of the trades and the list of medals and awards granted.

These were approved by the Organizing Council after discussion took place concerning some of them, same being recorded below. The marks objected to or discussed were the following:

ENGINEERING DRAWING.- Mr. Ramos asked Mr. Iley to say what deficiencies had been observed in the Spanish contestant's work, as this candidate himself had made the same request to the Official Representative for Spain. Mr. Iley gladly answered and both parties were satisfied.

ELECTRIC AND GAS WELDING.- Mr. Ramos asked Mr. Woerner, President of the Technical Committee, to inform Council what marks had been granted in both these trades, as there was no record of them in possession of the different Missions.

Mr. Woerner gave the marks obtained by each of the contestants and which are to be found in the Appendix to these Minutes. Mr. Queiroz regretted that the difference - a very small one - between the first and second place-getters may have been due to the fact the workshops were furnished with only two T.I.G. welding places which had to be used by the ten contestants. He was sure that was the reason why the Portuguese participant did not obtain a better mark - because of the nervousness produced in him by his not being able to use the apparatus refe - rred to at the moment when he needed it. This, without any doubt, had prejudiced him considerably.

The abovementioned facts were what had decided Mr. Pereira Cardoso to send a report to the Technical Committee drawing its attention to the situation.

Mr. Woerner said he regretted Mr. Pereira should have taken this decision when it would have been more effective to mention it to him personally.

Mr. Queiroz pointed out that Mr. Pereira's report did not aim to change the marks awarded, but merely to draw attention to the situation.

Mr. Dias Ferreira said it was to be regretted if a lack of facilities had altered the time-factor question and so been responsible for the unsatisfactory situation existing with regard to the first and se - cond prize-winners. This prompted him to move that two Gold medals be awarded and one Bronze one. But this suggestion was not thought acceptable, as there existed a ruling according to which only one medal of each kind could be awarded in any trade.

INDUSTRIAL ELECTRONICS

Mr. Vilar Queiroz reported that, in this trade, the Marking Re - port had not been signed by Mr. Leitao, a Portuguese expert, It was his opinion it was improper the signature of one of the members of the Jury should be mission from document of such importance.

Mr. Schürch stated the reason why Mr. Leitao had not signed the marking report was that he had absented himself.

An animated discussion then arose between the Portuguese representatives on one hand and Mr. Schürch on the other. Messrs. Dias Fe - rreira and Vilar Queiroz did not agreed, firstly, that the Marking Report had not been signed by the Portuguese expert; and, secondly, neither did they agree with the application of the "advantageous use of mate - rials" concept, as they considered the marks granted for that point were

not correct. In the third place, they were of the opinion contestants should have been told beforehand that marks would be awarded for that point.

Mr. Schürch maintained, firstly, that the penalty imposed for the "advantageous use of materials" concept was perfectly reasonable; seeing that more than 150 pieces were used in this trade, he personally felt the breakage of only one of them was correctly penalized by taking off half a mark. Secondly, he said that if Mr. Leitao had not signed the Marking Report it was because he did not agree with it, and, as President of the Commission, he himself opted for doing without that signature. Thirdly, he stated the contestants had been informed beforehand how the marking schedules would be made up.

With attempts to reconcile these two points of view, further animated discussion arose. Mr. Schubert intervened, explaining it was his opinion the experts were the ones who ought to supervise contestant's work and collaborate when it came to marking; however, in this case, he would suggest the Portuguese Mission accept the results proffered by the Marking Commission.

With regard to the formula for assessing the time factor, Messrs. Woerner, Schubert, Vastiau and Müller reminded Council it was set down in the Minutes of the Meeting of the Technical Committee that the assessment and marking of that factor was left to the discretion of the Juries, with the sole condition that the time factor mark should not exceed that given for the quality factor.

As it finally seemed impossible to reconcile the Portuguese Mission's point of view with that taken by the Marking Commission for Industrial Electronics, in spite of many attempts made by Council members, the President, Mr. Ramos, proposed as the only feasible solution that it be put to the vote whether or not the marking given by the Trade Jury should be accepted.

Council agreed to this proposal and proceeded to vote. The result was that a large majority accepted the marking approved by the Commission over by Mr. Schürch.

INDUSTRIAL WIRING.- On the markings in this trade being read out, it was noticed the Spanish contestant who had finished in seventh place, was recommended for Honourable Mention, while the contestants in fifth and sixth place had apparaently been overlooked.

Mr. Vastiau asked the President of the Commission in question, Mr. Kang Official Representative for Korea, if he would explain this seeming anomaly. Mr. Kang stated that the Spanish contestant had carried out the test work under a definitive physical handicap as he was suffering from a dislocation of the left wrist, but that in spite of this, his work had been excellent - a fact which justified one in supposing he would have obtained a better place had he been in better physical condition. It was as a tribute to his sporting spirit that he had been recommended for an Honourable Mention. Mr. Dias Ferreira then proposed the fifth and sixth place-getters, from Switzerland and Luxemburg respectively, should also be awarded Honourable Mention. Mr. Kang said to his mind it was somewhat exaggerated to give prizes to seven out of thirteen contestants.

Messrs. Schubert, Woerner, Vastiau, Hamer and Hill thought it reasonable and sportsmanlike that the Commission should wish to pay tribute to someone who was able to overcome and master such a disability and discouragement. Accordingly, Council agreed to accept the Marking Commission's proposal.

PANEL BEATING.- Mr. Palencia asked the Marking Commission for this trade, presided over by Mr. Maruoka, Technical Representative for Japan, to explain why the marking schedule included a factor not previously fixed upon and which the contestants had not been advised of beforehand.

In reply, Mr. Maruoka said the Commission had thought it warranted to add a new concept, that of fidelity to the design, which would have a negative value of from one to four points on the Marking Report. He asked that the marking proposed by the Commission be accepted.

Mr. Palencia then moved either that the additional factor be abolished or that a new Jury formed by people of nationalities different from those of the contestants involved in the dispute, should make another assessment of the candidate's work.

Council accepted the latter proposal, appointing a new Jury presided over by Mr. Walser, Technical Representative for Liechtenstein, who was to have the assistance of two Swiss experts. Subsequently, this Jury gave its decision which was approved by Council, and which will be found in the appendix to these Minutes.

3.- Granting of plaques of honour to the different bodies collaborating in this Competition.-

Mr. Ramos proposed Council grant Competition Plaques to the Centres where contestants had been lodged during the Competition. Council approved this motion, and silver plaques were granted to the following centres:

Seminar Muristalden
Seminar Hofwil
Haushaltungslehrerinnenseminar

4.- Fixing of dates for the Annual General Meeting of the Organizing Council.

Council agreed its Annual General Meeting should be held in Madrid on 24th, 25th and 26th of the following October.

5.- Any other business

Mr. Ramos asked that it be recorded in these Minutes that the expectations of all member countries had been fully realized in view of the success of this 17th Competition. He wished to give the warmest congratulations to the Swiss Organizing Committee, and in particular to Messrs. Müller and Schürch for the notable advances made on this occasion.

Council joined in these congratulations, and applauded both gentlemen heartly.

Mr. Hill, Official Representative for the United Kingdom, asked the Belgian Mission if it was in a position to confirm that the 18th International Competition would be held in Brussels. The Official Representative for Belgium, Mr. Vlaemmink, stated there was a 95% probability of the 18th Competition being held in his Country, especially as the new Minister concerned with the question would be delighted if it were. In this case, Mr. Vlaemmink added, the Competition would take place in the middle of July, 1969.

Finally, Mr. Ramos delivered a message from Mr. Palomares, President of the National Spanish Committee, in which the latter said he was looking foreward to the October Meeting when he would have the opportunity of personally greeting Councillors. As well, a letter from the Japanese newspaper "Ikan Goygo" was read out, in which our activities were amply discussed and evaluated.

As there was [illegible] no more business to be discussed, the President closed the Meeting, asking for these Minutes to be drawn up, which I the Secretary, certify as correct.

APPENDIX

The Organizing Council of the 17th International Apprentice Competition, at a meeting held on 13th July, 1968, in Berne, adopted the following resolution:

After considering the proposals of the Technical Committee of this 17th International Competition, and having examined the marks awarded and the work done by the contestants in the Competition, Council approves the marks, classifications and prizes awarded to the contestants as set out in the following lists:

FITTING

1. Endo Monoru	Japan	92,03	points	1º Gold Medal
2. Wilfried Jäger	Germany	90,54	"	2º Silver Medal
3. Herbert Schneider	Switzerland	88,43	"	3º Bronze medal
4. Paul Raymond Blake	United Kingdom	83,93	"	4º Honour Mention
5. Juan J.Rodriguez Vara	Spain	82,76	"	5º " "
6. Shi Yong Chang	Korea	76,12	"	6º
7. Giuseppe de Angelis	Italy	66,66	"	7º
8. James Vahey	Ireland	66,19	"	8º
9. J.W. Jekel	Holland	60,16	"	9º
10. Armando Luis Costa A.	Portugal	59,88	"	10º
11. Gerry Hanskens	Belgium	56,08	"	11º
12. Fernand Bidinger	Luxemburg	53,59	"	12º
13. Reinhold Oehri	Liechtenstein	51,15	"	13º
14. Alfred Muscat	Malta	32,17	"	14º

PRESS TOOL MAKING

15. Ito Susumo	Japan	80,84	points	1º Gold Medal
16. Heinrich Braun	Germany	72,63	"	2º Silver Medal
17. Ewald Kranz	Liechtenstein	70,36	"	3º Bronze medal
18. Jose Mª García Langa	Spain	66,54	"	
19. Hanjörg Erzinger	Switzerland	64,95	"	
20. Sea Ryan	Ireland	64,68	"	
21. Paul Reichert	Luxemburg	60,50	"	
22. Michael John Gray	United Kingdom	54,70	"	
23. H.C.M. Mosselved	Holland	51,72	"	

INSTRUMENT MAKING

24. Raymond Kenneth S.	United Kingdom	85,89	points	1º Gold Medal
25. G.H. Antonis	Holland	84,65	"	2º Silver Medal
26. Beat Peteut	Switzerland	83,14	"	3º Bronze Medal
27. Werner Straus	Germany	81,25	"	4º Honour Mention

ENGINEERING DRAWING

28. Alfons Schöb	Switzerland	86,85	points	1º Gold Medal
29. Su Koo Lee	Korea	81,01	"	2º Silver Medal
30. Gianbattista Carboni	Italy	77,73	"	3º Bronze Medal
31. Michael Biedemart	Liechtenstein	76,66	"	4º Honour Mention
32. Dieter Küttermann	Germany	70,27	"	
33. Yamashita Kenji	Japan	69,93	"	
34. David Hess	United Kingdom	61,51	"	
35. Joao M.Morcego de O	Portugal	59,93	"	
36. Antonio Muñoz Muñoz	Spain	59,80	"	
37. Thomas Cloury	Ireland	47,63	"	
38. Joseph Angius	Malta	31,52	"	

WOODPATTERMAKING

39. Toyota Yasufumi	Japan	85,05 points	1º	Gold Medal
40. Syk Tae Kang	Korea	77,75 "	2º	Silver Medal
41. John Charles Wharton	United Kingdom	74,55 "	3º	Bronze Medal
42. Max Matthes	Germany	73,55 "	4º	Honour Mention
43. Franz Roth	Switzerland	72,35 "	5º	
44. H.T. Douwes	Holland	59,80 "	6º	
45. Alejandro Perez Vega	Spain	55,00 "	7º	
46. Gianfranco Benassi	Italy	51,35 "	8º	
47. John Meehan	Ireland	33,75 "	9º	
48. Jose A.Santos Almeida	Portugal	out "	10º	

TURNING

49. Kosuge Takayuki	Japan	93,30 points	1º	Gold Medal
50. Suk Doo Kim	Korea	89,94 "	2º	Silver Medal
51. Robert George Maitland	United Kingdom	84,11 "	3º	Bronze Medal
52. Walter Dörfler	Germany	82,72 "	4º	Honour Mention
53. Hans Hunziker	Switzerland	79,93 "	5º	
54. G.J.P. Göppel	Holland	79,63 "	6º	
55. Donald Kelly	Ireland	78,10 "	7º	
56. Diego Fdez Redondo	Spain	77,50 "	8º	
57. Alberto Pimenta	Portugal	56,73 "	9º	
58. Giacono Giamei	Italy	55,71 "	10º	
59. Marcel Soil	Luxemburg	55,03 "	11º	
60. Edwin Micallef	Malta	54,64 "	12º	
61. Robert Vandebroek	Belgium	47,45 "	13º	

MILLING

62. Sergio Lamberto Soli	Italy	89,85 points	1º	Gold Medal
63. Antonio Lopes	Portugal	86,90 "	2º	Silver Medal
64. Machi-I Toshio	Japan	86,75 "	3º	Bronze Medal
65. Benito Grillo S.	Spain	85,45 "	4º	Honour Mention
66. Kewin Egan	Ireland	78,95 "	5º	
67. Ortwin Schwarz	Germany	77,45 "	6º	
68. H. Kools	Holland	69,10 "	7º	
69. Martin Wüthrich	Switzerland	65,55 "	8º	
70. William Dereck Myles	United Kingdom	60,55 "	9º	
71. Anthony Dalli	Malta	40,70 "	10º	

CONSTRUCTIONAL STEEL WORK

72. Yamaguchi Mnaji	Japan	81,16 points	1º	Gold Medal
73. Walter Suter	Switzerland	80,39 "	2º	Silver Medal
74. C. Nagel	Holland	69,92 "	3º	Bronze Medal
75. Johannes Mosch	Germany	69,65 "	4º	Honour Mention
76. Joao M.Gomes M.	Portugal	69,65 "	5º	Honour Mention
77. James Driver	United Kingdom	62,78 "	6º	
78. Theo Thill	Luxemburg	60,92 "	7º	
79. Juan Miguel Z.	Spain	59,31	8º	
80. Marc Domeyer	Belgium	49,33 "	9º	
81. John O 'Driscoll	Ireland	48,77 "	10º	

GAS WELDING

82.	Sung Kuew Kim	Korea	92,510 points	1º Gold Medal
83.	Kikuchi Yoshiaki	Japan	85,735 "	2º Silver Medal
84.	Victor M.Moreira de V	Portugal	83,737 "	3º Bronze Medal
85.	William Anthony B.	United Kingdom	70,147 "	4º
86.	John Mahon	Ireland	67,677 "	5º
87.	Volker Kreuzmann	Germany	59,125 "	6º
88.	Carlos Posada Martin.	Spain	58,695 "	7º
89.	Peter Lüdi	Switzerland	41,740 "	8º
90.	Fausto Musazzi	Italy	34,743 "	9º

ELECTRIC WELDING

91.	Eduardo Ferrería P:	Spain	85,433 "	1º Gold Medal
92.	Joaquin J.Rebelo	Portugal	84,607 "	2º Silver Medal
93.	Graziano Facchin	Switzerland	74,556 "	3º Bronze Medal
94.	John Murphy	Ireland	70,653 "	4º Honour Mention
95.	Ludovic Blackwood	United Kingdom	70,460 "	5º
96.	Hans Georg Seifer	Germany	66,535 "	6º
97.	C. van Soest	Holland	57,909 "	7º
98.	Kikuchi Sueyoshi	Japan	53,877 "	8º
99.	Yong Bok Lee	Korea	45,450 "	9º
100.	Edigio Mazzetto	Italy	out	10º

INDUSTRIAL ELECTRONICS

101.	Marton Freudiger	Switzerland	89,75 points	1º Gold Medal
102.	Johann Brandt	Germany	84,25 "	2º Silver Medal
103.	Trevor Vaugham	United Kingdom	80,54 "	3º Bronze Medal
104.	Leonel Piedade	Portugal	79,41 "	4º Honour Mention
105.	Jose L.Araujo	Spain	56,75 "	5º

TV AND RADIO REPAIRING

106.	Gianni Alberici	Italy	79,9 points	1º Gold Medal
107.	Blaise Cavin	Switzerland	72,7 "	2º Silver Medal
108.	Carlos A.Martinez P.	Portugal	71,2 "	3º Bronze Medal
109.	Reinhard Jester	Germany	70,65	4º Honour Mention
110.	Yokozeki Vemi	Japan	69,825	5º
111.	Jose Mª Canela G.	Spain	68,65 "	6º
112.	Georges Masset	Belgium	66,6	7º
113.	Jeffrey Reginald	United Kingdom	52,45	8º

HOUSE WIRING

114.	Hanspeter Bigler	Switzerland	91,57 points	1º Gold Medal
115.	Jose C.Caldeira L.	Portugal	90,40 "	2º Silver Medal
116.	James Corcoran	Ireland	86,93 "	3º Bronze Medal
117.	Suita Masuo	Japan	86,83 "	4º Honour Mention
118.	Byung Sung Hwang	Korea	86,59 "	5º " "
119.	Franco Loschi	Italy	79,49 "	6º
120.	Detlag Storberg	Germany	78,69 "	7º
121.	Fernando Manuel Dasi	Spain	75,60 "	8º
122.	Brian Stanley Parker	United Kingdom	74,29 "	9º
123.	J. Westrate	Holland	73,99 "	10º
124.	Marc Bodart	Belgium	72,04 "	11º

INDUSTRIAL WIRING

125. Umezawa Hiroaji	Japan	93,81 points	1º	Gold Medal
126. Choon Sung Park	Korea	91,91 "	2º	Silver Medal
127. Andrews Sohn Colin	United Kingdom	85,59 "	3º	Bronze Medal
128. Bruno Kramer	Germany	85,11 "	4º	Honour Mention
129. Rene Tissier	Luxemburg	83,77 "	5º	
130. Jürg Padrutt	Switzerland	81,93 "	6º	
131. Manuel Lahuerta C	Spain	78,22 "	7º	
132. Bredan Dolan	Ireland	77,68 "	8º	
133. Amaro Teixeira	Portugal	74,62 "	9º	
134. Th. C in T'Ven	Holland	72,70 "	10º	
135. Lorenzo Folla	Italy	67,46 "	11º	
136. Eric van Schoenbeeck	Belgium	65,52 "	12º	
137. Savior Tanti	Malta	44,43 "	13º	

PANEL BEATING

138. Lothar Maienschein	Germany	79,40 points	1º	Gold Medal
139. Joaquin Hinojosa E	Spain	77,90 "	2º	Silver Medal
140. Ishigaki Akio	Japan	76,10 "	3º	Bronze Medal
141. Jose C. Padinha S.	Portugal	68,40 "	4º	
142. Josef Kaufmann	Switzerland	66,60 "	5º	
143. A.G. van Boerdonk	Holland	60,80 "	6º	
144. Vincent Cahill	Ireland	60,30 "	7º	
145. Jean Jacques Bravant	Belgium	not finish	8º	

SHEET METAL WORK

146. Francisco Rodriguez G	Spain	84,50 points	1º	Gold Medal
147. Anthony Redmond	Ireland	69,55 "	2º	Silver Medal
148. Sumida Kazushi	Japan	88,63 "	3º	Bronze Medal
149. Jae Chun Yoo	Korea	67,00 "	4º	Honour Mention
150. H. Dasselaar	Holland	59,05 "	5º	
151. Siegfried Mhal	Germany	57,50 "	6º	
152. Michael Edwin Thru.	United Kingdom	54,80 "	7º	
153. Carlos Pereira dos S.	Portugal	52,30 "	8º	
154. Mario Abela	Malta	38,50	9º	

PLUMBING

155. Hermann Dorn	Switzerland	88,80 points	1º	Gold Medal
156. Martin Thomas Logan	Ireland	76,05 "	2º	Silver Medal
157. Juan Barrena Reyes	Spain	75,10 "	3º	Bronze Medal
158. J. v.d. Brinck	Holland	73,30 "	4º	
159. Hans-Josef Fuèchs	Germany	67,35 "	5º	
160. John Kenneth Paris	United Kingdom	65,20 "	6º	
161. Suzuki Nobuco	Japan	62,50 "	7º	
162. Antonio Franco Alves	Portugal	60,50 "	8º	
163.				

BRICKLAYING

163. Albert Künti	Switzerland	95,70 points	1º	Gold Medal
164. Manfred Braun	Germany	88,75 "	2º	Silver Medal
165. John Daniel Palmer	United Kingdom	78,75 "	3º	Bronze Medal
166. André Christianes	Belgium	78,65 "	4º	Honour Mention
167. Andrew Mc.Carthy	Ireland	76,35 "	5º	
168. J. Chr. van Baarsen	Holland	68,10 "	6º	
169. Arnaldo Pavan	Italy	52,65 "	7º	

STONE CUTTING

170. André Cognaux	Belgium	89,09 points	1º	Gold Medal
171. Eberhard Bäder	Germany	87,21 "	2º	Silver Medal
172. Brian Edward Dodge	United Kingdom	87,11 "	3º	Bronze Medal
173. Rogerio Carilho T.	Portugal	85,23 "	4º	Honour Mention
174. Jose Piñeiro Candela	Spain	77,31 "	5º	
175. Kurt Theiler	Switzerland	73,55 "	6º	

PAINTING

176. Andres Castellano C.	Spain	76,60 points	1º	Gold Medal
177. K.A. Saman	Holland	72,90 "	2º	Silver Medal
178. Anton Pfammatter	Switzerland	70,90 "	3º	Bronze Medal
179. John Sargeant	United Kingdom	67,50 "	4º	
180. Claude Guerriat	Belgium	62,00 "	5º	
181. Yung Cho Chung	Korea	54,40 "	6º	
182. Karl Albrecht Gast	Germany	53,80 "	7º	
183. Henrique Santos B.C.	Portugal	51,50 "	8º	
184. Bernard Lynch	Ireland	50,60 "	9º	

PLASTER WORK

185. G.G. Geerts	Holland	74,00 "	1º	Gold Medal
186. Patrick Kavanagh	Ireland	68,25 "	2º	Silver Medal
187. Michael Thomas Calder	United Kingdom	61,25 "	3º	Bronze Medal
188. Reinhold Ziegler	Germany	58,25 "	4º	
189. Walter Jäggi	Switzerland	50,25 "	5º	
190. Willy de Clerq	Belgium	30,25 "	6º	
191. M.suoka Akira	Japan	25,75 "	7º	

CABINET MAKING

192. Silvia Felix	Switzerland	86,50 "	1º	Gold Medal
193. J.C.J. Michels	Holland	79,95 "	2º	Silver Medal
194. Iwahana Yukinobu	Japan	79,45 "	3º	Bronze Medal
195. Joseph Byrne	Ireland	71,95 "	4º	Honour Mention
196. Yoo Oh Kim	Korea	71,70 "	5º	Honour Mention
197. Stephen Paul Twig	United Kingdom	70,25 "	6º	
198. Georg Widl	Germany	70,00 "	7º	
199. Jose A. Merino A.	Spain	69,70 "	8º	
200. Pierre Mersch	Luxemburg	66,50 "	9º	
201. Joao Teixeira Macedo	Portugal	50,95 "	10º	

JOINERY

202. John William Napier	United Kingdom	92,32 "	1º	Gold Medal
203. Padraig Borgin	Ireland	86,29 "	2º	Silver Medal
204. Kawamura Kishio	Japan	81,76 "	3º	Bronze Medal
205. Pastos Diaz Villalobos	Spain	79,77 "	4º	Honour Mention
206. Silverio Dias Frade	Portugal	79,44 "	5º	Honour Mention
207. Karl-Heinz Fürst	Germany	76,06 "	6º	
208. Erhard Kälin	Switzerland	74,94 "	7º	
209. J. Reek	Holland	66,75 "	8º	
210. Leon Vanoosterhout	Belgium	65,83 "	9º	

CARPENTRY

211. Nam Kil Choi	Korea	85,50 points	1º Gold Medal
212. Paul Grunder	Switzerland	79,00 "	2º Silver Medal
213. Friedhelm Diekmann	Germany	78,20 "	3º Bronze Medal
214. Santo Takeshi	Japan	75,00 "	4º Honour Mention
215. John Cronin	Ireland	61,00 "	5º
216. Geoffrey Ronald S.	United Kingdom	48,00 "	6º
217. c. Faber	Holland	46,70 "	7º
218. M.C.Dionisio Galao	Portugal	44,70 "	8º
219. Juan de Koster	Belgium	32,20 "	9º

JEWELLERY

220. Felix Stüssy	Switzerland	85,35 "	1º Gold Medal
221. Michael Cubitt	United Kingdom	84,85 "	2º Silver Medal
222. Eckhard Adler	Germany	72,70 "	3º Bronze Medal
223. Carlo Zambelli	Italy	69,10 "	4º
224. J.R.F. van Kins	Holland	68,30 "	5º
225. Carlos Fidalgo P.	Spain	68,20 "	6º
226. Claudio Cosra Passos	Portugal	66,10 "	7º
227. Francois Puwels	Belgium	56,60 "	8º
228. Joseph Duca	Malta	39,00 "	9º

SHOEMAKING

229. Yoon Sun Kim	Korea	83,95 points	1º Gold Medal
230. Albert Bohren	Switzerland	73,10 "	2º Silver Medal
231. J. Booster	Holland	68,85 "	3º Bronze Medal
232. Louis van de Boorde	Belgium	63,75 "	4º
233. Arno Most	Germany	51,30 "	5º
234. Jose Chinchilla Mafcos	Spain	43,00 "	6º

TAILORING

235. Chi Sang Yang	Korea	93,45 points	1º Gold Medal
236. Murai Takanao	Japan	84,00 "	2º Silver Medal
237. Klaus Windisch	Germany	80,50 "	3º Bronze Medal
238. Carlos Herrero Peñas	Spain	79,35 "	4º
239. Josef Scherrer	Switzerland	78,20 "	5º
240. J. Mollena	Holland	77,25 "	6º
241. Michael Fairbrother	Ireland	72,00 "	7º
242. James Richard Hutton	United Kingdom	65,50 "	8º

WOMEN HAIRDRESSING

243. Yvonne Brand	Switzerland	82,20 points	1º Gold Medal
244. Mireille Courteis	Belgium	79,50 "	2º Silver Medal
245. W. Somers	Holland	77,40 "	3º Bronze Medal
246. Jacqueline White	United Kingdom	68,70	4º
247. Wolfgang Neumann	Germany	59,60 "	5º
248. Isabel Aparicio R.	Spain	57,50 "	6º
249. Kook Ae Kim	Korea	51,70 "	7º

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