



Sydney · Australia

Feb 18-21 · 1988



CHAIRMAN’S MESSAGE

The 29th Skill Olympics was particularly rewarding for the United Kingdom competitors and for the many volunteers who supported and prepared them for international compeition. This was our best performance for many years and proved that careful selection and systematic training with emphasis on team building pays off.

Our Australian hosts organised a magnificent event and everyone present was greatly stimulated by seeing Australia ‘en fête’ for its bicentennial celebrations. The standards of the competitors were higher than ever and yet we turned in one of our best performances – altogether a very satisfying result and a good start for our most challenging task ever. Next year in Birmingham we have to run a first class competi-tion and our young people who compete have to demonstrate the excellence of our education and training in competition with the World’s best.

ERIC TINDALL
Chairman, Skill-UK

INDEX

Message from the Chairman	1
Introduction	2
29th International Youth Skill Olympics	4
Technical Matters	7
Summary of UK Competitors and Experts	8
International Committee Meetings	8
United Kingdom Team of Competitors	9
Competitor’s Profiles	10
List of Donors	14
Skill-UK Council, Committees and Experts	16
Tables of Results:	
Table I – Awards by Countries	17
Table II – Position of UK Competitors for each Skill	18
Table III – Position of Participating Countries	19
Table IV – Best of Nation Awards	20

INTRODUCTION

This great Olympic event held in Sydney, Australia, in February 1988 once again exceeded all records by attracting 354 young people – more than ever before – from 19 member countries of the world. Competitors displayed their outstanding skills and knowledge in 34 different trades over a demanding four day competition. In addition to the official competition a number of young people participated in 11 demonstration trades, for the purpose of assessing possible new trades for future Skill Olympics.

The organisation involved some 200 experts to prepare the projects, supervise the competition and do the marking, 40 officials and technical delegates, dozens of official observers from all over the world and tens of thousands of Australian visitors.

The **United Kingdom** participation was **highly successful** having entered a team of 26 young craft persons of whom over half obtained awards. These awards included 2 Gold Medals, 3 Silver Medals and 5 Bronze Medals attaining for the UK **FOURTH PLACE** in terms of the number of medals won. In addition to these high achievements, six other competitors were awarded Diplomas of Merit for outstanding quality of work.

Participating in an International Vocational Training Competition (IVTC) is an unforgettable experience for everyone. The aim of any young competitor of course is to be a winner. A visible recognition of effort and skill is appreciated in all countries.

Nevertheless, conversations, contacts and exchange of experience among participants from other parts of the world are by no means less important. A lifetime friendship can develop between people of all ages. Furthermore everybody learns that hard work and consistent effort lead to achieving the desired goal – that only real efficiency brings personal satisfaction.

The occasion offers everyone involved, the opportunity of a better understanding of a foreign country, its people and culture. Often contacts of an industrial and economic nature are developed. Another benefit of participation is the possible feedback of one's own vocational training system. To observe skilled persons from different continents of the world affords an opportunity to assess the value of the various techniques and processes employed and the way tools are handled.

Team Preparation

Both Skill-UK Council and the Selection and Training Committee, having reviewed in great detail the results of the 28th IVTC held in Japan in 1985, came to the conclusion that the results did not reflect the full abilities of the competitors. Dis-

cussions took place with competitors, experts and observers particularly from the Industry Training Boards and employers. In addition, consultation with specialists at the Coombe Lodge Further Education Staff College was held to ascertain methods of preparation to be adopted which would fully exploit the full potential of each competitor.

As a result of this extensive investigation the following programme was devised:—

1 *Interviews* As an integral part of the initial selection procedure, normally on completion of the national competition or as soon as possible afterwards, potential candidates from a short list were interviewed by the experts involved. This exercise was intended to ensure that the competitor finally chosen was sufficiently motivated to maintain a high competitive spirit throughout the International Competition and able to withstand the pressure of working under competition conditions.

2 *Activities Week-end* One feature which was considered very desirable was that of a generated team spirit among the competitors. A high standard of morale is of paramount importance among the team members themselves and a source of great encouragement can be derived from friendships with colleagues of a similar age group facing the same intense pressure.

To develop this team spirit an activities residential week-end was organised in conjunction with the staff at the CITB Bircham Newton Centre where the event took place. This enabled the competitors to meet with each other and the team leader, Archie Sharkie, and to participate in a programme of a light sporting nature. This event was much appreciated by everybody who attended.

3 *Briefing Week-end* A second residential week-end took place at Bircham Newton in November when all who were going to Australia including Competitors, Team Leader, Experts and Officials were in attendance. The purpose was two-fold, firstly to participate in a series of 'Workshops' devised by visiting staff from the Coombe Lodge Further Education Staff College to generate a spirit of determination, and secondly to enable the officials to acquaint everyone with the technical and travel arrangements for Australia. Again it afforded a further opportunity for the team to get together and to learn more of the Skill-UK organisation.

Suzanne Phillips of BBC Radio Sheffield attended both residential week-ends and conducted interviews with competitors, experts and officials.

4 *Pre-Competition Training* During the period between the date on which the competitor was selected and the IYSO, the individual expert visited the competitor and his/her training manager at their place of work to discuss the content and rules of the International Competition. Where it was considered appropriate specific aspects of training were adopted, and if an employer was unable to provide this the appropriate ITB was invited to assist.

5 *Uniform Presentation* On 27 January 1988 the competitors and Team Leader met at the West Midlands Clothing Resource Centre Ltd. Smethwick, to be presented by the Manager, Geoff Vaughan, with uniforms generously donated by various manufacturers. The clothes consisted of two complete changes including a dress uniform of plain grey suits with shirts, ties and shoes and sets of blue working outfits appropriate to the particular trade of the competitor. In addition other donated items were distributed including hats, caps, personalised luggage straps, sweaters and sports bags.

DEPARTURE FOR AUSTRALIA

The first party to leave Heathrow on 5 February 1988, included the Skill-UK Technical Delegate Robert Arculus and 16 Experts each being a member of the International Jury relative to a particular trade. The purpose of this earlier departure was to permit the juries to decide on the actual content of the competition, prepare the necessary drawings and instructions (in the four official languages), devise an acceptable marking scheme, and examine the working area and conditions to ensure that adequate facilities and safety provision were available.

The team of 26 Competitors left Heathrow on Thursday 11 February 1988 for Sydney Australia, having spent the previous night with the Team Leader, the Director of Skill-UK and Observer/Expert, Dave Graham, at Fairmile Court Conference Centre. An official "send-off" took place at the Skyways Hotel where Mr Patrick Nicholls MP., Under Secretary of State for Employment, addressed the party and distributed "Certificates of Participation". He congratulated the team on behalf of the Minister stating that they were the "best in the country" and was pleased to note that seven of them had commenced their training on a Government Youth Training Scheme. The Under Secretary told the team of the need to be able to compete with foreign opposition and going to Sydney was an excellent opportunity to observe what was going on outside the UK. His parting comment was "Go out and enjoy yourselves – it is the opportunity of a lifetime".

On arriving back at Terminal 4, Photographs were taken of the whole team and a number of parents, friends, and employers had gathered to wish the team well. Flight BA09 took off at 1245 hours, with 307 passengers on board enroute for Sydney via Bangkok. During the flight the Captain gave his congratulations to competitor Richard Bryant, who became 22 years of age, and wished the UK Team well on the 29th IYSO. Time seemed to lose its meaning as we flew on and on, but on arrival at Sydney Airport we were assured that it was 2230 hours on Friday 12 February and it was raining! We were then transported to various hotels and the competitors to halls of residence at Sydney University.

Among those accompanying the team on the journey were the Chairman, Director and Chief Executive of Skill-UK and a number of Observers.

THE 29th INTERNATIONAL YOUTH SKILL OLYMPICS, SYDNEY, AUSTRALIA

This prestigious international event was staged in the new Exhibition Hall which forms part of a major new complex at Darling Harbour opened officially by HM The Queen in May 1988. Although fully air conditioned, the temperature inside the building was 70 degrees and the weather outside the building was very hot indeed.

A record 120,000 visitors including many school parties strolled along the wide aisles viewing the various trade competitions and demonstrations and enjoying the atmosphere of a trade show or skills exhibition. The stands which attracted the most attention were hairdressing, cookery and landscape gardening. Several times during the four days of competition the doors had to be closed to visitors due to the sheer volume of people inside. Such was the tension and heat that three of the UK competitors were affected, one of whom withdrew from the competition altogether on medical advice. Nevertheless all the more credit is due to the UK team who produced such high standards of work under intense conditions.

Distinguished visitors from the UK included:-

Denis F Smedley	Bicentennial Consulate General
John Armstrong	Chairman of the Road Transport Industry Training Board
John Barnes	Director General of the City and Guilds of London Institute
Tom Clements	Deputy Chairman of the Construction Industry Training Board
Malcolm Fordy	Chairman of the European Vocational Training Commission
Chris Hodgson	Director of Training R&D Road Transport Industry Training Board

The BBC's Australian correspondent and a camera crew videod aspects of the competition for transmission in the UK when the results were announced. Radio Sheffield was also represented.

The 354 competitors representing 19 countries from the continents of the Americas, Asia, Australia and Europe were made up as listed opposite:-

Two new countries participated in 1988 for the first time, namely New Zealand and Papua, New Guinea while Spain, the country in which the IVTC originated, did not compete.

While the number of trades in which competitions were held remained at 34, two new skills were introduced, those of CNC Machining and Plant Mechanics, replacing Roofing and Watchmaking.

The skill attracting the highest number of entries was Turning, with 15 competitors. The lowest were Graphic Arts, Plant Mechanics, Panel Beating and Radio & TV Repairs, with only six competitors each.

Country	No. of Competitors
Austria	17
Australia	34
Bermuda	5
Brazil	8
France	11
Germany	27
Holland	23
Ireland	18
Japan	30
Korea	34
Liechtenstein	8
Macao	6
New Zealand	18
Papua, New Guinea	11
Portugal	11
Switzerland	23
Taiwan	27
United Kingdom	26
United States of America	17

No.	Skill	Competitors
1	Fitting	14
2	Press Toolmaking	12
3	Instrument Making	7
5	Engineering Drawing	13
6	Turning	15
7	Milling	13
8	Constructional Steelwork	12
9	Gas Welding	8
10	Electric Welding	12
11	Wood Patternmaking	10
13	Panel Beating	6
14	Sheet Metalwork	10
15	Plumbing	12
16	Industrial Electronics	13
17	Consumer Electronics (Radio & TV Repairing)	6
18	Commercial Wiring (House wiring)	9
19	Industrial Wiring	13
20	Bricklaying	12
21	Stonemasonry	9
22	Painting & Decorating	8
23	Plasterwork	7
24	Cabinet Making	12
25	Joinery	14
26	Carpentry	12
27	Jewellery	7
29	Ladies' Hairdressing	10
30	Men's Hairdressing	9
31	Garment Production (Ladies' Dressmaking)	9
32	CNC Machining	9
33	Automotive Mechanics	8
34	Cookery	14
35	Waiting	12
36	Graphic Arts	6
37	Plant Mechanics	6

The skill attracting the highest number of entries was Turning, with 15 competitors. The lowest were Graphic Arts, Plant Mechanics, Panel Beating and Radio & TV Repairs, with only six competitors each.

In addition to the official competition, a large number of young people competed in 11 demonstration trades with the aim of assessment for possible inclusion in future Skill Olympics.

OFFICIAL OPENING CEREMONY

This most impressive ceremony was held at the new Entertainment Centre capable of seating 10,000 people. With a great deal of razzamataz the teams entered, each wearing their respective uniforms and led by one of their number carrying the national flag. The UK team was led by Ian Smith the Plumbing competitor, whose parents had travelled to Australia to see the competition. It was estimated that 8,000 persons were in attendance to welcome the first Skill Olympics to be held in the southern hemisphere.

A very slick programme had been produced of music, drama and dancing, particularly directed towards young people. Soon everybody was caught up in the excitement of the event and a buzz of enthusiasm invaded the vast arena. A wave of nostalgic national pride was generated as each team entered the centre, country by country and filled to their seats to rousing applause.

Finally, we were honoured by the presence of the Australian Prime Minister, the Hon. R J Hawke, who welcomed the competitors to Sydney and wished them well. He was particularly pleased that we would witness something of the Australian bicentenary celebrations.

THE COMPETITION

A great deal of work was carried out by the experts and shopmasters to ensure the individual competition areas were ready, particularly as the hall was only partially completed. Congratulations are due to the Australian teams of technicians and assistants who worked excessive hours to complete the tasks so that the competition could begin on schedule.

In addition to the above times competitors were allocated breaks for refreshments and several hours were made available for installing their work places, and to become acquainted with machines and equipment.

During the period of competition an air of intense industry existed, each competitor beginning cautiously by examining the instruction and contents of the exercises, planning the programme of work and moving towards the more active aspects with professional skill and a sense of urgency. Throughout the working sessions experts were

Twenty Four hours were allocated to the competition distributed as follows:-

Time	Date				
	17	18	19	20	21
08.00 - 09.00		B			
09.00 - 10.00		C	C		
10.00 - 11.00		C	C	C	C
11.00 - 12.00		C	C	C	C
12.00 - 13.00		C	C	C	C
13.00 - 14.00		L	U	N	C
14.00 - 15.00		C	C	C	C
15.00 - 16.00	A	C	C	C	C
16.00 - 17.00	A	C	C	C	D
17.00 - 18.00	A			C	E
Working Time (Hours)	-	6.5	6.5	6.5	4.5
TOTAL			24		
A: Setting-up working time D: Joint review B: Introduction to work E: Packing up of tools C: Competition					

vigilant to ensure each competitor had every opportunity to operate without interference and every phase of the exercise observed for marking purposes. Taking of photographs by viewers were restricted to set days and interviews for camera crews and the media were only conducted under supervision.

A well equipped and professionally staffed media unit was operational throughout the entire competition. Also teams of language student interpreters were available at each stand to assist with any communication problems that arose.

On Thursday, 18th February, Diplomatic representatives from member countries toured the competition and Dennis F Smedley, Bicentennial Liaison Officer of the UK Consulate attended accompanied by Skill-UK Chairman, Eric Tindall.

Having completed four action packed days of working under hot tense conditions competitors had a few days of relaxation while experts completed their marking tasks and committees discussed and approved results to be announced at the closing ceremony.

HOSPITALITY

A very interesting programme of excursions and official receptions was organised for everybody involved with the competition, scheduled to fit in with the schemes of work as appropriate. In addition free travel passes were provided by the Australian Organisation enabling everyone to explore Sydney and its beautiful Harbour.

Jury Experts for effective operation of the competition and the UK gained FOUR additional Jury Experts by the upgrading of OC Experts to full Jury Experts in four skills.

SUMMARY OF UK COMPETITORS AND EXPERTS

Competitors	26
Full Jury Experts	
40%x26=10.4; allowed next highest	=11
Add 2 for new skills (Nos. 32 & 37)	= 2
Add 4 OC Experts (upgraded Nos. 17, 23 & 30)	= 4
Total Jury Experts	
(Nos. 1, 2, 11, 14, 16, 17, 20, 21, 22, 23, 25, 26, 29, 30, 31, 32, 33)	17 17
Remaining OC Experts (Nos. 6, 7, 15, 19, 24, 34)	6
Competitors without Experts (Nos. 18, 27, 37)	3

Jury Commission Presidents (Technical Delegates) checked that in the trades for which they were responsible, all competitors were born **on or after 1.1.1967**. It was also necessary to check that no competitor had competed previously in the International Skill Olympics.

The pressure on competitors from visitors was particularly intense with approximately 120,000 visitors in the four days and the constant attention of cameras, press and TV. While vast numbers of visitors ensure good publicity of the Skill Olympics and the presence of BBC TV enable the UK team to have good news coverage in UK, it was nevertheless correspondingly difficult for Jury members to uphold full security and prevent unauthorised entry to the Competition area. Jury members are required by the Trade Descriptions to ensure that fair and safe practices are maintained in the competition area and that the work area is kept clean and tidy. Once again, Technical Experts found that the need to ensure every aspect of the competition was completed, limited time available for discussion on the Trade Descriptions except in the case of a few trades. Review of Trade Description/Skill Categories is essential in the light of development in technology and techniques in the trade.

5. **MARKING AND RESULTS** With the competition over, the finished test pieces were displayed for final check and marking on the basis devised by the International Technical Committee.

When the results were announced, the UK Technical Delegate and the Technical Experts immediately recognised that a significant improvement across most skills had occurred. Although subject to further analysis, it seemed fairly clear that the UK result in terms of medals won and diplomas earned was a measure of better selection of competitors, better final preparation and training after selection and the increased team-spirit and confidence created by the two week-end residential courses organised for both competitors and technical experts in the final three months before the Competition.

INTERNATIONAL COMMITTEE MEETINGS

The General Assembly, consisting of the Official and Technical Delegates of each participating country, the Chairmen of the Administrative and Technical Committees, the Secretary and the President who is chairman, is required in accordance with the rules to approve the competition arrangements before the IYSO can officially commence. Therefore a meeting was convened to take place on Sunday 14 February when a full report of the arrangements was given by the chairman of the Technical Committee and approval given.

A second meeting of the General Assembly was held on Tuesday 23 February to receive reports from the Administrative Committee which met on Monday 22 February and the Technical Committee which met on Tuesday 23 February. At this meeting approval was given to the awards recommended by the Technical Committee. Other business dealt with at this final International General Assembly included Appointment of Auditors, updating of Rules and Trade Descriptions, receiving a report on the arrangements for the 30th IYSO to take place in UK and Approval of the Budget. Admission was granted to Finland to become a member of the organisation and to participate in the next competition.

Finally, the Chairman expressed the appreciation of the committee to the Australian Organisation for the excellent arrangements which contributed considerably to the success of yet another IYSO. He also thanked everyone who had attended the competition in whatever capacity for their loyal support and looked forward to meeting them all again in Birmingham in 1989.

UNITED KINGDOM TEAM OF COMPETITORS 1988

No. and Skill	Name	Home Town	Employer
1 Fitting	D James GORNALL	Preston	British Aerospace PLC Preston, Lancs.
2 Press Tool making	John WILKINSON	Oxford	Austin Rover Group Oxford
6 Turning	Stephen WALKER	Poulton-le-Fylde	British Aerospace PLC Preston, Lancs.
7 Milling	Raymond GIBBS	Oxford	Molins Tobacco Machinery Limited, High Wycombe
11 Wood-Pattern-making	Mark GOODWIN	Stoke-on-Trent	JD & DJ Goodwin Stoke-on-Trent
14 Sheet-Metalwork	Robert ELSBY	Bedworth	Park Sheet Metal Co. Coventry
15 Plumbing	Ian SMITH	Donington	Gordon Smith Builder Donington Nr. Spalding
16 Industrial Electronics	Mark REED	Alton, Hants.	MOD (Procurement Executive) Farnborough
17 Radio & TV Repair	Steven WOOD	Birmingham	Radio Rentals Birmingham
18 House Wiring	Andrew FITCH	Gonalston	Arthur Ford Ltd. Nottingham
19 Industrial Wiring	Nigel BROOKS	Nottingham	Brunton Elect. Wiring Services, Nottingham
20 Bricklaying	Paul DAVIES	Shrewsbury	M L Davies, Shrewsbury
21 Stone Masonry	Paul BLAKE	Bristol	John Mowlem PLC Brentford
22 Painting & Decorating	Graham RUSSELL	Musselburgh	Rolland Decorators Edinburgh
23 Plasterwork	Jonathan FIRTH	Carmarthen	E Firth Carmarthen
24 Cabinet Making	Michael HANSON	Halifax	Windsor House Antiques Leeds
25 Joinery	Mathew ROHAN	Malton	Heppel Chancel Shop- Fitting Ltd. York
26 Carpentry	Gerald CRITTENDEN	Bristol	City of Bristol Direct Works Dept. Bristol
27 Jewellery	Jason STEVENSON	London	E Wolfe & Co. Ltd. London
29 Ladies' Hair Dressing	Anita KHANDKE	Lidlington	Verde Hair Stylist Bedford
30 Men's Hair Dressing	E Gary TAYLOR	Brighouse	Ed. Taylor's Hair Stylists Brighouse
31 Ladies' Dress Making	Katherine FORSTER	Hitchin	Woolworths PLC. London
32 CNC Machining	Jason BRIDGE	Nottingham	ROF Nottingham
33 Auto Mechanics	Andrew DELANEY	Sutton Coldfield	Thomas Startin Ltd. Birmingham
34 Cookery	Carl BONTTOFT	Hull	The Golf View Hotel, Nairn
37 Plant Mechanics	Richard BRYANT	Ashford	Drake & Fletcher Ltd, Ashford, Kent

COMPETITOR'S PROFILES

No. 1 Fitting *D Jim Gornall*

Jim was a winner in the Moore and Wright 'Best of British' National Competition sponsored by Neill Tools. He received three months extra training at the Apprentice Training School, British Aerospace, Preston, and practised test pieces at EITB Training Centre, Sheffield, under competition conditions. During the Competition he worked with determination and skill but his finished test piece, although outstandingly good in some features, failed to hold most primary tolerances.

No. 2 Press Toolmaking *John Wilkinson*

John won the Toolmaking Section of the 'Best of British' National Competition. He studied at the Oxford College of Further Education, Cowley, where he gained City & Guilds Toolmaking Parts 1 and 2, C&G Robotics and CNC (Computer Numerical Control) Course. He received six months off job training and preparation of tools and four months (two days per week) fitness training programme. He was one of four finalists in EITB 'John Foster Award'. John worked carefully and paced himself well. His test piece in Sydney was the best his Expert had seen produced in UK, but was still not up to Asiatic accuracy.

No. 6 Turning *Stephen Walker*

Stephen was the winner of the 1986 and 87 'Best of British' National Competition. He attended the Blackpool and Fylde College of Further and Higher Education where he pursued Tec 4, Mech/Manufacturing. He continues to study and attended lectures at College even the day before leaving for Australia. He received four weeks intensive training in his Company's Training School. He is a keen Scout Leader and was selected for 'Operation Raleigh'. Stephen showed that he had the mental and physical toughness for the International Competition. His skill rating was high but lack of attention to fine detail cost him marks. Fatigue took its toll on the last day. He gained a Diploma for excellent work and came fifth in his group skill.

No. 7 Milling *Raymond Gibbs*

Raymond was the winner in the Milling Section of the 'Best of British' National Competition. He studied at the Buckinghamshire College of Higher Education, High Wycombe, and gained City & Guilds Parts 1, 2 and 3 with distinction. He was EITB Craftsman of the Year - John Foster Award. He is now undertaking the Master Craftsman Certificate. He spent one week at the Milling specialist Company of Deckel Limited, Stratford-upon-Avon, one week at Clarksons Cutters, one week at Britool - Skill-UK company training programme three weeks, quality inspection and control one week at Company. During the Competition he

worked with confidence, just elements of stress shown once or twice because of minor errors. Raymond's test piece was 0.05mm outside tolerance. He had a good temperament and was forever cheerful.

No. 11 Wood *Mark Goodwin* *Patternmaking*

Mark won the National Patternmaking Competition in 1987 and then came out on top in a play-off against the 1986 winner. He studied at Sandwell College and gained City & Guilds Patternmaking Craft Studies, Part 1 (distinction) and C&G 211 Patternmaking Craft Studies Part 2. He is currently taken C&G Part 3 at Sandwell College. He was given continual experience on new pattern-work within the Company (owned by his Father). Prior to the National Competition, Mark won the Lancashire Branch (Institute of British Foundrymen) Competition when his test piece could not be faulted. Mark worked well, but stress and the pressures of so many visitors to the Competition, took its toll on the first day. He came to terms with this, however, and completed his test piece on time. He was very co-operative and has a pleasing personality.

No. 14 Sheet Metalwork *Robert Elsby*

Robert was the 'Best of British' winner in both 1987 and 1988. He studied at the Wolverhampton Polytechnic and gained a National Certificate in Fabrication and Welding B/TEC and Higher National Certificate in the same subject B/TEC. Robert had three months leave of absence from his Company and followed a training programme (drawn up by his Expert) at Midland Group Training, Coventry, and EITB, Sheffield. He settled well to the Competition and completed his test-piece but lost marks because it was just outside the tolerance. Robert is currently pursuing a Degree Course in Business Studied at Wolverhampton Polytechnic.

No. 15 Plumbing *Ian Smith*

Ian was the winner of the JIB National Competition. He studied at the Boston College of Further Education, where he gained an Ordinary Craft Certificate in Plumbing in 1985 and City and Guilds Advanced Craft Certificate in Plumbing with four distinctions and one credit in 1986. Ian did five weeks extra training at Boston College and had close liaison with the Education and Training Officer of the Joint Industry Board for Plumbing who was also his Expert at the Competition. Ian put in a dedicated performance at Sydney, best illustrated by the fact that despite being affected by heat he kept going until the very last minute and then collapsed with exhaustion. This attitude paid off and he was awarded a Bronze Medal.

No. 16 Industrial Electronics *Mark Reed*

Mark was the winner of the Industrial Electronics National Competition which was held at the EITB Training Centre, Croydon. He also attended a final stage interview by a Panel held at the Institution of Electrical and Electronics Incorporated Engineers, London. He attended the Farnborough College of Technology and has a Higher National Certificate Award from B/TEC. Initially Mark found it difficult to adjust to International Competition conditions, but once adjusted worked well. He was awarded a Diploma of Merit for excellent work, missing out on a medal by the theory questions.

No. 17 Consumer *Steven Wood* *Electronics*

Steve was the winner of the Radio, Television and Electronics Examination Board National Competition which was held at the Granada Rentals Training School in April 1987. He attended the Mathew Boulton Technical College and gained City and Guilds 224 Electronics Servicing Parts I, II and III with distinctions and City and Guilds Course 224 - silver medal. He received two days practical training at South Bristol Technical College with his Expert plus two further days at the Ministry of Defence Aquilla Training Centre. Steve's temperament was excellent to stand up to the stresses and strains of competing internationally but the test piece appeared not to reflect current practice in the actual trade.

No. 18 House Wiring *Andrew Fitch*

Andrew was Skill-Build 87 winner in the skill of Housewiring. He attended the Peoples College of Further Education, Nottingham, and gained City & Guilds 236, Parts 1 and 2, and C Certificate gaining distinctions throughout in every subject. He also has C&G Certificate in Electronics. He won the Electrical Contractors Gold Medal, the Peoples College 'Thomas Earp Bequest Cup' for Practical Ability and the Nottingham Society of Engineers Trophy. Andrew is currently pursuing a B/TEC B3 course - Higher National Certificate in Electrical Engineering. He received pre-competition training at College and various training centres. In Sydney, he adapted quickly to competition conditions, producing excellent work for which he was awarded a Bronze Medal.

No. 19 Industrial Wiring *Nigel Brooks*

Nigel was the winner in the Industrial Wiring section of Skill-Build National Competition held in Leeds in July 1987. He attended People's College of Further Education, Nottingham and gained City and Guilds 236 Parts I and II with three distinctions in Part II. Nigel received extra training at College and Training Centres. In Sydney he performed extremely well, quickly adapting to the conditions and gained a Diploma of Merit for excellent work.

No. 20 Bricklaying *Paul Davies*

Paul was the Skill-Build 1987 winner in the skill of brickwork. He attended the Shrewsbury College of Arts and Technology and obtained a City and Guilds Craft Certificate. He won several other local brickwork competitions and Building Exhibition Competition 1987. The area for the brickwork skill in Sydney was in direct sunlight and this fact caused Paul to succumb to sunstroke and he was removed to the sick bay. (Sunblinds were eventually erected to correct this.) Despite this illness Paul returned to the stand working up to 7.30pm and making an early start the following morning. His courage and determination was admired by all and Paul was awarded the 'Hill Award' which is presented to the UK Team member contributing most to the Team effort.

No. 21 Stonemasonry *Paul Blake*

Paul was the winner in the Stonemasonry section of the Skill-Build National competition via the Inter-Cities Competition both run by the Stone Federation. He studied at Bath College of Further Education where he gained City & Guilds Craft and Advanced Craft Certificate with distinction in both. He was given four weeks extra training at the College. Paul had a first class attitude towards the Competition and worked well throughout, previous experience in competitions serving him well. He produced an excellent test-piece and was awarded a Gold Medal, being the outright winner.

No. 22 Painting and *Graham Russell* *Decorating*

Graham was a winner in the Painting and Decorating section of the Skill-Build National Competition which he reached by means of regional and national competitions. He studied at Telford College, Edinburgh, where he gained the City and Guilds Final in Painting and Decorators' work. Graham received five weeks extra training at College. As a result of winning Skill-Build he was awarded a Crown Paints sponsored visit to America. After a hesitant start at the International Competition Graham got into his stride and he produced some excellent work. He was awarded a Bronze Medal.

No. 23 Plasterwork *Jonathan Firth*

Jonathan won the Plasterwork section of Skill-Build National Competition via a six hour competition at Brunel Technical College, Bristol. He studied at West Glamorgan Institute of Higher Education, Swansea, where he gained City & Guilds Craft Certificate 1985, CGLI Advanced Craft Certificate 1986. He won the Tyzack Silver Trowel 1986 and CGLI 1st prize Silver Medal. Jonathan received three weeks extra training in College plus two weeks on site training. He had a good competition temperament and produced an excellent test piece, gaining a Silver Medal.

No. 24 Cabinetmaking Michael Hanson

Michael won the cabinetmaking section of the 1987 Skill-Build National Competition. He studied at the Jacob Kramer College, Leeds, and gained City & Guilds No. 555 Furniture Craft Certificate in Stages one, two and three, being awarded distinctions in practical course-work in both stages two and three. He received two weeks extra training at the College plus one week at the Bucks College of Higher Education. Employment difficulties just before leaving for Australia caused Michael some problems. He worked very well despite the heat and pressures and produced a good test piece.

No. 25 Joinery Matthew Rohan

Matthew was the winner of the Joinery section of Skill-Build 1987 National Competition through a regional eliminating test at Darlington March 1987. He attended the Leeds College of Building where he gained City & Guilds Craft Certificate Shopfitting with three distinctions, GCLI Advanced Craft Certificate Shopfitting with one distinction and two credits, passed 600 series GCLI Bridging Course for B/Tec. Skill-Build Joinery Gold Medal, Best Apprentice Shopfitter for Yorkshire and Humberside 1985/86 and first prize Great Yorkshire Show Woodworking Competition in 1986 and 1987. He received four weeks training sponsored by NJCBI/CITB/Employer, one week in each month, September, October, November and December 1987 at Leeds College of Building. Matthew was a keen and dedicated worker at the Competition and produced a good project to a high standard. He won a Bronze Medal.

No. 26 Carpentry Gerald Crittenden

Gerald was the 1986 and 1987 winner of Skill-Build National Competition. He studied at Brunel Technical College, Bristol, gaining City and Guilds Craft Certificate with distinctions and CGLI Advanced Craft Certificate with distinctions and was a Medal Winner. He is continuing his TEC and HTEC Building studies. Gerald received four weeks intensive training at Brunel College. Gerald performed very well in Australia and the work he produced was excellent. Unfortunately he was just unable to complete his test piece despite working with diligence and skill. He was awarded a Diploma for excellent work.

No. 27 Jewellery Jason Stevenson

Jason was the winner of a selection test in jewellery which was held at the Sir John Cass College in October 1987. Six trainees took part in this test from the Birmingham, West Country and London areas. Jason studied full time at the Sir John Cass College where he successfully completed City & Guilds Craft and Advanced Craft courses. He received extra pre-competition training from his Expert during the evenings. Jason's temperament seemed to suit the Competition atmosphere in Sydney and he worked well.

No. 29 Ladies' Hairdressing Anita Khandke

Through College Competitions, Area Competition and a National Final where the first three places were selected to go forward to a Final Selection at Coventry in September 1987, Anita, achieving first place in each event, won her place in the UK Team for Australia. She studied at Barnfield College, Luton and achieved City & Guilds Examinations in Hairdressing and Beauty. She was a National Prize Winner in 1986 and 87 and represented Great Britain at World Championships in Italy in 1986. She had extra training several times a week and also intensive training with members of the senior British World Cup Team. She showed determination and skill at the International Competition which was most commendable because of the continuous crowds of spectators which are always present at the hairdressing stands. Anita produced excellent work and was awarded a Silver Medal.

No. 30 Men's Hairdressing Gary Taylor

Gary gained his place in the UK Team through area finals and the national final in Blackpool in March 1987. He studied at the Percival Whitley College, Halifax, and gained a City and Guilds Hairdressing Certificate. He represented UK in a student team for Verona Hairdressing World Championships in 1986 and won many other national awards. A competition programme was organised with Gary's father (his employer) and he also received extra training in Bristol with his Expert. Gary worked very well throughout the Competition in Australia despite heat and crowds of spectators and it was obvious that he had prepared himself in advance. His excellent work merited a Silver Medal.

No. 31 Ladies' Dressmaking Katherine Forster

Katherine won the 'Go for Gold' National Competition for dressmaking which was held at Coventry Technical College in September 1987. She studied at the London College of Fashion taking City & Guilds 450 and 465 in Clothing. Katherine received extra training at the London College of Fashion. Her temperament suited the Competition conditions and she worked extremely well throughout. For her test piece she was awarded a Bronze Medal.

No. 32 CNC Machining Jason Bridge

Jason was the winner of a written examination and then a practical test at Boxford Machine Tools, Halifax. CNC Machining is a new skill for the International Competition. He studied at Peoples College of Further Education and Trent Polytechnic, Nottingham, gaining B/TEC in Mechanical and Production Engineering and CNC Advanced Programming. He was given extra training at Boxford Machine Tools. Being a new skill, various difficulties arose with the machinery and there were frequent stoppages which added to the general stresses experienced in international competitions.

However Jason came to Australia well prepared and worked well.

No. 33 Auto Mechanics Andrew Delaney

Andrew was selected through RTITB Skills assessment and certain theoretical papers. Sixteen competitors entered finals practical test. He studied at West Bromwich College of Commerce and Technology gaining City and Guilds 380 with two distinctions and C&G 381, also with two distinctions. Andrew received three weeks extra training at RTITB, MOTEC. He worked extremely hard throughout the days of the Competition in very high temperatures. When he had one or two minor setbacks, his personality was such that he did not let this deter him and went on to produce excellent work for which he was awarded a Gold Medal having attained the highest marks for his skill.

No. 34 Cookery Carl Bontoft

Carl was selected through a national competition. He studied at Beverly College of Further

Education, Nr Hull and gained City & Guilds 706, 1 and 2. He received extra training at the Plough and Harrow Hotel, Birmingham, Roux Bros Pastry Kitchen, London, and at the Birmingham College of Food. Carl worked very hard and produced some good work, just missing a Diploma of Merit.

No. 37 Plant Mechanics Richard Bryant

Richard was the winner of a national competition organised by the British Agricultural and Garden Machinery Association Ltd (BAGMS). He studied at the South Kent College of Technology, passing his City and Guilds course No. 015 examinations. Having completed his registered apprenticeship he is now a qualified agricultural engineer. Richard received extra pre-competition training at the Ford Motor Company, a Government Training Centre for machining experience and also training on agricultural machinery with John Deere Limited. Richard worked very hard at Sydney, but the heat and tension took its toll. Despite feeling ill he persevered with his task until forced to retire on medical advice.



The Skill-UK team at the 29th IYSO, Sydney with, centre:— John Barnes, Director-General, City & Guilds; Tom Clements, Deputy-Chairman of CITB; Eric Tindall, Chairman of Skill-UK; John Armstrong, Chairman of the RTITB and Chris Hodgson, RTITB Director of Training. Also far right centre, Archie Sharkey, Team Leader and front row right Bill Norris, Director of Skill-UK.

SKILL-UK COMMITTEES – FEBRUARY 1988

THE COUNCIL

T E Tindall	Chairman and UK Official Delegate
R A Arculus	UK Technical Delegate
W Bosley	Hon Treasurer
W W Norris	Director/Secretary
P Whaley	Chief Executive
M M Allmond	Hotel & Catering Industry Training Board
D Bartley	Electrical Contractors' Association
A R Bullough	City & Guilds of London Institute
E J Coupland	The Joint Industry Board for Plumbing Mechanical Engineering services in England and Wales
K Cure	Trade Union Congress
G F Elliott	National Joint Council for the Building Industry
H F Gadd	Engineering Industry Training Board
R W Gilbert	Engineering Employers West Midlands Association
C C Hodgson	Road Transport Industry Training Board
J D Maiden	Construction Industry Training Board
M Prosser	Trade Union Congress
C A Thompson	'89 Committee Chairman

'89 ORGANISING COMMITTEE

C A Thompson	Chairman
R J Andrews MBE	Industrial Panel
R A Arculus	UK Technical Delegate
W Bosley	Skill-UK Hon Treasurer
I R Credland	Services Panel
R Culver	Electrical Panel
W A G Easton	'89 Hon Treasurer
J Frisby	Transport
L Judge	Catering
DMD McMillan	Construction Panel
W W Norris	Skill-UK Director
D Shaw	Mechanical Panel
A Sharkie	Co-ordinating Team Leader
T E Tindall	Skill-UK Chairman
P Whaley	Skill-UK Chief Executive

FINANCE & GENERAL PURPOSES COMMITTEE

T E Tindall	Chairman
R A Arculus	
W Bosley	
R Bullough	
W A G Easton	Hon Treasurer, '89 Committee
R W Gilbert	
W W Norris	
A C Thompson	
P Whaley	

SELECTION AND TRAINING COMMITTEE

R A Arculus	Chairman
G E Clayton	Hon Member
T G Davies	Co-opted
G Grainger	Electrical Panel
D Knowles	Industrial Panel
W W Norris	
T E Tindall	
G Vaughan	Services Panel
F Wilson	Construction Panel
P K Woodland	Mechanical Panel

PUBLICITY GROUP

T E Tindall	Chairman
R A Arculus	
G F Elliott	
P Hennessey	Henley College, Coventry
T Hiron	B/TEC
A Hughes	Building Employers Confederation
J Lomas	Manpower Services Commission
W W Norris	
A A W Sich	City & Guilds of London Institute
C A Thompson	
P Whaley	

TECHNICAL EXPERTS

Fitting	P K Woodland*
Toolmaking	R Savage
Turning	K Glassbrook
Milling	T G Davies
Wood Patternmaking	D Lakin
Sheet Metal Work	K Cooper
Plumbing	L E Croft
Industrial Electronics	G Grainger
Consumer Electronics	D Graham
Industrial Wiring	D Bartley
Bricklaying	G Hedges*
Stonemasonry	P Ellis
Painting & Decorating	C Payne*
Plastering	J Scott
Cabinetmaking	G Webber
Joinery	F Wilson*
Carpentry	J Nattress*
Ladies' Hairdressing	P Cloake
Men's Hairdressing	C Vokins*
Garment Production	G Vaughan
CNC Machining	M Portway
Auto Mechanics	D Knowles
Cookery	A Saxon

* denotes 'Chief Expert'

HON MEMBERS

F D Hill MBE
W G Thorpe CBE
G E Clayton

TABLE 1
AWARDS BY COUNTRIES

G = Gold Medal S = Silver B = Bronze D = Diploma

SKILL		Austria	Australia	Bermuda	Brazil	Switzerland	Germany	Spain	Ireland	France	Liechtenstein	United Kingdom	Japan	Korea	Macao	Holland	New Zealand	Portugal	Papua, N/Guinea	Taiwan	USA
No.	Title																				
1	Fitting	B	D				D						B	G						S	
2	Press Toolmaking	D					D		D				G	S						B	
3	Instrument Making													G						S	
5	Engineering Drawing		D			B	D		D		S		D	G						S	
6	Turning	D	S			D						D	D	G			D			S	
7	Milling		D						D				G	S		D				B	B
8	Construction Steelwk.		D			B	D		G	D				S		D				D	
9	Welding (Gas)		B						G					G						B	
10	Welding (Electric)		B				D		D				D	G		D		D		S	
11	Wood Patternmaking	B				D	G						G							D	
13	Panel Beating												B	G						S	
14	Sheet Metalwork		D				D			D		D	G	B						G	
15	Plumbing		S			D	D		D			B		G						B	
16	Industrial Electronics		S			B	D					D	G	D						D	B
17	Consumer Electronics													G						G	B
18	Commercial Wiring											B	G	S						B	
19	Industrial Wiring	D	G			D	S		B		D	D								B	
20	Bricklaying		G			D	B		D	S	D	D		D							
21	Stonemasonry		S									G	B								
22	Painting & Decorating		D				G					B		S		B					
23	Plasterwork						D			G		S		B							
24	Cabinetmaking		D			S	D			S				D		D	D			G	
25	Joinery	D				D	D		S	B		B		G		D		D		D	
26	Carpentry					G	D		D	D		D		D		G				B	
27	Jewellery	G	S											S		D					
29	Ladies' Hairdressing	G	D				D					S		D		D				S	
30	Men's Hairdressing	G	D									S				B					
31	Garment Production	B	D									B	D	G						S	
32	CNC Machining	S					B							G		B					B
33	Automotive Mechanics		G				B		D			G	D	D						D	D
34	Cookery	D	B			G			D		G					D					
35	Waiting	G	D			D	S		D		S			D							
36	Graphic Arts													B						G	S
37	Plant Mechanics		G			S				B						D					
Medals Total		8	12			7	7		4	5	3	10	9	21		4				19	5

TABLE II
POSITION OF UK COMPETITORS FOR EACH SKILL

No.	Skill Title	Competitor	Marks (Max 600)	Position	Gold Medal Mark	Total Entries	Award
1	Fitting	D J GORNALL	487	10	547	14	—
2	Press Toolmaking	J I WILKINSON	486	9	557	12	—
6	Turning	S P WALKER	514	5	549	15	Diploma
7	Milling	R GIBBS	483	10	554	13	—
11	Wood Patternmaking	M GOODWIN	484	7	536	10	—
14	Sheet Metalwork	R ELSBY	505	7	533	10	Diploma
15	Plumbing	I B SMITH	520	3	555	12	Bronze
16	Industrial Electronics	M A REED	511	6	546	13	Diploma
17	Consumer Electronics	S WOOD	479	5	542	6	—
18	Commercial Wiring	A FITCH	516	3	548	9	Bronze
19	Industrial Wiring	N D BROOKS	502	6	546	13	Diploma
20	Brickwork	P A DAVIES	509	5	555	12	Diploma
21	Stonemasonry	P BLAKE	551	1	551	9	Gold
22	Painting & Decorating	G RUSSELL	515	3	543	8	Bronze
23	Plastering	J P FIRTH	528	2	543	7	Silver
24	Cabinetmaking	M D HANSON	494	9	537	12	—
25	Joinery	M J ROHAN	519	3	552	14	Bronze
26	Carpentry	G CRITTENDEN	500	7	533	12	Diploma
27	Jewellery	J STEVENSON	481	5	545	7	—
29	Ladies' Hairdressing	A KHANDKE	526	2	532	10	Silver
30	Men's Hairdressing	E G TAYLOR	539	2	549	9	Silver
31	Garment Production	K FORSTER	520	3	540	9	Bronze
32	CNC Machining	J M BRIDGE	457	8	539	9	—
33	Automotive Mechanics	A DELANEY	522	1	522	10	Gold
34	Cookery	C BONTOFT	499	7	542	14	—
37	Plant Mechanics	R J BRYANT *	445	6	536	6	—

* Retired on medical advice

TABLE III

Position of Participating Countries based on **Total Medals Won** and **Points Attained** (Gold=3, Silver=2, Bronze=1) compared with maximum possible number of entries.

	Position		Medals Awarded				Results			
	By Medal Total	By % Points	Gold	Silver	Bronze	Total	Total Entries	Max Poss. Entries	Points Att-ained	%
KOREA	1	1	12	6	3	21	34	102	50.0	
TAIWAN	2	2	4	8	7	19	27	81	43.2	
AUSTRALIA	3	6	4	5	3	12	34	102	24.5	
UNITED KINGDOM	4	8	2	2	5	10	26	78	19.2	
JAPAN	5	7	6	—	3	9	30	90	23.3	
AUSTRIA	6	3	4	1	3	8	17	51	33.3	
GERMANY	7	11	2	2	3	7	27	81	16.0	
SWITZERLAND	7	9	2	2	3	7	23	69	18.8	
FRANCE	9	5	1	2	2	5	11	33	27.3	
USA	9	12	—	1	4	5	17	51	11.8	
HOLLAND	11	13	1	—	3	4	23	69	8.7	
IRELAND	11	10	2	1	1	4	18	54	16.7	
LIECHTENSTEIN	13	4	1	2	—	3	8	24	29.2	
BERMUDA	—	—	—	—	—	—	5	15	—	
BRAZIL	—	—	—	—	—	—	8	24	—	
MACAO	—	—	—	—	—	—	6	18	—	
NEW ZEALAND	—	—	—	—	—	—	18	54	—	
PAPUA, NEW GUINEA	—	—	—	—	—	—	11	33	—	
PORTUGAL	—	—	—	—	—	—	11	33	—	

TABLE IV
Best of Nation Awards

Country	Competitor	No.	Title	Mark	Position	Award
Austria	INFELD Andreas	30	Men's Hairdressing	545	1	Gold
Australia	PERRYMAN Stephen	20	Bricklaying	555	1	Gold
Bermuda	O'BRIEN Dennis	34	Cookery	477	10	—
Brazil	SIQUEIRA Netto Evanil	7	Milling	495	9	—
France	LEBLANC Eric	23	Plasterwork	543	1	Gold
Germany	REBEL Klaus	22	Painting & Decorating	543	1	Gold
Holland	DOMHOF Peter	26	Carpentry	534	1	Gold
Ireland	MAHER Kevin	8	Constructn. Steelwk	544	1	Gold
Japan	MUKO Yoshikasuu	2	Press Toolmaking	557	1	Gold
Korea	KIM Yoeng-Soo	15	Plumbing	555	1	Gold
Liechtenstein	REAL Hubertos	34	Cookery	543	1	Gold
Macao	IEONG Mengum	34	Cookery	468	11	—
New Zealand	BURBOROUGH Timothy	6	Turning	510	6	Diploma
Papua, New Guinea	ELLIE Elisa	15	Plumbing	471	10	—
Portugal	SOUSA Martins Paulo	25	Joinery	505	9	Diploma
Switzerland	FASSBIND Othmar	34	Cookery	542	1	Gold
Taiwan	SU Hsien-Bi	36	Graphic Arts	551	1	Gold
United Kingdom	BLAKE Paul	21	Stonemasonry	551	1	Gold
USA	CONSALVES Greg	36	Graphic Arts	517	2	Silver

