Jim. Your copy.

Confidential

A/1/1

Notes of international committee meeting, Gibraltar 30 May 1994

(Observer, Horace Knight, Hong Kong)

1. **Taipei minutes**

   Accepted.

2. **CAD/Engineering drafting (5)**

   Brian Cave's trade description accepted.

3. **Fitting (1)**

   Revised trade description accepted.
   MTTA to be advised

4. **Turning (6) and Milling (7)**

   Manual and CNC elements each about 50% but UK and F concern expressed and wish to delay to 97. To go ahead including CNC. Request for technical details to be circulated at least six months before Lyon. CNC (32) to be developed as CAM as a demonstration trade in St Gallen - AUS, CDN, CH, D, NL, ROC, UK and USA interested. Austrian/German working group to develop a proposed trade description by Lyon committee meeting; UK offer of help. No decision on age.
   Tactful letter required to MTTA re 6 and 7 as well as CNC and CAD. Consult Ray Prosser and Mike Portway. Do they wish to make any submission re CAM before receiving the A & D draft? See also 2 diagrams attached.

5. **Welding (9/10)**

   A (now received) and AUS proposals very similar; A to put together. Plasma cutting to be removed.

6. **Consumer electronics (17)**

   USA have incorporated comments into newly-issued trade description. Better title Consumer Applications. To be amalgamated with Industrial Electronics eventually. No UK competitor.

7. **Cabinet making (24)**

   Accepted but minor UK linguistic corrections passed to Secretariat.

8. **Joinery (25)**

   Accepted.

9. Carpentry (26)

Taipei trade description to stand. FIN proposal rejected but to be revised, possibly as a new and different trade (construction carpentry?) for the future. AUS and C to assist.
UK 'experts' to contact working group if considered necessary.

10. Agricultural mechanics (37)

Concern that introduction of heavy automotive mechanics might reduce entries. Possibly combination of two trades eventually. 'Excellent job by UK' in producing trade description for heavy automotive mechanics. Numbers indicate both to take place in Lyon, but heavy automotives as official demonstration only. (46)

11. Other trade descriptions

Secretariat to issue by end October 1994. UK pointed out house wiring (18) only received in German.

12. Telematics (42)

Presentation by J Brederveld, BVE, NL. Service engineers, using computers to fix problems, team of two, maximum age 25, competitors from companies with local area networks, communications including satellites. NL to run a demonstration competition in November 1994 and national in March 1995. Interested parties to be invited, details via Secretariat. In UK, BT/Mercury/Banking/Insurance/PO? Brederveld contact David Skillen, Birmingham TEC, other names to be sent. Demonstration trade for Lyon -AUS, CDN, F, NL.
UKS to contact David Skillen, sectoral expert and relevant Board member(s) to assess possible UK interest in participation.

13. Process operator (43)

Demonstration trade in Lyon : AUS, NL, SA.

14. Tinsmith (47)

F proposal. Effectively a roofing sheet metal worker; insulation sheet metal worker (44) similar. No interest in either.

15. Car sprayer (45)

Demonstration trade : AUS, CDN, CH, J, NL, SA, USA (7). F to be helped to organise by NL. NL to invite others to national competition.

16. Shopfitting (46)

No knowledge of source of proposal. No interest.

17. Building trades co-operation

Secretariat information on international organisation for building trades meeting at present in Gulf. To be approached? - No.

18. Lyon demonstrations

(a) **Car sprayer (45)** - yes. Seven competitors, see item 14.

(b) **Heavy automotive mechanics (48)** - yes. AUS, CDN, F, K, NL, UK, USA (7).

(c) **Refrigeration techniques (49)** - official demonstration : AUS, CH, F, L, NL, SA, UK, USA. Updated trade description on way from Secretariat.
Inform Roger Bradley.

(d) **Telematics (42)** - yes. AUS, CDN, F, NL (4). See paragraph 12 above.

(e) **Process operator (43)** - yes. AUS, NL, SA (3).

(f) **Die making for plastics (51)** - yes. AUS, CDN, F, UK (4). Trade description agreed by press tool making experts in Taipei accepted for Lyon.
Letter to MTTA.

(g) **Bakery (50)** - F national demonstration.

(h) **IT** - to become an official trade, number later. AUS, CDN, F, IoM, K, NL, NZ, UK, USA (9).
Inform Peter Neate and Brian Kington.

19. Ladies' Hairdressing (29)

Standing Commission had considered the problems of several new young experts, marking mistakes (not affecting overall result), chief expert's lack of leadership. Form 6 to be simplified and new assessment methods to be used. FIN and UK expressed dissatisfaction that a system of 'blind' judgement had not been adopted.
UKS to consult own experts in due course and if necessary raise issue again at Lyon committee.

20. Chief experts

(a) Report on 'chief experts no longer to be nominated' was withdrawn after 2 mistakes had been identified.
JDGH letter to AUS to enquire re grounds for suggested exclusion of one UK chief expert.

(b) UK checklist - useful. Proposals for amendment requested by end 1994.
Produce updated version for Lyon if significant suggestions received.

(c) New nomination form. Allows for the requirement for more information on professional qualifications. Copies will be sent by Secretariat later.

(d) **Nominations by 31 December 1994.**

21. **Experts' nomination form**

New form noted. UK comment passed to Secretariat that heading 'Details on activities' be changed to 'Previous professional and competition experience'.

22. **Provisional registration for Lyon**

Form submitted. Graphic Design (36) only six entries - to be deleted. Agricultural mechanics (37) previous concern regarding overlap with heavy automotive mechanics unfounded. Form for official trades attached, that for demonstrations to follow.

23. **Lyon briefing**

(a) Video shown. Copy requested, all to receive.

(b) Technical document produced in provisional form.
Comments at March meeting.

(c) Programme amendment : competitors arrive Monday 9 October, closing ceremony Wednesday 18 October, depart Thursday 19 October.

(d) Eurexpo can easily accommodate all trades on site, 30 minutes maximum from centre of Lyon. Hotels in city, several required each for competitors (2 star) and experts (3 star) who will be separated by the river. Official and technical delegates planned to be all together but requests for co-location with experts can be made.
UKS to consider its preference.

(e) F safety law applies. More detail at next meeting; also more on insurance cover for every incident covering everyone.

(f) Order form requesting samples and equipment details for all trades involved passed to Alain Borjon.

(g) Concern over sponsorship by F companies (FF2M) and exclusivity of company names, logos, hats, toolboxes etc. Details to follow.

(h) Travel and freight company details obtained. Brochures for visitors who should book soonest. Air France are sponsors but unlikely to fly direct UK-Lyon.

(i) National electrical sockets can be provided but work station positions will have to be known in advance. Positions to be determined at March meeting.
Forms requesting numbers of sockets per trade to be completed by March.

24. **Objective selection of test projects**

Discussion of methods used to select test project and more ways of preventing less demanding or progressive ones being excluded. The meeting accepted JDGH's suggestion that the experts should first

identify all those which were acceptable and then select the actual project to be done by lot. The rest would go into the bank. This system not suitable for all, therefore other options are selection of clear favourite or combination of several projects. One of three options to suit circumstances and trade. To be considered again at next meeting.
UK to oppose the 'clear favourite' option.

25. **AUS survey**

Welcome response. Matters highlighted included 51% of experts served over four years and 38% more than eight - what's the best balance? Figure 10 (attached) shows opinions expressed on the requirement for change by trade, a guide for jury presidents in Lyon. AUS proposed a similar survey for all future competitions but not at AUS expense. Cost 5000 to 6000 $AUS but some in kind. To General Assembly for decision.

26. **BIC programme**

Full explanation. Copyright with IVTO. Countries can acquire for about CHF 5000.
The BIC programme Question and Answer document is to be considered for issue to experts for briefing meeting.

27. **Central storage of test projects on CAD**

To be introduced in Lyon for selected trades - especially those which are not in a state of flux or where the project is related to the location.

28/29 **1993 accounts and 1993 budget**

1993 loss covered by reserves.

30. **Appointment of auditor**

AUS and N.

31. **Montreal 1999/Sydney 2000**

Technical aspects highlighted. Concern over floor space but both maintained this could be overcome. Montreal £18m, July/August 1999. Sydney February 2000. Decision for General Assembly who decided on Montreal 14 to 13 with one abstention.

32. **Briefing for General Assembly matters**

Nothing.

33. **Miscellaneous**

(a) US electronics training standards study.
To be completed by 1 July.

(b) Test pieces completed in Taipei for industrial electronics (16) not returned to competing nations as promised. ROC to check.

(c) SA offer to host 1996 conference (agreed by General Assembly later). Request to be called Southern Africa and to include Mauritius and Tanzania, who compete in SA national competitions - for Standing Commission. Technical Committee supported request to continue to allow minimum age of 25 for blacks and to allow black technical observers at next competition - to General Assembly (not discussed but SA consider it accepted).

(d) **Test projects for both automobile mechanics trades to F and IRL by 1 October.** Equipment details for heavy vehicle trade shortly. Rough draft obtained.
Dennis Knowles to be informed. UKS to select experts asap.

(e) Dates for Lyon meeting for decision by General Assembly. Between 13 March and 3 April 1995. **(GA decision 25-30 March).**

Miscellaneous UK Skills Points

1. **Sheet Metal (14)**

Ken Cooper's note about the Taipei Jury's recommendations for changes could not be pursued because we had no evidence that the changes had been so agreed.
Note for future: Experts must obtain photocopies of amendments agreed by their jury.

2. **Industrial Electronics (16)**

Similarly, no evidence that this jury had made the submission.

3. **Marking performance of UK Experts in Taiwan**

Cees Beuk advised JDGH privately that most trades did not show deviancy, but of those which did:

Patternmaking (6)	Lakin	better than .9 OK
Painting & Decorating (22)	Groutage	.77 next to worst (.74)
Cookery (34)	Griffiths	.80 - best with two others but scores went as low as .62 or .63
Waiting (35)	Saxon	.70 worst (IRL next worst with .71)

Also because of possible criticism of Croft (Plumbing 8) checked his score which was .99, excellent as all others in that trade.
Conclusion: **Do not re-employ Groutage or Saxon as experts, the latter for other reasons too.**

Other points from **General Assembly 2 June 1994**

1. Mechatronics to be official trade as well as IT.

2. New members, Philippines and Sweden.

3. ROC to discuss with PROC name of country within IVTO then consult Standing Commission. (Problems with ILO, UNESCO, advertising, etc.). JDGH advised Mr Tan privately that UK could not continue to support ROC's position which was now effectively depriving young people in Hong Kong, PROC and possibly elsewhere, of the chance of participating in IVTC.

mps\a-1-1\notes.tc

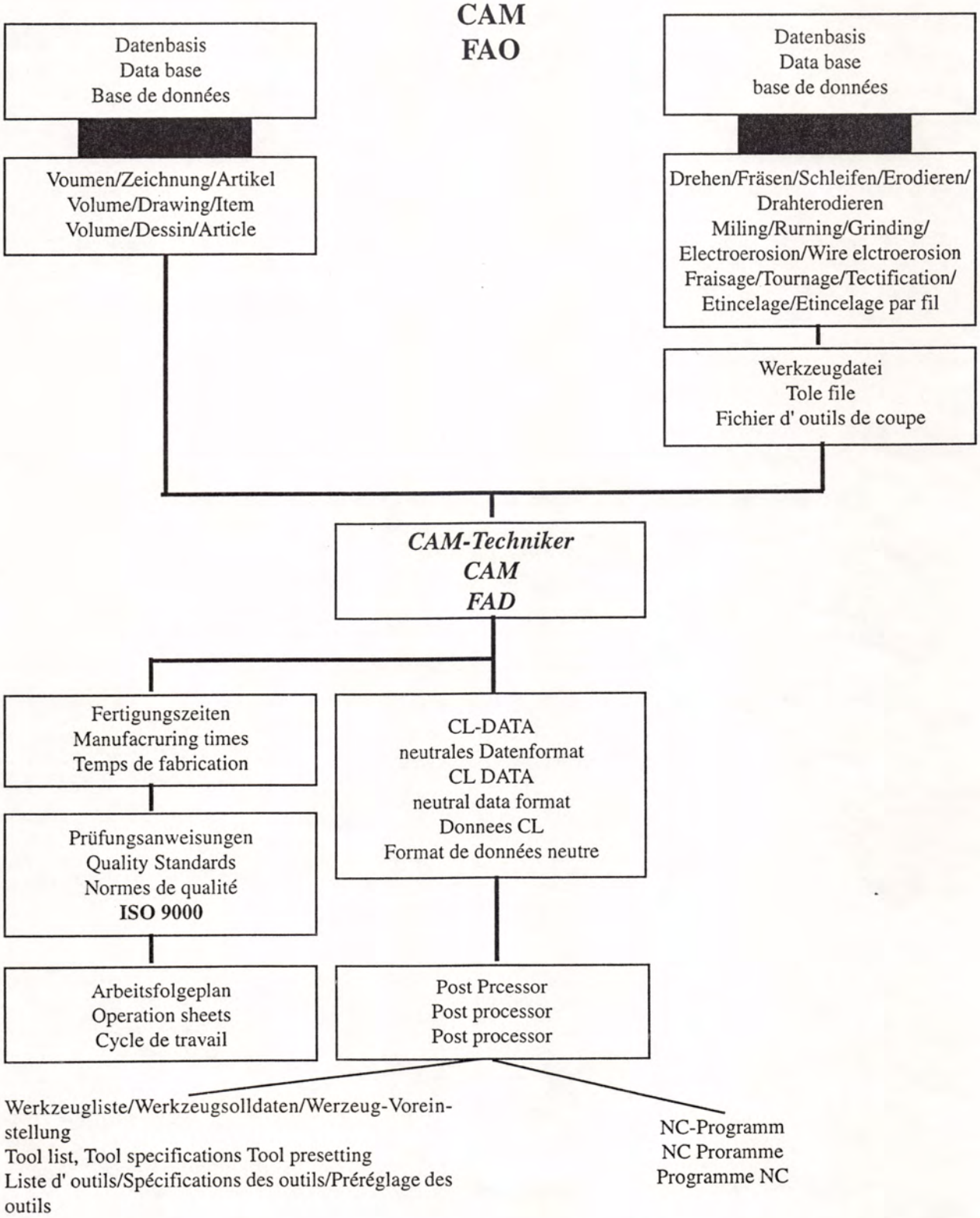
Organisation internationale chargée de promouvoir la formation professionnelle et les concours internationaux de formation professionnelle destinés à la jeunesse

International Organisation for the promotion of vocational training and the International Youth Skill Olympics

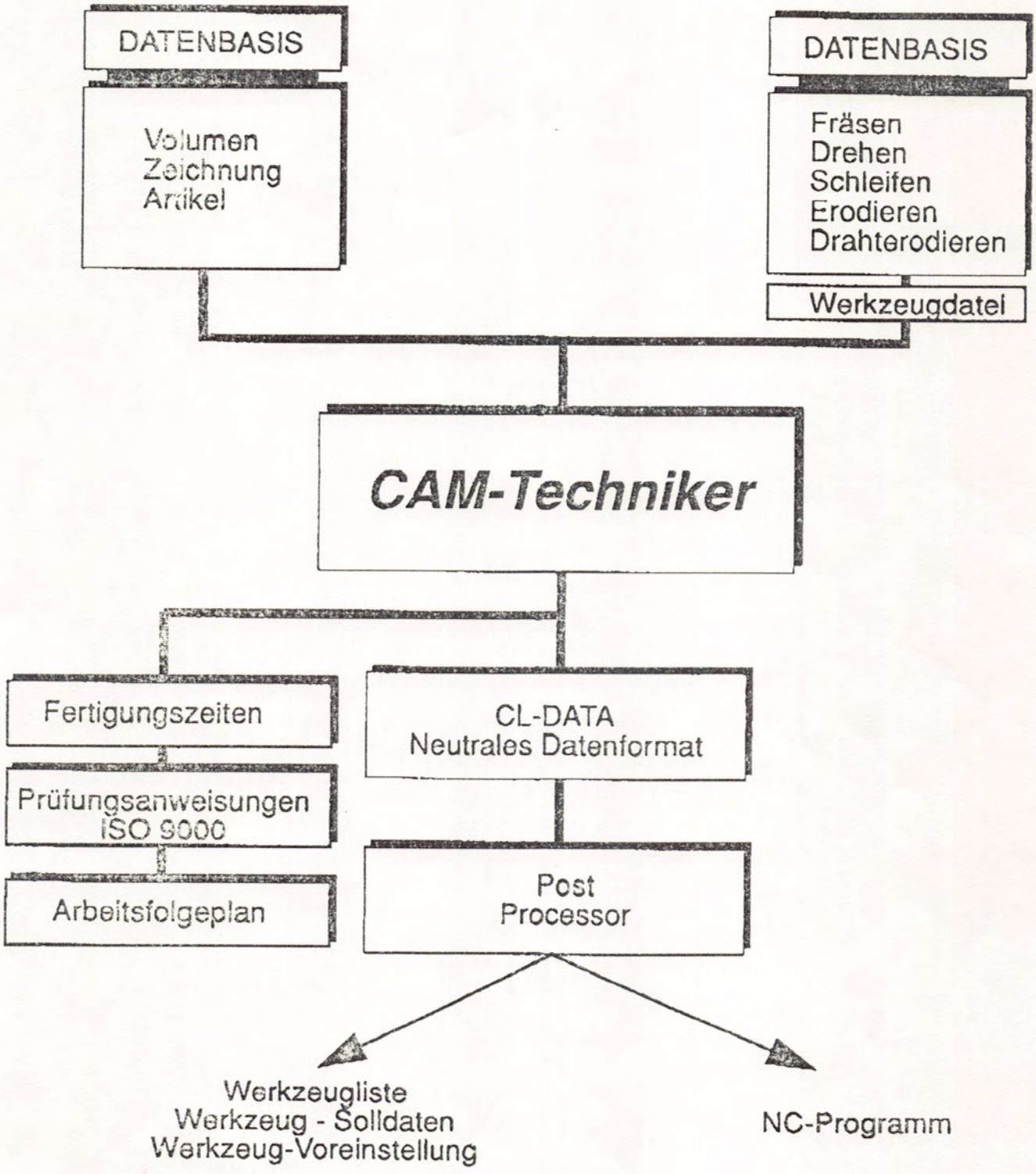
Internationale Organisation zur Förderung der Berufsbildung und der Internationalen Berufswettbewerbe für die Jugend

Secretary-General: Daniel Sommer, Im Zentrum 11, CH-8604 Volketswil; Phone: 41-1-945 26 77, Fax: 41-1-945 26 85

CAM
CAM
FAO



CAM-Techniker



Simulation

Fertigung

25.2.94
betr. oec. Gasser Reinhard

1995 C.DN I.V.T.C. Countries LYON

	A	AUS	BR	€	CH	CN	D	F	FIN	FL	GIB	IND	IOM	IR	IRL	JP	K	LU	M	MY	N	NL	NZ	P	PHY	SA	SE	SG	ROC	TH	UK	USA				14.4.94	
	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e	c/e		
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2	XO	XO	XO		X		XO	XO							XO	XO	XO			XO		XO		XO				XO	XO						14	13
3			XO				XO	XO								XO	XO					XO		XO					XO						8	8
4		▬O			▬O	▬O	▬O	▬O	▬O								▬O				▬O	▬O	▬			▬O		▬O	▬O		▬O					28	13
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7	XO	X			XO	XO	XO	X	XO	X			X		XO	X	XO			XO		XO				XO		XO	XO		XO	XO				19	16
8		X			X			XO							XO	XO	XO					XO	X			XO			XO		XO					11	8
9																															XO	XO					
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11		X			X		XO	XO								XO	XO			XO		XO				XO			X		XO					11	8
12		X			XO		XO	XO								XO	XO			XO		XO							X		XO	XO				11	9
13		XO			XO	XO		XO								XO	XO					XO				XO			X		XO					10	9
14		X			X		XO	XO							XO	XO	XO						X	XO		XO			XO		XO					12	9
15	XO	XO			XO	XO	X	XO		XO					XO	XO	XO			XO			XO	XO		XO			XO		XO					16	15
16		X	XO		XO		XO	XO							XO	XO	XO	XO		XO		XO	XO	XO				XO	XO		XO					15	14
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18		X	XO		X	XO		XO		XO					XO	XO	XO	XO		XO	XO	XO	XO	XO		XO			X		XO					17	15
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21	X	X			X		XO	XO								XO	XO												XO		XO					9	6
22	XO	XO					XO	XO	XO	X					XO	XO	XO	XO			XO	XO							XO		XO					14	13
23		X					XO	XO							XO	XO	XO					XO							X		XO					9	7
24	XO	X			XO		XO	XO							XO	XO	XO	XO		XO		XO	XO			XO			XO		XO	XO				16	15
25	XO	XO			X		XO	XO			X		X		XO	XO	XO			XO		XO	X	XO					XO		XO					16	12
26		XO			XO		XO	XO	XO	XO	X				XO	XO	XO					XO	XO						XO		XO					14	13
27	XO	XO						XO								XO	XO					XO	XO			XO			X		XO					10	9
28																																					
29	XO	X			XO	XO	XO	X	XO		X		XO				XO	XO			XO	XO	XO	XO		XO			X		XO	XO				19	16
30	XO	X			X		XO	XO	XO		X					XO	XO	XO			XO	XO				XO			X		XO					15	11
31	XO	XO						XO	XO							XO	XO			XO		XO	XO						XO		XO					11	11
32																																					
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34	XO	X			XO		XO	XO	XO	X					XO	X	O	XO	XO	XO	XO	XO	X	XO				XO	X		XO	XO				20	16
35	XO	XO			X		XO	XO	XO	X					XO		XO			XO	XO	XO	XO	XO				XO	XO		XO					17	15
36			XO		XO	XO		XO									XO												XO							6	6
37	X				XO			XO							XO		XO	XO				XO							XO		XO					9	8
38																																					
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Total	18	14	32	16	9	9	26	15	14	13	27	26	35	34	15	14	9	4	4	–	6	3	22	22	27	27	35	34	11	11	18	18	10	9	30	29	22	15	12	12	20	19	9	8	35	22	30	29	11	11	484	412

Figure 10

Skill category	Consensus exists: Maintain 'status quo'	Consensus exists: Update category	Lack of consensus
Engineering and Metal			
1. Fitting			✓
2. Toolmaking			✓
3. Instrument Making	✓		
5. Engineering Drawing		✓	
5A. CAD			✓
6. Turning			✓
7. Milling			✓
8. Construction Steelwork	✓		
9. Gas Welding		✓	
10. Electric Welding			✓
11. Wood Patternmaking	✓		
14. Sheetmetal Work	✓		
32. CNC Machining			✓
Building and Construction			
12. Wall and Floor Tiling	✓		
15. Plumbing			✓
20. Bricklaying	✓		
21. Stonemasonry	✓		
22. Painting and Decorating	✓		
23. Plastering	✓		
24. Cabinetmaking	✓		
25. Joinery	✓		
26. Carpentry			✓
Electrical and Electronic			
4. Mechatronics		✓	
16. Industrial Electronics			✓
17. Consumer Electronics			✓
18. House Wiring			✓
19. Industrial Wiring		✓	
Automotive and Vehicle			
13. Autobody Repair			✓
33. Automotive Mechanics		✓	
37. Agricultural Mechanics			✓
Hospitality			
34. Cookery			✓
35. Waiting	✓		
Service			
27. Jewellery	✓		
29. Ladies Hairdressing			✓
30. Mens Hairdressing			✓
31. Ladies Dressmaking	✓		
36. Graphic Arts	✓		
Demonstration-Info Technology		✓	
Total:	15	6	17

Gibraltar Decision

Decided to adopt new TD
Add Die making demo

New TD agreed

50%:50% Manual/CNC Adopted

Agreed new TD 16

To consider modifying to CAM.

Not discussed at Gib

Keep existing, develop new construction carpentry trade?

?

Further consideration
Amended TD adopted.

No discussion

?

Discussed but mainly a marketing problem

To run as official competition

Figure 10

(Significant majority)

Skill category	Consensus exists: Maintain 'status quo'	Consensus exists: Update category	Lack of consensus
Engineering and Metal			
1. Fitting			✓
2. Toolmaking			✓
3. Instrument Making	✓		
5. Engineering Drawing		✓	
5A. CAD			✓
6. Turning			✓
7. Milling			✓
8. Construction Steelwork	✓		
9. Gas Welding		✓	
10. Electric Welding			✓
11. Wood Patternmaking	✓		
14. Sheetmetal Work	✓		
32. CNC Machining			✓
Building and Construction			
12. Wall and Floor Tiling	✓		
15. Plumbing			✓
20. Bricklaying	✓		
21. Stonemasonry	✓		
22. Painting and Decorating	✓		
23. Plastering	✓		
24. Cabinetmaking	✓		
25. Joinery	✓		
26. Carpentry			✓
Electrical and Electronic			
4. Mechatronics		✓	
16. Industrial Electronics			✓
17. Consumer Electronics			✓
18. House Wiring			✓
19. Industrial Wiring		✓	
Automotive and Vehicle			
13. Autobody Repair			✓
33. Automotive Mechanics		✓	
37. Agricultural Mechanics			✓
Hospitality			
34. Cookery			✓
35. Waiting	✓		
Service			
27. Jewellery	✓		
29. Ladies Hairdressing			✓
30. Mens Hairdressing			✓
31. Ladies Dressmaking	✓		
36. Graphic Arts	✓		
Demonstration-Info Technology		✓	
Total:	15	6	17

× exception.

discussion in committee

– discussion.

– to be looked at.

— ×

— ×

— ×