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# Draft Minutes of X3J14 Meeting #13

*ANS Forth Technical Committee  
August 21-25, 1990, Burnaby, British Columbia  
Doc. no: X3J14/90-010*

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## **Call to Order**

The chair extended thanks to Jack Brown for hosting this meeting. The president of the British Columbia Institute of Technology greeted the committee.

The chair greeted the visitors from the Vancouver area. Mr. Rible acted as secretary until Mr. Tracy arrived. The attendance list is document 90-011.

The minutes were approved unanimously. The agenda was accepted.

## **Action Item review from Meeting #12:**

1. No action was taken by vendors on implementing locals.
2. Dennis Ruffer has talked to several people about writing the comparison to Forth-83. Wil Baden is a possible candidate.
3. Mr. Zettel has mentioned to Mr. Spialter that we are using his notation.
4. CBEMA doesn't care about style or format of standard. Mr. Rash gets a gold star for researching this issue.
5. Mr. Zettel talked with Mr. Tracy and Mr. Dickens. He still wishes some help mastering WORD 5.0
6. CBEMA's copyright notice was obtained and distributed.
7. Mr. Forsely's press release was written and revised, was lost and is being reconstructed.
8. Mr. Forsely has paid Mr. Moore's bill.
10. BASIS 12 was posted on GENIE.
11. The chair wrote to Harris Semiconductors and thanked them for Mr. Hand's help at the last meeting.
12. Mr. Bailey drafted the LOCALs proposal, which was sent out as a letter ballot and passed.

## **Documentation Committee Report**

BASIS 12 was accepted unanimously, subject to comments below.

TP-450.2, TP-569.1, and TP-569.2 were entered into BASIS incorrectly, and need to be backed out. Meeting dates will be updated in BASIS and the membership list will mark "current" those who are current voting members.

The chair thanked Mr. Forsely for finding computer rental money for Mr. Zettel.

## **Logistics Committee Report**

The Detroit meeting is November 7-10. It was moved to begin the meeting one day early, on November 6th. Mr. Betts was asked to supply the 1991 schedule by the November meeting.

## International Committee Report

Mr. Shaw declined to be the International representative. The chair asked for volunteers.

## Technical Committee Report

There are 105 outstanding proposals, 79 of which were received on the first day of the meeting.

## Other Business

It was decided to restructure BASIS at this meeting, starting Friday. Dave Petty, representing Boston FIG, submitted a written motion to amend our scope of work. This motion was heavily debated, amended and passed. The chair will submit the revised document to X3 and distributed along with BASIS13 to members and subscribers.

This time we posted BASIS, albeit late, on electronic bulletin boards. Someone wanted to convert it to a .RTF file. The copyright is in the "read me" file associated with the document. Mr. Brown suggested we could add a notice asking people not to distribute in any other form. It was so moved.

Mr. Petty asked if vendors would be receiving a free copy of BASIS. Ms. Rather will only send to those on the ongoing mailing list, and only if BASIS is available at least four weeks before the meeting so that people have a reasonable opportunity to respond to the document. Mr. Zettel led a hurrah to the chair for taking intelligent action on this.

Several IEEE members noted that the joint membership arrangement appears not to be working, as CBEMA is billing them for dues and disavows knowledge of free membership for IEEE members. Mr. Tracy agreed to investigate this matter.

## Action on Technical Proposals

TP-224A	SCAN>	failed 0/9	
TP-351	Omnibus Z	failed 0/9	
TP-354	?DO	withdrawn	
TP-454	Compile Token	failed 2/7	
TP-465	What is Truth?	failed 0/9	
TP-468A	Syntax and Semantics	passed 9/0	
TP-475	Standard Words	failed 0/8	
TP-478	Control Flow	failed 0/9	
TP-515A	Backslash	passed 9/0	
TP-529	FP Word Set	failed 0/9	
TP-539	LOCAL Variables	failed 0/9	
TP-540	Local Data Types	failed 0/9	JB letter
TP-541	String Operations	failed 0/9	JB letter
TP-544A	Code Fragments	passed 9/0	
TP-549	Forth is Interactive	passed 9/1	
TP-604	Local Words	failed 0/9	JH letter
TP-619	Only Implementation Defined	withdrawn	
TP-620	Unified Stack Notation	withdrawn	
TP-624	Size of Word Sets	failed 0/8	AK letter
TP-625	Make all Extensions Removable	withdrawn	
TP-637A	Clarify "Semantics"	passed 10/0	
TP-649	Char Manipulation	withdrawn	
TP-654	Rename RECURSE	failed 0/9	JH letter
TP-659	Locals	failed 0/9	JH letter

TP-663	Moving Words from the Core Word Set	failed 4/5	
TP-665A	Fetch and Store IEEE	passed 7/2	
TP-668A	Packed Strings	passed 9/0	
TP-670	Move [ ' ] and [CHAR] to Extended Core	withdrawn	
TP-673A	Removal of Excess Words	passed 7/2	
TP-675A	Change "Precision" to "Cell"	passed 10/0	
TP-676	Put D+ etc with the Other Double...	passed 8/2	
TP-678	A Portability Word Set	failed 0/9	AK letter
TP-682	Replace VAL Words with QUAN Words	failed 0/9	AK letter
TP-683	Locals	withdrawn	
TP-685	Generalize Section 3.5	withdrawn	
TP-690A	Revise Definition of 5.2.3, Minima	passed 9/0	
TP-710	Delete FDEPTH	failed 0/8	
TP-717A	Sparse Edits	post	
TP-718A	Content Determination	passed 10/0	
TP-729	FP Stack	failed 1/8	
TP-732A	Purpose of the Standard	passed 9/0	
TP-735	Re-simplify DOES >	passed again as post	
TP-737	Define What, not How	post	
TP-738	Names for Signed Division Primitives	withdrawn	
TP-739	Deprecate Forth-79 Division	withdrawn	
TP-740	Unsigned Division	withdrawn	
TP-741	Positive Divisor Floored Division	withdrawn	
TP-742A	Signed Multiplication Primitive	passed 10/0	
TP-743	Delete */ and */MOD	withdrawn	
TP-752A	Compliance with Accepted Practice	passed 0/7	
TP-754	Data Structure	failed 0/10	JH letter
TP-757	FP Number Notation	failed 1/8	JB letter
TP-758	Shootout at the OK Corral	now a comment	
TP-759A	Reorganize BASIS Section 7 ...	passed 10/0	
TP-760	Organize Core Word Set	failed 2/7	
TP-762	Negative Division	passed 7/2	
TP-763	Make >IN Consistent with #TIB	passed 10/0	
TP-764	String words characters and AU's	post	
TP-765A	LEAVE is Broken	passed 10/0	
TP-767A	One's and Two's Complement ALU's	passed 9/0	
TP-768	Floored/Symmetric	now a comment	
TP-769A	Removal of Words...	passed 9/0	AK letter
TP-770	Removal of Words from the Core ...	failed 0/9	AK letter
TP-771	Removal of Words from the Core ...	failed 0/9	AK letter
TP-772	Removal of Words from the Core ...	failed 0/9	AK letter
TP-774	Clean Up Data Space Definition	failed 1/8	
TP-775A	Clean Up Definition of Standard Word	passed 9/0	
TP-776A	Clean Up Text String Definition	passed 9/0	
TP-777A	Character String	passed 9/0	
TP-778	Cleanup Code Space Definition	post	

TP-779	Word Sets and Levels	passed 9/0	
TP-781A	Improve Definition of Word Set	passed 9/0	
TP-784	Unrelated Parts	post	
TP-785A	BASIS 12 Section 4 Sweep	post	
TP-788	Remove <b>PERFORM</b>	passed 8/1	
TP-790A	No Separate FP Stack	withdrawn	
TP-791	Remove <b>LEX</b>	two-weeked	
TP-792	Remove <b>PARSE</b>	recommited	
TP-793	Replace <b>RECURSE</b> with <b>SELF</b>	failed 0/9	
TP-794	REM for Symmetric Division	failed 0/9	
TP-797	Allow State-Smart Words	failed 0/9	
TP-800A	Use <b>EXT</b> as a Prefix...	post	
TP-801	Eliminate <b>?DO</b>	withdrawn	
TP-802	Eliminate <b>EKEY</b> and <b>?EKEY</b>	withdrawn	
TP-809A	Remove <b>FAR</b> Memory Wordset	passed 7/2	
TP-811	Eliminate <b>FOR</b> and <b>NEXT</b>	failed 0/9	
TP-813	<b>SM/MOD</b> and <b>FM/MOD</b>	passed 8/0	
TP-814A	Improve Division	passed 7/1	
TP-815A	Improve Double Division	passed 7/1	
TP-816A	Keep FP Stack	passed 7/1	
TP-817	Get 641 In!	post	
TP-818	Fix Search Wordset	post	
TP-819	Fix BASIS12 <b>CMOVE</b> , <b>CMOVE&gt;</b>	post	
TP-820	Help <b>LEX</b>	failed 0/9	JB letter
TP-821A	Add to Add	passed 9/0	
TP-823A	Let's Get Tight 1	post	
TP-824A	Let's Get Tight 2	post	
TP-825A	Let's Get Tight 3	post	
TP-827A	Let's Get Tight 5	post	
TP-828	Post	withdrawn	
TP-830A	Improve Some Words in <b>BLOCK</b> Word Set	post	
TP-834	Restructure <b>BASIS</b>	withdrawn	
TP-835	Add Increment Operator to <b>EXT CORE</b>	post	
TP-836	<b>U/MODP</b>	failed 2/7	
TP-840	46% of <b>NOT</b>	withdrawn	
TP-845	Name Consistency	passed 9/0	
TP-847A	Delete <b>M/MOD</b> and <b>M/</b>	passed 9/0	
TP-848	Move Single-Length Signed Division...	failed 2/7	
TP-850	B12 Fixups Post 1	post	
TP-851	B12 Fixups Post 2	post	
TP-852	B12 Fixups Post 3	post	
TP-853A	<b>2 /</b> and <b>D2 /</b> with Negative Numbers	passed 8/1	
TP-854	Cleanup Stack Pictures	post	

**Action Items**

1. Mr. Tracy will call Mr. Forsely and Mr. Shaw to clarify the joint status of IEEE on the ANS committee. Mr. Zettel also suggested we contact his friend Mr. Fred Bolling, who is on the board of ANSI.
2. Mr. Tracy will get Wil Baden's flowtree font to Dave Harralson, and Wil's control flow rationale to Heidi for eventual inclusion in the rationale section.
3. The chair will remind everyone that we will be meeting at 8 A.M. at the next meeting, as Ford Motor Co., our host, requires that all buildings close early.
4. The Logistics committee will supply the 1991 schedule by the next meeting.
5. The chair will write a letter of thanks to the B.C.I.T. for their help and excellent facilities at this meeting.
6. The chair will submit the revised Statement of Work to X3.

**Burning Issues**

Count	Issue	Magnet(s)
6	Cleanup/inconsistency	Everyone
4	Files (and BLOCK files)	JR
4	Rationales	
	Input stream	MT
	Wordlists	??
4	Input stream	MT
3	Environment interrogation	MB
3	BCD and sign magnitude	MT
3	Appendices	ER
3	Word name conflicts	DC GB ER
3	Relocatability	DC
1	Forth-83 upwards compatibility	RB
1	Arithmetic	RB

**Next Meeting**

The Detroit meeting is November 6-10 (it was agreed to begin one day early). Meetings will begin each day at 8 A.M.

It was recommended that people stay over Saturday night, as air fares will be substantially reduced. There is expected to be a tour of the robotics center during Tuesday's lunch.

The chair noted that it was difficult to obtain a quorum at this meeting, and urged all members to attend the next meeting.

**Adjournment**

There being no further business, the meeting was adjourned.