Draft Minutes of X3J14 Meeting #8

ANS Forth Technical Committee
May 3-6, 1989, Boston, Mass.
Doc. no: X3J14/89-006

Call to Order

Ms Rather welcomed the X3J14 Technical Committee and established that a quorum was present. There were 15 voting members present. The attendance list is document 89-007. Mr. Tracy is an observer at this meeting. Mr. Duncan sent a letter explaining his absence, and Mr. Bailey sent a list of comments on technical proposals.

The minutes of X3J14 Meeting #7 were corrected and adopted as amended. The agenda for this meeting was approved unamended by voice vote.

Action Item Review From Meeting #7

1. The BASIS is now date stamped.
2. The mailing list was corrected.
3. Ms. Rather has written to the Forth Standards Team.
4. Mr. Tracy called Mr. Rodriguez.
5. We have clearly been in contact with Boston FIG, and they have ordered a number of BASIS's from us.
6. $30 annual subscription has been well received. 30 copies have been sold, 10 of them subscriptions, including Palo Alto Shipping Company, Miller Micro Systems, plus groups and individuals in Taipei, England, Australia, Canada, etc.
7. Done.
8. Done.

The burning issues from the last meeting were reviewed. Ms. Rather pointed out X3/SD-9 has been sent out and that we can expect that X3 will expect our dpANS to conform to it. Mr. Nemeth questioned how the requirements concerning comparisons with prior standards could be applied to new standards. Ms. Rather suggested we consider Forth-83 to be an existing standard.

Logistics Committee Report

Mr. Shaw suggested that the next meeting could be in Hawaii rather than Berkeley. Mr. Stevenson suggested Reno, Nevada. Ms. Rather reminded us that there is a very active Northern California FIG group. In the following discussion it developed that airfares to Hawaii can be gotten almost as cheaply as airfares to San Francisco, but that they sell out early. The August meeting is July 26-29, probably in Berkeley, with Mr. Shaw as the host. The following meeting is October 25-28, in Washington, D.C., with Don Colburn hosting. Ms. Rather will investigate a Hawaii site for the January 1990 meeting. It was noted that interested Japanese and other Pacific Rim guests could be accommodated.

Documentation Committee Report

Mr. Dickens reported that there was no concordance, and that the BASIS was three weeks late. He recommends that we not accept late entries to BASIS, and that Mr. Braithwaite be taken out of the loop. We need a general plan to go from BASIS to dpANS, as soon as technical issues are covered. Refer to the SNAP document in the two-week mailing.

BASIS 7 was adopted 14/0.

Research Committee Report

Mr. Nemeth reported that both field trials failed to launch. Mr. Colburn has lost interest in forming the local variables document. Neither Mr. Sanderson nor Mr. Bailey have been able to handle the compilation issue packet. Furthermore, the Palo Alto Shipping Company was the only volunteer outside of this committee. Mr. Shaw said he had a list of several hundred volunteers through ACM.

Mr. Tracy moved to cancel field trials and return all materials to the Technical Subcommittee. Passed 14/0.

Technical Subcommittee Report

Mr. Bailey was unable to attend this meeting. Mr. Tracy will be the TSC chair in his absence.

International Subcommittee Report

There was no International Committee report. Mr. Dorband has not yet succeeded in arranging sponsorship.

Other Business

Mr. Duncan, in his letter, stated his concern that we present a unified front in the face of criticism in the Northern Californian FIG community and on GENIE. Mr. Shaw felt that these criticisms were exaggerated and will not present a problem. This led to a general discussion on how to reach the Forth community. Mr. Hayes volunteered to write a column for Forth Dimensions explaining the technical aspects of the issues. This passed as a motion by voice vote. Mr. Kobziar moved that we make available at the Rochester Forth Conference a list of members willing to explain the issues directly on the phone. The following members volunteered:

Mr. Nemeth
Mr. Kobziar
Mr. Petty
Mr. Shaw
Mr. Keane
Ms. Rather
Mr. Betts

Mr. Keane was greatly concerned that documents sent after the two-week mailing have been acted on. He interpreted X3 documents to say that this deprived members not present at a meeting from their right to vote on an issue. Mr. Dickens called X3 and reported that only members present at a meeting can invoke the two-week rule. Mr. Dickens moved that all new proposals be automatically two-weeked. This motion failed 2/11. Mr. Keane invoked the two-week rule on everything. Ms. Rather ruled that it must be invoked on a case by case basis.

Action on Technical Proposals

TP#	Name	Status	Action
TP-055	Define Implememtation Options	withdrawn	
TP-56A	Generalize compilation	passed 14/0	
TP-069	Affirmative action plus	failed 0/14	

TP#	Name	Status	Action
TP-073	Tradeoffs	withdrawn	
TP-074	Define Forth control structures	withdrawn	
TP-075	Forth control structures	withdrawn	
TP-076	Forth control structures	withdrawn	
TP-077	Control structure options	withdrawn	
TP-078A	Unsigned division	failed 2/10	
TP-101	Multiple WHILEs	failed 1/12	TD letter
TP-102	Search order modifications	failed 0/15	DH letter
TP-109	WHILE	failed 0/15	
TP-110	DO-LOOP	failed 0/15	DH letter
TP-117	AGAIN	failed 1/14	
TP-118	THENCE	failed 2/13	
TP-119	YET	failed 1/14T	
TP-145	Dictionary concepts	failed 1/12	
TP-153	Clarifications to BASIS 4N	withdrawn	
TP-176	COMPILE and STC	withdrawn	
TP-182	Force issue on ASCII con	failed 0/14	
TP-190	Resource assignment	withdrawn	
TP-223A	Add COMPARE	passed 13/2	
TP-224B	Add SCAN and SCAN>	passed 12/3	
TP-225A	String extension SKIP SKIP>	passed 12/3	
TP-244	Make C, required	passed 15/0	
TP-254A	Add SKIP SCAN /STRING	passed 13/2	
TP-257A	Vocabularies	passed 13/1	
TP-258A	Vocabulary theory	passed 14/0	
TP-262	Data space specification	failed 1/14	
TP-265A	Cell alignment extension	passed 13/2	
TP-286A	Strengthen vocabularies	passed 14/0	
TP-287A	Complete ONLY-ALSO	passed 11/3	
TP-294	Mod of input stream	passed 11/1	
TP-295	Do we really need char	failed 0/15	
TP-299	Rename UNDO	passed 12/3	E.R letter
TP-302A	Char revisited	passed 15/0	
TP-303A	Revise appendix C; char set	passed 12/3	
TP-304	Remove implied ASCII	withdrawn	
TP-305	Remove implied ASCII	withdrawn	
TP-308A	Remove self-serving adjectives	passed 12/0	
TP-309A	Definitions	failed 2/13	
TP-311	Glossary notation	passed 14/1	
TP-312	7.0020 "	failed 2/13	
TP-314A	7.0149 +LOOP etc.	post-proposal	
TP-316	7.0450 :	passed 14/1	
TP-317	7.0470 ;CODE	passed 15/0	
TP-320	7.0930 CODE	passed 15/0	
TP-322A	7.1340 END-CODE	passed 15/0	
TP-323	YET again	failed 2/13	
TP-324	END	failed 3/12	

TP#	Name	Status	Action
TP-327	ANS Forth	failed 1/11	
TP-328	ascii	failed 1/11	
TP-329	BASIS7 typos	passed 12/0	
TP-330	Unconfuse "C" attribute	failed 0/12	
TP-331	Decouple : and vocabularies	failed 0/15	DH letter
TP-333	Full range CONVERT	passed 13/0	
TP-334	Double number syntax A	failed 0/12	
TP-335	Double number syntax B	failed 0/12	
TP-336	DIGITIZE	passed 11/1	
TP-338	Minima chars vs. bytes	passed 12/1	
TP-339A	Dual pronunciations	passed 11/1	
TP-340A	Dual pronunciations ABS	passed 11/1	
TP-341A	FVARIABLE FP stack	passed 12/1	
TP-342	Word name abbrev.	passed 10/2	
TP-344	Omnibus N	passed 10/2	
TP-345	Omnibus P	passed 11/1	
TP-346	Omnibus S	failed 2/11	
TP-352	PAUSE rationale note	passed 12/0	AK letter
TP-369	POSTPONE	passed 14/0	
TP-370A	Edit Concepts section	passed 12/	
TP-382	SNAP II passed 14/0		

Action Items

1. Mr. Hayes will write a portability discipline.

2. Mr. Hayes will write a column on technical issues to be submitted to Forth Dimensions.

3. Mr. Tracy will make a list of members who volunteer to give feedback to the Forth community. This list will go to Forth Dimensions and to the Rochester Conference.

4. Mr. Keane will be sent the proposals he is missing.

5. Ms. Rather will investigate a Hawaii meeting place for January 1990.

Burning Issues

Counts represent the number of TC members who could not approve BASIS as a dpANS unless the particular issue is resolved. Unless at least one proposal is already pending on an issue, the initials represent a member who has volunteered to prepare proposals addressing it.

Count	Issue	Status
8	Controlled reference word set	AK
7	Floating point	A/P
7	Flow of control	A/P
7	Compliance and labeling	TD
7	Restrictions on standard programs	JH
6	Number Conversion	A/P
5	Input stream	GS
5	Vocabularies	ER
5	Tutorial	??
5	Rationale	??
4	Implementation requirements	JS
4	ROMability	GS

Count	Issue	Status
4	Address spaces	AK
4	Exception handling	??
4	Meaning of word sets	??
3	Booleans	GBa
3	Multitasking	A/P
3	Local variables	DC
3	Quans/**VALUE**	A/P
2	Normative concepts	??
2	Strings	LF
2	**IMMEDIATE**	A/P
1	Parameter field	JH

Next Meeting

The next meeting is July 26-29, probably in Berkeley. Mr. Shaw is the host.

Adjournment

The eighth meeting of the X3J14 ANS Forth Technical Committee was adjourned at 6:00 P.M., on Saturday, May 6, 1989.

Submitted by: Martin Tracy, Secretary.