

Committee: ISO/IEC JTC1/SC22/WG11

Place: National Institute of Standards and Technology
Gaithersburg (MD), U.S.A.

Date: September 25 -27, 1995

Attendees:	Mr. Ed Barkmeyer	NIST, USA
	Mr. Kevin Harris	DEC, USA
	Prof. Katsuhiko Kakehi	Waseda University, Japan
	Mr. Dan Lozier	NIST, USA
	Mr. Brian Meek	King's College London, UK
	Mr. Paul Rabin	OSF, USA
	Mr. Willem Wakker	ACE, Netherlands (Convener)

1. Agenda (WG11/N413)

During the meeting an informal meeting with Mr. Brad Smith (secretary of TC184/SC4) will be held on the topic of the Express Language, and the bindings thereto.

The agenda was approved.

2. Minutes of Previous Meeting (WG11/N414)

The minutes were approved.

3. Convener Report

Report from the SC22 Plenary meeting, held in Annapolis on September 18-22, 1995.

- The SC22 chair noted that IS 11404 - Language-Independent Datatypes should be published soon: the JTC1 directives require the publication of an IS within 1 year after DIS ballot (which closed for LID on October 16 1994), otherwise there is the danger that a 2nd DIS ballot could be required.
- 2 resolutions regarding LIA-2 (on the title and on the combined CD registration and CD ballot) were adopted (see below).
- WG20 is currently revising TR 10176 (Guidelines for the Preparation of Programming Language Standards) to include special guidelines for the handling of character sets. In an informal email, and in a question during the Plenary, the issue was raised whether WG11 wants to add 'new things' (like guidelines on LI issues) on the flight to TR 10176.

It is the opinion of WG11 that the character handling guidelines, currently added to TR 10176 by WG20 should have the highest priority. If WG11 wants to add new guidelines, then this can probably wait until the next revision of the TR. In any case, the current workitem for WG20 does not cater for additional changes, so WG11 will have to ask for authorization to make additional changes to TR 10176.

- SC22 prepared recommendations on JTC1's Electronic Document Formatting Guidelines and on the SC22 electronic document distribution plan. The SC22 output documents are in document WG11/N421.
- SC22 has prepared draft guidelines (plus sample pages) for WWW pages for SC22 WGs. Mr. Keld Simonsen has offered to handle WG11 as a testcase; the WG11 convener is the 'content maintainer' of the WG11 WWW page; Mr. Brian Meek is willing to help with text.

4. National Activity Reports

4.1 BSI IST/5/11, Report by Brian Meek

The UK panel, IST/5-/11, has had one meeting since the Amsterdam WG11 meeting. We saw no need to meet to discuss LIA-2 since we were satisfied with the document and were prepared to see it progressed to CD registration ballot as soon as WG11 saw it fit. We provisionally planned a meeting to review an expected WDTR for LISS, but this was not forthcoming. Hence the one meeting was held in August, to formulate detailed UK comments on the LIPC DIS, on which a UK Yes vote had been approved by our parent committee (IST/5 Programming Languages).

4.2 ANSI X3T2, Report by Kevin Harris

No X3T2 report.

4.3 Report from the Japanese WG11 group by Katsuhiko Kakehi

Still no meeting of the group was held, but discussion are taking place via email. The members of the group are mostly language designers and interested in LISS.

5. Work Item 22.16 - Language Independent Procedure Calling

The responses on the DIS ballot (see WG11/N417) were received just in time before the meeting.

The LIPC document is approved with a single NO vote from Japan. After some discussion it appeared that the Japanese NO vote not a NO vote against LIPC; it is more a signal to SC22 to encourage the creation of an environment in which language independent standards are used by the programming language developing WGs. However, there is not much WG11 can do about this.

As there is no replacement text available, the request for additional annexes with sample bindings to LIPC (as asked for by Japan) cannot be satisfied.

The disposition of comments is in document WG11/N418. As noted above, the Japanese NO vote could not be resolved.

The final text of LIPC will be prepared shortly after the meeting and will be forwarded to Geneva for publication.

Milestones for the LIPC project:

2.8	93-10	WD approved for registration as CD
3.0	93-11	CD registered
3.8	94-10	CD approved for registration as DIS
4.1	95-04	DIS ballot initiated
4.8	95-10	Full report circulated and DIS approved for publication as IS

6. Work Item 22.17 - Language-Independent Datatypes

The final edits were approved earlier. However, due to other assignments, the editor has not yet been able to produce the final text. It is expected that this will be done within the next few weeks.

Milestones for the LID project:

2.8	91-01	WD approved for registration as CD
3.0	91-05	CD registered
3.1	91-05	CD study initiated
3.8	93-10	CD approved for registration as DIS
4.1	94-04	DIS ballot initiated

4.8 95-10 Full report circulated and DIS approved for publication as IS

7. Work Item 22.33 - Language-Independent Arithmetic, Part 2: Language Independent Mathematical Procedure Standard

A further working draft of LIA-2 (WG11/N416) was discussed extensively. In this discussion numerous comments made by email were included. A report on the discussion, prepared by Mr. Kevin Harris, is in document WG11/N419.

It was decided to adopt the following timetable for LIA-2:

End of October 1995	Document ready for combined CD registration and CD ballot
End of November 1995	Ballot starts (3 months)
Beginning of March 1996	Ballot closes
April 1996	Ballot Resolution.

It was noted, based on email contributions, that Sweden does not consider the document already fit for CD ballot. The editors (and with them WG11) however consider the document stable enough to indicate this CD to be the 'Final' CD.

Milestones for the LIA Part 2 project:

2.1	91-09	WD study initiated
	94-11	First draft circulated
	95-10	WD draft for CD registration + ballot
	96-04	DIS ballot resolution

8. Work Item 22.34 - Language-Independent Arithmetic, Part 3: Language Independent Complex Arithmetic and Procedure Standard

No progress made. The planning of this work follows the planning for LIA-2, with a delay of one year.

It was noted that SC22 has allowed an extension by one year of the time permitted for proceeding from the WD stage to the CD stage for this project.

Milestones for the LIA Part 3 project:

2.1	91-09	WD study initiated
	95-11	First draft circulated
2.8	96-09	WD draft for CD registration

9. Work Item 22.46 - Language-Independent Service Specifications (LISS)

During the meeting it became apparent that the current project editor, Mr. Paul Rabin, had to resign. This was because he did not have time enough to get the project really started, but also because he felt that there was not enough active participation on the project. Therefore he recommended that the project be stopped.

However, the UK and Japan felt that there is material enough available to progress the work, and that (certainly in those countries) people are willing to review material.

It was decided that:

- the project will be continued (at least until the next meeting);
- nominations for LISS project editor will be asked for (first within WG11, if not successful, then in

- SC22);
- if no project editor is found by the next meeting, SC22 will be asked to cancel the project; and
 - in the mean time, Mr. Brian Meek offered to act as a focal point for LISS contributions.

Milestones for the LISS project:

- 2.1 94-04 WD study initiated
- 96-01 First draft circulated
- 2.8 96-09 WD draft for CD registration

10. Planning and Future Meetings

15-19 April 1996 Copenhagen, Denmark Issues: ballot comments on LIA-2, LISS
 Fall 1996 Boston area ??

11. Other business

11.1 Meeting with representatives of TC184/SC4

During a pleasant meeting with representatives of TC184/SC4 (Mr. Brad Smith, secretary of TC184/SC4, and Mr. David Price - HoD US to SC4/WG7 and Editor, ISO 10303-22) explanation was given by both sides on their current work. It appears that there is no immediate need for a more formal liaison of any kind: the contacts are established on a 'person to person' basis.

12. Close of Meeting

The host, NIST, was thanked for organizing the meeting.

13. Documents identified since last mailing

WG11 Nbr	Other Nbrs	Author	Title
415	SC22/N1927	Convener	WG11 Convenor Report to SC22
416		Editor	Second Draft LIA-2
417	SC22/N1981	ITTF	DIS Ballot Comments on DIS 13886 - LIPC
418		Editor	Disposition of Comments on DIS 13886
419		Harris	Report on LIA-2 discussion during WG11 meeting Gaithersburg
420		Convener	Minutes WG11 Meeting September 1995
421	SC22/N1965 SC22/N1966	SC22	Recommendations on JTC1 Document Formatting Guidelines SC22 Policy on electronic document distribution
422		Barkmeyer	Editor's Notes to the Final IS LID draft
423		Editor	Final Text of IS 13886 - LIPC