Committee: ISO/IEC JTC1/SC22/WG11

Place: Danish Standards
               Copenhagen, Denmark

Date: April 27, 2001

Attendees: Mr. Frank Farance   USA
              Mr. Kent Karlsson   IMI, Sweden
              Mr. Roger Scowen   UK
              Mr. Keld Simonsen   RAP, Norway
              Mr. Fred Tydeman   USA
              Mr. Willem Wakker   ACE Consulting bv, Netherlands (Convener)

1. Agenda

It was agreed to follow the agenda, as outlined in WG11/N471.

2. Minutes of previous meeting (WG11/N466)

The minutes were approved without changes.

3. Status of WG11 documents

The TRs produced by WG11 (ISO/IEC 10182:1993 - Guidelines for the preparation of language bindings, and ISO/IEC 14369:1999 - Language Independent Service Specifications) are now publicly available, both from the ITTF website (isotc.iso.ch/livelink/livelink/fetch/2000/2489/Ittf_Home/ITTF.htm) and from the WG11 website (http://www.dkuug.dk/JTC1/SC22/WG11). ISO/IEC 11404:1996 - Language-independent Datatypes is finally also available from the same websites.

The WG11 request to make ISO/IEC 13886:1996 - Language Independent Procedure Calling publicly available was approved by SC22; at JTC1 level the request was included in a larger scheme to make all JTC1 standards available at low cost, which proposal in the end failed. The request to make LIPC publicly available is currently again under ballot in JTC1.

4. Work Item 22.17 - Language-Independent Datatypes

The document is published by ITTF as IS 11404:1996.
At the last WG11 meeting it was decided to revise LID; Frank Farrance is the project editor for the revision.

The project editor presented an updated charter for the revision, which was discussed and approved. The project editor will produce the final charter, including an envisaged planning, which will be send to SC22 for information. The convener will, in his conveners report to SC22, encourage the SC22 Chair and the SC22 NBs to inform other possibly interested groups of the current revision, and to encourage these groups to contribute and/or participate in the revision.

The liaison statement from ITU-T SG7 regarding the revision of ISO/IEC 11404 was discussed. In this liaison statement the ASN.1 Group announces the revision of ASN.1, and offers assistance in the revision of 11404.
It was decided that the response to the liaison statement should contain the following elements:

— 11404 is about datatypes, while ASN.1 is about data and data representation, so the standards have their own set of users;
— there is however a strong relationship in the fact that a mapping between 11404 and ASN.1 might be very useful;
— there is a plan to produce an informative annex of 11404 that describes the relationship between the two standards; and
— the development schedule of the 11404 revision.

As the convener will not be available until shortly before the liaison statement is due, the project editor will produce a first version of the liaison statement response.

The project editor, Mr. Frank Farrance, is the acting liaison between SC32/WG2 and SC22/WG11.

5. FDIS 10967-2 - Language-Independent Arithmetic, part 2: Elementary Numerical Functions

After some email exchanges with ITTF the document is now finally in FDIS ballot; the ballot ends on April 30, 2001. The results of the ballot are still unknown.

6. WD 10967-3 - Language-Independent Arithmetic, part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions

In November 2000, a first working draft (WG11/N470) was published on the WG11 website. At the meeting a revised version N470R (distributed at the meeting) was discussed.

As N470R contains the main elements of the final IS, and it is presented in a form which is essentially the form envisaged for the future IS, it was decided to prepare, based on N470R, a WD for registration ballot. It was agreed to remove from the document

— those functions that are not used by any of the major ISO programming languages;
— most of the language bindings, and
— (for the registration document) most of the rationale.

A guiding rule for the document should be: if in doubt: cut it out! The editor will have the WD for registration ready by June 2001.

7. Planning and Future Meetings

It was agreed to review the comments received on the registration ballot of 10967-3 by teleconference. A next meeting is foreseen for April 2002 in Amsterdam.