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## Minutes of ISO WG21 Meeting, April 21, 2002

### 1. Opening and introductions

Plum convened the meeting at 18:02 AST on April 22, 2002. There are 8 countries represented. Delegations from three more – France, Germany, and Netherlands – are expected but not yet present. Schmeiser went to investigate at the front desk; the French representative was not checked in at the hotel; the German representative was checked in but not in his room; the Netherlands representative is not expected.

#### 1.1 Welcome from host

Our host is Randy Marquez of Atos Origin. We have Internet connectivity at faster-than-T1 speeds, and possibly wireless connectivity via an access point brought by a delegate. Monday night from 6-7pm there will be a reception for everyone including spouses and partners, in the upstairs cocktail lounge. The host asked to defer this item until tomorrow morning.

#### 1.2 Roll call of technical experts

Attendance:

Tom Plum	Convener	
Jamie Schmeiser	Canada	schmeise@ca.ibm.com
Herb Sutter	Canada	HOD hsutter@acm.org
Jan Kristofferson	Denmark	HOD jkristof@ramtex.dk
Martin O’Riordan	Ireland	HOD martino@theheart.ip
Seiji Hayashida	Japan	seiji.hayashida@toshiba.co.jp
Ichiro Koshida	Japan	HOD koshida@cc.teu.ac.jp
Keld Simonsen	Norway	HOD keld@dkuug.dk
Detlef Vollmann	Switzerland	HOD dv@vollman.ch
Francis Glassborow	UK	HOD francis.glassborow@ntlworld.com
Lois Goldthwaite	UK	lois@loisgoldthwaite.com
J. Stephen Adamczyk	USA	jsa@edg.com
Steve Clamage	USA	stephen.clamage@sum.com
Clark Nelson	USA	HOD clark.nelson@intel.com
Tana L. Plauger	USA	tana@dinkumware.com
Bill Seymour	USA	bill-at-the-office@pobox.com
Bjarne Stroustrup	USA	bs@research.att.com

### **1.3 Select meeting chair**

Plum was selected.

### **1.4 Select meeting secretary**

Sutter was selected.

### **1.5 Select language**

English was selected.

### **1.6 Adopt agenda**

Glassborow asked to add an item to discuss the UK future meeting. This was added to 5.3, Future Meetings.

Simonsen asked to add an item to discuss the new convenor. This was added under 3, New Business.

Plum asked to add an item to talk about the format in which we will publish the TC. This was added under 3, New Business.

Simonsen asked to add an item to discuss appointment of additional liaisons to WG15 and WG20. This was added as 2.2.4.

The revised agenda was adopted by unanimous consent.

### **1.7 Select drafting committee**

Francis Glassborow was named chair of the drafting committee. Keld Simonsen was also named to the drafting committee.

### **1.8 Approve minutes from previous meeting**

The minutes of the previous meeting were approved by unanimous consent.

### **1.9 Review action items from previous meeting**

None.

### **1.10 Recognize documents**

No documents were recognized.

## **2. Status, liaison and action item reports**

### **2.1 Small group status reports**

### **2.2 Liaison Reports**

#### **2.2.1 SC22 report**

Nothing new to report; Plum noted that the plenary was already over with by the time of our last meeting.

### **2.2.2 SC22/WG11 (Binding Techniques) report**

[defer to Monday session]

### **2.2.3 SC22/WG14 (C) report**

Deferred until Monday.

Plum noted that last week the C committee continued to respond favorably to increasing the number of liaisons between their committee and ours. Stroustrup, Glassborow, Plum, and others noted that those persons and companies appointed as liaisons should indeed attend both meetings and, if sending different representatives to the two meetings, have the representatives communicate well.

We now have nine liaisons from WG14 (C) to WG21 (C++): those discussed at Redmond (with Barry Hedquist replacing John Benito from Perennial), plus Dinkumware and Intel:

- Tana Plauger (Dinkumware, USA)
- Clark Nelson (Intel, USA)
- Raymond Mak (IBM, Canada)
- Jeff Muller (Oracle, USA)
- Douglas Walls (Sun, USA)
- Jan Kristofferson (Ramtex, Denmark)
- Francis Glassborow (self, UK)
- Barry Hedquist (Perennial, USA)
- Thomas Plum (Plum Hall, USA)

We are proposing to expand our list of liaisons to WG14:

- Tana Plauger (Dinkumware, USA)
- Clark Nelson (Intel, USA)
- Keld Simonsen (RAP, Norway)
- Francis Glassborow (UK)
- Jan Kristofferson (Ramtex, Denmark)
- Robert Klarer (IBM, Canada)
- Greg Colvin (Oracle, USA)
- Steve Clamage (Sun, USA)
- Tom Plum (Plum Hall, Convener WG21)
- John Benito (Perennial, USA)

Proposed list approved by unanimous consent.

The next item was to discuss liaisons to WG15 (POSIX) and WG20 (Internationalization).

Simonsen volunteered to continue or resume the liaison with WG20, as he is the only person who attends WG20 meetings as well as some WG21 meetings. Simonsen assigned by unanimous consent. Plum noted that WG21 explicitly has no instructions regarding WG20. Simonsen agreed that he would not present any WG21 position to WG20 unless directed to do so by WG21.

Simonsen volunteered to be the liaison with WG15 too. Goldthwaite also volunteered. Both were appointed to share liaison by unanimous consent.

### **2.2.4 SC22/WG15 (POSIX) report**

[defer to Monday session]

### **2.2.5 SC22/WG20 (Internationalization) report**

[defer to Monday session]

### **3. New business**

#### **Defect Report procedures**

Nothing new.

#### **Status of RR and TC**

Nothing new, beyond formatting issues discussed below.

#### **Future meeting schedules**

#### **Performance TR status and planning**

#### **Library TR status and planning**

Deferred.

#### **Press release planning**

Glassborow and Simonsen to work on drafting a press release about the TC.

#### **New convener**

Plum's term as convener is expiring and he is not seeking a third term. There are currently no candidates. Plum noted that if the United States does not come forward with a candidate then there is a procedure for finding candidates internationally.

#### **TC format**

Koenig recently sent a note to the reflector saying that we needed to choose the format in which we want to publish the TC. Plum proposed that we at least discuss publishing a document with two major parts: the corrected revised standard ("corrected reprint of the standard" in ISO terms), and the marked-up standard showing the TC changes. There was much discussion about these and related options, which if any should be electronic versions, which should take precedence in case of accidental divergence, which could be made available without charge, and related issues.

Goldthwaite summarized that Wiley has a license from BSI to produce the C standard. Wiley is also still eager to publish the C++ standard if the correct permissions are obtained. Plum asked whether anyone objected to using textbook publishers as a channel of distribution for the standard. There were no objections.

Plum asked whether we in WG21 should make a recommendation to J16 and burden them with more discussion, or we should make a tentative decision and confirm it at the end of the week.

Plum summarized the proposal that WG21 will forward to JTC1 our TC1 which will consist of two parts: the corrected reprint of the standard, and the marked-up standard showing the TC changes. The proposal was adopted by unanimous consent.

Simonsen requested the opportunity to see the final corrected reprint as produced by Koenig. Plum noted that the marked-up standard with TC changes has been reviewed over the past 4-6 months by the review team. Plum said that the forwarding of the document is subject to review by committee members who want to double-check that it's been done

properly, and we can try to do it during the timeframe of this week's meeting. Simonsen and Adamczyk volunteered to sanity-check the corrected reprint.

#### **4. Review and approve resolutions and issues**

#### **5. Closing process**

##### **5.1 Select chair for next meeting**

Plum was selected.

##### **5.2 Establish next agenda**

Same.

##### **5.3 Future meetings**

Glassborow reported on arrangements for the April 2003 meeting.

The Santa Cruz meeting will be during October 20-25, 2002.

The Oxford meeting will be during April 6-11, 2003.

The Kona meeting will be in October 2003.

Simonsen offered to host in Oslo, Norway, in spring 2004.

##### **5.4 Future mailings**

Will be covered tomorrow.

##### **5.5 Assign document numbers**

None.

##### **5.6 Review action items**

None.

##### **5.7 Any other business**

None.

##### **5.8 Thanks to host**

Deferred to when the host is present.

##### **5.9 Adjournment**

Meeting adjourned at 20:15 AST.