

INTERNATIONAL ELECTROTECHNICAL COMMISSION
TECHNICAL COMMITTEE No. 65:
INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL
SUBCOMMITTEE 65B: DEVICES
WORKING GROUP 15: FUNCTION BLOCKS (IEC 61499)
MINUTES
COCOA BEACH, FLORIDA, USA, 25-26 JAN 2007

I. ATTENDANCE AND ROSTER

J. CHRISTENSEN USA (Project Leader)
R.KRETSCHMANN USA (SC65B/WG7 Liaison)
A. MARTEL Canada (O³NEIDA Observer)
H.-P. OTTO Germany (Expert)
M. VISTE USA (Expert)

The combined SC65B/WG15 and WG7/TF3 Roster is updated and accessible at <http://www.holobloc.com/stds/iec/sc65bwg7tf3/html/wg6.htm>.

II. REVIEW OF MINUTES OF PREVIOUS MEETING

Minutes of the previous meeting, TC65/WG6 (PRAGUE/MINUTES), available online at http://www.holobloc.com/stds/iec/tc65wg6/minutes/prg03_wg6.doc, were reviewed and approved as written.

III. REFERENCE DOCUMENTS

The reference documents for this meeting are the published Parts of IEC 61499 listed below.

IV. STATUS OF DOCUMENTS

The status of the published Parts of IEC 61499 is summarized in the following table.

Project	Title	Status
61499-1	Function blocks - Part 1: Architecture	2010 (*)
61499-2	Function blocks - Part 2: Software tool requirements	2010 (*)
61499-3	Function Blocks - Part 3: Tutorial Information (TR)	2007 (*)
61499-4	Function blocks - Part 4: Rules for Compliance Profiles	2010 (*)

(*) - Maintenance result date

V. LIAISON REPORT

Mr MARTEL presented an informal report on current activities of OOONEIDA - <http://www.ooneida.org> - that may impact future work on IEC 61499. OOONEIDA is a not-for-profit corporation incorporated in Canada, operating as O³neida Inc. O³neida operates as a worldwide network of networks focused on fostering distributed industrial automation based upon open standards. Mr. VALENTINI, Chairman and CEO of O³neida Inc, is also an Expert member of this Working Group.

Of particular interest will be the OOONEIDA workgroup on Execution Models of IEC 61499 Function Block Applications - see http://www.ooneida.org/standards_development_Compliance_Profile.html. This group has already identified several technical and editorial errors in IEC 61499-1, and is expected to identify and recommend solutions to ambiguities and inconsistencies in the Standard well before its maintenance result date of 2010. A significant amount of work has already been done in IEC 61499 runtime execution models by members of this OOONEIDA workgroup, and will be presented at the INDIN07 conference in Vienna in August, 2007. **ACTION ITEM:** Mr MARTEL will keep SC65B/WG15 members informed of developments in this OOONEIDA workgroup.

OOONEIDA has volunteered to review the proposed informative Annex to IEC 61131-3, "Proposed informative Annex to IEC 61131-3 - Interoperability with IEC 61499 devices".

VI. PREPARATION OF IEC 61499-3 2nd EDITION DOCUMENT FOR COMMENTS

The document IEC 61499-3, "FUNCTION BLOCKS FOR INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL SYSTEMS - Part 3: Tutorial information" was reviewed. It was the general opinion of SC65B/WG15 that: 1) Much of this material, based on the PAS versions of the other Parts of IEC 61499, is now superseded by more recent work; 2) Substantial amounts of tutorial information are now available in the form of books, papers, publications and training courses.

Consequently, WG15 will recommend to the Secretariat of IEC SC65B that a Maintenance Report be circulated to National Committees, recommending the withdrawal of IEC 61499-3. **ACTION ITEM (JHC):** Inform the SC65B Secretariat of this recommendation.

VII. SCHEDULE FOR FUTURE WORK

- **ACTION ITEM (JHC):** Continue to log comments on IEC 61499-1, -2 and -4, notifying 65B/WG15 Experts, Liaisons and Observers as new comments are logged.
- **NEXT MEETING OF SC65B/WG15:** Late 2009 or at the call of the Convenor.

Respectfully submitted,

J.Christensen, Convenor, SC65B/WG15