

IEEE LTSC CMI Study Group Meeting Minutes

May 21, 2010

Attendees:

Fred Banks
Avron Barr
Scott Lewis
Frank Polster
Tyde Richards (convener)
Mike Rustici
Chris Sawwa
Schawn Thropp

Discussions:

The purpose of this telecon was to assess the effort required to develop standards for a Web service transport mechanism and revised 1484.11.1 XML binding from the LETSI RTWS project. Tyde gave an overview of the 1484.11.2 ECMAScript standard as a possible template for the Web service transport mechanism and an overview of the current XML Binding of 1484.11.1 (1484.11.3). Mike discussed the current state of the LETSI RTWS project and technical changes introduced by the project.

There was discussion of the desirability of separating the mechanics of communication (ECMAScript, Web service) from the semantics (specific methods) from the data formats (1484.11.1 bindings).

The discussion reached the following interim conclusions.

1) Web service transport mechanism

If we use 1484.11.2 as a model, there is certain material a standard should contain that currently does not exist: e.g. a conceptual model, state model, error codes. Do we need to mirror that material? A significant amount of work is anticipated to create a standard related to making the new material fit into "the mold".

2) Revised XML Binding of 1484.11.1

It would be relatively simple to revise the 1484.11.3 standard. Basically cut and pasting a new XML schema and sample instance to replace comparable material in the current standard.

3) Amendment to 1484.11.1

It came in the call that the LETSI RTWS project has actually added 3 data elements to the 1484.11.1 data model to better support distributed control in a Web service context. There is, therefore, a desire to create an amendment to 1484.11.1 in the near term that has these changes. This seems to be the priority project and a logical extension of the pending corrigendum project on 1484.11.1.

Next Meeting:

28 May 2010
10am – 11am EST

Skype phone: +9900827049304412
US 201-793-9022 + access code 9304412

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Proposed Agenda Topics

Discuss/Review recommendations for final report and possible future LETSI/WG11 collaborative projects (e.g. LET Activity).