

Meeting Notes – 2-18 Committee
Los Angeles, CA
Feb 21-22 2007

The meeting began with a series of informative presentations:

- Presentation by Dieter Bergman on CAMX, 1752, and the history of electronic data exchange standards at IPC
- Presentation by John Messina on REACH, EUP requirements, data sharing requirements for compliance
- Presentation by Mike Hutchings on EU and China RoHS

The committee then discussed desired changes in 2.0.

Signature

The signature is for the entire data set being sent out, not just RoHS. The purpose of the signature is to establish the validity of data made in good faith

The signature does not need to refer specifically to RoHS, China RoHS, JIG, etc. data. It may be noted in other data within the 175x series.

The Schema will have a module for each 175x data exchange, with 1751 being the overall umbrella for any 175x used.

Currently each declaration has one signature:

- V2.1... Is there a demand/possibility of more than one signature? Maybe for each module?
- Some have a “group” designated who sign the document
- Some have a person responsible for all

Support for compliance data for additional Regulations

- EU – RoHS
 - o Current process is good
- China – RoHS
 - o Some additional data needs were identified :
 - o EFUP information
 - o Part size (< 4mm³)/ categories A, B & C (for substance limits)
 - o Output Table (x & o)?
 - o China testing certificate number- possible implementation once catalogue published
- S. Korea – RoHS (same as EU RoHS)
 - o No additional data needs identified at this time
- CA RoHS
 - o Cables of 300ppm
- Montreal Protocol – CFC
 - o Applied through JIG
- REACH – there was significant discussion as to what type of information would be required:
 - o Product vs. process
 - o Over 1% and on the Black List (~1500 eventually)

- Items intentionally released while in use
- No conclusions were made.

- EUP
 - Not sure where it will fit or what data elements will be involved
 - May be another 175x module

The committee also discussed the need/ability to handle more general lists/regulations requirements. The schema (which does not contain lists) will be published. Users will be encouraged to use published list (RoHS, JIG, etc), but the standard will not prevent inclusion of other lists or full disclosure. To assist users relying on published lists, IPC will make XML list files available.

Manufacturing information

Existing subcommittee recommendations will be balloted as IPC 1756.

Multiple Parts

What we have been calling a multiple parts declaration really encompasses two types of groupings, a part family and a multilevel BOM type declaration.

- For a Part family the issues are:
 - How is it defined
 - Part identification
 - Same Weight & percentage
 - Different weight / same percentage... requires weight relationship
 - Requires multiple reporting of RoHS material sets... % weight and PPM values
 - Define multiple parts being similar in the above 2 situations, not of dissimilar products (This is rolled up in higher level PDX 2.0)
 - mfg. location – will support more than one site
- Multilevel BOM
 - Product with one level of subitem
 - Multiple levels
 - Data elements be allowed for more levels to fit with PDX 2.0 for cross functionality to 175x series

Implementation

The 2.0 standard will specify certain implementation requirements.

- Very few are looking at XML, most are looking at electronic file. It is necessary to specify an output format that should be easy and human readable that only includes completed data (human readable data)
- IPC will conduct a survey about 1752 use; needs
 - Are people viewing PDF forms, using XML or something else
 - Attachment of files? (3rd party testing, Legal statements, others)

Conformance Testing

Verification/Validation/Conformance testing of schema implementations

- Need to have some sort of verification process to confirm that output files (human readable and XML) follow the standard
- Do we as a team need to look at with an IPC stamp of approval
- Conforms to IPC standard xxx as of this date xxx
- Need to develop requirements
- Validating for good XML (not just a company derivative of XML)
- Can they implement only one module or only a subset of the modules available?

NIST developing a BASIC tool.

Comment: Ability to attach files outside of the XML schema as need for supporting information (Legal statements, 3rd party testing, etc.)

The following subteams, subteam leaders, and some subteam members have been established. More members are sought.

2-18 (1751) Chair Eric Simmon. Co-chair being sought

Subteams:

- Schema: Eric Simmon
- Implementation: John Cuthbertson, (Loni Kao)
- Legal: Fern Abrams
 - o removing “RoHS” and making statement more general
- Subteam: Supply chain education/ marketing Mary Carter Berrios to lead; (John C., Fern)

2-18a (1756) manufacturing data Frank Rossman (Jabil)

2-18b (1752) Mark Friman

- Subteam: Multiple parts – leader needed

Fern to send out msg to all members for which parts they want to participate in:

- 1751
- 1752
- 1756

Tabled topics

- 2-18A - Task Group on Manufacturing Information – Frank Rossman
- Subteam on Conformance Testing requirements -
- Subteam on implementation specifications -
- Multiple part family -
- Subteam on labels/terminology to match -
- NIST reference tool

Goal discuss ballot results at Sept meeting

Project Schedules:

1751 & 1752

Draft 6/15

FTF week of 6/25

Final text to IPC 8/1

Ballot 8/15- 9/15

1756

Draft by 5/15

1st Circulation 5-21-6/21

Final text to IPC 7/1

Ballot 7/15-9/15

Next meeting: Conference Call Mar 30 10 EST/ 1pm PST

June meeting at NIST or IPC HQ