

Title: STIL 1450.3 Internal Review of 1450.3-D05

History:

- 09/21/2002 - issues carried over from D04
- 10/7/2002 - updated from 10/7 face-to-face at ITC-2002
- 11/8/2002 - updated from 11/8 phone meeting
- 11/22/2002 - updated from 11/8 phone meeting

The working document “1450.3-D05) is in the process of being reviewed by the working group.

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Table 1: Summary of Issues from internal (non-ballot) review of 1450.3

Ident	Issue	Resolution
FM-1	Need for an introductory tutorial.	<p>01/18/02: Should have several parts to it:</p> <ol style="list-style-type: none"> 1. basic STIL file to use as test case (i.e., signals, groups, burst, etc) 2. set of TRC rules for a (fictional?) ATE system 3. result of applying the TRC rule (2) to STIL file (1) 4. resultant STIL file with targeting data included. 5. simple usage of variables for fluid parameters <p>11/2/02: Tutorial is now complete.</p>
FM-2	Suggestion to move Site and Port out of the Pattern block.	<p>01/18/2002: This led to a big discussion with regard to the purpose and scope of 1450.3 and in particular all the ways that TRC fits in to the usage model in figure 1. There was not clarity on how all these application fit together and whether the syntax can be clear for each usage. For example: Site and Port may make sense when defining the resources of an ATE system, but not when reporting the statistics of a pattern.</p> <p>02/01/2002: Figure 1 was updated for clarity.</p> <p>08/16/2002: Therewas much debate as to whether the Port and Site commands should be in Economics block or a System block (see JD-1). The resolution is a new SystemCharacteristics block.</p> <p>4/26/02: Get input from the 1450.4 effort on multi-site.</p> <p>8/02/02: A SystemCharacteristics block has been created.</p> <p>11/22/02: JD still thinking about this one. Let's see what imput we get from the upcoming review.</p>
GM-1	Clause 16, WaveformCharacteristics, Drive/CompareEvents - need an integer to define the number of events allowed in a cycle.	10/7/02 - Added another integer to the syntax.
GM-2	Technical - WaveformCharacteristics - Requested an additional integer expression to specify the allowed number of drive or compare events that can occur in a cycle.	10/7/02 - Done

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TT-1	clause 12 - If multiple rules are defined in a STIL file, should they be contained in separate Environment blocks or separate TRC blocks within one environment.	<p>4/26: wg decision that only one set of rules should be within an Environment block. Wg recognized that it is possible to use variables to create one set of rules that supports a family of testers. See also FM-2 about having a System block.</p> <p>7/16: Added a new clause 7 defining the structure of various applications of TRC.</p> <p>8/16: More updates to clause</p> <p>10/7/02: We discussed the question as to whether it is the name of the "Environment" block or the "TRC" block that determines the name that is to be used to identify a set of TRC rules. The conclusion was that the Environment name would typically identify a class of rules and the individual set of rules would be the name of the TRC block. The syntax looks as follows:</p> <pre>Environment MY_ENV { TRC ATE_1 { ... } TRC ATE_2 { ... } }</pre> <p>A tool that is referencing these sets of rules could use two separate identifiers (i.e., in a GUI dialog) or it could represent it as env-name.trc-name.</p>
TT-2	Technical - Need a mechanism for encrypting a rules file.	<p>4/26: wg decided that a new section (perhaps an annex) should be added to say that this is outside of the scope of the standard, but should be done using standard encrypting tools on a per file basis.</p> <p><i>tt - update the doc</i></p>
TT-4	Editorial - Need to enhance the examples in each syntax section to contain an example of each statement and make them complete/compilable.	11/22/02 - done
TT-6	Annex E needs updating.	10/7/02 - done
TT-7	Technical - Need to add a TimeLimits statement to the WaveformCharacteristics block. This is same as the statement in the PeriodCharacteristics block	10/7/02 - done

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WG-1	Technical - Decision at ITC-2002 meeting to change the keyword "Per-Group" to "SignalsPer". This better indicates reference to the higher level block. The block that brought up this issue was the MaxPeriod-Generators, but the change should be throughout the doc.	10/7/02 - done