

IBIS-ATM task group report

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Arpad Muranyi
Mentor Graphics Corporation
(chairman of the IBIS-ATM task group)
arpad_muranyi@mentor.com

Achievements since DAC 2011 (June 7, 2011)

- **“Clarification / correction” BIRDS are all officially approved by the IBIS Open Forum (except the most recent one, BIRD 149)**
 - BIRD 112 IBIS-AMI Clock Times Clarification
 - BIRD 114.3 IBIS-AMI Definition Clarifications
 - BIRD 115 Clarifying Min/Tip/Max in IBIS-AMI
 - BIRD 120.1 IBIS-AMI Flow Correction
 - BIRD 126 IBIS-AMI New Reserved Parameter AMI_Version
 - **BIRD 127.4 IBIS-AMI Typographical Corrections**
 - BIRD 130 Crosstalk Clarification With Respect to AMI
 - BIRD 132 Clarification of the Table Format for IBIS_AMI
 - BIRD 134 AMI Function Return Value Clarification
 - **BIRD 135.1 Add Boolean to BNF for IBIS-AMI**
 - **BIRD 136 Defining Relationships between Type and Format**
 - **BIRD 137.2 AMI_parameters_in, AMI_parameters_out, msg Clarifications**
 - **BIRD 138 IBIS-AMI Section 6c Tables Update**
 - **BIRD 139 Reserved_Parameters Order**
 - **BIRD 140.2 Format Corner and Range Clarification for IBIS-AMI**
 - **BIRD 143.1 Correcting the rules for AMI_Close**
 - **BIRD 146 Clarify sample_interval for IBIS-AMI**
 - **BIRD 148 Allowable Model_types with IBIS-AMI**
 - **BIRD 149 Usage Out Syntax Correction (*submitted, pending approval*)**
- **These BIRDS are all targeted for IBIS v5.1**

Progress towards IBIS v5.2

BIRD 123.2 IBIS-AMI New Reserved Parameters for Jitter/Noise

- after long discussions and hard work this BIRD has been re-submitted to the IBIS Open Forum with the consensus of the ATM group
- it is robust, well written, pretty much ready for a vote

We are neck deep in sorting out the analog BIRD proposals

- BIRD 116 Add IBIS-ISS to [External Model] and [External Circuit]
- BIRD 117.3 Parameterize D_to_A and A_to_D Converters
- BIRD 118.2 Analog Parameter Assignments
- BIRD 125.1 Make IBIS-ISS Available for Package Modeling
- BIRD 129 IBIS-AMI Typographical Corrections
- BIRD 122 IBIS-AMI New Reserved Parameters for Analog Modeling
- BIRD 144.1 Add Touchstone to [External Model/Circuit] as a Language
- BIRD 145.1 Cascading IBIS I/O buffers with [External Circuit]s

AMI enhancement BIRDS need to be finished

- BIRD 121.1 IBIS-AMI New Reserved Parameters for Data Management
- BIRD 124 IBIS-AMI New Reserved Parameters for Dependency Tables

Backchannel and Repeater proposals need to be addressed

- BIRD 128 Allow AMI_parameters_out to pass input data to AMI_GetWave
- BIRD 147 Back-channel support
- BIRD 131 IBIS-AMI Repeaters

Questions?