IBIS-ATM task group report

IBIS Summit at DesignCon 2012
Santa Clara Convention Center, CA

February 2, 2012

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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?