

IBIS-ATM task group report

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Achievements since DesignCon 2013

- **IBIS v6.0 has been released on September 20, 2013 including the following BIRDs:**
 - **BIRD121.2** **IBIS-AMI New Reserved Parameters for Data Management**
 - **BIRD123.5** **IBIS-AMI New Reserved Parameters for Jitter/Noise**
 - **BIRD152** **Analog Model Boundary Definition**
 - **BIRD154.1** **Using IBIS-AMI Leaf List_Tip in List Parameters**
 - **BIRD156.3** **IBIS-AMI Extension for Mid-channel Redrivers and Retimers**
 - **BIRD160.1** **Analog Buffer Modeling Improvements**
 - **BIRD162.1** **Change to Usage “Info, Out” for AMI Jitter and Noise Parameters**

There is one approved BIRD since IBIS v6.0

**BIRD 155.2 New AMI API to Resolve Dependent
Model Parameter**

BIRDS in progress

We are currently deeply involved in discussing the various package modeling proposals

- BIRD 125.1 Make IBIS-ISS Available for Package Modeling
- BIRD 145.3 Cascading IBIS I/O buffers with [External Circuit]s
- BIRD 163 Instantiating and Connecting [External Circuit] Package Models with [Circuit Call]
- BIRD 164 Allowing Package Models to be defined in [External Circuit]
- BIRD 165 Parameter Passing Improvements for [External Circuit]s

There is one AMI enhancement BIRD which needs to be considered

- BIRD 158.3 AMI Touchstonefile (R) Analog Buffer Models

Backchannel proposal is still on the waiting list with two BIRDS

- BIRD 128 Allow AMI_parameters_out to pass input data to AMI_GetWave
- BIRD 147 Back-channel support

Miscellaneous BIRDS

- BIRD 157 Parameterize [Driver Schedule]
- BIRD 161.1 Supporting Incomplete and Buffer-only [Component] Descriptions