IBIS-ATM Task Group Report

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Progress since DesignCon 2017

- **There was no new IBIS specification release last year**

- **BIRDs approved since DesignCon 2017:**
  - **147.6   Back-channel Support**
  - **158.7   AMI Ts4file Analog Buffer Models**
  - **165.1   Parameter Passing Improvements for [External Circuit]s**
  - **186.4   File Naming Rules**
  - **187.3   Format and Usage Out Clarifications**
  - **188.1   Expanded Rx Noise Support for AMI**
  - **191.2   Clarifying Locations for Si_location and Timing_location**
  - **192.1   Clarification of List Default Rules**

- **BIRDs rejected since DesignCon 2017:**
  - **161.1   Supporting Incomplete and Buffer-only [Component] Descriptions**

Pending BIRDs expected to be rejected

- **125.1**   **Make IBIS-ISS Available for IBIS Package Modeling**
- **145.3**   **Cascading IBIS I/O buffers with [External Circuit]s using the [Model Call] keyword**
- **163**   **Instantiating and Connecting [External Circuit] Package Models with [Circuit Call]**
- **164**   **Allowing Package Models to be defined in [External Circuit]**

Most of these BIRDs are "tabled" because of their dependence on other BIRDs or proposals

Pending BIRDs in discussion

- **166.4   Resolving problems with Redriver Init Flow**
- **181.1   I-V Table Clarifications**
- **189.5   Interconnect Modeling Using IBIS-ISS and Touchstone**
- **190   Clarification for Redriver Flow**
- **193   Figure 29 corrections**

- **TBD   New proposal for Redriver Flow (may replace BIRD166)**
- **TBD   C_comp modeling with IBIS-ISS**

Not all of these BIRDs are discussed in the ATM group