

IBIS-ATM Task Group Report

**DesignCon 2025 IBIS Summit
Santa Clara, CA**

January 31, 2025

Arpad Muranyi
Siemens EDA, USA
(chairman of the IBIS-ATM Task Group)
arpad.muranyi@siemens.com

Progress report since the DesignCon 2024 IBIS Summit (February 2024)

- **BIRDS approved since February 2024**
 - 229.1 AMI Test Data Support
 - 230.1 Adding a Definitions Section to IBIS
 - 231 Clarifications on AMI Block Concepts
- **No BIRDS were rejected since February 2024**

Pending BIRDS, BIRD drafts, potential discussion topics

- **220.2 Pre-driver PSIJ Sensitivity Keyword**
- **232 Clarification of Ts4file and Non-AMI Feature Relationships**

- **Add Support for Transient in SPIM of IBIS**
- **Add Support for Power Delivery Modeling**
- **Consider adding support for C-phy modeling**

- **Encryption (IEEE 1735)**
- **Multi-level analog buffer modeling (PAMn, C-phy, etc.)**
- **Modify C_comp model for T-coil modeling**
- **AMI_GetWave block size with continually adapting models**

Questions / comments?