**Steps For V7.0:**

1. Fold in Known Issues (based on existing page numbers)
2. Fold in BIRDs (try from back to front to persevere earlier page number references such as working on the IBIS-AMI changes first and then the earlier sections. Update the AMI section tables with all new IBIS-AMI parameters
3. Create two new sections or chapters for BCI and Interconnect Models
4. Update Section 10.8 with the new AMI parameters
5. Update Table and Figure Caption numbers/references as needed due to new information
6. Update Section 3.1 Tree by deleting some subparameters per BIRD183
7. Add to Section 2.0 – the new BIRDs for V7.0 and number of BIRDs
8. Update Versions 6.1 🡪 7.0, Full dates first, then years only 2015 🡪 2017/8 and Copyright years, all embedded throughout the document.
9. Issue new correction BIRD(s), if needed identified as a result of the editorial pass and include them

**BIRD List: Editorial,Technical,Parser Changes for V7.0**

**BIRD147.6 *Back-channel Support***

 AMI: **BCI\_Protocol, BCI\_State, BCI\_ID, BCI\_Message Interval\_UI,**

 **BCI\_Training\_UI**

 Editorial (new chapter), Parser Change (including interaction rules)

**BIRD179 *New IBIS-AMI Reserved Parameter Special\_Param\_Names***

AMI: **Special\_Param\_Names**

 Technical, Parser Change

**BIRD180 *Require Unique Pin\_Names in [Pin]***

 Technical, Parser Change

**BIRD182 *POWER and GND [Pin] signal\_name as [Pin Mapping] bus\_label***

 Technical, Parser Change

**BIRD183 *[Model Data] Matrix Subparameter Terminology Correction***

 Editorial Change including Section 3.1 Keyword Hierarchy

 Possible Parser Terminology Change

**BIRD184.2 *Model\_name and Signal\_name Restriction for POWER and GND Pins***

Parser Change

**BIRD185.2 *Section 3 Reserved Word Guideline Update***

 Editorial Change

**BIRD186.X *File Naming Rules \*\*\****

 Editorial

Parser Change throughout

**BIRD187.X *Format and Usage Out Clarifications*** (Approval expected April 2017) \*\*\*

 Editorial Change

**BIRD188.1 *Expanded Rx\_Noise Support for AMI***

 AMI: **Rx\_GaussianNoise, Rx\_UniformNoise**

Editorial, Parser Change

**BIRD189.X *Interconnect Modeling Using IBIS-ISS and Touchstone \*\*\****

 Editorial (New Chapter)

 Technical (Several new keywords, new .ims file, etc.)

Parser Upgrade: Significant

**Tentative Additions**

**BIRD158.X *AMI Touchstone (R) Analog Buffer Models \*\*\****

 AMI: **Ts4file, Tx\_V, Tx\_R, Rx\_R**

 Editorial (new chapter??) Parser Change

**BIRD166.X *Resolving Problems with Redriver Init Flow \*\*\** OR**

 Editorial

**BIRDXXX *Redriver Flow Alternative by Keysight (can be submitted)***

AMI: **Init\_Supports\_Extended Impulse\_Matrix, Impulse\_Matrix\_Is\_Extended**

 Editorial

 Parser Change

**Future Versions**

**BIRD181.X *I-V Table Clarifications all Vtable references, figure updates??***

 Editorial Change ???

**BIRD(s) XX *Terminals BIRD(s) for All of IBIS 6.1***

Editorial (I-V tables, some figures, notes on data derivations section, some generalization to align with BIRD181.X)

**BIRDXX *Reference Terminal BIRD***

Editorial Change

 Parser Change

**Other BIRDs to be submitted ????**

**Major Editorial Rewrite ????**

**Major Figures Update ????**

**Major Change in IBIS-AMI Introduction**

 **C\_comp BIRD**

**BIRDs for Possible Rejection or Further Delay**

**BIRD125.1 *Make IBIS-ISS Available for IBIS Package Modeling*** (Reject?)

**BIRD145.3 *Cascading IBIS I/O buffers with [External Circuit]s using the [Model Call]***

 ***keyword*** ????

**BIRD161.1 *Supporting Incomplete and Buffer-only [Component] Descriptions*** ????

**BIRD163 *Instantiating and Connecting [External Circuit] Package Models with***

***[Circuit Call]*** ????

**BIRD164 *Allowing Package Models to be defined in [External Circuit]*** ????

**BIRD165 *Parameter Passing Improvements for [External Circuit]s***  ????

**Additional Steps**

Finalize V7.0 document

Submit to IBIS Open Forum for review

Respond to review comments

Conduct formal Specification vote

Write Complete Parser contract listing of requirement and BIRD checking details

SAE review of contract

Get a Quote

Agree to Quote

Sign Agreement, begin parser development

Decide parser price ($2,500 or $3,000?)

Raise new parser funding

Complete Parser development when funding goal is reached