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BIRD ID#: TBD  
ISSUE TITLE: IBIS-AMI New Reserved Parameter AMI\_Version  
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DATE SUBMITTED: October xx, 2010  
DATE REVISED:  
DATE ACCEPTED BY IBIS OPEN FORUM:

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STATEMENT OF THE ISSUE:

It is necessary that any software tool that uses an AMI model know the revision level of the AMI modeling language that the model is designed to support. The current release of IBIS includes features in AMI modeling that are either removed or deprecated, and in some cases the syntax of the language has been modified. Since IBIS requires that any IBIS file compliant with a specific release of IBIS must also be compliant with any future release of IBIS, the AMI model itself needs to be able to tell the software tool whether it was written to the initial IBIS 5.0 standard or some later standard.

This BIRD proposes a new Reserved Parameter called "AMI\_Version". This parameter will be required for any AMI model that is written according to any standard that supercedes IBIS 5.0.

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STATEMENT OF THE RESOLVED SPECIFICATIONS:

On pg. 144 add the following lines before "Init\_Returns\_Impulse:"

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|*          AMI_Version:
|*
|*          This AMI parameter is required in .ami parameter files
|*          which are referenced by .ibs files marked as IBIS v5.1
|*          or higher, but it is not allowed in .ami parameter files
|*          which are referenced by lower version .ibs files. When
|*          required, this parameter must be the first parameter
|*          defined in the Reserved_Parameter branch of the .ami file.
|*
|*          AMI_Version is an AMI parameter of format Value, Type
|*          String and Usage Info that specifies the version of the
|*          AMI modeling language. For .ami models written to comply
|*          with IBIS 5.1, the value of this parameter shall be "2.0".
|*
|*          Example:
|*
|*          (AMI_Version (Value "2.0") (Usage Info)(Type String))
|*
```

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ANALYSIS PATH/DATA THAT LED TO SPECIFICATION

The parameter defined in this BIRD will permit AMI model developers to programmatically indicate the version of AMI modeling that is supported by this model.

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ANY OTHER BACKGROUND INFORMATION:

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