

Buffer Issue Resolution Document (BIRD)
BIRD ID#: {TBD}
ISSUE TITLE: AMI_parameters_out Clarification
REQUESTOR: Arpad Muranyi, Mentor Graphics
DATE SUBMITTED:
DATE REVISED: May 16, 2011
DATE ACCEPTED BY IBIS OPEN FORUM:

STATEMENT OF THE ISSUE:

The IBIS 5.0 specification has several problems with the definition of AMI_parameters_out.

On pg. 186, section 3.1.2.6 doesn't mention whether AMI_parameters_in and AMI_parameters_out are required for the AMI_Init function, and what the pointer values should be in the absence of any parameters.

On pg. 189, section 3.2.2.4 says that AMI_parameters_out is optional for AMI_GetWave, but doesn't spell out what the pointer's value should be in case the parameter is not used.

The rule for AMI_parameters_in/out for AMI_Init needs to be defined, and the value of the pointer should also be defined in case the parameters are not used to eliminate any ambiguity in the specification.

STATEMENT OF THE RESOLVED SPECIFICATIONS:

- separate the discussion of AMI_parameters_in and AMI_parameters_out into two different sections under AMI_Init
 - 3.2.1.6 for AMI_parameters_in
 - 3.2.1.7 for AMI_parameters_outand consequently bump the remaining sections up by one number
- AMI_parameters_in shall be required (?)
 - empty string allowed for no parameters (?)
 - null pointer not allowed since it is required (?)
- AMI_parameters_out shall be optional (?)
 - empty string allowed for no parameters (?)
 - null pointer is also allowed since it is optional (?)
- Anything else?

ANALYSIS PATH/DATA THAT LED TO SPECIFICATION:

ANY OTHER BACKGROUND INFORMATION:
