IBISv5.0 AMI specification BIRD task list

Description	Clarification or correction	New feature	BIRD file name	Date done
Parser developer questions				
case sensitivity	5.1			
- are .ami files case sensitive? (yes)				
scale factors				
- clarify (no, AMI is a control/initialization syntax) **???**				
line length limit	5.1			
- is there a line length limit in .ami files?				
comment character	5.1			
- what is the comment character in .ami files?				
white space				
- define what it is in .ami files (spaces and tabs)	5.1			
- is CRLF allowed **in .ami files or parameter strings extracted from it?**				
string	5.1			
- define what it is				
integer	5.1			
- define what it is				
float	5.1			
- define what it is				
Init_Returns_Impulse	5.1			
- is the parameter "Default" not allowed for it?				
Init_Returns_Impulse and **GetWave_Exists** True				
- inconsistent (correct) **???**				
min/typ/max				
- define possible values.	5.1			
- is increment always positive?				
- does default have to obey min <= default <= max?				
"Format", "Value", "Default"	5.1			
- define rules				
Syntax for leaf **???**				
Two distinct sections? (Model_specific is optional) **???**				
First Token File Name? (no, just any name) **???**				
Atul NA in Table - Not the same as NA **???**				
As per the above BNF, the Format = Table syntax is invalid. **???**				

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Table 1 and Table 3 of Section 6c have certain ambiguities. Note that these two rules build in an ambiguity about the relationship between "Format" and text strings. **???** What about Format Table, Gaussian, DjRj and Dual-Dirac? **???**				
AMI flow related				
Order of EDA tool convolution and first Tx GetWave call add parameter: Init_Returns_Filter	5.1	5.1	Flow_BIRD_1.txt	April 13, 2010
Ambiguities in text				
clock_times - clarify various topics	5.1			
impulse response - define how it is generated - clarify what is its unit - what should be done in absence of an analog IBIS model? - if Thevenin (LTI) buffer is used, what should be the amplitude? - what tap coefficients should the analog model represent?	5.1			
parameter string (passed into the DLL) - are quotes and other special characters allowed? - clarify rules on how it is extracted from an .ami file	5.1			
List from existing BIRD draft (as of February 23, 2010)				
remove branches: Reserved_Parameters, Model_Specific		5.1+		
remove reserved parameters: Tx_Jitter, Rx_Clock_PDF	??			
remove keywords: Format, Gaussian, Table, DjRj, Dual-Dirac	??			
add keyword: Array		5.1+		

Scott's suggestion:
1) clarification
   - top level clarification BIRD -> full document, rewrite 5.0 with clarifications
    - subset -> clarification sub-BIRD-s to clarify specific things (clock_time, flow, etc…)
2) new stuff in separate BIRD-s (justification and proposed solutions)