

# Chair's Status Report



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Chair, IBIS Open Forum

IBIS Summit  
at DesignCon 2012  
February 2, 2012

<http://www.eda.org/ibis/>

# Agenda

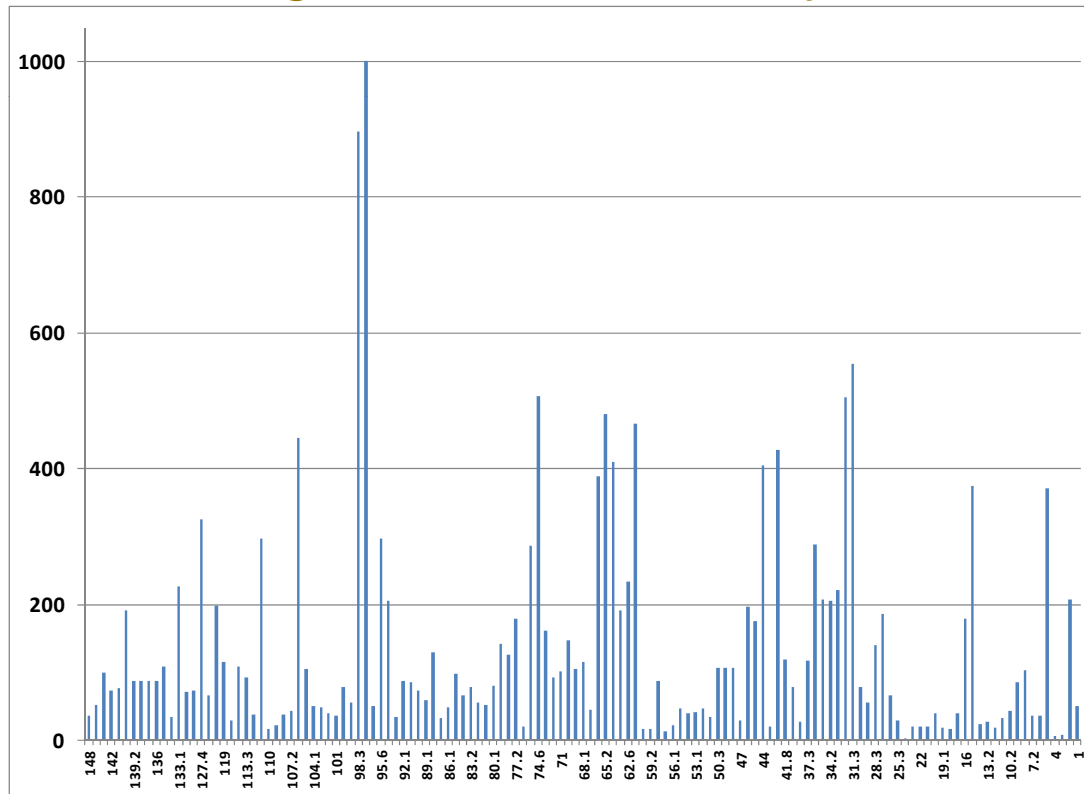
- ★ 2011 Progress (and One Hurdle)
- ★ IBIS Lifetime Statistics
- ★ A Schedule for IBIS Releases
- ★ Looking Ahead

# Progress... and a Hurdle

- ★ 38 BIRDs submitted, 16 approved, 1 rejected
- ★ IBISCHK5, ver. 5.0.7 distributed Oct. 2011
  - <http://www.eda.org/ibis/bugs/ibischk/>
- ★ Asian and European Summits Continue
  - Over 414 attendees in Shanghai, Tokyo and Taipei
  - ~20 attendees at SPI Naples Summit with good in-depth discussions
- ★ IEC standardization of 4.2 through IEEE blocked
  - IBIS 4.2 would have become IEEE P1852
  - But IEEE policy prohibits “double ANSI approval”
  - ANSI submission to IEC likely in September

# Some Statistics

- ★ How long are BIRDs considered?
  - Average days considered: 134
  - Timelines range from 3-1001 days

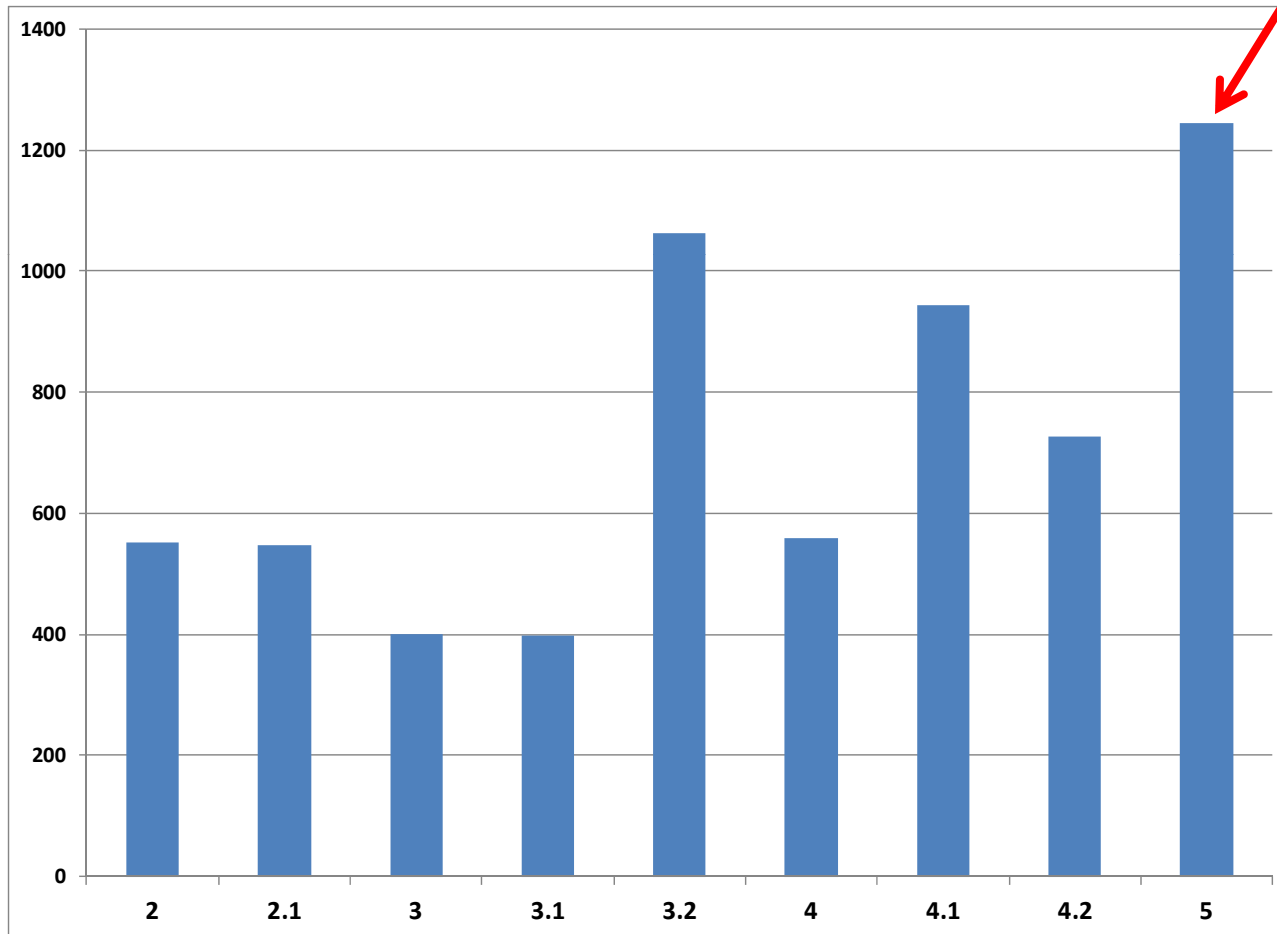


2012 IBIS Summit at DesignCon

# Some Statistics

## ★ IBIS Version “Life Spans” (Days)

To date...



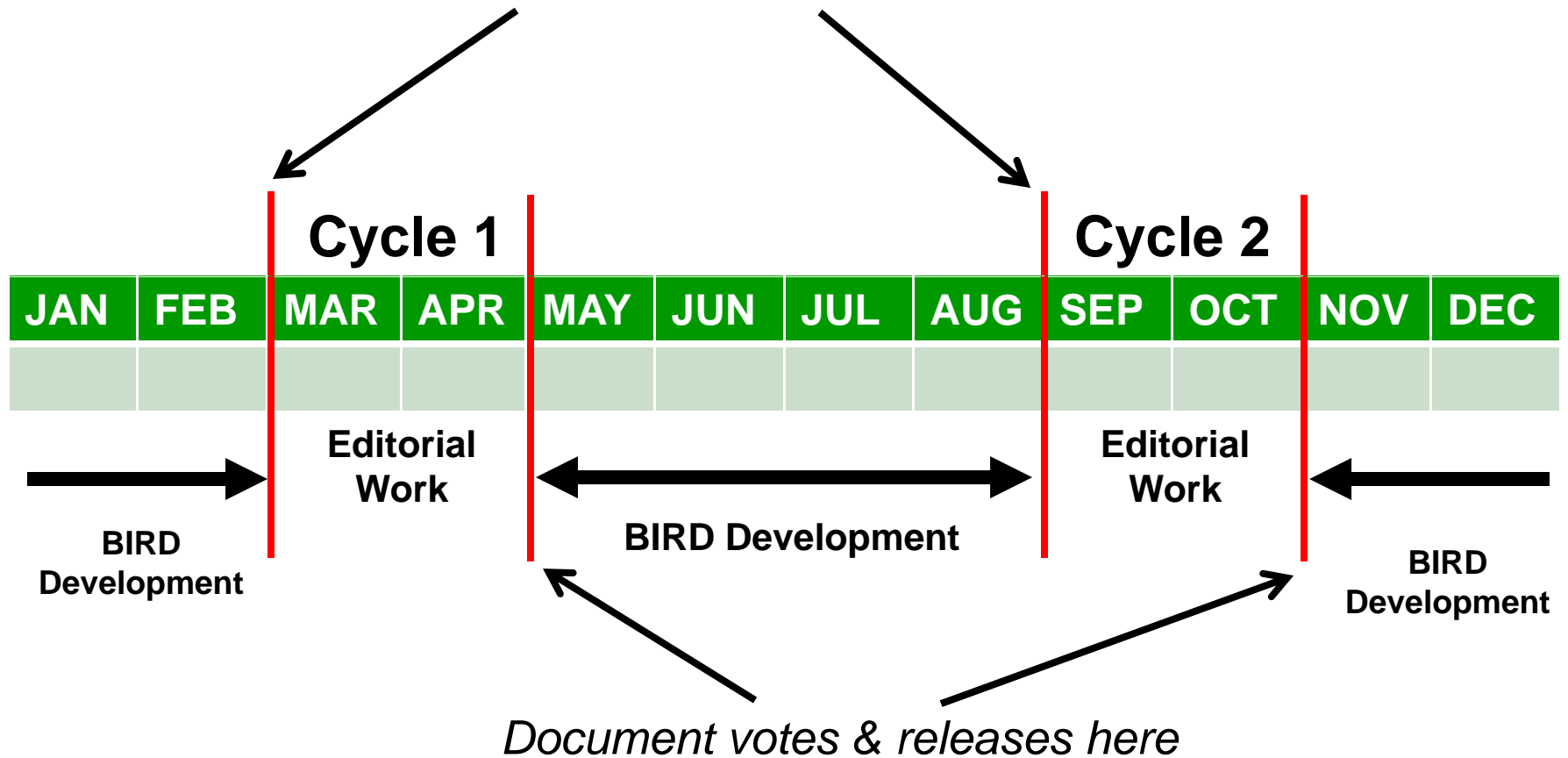
2011 IBIS Summit at DesignCon

# Release Schedule for IBIS

- \* Moving to a regular, software-like release plan
  - Allows better planning by “customers” (IBIS community)
  - Keeps number of changes manageable
  - Reduces & stabilizes parser development cycle time and cost
- \* Two “cycles”, each with two parts
  - Cycle 1
    - \* Nov. – Feb.: technical development
    - \* March 1 – close technical changes
    - \* May 1 – close final document (editorial fixes in-between)
  - Cycle 2
    - \* May – Aug.: technical development
    - \* Sept. 1 – close technical changes
    - \* Nov. 1 – close final document (editorial fixes in-between)

# How Does This Work?

*Parser development can start as early as this point*



# Looking Ahead



- ★ Focus areas for 1H 2012
  - Close final IBIS 5.1 BIRD (149: Usage Out Syntax)
  - Complete IBIS 5.1 reformatting (now in-progress)
  - Vote out IBIS 5.1 in May!
- ★ Parsers for IBIS 5.1 and IBIS-ISS
  - Calls for parser bids ready for IBIS-ISS
- ★ Administrative improvements
  - Move to Mantis system for BIRDS and BUGs

Thanks for another great year!

# Backup

# IBIS 5.2 BIRDS So Far

★ BIRDS may be added to later versions

BIRD No.	BIRD Name	Date Accepted
147	<a href="#">Back-channel support</a>	Pending
145.1	<a href="#">Instantiation of IBIS I/O buffers in an [External Circuit] using the [Model Call] keyword</a>	Pending
144.1	<a href="#">Add TOUCHSTONE to [External Model] and [External Circuit] as a Supported Language</a>	Pending
131	<a href="#">IBIS-AMI Repeaters</a>	Pending
129	<a href="#">Add "polarity" Argument to D to A Converters</a>	Pending
128	<a href="#">Allow AMI parameters out to pass AMI parameters in data on calls to AMI GetWave</a>	Pending
125.1	<a href="#">Make IBIS-ISS Available for IBIS Package Modeling</a>	Pending
124	<a href="#">IBIS-AMI New Reserved Parameters for Dependency Tables</a>	Pending
123.2	<a href="#">IBIS-AMI New Reserved Parameters for Jitter/Noise</a>	Pending
122	<a href="#">IBIS-AMI New Reserved Parameters for Analog Modeling</a>	Pending
121.1	<a href="#">IBIS-AMI New Reserved Parameters for Data Management</a>	Pending
118.2	<a href="#">Analog Parameter Assignments</a>	Pending
117.3	<a href="#">Parameterize A to D and D to A Converters</a>	Pending
116	<a href="#">Add IBIS-ISS to [External Model] and [External Circuit] as a Supported Language</a>	Pending

Q/A