

# IBIS Chair's Report & Roadmap Update



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Intel Corp.

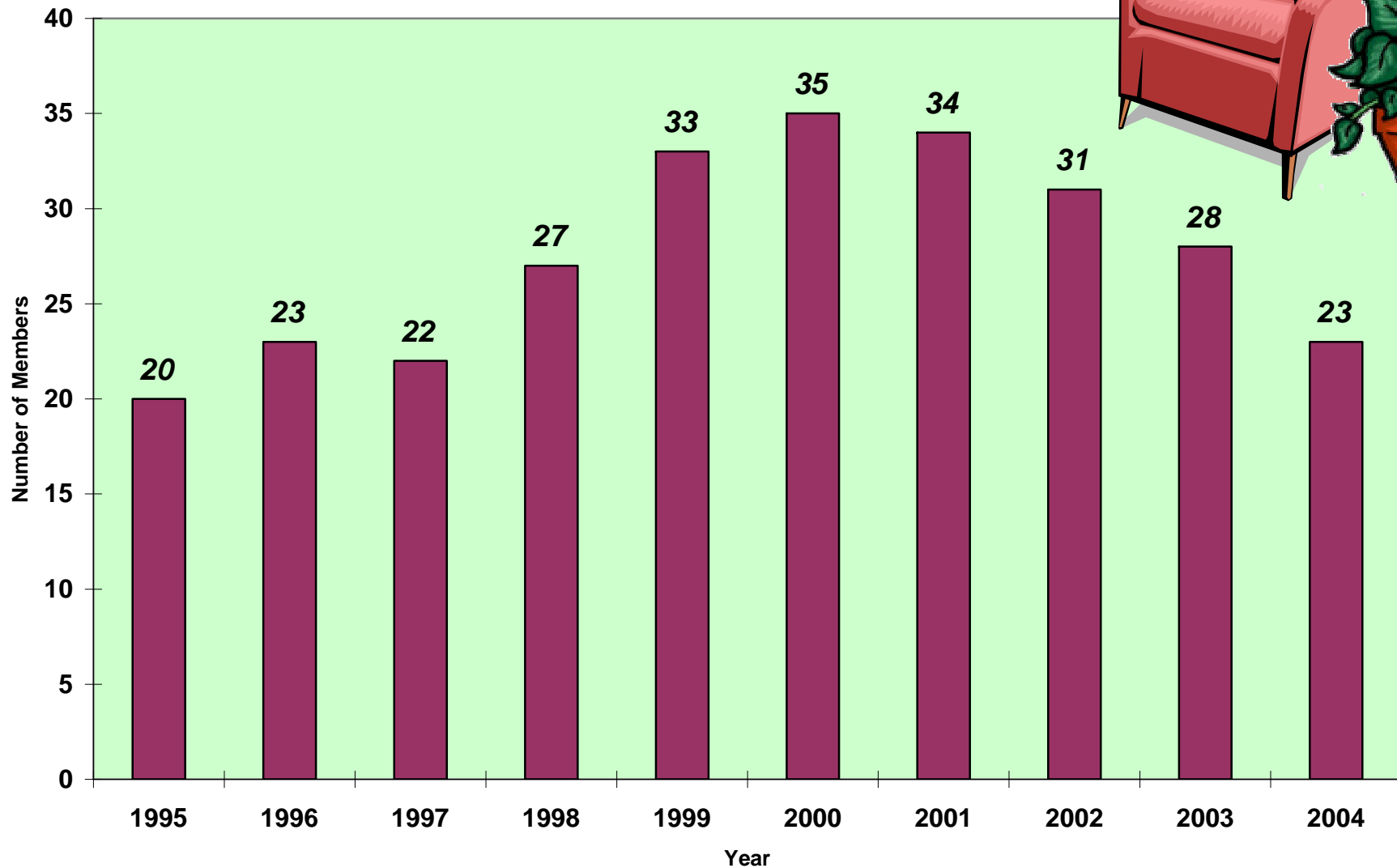
IBIS Summit  
DesignCon 2005  
January 31, 2005

# Status of IBIS

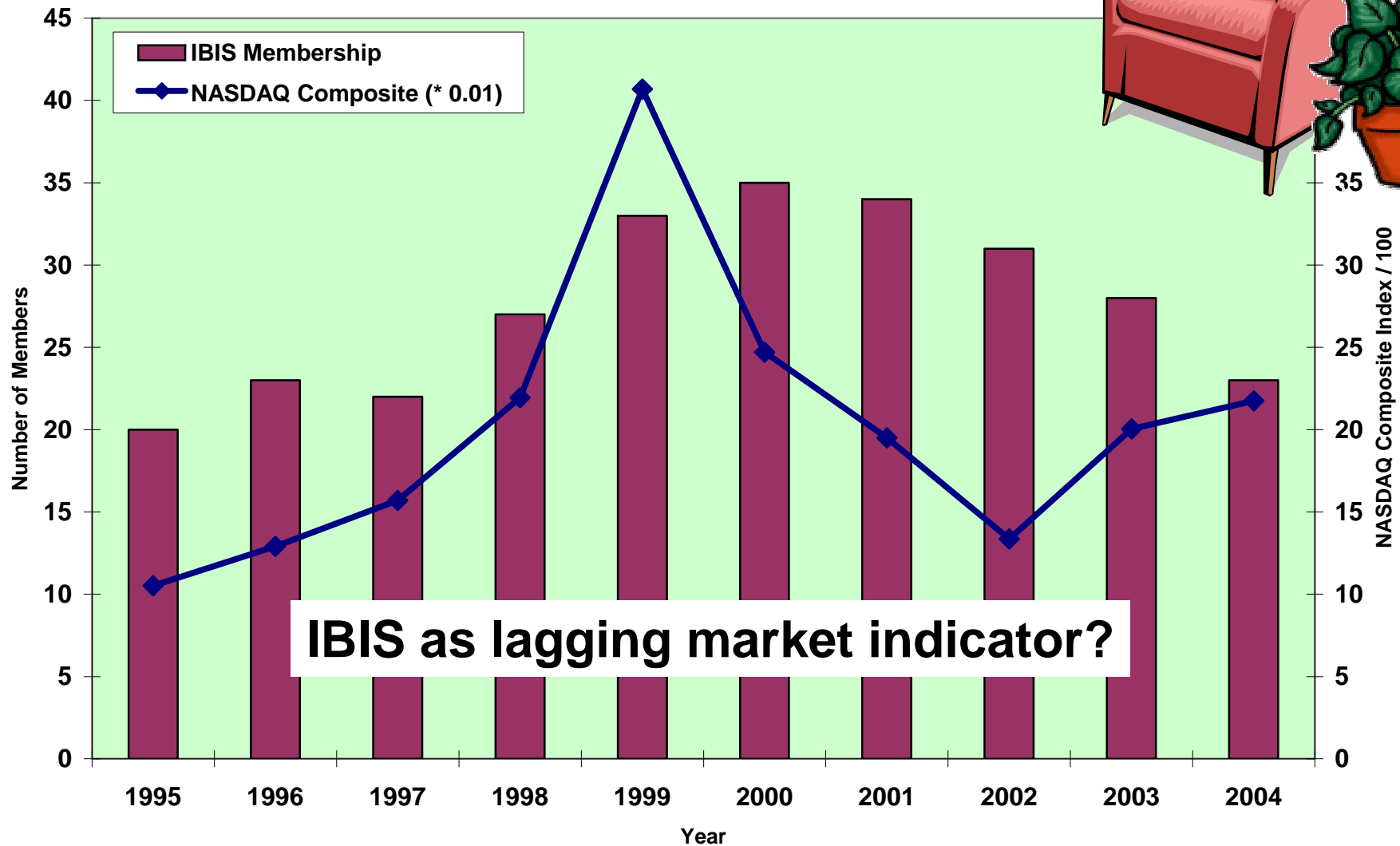
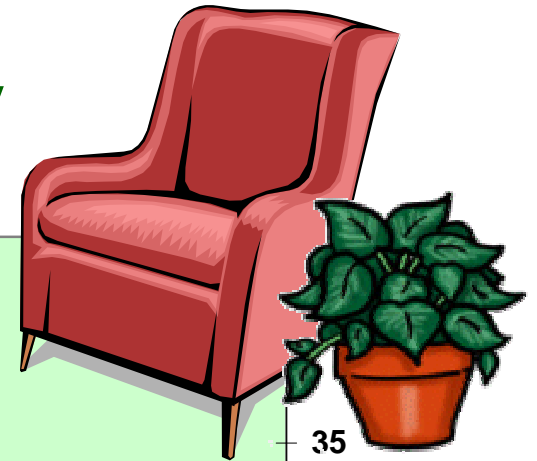
- ★ IBIS 4.1 parser development nearly complete
  - Beta code has been distributed
  - Final code on-track for Q1 release
- ★ Feature set for ICM 1.1 closed
- ★ Membership for 2004: 23 organizations
  - Trending toward 30 members for 2005
  - 15 IBIS 4.x parser licensees
- ★ IBIS 3.2 reballot for EIA approval complete
  - Data being processed by the GEIA
- ★ Committees highly productive
  - IBIS Quality Committee generating Golden Parser feedback
  - Cookbook for IBIS 4.0 to be issued March 1
- ★ Web presence continues
  - Model library and membership roster, virtual poster regularly updated



# Membership History



# ... and Tech Economy



*Data from NASDAQ.com,  
reflects end-of-year closing*

DesignCon 2005 IBIS Summit

# Short Term Direction



- ★ Secure IBIS finances
  - Maintain today's membership trend
  - Obtain 2 additional parser licenses
- ★ Complete and distribute 4.1 parser
- ★ Complete ICM 1.1 review and publish!
  - Parser update requires three weeks or less
  - Open Forum is prepared for EIA/ANSI ballot
- ★ Prepare ICM Cookbook
- ★ *Alert the industry to all of the above!*

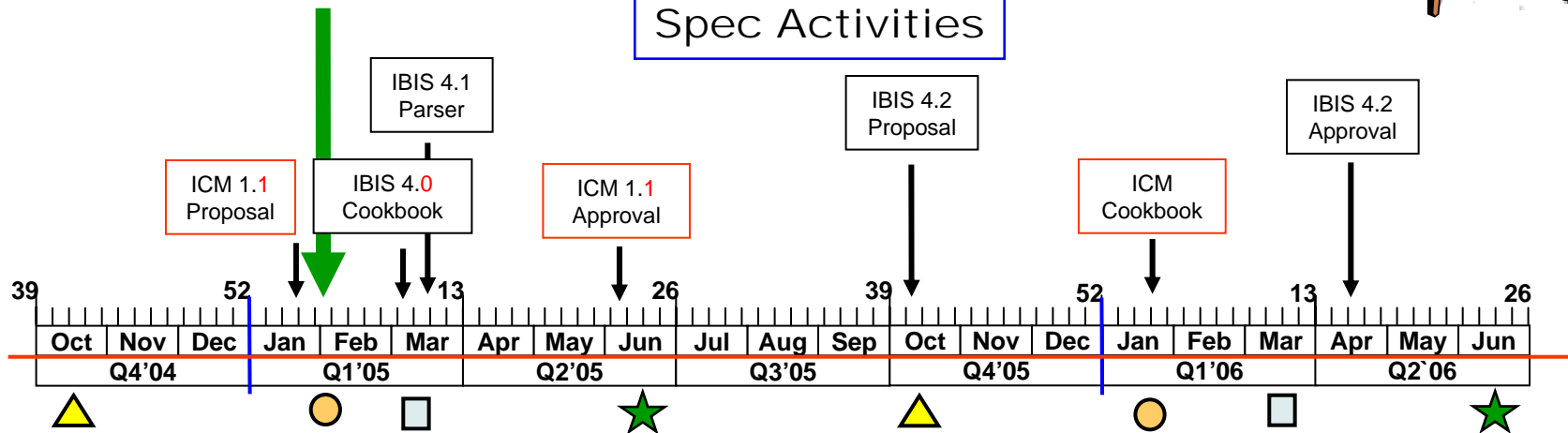
# IBIS Timeline



## Not Shown

- July, 2002: IBIS 4.0 approved
- Sep., 2003: ICM 1.0 approved
- Jan., 2004: IBIS 4.1 approved

## Spec Activities



## Summits

- ★ DAC
- DATE
- DesignCon Summit
- ▲ PCB East

*E-Roadshows on hold*

*Regular summits  
in Asia starting  
in '06?*

# Long Term Direction



- ★ Next IBIS version?
  - New feature proposals: power integrity, links to ICM specification
- ★ Parser licensees receive free 4.x upgrades
  - *Realistically, funds do not exist for another parser with significant changes in 4.x series*
- ★ Therefore, IBIS 4.2 should not be revolutionary
  - “Clean-up” only, fixes to critical syntax issues
  - Preparation for EIA/ANSI ballot (possibly IEC)
- ★ IBIS 5.0 – let’s start considering it
  - BIRD 74.6: EMI parameters
  - Power integrity? ICM links for package?
  - User-defined measurements?

What does the IBIS baseline need to be  
for the next five years?

# Thank you!



*We are grateful for your support!*

*Let's keep building momentum in  
2005 and beyond!*