



# Options for Future Explorer Program

In response to the President's FY05 budget proposal

Paul Hertz

Explorer Program Scientist  
Office of Space Science

SScAC and Subcommittees  
February-March, 2004

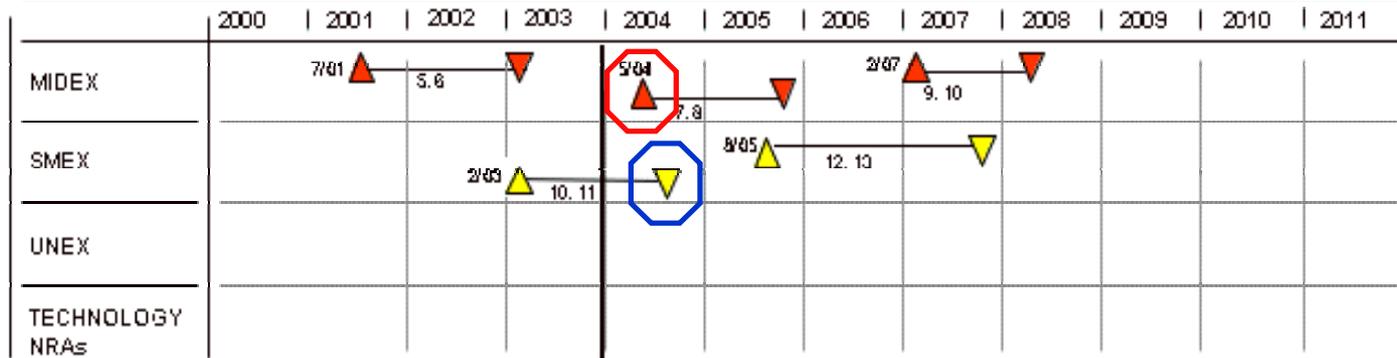




# Explorers

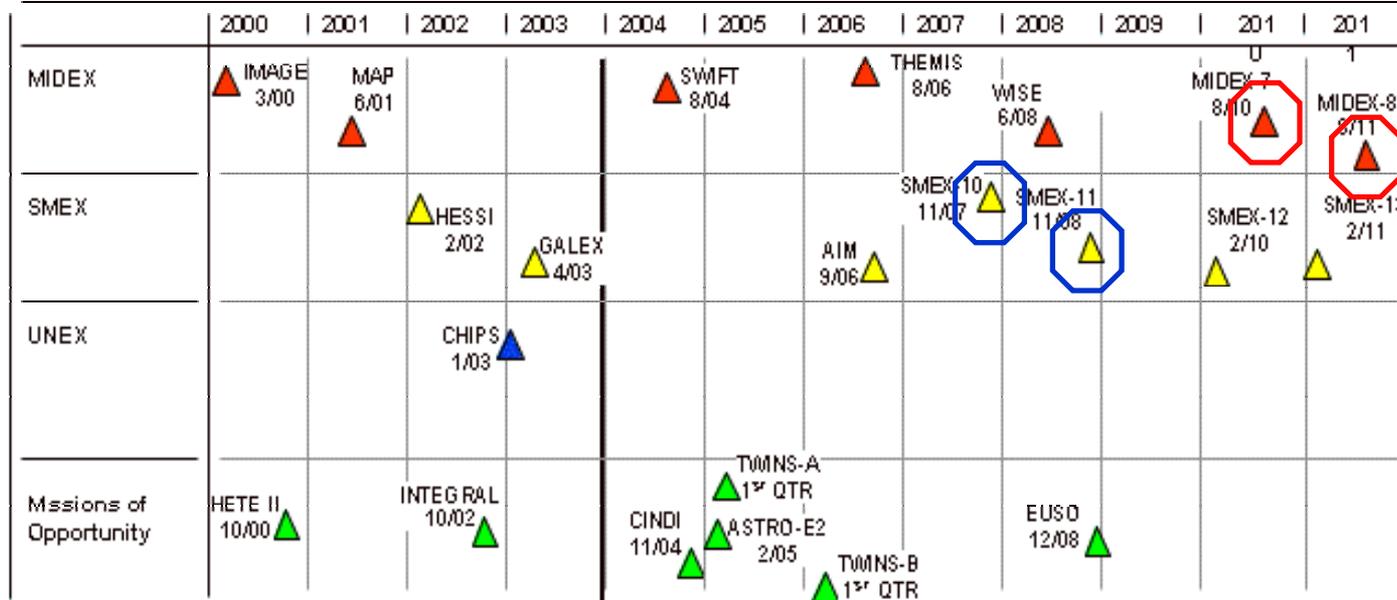
## Announcements of Opportunity

12/8/03



▲ = Issued ▼ = Selected

## Launch Schedule





# Explorers

---

- President has proposed a significant decrease in out year Explorer funding compared with planning budget
  - No impact on already selected missions
  - Significant budget reduction for near term (FY05-08) makes it difficult to get missions started
  - Results in decreased rate for future selections
- Planning budget supported
  - Downselect to 2 SMEX's in November 2004 (out of 5 conducting Phase A mission concept studies) for launch in Nov 2007 and Nov 2008
  - Release of MDEX AO in May 2004 for 2 missions to launch in Aug 2010 and Aug 2011
- Must trade number of SMEX missions approved against delay in SMEX and MDEX launch dates
- SScAC will be asked for advice at March 25-26 meeting



# Explorers

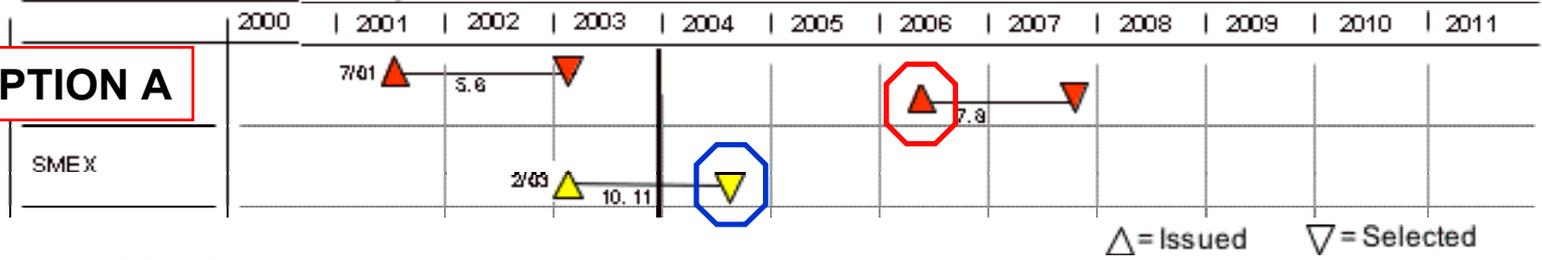
---

- Planning budget supported
  - Downselect to 2 SMEX's in Nov 2004 for launch in Nov 2007 and Nov 2008
  - Release of MIDEX AO in May 2004 for 2 missions to launch in Aug 2010 and Aug 2011
- Option A
  - Downselect to 2 SMEX's in Nov 2004 with a 9-12 month delay in launch dates (relative to planning budget dates)
  - Delay of MIDEX AO release (and launch dates) by 18-24 months
- Option B
  - Downselect to 1 SMEX in Nov 2004 with a 3-6 month delay in launch date
  - Delay of MIDEX AO release by 9-15 months
- Also
  - Selecting ANITA (mission of opportunity) delays SMEX launch by ~3 months and MIDEX AO release by ~3 months
  - Canceling EUSO (mission of opportunity) pulls back SMEX by ~3 months and MIDEX AO release by 3-6 months

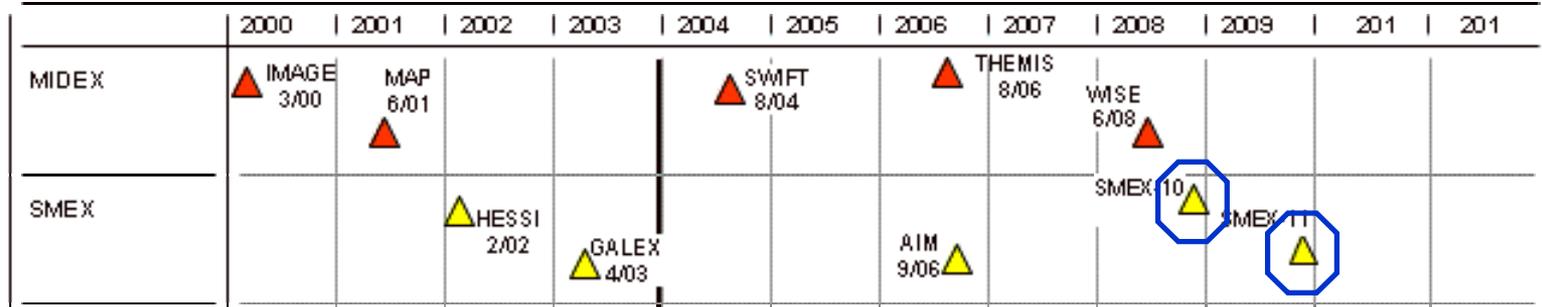
**Announcements of Opportunity**

12/8/03

**OPTION A**



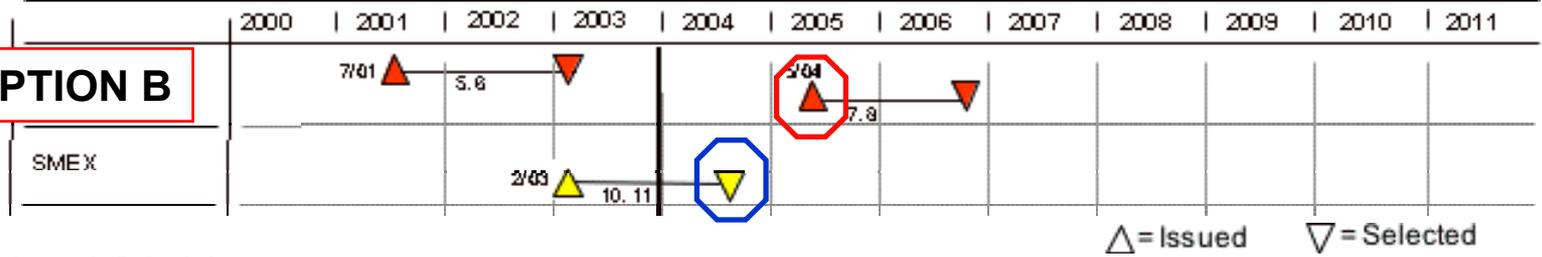
**Launch Schedule**



**Announcements of Opportunity**

12/8/03

**OPTION B**



**Launch Schedule**

