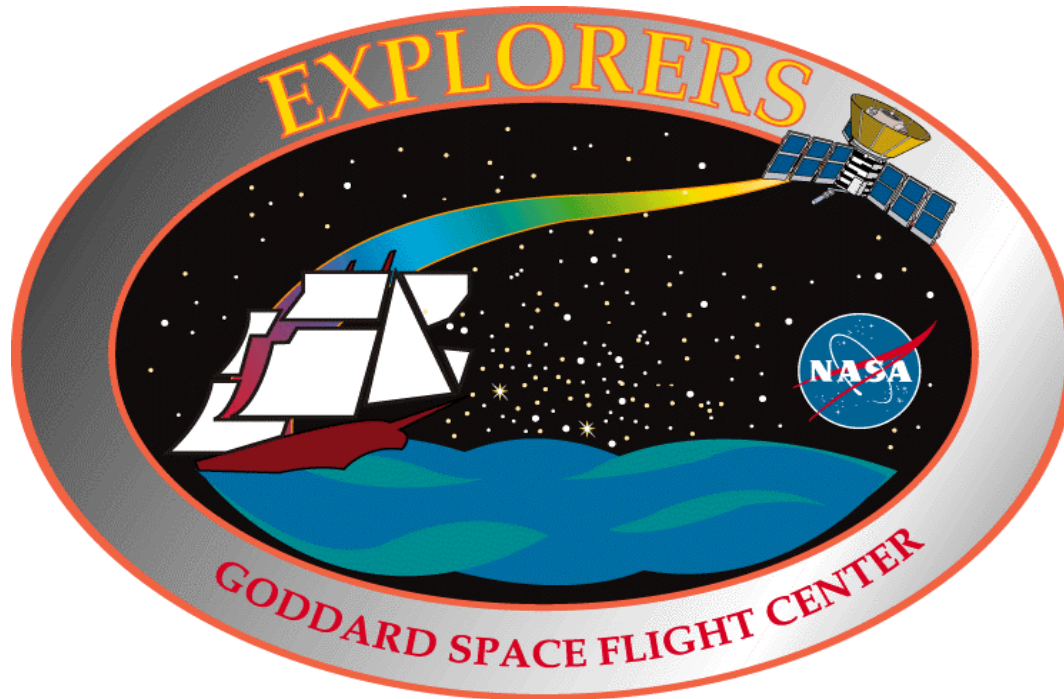


SMEX Class D Principal Investigator Led Missions

November 6, 2007



Jim Watzin
Associate Director Code 400 for Heliophysics Projects

Joe Dezio
Explorer Program Manager

Explorer Missions

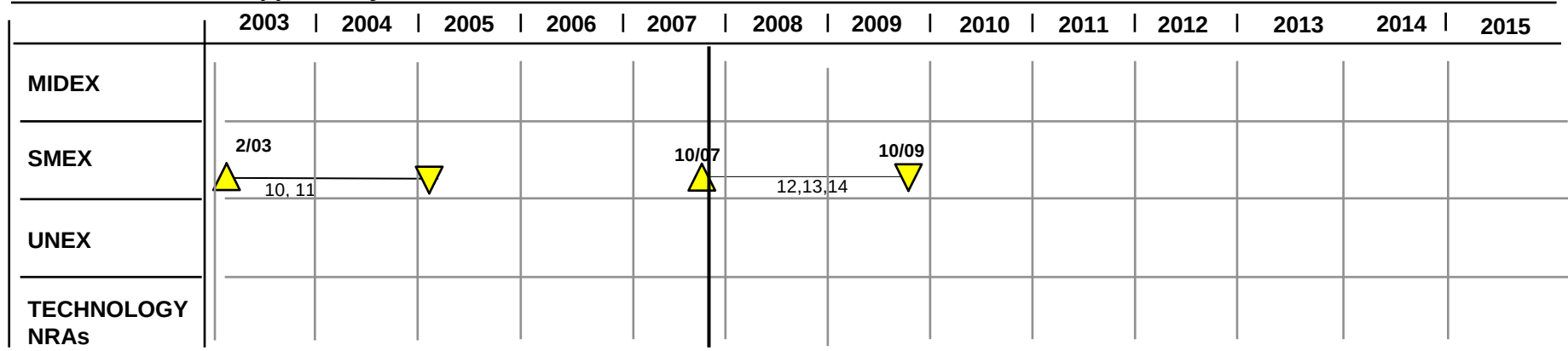


Explorers Schedule

POP 07-1

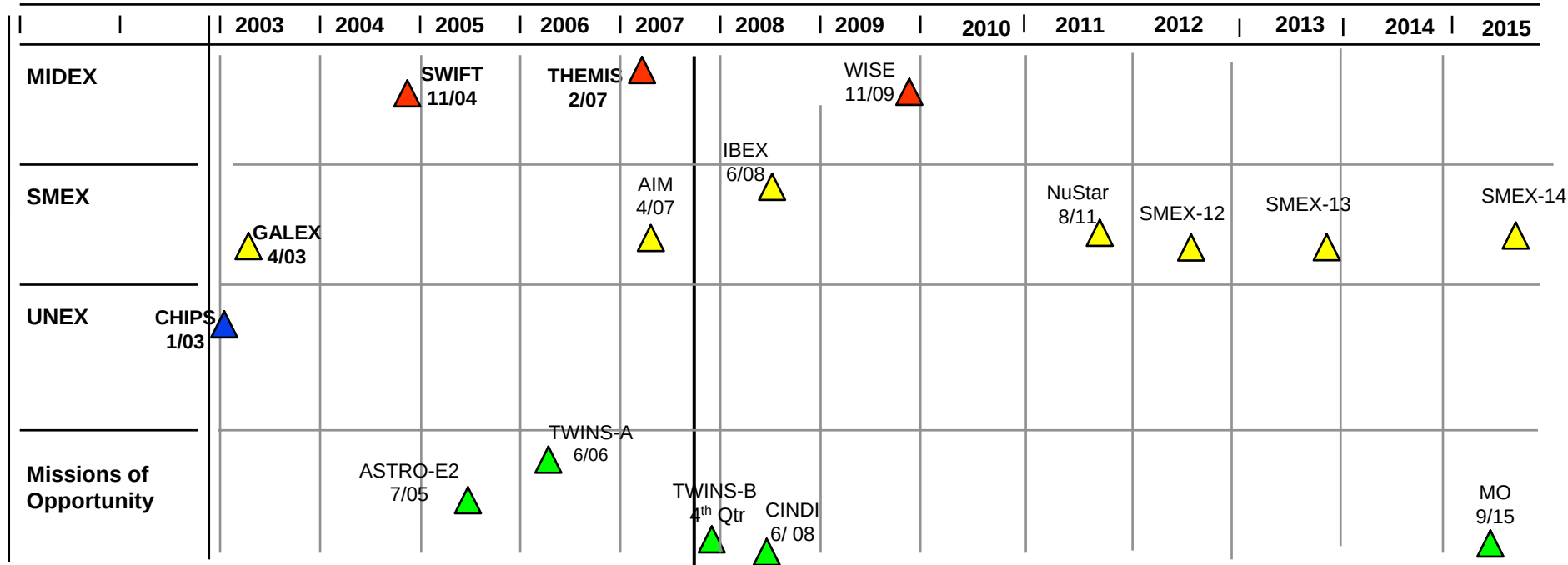
Announcements of Opportunity

11/1/07



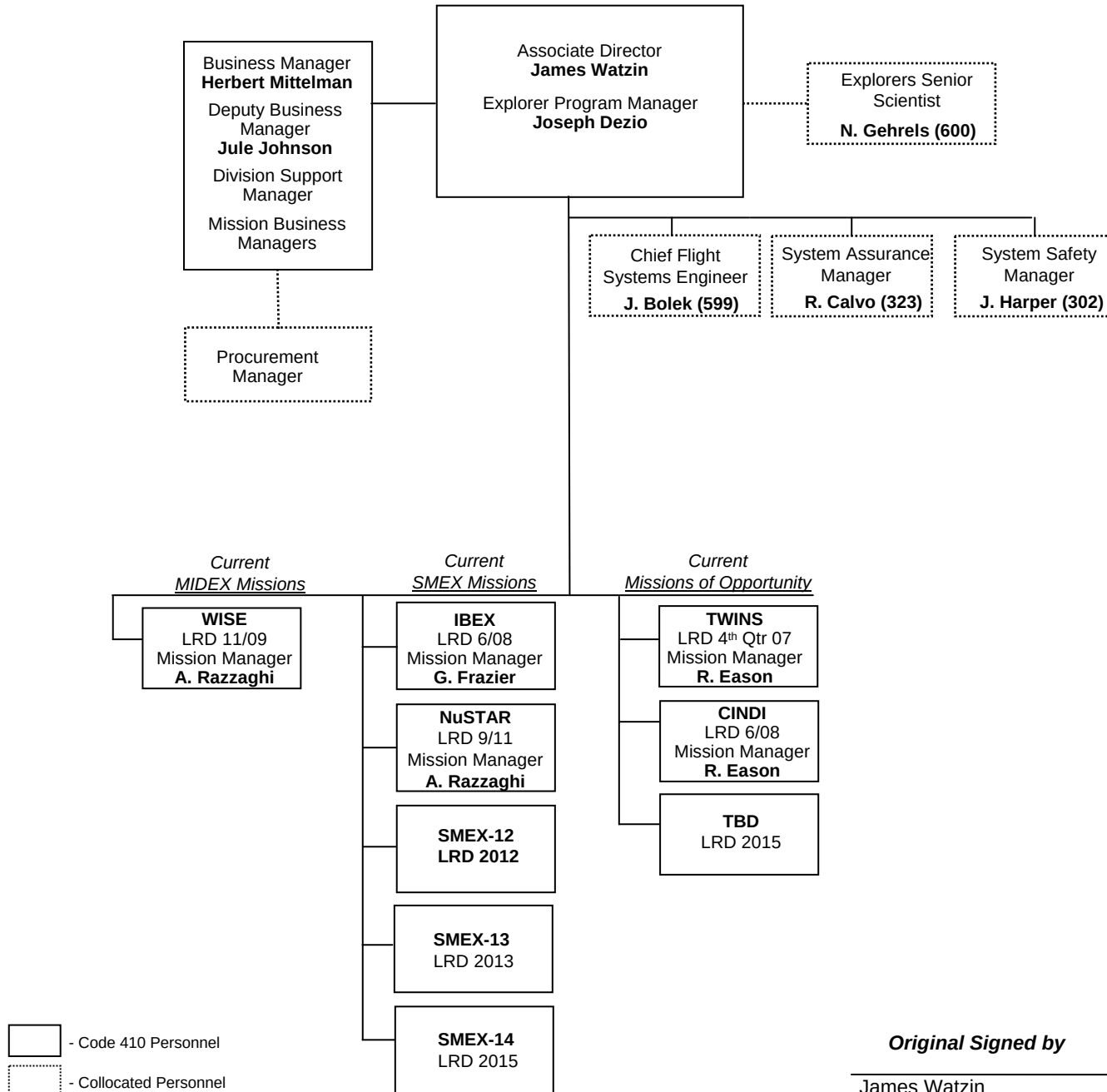
△ = Issued ▽ = Selected

Launch Schedule



Explorers Division Code 410

10/22/07



Original Signed by

James Watzin
Division Manager

Date

“Tailored D Classification” Will Improve Programmatic Relevance

- SMEX science buying power has been decreasing
 - Increased conservatism
 - Lengthen development schedules
 - Increased review & oversight
 - High launch costs
- PI responsibility has been eroding
 - Increased oversight
 - Emphasis on NASA standards & processes
 - NASA verification & surveillance

SMEX “Tailored D Class” Risk/Benefit Comparison

- Risks
 - Single string implementation
 - Streamlined review process
 - Provider design standards
 - Provider mission assurance
- Mitigations gained through Program tailoring
 - Approved Implementation Plan at Confirmation
 - Class C EEE parts
 - Class B test program
- Benefits
 - Greater team empowerment
 - Improved cost performance
 - Quicker development timeline