

# ATLAS Pixel System Mechanics Schedule

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# Some Mechanics Definitions

Modules: Basic detector and electronics unit.

Sector: Sector of disk. Basic structural, cooling and alignment unit for modules. Local support.

Disk: Composed of 10 or 12 sectors with support ring and kinematic mounts.

Module Attachment: Precision placement of modules on sectors.

Support Structure: Support frame for entire pixel detector. Global support.

## Baseline Milestones vs Current

Milestone	Baseline	Current
Engineering Review at Cern	Oct. 20, 98	Complete
Sector PDR	Sep. 1, 99	Sep. 1, 99
Select Sector Baseline Concept	Sep. 1, 99	Sep. 1, 99
Module Attach CDR	Sep. 1, 99	Sep. 1, 99
Compl. Test First Disk Prototype	Sep. 1, 99	Sep. 1, 99
Compl. Test Disk Prototypes	Dec. 21, 99	Dec. 21, 99
PRR for Sectors	May 3, 00	May 3, 00
Disk PDR	May 3, 00	May 3, 00
Module Attach PDR	May 3, 00	May 3, 00
Support Structure CDR	May 3, 00	May 3, 00
Compl. Test Proto. Mod. Attach	May 3, 00	May 3, 00
Disk PRR	Feb. 2, 01	Feb. 2, 01
Module Attach PRR	Feb. 2, 01	Feb. 2, 01
Support Structure PDR	Feb. 2, 01	Feb. 2, 01
Compl. Test Supp. Struct. Protos.	Feb. 2, 01	Feb. 2, 01
Support Structure PRR	Jan.16, 02	Jan.16, 02

# Comments on Mechanics Schedule

Select Sector Baseline Concept:

Have chosen ESLI all-carbon sector as preliminary baseline.

Compl. Test First Disk Prototype:

Strongly dependent on ESLI providing full complement of 12 sectors and disk support ring.

At present mechanics is on schedule.