Detector: Implementation

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20 March 96

Current Detector Implementation activities:

- Lasers/Optics
    - › Yag laser development (contract)
    - › Pathfinder optics process, production
    - › Input/Output optics definition
- Suspension/Isolation
    - › design of single-sling suspension, controllers
    - › stack refinement (contract), requirements
- **Interferometer Sensing/Control**
    - › **Length: locking modeling, servo systems, requirements**
    - › **Alignment: requirements, design**
- **Physics Environmental Monitor**
    - › **requirements and conceptual design**
- CDS
    - › architecture and requirements, interfaces
    - › integration tests on 40m
- **SYSTEM**
    - › **requirements flowdown, interface issues**