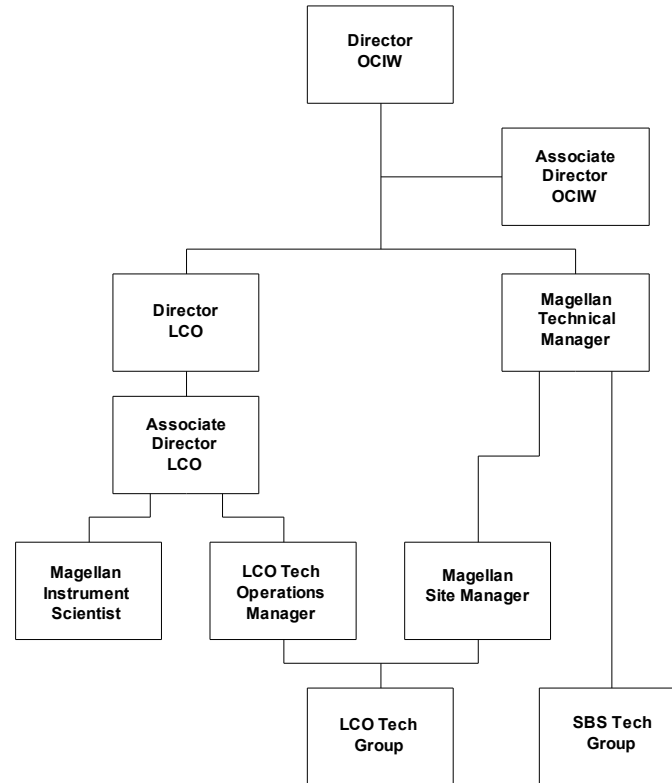


Technical Manager's Report

Magellan SAC Meeting

November 9-10, 2003

Organization Chart



Construction to Operations

- Current staff supports routine operations
- Large work backlog requires more people
- Suggested additional staff:
 - Telescope scientist/engineer
 - Electronics engineer

Incoming Instruments

- MIT spectrograph (med resolving power, optical)
- F/5 secondary (MMT copy)
- F/5 wide field corrector
- MMIRS (dispersed flamingo)
- SAO Megacam (optical imager)
- Tip-tilt secondary control (like du Pont)
- IMACS tunable filter (etalon)
- LDSS upgrade (new optics, CCD)
- F/11 adaptive optics secondary (U of A 672-actuator thin mirror)
- FourStar (OCIW NIR imager)
- CFH12K?

Priorities

- Flexibility vs. Efficiency
- UV vs. Optical vs. NIR vs. IR
- Wide field vs. best imaging
- High, medium, low resolving power

Setting Priorities

1. Human safety
2. Instrument and telescope safety
3. Things that prevent observing
4. Other

Items 3 and 4 need clarification

Telescope Priorities

What are the SAC priorities for telescope performance?

- Science priorities
- System uptime
- Image quality
- Telescope field
- Observing efficiency

Instrument Priorities

What are the SAC priorities for incoming instrumentation and improvements?