

LIGO-India as a project (as I see it..)

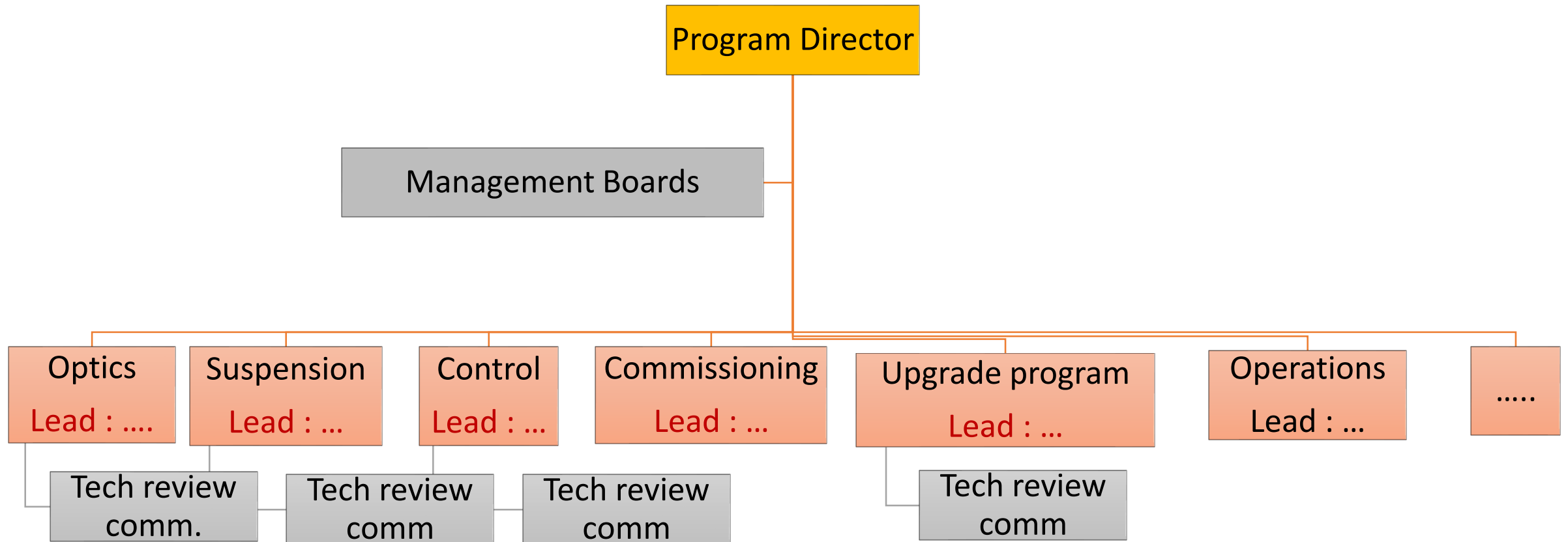
Near-term needs :

- Obtain full funding
- Early recruitment of additional staff
- Establish smooth communication channels among core stake holders
- Enforce practice of detailed documentation
- Establish a rigorous review process for various stages with independent experts
- Monitor LIGO-India construction phase – keeping within schedule
- Comprehensive schedule maintenance – basis of re-plan, re-work or contingency plan
- Training for Commissioning phase
- Operating LIGO-India as a disciplined Laboratory for few decades
- Planning and implementing upgrades

Need to address ...

- Varied institutional environments – approach to purchase, hiring, travel, outreach, etc
- Weak coupling between the User scientists and the Instrumentation team
- Need an interface team of a dozen that can bridge user-community with experimentalists / engineering groups. This team will evolve to ensure a thorough understanding of all aspects of LIGO-India hardware – could play key role during commissioning.
- Need stronger participation of experimental teams at LIGO-India gatherings
Future LIGO-India meetings could be held at one of the 3 lead centers (in rotation) with emphasis on developmental activity discussions –.
- Build a strong Ph.D student program linked to instrumentation and anticipated science (across institutions).

A suggested model....



Early issues to be addressed

- Converge on model to augment the current management setup
 - Discussion and convergence amongst lead institutes is key
- Identification of Project Leads for sub-systems (careful selection of personnel best suited for a given task)
- Put in place authority for senior project leads to exercise decision making and expanded financial authority (within the realm of GFR rules) – eg: blue book of TMT (singled off by DST and DAE) – travel approval
- Convergence on plans to augment staff who will be available upto commissioning and beyond.
- Prepare and update (daily) a comprehensive, schedule for decision making.
- Model for operational phase to be identified and work initiated.
- Personnel training to be put in place at the earliest