

Reports of Systems Engineering Office

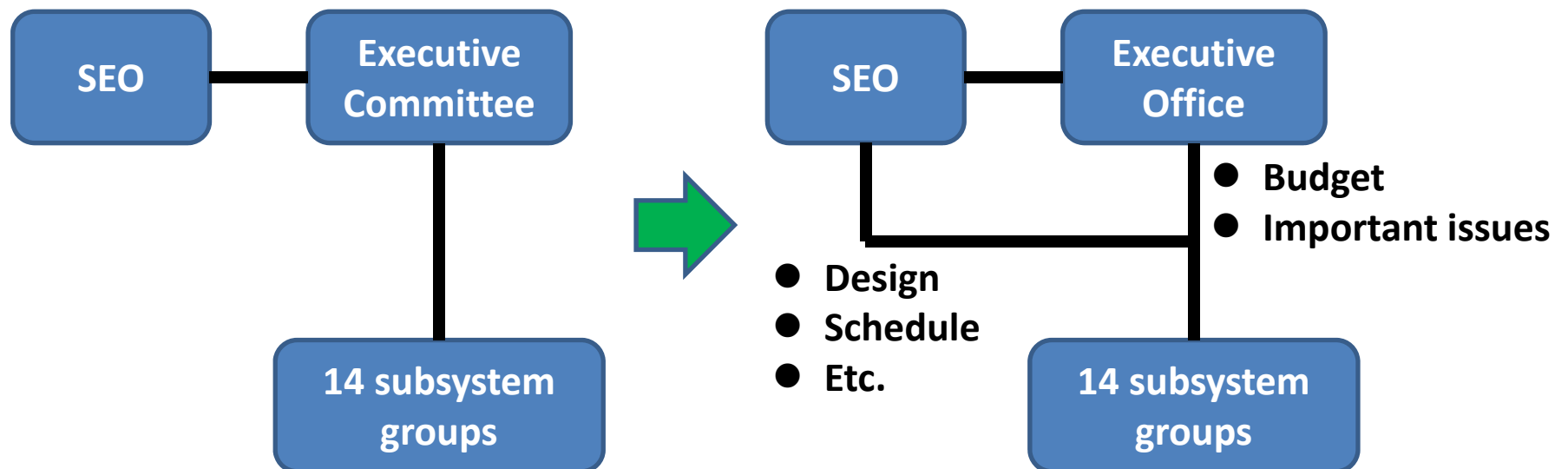
KAGRA F2Fmeeting

July 30, 2012

Seiji Kawamura (ICRR)

Clarification of the role of Systems engineering office

The organization chart was modified to reflect the actual flow of the reporting system.



Major activities since the last F2F (Feb. 2-4, 2012)

- **Interface control document: updated/improved**
-> **Somiya's talk**
- **Installation & commissioning plan: discussion started**
-> **Kawamura's talk**
- **Risk management: system established**
-> **Ando's talk**
- **External review: held on Apr. 17-20, 2012**
Internal review: A/Is followed up
-> **Kawamura's talk**
- **Progress assessment: system established**
-> **Miyoki's talk**

Activities

related to enhancing human resources

- **Analog electronics: Miyakawa-kun agreed to lead the group**
- **Facility: Miyoki-kun in charge**
- **Niigata University:**
 - discussion on possible collaboration among Sato-san, Telada-kun, and Kawamura
- **Toyama University:**
 - See next page for details

Background

- **Toyama University is located relatively near the KAGRA site.**
- **Many years ago Kawamura visited Toyama University and encouraged them to join LCGT.**
- **Ohashi-san invited some people to see CLIO (?)**
- **In January 2012, Miyakawa-kun and Kawamura visited Toyama University and discussed the possible collaboration. (Kawamura gave a talk about KAGRA.)**

1st Toyama University-KAGRA Workshop

- July 7, 2012
- @ Toyama University
- Eleven KAGRA members attended the workshop.
 - Kajita, Nakatani, Kawamura, Mio, Ando, Kanda, Miyakawa, Uchiyama, Telada, Yamamoto, Tatsumi
- More than 30 members of Toyama University (Science and Engineer) attended the workshop.



Status and future plan

- **Discussion on collaboration: in progress**
- **Kamioka tour: to be held on Sep. 27**
 - Discussion underway: Matsushima-san, Moriwaki-san, Miyakawa-kun, Kawamura, Nakano-kun
- **Science-Engineering joint exhibition in Toyama Univ.: KAGRA booth**
 - Hirabayashi-san, Miyakawa-kun, Nakano-kun
- **Joining KAGRA: next F2F?**

Other activities since the last F2F

- **Submitted the recommendation of removing the stacks from Isolation system for iKAGRA**
- **Considered response to some recommendations by Program Advisory Board**
- **Invited Mike Smith for AOS**
- **Clarified the objectives of bKAGRA**
- **Established the name and requirement for duty factor**

Other activities since the last F2F

- **Revised System Engineering Management Plan**
- **Established the order of subsystems**
- **Submitted the recommendation about the priority of recruit among subsystems**
- **Determined names of the tanks, etc.**
- **Initiated bi-weekly progress report to EO**