

KAGRA tunnel safety ~~lecture~~ → control plan

KAGRA safety control office

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Current status of safety control

- Basically, **the University of Tokyo is already responsible for safety** of research activities in KAGRA tunnel.
- Safety control office in cooperation with Kamioka branch will start detailed discussion on KAGRA tunnel safety after this meeting.

Contents

1. Education and Procedures required to work in the tunnel/入場手続

1: Registration/初期登録

2: working permission request/作業許可申請書

3: daily check/入出届

2. Act on Emergency/緊急時

1. Map of KAGRA tunnel/地図

2. Emergency contact network/連絡

3. Others/その他

1. Procedures and educations required for work in KAGRA tunnel

1. Registration (update once per year)
2. Working permission request
(a month or at least 2 weeks before)
3. daily check

Register your personal information (submit to safety control office)

Registration form 登録申請書

Name/氏名:

Institution/所属:

Supervisor (students only)/指導教官(学生):

Emergency contact/緊急連絡先:

Insurance/保険:

Licenses (crane, forklift, laser, car, etc.)免許:

Record of participation to safety lectures 受講記録:

(high pressure gas, organic solvent, machine tools, etc)

A person in charge

submit application to Kamioka branch

working permission request作業許可申請書

Period/期間:

Place/作業場所:

Names of all persons who come to the site/全員の氏名:

登録済みの方のみ入場可能※registered person only

Chief (a person in charge)/作業責任者:

Use of hazardous materials/使用危険物:

crane, forklift, laser, organic solvents, cars, etc.

Others/その他:

clothes, shoes, lunch box, accommodations, ...

作業服、安全靴、弁当、宿泊、...

Work application will be checked by

- Task managers (Uchiyama-san and Saito-san) who control the whole process in the tunnel.
adjust work schedule and place
- KAGRA safety control office
hazardous materials, licenses, ...
- Administrative office
clothes, shoes, lunch box, accommodation...

2.1 fill the **every day** check sheet

Entrance/Exit Check sheet 入出届

Names of All members:

Chief:

Entrance time:

Work Place:

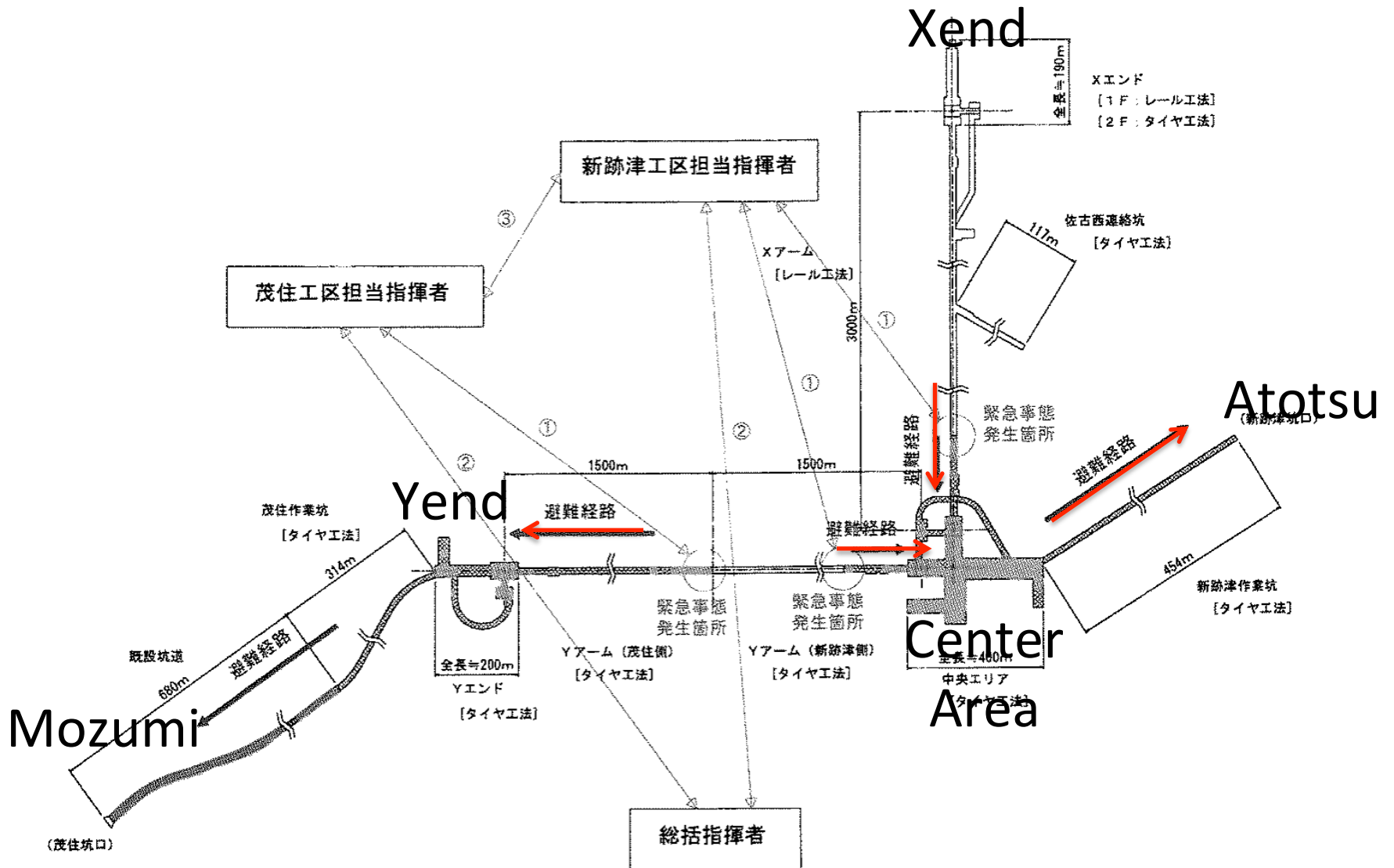
Finish time:

Cars and the driver:

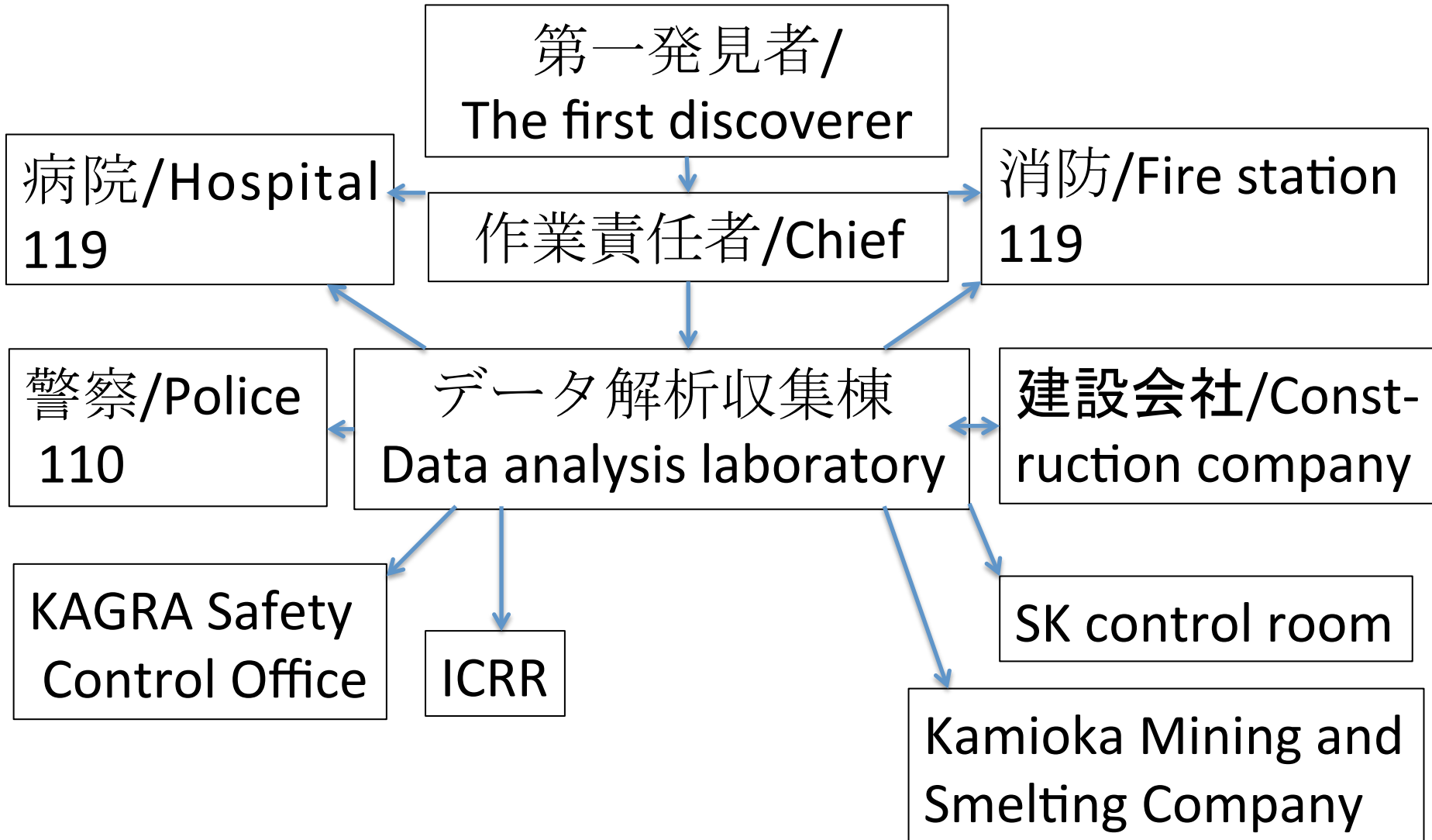
Cleaning check:

2. Act on emergency

KAGRA tunnel map



Emergency contact network



Other rules and cautions (misc.)

- Shoes, clothes, helmet with flashlight, and oxygen monitors will be provided.
- Alcohol and smoking are prohibited.
- Note that there is no lavatory in the tunnel.
- Go outside the tunnel during lunch break.
- If you feel bad, please contact the chief immediately.
- Overtime work need permission beforehand.
- Use of organic solvents is basically prohibited.

Summary

- We are now preparing safety related things;
 - Safety management system
 - emergency contact network
 - Safety manual, rules
 - protective equipment(helmet, shoes, clothes, etc.)
 - Sensors(oxygen, radon, wind speed, etc.)
- Detailed discussion will start after this meeting.
- We are planning to make safety lecture on September.