

KEK/J-PARC (+T2) view of the reception, installation, commissioning at T59 and beyond

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Since I'm not a KEK staff nor J-PARC staff, what I present is
not the KEK/J-PARC official statement,
but just my understandings.

History so far,

- In general, they also want good activities at the neutrino facility B2 floor.
- However, there had been communication issues between the Wagasci group and KEK/J-PARC-neutrino group.
 - WAGASCI updates had not been reported promptly to KEK/J-PARC
- Issues have been largely resolved in these three months. Then, they finally decided to provide 400 V power line.

What is remaining to convince KEK/J-PARC for installation

- More detailed installation plan, especially prevention of turnover during movement at B2.
 - My personal suggestion is to move two modules separated by some gap, but connected by beams, at once.
- We should have a presentation to them, and get feedback.
 - It would take ~2 weeks.
- Since Japan has holidays at around the new year day, I think it is already too late to start work from 8th Jan is already difficult.

Cost issues

- We cannot use KEK/J-PARC budget for the reception and installation of detectors.
- I tried to secure some research money.
- Cost seems very high. I need more detailed plan to get accurate cost estimate.
- If the secured money is not enough, we have to postpone some part of the installation.

Operation of magnet

- Another safety review would be required.
 - Interlock, access during operation etc.
 - We have to present our plan.
- It is not yet clear on-site shifter is required during the operation. Probably yes.
- For the commissioning, probably shift has to stay there during the operation.
- For the longer term, we should negotiate with T2K to `share' shift works.

timeline

NOW!

- need to show detailed installation plan

- need to submit proposal of the WAGASCI data taking

Jan. – middle Mar. 2018

- installation of Baby MIND and one SMRD

later Mar. – May 2018

- antineutrino beam operation

May – 2018

- installation of another SMRD

- rearrangement of modules

- commissioning for remainings -> T59 completed

Jan. 2019- (if approved at PAC)

- Physics data taking, proposing one year neutrino and another year antineutrino