

The work of this working group is to carry out the following research and examinations regarding the assembly and inspection base for the ILC accelerator and detector equipment, and the logistics associated with them:

1. Examination of design proposals and maintenance methods for the assembly, performance inspection and storage facilities for the ILC accelerator and detectors.
2. Investigation and examination of logistics using inland transportation and ports.



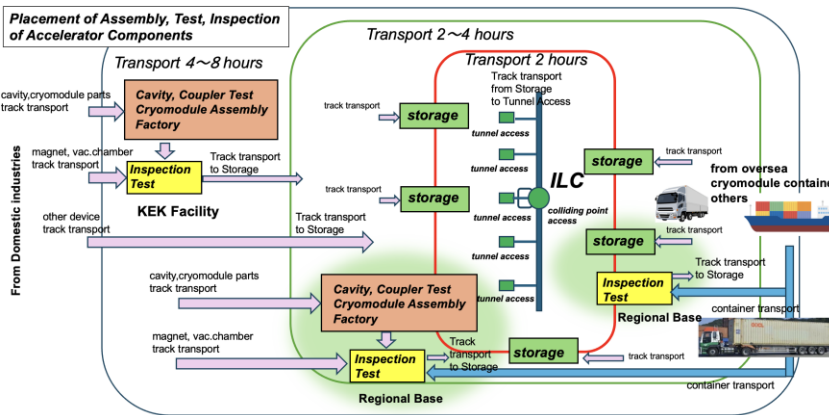
KEK Cryomodule Facility COI building



Cryomodule on-site facility



Cryomodule on-site Test facility



On-site Storage using playground of closing school



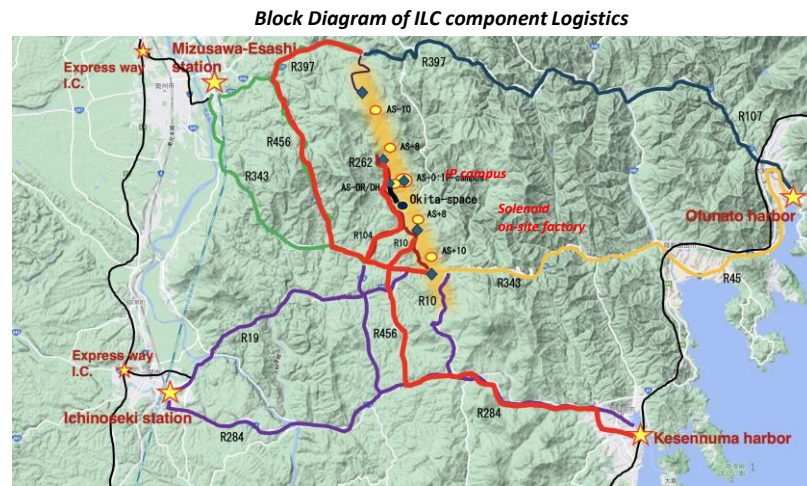
Magnet inspection and test on-site facility



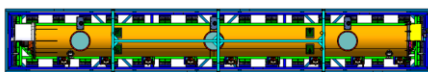
Waveguide inspection and test on-site facility



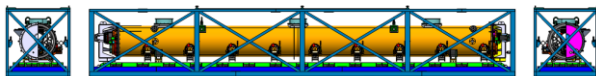
Detector Solenoid on-site Factory



Map layout of ILC component Logistics
red: for heavy cold box, black: for 8m width detector solenoid

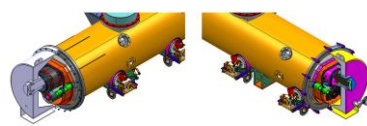


Design of cryomodule transportation frame for 45' container



Design of cryomodule end-cap

45' Container is OK for cryomodule



Low-floor trailer NG

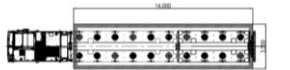


multi-wheel Low-floor trailer NG

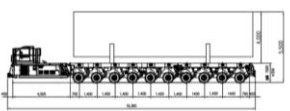


multi-wheel transporter OK

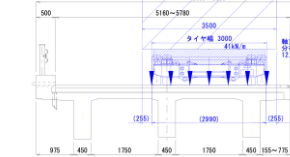
transporter for heavy He-cold-box 日本通運提供



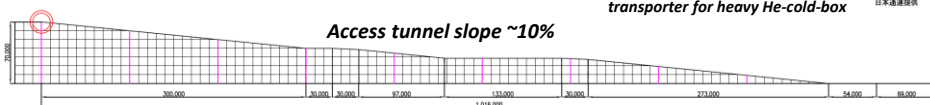
transporter for heavy He-cold-box (50t)



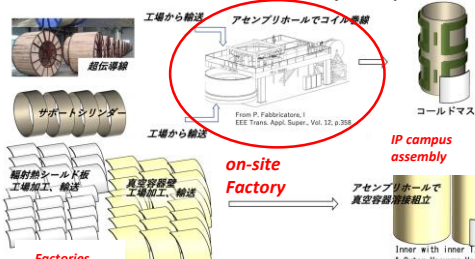
Investigation of old bridge strength for heavy track pass



Old bridges are OK to pass with careful attention to the passing-route selection.



Detector Solenoid on-site Factory concept



Detector Solenoid transportation from on-site Factory to IP campus

