

BELLE Movers

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ILC IR

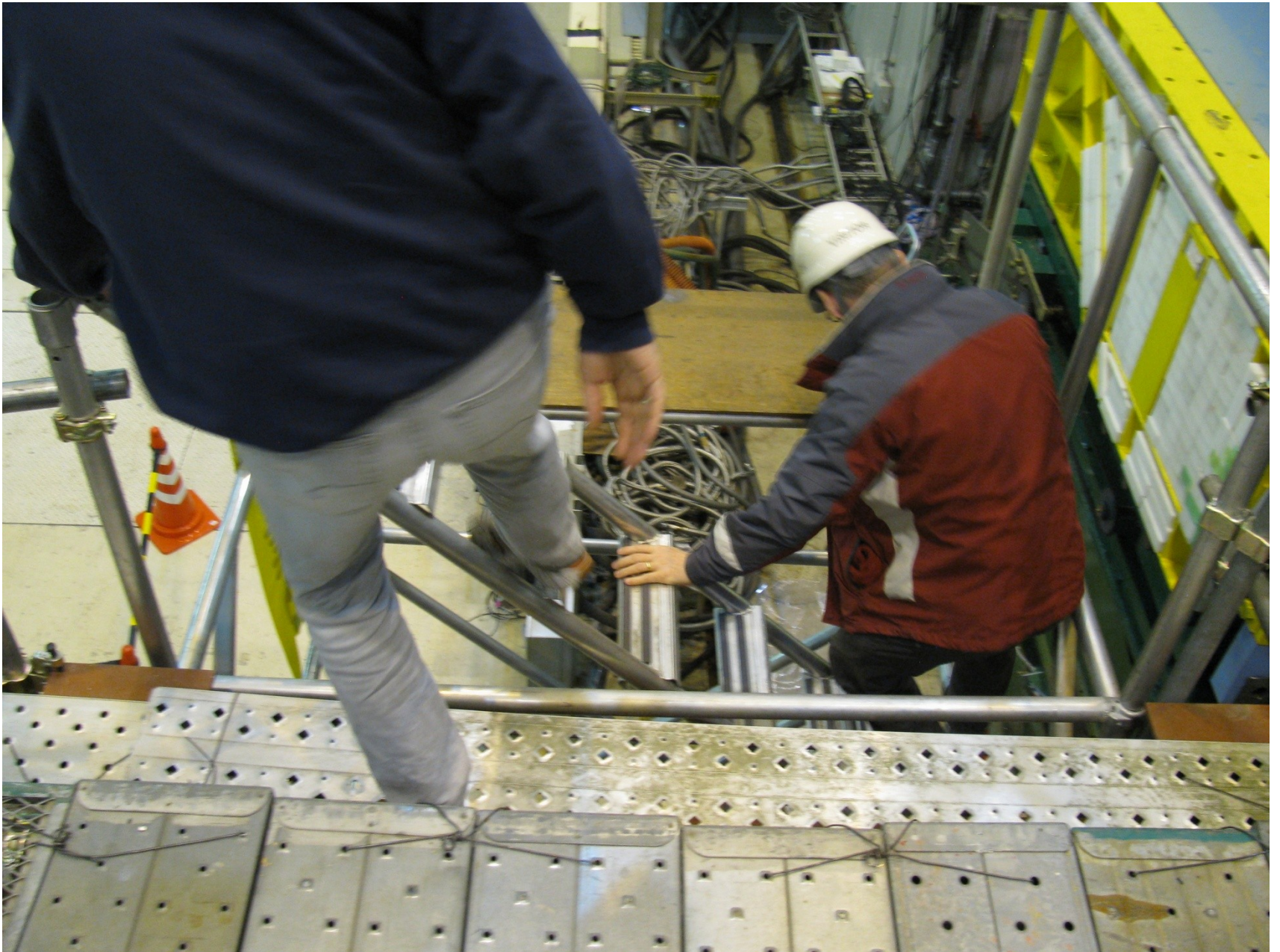
Feb. 17, 2011

Summary

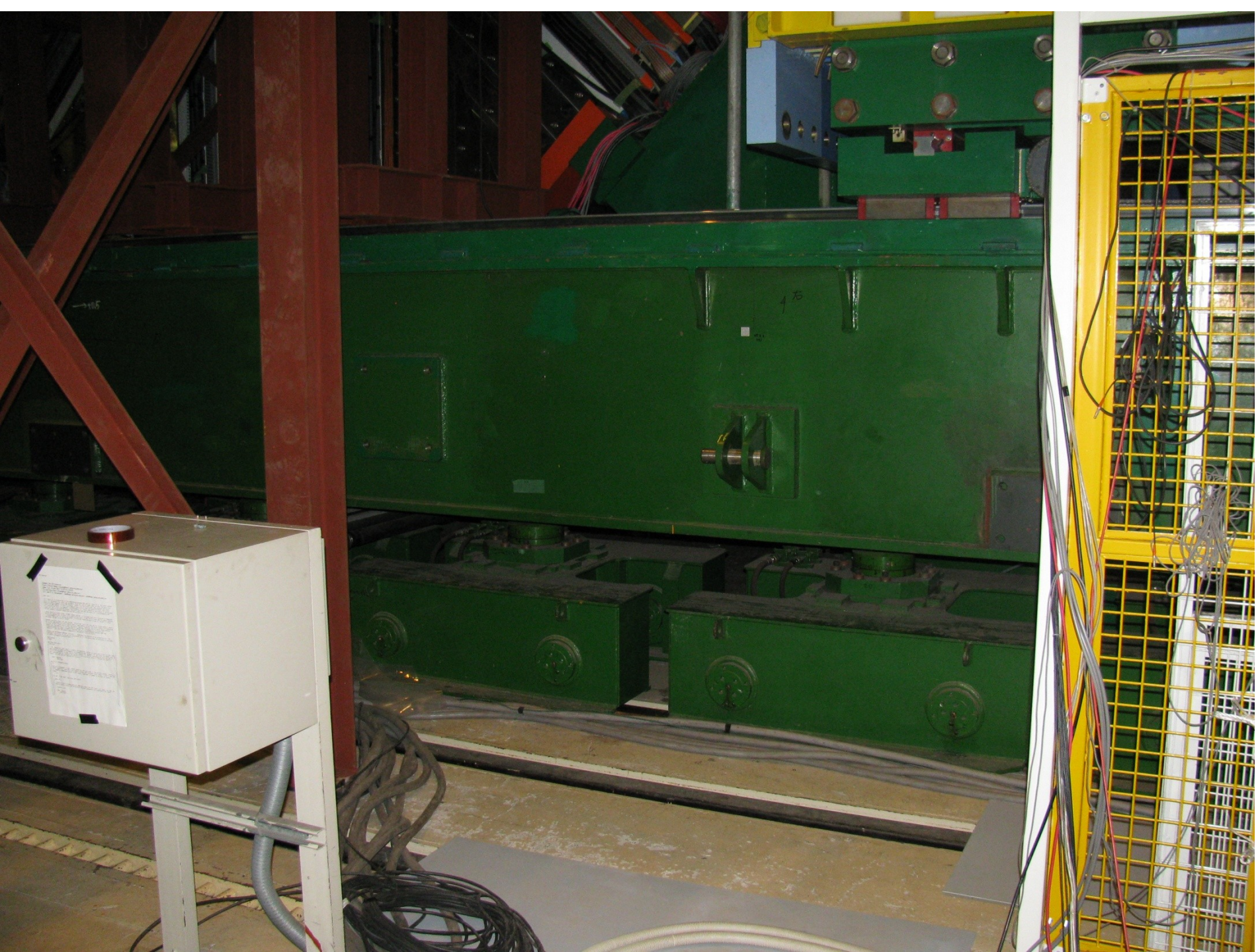
- I was at a review of the Belle-II upgrade for the superKEKB and they took us on a tour of the detector
- Didn't get much time but I have some pictures and some information
- If there is further interest I can try to acquire some drawings and other details

Pictures







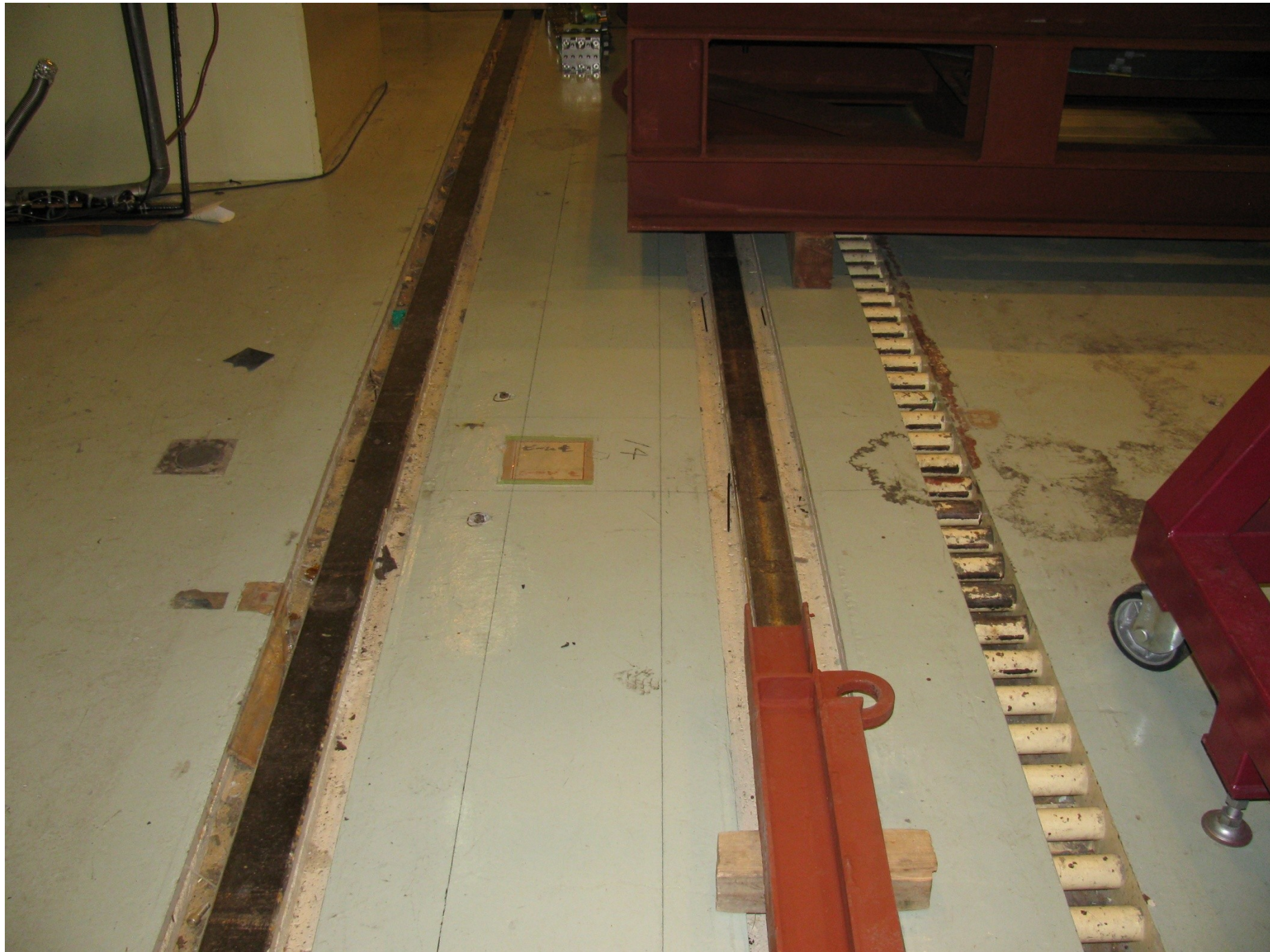






TOPAEKIL 8mm UP
1/2" (12.7mm)
3/5 回 1986.6.21 山本





Some Details

- Weight of BELLE 1400 MT
- There are 4 rails – two on each end of the detector
 - Speculation – I did not see them but I suspect the wheels are railroad wheels with the rims opposite for each pair
- They can locate the detector to within 100 μm
 - They use tapered pins that they push into a tapered holes in the floor (unfortunately no picture)

Conclusions

- This seems to be a relatively easy way to roll the detector on and offline
- Looks reproducible (can ask about that)
- Since BELLE is in the Topaz hall of Tristan it is a relatively small detector and hence needed to be put on a large platform similar to ILC detectors?
- If this is interesting, I can work on getting more information and details