

Large Platforms For Push-pull

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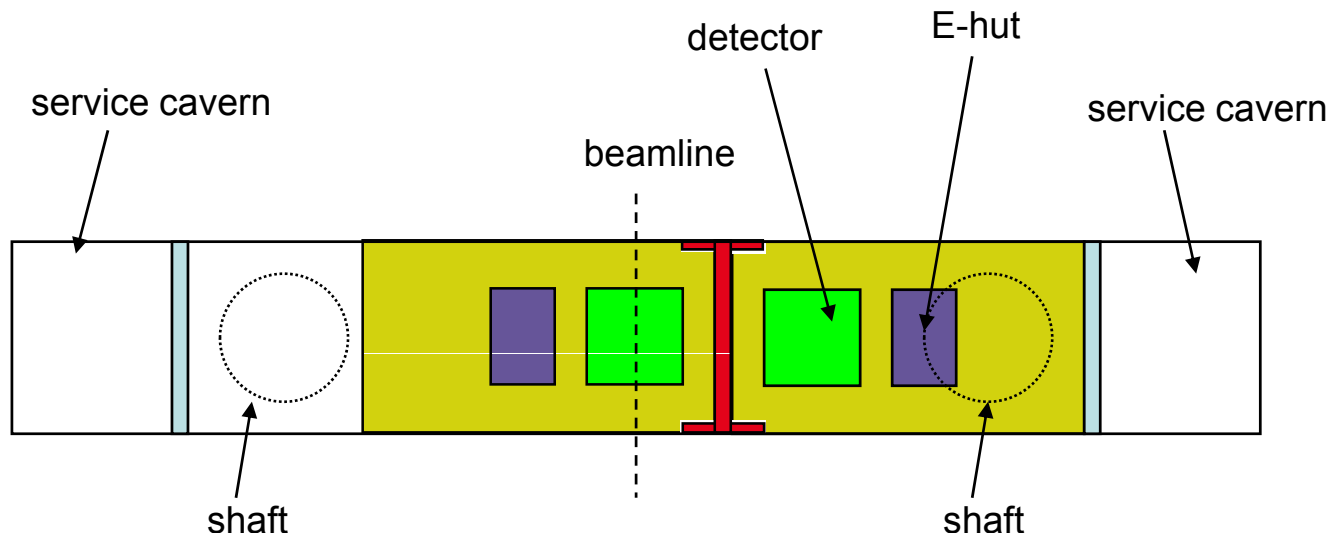
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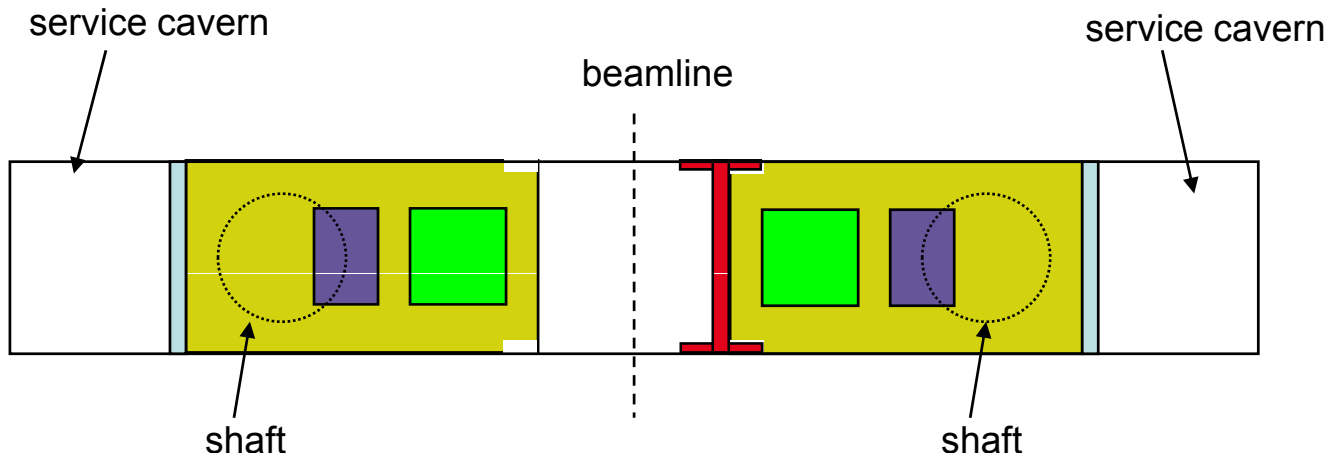
Push-pull

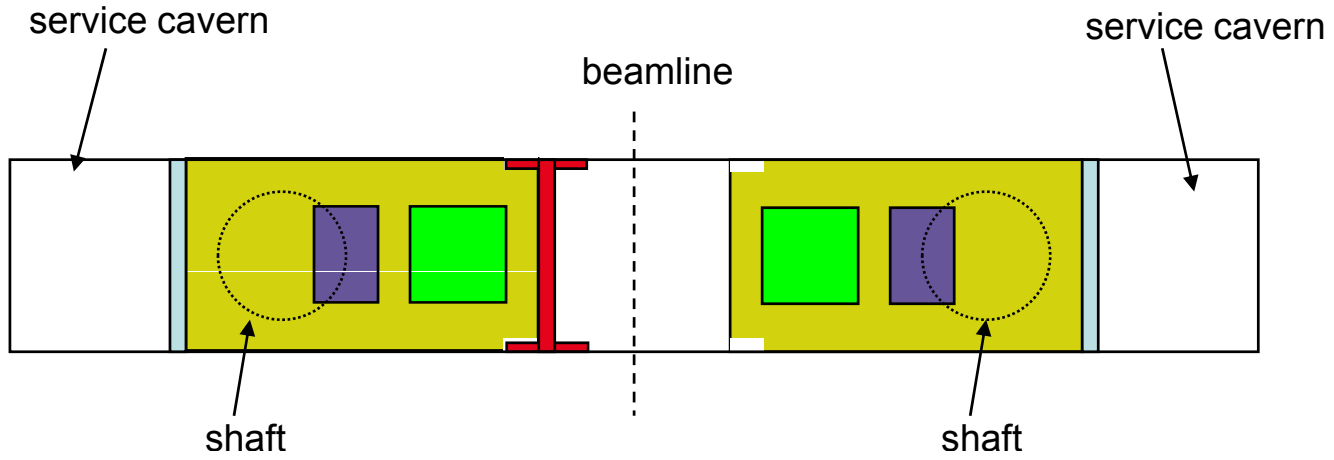
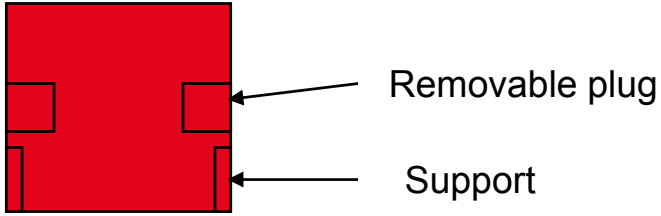
- Experts seem to agree that, for a quick switch, detector, E-hut, and cryogenic system should be on a single platform.
- Detector needs space to move things (end caps, loading place to platform, etc.) around.
- Minimum disconnections in order for 'commissioning/calibration' to move in.
- Edges of platform = dead area
- → A large platform with full width of exp. hall.
- Service caverns are desirable for each detector.

Left detector on beamline

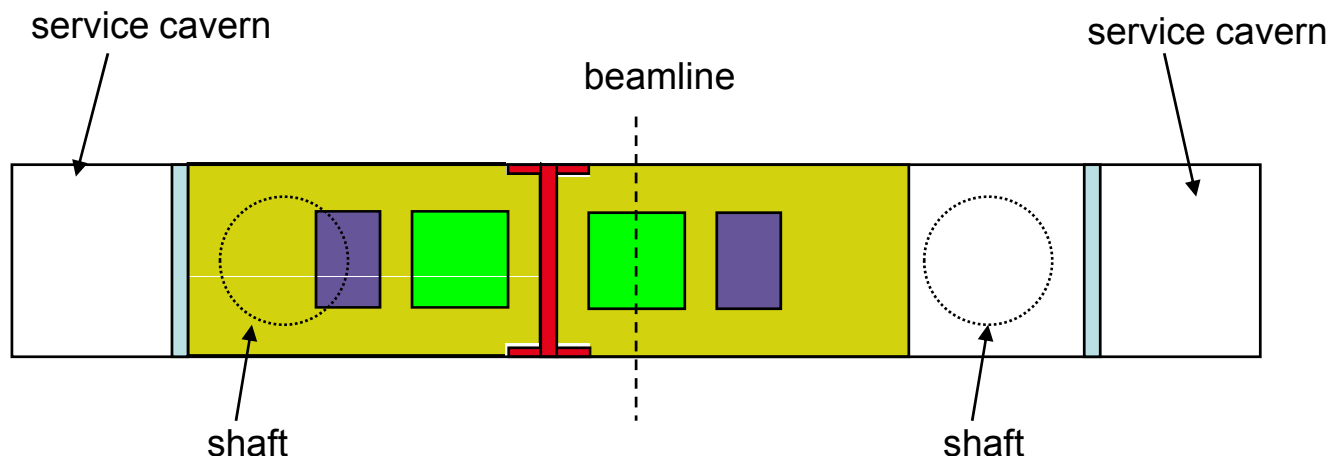


Right detector is assembled as if non-pushpull

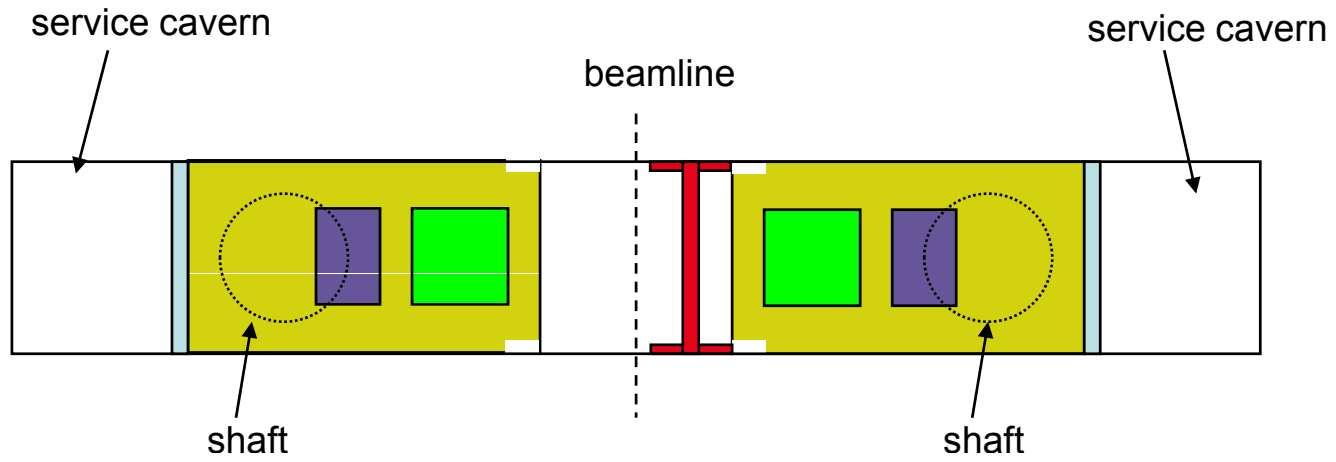




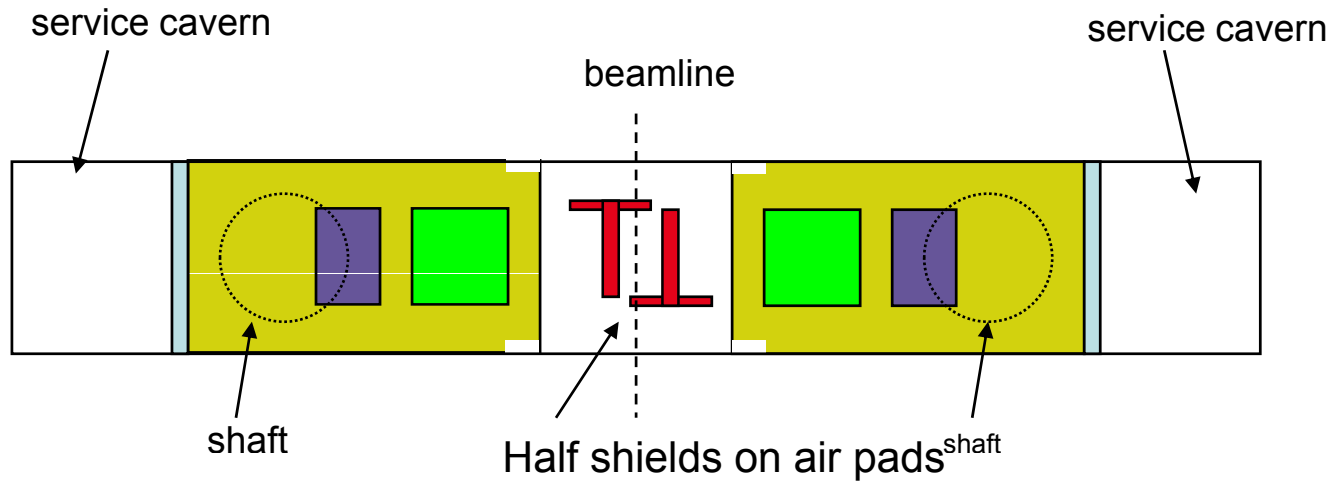
Right detector on beamline



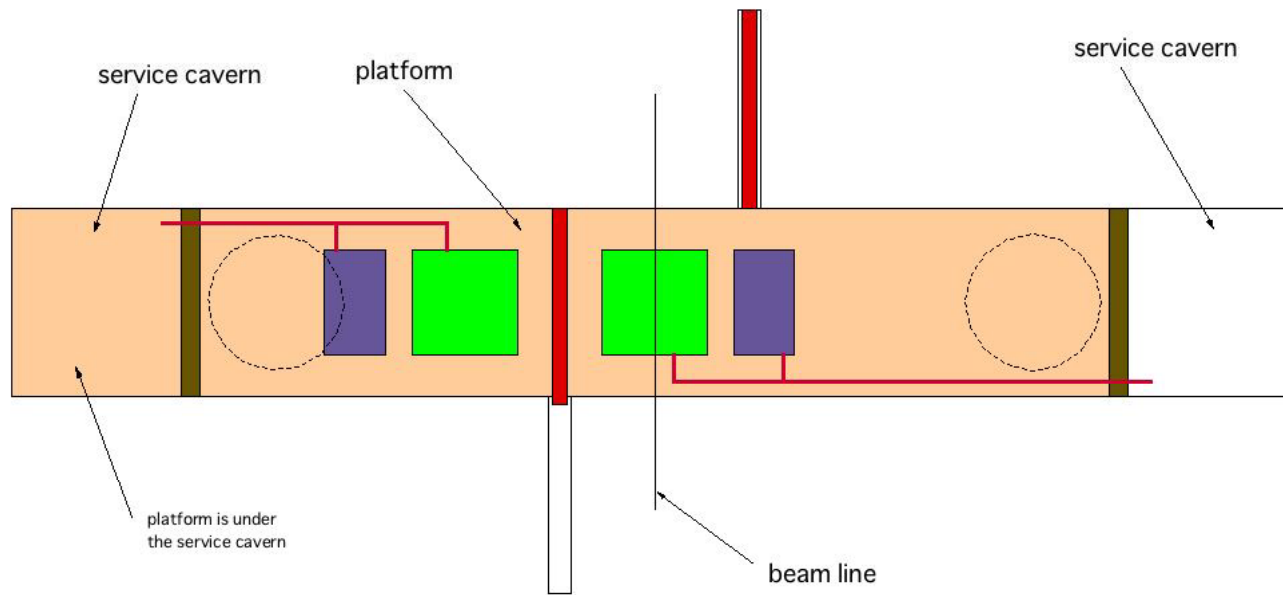
Both detectors being serviced



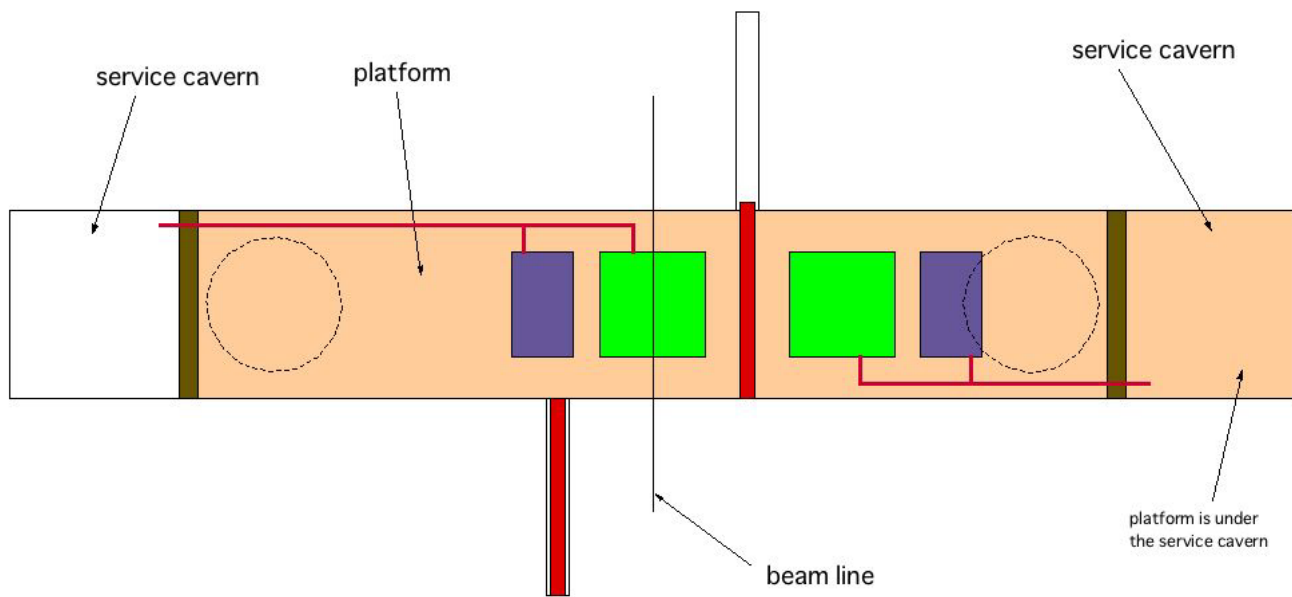
Another possibility for the shield design



Expensive design (Beijing ACFA07)



Full exp. hall area is usable always



Some comments

- Installation more or less a la non-push-pull
- Connections from outside to platform are kept to minimum: powers mostly (no cold He).
- Separate platform helps isolation of vibration between two experiments.
- Thickness of platform $\sim 2\text{m}$: needs some protection at the edges (fences) + ladders.