

TOF Extraction from the Belle Detector

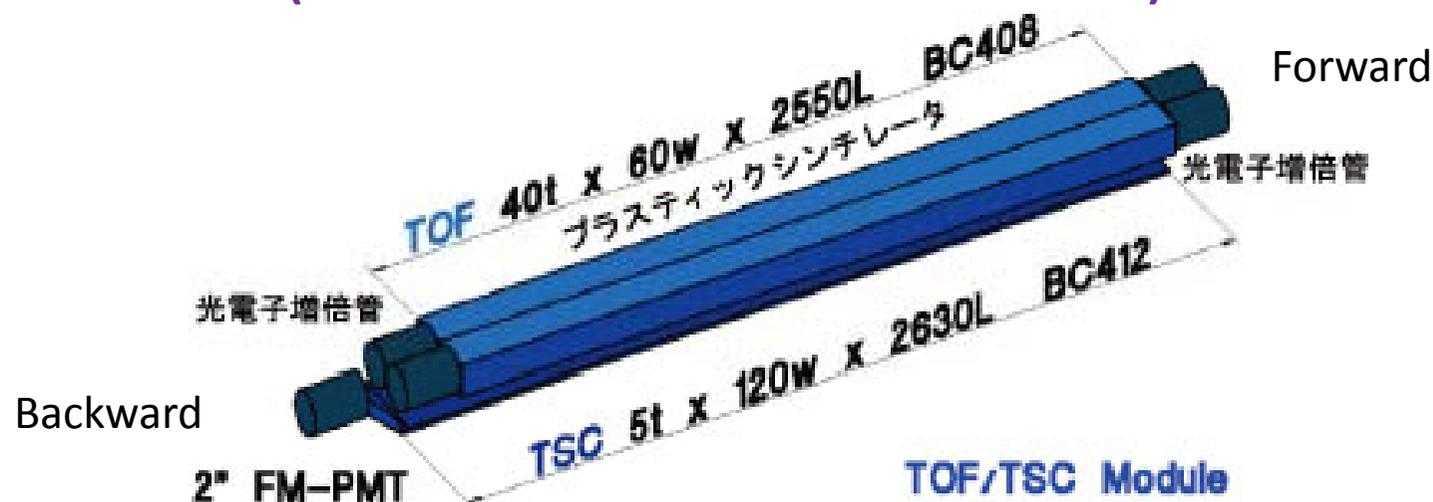
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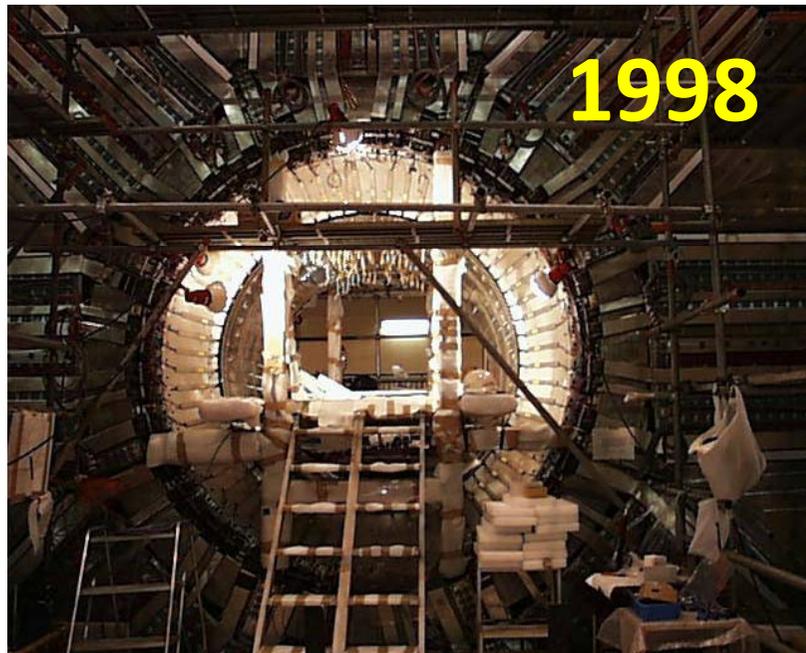
- TOF --- separated in 64 modules
- 1 Module -- TSC scintillator, 2 TOF scintillators
 - 5PMTs (2F + 3B)
 - Cables: Signal (2F + 3B), HV(2F+ 3B), Opt.Fib(3F+2B)

Cables(including fibers) attached to the module **(cannot be disconnected)**



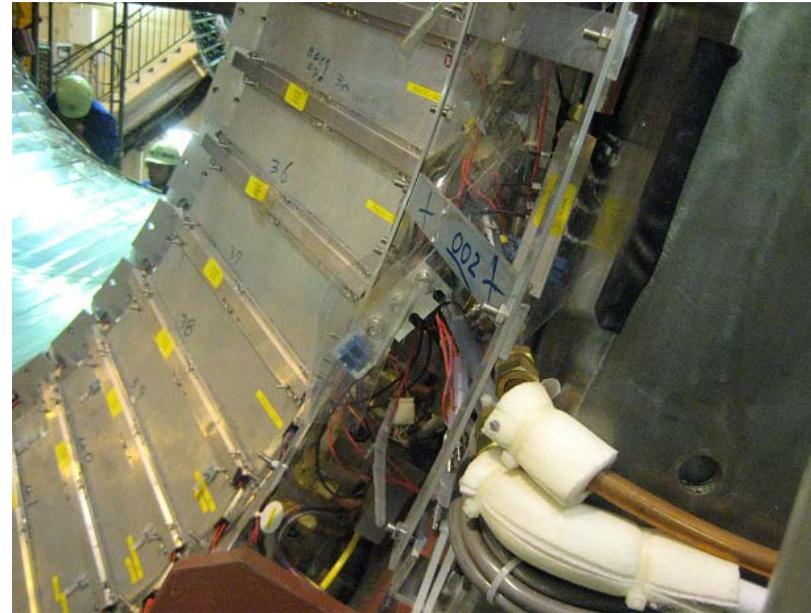
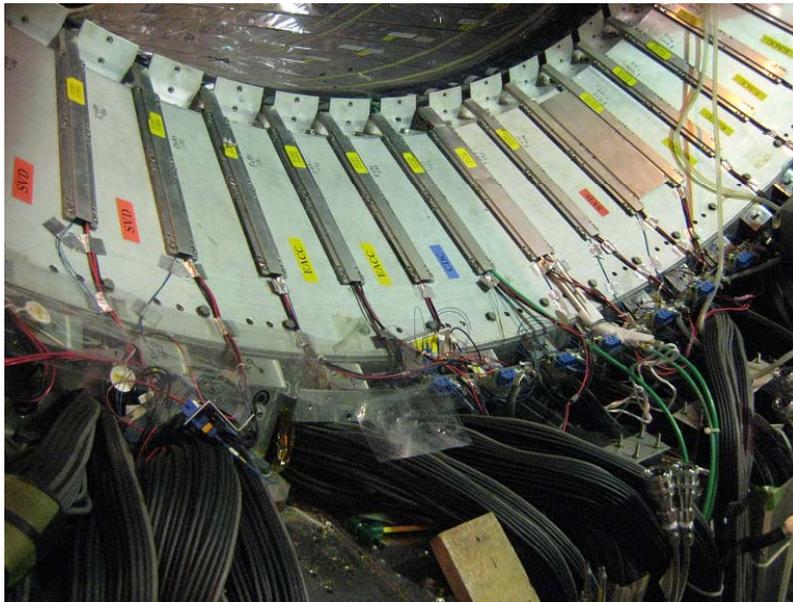
Extraction Procedure:

- Construction of the Scaffolding (Inside the Cylinder)
- Destroy the Backward-cage -- B-Connector-panel for (Signal & Opt.Fib) be free



Extract one by one

- --- with removing connector covers @ F & B



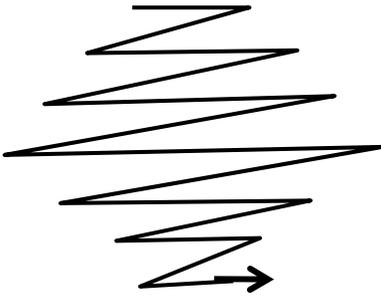
Also with removing F-Connector-panel (Can be done first)

Remove the Module

- Fixed by 8 belts (cut or resolve)



Upper to Lower
Left and Right
orderly ...



End of PMT touching a heat sink



Inside the cylinder (near the end stage)



Pile on the Cart (without wheel)



Caution! To be Reused

for calibration for Belle-II PID detector

- -- Cables/fibers should be kept safe/protected

Reused Unless radio-activity detected.