



## LHC Injectors Upgrade

# Status of the BI Work Package in the LIU-PSB frame Follow-up

Jocelyn TAN, BE-BI  
On behalf of BI management

# WUs to be advanced to EYETS16-17

## BEAM INTENSITY

### BCT 8L1 for Injection efficiency

- Request to move from LS2 to EYETS (2016-2017)
- Does not fit with current planning
- Is this short stop compatible with ALARA for these monitors (need to be machined)?
- **SHOULD BE OK – ALARA to be checked (Lars S & Patrick Odier)**

### PSB DC BCTs

- Request to move from 2017-2018 YETS to EYETS (2016-2017)
- Does not fit with current planning (1 year in advance)
- **OK we will anyway try to do most in the 2015-2016 shutdown**

## BEAM POSITION

### PSB Orbit & Trajectory: BTMS

- Request to move from LS2 to EYETS (2016-2017)
- Tight schedule to get cabling & electronics installed & commissioned

**TIGHT SCHEDULE - NEED TO FULLY QUALIFY NEW ANALOGUE ELECTRONICS BEFORE END 2015 & START PRODUCTION TO BE READY END 2016**

- No going back to old system – cannot afford a partly done installation

**NEED AT LEAST 1 MONTH AFTER CABLING COMPLETE TO FULLY TEST SYSTEM – will this be available?**



# WUs to be advanced to EYETS16-17

## **BEAM PROFILE**

### PSB Turn by Turn Beam Profile

- Request to move from LS2 to EYETS (2016-2017)
- Does not fit with current planning
- No mechanical design started
- Electronics only just started

**CAN ONLY BE ACHIEVED BY DELAYING SOMETHING ELSE – WOULD PROPOSE YETS 2017-2018  
as earliest possible date**

### BI.BTV30 tanks

**Only mechanics.** Should be OK for EYETS 2016-2017