



Chair: José Miguel Jiménez
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Session 8

Long Shutdown 2 Strategy and Preparation



Long Shutdown 2 (LS2) Project

Project Scope & Mandate of LS2 coordinator (1/2)

The project scope covers all activities carried out and resources needed in the context of Long Shutdown 2 over the whole CERN accelerator facilities.

The mandate of the project coordinator includes:

- Prior to the start of the LS2, the definition of main works to be achieved over the LS2 and of potential options based on priorities given to activities. This study shall highlight in particular LS2 duration and resources needed for each option and be presented to the Directorate by mid-2016 for final decision;
- The definition of a CERN-wide “resource-loaded planning”, ensuring the compatibility of resources and planning across the LHC Machine and LHC Experiments;

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Project Scope & Mandate of LS2 coordinator (2/2)

The mandate of the project coordinator includes: (cont.)

- The preparation, coordination and follow-up till completion of all LS2 activities in the frame of the **LIU**, **HL-LHC** Projects and **other CERN approved projects**. Work packages will define:
 - The **work absolutely essential** to achieve the LS2 objectives (activities which will bear a **priority 1**), which execution will be closely followed up by the LS2 coordinator;
 - The **work which can be postponed** to the LS3 (activities which will bear a **priority 2**), which impact on LS3 will be assessed by the LS2 coordinator.

The **flexibility to use the end-of-year technical stops** before and after the LS2 to decrease the load of the LS2 is **left at the discretion of the LS2 coordinator** and is also part of the scope of the project.

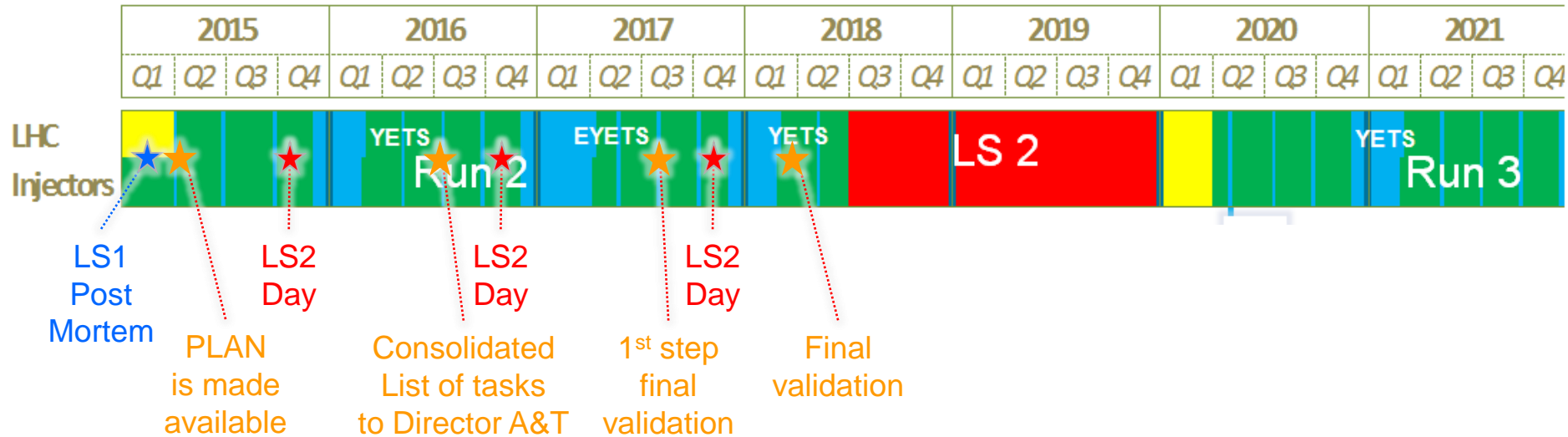
Long Shutdown 2 (LS2) Project

Reporting line & Collecting information

- The LS2 coordinator will report:
 - On a strategic level to the CERN Director for Accelerators and Technology,
 - and
 - On a technical level to the LHC and IEFC Machine Committees.
- Collecting information
 - Will be done through bi(multi)lateral meetings with Experiments, Groups, Teams and Projects
 - Using extensively PLAN tool already successfully used for LS1
 - Learning from LS1 experience...
 - 2 Major meeting planed
 - LS1 “Post-mortem” Day planed on 1st trimester’15
 - LS2 Day planed Oct-Nov’15

Long Shutdown 2 (LS2) Project

Main dates and milestones



- **Main milestones:**

- **LS1 Post Mortem: 1st trimester'15**
- **Start date: 1st July 2018;**
- **Duration: 18 months (end'19)**
- **Yearly "LS2 day" as of 2015**
- **Activities declared in Plan by end'15 both for injectors and LHC;**
- **Mid'16, definition of activities for EYETS 2016 and for LS2;**
- **Preliminary "final" validation: mid 2017.**



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