

# Master Schedule of the Long Shutdown 2 2019-2020

IEFC

On behalf of the EN-ACE-OSS team and LIU Project team



ENGINEERING  
DEPARTMENT

20<sup>th</sup> May 2016

Julie Coupard EN-ACE

# Master Schedule of the Long Shutdown 2 (2019-2020)

- As it was done for the length of the YETS and EYETS, a document will circulate on EDMS for the LS2:

1470895 v.2.0 | ATS-PM-MS-0001 v.2.0 ● Released 🔒 Restricted access Master Schedule

**Length of YETS 2015-2016 / EYETS 2016-2017** by J. Coupard, D. Hay, S. Mataguez, D. McFarlane Created on 2015-11-13  
Last Modified on 2016-03-21

**Info**

Description: This is a proposal for the Year-End Technical Stops and the Extended Year-End Technical Stops before the Long Shutdown 2. It defines the length of the Technical Stops in the PS, PSB, SPS and LHC accelerators. Start and end dates of the YETS and EYETS might evolve in time, but lengths need to remain unchanged. External reference: Keywords:

**Details**

Associated Web link: Equipment code: ATSPM  
Local administrators: [List of Administrators](#) Release procedure: DOC-ECR-ES  
Context: CRN-ATS-BL Release procedure for an ECR and an Engineering Specification  
Baseline Context for CRN and ATS Documents

**This page** <https://edms.cern.ch/document/1470895/2.0>

**Files**

Name	Size	Last modified date	Last modified by
ATS-PM-MS-0001-2-0.pptx	8.2 KB	2015-11-13 16:40	my f... EL
ATS-PM-MS-0001-2-0.pdf	7.5 KB	2016-03-21 16:41	my f... EL

Page 1 of 1 | Total: 2 (displaying 1 - 2)

- EDMS reference: ACC-PM-MS-0002  
<https://edms.cern.ch/document/1687788>
- Status IN WORK → UNDER APPROVAL process to collect all comments and validation

# Master Schedule of the Long Shutdown 2 (2019-2020)

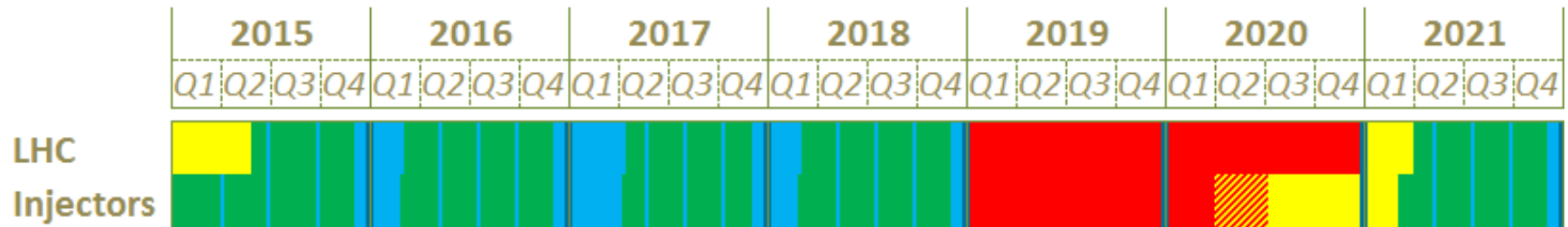
This is the master schedule of the Long Shutdown 2 (LS2) which will happen in 2019-2020. This document gives an **overview** of the shutdown windows for the **Linac2, Linac3, LEIR, Linac4, PSB, PS&TT2, SPS** and **LHC machine**. **This will be the reference for the detailed schedules that are being edited by the Facility Coordinators.**

The time estimations indicated in this document referred to the following basis:

- The opening of the tunnel machine is counted after the access can be authorized by the radiation protection (RP) experts and before the machine is closed for the operation commissioning (hardware tests, cold-check, beam commissioning).
- The minimum cool-down time after high intensity proton operation is six weeks and the ion run can be part of it due to the lower losses.
- Some other safety aspects (i.e. magnet tests) will block the access; in parallel of the RP cool-down or in addition.
- The access to underground does not mean work allowed:
  - The work will be carried out according to the ALARA principle.
  - Analysis of the work have to be done early in advance between the facility coordinators, the work responsible and the dedicated RP contacts.

# Master Schedule of the Long Shutdown 2 (2019-2020)

LHC schedule beyond the Long Shutdown 1 (LS1):



- Long Shutdown
- Commissioning
- Operation
- Technical Stop

# Master Schedule of the Long Shutdown 2 (2019-2020)

LHC PROBE beam

Week 9

04/03/2021

Week 46

12/11/2018



Week 15 10/04/2020  
 Week 26 26/06/2020  
 Week 38 18/09/2020

Week 23 01/06/2020  
 Week 32 07/08/2020



20-May-2016

Julie Coupard EN-ACE