

# Notes East Area Project Meeting #37 on 03/07/2020

<https://indico.cern.ch/event/918480/>

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## News (Sébastien Evrard)

### **Budget**

*The medium term plan has been presented in June and will be approved in September. The budget has been increased to cover unfunded activities. So far, COVID-19 didn't affect the budget.*

### **LS2C**

*Start of physics run delayed to October 2021 due to COVID-19.*

### **PS CSAP**

*Ground load issue - there is no safety issue for personnel, but might be for the slabs.*

*The Descriptive safety file has been presented and is being checked by team members*

### **Schedule update**

*Cloud Area Modifications: everything has been removed except for the skewed sections. T11 area walls installed.*

*It was previously decided to install extra point for the loads. Survey revealed that there was a difference of 0.2 mm but a further analysis is necessary as this deviation is lower than the measurement error.*

*In B.251, completion of DC cabling operations, next week we will start cleaning. We will also start to install the power converters. Also completed isolation in the APRON Rack*

## NEWS FROM B157, B352, B251 (Gurkan Dogru and Aboubakr Ebn Rahmoun)

### **B.251**

- *a small part of the false floor metallic structure is left to install*
- *DC cabling: completed, only need to test. AC cabling: there's 1 cable tray left to install*
- *5 racks left to install*
- *next week cleaning will start in zone 1 and all the area should be clean by 13th July*
- *There will be a pressure test this week*

- *We are 3 weeks ahead of schedule*

#### **B.157**

- *Optics of T11 is installed*
- *the shielding and dump are completed - ready to start new configuration of the area*
- *Currently dismantling part of the Cloud platform, floor painting and installation of AC distribution electrical cabinets*
- *cabling of the new electrical installation is on going*
- *the new IT barrack has been installed*
- *installation of control racks in Apron room*
- *shielding installation of the beam lines started*

#### **B.352**

- *last quadrupoles installed*
- *good progress on the beam line alignment*
- *next weeks: install cable trays and DC cables, installation of the vacuum pipes and the installation of shielding on the beam-line and PS*

### COOLING AND VENTILATION STATUS REPORT (Francesco Dragoni)

- *About half of the equipment has been installed for the demineralized water cooling system. The rest is at about 70% completion*
- *primary zone ventilation*
  - *Mechanical installation is almost complete*
  - *Electrical installation is in place*
  - *Need to do: ductwork, chiller and pipework*
- *ATEX Ventilation*
  - *Technical solution complete P&ID and integration done*
  - *need to issue tender docs*
- *Challenges ahead and Criticalities*
  - *delivery metallic structure that holds the shielding has been delayed which means no cooling water in the PS magnets and primary zone + T8*
  - *PZ ventilation*
  - *delicate operation of the chimney - in discussion with several groups to define next steps*
  - *installation bunker airtightness has good progress so far*
- *Commissioning Plan*
  - *scheduled from july 2020 to june 2021*

### MAGNETS STATUS REPORT (Roberto Lopez)

- *All the magnets have been now installed in B.352. They have all been tested and certified beforehand.*

- *Regarding the M200 magnets, the assembly should take place on the Nortemecanica premises but for the time being, it is not possible to organize a visit to Spain due to COVID-19 restrictions. Situation to be followed.*
- *Installation of vacuum beam pipes inside the magnets: TE-MSD keeps informing EN-EA as soon as a magnet is ready for the installation of its vacuum beam pipe. EN-EA should handle the EDH transport requests accordingly.*

### CABLING CAMPAIGN (Gael Girardot)

- *There are some constraints during this work - restricted access, opening cable passages, congested work*
- *work needs collaboration from other groups regarding safety, on-site assistance, scaffolding, transportation*
- *the planning of the campaign is divided into 4 phases:*
  - *cable pulling*
  - *connection*
  - *cable test*
  - *work validation*
- *Each building has its own schedule*

### IST (Filipa Carvalho)

- *Presentation of the IST document template*
- *Overview of IST: prerequisites, needs, tests. Meetings will start soon. Focus on B.352*

### AOB

- *K. Papastergiou explained that most of the IST for the power converters can be carried out without having to wait the WIC system to be in place. Only the last tests need the availability of the WIC to be completed.*
- *E. Sanchez explained that the OSVC for the access system has been launched for the procurement and installation of the primary area access system.*

*Minutes taken by F. Carvalho and S. Evrard*