

Monday integration meeting Monday
04/01/2021

Items related to the UPR sections to be equipped in LS2

| item | Sub-item | description | Action | Due date/status |
|------|----------|--|--------|-----------------|
| 1 | 1 | <p>UPR57</p> <ul style="list-style-type: none"> • Inspection DONE • Scan to be done as soon as installation completed. DONE • Points to be recalled when preparing the comparison document <ul style="list-style-type: none"> ○ Interface wall with the LHC is 150 mm thicker than foreseen. This requires <ul style="list-style-type: none"> ▪ EL to change position of the equipment and of the cable trays DONE ▪ INT to change position of one of the connection box DONE ▪ Position of the lights found in interference with overhead cranes next steps 1) process scan 2) provide to EN-HE to define the magnitude of interference 3) correct light position EN-HE/EL/INT TO WORK TO FIND BEST SOLUTION FOR UP357 AND UPR53. PENDING REFINED MODEL OF THE OVERHEAD CRANE ▪ <p>UPR13</p> <ul style="list-style-type: none"> • Inspection foreseen in week 2 to 6 November INSPECTION DONE. INSTALLATION STILL PROGRESSING. INSPECTION TO BE RE-DONE WHEN SERVICES WILL COMMUNICATED THAT INSTALLATION IS COMPLETED <p>UPR53</p> <ul style="list-style-type: none"> • Acceptance visit foreseen for the 3/11/2020. SURVEY SCANS DONE | | UPR17 completed |
| | 2 | <p>Elimination the tolerance layer next week after the visit of S. Maridor</p> <p>UPR17: after measurement decided to eliminate on the UPR at the LHC level UPR57: same results UA57: <u>int to decide what to do with walls smaller than 4 cm respect to the CE theoretic but larger than minimal</u></p> <p>Asked to eliminate also from UA17. Action SMB</p> | SMB | ongoing |
| | 3 | <p>UPR 57 CV asked to EL to move a telex of cable. It seems possible but CV needs to confirm it</p> <ul style="list-style-type: none"> • AGREED THAT CV WILL REMOVE TELEX TO PERFORM THE INSTALLATION (DONE) • CV TO INFORM EL WHEN TELEX CAN BE PUT BACK (DONE) • EL WILL INTERVENE LATER TO REPLACE IT (intervention programmed) | CV/EL | ongoing |

| | | | | |
|--------------------------------|---|--|--------|------------|
| 2 | 1 | <p>We have created a new SharePoint page for collecting all changes of installation in the UPRs vs the integrated version. This will be used to prepare the final models and to check installation NCR Everyone to fill the table after that the change has been check with INT or other concerned service https://espace.cern.ch/HiLumi/WP15/SitePages/UPR%20Integration%20Follow-up.aspx</p> | ALL | ongoing |
| 3 | 1 | <p>A new SharePoint page to centralize all integration information useful for installation and for as built has been built. Link here below https://espace.cern.ch/HiLumi/WP15/Lists/Integration%20Documentation%20for%20Installation/AllItems.aspx</p> | | |
| 4 | 1 | <p>EN-HE informed of a problem in the model of the overhead cranes used till now in the UAs. It shall be changed because representing a non-functional solution.</p> <p><u>On 04/01/2021</u> EN-HE informed that they will provide a simplified model for volume reservation. EN-HE commits that the final object will fit In this volume. Meeting will be organised to check boundary conditions with WP9 for the handling of the valves and end caps of the valve box. If this solution can be generalised, we will have one model for UL and UAs if not 2 models will be defined</p> | ALL | 23/11/2020 |
| Other integration items | | | | |
| 1 | 1 | <p>Contractor of P1 asked if safety access to tech gallery shall be closed with key lock It has been agreed that no, but in agreement with EROS it is agreed to ask them to integrate a system that allow free opening from the inside to the outside but shall require a key in order to open from the outside to the inside. SMB to report the proposal</p> | SMB | 30/11/2020 |
| 2 | 1 | <p>Gates to limit access to the ladders leading to overhead cranes platform. The various buildings have been reviewed; decisions taken to be documented by SMB in 2 new SMR Check if it necessary to modify the solution adopted in SF17 and SHM17 Agreed that for all other we will sue simple plate covering the steps of the ladder</p> | WP17.1 | 14/12/2020 |
| 3 | 1 | <p>SMB to check that</p> <ol style="list-style-type: none"> 1) The handrails in the tower of the SF17 building have been built according to specification (type of material/painting/galvanisation). <i>It is confirmed that are according to spec</i> 2) To check what it would be the impact to change in galvanised material the same handrails in the SF57 3) To check cost to change in inox/aluminium the 3X2 stairs for access to the cooling tower packs that have been wrongly specified. Being the placed in a difficult point of access it is important to change them now. <i>It has been checked and these ladders are fully compliant being painted aluminium</i> | WP17.1 | 14/12/2020 |

| | | | | |
|---|---|---|-----------------|------------|
| 4 | 1 | <p>SD57 SMB asked to add a concrete pillar in the underground of the SD building. it is 1 meter in front of the end of the access stair. For CV and EL it is acceptable Need acceptance from EROS (M. Bonnet) Document in rolling SMR Michel Bonnet provided its approval</p> | WP17.1/E ROS | completed |
| 5 | 1 | <p>Status of SMR 1) <i>SMR 44-45-55--70-71-72-73-74-76-77-78-79-80-81-82-83-84-85. SMB filling cost data today DONE</i> 2) SMR 67 write that the cost of this will be in the 75 3) SMR 56 (not HL) pending input from EN-CV 4) SMR 69-75 SMR SMB will fill cost data later 5) SMR 80-82-84-85 need input from EN-CV 6) SMR 84-85 need input from EL 7) <i>SMR 86-87-88-89-90-91 to move under cost evaluation DONE</i></p> | ALL | 14/12/2020 |
| 6 | 1 | <p>SMB Asked EN-HE to revise the content of the IRFI LHCKN-0026 referring to load marking on the ground of surface building. question concerning the marking of the steel floors was raised Actions 1) SMB to send IRFI and questions to EN-HE 2) SMB to fix meeting with EN-HE for the discussion 3) Report in this meeting</p> <p>Observation: it is agreed that solution shall be standard between P1 and P5</p> | SMB/EN- HE | 11/01/2021 |
| 7 | 1 | CV to provide model of the cooling installation for the SU57 | EN-CV | 11/01/2021 |
| 8 | 1 | SMB provide required information to CV to enable the team to prepare evaluation of cost of pump and related installation if the solution with pure gravitational evacuations is rejected. This concerns P1 | SMB/EN- CV | 11/01/2021 |