East Area T9/T10 Users Meeting 2022
Infrastructure & Installation

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18th March 2022
Control rooms & exp. Areas services

Services delivered on T09 and T10 complex are the same
• **Infrastructure** connected **between** the Control Rooms and Exp. Area.

Control room:
• Users Rack (45U Free)
• CERN Rack
  • BI signals
  • Timing
  • Remote control *(DESY Table)*
  • Multimode fiber
  • Patch panel:

<table>
<thead>
<tr>
<th>Type of cables</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV cables coax</td>
<td>20</td>
</tr>
<tr>
<td>LV cables coax</td>
<td>25</td>
</tr>
<tr>
<td>LAN cables</td>
<td>10</td>
</tr>
<tr>
<td>Cable NE12 (SUB-D)</td>
<td>6</td>
</tr>
<tr>
<td>Cable VE2L (Profibus)</td>
<td>2</td>
</tr>
<tr>
<td>Cable NE12 (12BPMB)</td>
<td>2</td>
</tr>
<tr>
<td>Cable NE18 (19BPMB)</td>
<td>2</td>
</tr>
</tbody>
</table>

Experimental area:
Patch panels,
Electrical sockets
Hearting connection
Installation process

- Technical points discuss to identify your needs:
  - Additional racks, Mechanicals supports for your set-up, cables, mounting area etc;
  - Transport request (unload material, handling installation) via EDH "transport request";
  - CERN requirements to handle your material safely;
  - Answers your questions:
    - The goal, to give you the maximum support to help you and us to have an efficient installation and good time in our facilities.

Installation process:

- Preparation "upstream":
  - Technical meeting (1st time @157):
    - Set-up;
    - Visit infrastructure;
    - Preparation areas;
    - Your needs.

- Your arrival @b.157:
  - Installation:
    - Ensure your equipment are ready to be move by transport;
    - Don’t forget to make a Handling request.

- Deinstallation at the end of your beam time:
  - Removal of all equipment in the EA & CR;
  - Check of EA&CR with us to be sure that all your equipment have been removed.
Services in BE-EA – Useful technical contacts

• BE-EA provides technical services to users, in term of:

  **Cabling** Connectors, cables, cabling…
  • be-dep-ea-as-cabling@cern.ch

  **Workshop** Machining, installation…
  • Gianluca.Canale@cern.ch

  **Gas** Supply of CO2, He, N2….
  • David.Jaillet@cern.ch

  **Moveable tables** Desy tables, XSCA, blocks…
  • Michael.Lazzaroni@cern.ch

  **Technical installation** Users coordinator installation…
  • Aboubakr.Ebn.Rahmoun@cern.ch