Hardware databases

The MTF application:

cern.ch => LHC project => LHC => MTF (top left corner). Then log in;

To search a specific equipment with its expert name (i.e. “BLMEI.04L6.B1E10_MSDA”), use “slot” (top right corner). Type the name (or part of it) in “Identifier”. The sign matching any character is '%' (equivalent to '*' in regular expressions), but it is usually not needed.

Slot Properties Report:

If you only want a few specific informations for several items, instead of all information about just one item, you can generate a report. On the MTF homepage, click on “Generate Slots Properties Report” (on the left). Then:

- Write part of the name (i.e 'BLM') in “profile part number”, then hit “continue”;
- Select the properties you're interested in, then “continue”;
- Then you can select extra properties, such as DCUM;
- Then select the sector you're interested in, or “any”;
- Then generate report.

When clicking on a hyperlink, an “info page” for selected slot appears.

- On the first displayed page (under “Main” tab), the main informations are displayed, as well as a link to the Layout Database (see below).
- Under the “slot data” tab are all the relevant informations: what this slot is linked to, and all the parameters values.

To get statistics on the BLM hardware commissioning tests:
-> MTF database. Under "hardware commissioning" click on
-> "Steps on Slots"
-> Beam Instrumentation
-> BLM
-> select "name"

When the list of BLM tests is shown you can click on
-> "export data to an excel file"

Layout database:

The layout database can be accessed via layout.web.cern.ch.
The expert name , or part of it (ex: “BJBHT”) should be entered in the “NAMES” field. Then click on “Search”, and you have a list of all slots having that character string in their name.

When arriving on the layout page for a BLM, you can click on the BJBAP it's linked to. Then you have the list of all BLMS linked to that BJBAP.
Note that BLMs that are linked to the same BJBAP are also link to the same BJBHT (HV box).