Systems architecture (WP13)

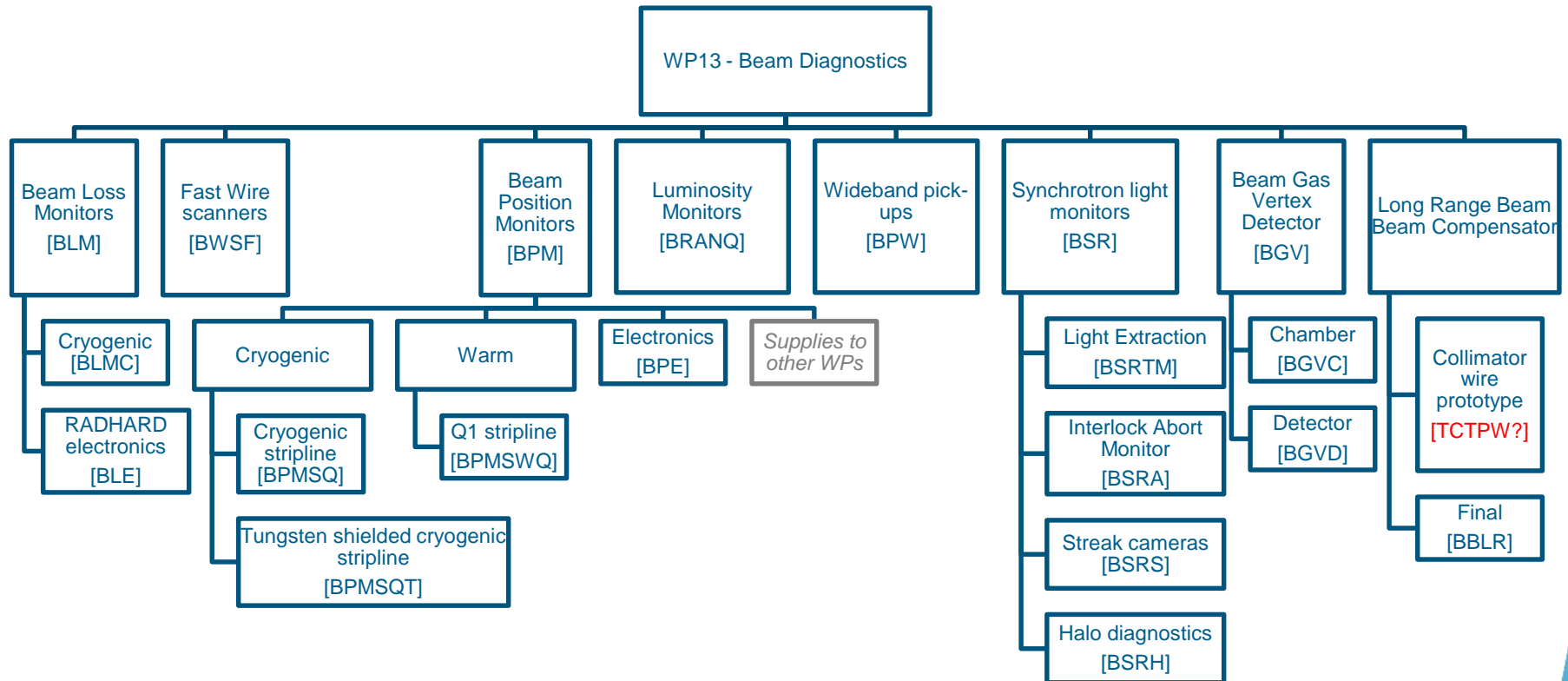## EDMS: 1405229
v1.1

Project Office – Configuration, Quality & Resources Office

12 September 2017

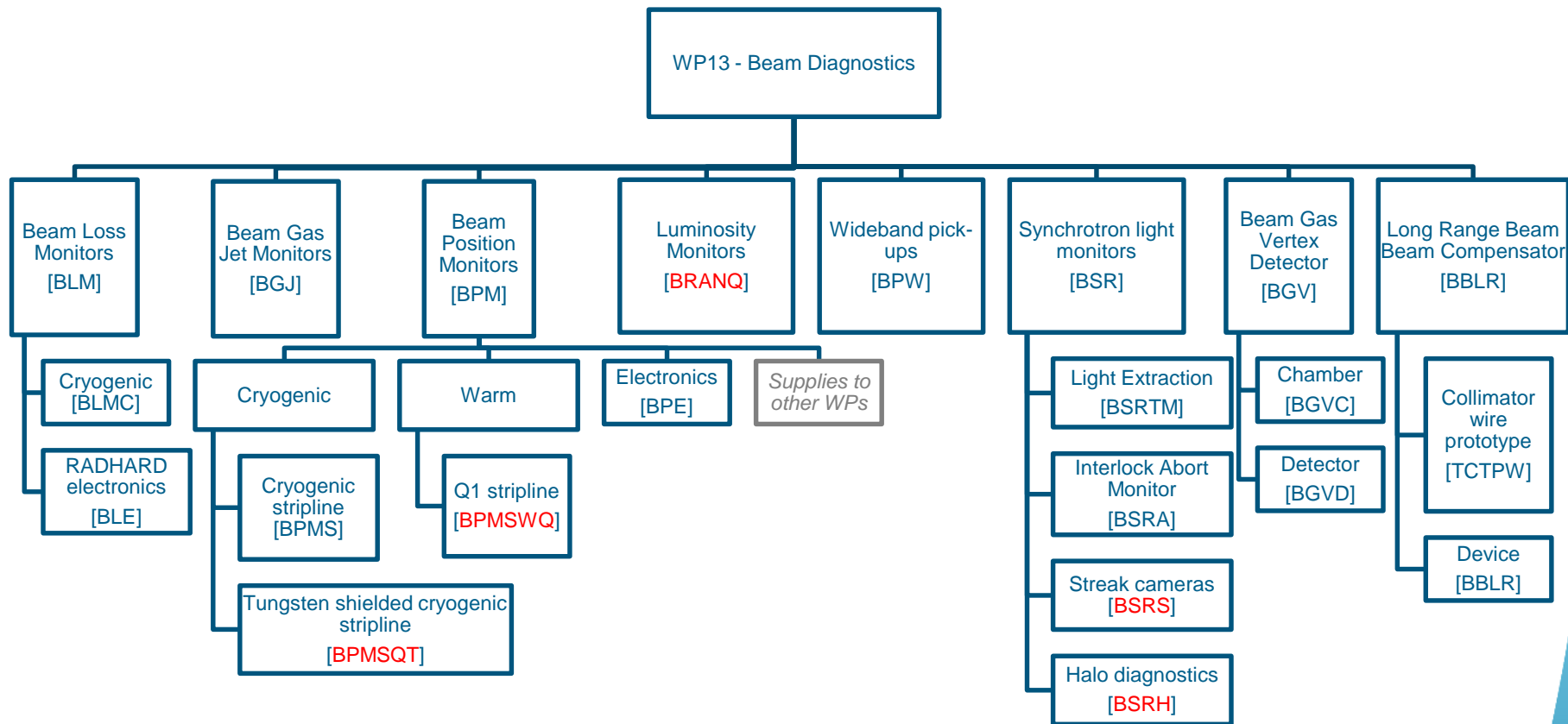# Lower-levels (with corresponding naming)

Updated (19/08/2014)

Detailed system architecture

Updated (12/09/2017)

WP13 - Beam Diagnostics

Beam Loss Monitors [BLM]
- Cryogenic [BLMC]
- RADHARD electronics [BLE]

Beam Gas Jet Monitors [BGJ]
- Cryogenic
  - Cryogenic stripline [BPMS]
  - Tungsten shielded cryogenic stripline [BPMSQT]

Beam Position Monitors [BPM]
- Warm
  - Q1 stripline [BPMSWQ]
- Electronics [BPE]

Supplies to other WPs

Luminosity Monitors [BRANQ]

Wideband pick-ups [BPW]

Synchrotron light monitors [BSR]
- Light Extraction [BSRTM]
- Interlock Abort Monitor [BSRA]
- Streak cameras [BSRS]
- Halo diagnostics [BSRH]

Beam Gas Vertex Detector [BGV]
- Chamber [BGVC]
- Detector [BGVD]

Long Range Beam Beam Compensator [BBLR]
- Collimator wire prototype [TCTPW]
- Device [BBLR]

Note: In Red those codes which are not defined yet in the Naming Portal