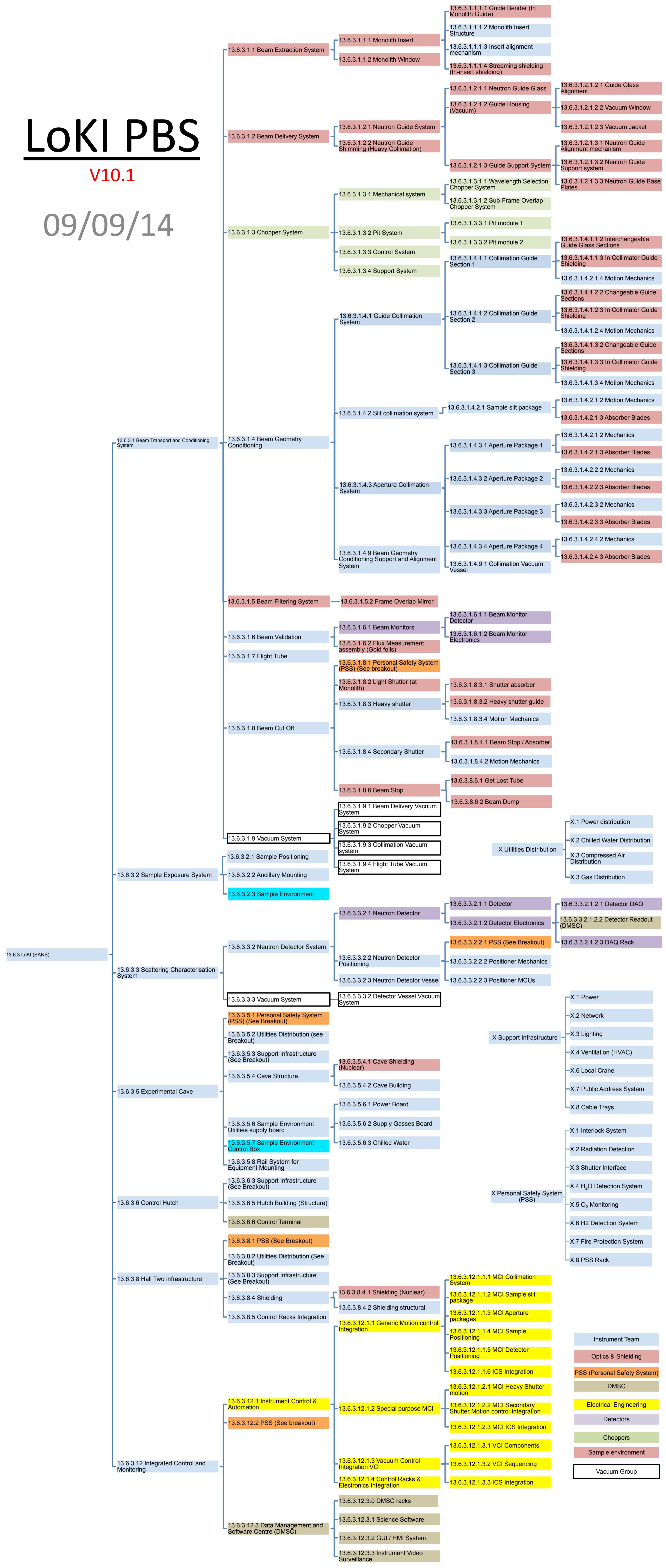


# LoKI PBS

V10.1

09/09/14



Instrument Team

Optics & Shielding

PSS (Personal Safety System)

DMSC

Electrical Engineering

Detectors

Choppers

Sample environment

Vacuum Group

X.1 Power distribution

X.2 Chilled Water Distribution

X.3 Compressed Air Distribution

X.4 Gas Distribution

X.1 Power

X.2 Network

X.3 Lighting

X.4 Ventilation (HVAC)

X.6 Local Crane

X.7 Public Address System

X.8 Cable Trays

X.1 Interlock System

X.2 Radiation Detection

X.3 Shutter Interface

X.4 H<sub>2</sub>O Detection System

X.5 O<sub>2</sub> Monitoring

X.6 H<sub>2</sub> Detection System

X.7 Fire Protection System

X.8 PSS Rack

13.6.3.2.1.2.1 Detector DAQ

13.6.3.2.1.2.2 Detector Readout (DMSC)

13.6.3.2.1.2.3 DAQ Rack

13.6.3.2.1.1.1 Beam Monitor Detector

13.6.3.1.6.1.2 Beam Monitor Electronics

13.6.3.1.8.3.1 Shutter absorber

13.6.3.1.8.3.2 Heavy shutter guide

13.6.3.1.8.3.4 Motion Mechanics

13.6.3.1.8.4.1 Beam Stop / Absorber

13.6.3.1.8.4.2 Motion Mechanics

13.6.3.8.6.1 Get Lost Tube

13.6.3.8.6.2 Beam Dump

X.1 Power distribution

X.2 Chilled Water Distribution

X.3 Compressed Air Distribution

X.4 Gas Distribution

X.1 Power

X.2 Network

X.3 Lighting

X.4 Ventilation (HVAC)

X.6 Local Crane

X.7 Public Address System

X.8 Cable Trays

X.1 Interlock System

X.2 Radiation Detection

X.3 Shutter Interface

X.4 H<sub>2</sub>O Detection System

X.5 O<sub>2</sub> Monitoring

X.6 H<sub>2</sub> Detection System

X.7 Fire Protection System

X.8 PSS Rack

13.6.3.12.1.1.1 MCI Collimation System

13.6.3.12.1.1.2 MCI Sample slit package

13.6.3.12.1.1.3 MCI Aperture packages

13.6.3.12.1.1.4 MCI Sample Positioning

13.6.3.12.1.1.5 MCI Detector Positioning

13.6.3.12.1.1.6 ICS Integration

13.6.3.12.1.2.1 MCI Heavy Shutter motion

13.6.3.12.1.2.2 MCI Secondary Shutter Motion control Integration

13.6.3.12.1.2.3 MCI ICS Integration

13.6.3.12.1.3.1 VCI Components

13.6.3.12.1.3.2 VCI Sequencing

13.6.3.12.1.3.3 ICS Integration

13.6.3.12.3.0 DMSC racks

13.6.3.12.3.1 Science Software

13.6.3.12.3.2 GUI / HMI System

13.6.3.12.3.3 Instrument Video Surveillance