



Status of LOKI CIDL

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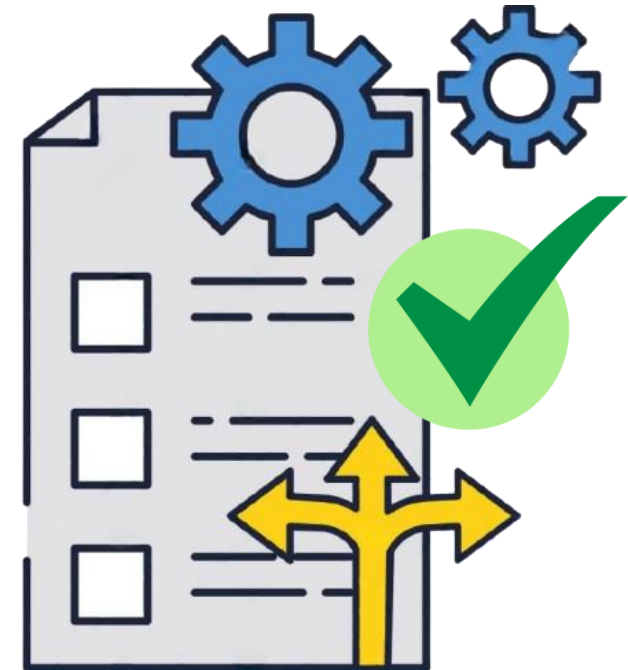
Configuration Management

In a Nutshell

1. Purpose

To ensure that, throughout the lifecycle, **information and configuration status** are:

- ✓ known at all times
- ✓ agreed upon by related parties
- ✓ complete
- ✓ correct
- ✓ consistent



ESS

****ESS Facility**
(OS-0000103)
As designed**

Infrastructure

Site and Infrastructure (OS-0000060) As-Operated	REMS (OS-0000028) As-Designed	TICP (OS-0000033) As-Verified	Cryo Buildings ODHDS CIDL (OS-0000091) As-Operated	Timing Distribution System CIDL (OS-0000036) As-Verified
Technical Network CIDL (OS-0000038) As-Verified	ICS Computing Infrastructure CIDL (OS-0000039) As-Operated	Process CIDL (OS-0000024) As-Operated	Instrument Air CIDL (OS-0000123) As-Operated	CWL (OS-0000126) As-Operated
Fire Safety CIDL (OS-0000027) As-Operated	Transport (OS-0000023) As-Operated	HVAC (OS-0000052) As-Operated		

Target

Target Station (OS-0000055) As-Verified	NBEX (OS-0000055) As-Verified
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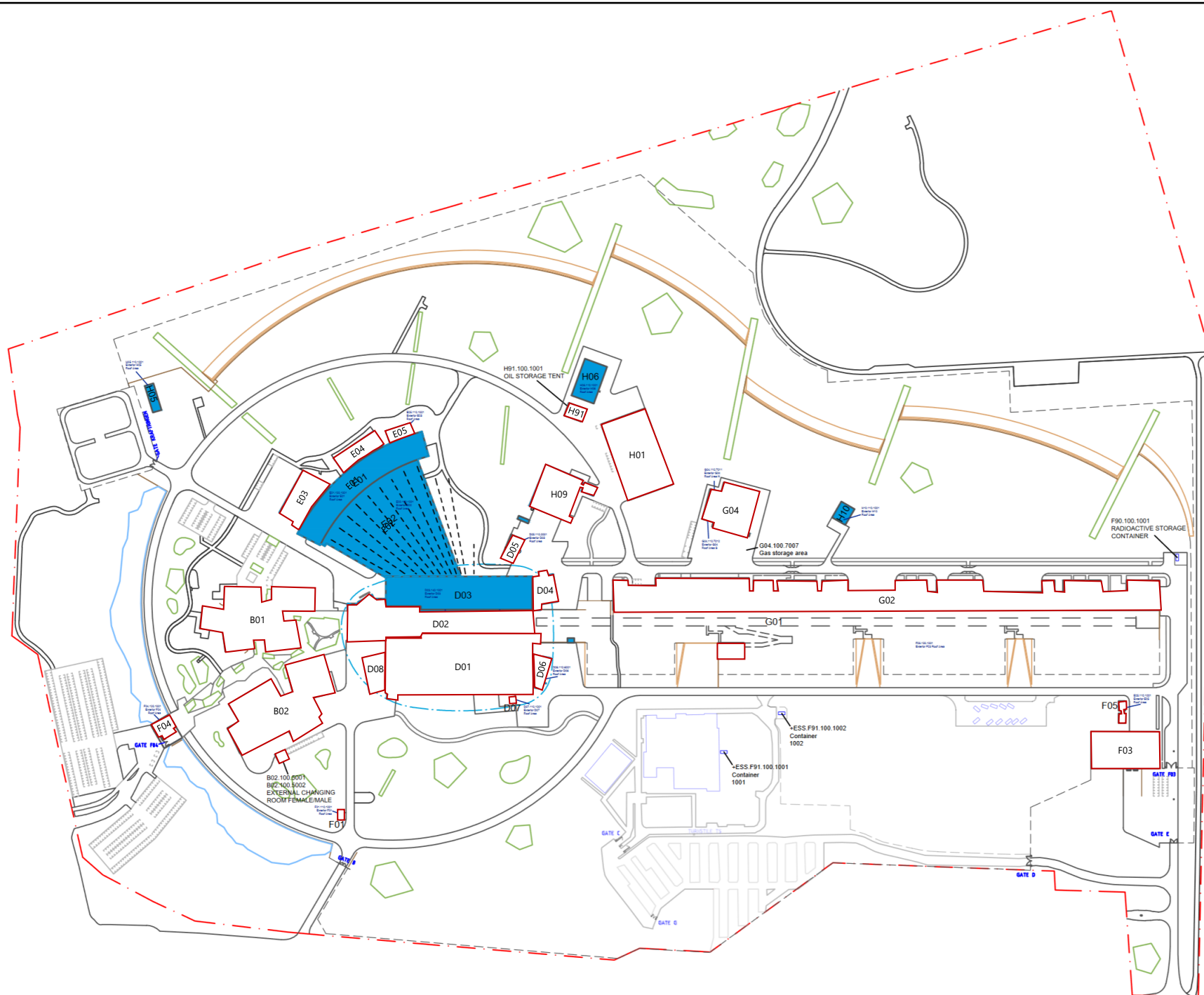
NSS

NSS * (OS-0000061) As-Verified - Preliminary	LOKI (OS-0000111) As-Verified	LOKI PSS (OS-0000139) As-Designed
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AS-BUILT

As-Built and Relevant to BIFROST

As-Built but not Relevant
to BIFROST



Agreed process for CIDLs and baselines



The process for the individual instruments in Tranche-1 is slightly different than the other projects and for the upcoming instruments.

- The CIDL will be a combined As-designed and As-Verified
 - As-Verified is integrated testing of the instrument without beam
- CIDL shall be released at ISRR, still in Preliminary a snapshot is presented here.
- Any findings in SAR that are to be solved before the iSRR shall be, where applicable, implemented in the CIDL.
- The Baseline Plan Report shall be prepared and released by the iSRR Report completion

Status of LOKI CIDL



- CIDL has been updated with documentation captured in the Green, Orange, Red and SAR pages for the instrument.
(<https://chess.esss.lu.se/enovia/link/21308.51166.60143.42214>).
- Facility baseline release report will be started and put in review after ISRR report is finalized.
(<https://chess.esss.lu.se/enovia/link/ESS-5838357/21308.51166.61307.53012/valid>)
- Documentation has been added to the FBS and is released.
- The expected documentation (design, verification and operation and maintenance) exists and are included in FBS or CIDL where relevant.
- Missing documentation and verification is for some of the control systems Data Management & Experiment Control System (=ESS.NSS.H01.LOKI.K02). Meeting has been held with ECDC and a system description will be created before BOT.

Status of LOKI CIDL



- One open NCRs

- 10567 Non compliance with ESS quality regulations
- 10500 Documentation/ verification missing for the electrical/ machinery safety
- 10482 Absence of CE marking, or related documentation
- 10650 LOKI raised floor over the control hutch not compliant with ESS-5584373

- Ongoing CCRs

- ESS-5827258 Update to Instrument PSS SIF5 logic, Operational
- ESS-5876282 Change the UPS units and settings in the PSS and GDS cabinets

- NIT

- 5 NITs ISRR, all related to model and EPL
- 1 NIT ISRR regarding pressure compliance is in to do
- 14 NIT ORR (6 To Do, 4 in progress, 4 in review)

- All NITS that are not solved for ISRR (for the individual instrument) or at the NSS SAR shall be categorized as Global (and shall be labelled “Global”)



Finish presentation