



Status of ODIN

PRESENTED BY JOAKIM MEYER

2025-12-15

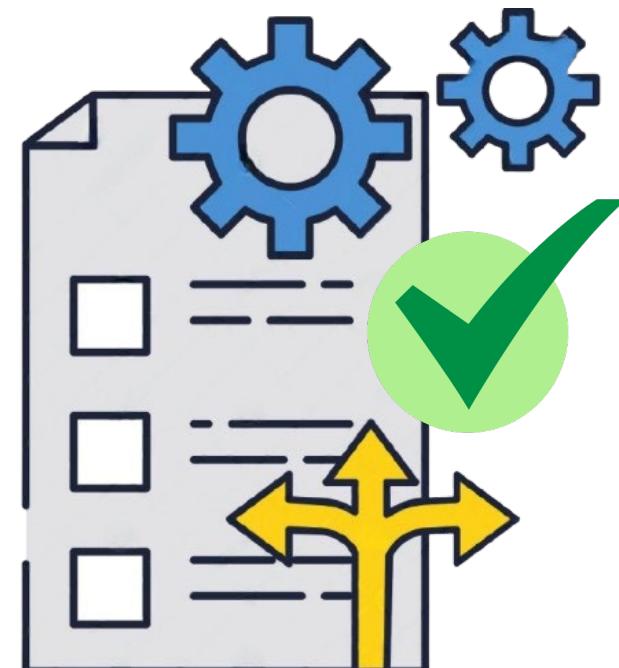
Configuration Management

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

Infrastructure

Site and Infrastructure
(OS-0000060)
As-Operated

REMS
(OS-0000028)
As-Designed

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

NSS

NSS *
(OS-0000061)
As-Verified

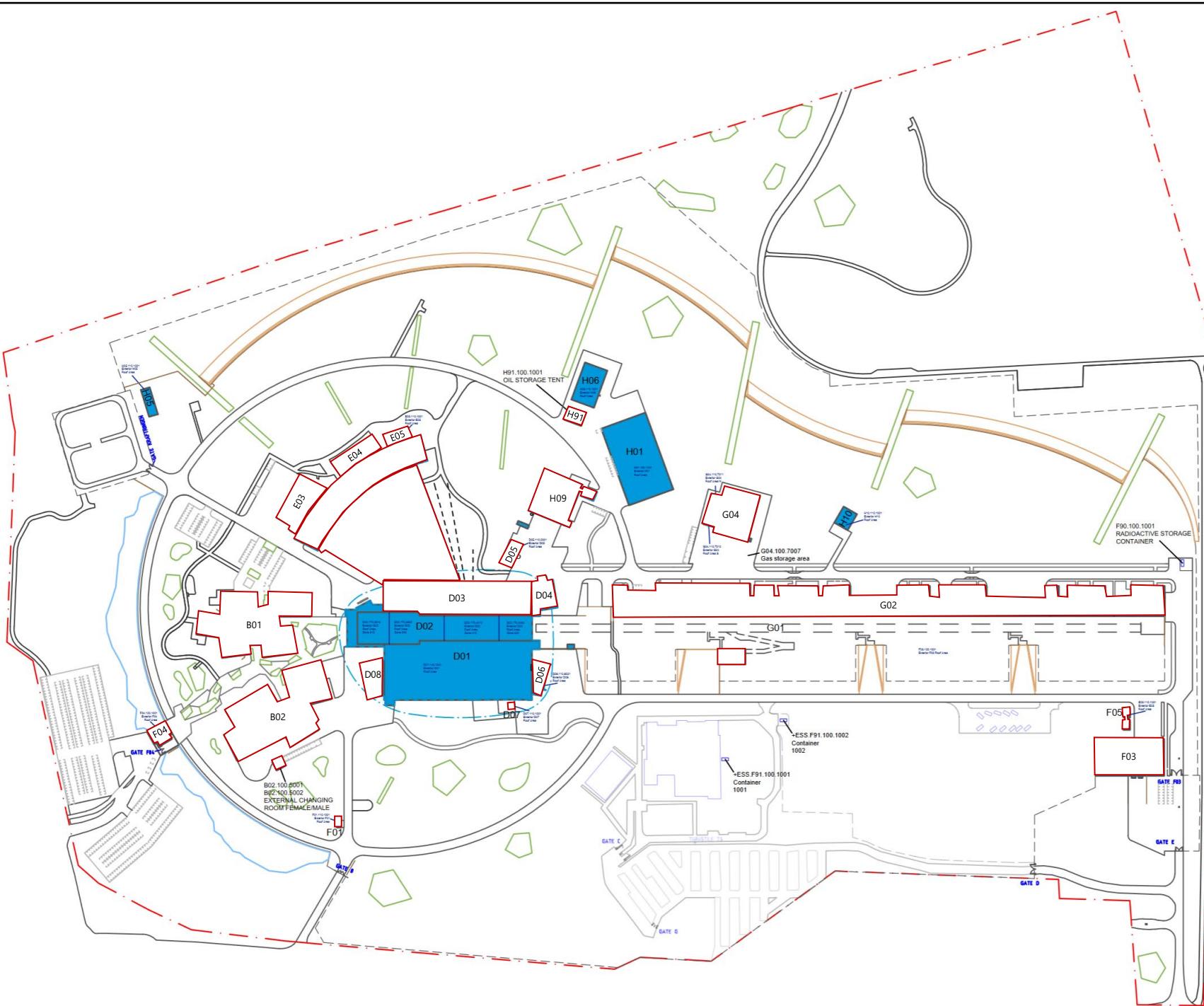
ODIN
(OS-0000115)
As-Verified

ODIN PSS
(OS-0000143)
As-Designed

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 ODIN CIDL



- CIDL has been updated with documentation captured in the Green, Orange, Red and ISRR pages for the instrument
(<https://chess.esss.lu.se/enovia/link/21308.51166.37167.42861>).
- ODIN PSS CIDL is released as-designed
(<https://chess.esss.lu.se/enovia/link/21308.51166.2639.54805>)
- ESS Facility Configuration Baseline Plan is released in rev 18
(<https://chess.esss.lu.se/enovia/link/ESS-0482562.18/21308.51166.27895.12823>)
- Facility baseline release report is prepared and will be started for review after ISRR report is finalized.
(<https://chess.esss.lu.se/enovia/link/ESS-5838374.1/21308.51166.26800.7179>)

Status of ODIN CIDL



- Documentation has been added to the FBS and is mostly 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.ODIN.K02). Meeting has been held with ECDC and a system description will be created before BOT.

Status of ODIN CIDL



- Open NCRs

- 10617 Oversized gaps in the ODIN Guide Shielding
- 10527 ODIN - Beam stop opening enlargement
- 10454 ODIN isolation issue

- Ongoing CCRs

- NIT (As of 2025-12-15)

- 23 NITs open

- 1 to be resolved by iSRR

- 6 to be resolved by iSAR

- 12 to be resolved by iORR

- 4 with no milestone



Microsoft Excel
Worksheet