TG5/SAR Meeting
ODIN: Status of NCR's and NIT's

R. Woracek, A. Tartaglione, R. Ammer, S. Athanasopoulos, S. Schmidt,
+ support groups

ODIN: Status of NCR's

ODIN - SAR

Status of NCR's and NIT's

There are a total of 3 NCR's related to ODIN

NCR 10617:
Gaps at the guide shielding are larger than nominal

NCR 10527:
Opening in the back wall was not aligned with the direct beam: This enlargement ensures that the beam will hit the beam stop and not the wall.

NCR 10454:
Isolation for ODIN's FOC1,2,3 and 4 has been checked in the bunker.

Nonconformity	Description	Equipment	Equipment Description	Type Description	Severity	Created By	Date Created	Date Updated	NCR Owner	Audit
10617	Oversized gaps in the ODIN Guide Shielding	D01.100	Level 100	Deviation from Technical Documentation	Major	SENADKUDUMO...	13-OCT-2025 11:58	17-OCT-2025 10:48	ANACINTAS	
10527	ODIN - Beam stop opening enlargement	D01.100.5112	ODIN Beam Stop Area	Other	Minor	EGLALUCA	17-FEB-2025 10:01	26-FEB-2025 13:29	ROBINWORACEK	
10454	ODIN isolation issue	D01.100.4002...	Location for Bunker South S2	Installation Nonconformity (I-NCR)	Major	BOJANPERIC	10-JUN-2024 18:51	24-SEP-2025 12:51	ROBINWORACEK	

Nonconformity 10617 Oversized gaps in the ODIN Guide

All Active Records

ODIN - SAR
Status of NCR's and NIT's

NCR 10617
- Some gaps at the guide shielding are larger than nominal.
- ESS-5720980 represent measure results for all gaps and ESS-5214439 is a map of oversized gaps.
- RP group will measure in the area once the instrument is operational and decide if more shielding is needed to cover the gap.

Owner: RP

This NCR will stay open until ESS reaches steady state operations at 5MW. (unless ESS will change the formal way of tracking this NCR).

Status: Monitor
Implication for ODIN: ok

ODIN - SAR
Status of NCR's and NIT's

NCR 10527

Based on https://jira.ess.eu/browse/SAM-62, the opening in the back wall was not exactly aligned with the direct beam (or where we expect the direct beam to be), we had to enlarge the hole slightly. This enlargement ensures that the beam will hit the beam stop and not the wall.

Record View | Comments × | Documents × | Observations × | Email Watcher ×

Nonconformity Details

Equipment:	D01.100.5112	ODIN Beam Stop Area
Location:		
Department:	*	
Type:	NCT_0006	Other
Note:	Based on https://jira.ess.eu/browse/SAM-62, the opening in the back wall was not exactly aligned with the direct beam (or where we expect the direct beam to be), we had to enlarge the hole slightly. This enlargement ensures that the beam will hit the beam stop and not the wall.	
Status:	In Progress	NCR Owner: ROBINWORACEK
Severity:	Minor	Related to Radiation Protection/Radiation Safety: ☐
Priority:		
Permanent NCR:	☐	Related to Security: ☐
Permanent NCR CHESS No.:		Related to Information Security: ☐
		Audit: ☐
		Related to Conventional Safety:

Tracking Details

Created By:	EGLALUCA
Date Created:	17-FEB-2025 10:01
Updated By:	GHINWAKELLESLY
Date Updated:	26-FEB-2025 13:29

Regarding NC 10527: back when the opening was made, we have visited the ODIN cave together with Radiation Protection (Ana Cintas) and with Günther Muhrer (Group Leader, ESS Spallation Physics). The situation was reviewed on site, focusing on the enlarged opening in the back wall and the alignment with the beam stop.

Since the size, material and position of the beam stop itself have **not** been changed, the adjustment to the wall opening only affects the instrument performance – in a positive way – by ensuring that the full direct beam is intercepted by the beam stop instead of partially hitting the wall. From the shielding and safety perspective, the change does **not** introduce any negative impact; on the contrary, it helps to minimise unnecessary neutron activation inside the cave.

Radiation Protection will in any case survey the cave and beam-stop area during operation as part of their routine follow-up.

Based on this, we consider the non-conformity to be addressed and controlled.

Best regards,
Robin

ODIN - SAR

Status of NCR's and NIT's
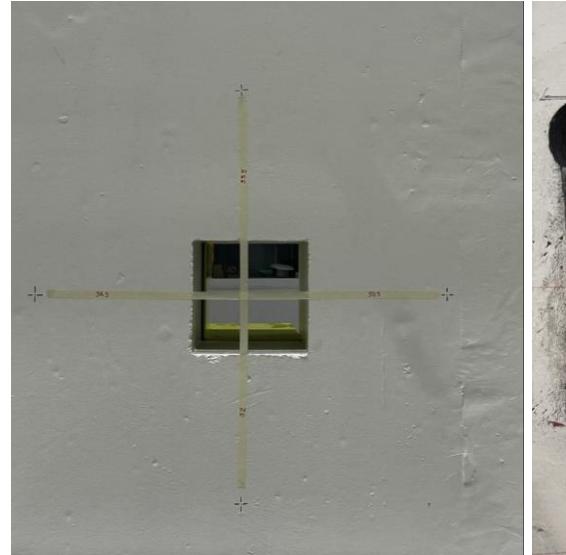
NCR 10527

ODIN - SAR

Status of NCR's and NIT's

NCR 10527

CHESS NCR: ESS-5955729

ODIN BEAM STOP ENLARGEMENT

ESS TEMPLATE FOR NON-CONFORMITIES

Step 1: Reporting, to be filled in by reporting party.			
Reported by: Egla Luca		Report date: 17/Feb/2025	Installation-NCR id: 10527
Project: Odin - NSS	Work Package: Odin Cave	Owner of the I-NCR (Installation Package Leader): Robin Woracek	
Affected Area/Location: D01 - Experimental Hall	Installation Binder id: IB 1507	Affected drawings/documents: -	
Descripton and scope of deviation: The opening in the back wall was not exactly aligned with the direct beam (or where we expect the direct beam to be). This has been recorded in https://jira.ess.eu/browse/SAM-62.			
Has deviation been reported as a TIA - Report a safety-related incident? . Yes ☐ No ☒			

Owner: ODIN

Status: Permanent I-NC to be CHESS releasad
Implication for ODIN: ok

ODIN - SAR
Status of NCR's and NIT's

NCR 10454

Isolation for ODIN's FOC1,2,3 and 4 has been checked in the bunker.

ODIN - SAR
Status of NCR's and NIT's

NCR 10454:

Isolation for ODIN's FOC1,2,3 and 4 has been checked in the bunker.

Stefan Pacoste from Q&C Division has provided an update on the NC:

"I've looked at the NC 10454 as well so I think that I can propose a path forward for the closure of this NC. My proposal should comply to the requirements of ESS-0008702 - ESS Procedure for Management of Non-Conformities rev.10. Based on the comments in EAM this NC will become a permanent NC and could be closed by following the steps bellow:
Create a NC in Chess using the template ESS-0008823 rev 07. To speeding up the NC closure process I have filled in this template (see the file attached to this email).
Start the review workflow in Chess. The reviewers should be the people that were involved in the resolution of the NC (see EAM comment) and the approver should be the NC owner.

After the NC is released in Chess my colleagues from the QD will proceed with the NC closure (@Ghinwa Kellesly and @Conny Wendt)

Please review the information that I've added in the attached template and make any corrections if needed. I was not personally involved in this NC so there is a chance that I've missed something or misinterpreted some information.

Best regards,
Stefan Pacoste"

Based on the above, Stefan has provided a draft permanent NCR for review by the relevant stakeholders. NC will be closed once the report is released in CHESS

Created: **05-DEC-2025 09:47**
Ghinwa Kellesly (GHINWAKELLESLY)

Owner: ODIN

Status: Permanent NC to be releasad in CHESS
Implication for ODIN: Accept

ODIN: Status of NIT's

ODIN - SAR

There are a total of 39 NITs's related to ODIN

Why does ODIN 'only' have 39 NITs?

- ODIN strongly benefits from work performed on TBL, LOKI, and BIFROST.

- ODIN team strategy: aim to solve issues as they arise 'on the spot,' avoiding the need for additional NITs (the number of NITs was reduced by approximately 80–120 this way)

NSS Issue Tracker Tickets / Rich Filter Results

Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter
NIT-11	RESOLVED	ODIN flight tube from Optic cave, has wrong orinetation	ODIN		Local test	Bojan Peric ⓘ	Giuseppe Aprigliano ⓘ
NIT-34	RESOLVED	ODIN: TimePix3 Activation levels after energisation	ODIN	Q-gate	TG6/ ORR	Richard Ammer ⓘ	Philip Ohlin ⓘ
NIT-39	CLOSED	ODIN: TimePix3 Documentation for Electrical	ODIN	Q-gate	TG5/iSAR	Richard Ammer ⓘ	Philip Ohlin ⓘ
NIT-326	RESOLVED	Light curtain for ODIN instrument	ODIN	Installation/SAT	TG5/iSAR	Unassigned	Bojan Peric ⓘ
NIT-351	RESOLVED	ODIN Common Guide Shielding - radiation report	ODIN	Installation/SAT	TG5/iSAR	Jesper Ringnér ⓘ	Robin Woracek ⓘ
NIT-372	CLOSED	Odin shutter NCR 10469Absence of CE marking, or related documentation	ODIN	Q-gate	TG5/iSAR	Gabor Laszlo ⓘ	Jimmy Svensson ⓘ
NIT-375	RESOLVED	NCR 10551 NSS CUP ODIN - Seal weld union connecting to valve ESS.NSS.H01.ODIN.A05.W02.Q024	ODIN	Other	TG5/iSAR	Jesper Ringnér ⓘ	Giuseppe Aprigliano ⓘ
NIT-376	IN PROGRESS	NCR 10527 ODIN - Beam stop opening enlargement	ODIN	Other	TG5/iSAR	Gabor Laszlo ⓘ	Giuseppe Aprigliano ⓘ
NIT-377	RESOLVED	NCR 10469 - Absence of CE marking, or related documentation	ODIN	Other	TG5/iSAR	Unassigned	Giuseppe Aprigliano ⓘ
NIT-378	TO DO	NCR 10454 - ODIN isolation issue	ODIN	Other	TG5/iSAR	Unassigned	Giuseppe Aprigliano ⓘ
NIT-432	RESOLVED	ODIN: Limit switches too close to over travel limits	ODIN	Other	TG5/iSAR	Ruben Martinez Garcia ⓘ	Hussein Al-Sallami ⓘ

Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter
NIT-433	TO DO	ODIN: As built Eplan drawings	ODIN	TG5/SAR	TG6/ ORR	Safaa Zaki ℹ	Hussein Al-Sallami ℹ
NIT-443	TO DO	ODIN In-bunker EPL issues	ODIN	CDR/TG3	TG5/iSAR	Gabor Laszlo ℹ	Gabor Laszlo ℹ
NIT-462	TO DO	ODIN Chopper System alignment reports missing	ODIN	Installation/SAT	TG6/ ORR	Gabor Laszlo ℹ	Erik Nilsson ℹ
NIT-463	TO DO	ODIN FOC-500 inspection incomplete	ODIN	Installation/SAT	TG6/ ORR	Erik Nilsson ℹ	Erik Nilsson ℹ
NIT-464	RESOLVED	ODIN Chopper System Isolation and PE deviation	ODIN	Installation/SAT	TG6/ ORR	Robin Woracek ℹ	Erik Nilsson ℹ
NIT-478	RESOLVED	ODIN - Chopper - cooling water tests	ODIN	Other	TG5/iSAR	Unassigned	Giuseppe Aprigliano ℹ
NIT-499	IN PROGRESS	Physical mount for ODIN detector boxes (from Test Report ESS-5849590)	ODIN	TG5/SAR	TG6/ ORR	Miguel Campos Ferro ℹ	Robin Woracek ℹ
NIT-500	IN PROGRESS	# of neutron pulses to control detector. (from Test Report ESS-5849590)	ODIN	TG5/SAR	TG5/iSAR	Jonas Petersson ℹ	Robin Woracek ℹ
NIT-501	RESOLVED	Live View in ESS Live Data; Updating (from ESS-5849590)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ
NIT-502	IN PROGRESS	Normalize by Open Beam in Live View (from ESS-5849590)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ
NIT-503	IN PROGRESS	Effective pixel size - decide place for metadata (from ESS-5849590)	ODIN	Other	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ
NIT-533	IN PROGRESS	ventilation test ODIN hutch (part of building approval process)	ODIN	TG5/SAR		Irina Pavelic ℹ	Robin Woracek ℹ

NSS Issue Tracker Tickets / Rich Filter Results

Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter
NIT-534	IN REVIEW	ODIN lifting platform	ODIN	TG5/SAR		Richard Ammer 🛈	Robin Woracek 🛈
NIT-535	IN REVIEW	ODIN beam stop -fence	ODIN	TG5/SAR		Richard Ammer 🛈	Robin Woracek 🛈
NIT-536	IN PROGRESS	BM Gas panels for ODIN	ODIN	Other	iSRR	Jesper Ringnér 🛈	Jesper Ringnér 🛈
NIT-557	RESOLVED	CMOS detector: Cable routing (from ESS-5849591)	ODIN	TG5/SAR	TG5/iSAR	Richard Ammer 🛈	Robin Woracek 🛈
NIT-558	RESOLVED	CMOS detector: Live view (from ESS-5849591)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt 🛈	Robin Woracek 🛈
NIT-559	IN PROGRESS	CMOS detector: MTF calculation (from ESS-5849591)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt 🛈	Robin Woracek 🛈
NIT-560	RESOLVED	ODIN Choppers: NICOS controls (from ESS-5849588)	ODIN	TG5/SAR	TG6/ ORR	Markus Olsson 🛈	Robin Woracek 🛈
NIT-561	IN PROGRESS	ODIN Choppers: direction and phase controls (from ESS-5849588)	ODIN	TG5/SAR	TG6/ ORR	Robin Woracek 🛈	Robin Woracek 🛈
NIT-562	RESOLVED	ODIN BEAM GEOMETRY CONDITIONG: EPL status (from ESS-5849593)	ODIN	TG5/SAR	TG6/ ORR	Miguel Campos Ferro 🛈	Robin Woracek 🛈
NIT-563	RESOLVED	ODIN BEAM FILTERING SYSTEM: EPL status (from ESS-5849592)	ODIN	TG5/SAR	TG6/ ORR	Miguel Campos Ferro 🛈	Robin Woracek 🛈
NIT-564	TO DO	ODIN BEAM FILTERING SYSTEM: Naming convention in NICOS (from ESS-5849592)	ODIN	TG5/SAR	TG6/ ORR	Vincent Hardion 🛈	Robin Woracek 🛈
NIT-566	RESOLVED	ESS-5849575 ODIN INTEGRATED TEST REPORT – SAMPLE AND CAMERAS POSITIONG SYSTEM	ODIN	TG5/SAR	TG5/iSAR	Robin Woracek 🛈	Robin Woracek 🛈
NIT-585	IN PROGRESS	ODIN Slits labeling	ODIN	Installation/SAT		Safaa Zaki 🛈	Ruben Martinez Garcia 🛈

NSS Issue Tracker Tickets / Rich Filter Results

| Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter
NIT-592	IN PROGRESS	ODIN CUP: SAT documentation not released	ODIN	Other	TG5/iSAR	Jesper Ringnér ℹ️	Aureliano Tartaglione ℹ️
NIT-593	TO DO	ODIN MCA Local Testing for ODIN MCC3	ODIN	Other	TG6/ ORR	Ruben Martinez Garcia ℹ️	Aureliano Tartaglione ℹ️
NIT-611	TO DO	Remote Control via NICOS in ODIN cave	ODIN	TG5/SAR	TG6/ ORR	Vincent Hardion ℹ️	Robin Woracek ℹ️

ODIN - SAR
Status of NCR's and NIT's

39 Total issues

NSS Issue Tracker Tickets / Rich Filter Results

Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter	P
NIT-592	IN PROGRESS	ODIN CUP: SAT documentation not released	ODIN	Other	TG5/iSAR	Jesper Ringnér ⓘ	Aureliano Tartaglione ⓘ	︿
NIT-443	TO DO	ODIN In-bunker EPL issues	ODIN	CDR/TG3	TG5/iSAR	Gabor Laszlo ⓘ	Gabor Laszlo ⓘ	=
NIT-378	TO DO	NCR 10454 - ODIN isolation issue	ODIN	Other	TG5/iSAR	*Unassigned*	Giuseppe Aprigliano ⓘ	=

1 – 3 of 3 filtered issues (601 hidden)   1

Status: To be resolved before

0	0	0	1	0	0	0	0	0	0	3	12	5
ENERGIZATION	ESS SYSTEM PERMIT	INSTALLATION	ISRR	LOCAL TEST	S&SS SAR	SAR5	SRR5	TG3/CDR	TG4	TG5/ISAR	TG6/ ORR	NONE

21 filtered issues (583 hidden)   Issue Count by **To be resolved before**

- Many of tickets resulted from Integrated Testing
- Many are small simple fixes or 'nice to haves' that are simply tracked this way (as personell will change again)
- Many are not intented to be fixed until much later ('none')

ODIN - SAR

Status of NCR's and NIT's

To be closed before TG5/iSAR

NSS Issue Tracker Tickets / Rich Filter Results

Key	Status	Summary	Instrument	Issue source	To be resolved before	Assignee	Reporter	P
NIT-592	IN PROGRESS	ODIN CUP: SAT documentation not released	ODIN	Other	TG5/iSAR	Jesper Ringnér ℹ	Aureliano Tartaglione ℹ	∧
NIT-443	TO DO	ODIN In-bunker EPL issues	ODIN	CDR/TG3	TG5/iSAR	Gabor Laszlo ℹ	Gabor Laszlo ℹ	=
NIT-378	TO DO	NCR 10454 - ODIN isolation issue	ODIN	Other	TG5/iSAR	*Unassigned*	Giuseppe Aprigliano ℹ	=

1 – 3 of 3 filtered issues (601 hidden) ‹ 1 ›

THANK YOU!

ODIN - SAR

Status of NCR's and NIT's

| NIT-375 | TO DO | NCR 10551 NSS CUP ODIN - Seal weld union connecting to valve ESS.NSS.H01.ODIN.A05.W02.Q024 | Other | TG5/iSAR | Unassigned | Giuseppe Aprigliano ⓘ |

Reference to NCR in EAM

During pressure test the threaded union coupling towards the valve ESS.INFR.W04.W03.W06.Q05 was leaking. Unfortunately the threads have been damage and can not easily be replaced. Due to the location and difficulties to drain the system (CWL) it is suggested to seal weld the union.

Owner K Falkland

Aureliano Tartaglione added a comment - 3 days ago - edited

The ODIN CUP SAT/SAR documentation shall be provided by Jesper Ringnér . I suggest him to be the assignee of this NIT Giuseppe Aprigliano . BR. Aure

Pin · ☺

Giuseppe Aprigliano added a comment - 2025-Dec-02 10:40 +0100

This comes from the CUP inspections, please check with CUP who eventually will haev to provide an approved SAR document for the entire system.

Pin · ☺

Robin Woracek added a comment - 2025-Dec-01 22:27 +0100

I don't know what this is about Giuseppe Aprigliano . Please advise of we can close this or keep open. Also please assign to a corresponding perosn.

Edit · Delete · Pin · ☺

Jesper Ringnér added a comment - 2 hours ago

For this task we consider it closed. The SAT document

Pin · ☺

Kristofer Falkland added a comment - 2 hours ago

Jesper Ringnér , Giuseppe Aprigliano , Robin Woracek

The tracker refer to the NCR 10551. Everyone can check the status of a NCR in our EAM system.

My view and understanding is that I have closed this. If this is not the case let me know.

Update: Closed

ODIN - SAR

Status of NCR's and NIT's

| NIT-376 | TO DO | NCR 10527 ODIN - Beam stop opening enlargement | Other | TG5/iSAR | Gabor Laszlo ⓘ | Giuseppe Aprigliano ⓘ |
| NIT-378 | TO DO | NCR 10454 - ODIN isolation issue | Other | TG5/iSAR | *Unassigned* | Giuseppe Aprigliano ⓘ |

- Tracking of NCR's via NIT

ODIN - SAR

Status of NCR's and NIT's

| NIT-433 | TO DO | ODIN: As built Eplan drawings | TG5/SAR | TG6/ ORR | Unassigned | Hussein Al-Sallami ℹ |

∨ Description

As built Eplan drawings for motion control cabinet and sub-system

This ticket is adressing the issues reported in the local tests:

ESS-5765134 MCC1

- Punch list item 4, wiring driagram update

ESS-5768812 MCC2

- Punch list item 1, wiring driagram update
- Punch list item 2, funcional bonding
- Punch list item 4, slits blades direction
- Punch list item 5, slits installed 90 deg. off

ESS-5768833 MCC4

- Punch list item 1, wiring driagram update
- Punch list item 2, funcional bonding
- Punch list item 4, slits blades direction
- Punch list item 5, slits installed 90 deg. off

ESS-5768834 MCC5

- Punch list item 1, wiring driagram update

∨ ◯ Ruben Martinez Garcia added a comment - 2025-Dec-05 08:47 +0100

Robin Woracek this ticket is going to be handled by our e-plan team, and Safaa Zaki is coordinating this work

Pin · ☺

∨ 👤 Robin Woracek added a comment - 2025-Dec-01 22:18 +0100

Hussein Al-Sallami Ruben Martinez Garcia Thomas Gahl : Please advise who is taking care of this (in case anything is needed) and assign the ticket accordingly. Thank you! Robin

Edit · Delete · Pin · ☺

Owner: NSS-MCA

Status: to do
Implication for ODIN: not a problem if not finished

ODIN - SAR
Status of NCR's and NIT's

| NIT-443 | TO DO | ODIN In-bunker EPL issues | | CDR/TG3 | TG5/iSAR | Gabor Laszlo ⓘ | Gabor Laszlo ⓘ |

✓ Details

Type:	☑ Task	Resolution:	Unresolved
Priority:	≡ Medium		
Labels:	design integration		
Instrument:	ODIN		
Discipline:	Instr. Comp.		
Issue source:	CDR/TG3		
Type:	Documentation		
To be resolved before:	TG5/iSAR		

✓ Description

The model has to be updated:

1. The position of the optics shall be verified against the changed alignment of the optics.
2. Some of the chopper flanges are not properly connected to the negbouring vacuum chambers.
   It shall be corrected.
3. The system shall be verified against the FBS because we have suspicions about its correctness.

Owner: NSS

Status: to do (engineering resource)
Implication for ODIN: not a problem if not finished

ODIN - SAR

Status of NCR's and NIT's

Proposed actions:

a) Record the SAM protocol with the surveyed positions of the chopper fiducials and record it in the Chopper SAT document (so we know where the chopper is today)

b) Create NIT for this issue to allow chopper SAT to continue. NIT expected completion ORR, and proposed corrections based on SAM Survey report:

- o Change the installation drawings to align against the fiducial points (aligning against the pins and plane as per usual is impossible now that the full system is installed)
- o Update a single chopper installation drawing to check the validity of the CAD model.
- o Change the CAD model if required (based on the data from SAM).
- o Update all installation drawings for choppers.
- o Produce and release SAM reports

> ⌄ 🧑 Robin Woracek added a comment - 2025-Dec-01 22:21 +0100
>
> An engineer should be assigned to do this job - if needed. The instrument functionality is not impacted by this.
> FYI: Gabor Laszlo
>
> Edit · Delete · Pin · 😊

Owner: NSS/Chopper Group

Status: to do (engineering resource)

Implication for ODIN: not a problem if not finished

ODIN – SAR

Status of NCR's and NIT's

| NIT-463 | **TO DO** | ODIN FOC-500 inspection incomplete | ODIN | Installation/SAT | TG6/ ORR | Erik Nilsson ⓘ | Erik Nilsson ⓘ | ═ |

✓ Description

As part of the Chopper SAT we inspect that all critical fasteners have been tigthened correctly, cable lables are correct etc. This was missed to double check and document during installation and since then the shielding has been installed. Suggestion to do this at the first opening of the shielding. System is working and behaving as intended.

Owner: Chopper Group

Status: do at next opportunity
Implication for ODIN: acceptable

ODIN - SAR

## Status of NCR's and NIT's

- The ODIN ToF detector did not fit reproducibly on the detector table plate
- A suitable plate has been designed and ordered
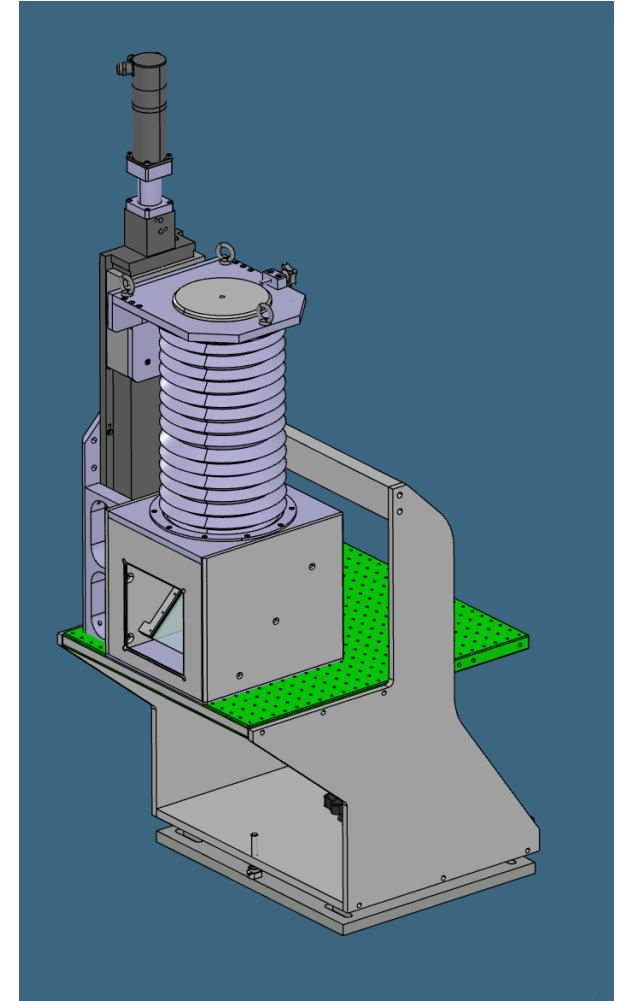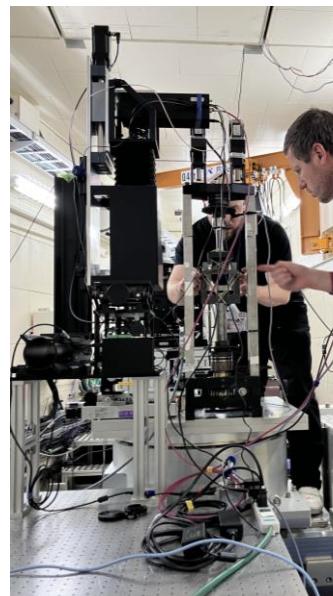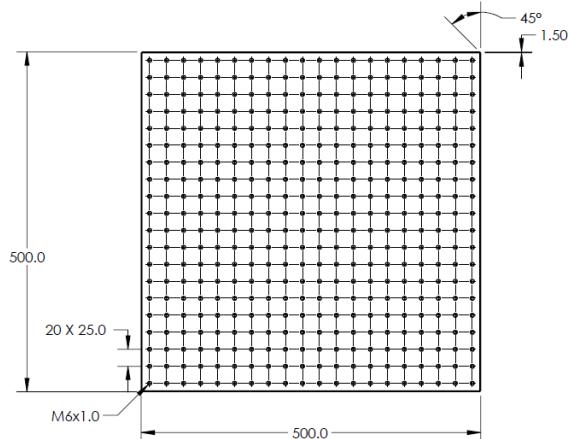
Owner: ODIN

Status: ongoing
Implication for ODIN: ok

ODIN - SAR

Status of NCR's and NIT's

▾ ◯ Aureliano Tartaglione added a comment - 2025-Dec-04 16:42 +0100

Hi Irina Pavelic,

Take into account Dec 18th is ODIN iSRR meeting during the afternoon. The whole ODIN team would be unavailable, in case is required at the site for some of us to be there during the test.

Best regards,

Aureliano

Pin · ☺

▾ 👤 Irina Pavelic added a comment - 2025-Dec-04 15:18 +0100

Thank you Aureliano Tartaglione and Richard Ammer for the information.

The earliest available time slot for the test is Thursday, 18th December, and I have booked it.

Pin · ☺

▾ ◯ Aureliano Tartaglione added a comment - 2025-Dec-04 09:51 +0100

Hi Irina Pavelic . New update: MShield personnel was yesterday on site to check the Hutch ventilation system. They will come back next week for the reparation work. Richard Ammer will be coordinating this task on site.

BR

Aureliano

Pin · ☺

▾ ◯ Aureliano Tartaglione added a comment - 2025-Dec-02 14:53 +0100 - edited

Irina Pavelic , Richard Ammer .Just uploaded the drawings where the requirements to be met are detailed: 250 m^3/h for the Control Hutch (Ground floor) and 150m^3/h for the First floor room. I have drawn red arrows pointing to the figures to achieve.

- Passed SAT
- However, duorng tes for
- Ventilation downstairs hutch did not fullfill specs

- Once the test has been completed, the certificate can be issued within a few days.

- After that, I can submit the documentation to the Municipality (together with the other required documents, drawings, reports etc), and it typically takes about two weeks for them to issue the final

Owner: ODIN ... ate (that is what is expected to be able to use the hutch).

Status: ... ore, it would be helpful if you could

Implication for ODIN: ... a date in December when

ODIN - SAR

Status of NCR's and NIT's

- Lifting platform was deemed potentially unsafe (despite passing all prior reviews)

- In any case, the instrument prefers to not have it:
  - Was never needed during installation as ramp is available.
  - Access can be better be used by fork lift if something that heavy comes in

⌄ 👤 Robin Woracek added a comment - 2025-Dec-01 22:09 +0100

The platform has been marked with 'NOT IN USE' by Richard Ammer (until it will be removed later).

Edit · Delete · Pin · 😊
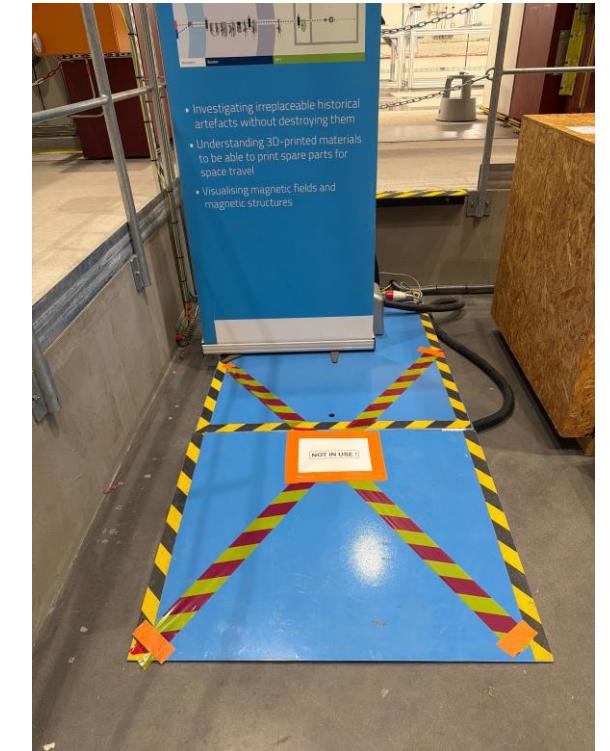
Owner: ODIN

Status: to be removed
Implication for ODIN: ok either way

ODIN - SAR

Status of NCR's and NIT's

⌄ Description

Monte Carlo simulations at 5 MW show that one ISO zone near the ODIN beamstop is slightly above the radiation limit. As a mitigation, a fence around the beamstop was proposed to prevent personnel from approaching too close.

Together with Günter Muhrer , we agreed **not** to install the fence at this stage because:

1. RP needs free access to survey and characterise the radiation field around the beamstop; a fence would hinder this.

1. A fence would trap dust and dirt behind it, creating an activation hazard.

1. The fence is only required at 5 MW according to simulations (which already include safety factors), so it may never be needed. A final decision on installing the fence will be taken later together with RP.

Owner: ODIN/RP

Status: monitor
Implication for ODIN: monitor (fence is stored on ODIN roof)

ODIN - SAR

Status of NCR's and NIT's

| NIT-536 | TO DO | BM Gas panels for ODIN | | ODIN | Other | iSRR | Jesper Ringnér ⓘ | Jesper Ringnér ⓘ | ☰ |

▽ 👤 Jesper Ringnér added a comment - 2025-Nov-24 10:37 +0100

To be assigned when we have the final design

Pin · 😊

Owner: CUP

Status: to do
Implication for ODIN: acceptable

ODIN - SAR

Status of NCR's and NIT's

NIT-563	**IN PROGRESS**	ODIN BEAM FILTERING SYSTEM: EPL status (from ESS-5849592)	ODIN	TG5/SAR	TG6/ ORR	Miguel Campos Ferro ⓘ	Robin Woracek ⓘ	☰
NIT-562	**IN PROGRESS**	ODIN BEAM GEOMETRY CONDITIONG: EPL status (from ESS-5849593)	ODIN	TG5/SAR	TG6/ ORR	Miguel Campos Ferro ⓘ	Robin Woracek ⓘ	☰

⌄ **Details**

Type:	☑ Task		Resolution:	Unresolved
Priority:	= Medium			
Labels:	design integration			
Instrument:	ODIN			
Discipline:	Instr. Comp.			
Issue source:	CDR/TG3			
Type:	Documentation			
To be resolved before:	TG5/iSAR			

⌄ **Description**

The model has to be updated:

1. The position of the optics shall be verified against the changed alignment of the optics.
2. Some of the chopper flanges are not properly connected to the negbouring vacuum chambers. It shall be corrected.
3. The system shall be verified against the FBS because we have suspicions about its correctness.

Update: Closed

Owner: NSS

Status: closed
Implication for ODIN: not a problem if not finished

ODIN - SAR
Status of NCR's and NIT's

| NIT-592 | **IN PROGRESS** | ODIN CUP: SAT documentation not released | ODIN | Other | TG5/iSAR | Jesper Ringnér ⓘ | Aureliano Tartaglione ⓘ | ^ |

⌄ 🧑 Jesper Ringnér added a comment - 5 days ago

https://chess.esss.lu.se/enovia/link/ESS-5855522.1/21308.51166.58802.26058

Dokument ongoing

Pin · 😊

Owner: CUP

Status: ongoing
Implication for ODIN: should be done for refernce material

NIT's related to Integrated Testing/Cold Commissiong

ODIN - SAR

Status of NCR's and NIT's

| NIT-500 | TO DO | # of neutron pulses to control detector. (from Test Report ESS-5849590) | ODIN | TG5/SAR | TG5/iSAR | Jonas Petersson 🛈 | Robin Woracek 🛈 | ≡ |

Robin Woracek added a comment - Just now

Hi George Kontogiorgos .
Thanks! Yes, that will work! Many thanks! We can this 'as in progress' then.

Edit · Delete · Pin · 😊

George Kontogiorgos added a comment - 2025-Dec-03 16:50 +0100

I was trying to understand this ticket and then I came with this wording:

We (ECDC) just picked one of the counter of the EVR to use it as source of the pulse counting NICOS device.Therefore, I think, this NIT ticket is an effort to reserve an EVR counter for that purpose, which is commonly agreed between ECDC, ICS and instrument teams.

Is this statement correct?

Owner: ECDC

Status: in progress
Implication for ODIN: Temporary workarounds would be possible during HC

ODIN - SAR

Status of NCR's and NIT's

NIT-502	IN PROGRESS	Normalize by Open Beam in Live View (from ESS-5849590)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ	☰
NIT-501	RESOLVED	Live View in ESS Live Data; Updating (from ESS-5849590)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ	☰
NIT-503	IN PROGRESS	Effective pixel size - decide place for metadata (from ESS-5849590)	ODIN	Other	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ	☰
NIT-559	IN PROGRESS	CMOS detector: MTF calculation (from ESS-5849591)	ODIN	TG5/SAR	TG6/ ORR	Søren Schmidt ℹ	Robin Woracek ℹ	☰

Owner: DMSC

Status: in progress
Implication for ODIN: ok (these are not crucial for HC even)

ODIN - SAR

Status of NCR's and NIT's

in progress
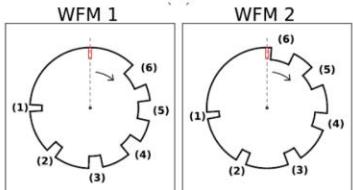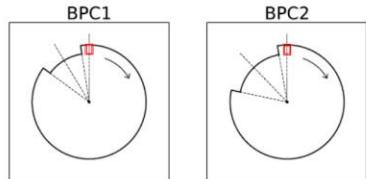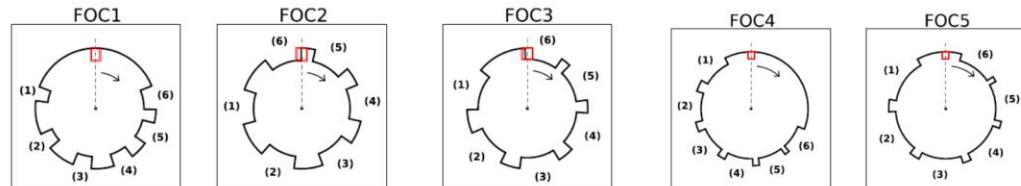
https://confluence.ess.eu/spaces/ODIN/pages/718200378/Chopper+Settings

Owner: ECDC+DMSC+ODIN+Chopper Group

Status: in progress
Implication for ODIN: should be adressed before HC, but possible to adress during HC!

ODIN - SAR
Status of NCR's and NIT's

| NIT-564 | TO DO | ODIN BEAM FILTERING SYSTEM: Naming convention in NICOS (from ESS-5849592) | ODIN | TG5/SAR | TG6/ ORR | Vincent Hardion ⓘ | Robin Woracek ⓘ | ≡ |

∨ Description

For Hot Commissioning would be nice to have an improved naming convention of the filters axis in NICOS.

Owner: ECDC

Status: To DO
Implication for ODIN: ok (simple naming convention)

ODIN - SAR

Status of NCR's and NIT's

∨ Description

During local test it was found that all slits systems were installed 90 degrees off compared to the documentation. It was decided that the slits are not going to be moved but documentation needs update and also the labeling of the cables. Also all the slits are missing the labels for the motors and resolvers.

ToM is already updated

Software is already updated (integrated test passed)

This ticket is adressing the next punch list items:

ESS-5768812 MCC2

- Punch list item 3, missing labeling
- Punch list item 4, slits blades direction
- Punch list item 5, slits installed 90 deg. off

ESS-5768833 MCC4

- Punch list item 3, missing labeling
- Punch list item 4, slits blades direction

Owner: ODIN + MCA

Status: Slit itself labelled by ODIN team, cable labelling to do
Implication for ODIN: ok (HC possible as is)

ODIN - SAR
Status of NCR's and NIT's

NSS Issue Tracker / NIT-611

Remote Control via NICOS in ODIN cave

Edit | Add comment | Assign | More ▾ | To Do ▾

▾ **Details**

Type:	☑ Task	Resolution:	Unresolved
Priority:	═ Medium		
Labels:	ODIN		
Instrument:	ODIN		
Discipline:	ECDC		
Issue source:	TG5/SAR		
Type:	Other		
To be resolved before:	TG6/ ORR		
Notes:	▾ Remote Control of NICOS via a designated tablet or similar from ODIN hutch is needed.		
	Initially this was supposed to not be allowed, but now there seems to be consensus that this is vital among all stakeholders.		
	This has been a high level requirement for ODIN from the beginning (see ESS-0129650; requirement 42).		
	Creating a NIT, so this can be followed up on (especially as I will be leaving). Thanks!		

Status: to do
Implication for ODIN: to do