

BSR activities in YETS 24-25

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Pending activities

Confirmed activities

1. exchange of BSRT viewports and mirrors (see next slide)
2. installation of new BSRTMB compact imaging system (pending approval of CERN council and UN general assembly)
3. deployment of new intensifiers on BSRTs
4. regular BSRT maintenance (e.g. filter replacement)
5. upgrade of BSRL optics
6. final re-alignment
7. re-commissioning of BSRTMB actuators (on BE-CEM side but may ask for assistance)

Non-confirmed of low priority activities

1. replacement of BSRT steering motors (especially B1V)
2. installation of new pneumatics group in BSRT B2 for filter validation
3. installation of status lights for BSR sensitive devices
4. replacement of green laser in B2 (lower power solid state as on B1)
5. changes in BSRH?
6. upgrade to BSRAN?
7. anything with BATMON/RADMON?

Status of viewports and mirrors

Viewports BSRT

- 2 spares available in ML storage:
 - CRVFWCG005-CR010039
 - CRVFWCG005-CR010040
- They were properly marked in EAM to location 865-R-B01 A04L (together with the rest of the BSRT material)
- 2 were order this year (delivery in September). Did they arrive?

Mirrors

BSRT B2:

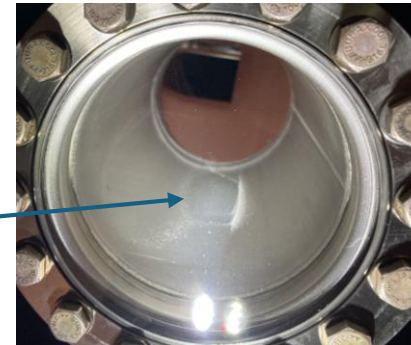
- Already has new mirror type (installed in YETS 21-22)
- Viewport replacement decision to be taken last moment

BSRT B1:

- Still with old mirror type, should be changed
- Viewport replacement is clearly needed

BSRTMB:

- Mirror should be changed if we want to try to monitor something
- Viewport is already the good type



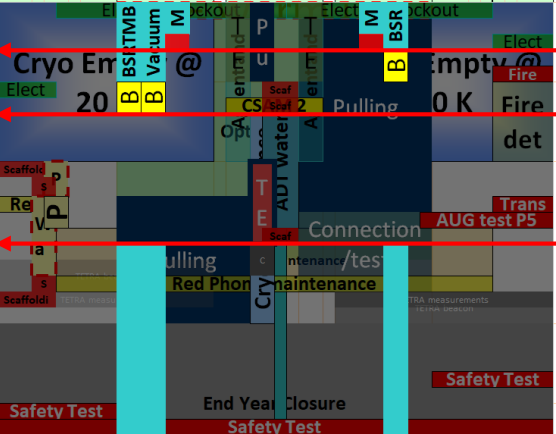
P4 schedule in YETS 24-25

2024

Q4

NOV
DEC

Sector 34		Sector 45	
ARC 34	LSS L4	P4	LSS R4
ARC 45			

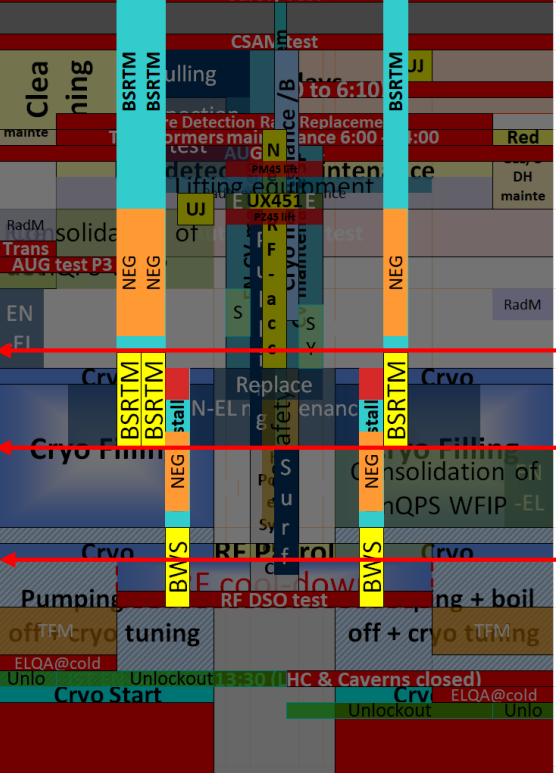


Vacuum preparation
 Viewport + mirror BSRTM B1 and mirror BSRTMB [+viewport BSRTM B2?]
 Free access for other BSR activities?

2025

Q1

JAN
FEB



Vacuum preparation and bake-out
 (limited access, agreed with VSC)
 Final BSR re-commissioning and alignment*



*2 days overlapping with BWS re-installation