

YETS 2017-18 AD RING

Coordination Meeting #1
2017-10-05

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ENGINEERING
DEPARTMENT

EYETS 2017-2018

From 18 dec 2017 to 16 march 2017

- The access point will be in "general" mode during the entire shutdown with free access by the emergency exits. An exception will be made at dangerous interventions requiring limited access to persons qualified for this work. During these periods, access control through impact will be awarded based.
- All material out of the Ring will be stored in Buffer Zone and a TREC Request will be done for control by the owner.
- Each owner of equipment will be in charge of performing the EDH transport and handling referring to their equipment.
- The visits will be subject to restrictions under the current work.

YETS AD Ring

Work Request

- MSC

- Refurbishment of 3 Magnets: BHS52, QDN55, QFN56.
- Storage of the shielding blocs in Ad Hall if possible or in the building 183.
 - BHS52:
 - 18 blocks 24168
 - 2 ventilation modules
 - Removal of the quadrupole QFW52
 - QDN55
 - 4 shielding blocks 24168
 - QFN56
 - 6 concrete beams
 - The exposed magnets, near ELENA should be removed in another place in the AD Hall. Probably on the shielding in front of ASCUSA and ALPHA experimental areas.

- TE/ABT

- Replacement of the Septum SME5305/07.

YETS AD Ring

Work Request

- BI

- General maintenance of the E.Cooler.

- Kickers:

- General maintenance + Test

- CV:

- Removal of ventilation modules (BHS52)
- Maintenance of demineralized water
- Water maintenance

- RP:

- Source Test:
 - PMIA604
 - PAXA604
 - PAXT113

- EL:

- AUG Test

- VSC

- Disconnection and reconnection: BHS52, QDN55, QFN56, SME5305/07
- Works and Maintenance:
 - Sector 1A
 - Sector 1B
 - Sector 2A
 - Sector 2B
 - Sector 3
 - Sector 4
 - DE Experimental Lines
- Bakeout Sector 1 (BHS52, QDN55, QFN56, SME5305/07)
- Bakeout Sector 2A (SHV1305)

- SU

- Alignment: BHS52, QDN55, QFN56, SME5305/07

- STI

- Replacement of the scraper SHV1305 (sector2)

Ventilation modules

BHS52

SME5305/07

QDN55

QFN56

SHV1305

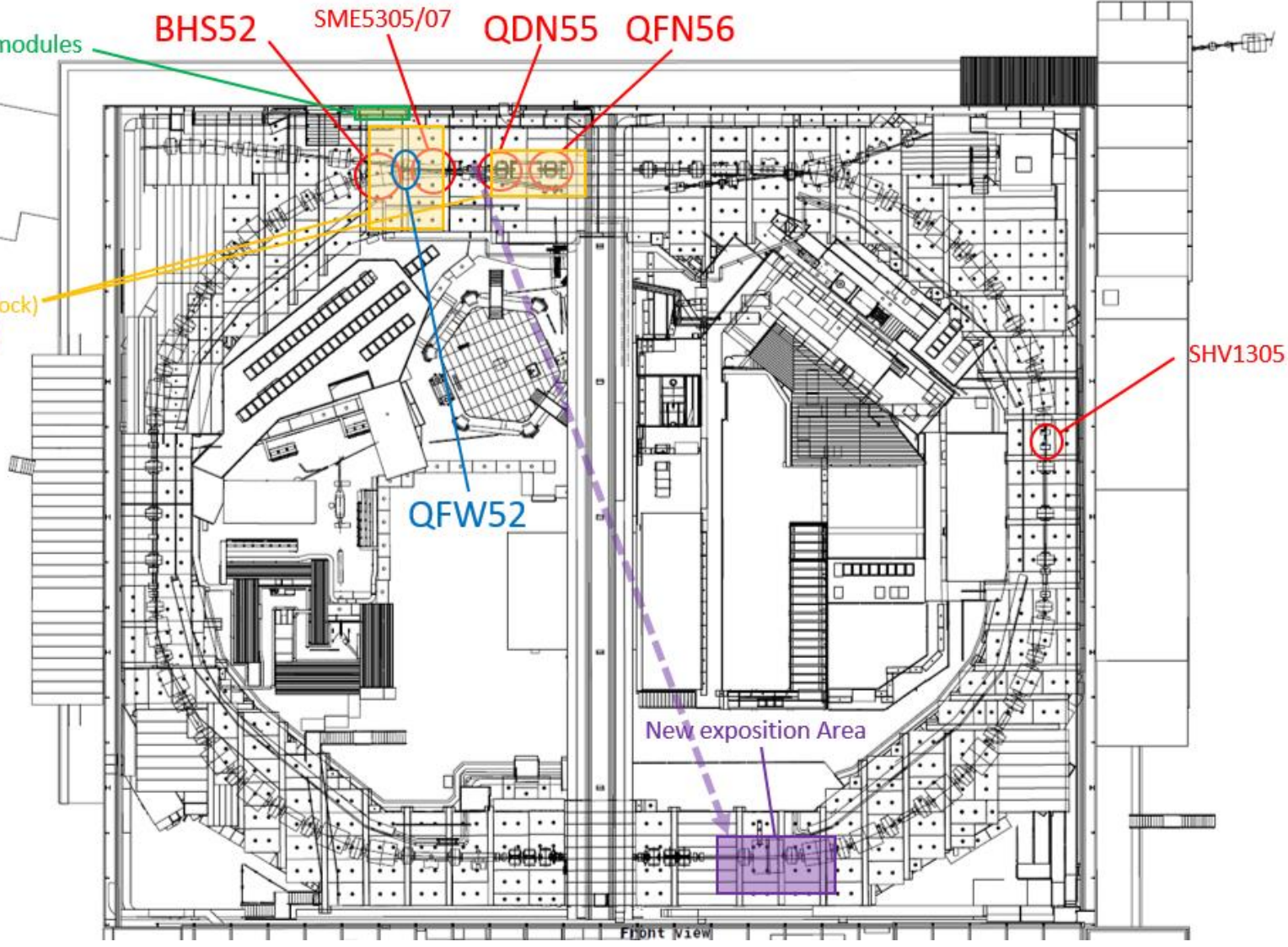
QFW52

New exposition Area

Front View

Shielding Blocks:

- 22 X 24168 (7.5T/block)
- 6 Beams (6T/beam)



Planning

- Conflict between VSC, CV and OP. A solution must be found to deliver the machine for the hardware test in time.

	MSC	ABT	STI	BI	VSC	EL	Kickers	RF	CV	HE	EA	SU	RP	OP
Dec-17									Removal of ventilation	Removal stairs of the gateway				
W50	Removal QFN56 - QDN55	Removal BHS52	Removal Septum SMES305/07		- Disconnection BHS52 - QDN55 - QFN56 - Septum - General works and maintenance		Beginning of YETS 18/12/2017			Opening shielding: - QDN55 - QFN56 - BHS52 - Septum				
W51														
W52	Christmas Break													
Jan-18														
W01														
W02			Replacement SHV1305	maintenance E-Cooler + cartouche resine	Works sector 2A and 2B	TEST AUG	- General Maintenance - Test			Closing shielding			Test source: - PMIA604 - PAXA604 - PAXT113	
W03														
W04	Refurbishment QDN55 - QFN56	Refurbishment BHS52			Bakeout sector 2									
Feb-18														
W05					Works: - Magnets group sector 1A - Septa group Sector 1A Sector 1B Sector 3 Sector 4					Opening shielding: - QDN55 - QFN56 - BHS52 - SMES305/07	Nettoyage Cables ligne 8000			
W06	Installation QDN55 - QFN56									Installation QDN55 - QFN56				
W07		Installation BHS52	Installation new Septum SMES305/07							Installation BHS52		Alignment - QDN55 - QFN56 - BHS52 - Septum		
W08					- Bakeout sector 1 - Works on DE experimental Lines					Maintenance demineralized water Maintenance water	Closing shielding			
W09														
Mar-18														
W10														
W11														HARDWARE TEST
W12							End of YETS 16/03/2018							
Apr-18														
W13														
W14														
W15														
W16														



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