

Date	Start time	Stop time	Run number	Run type:	<input checked="" type="checkbox"/> Pedestal <input type="checkbox"/> Physic	Beam type:	<input type="checkbox"/> Muon <input type="checkbox"/> Pion <input checked="" type="checkbox"/> Beam Off
2 ⁰¹⁵ /15	12:40		587	PED			

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
		0	1080	1080	1080	Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

Primo run di piedistalli con HV ON

Molto rumore su un APV dello BES LNF e

Note: un canale HV dello BesFe tira 10 mA ~~ma~~ invece di 12 mA

Date	Start time	Stop time	Run number	Run type:	<input checked="" type="checkbox"/> Pedestal <input type="checkbox"/> Physic	Beam type:	<input type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
2 ¹⁵	17:20		590	PEAS			

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm <input type="checkbox"/> 5 mm

te:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
88/08	19:39	21:20	592				

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
28K	200 200	0	1080	1080	1080	Gap:	<input checked="" type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

te:

(1)

Date: 12/5 Start time: 00:00 Stop time: Run number: 593 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 13K Trigger rate: 252 B field: 0 HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Run successivo all'allineamento dei tracker dietro il magnete e risulta essere OK.

Note:

Date: 11/05/19 Start time: 0.59 Stop time: 1.03 Run number: 594 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 12K Trigger rate: B field: 0 HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Aggiornato resII sto154013.map quindi necessita di nuovo pedestal

te:

Date: 23/08 Start time: 1.07 Stop time: 1.18 Run number: 595 Run type: ☐ Pedestal ☒ Physic Beam type: ☐ Muon ☐ Pion ☐ Beam Off

Event Number: 5111 Trigger rate: 300 B field: 0 HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Analizzando questo run si vede che le camere di test sono decentrate di 2 cm in Y e che il file map è da aggiornare

te:

(3)

Date 29/05 Start time 1.54 Stop time 1.56 Run number 596 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 8K Trigger rate B field 0 HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☒ 5 mm

New map

Note:

Date 29/08 Start time 1.57 Stop time 2:21 Run number 597 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 10361 Trigger rate 350/spill B field 0 HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Ped 596

Good

Note:

Date 29/5 Start time 2:29 Stop time 3:10 Run number 598 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 20231 Trigger rate 260/spill B field 0 HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Ped 596

Good

Note:

(4)

Date: 9/5 Start time: 3:12 Stop time: 4:29 Run number: 599 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30931 Trigger rate: 340 B field: 0 HV tracker: 1080 HV B3Fe: 1110 HV B3LN: 1110 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Red 596

Note:

GOOD

Date: 9/5 Start time: 4:30 Stop time: 5:40 Run number: 600 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 29K Trigger rate: 355/Spill B field: 0 HV tracker: 1080 HV B3Fe: 1125 HV B3LN: 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Red 596

te:

GOOD

$$\epsilon_x = 96\% \quad \sigma_x = 84 \mu\text{m} \quad C.S._x = 3.57$$

$$\epsilon_y = 95\% \quad \sigma_y = 99 \mu\text{m} \quad C.S._y = 3.28$$

Date: 29/05 Start time: 5:48 Stop time: 6:32 Run number: 602 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 20K Trigger rate: 250 B field: 0 HV tracker: 1080 HV B3Fe: 1050 HV B3LN: 1050 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Red 596

te:

GOOD

$$\epsilon_x = 97\% \quad \sigma_x = 85 \mu\text{m} \quad C.S._x = 2.20$$

$$\epsilon_y = 96\% \quad \sigma_y = 104 \mu\text{m} \quad C.S._y = 1.87$$

5

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
29/05	6.32	7:55	(603)	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
	330	0	1080	1065	1065	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: GOOD

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
29/5	7:55	9:05	(604)	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
	290	0	1080	1065	1065	<input checked="" type="checkbox"/> ArCo2
	(60 Hz)					<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: GOOD

Date	Start time	Stop time	Run number	Run type:	<input checked="" type="checkbox"/> Pedestal	Beam type:
29/5	12.07	12.08	606	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
		11.11	1080	1065	1065	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

AUMENTATO TRIGGER RATE DI SRS DA
60 Hz A 120 Hz → DA CONTROLLARE

Note:

(6)

Date	Start time	Stop time	Run number	Run type:	<input checked="" type="checkbox"/> Pedestal <input type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
13/5	10:12	10:15	608				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
10 K		1T	1080	1065	1065		
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

RiPORTATO FILE CONFIGURAZIONE SRS A 60 Hz.

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
13/5	10:19	11:44	609				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
30739	100	1T	1080	1065	1065		
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

FILE CONFIGURAZIONE SRS FAST

te:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
29/5	11:46		610				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
31298		1T	1080	1050	1050		
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

FILE CONFIGURAZIONE SRS FAST

PASCO GIO' PER 5 MINUTI

PASCO

te:

7

Date 29/5 Start time 13:17 Stop time 14:43 Run number 611 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 33188 Trigger rate 14 B field 1T HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GOOD

Note:

Date 29/5 Start time 14:44 Stop time 14:47 Run number 612 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number Trigger rate B field 1T HV tracker 1080 HV B3Fe 1095 HV B3LN 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

RUN STOPPED TO DO A MAGNETIC FIELD

MEASUREMENT

Note: BAD: TOO SHORT

Date 29/5 Start time 16:29 Stop time 18:01 Run number 613 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 31389 Trigger rate 193 B field 1T HV tracker 1080 HV B3Fe 1095 HV B3LN 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GOOD

Note:

8

Date: 29/5 Start time: 18:09 Stop time: 19:38 Run number: 614 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30594 Trigger rate: 222 B field: 1T HV tracker: 1080 HV B3Fe: M10 HV B3LN: M10 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GOOD

Note:

Date: 29/5 Start time: 19:40 Stop time: 21:05 Run number: 615 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30157 Trigger rate: 187 B field: 1T HV tracker: 1080 HV B3Fe: M25 HV B3LN: M25 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GOOD

Note:

Date: 29/5 Start time: 21:08 Stop time: 22:32 Run number: 616 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 32357 Trigger rate: 240 B field: 1T HV tracker: 1080 HV B3Fe: 1035 HV B3LN: 1035 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GOOD

Note:

Date 29/5 Start time 22:41 Stop time Run number 617 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 999 Trigger rate B field ϕT HV tracker 1080 HV B3Fe 1035 HV B3LN 1035 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

RUN STOPPED BY THE CREW
DUE TO MISSING PEDESTAL RUN

Note:

Date 29/5 Start time 22:46 Stop time 23:09 Run number 618 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 10110 Trigger rate 320 B field ϕT HV tracker 1080 HV B3Fe 1035 HV B3LN 1035 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note:

Date 29/5 Start time 23:27 Stop time 01:05 Run number 619 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 90697 Trigger rate 223 B field ϕT (0.00A) HV tracker 1080 HV B3Fe 1035 HV B3LN 1035 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

FROM 00:39 BEAM OFF FIVE MINUTES FROM 00:42 BEAM ON (32.640") ALL

Note:

10

Date: 30/05 Start time: 01:08 Stop time: 02:13 Run number: 620 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30586 Trigger rate: 329 B field: ϕ T (0 A) HV tracker: 1080 HV B3Fe: 1055 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm
 S: $I(44.1 \cdot 10^{11})$
 E: $I(44.1 \cdot 10^{11})$
 (INTENSITA' SPAFASCO INIZIO FINE)

Note: GOOD

Date: 30/05 Start time: 02:28 Stop time: 02:30 Run number: 621 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 10652 Trigger rate: 0.25 T (600 A) HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

NEW PEDESTAL → CHANGE THE MAGNETIC FIELD
 BES 3 config 108-070 15 NO 13. slo w - config 108-070 15 NO 13

te:

Date: 30/05 Start time: 02:36 Stop time: 03:44 Run number: 622 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
 (I: 44.1.10¹¹) (E: 44.1.10¹¹)

Event Number: 31613 Trigger rate: 360 / 206 SILENCE 0.25 T (600 A) HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

config 108-070 15 NO 13

te: GOOD

Date 30/5 Start time 03:51 Stop time 03:53 Run number 623 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 10460 Trigger rate 0.5T (1204 A) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

NEW PEDESTAL (NEW B FIELD)
CONFIGURAZIONE SLOW SRS

Note:

Date 30/5 Start time 03:56 Stop time 05:00 Run number 624 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
(42.5 10¹¹) (43.1 10¹¹)

Event Number 30679 Trigger rate 335 / slower 0.5T 210 / SRS (1204 A) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

CONFIGURAZIONE FAST SRS

Note:

Date 30/5 Start time 05:11 Stop time 05:14 Run number 625 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 10587 Trigger rate 0.75 (1801.7 A) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

NEW PEDESTAL (NEW B FIELD)

CONFIGURAZIONE SLOW SRS

Note:

(12)

Date 30/05 Start time 05:15 Stop time 06:27 Run number 626 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
(41.7.10¹¹) (40.3.10¹²)

Event Number 30774 Trigger rate 318 (SCLER) 197 (SRS) B field 0.75 T (18017 A) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

CONFIGURAZIONE FAST SRS

Note: GOOD

Date 30/05 Start time 06:58 Stop time Run number 627 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 12476 Trigger rate B field -1 T (-2400 A) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

CONFIGURAZIONE SLOW

NUOVO PIEDISTALLO PERCHE' CAMBIATO IL CAMPO

te:

Date 30/05 Start time 07:05 Stop time Run number 628 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
(42.1.10¹¹)

Event Number 31294 Trigger rate B field -1 T (-2400) HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

CONFIGURAZIONE FAST SRS

Note: GOOD

Date 30/5 Start time 9:25 Stop time 10:32 Run number (629) Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 31060 Trigger rate 250 B field -0.5 HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: GOOD

Date 30/5 Start time 10:38 Stop time 11:29 Run number (630) Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30640 Trigger rate 321 B field 0 T HV tracker 1080 HV B3Fe 1005 HV B3LN 1005 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

eff. initia e colore ~ 33%

Note: GOOD

Date 30/5 Start time 11:32 Stop time 12:17 Run number (631) Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 25269 Trigger rate 267 B field 0 T HV tracker 1080 HV B3Fe 975 HV B3LN 975 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: GOOD

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
3/7/5	12:19	13:04	632	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
25129	294	0 T	1080	945	945		<input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
1/05	13:19	14:36	633	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
33564	239	1 T	1080	1080	1080		<input checked="" type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

Field camere di test 1/3/3/5 KV/cm

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
30/05	16:47	16:22	684	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
30052	190	1 T	1080	1080	1080		<input type="checkbox"/> ArIso
				0FE		Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

Field camere test 2/3/3/5 KV/cm

è problema con HV
 cell' impostare di ID campo cell
 hanno dati regione di drift

FERRARA NO

15

Date 30/05 Start time 16:25 Stop time 18:11 Run number 635 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30154 Trigger rate 900 B field 1T HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: GOOD

Date 30/05 Start time 18:16 Stop time 19:49 Run number ~~635~~ 636 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30065 Trigger rate 260 B field 1T HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

GAIN SWAPPING 1

$G1/G2/G3 = 380/360/340$

DRIFT STD = 154

Note: GOOD

Date 30/05 Start time 19:51 Stop time 21:20 Run number 637 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 31689 Trigger rate 185 B field 1 HV tracker 1080 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

61/62/63 = 370/360/350

Note: GOOD

Date: 6/05 Start time: 21.23 Stop time: 22.56 Run number: 638 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 31 K Trigger rate: 202 B field: 1 HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

G1/62/63 350/366/390

Note: GOOD

Date: 6/05 Start time: 22.58 Stop time: 00.18 Run number: 639 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 34641 Trigger rate: 170 B field: 1 HV tracker: 1080 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: GOOD

Date: 31/5 Start time: 00.19 Stop time: 1.14 Run number: 640 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30124 Trigger rate: 250 B field: 1 HV tracker: 1080 HV B3Fe: 1110 HV B3LN: 1110 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: GOOD

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/5	1;15	2;10	641	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
32288	230	1T	1080	1095	1095	<input checked="" type="checkbox"/> ArCo2
30288						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/5	2;12	3;09	642	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
32205	242	1T	1080	1005	1005	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

End of scan HV @ 1T

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/5	3;10	4;02	643	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
30091	268	1T	1080	975	975	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: Good

(18)

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
31/5	4:03	5:16	644	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
30138	270	1T	1080	945	945		<input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

Note: (good)

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
31/5	5:20	6:07	645	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
20644	192	1T	1080	1080	1080		<input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

(good)

te: Induction from 5 kV/cm to 6 kV/cm

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
31/5	6:09	6:47	646	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
21639	278	1T	1080	1080	1080		<input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm
							<input checked="" type="checkbox"/> 5 mm

(good)

te: Induction from 6 kV/cm to 4 kV/cm

Date: 31/5 Start time: 6:51 Stop time: 8:06 Run number: 647 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30220 Trigger rate: 233 B field: 1T HV tracker: 1080 HV B3Fe: ~~1080~~ 1095 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: ^{Good} Compass-like HV configuration

Date: 31/5/2015 Start time: 08:10 Stop time: ~~08:17~~ 08:17 Run number: 648 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 15525 Trigger rate: / B field: \emptyset HV tracker: 1080 HV B3Fe: 1095 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: ^{Good} COMPASS LIKE HV CONFIGURATION

Date: 31/05/2015 Start time: 8:20 Stop time: 13:17 Run number: 649 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 32k Trigger rate: 241 B field: \emptyset HV tracker: 1080 HV B3Fe: 1095 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

09:10 BLM problem \leftrightarrow no beam
 12:17 BEAM ON AGAIN

Note: ^{Good}

Date 31/05	Start time 17:22	Stop time 15:04	Run number 650	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
Event Number 32740	Trigger rate 325	B field 0T	HV tracker 1080	HV B3Fe 1080	HV B3LN 1080	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

Note: Good

Date 31/05/2015	Start time 15:07	Stop time 16:25	Run number 651	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
Event Number 30335	Trigger rate	B field 0T	HV tracker 1080	HV B3Fe 1110	HV B3LN 1110	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

Note: Good

Date 31/05/2015	Start time 16:37	Stop time 18:03	Run number 652	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
Event Number 30634	Trigger rate 320	B field 0	HV tracker 1080	HV B3Fe 1095	HV B3LN 1095	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
						Gap:	<input type="checkbox"/> 3 mm <input checked="" type="checkbox"/> 5 mm

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/05	18:05	19:16	653	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
30575	253	0	1080	1065	1065	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/05	19:18	20:35	654	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
31346	262	0	1080	1125	1125	<input checked="" type="checkbox"/> ArCo2
	430					<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
31/05	20:31	22:02	655	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
30041	330	1	1080	1125	1125	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso
						Gap:
						<input type="checkbox"/> 3 mm
						<input checked="" type="checkbox"/> 5 mm

Note: Good

Date: 6/08 Start time: 22:08 Stop time: 23:17 Run number: 656 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30823 Trigger rate: 290 B field: 1 HV tracker: 1080 HV B3Fe: 1063 HV B3LN: 1065 Gas: ☒ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☒ 5 mm

Note: Good

Date: 09/06 Start time: 08:29 Stop time: 08:33 Run number: 659 Run type: ☒ Pedestal ☐ Physic Beam type: ☐ Muon ☐ Pion ☒ Beam Off

Event Number: 23310 Trigger rate: 0 B field: 0 HV tracker: 1080 HV B3Fe: 1125 HV B3LN: 1065 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

RUN DI PIEDISTALLI DOPO L'INSTALLAZIONE DELLE WELL
(WELL OFF)

Note:

Date: 6/6 Start time: 14:47 Stop time: 14:50 Run number: 662 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 23126 Trigger rate: 0 B field: 0 HV tracker: 1080 HV B3Fe: 1175 HV B3LN: 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL: 1100/1300

BAD TEST DETECTORS OUT OF THE BEAM

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
4/6	14:52	663 15:37	663		<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion
							<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
15730	210	0	1080	1125	1125		<input type="checkbox"/> ArIso
						Gap:	<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

HV WELL: 1700/300

BAD: SEE RUN 662

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
4/6	15:40	16:09	664		<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion
							<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
8408	201	0	1080	1125	1125		<input type="checkbox"/> ArIso
						Gap:	<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

HV WELL: 1400/300

BAD RUN: B3Fe and B3LN not aligned

BAD: SEE RUN 662

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
4/6	16:34	16:46	665		<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion
							<input type="checkbox"/> Beam Off
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
4646	204	0	1080	1125	1125		<input type="checkbox"/> ArIso
						Gap:	<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

HV WELL

1750/350

BAD: see RUN 662 ~~reset~~

Note:

Date 4/6 Start time 17:02 Stop time 17:17 Run number 667 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 5126 Trigger rate 80 130 B field 0 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL
1750/350

GOOD FOR BES3 BAD FOR WELL

Note:

Date 4/6 Start time 17:17 Stop time 17:19 Run number 668 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 1132 Trigger rate 200 B field 0 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL
1750/350

GOOD FOR BES3 BAD FOR WELL

Note:

Date 4/6 Start time 17:34 Stop time 17:48 Run number 669 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 5332 Trigger rate 315 B field 0 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL 1750/350

GOOD

Note:

Date 4/6 Start time 17:48 Stop time 18:33 Run number 670 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 20288 Trigger rate 315 B field 0 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV well
1750/350

Note: Good

Date 4/6 Start time 18:34 Stop time 19:22 Run number 671 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30k Trigger rate 330 B field 0 HV tracker 1080 HV B3Fe 1095 HV B3LN 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well
1760/360

Note: Good

Date 4/6 Start time 19:24 Stop time 20:04 Run number 672 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30081 Trigger rate 350 B field 0 HV tracker 1080 HV B3Fe 1065 HV B3LN 1065 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well 1780/380

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
4/6	20:06	20:58	673				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
29999	380	0	1080	1080	1080	Gap:	<input checked="" type="checkbox"/> 3 mm <input type="checkbox"/> 5 mm

WELL 1790/390

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
4/6	21:01	22:14	674				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
30975	335	0	1080	1050	1050	Gap:	<input checked="" type="checkbox"/> 3 mm <input type="checkbox"/> 5 mm

WELL 1740/340

Note: Good

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal <input checked="" type="checkbox"/> Physic	Beam type:	<input checked="" type="checkbox"/> Muon <input type="checkbox"/> Pion <input type="checkbox"/> Beam Off
4/6	22:19	23:09	675				
Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2 <input type="checkbox"/> ArIso
31125	314	0	1080	1005	1005	Gap:	<input checked="" type="checkbox"/> 3 mm <input type="checkbox"/> 5 mm

WELL
1720/320

Note: Good

Date: 4/6 Start time: 23:11 Stop time: 23:34 Run number: 676 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30063 Trigger rate: 320 B field: 0 HV tracker: 1080 HV B3Fe: 975 HV B3LN: 975 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm
WELL 1700/300

Note: GOOD

Date: 4/6 Start time: 23:59 Stop time: 00:17 Run number: 677 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 6333 Trigger rate: ? B field: 0 HV tracker: 1080 HV B3Fe: Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm
BEAM STOP at 00:17 WELL 1750/350

GOOD
Note: OT - COMPASS LIKE CONFIGURATION (2.5/3.7/3.7/3.7 - 390-375/330)

Date: 5/6 Start time: 00:45 Stop time: 01:10 Run number: 678 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 10998 Trigger rate: ? B field: 0 HV tracker: 1080 HV B3Fe: Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm
WELL ?
NO BEAM @ 01:37. STOP DATA TAKING

Note: OT - COMPASS LIKE CONFIGURATION (2.5/3.7/3.7/3.7 - 390-375/330)
GOOD

Date 5/6 Start time 8.19 Stop time 08:57 Run number 679 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 15582 Trigger rate 280 B field 0 HV tracker 1080 HV B3Fe 1095 HV B3LN 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

END OF HV SCAN @ OT

WELL
1700/300

Good

Note: OT- COMPASS-LIKE CONFIGURATION

Date 5/6 Start time 09:17 Stop time 09:21 Run number 680 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 21528 Trigger rate 280 B field +1 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

PEID FOR SCAN @ 1T

WELL
1790/390

Note:

Date 5/6 Start time 09:22 Stop time 10:46 Run number 681 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30112 Trigger rate 235 B field +1 HV tracker 1080 HV B3Fe 1125 HV B3LN 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

BAD PEDESTAL
SUBTRACTION

WELL
1790/390

Note: *[Signature]*

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
8/6	10.51	12.19	682	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
30061	224	1	1080/1100	1098	1095	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso

il 4° TRK (TRK3) è inefficiente sulla vista x allora ~~viene~~ è stata
modificata HV da 1080/1110

Gap: ☒ 3 mm
☐ 5 mm

HV well
1780/1380

Note: BAD PEDESTAL SUBTRACTION

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
5/6	12.21	13:44	683	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
30K	258	1	1080/1110	1080	1080	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso

Gap: ☒ 3 mm
☐ 5 mm

HV well
~~1780/1380~~
1760/360

BAD PEDESTAL SUBTRACTION

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:
5/6	13.46	16:01	689	<input checked="" type="checkbox"/> Physic	<input checked="" type="checkbox"/> Muon	<input type="checkbox"/> Pion
					<input type="checkbox"/> Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:
28386	216	1	1080/1110	1050	1050	<input checked="" type="checkbox"/> ArCo2
						<input type="checkbox"/> ArIso

Gap: ☒ 3 mm
☐ 5 mm

HV well

1750/350

BAD PEDESTAL SUBTRACTION

Note:

Date 5/6 Start time 16:03 Stop time 16:06 Run number 685 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 23155 Trigger rate 1 B field 1 HV tracker 1080 HV B3Fe 1050 HV B3LN 1050 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL

1750/350

~~BAD PEDestal SUBTRACTION~~

Note:

Date 5/6 Start time 16:07 Stop time 17:42 Run number 686 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30039 Trigger rate 198 B field 1 HV tracker 1080 HV B3Fe 1005 HV B3LN 1005 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

HV WELL

1750/350

Note:

Date 5/6 Start time 17:44 Stop time 19:24 Run number 687 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 37 KeVest Trigger rate 4000 B field 1 HV tracker 1080 HV B3Fe 1005 HV B3LN 1005 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

~~WE CAN NOT OPEN PROPERLY THE ROD~~

HV WELL

1740/340

GOOD

Note: CHANGE BEAM PARAMETER. TRIGGER RATE 4000

Date 5/6 Start time 20.58 Stop time 21.01 Run number 690 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 2264 Trigger rate 1071 B field 1 HV tracker 1080 HV B3Fe 975 HV B3LN 975 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

Wen
1720/320

GOOD
Note: PLL → CSRI FINDELAY from 6 → 0

Date 5/6 Start time 21.02 Stop time 21.31 Run number 692 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 2258 Trigger rate 2000 B field 1 HV tracker 1080 HV B3Fe 975 HV B3LN 975 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

1720/320

GOOD
FULMINE COUPISCE IL SITO. BEAM OFF
Note:

Date 5/6 Start time 22.13 Stop time 22.54 Run number 693 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 32267 Trigger rate 2588 B field 1 HV tracker 1080/1110 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

WELL
1720/320?

Note: GOOD

Date: 5/6 Start time: 22.56 Stop time: 23.21 Run number: 694 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 30061 Trigger rate: 3199 B field: 1 HV tracker: 1080/1110 HV B3Fe: 1095 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well
1790/330

Note: GOOD

Date: 5/6 Start time: 23.23 Stop time: 23.51 Run number: 695 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: ~~30061~~ 30302 Trigger rate: 3100 B field: 1 HV tracker: 1080/1110 HV B3Fe: 1125 HV B3LN: 1125 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well
1780/330

Note: GOOD

Date: 8/6 Start time: 23.58 Stop time: 0.37 Run number: 696 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number: 58579 Trigger rate: 3015 B field: 1 HV tracker: 1080/1110 HV B3Fe: 1095 HV B3LN: 1095 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

COMPASS-Like 2.8/3.7/3.9 - 330/375/330

well
1760/360

Note: GOOD

Date 6/6 Start time 0.44 Stop time 1.04 Run number 697 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 32413 Trigger rate 3700 B field 1 HV tracker 1080/1110 HV B3Fe 1065 HV B3LN 1065 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well
 1700/300

Note:

Date 6/6 Start time 1.09 Stop time 1.28 Run number 698 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30536 Trigger rate 3670 B field 1 HV tracker 1080/1110 HV B3Fe 1110 HV B3LN 1110 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

well
 1800/400

Note:

Date 6/6 Start time 8:58 Stop time 9:04 Run number 699 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 39000 Trigger rate / B field 0.75 HV tracker 1080/1110 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

WELL
 1780/380

Note:

Date 6/6 Start time 9:14 Stop time Run number 700 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number Trigger rate B field HV tracker HV B3Fe HV B3LN Gas: ☒ ArCo2 ☐ ArIso
5052 4000 0.75 1080/1110 1080 1080
Gap: ☒ 3 mm ☐ 5 mm

WELL 1780/380

PROBLEMS TO RESTART DAR : HMDAR STOPPED / RESTARTING

Note:

Date 6/6 Start time 9:17 Stop time 9:36 Run number 701 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number Trigger rate B field HV tracker HV B3Fe HV B3LN Gas: ☒ ArCo2 ☐ ArIso
31532 4000 0.75 1080/1110 1080 1080
Gap: ☒ 3 mm ☐ 5 mm

WELL 1780/380

Note:

Date 6/6 Start time 9:37 Stop time 9:41 Run number 702 Run type: ☒ Pedestal ☐ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number Trigger rate B field HV tracker HV B3Fe HV B3LN Gas: ☒ ArCo2 ☐ ArIso
702 0.57 1080/1110 1080 1080
30191
Gap: ☒ 3 mm ☐ 5 mm

WELL 1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
6/6	9:42	10:11	703	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
31162	4000	0.5T	1080/1110	1080	1080	Gap:	<input type="checkbox"/> ArIso
							<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

WELL 1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	<input checked="" type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
6/6	10:12	10:16	704	<input type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
30549		0.257	1080/1110	1080	1080	Gap:	<input type="checkbox"/> ArIso
							<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

WELL 1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	<input type="checkbox"/> Pedestal	Beam type:	<input checked="" type="checkbox"/> Muon
6/6	10:17	10:38	705	<input checked="" type="checkbox"/> Physic		<input type="checkbox"/> Pion	<input type="checkbox"/> Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	<input checked="" type="checkbox"/> ArCo2
17387	3.200	0.25T	1080/1110	1080	1080	Gap:	<input type="checkbox"/> ArIso
							<input checked="" type="checkbox"/> 3 mm
							<input type="checkbox"/> 5 mm

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Note: NO BEAM.

Date: 6/6 Start time: 11:33 Stop time: 11:45 Run number: 706 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
 Event Number: ~~3000~~ 16 K Trigger rate: 3000 B field: +0.25 T HV tracker: 1080/1110 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

1780/380

Note:

Date: 6/6 Start time: 13:00 Stop time: 13:03 Run number: 707 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
 Event Number: 20 K Trigger rate: B field: -0.25 T HV tracker: 1080/1110 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

WELL
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Note:

Date: 6/6 Start time: 13:05 Stop time: 13:15 Run number: 708 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off
 Event Number: 15500 Trigger rate: 4000 B field: -0.25 T HV tracker: 1080/1110 HV B3Fe: 1080 HV B3LN: 1080 Gas: ☐ ArCo2 ☐ ArIso Gap: ☐ 3 mm ☐ 5 mm

WELL
1780/380

Note:

Date 6/6 Start time 13:15 Stop time 13:25 Run number 709 Run type: ☐ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 15600 Trigger rate 4K B field -0.25 HV tracker 1080/1110 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

WCH
 1780/380

Note:

Date 6/6 Start time 13:26 Stop time 13:29 Run number 710 Run type: ☒ Pedestal ☐ Physic Beam type: ☐ Muon ☐ Pion ☐ Beam Off

Event Number ~~8000~~ 20K Trigger rate ~~3500~~ B field -0.5 HV tracker 1080/1110 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

1780/380

Note:

Date 6/6 Start time 13:31 Stop time 13:48 Run number 711 Run type: ☒ Pedestal ☒ Physic Beam type: ☒ Muon ☐ Pion ☐ Beam Off

Event Number 30K Trigger rate 3600 B field -0.5 HV tracker 1080/1110 HV B3Fe 1080 HV B3LN 1080 Gas: ☒ ArCo2 ☐ ArIso Gap: ☒ 3 mm ☐ 5 mm

1780/380

Note: