MM. 29 Cyrcé measurement slot Short: 8:95 - Some problems with Python andogni for clicking but seeingly Hert with dek measurements + short voltage scan Le check the voltage, 2V is still not asoble (0's in file) we choose & 1,9/ (Cooks good without problems) Ast Quick Com scan, without diffuser, 2nd Foraday cup { Stat - Quick Scan - 2 nA - 3 2nA → 1,88 nA Gaschromic changes are taken at Coner current - pt instead of nA (otherwise Safetramic Carned) 4 Cyrce crew guerantees that there never was a change of Ceam Shape when Cowere for Gaf changes ? y-son {Quick / Scan - Oum - 2nt 3 1,97nt > 1,87nt [-20% ambience pressure in Cyrcé chamber]
-1 desk current & Desk- 11 3 - Came prefix as before } We position the Peck trapezoid (compare pictures) 5 we choose the 200 pm diffuser and count 2nt [PEEK is positioned so that are use the maximum of the 24 mm gretire and Still Park some conblocked Gearn [The weet: are have a program to change wheel position, 2nA PO6 / PO8 [Beam Kept in 1,99-201 nA rengl] Collinater in Ceam One for all We had the extra 25 mm measurements entil now, now we take it out! - We now have the full 36.5. gretire 17

- Bean Sean 01: { Bean Sean 1 - Gum - In A } 2,02 nA > 1,93 nA to each fine with Galchronic offenerals [estimated delay: 10mm -] 7100ph fer Saf-Scan & Gaf Chrome The scan was shifted a bit to the left - we readjust to middle = 21]

Sean scan Q2; { Beam Scan 2 _ _ _ 3 2,000 A > } We had a crash of the away with the gretre - resulting in a crashed the set voltage (arrend 4. We went day, repositived the away and it still caps ! We restort the Geam scan { Bean, Scan 2- 3 2,00nf -> 1,95 nf Longe to diffuses: 40 Mm at Bost & Diff Beam Scan 03... 3

Longe to diffuses: 40 Mm at Bost & Diff Beam Scan 03... 3

2,01 nA > 2,01 nA > 2,01 nA

Longe to diffuses: 40 Mm at Bost & greyocale charge, +12

- 19B for Cert resolution] & Goldranic - Mrs. Boar 113

4 Sefahanic charge: delay ~ 5 min & Bost & Goldranic - Mrs. Boar 113

- 2001. 700 mm diffuse & Diff Bean Scan 09_- 3 2,022 / 4 5 We were gut of the Ceam] 2,011A-> 1,979nA 4 Goldramic delay ~ 5 min Congong numbers 21) -400mm defluser & Boom San 05-400mm -- 3 1,02 n A > 1,00 n A Laner cured che to straying an autience activation] 12:381 Jelchremic delay - 5 mm {#143 } #153 Fine Sca: 0 -> 41 in x , 70 in y , Ildas samples 55/01: 12148 12:30 Elive 1. gun 2 nA 3 2nA - 1,695 nA Solchamic delay - 15 mm {#17}

14:43 cente: 21 = x center 1 140.7 = y-center - We have suitched to Organ Matrix array (1x1mm dedes - We stert with vallage scan (200 um difuses, 2nA when with sign - vollage scan 0-21, qualitatively same behaviour as with 128 away, 2 diades not crashing {20 Matrix-devk_}}
List beam: 2,03nA > 2,05nA {20 Matrix-3 [We chase 191 for measurements] - X Scan 0 - 42 / 1mm deps 1 2,06 n A -> 2,06 n A (some dodes will always be in the bean) - VScan 4635+94.35/1Aeps/2,06nA -> AudonA 2,06nA {20 large - X San 3 { 20 harge - Y Scan 3 (Some strange Celariar Cecarse X San Catimed after furting, 15.5m 75.85m

- XY scan: 2,05 nA ->

- XY scan: 2,05 nA ->

- 21,70.35 => Scan frem: X1 15.5mm -> 26.5mm end san 2,05 mA C= 2,02,A XIsem D= hopen. 1,98 A Gafdaire \$4183 Five Asa Blias C-1,04. Conf chair ho Gove [419]

{XY Scan 23: 2, 04n1 > 2, 02nA - Morie Scan of Clam (postion of MATRIX in modelle of beam, food readous, 15) Ly beam tuned on dury live son [M6:49:40 larger Beam Stop] + Foroday Adjustment - We started to play with the Cean at ~ 16:30 At 17:04 we moved a we through the beam used to obtain the internal bear mapile 4 200 · 0.45 = 805 later 3 for crise movement . 0.35 ~ 605 lefee 3 for crise movement - 1,92 nA affer beam of final (vollage on server display: 1,91-192 V)