

TB PREPARATIONS MEETING

DESY-Zeuthen | 21 August 2013 | CMS/FCAL group

TO DO TABLE:

Who		What	When (up to)	Answers on questions/ Comments
Lucia	+	Table of participants with phone numbers		
Lucia	+	Shifts table		With night shifts. Shift – 8 hours. On Thursday – short shifts. Because of desy-party. Hans, Elena, W.Lange., Lucia – have paid for party.
Lucia	.	Packing list		(Elena already made it, just finish) Send to everybody and check, then short meeting, Names who what will prepare, even small things. Next meeting on Wednesday.
Lucia	+	Can we download equipment to car on Friday? Yes. What with car? (W.Lange). Car will start Monday 2 september again, so we should return it Sunday evening . + Refuel.		Ask Silvia Ruckert about Friday and can we use car up to Monday 2 september if needed. It takes Hours.
Lucia		A list of responsible persons - <u>for the measuring task</u> (Mechanics, Device under test, Frontend electronics, DAQ electronics, High Voltage, Software, IT environment (such as connections to the DESY LAN and Backup disks)) - <u>for organizational matters</u> (contact to the testbeam operators in Hamburg, packing and unpacking the car, setting up our equipment in the testbeam area, organizing shifts and group event(s),..)		Sergey –test beam people W.Lange – FE electronics. sensors, delivery. Itamr – DAQ Kostya – cabling , power supplies, Mechanics – Sergey Olana –IT

TO DO TABLE (extension 1):

1.Sergey		Measurement plan (done by Sergey) - discussions		1.Cube 8x8x8mm from lead, and few mm of plastic on the bottom for gluing.- Sergey.
2.W.Lange, Hans, Lucia, Sergey.				2.XY – table. W.Lange, Hans, then Sergey.
Lange		Electronical part (FE, bounding,...)		
		ADC. Which one we take?		1721, (965).
Itamar	.	Soft- DAQ. New EUDAQ for ps and laptop. check if everytnig works. Found which telescope will be in our area, manual for Telescope, EUDAQ. Ask Igor Rubinsky. How this software will work with our detector?		- Itamar has put manuals to TB folder
Itamar.	.	Small program for synchronizing.		
Olena+Lucia + Itamar		Check portable crate with ADC and pc. + Itamar show how to operate with both DAQs.		
Itamar		XY projection of beam hitting– can be get online? (telescope manual/ ask Igor Rubinsky)		
Olena		Hard drive. -external HD from TB`10-11 is 500 Gb, it is completely full. -We got external HD 1Tb . Should we formatt this? Which format is better? -We got 1Tb HD for lccmstmp PC.		One more: 1-2 Terrabite. Manfred – 2 T external HD with USB. (tiny). For 2 weeks or permanent(this case of course better☺).
W.Lohmann		afs space with back up		
Olena	+	Registration of PC`s and oscilloscopes,		Current situation: Waiting answer..
Itamar	+	Collect manuals about software		
Kostja		Dosimeters Dosimeters in zeuthen allowed only in zeuthen. We should do it In hamburg. Who is responsible person for this?		Axel Hagedorn. Check dosimeter for Elena. For Itamar, Lucia – make.

TO DO TABLE (extension 2):

Lucia	+	Can we start on Sunday? No		Monday 8:30
Lucia	+	Safety instructions		13:30
Itamar + W.Lange.		Talk to Bograt about scope.		
Lucia + Olena	+	Log book, pens. – secretariat.		
Konstantin		test the readout chain - sensor+hv+front-end+converters - in the lab before we go. Maybe we will be able to see some signals from Sr source on a scope. Due to the thickness of the sensor triggered test will be difficult.		
W.Lohmann		Boxes for equoment – how much? Where to find?		Special Room. W.LO. Key.
Itamar, Kostja Hans Olena Lucia		Packing everything and put to the car		Itamar, Kostja, Hans(Friday up to mid afternoon), Olena, Lucia.
W.Lohmann Hans W.Lange +Kostja		Drivers. + Accompanying.		25.08. Wolfgang Lohmann 30/31/1/2.08/09 Hans, W.Lange(Fr) + Konstantin would like to be in the car both ways
	?	Who can be on Saturday and Sunday (31 and 1) on shifts?		
	?	When we unpack car? Sunday evening(25) or Monday(26) morning? Who?		
Konstantin		Draw electronic scheme		

List of equipment:

- * Sensors
- * FEE and optical drivers: *We need FOUR frontend boards and FOUR optical drivers (both building a small doublet). So in order to keep connections short all four doublets must be arranged close to the sapphire stack.*
- * Power supplies:
LV for the FEE (value?)
- * HV for the sensors: up to 1000 Volts, 1 channel common for all crystals, no need for remote control.
- * 4 optical fibers to take the signal to the optical receiver
- * 1 VME crate that will be installed in the beam area
- * 1 ADC

List of equipment (extension):

- * 1 optical receiver board installed in the VME crate
- * 4 of the special cables that the ADC uses to feed the input signal
- * A computer that runs the ADC DAQ code (better take 2, just in case)
- * A scope to monitor signals
- * The trigger from the telescope and maybe a converter in case it is not NIM (what the ADC takes)
- * An external hard disk to make copies of the data files

SHIFTS

		Mo 26			Tu 27			We 28			Th 29			Fr 30			Sa 31			Su 1			
8:30-13	13-14		14-18	18-3	3-9	9-18	18-3	3-9	9-18	18-3	3-9	9-18	18-3	3-9	9-18	18-3	3-9	9-18	18-3	3-9	9-18	18-3	
INSTALL SETUP	SAFETY INSTRUCTIONS! in Geb 1. O1 310	Konstantin		1						2				3					4				
		Lucia	1						2				3					4				5	
		Elena						1						2				3					
		Hans						1						2				3			4		
		Alexander		1									2				3				4		
		Olena			1						2				3				4				5
		Wolfgang La						1					2					3			4		
		Itamar					1					2				3							
		Wolfgang Lo							1														
		Ol'ga	1							2													
		Oron					1					2						3					
		Sergey				1							2								3		

AUGUST 2013. FCAL. SAPPHIRES. DESY-HH.

TELEPHONE NUMBERS:

Please check/add your phone number in this list:

Konstantin Afanaciev [+49 179 8347609](tel:+491798347609)

Lucia Bortko [+49 15781363947](tel:+4915781363947)

Elena Castro

Hans Henschel [+49 160 8173378](tel:+491608173378)

Alexandr Ignatenko [+49 176 62007941](tel:+4917662007941)

Olena Karacheban

Wolfgang Lange [+49 151 59128002](tel:+4915159128002)

Itamar Levy

Wolfgang Lohmann [+49 171 3333730](tel:+491713333730)

Olga Novgorodova [+49 17653258822](tel:+4917653258822)

Oron Rosenblat

Sergej Schuwalow [+49 151 55207124](tel:+4915155207124)