Meeting Date:	**23-Jul-03**
Meeting Attendants:	
Penticton:	Brent, Frances, Zhang, Amy, Dave, Sonja, Zoran
Socorro:	Bruce, Tom, Ken
Jodrell Bank:	Bryan

Penticton

General Notes:	
Events	• Frances brought muffins. Next week is Zoran's turn to bring donuts (or some treat). • Big media event last Monday. Positive response. • Had meeting with PCB contractor to agree on methodology for communications.
Comments	• There is no longer the possibility of the FIR chip and the correlator chip begin on the same dye. • Will have sub-band multi-beaming capability.
Brent:	
Events	• Been away on vacation.
Accomplishments	• Yesterday finished recirculation controller PAR in Altera EP1S10-5 at speed with 99% utilization of chip. This is a $200,000 question on whether to use this chip or the next step up. • Working on test bench for recirculation controller. Using correlator chip to test. Will get first results on how the recirculation works. Will take approximately 1 month to build the test bench & test. • Written a preliminary draft for testing correlator chip. Explained why he wants to go straight to full custom device.
Amy:	
Comments	• Project management was put on hold for a while because of the media event last week. • Just about finished reorganizing WBS • Hope to get all info into database and start getting schedule info soon.

Dave F:		
	Events	• On vacation recently.
	Accomplishments	• Final delay block done. Stage 1,2,3,4 done. Done = functionally tested.
	Comments	• Only tested up to 64 taps. • Overall pieces do what he thinks they do. Smaller bits may cause quirks. • Still working on Filter chip: few changes, some simplifications, things are starting to settle down. Still haven't done stage 1. • Going to start with tone extractor in FIR chip • Looks like this will fit into 25,000 logic slice FPGA (w/o Zoran's device included).
	Action	• Could do peer review of FIR chip at anytime.
Zoran:		
	Accomplishments	• Mostly worked with delay module PCB - changes some design.
	New Projects	• Worked with tools on constraints. • Talked with Lawrence (PCB contractor) about his, decided not to put in net constraints for this board.
	Deadline(s) Established	• Hopefully will get files from Lawrence next week. • Back to working on delay for filter chip.
Zhang:		
	Accomplishments	• Done PC/104 M/C board schematic design.
	Event	• Will have design review after this meeting.
	Comments	• Then will pass on to PCB contractor. • Almost done TIMECODE Generator schematic. Will get new TIMECODE generator RFS put on web.
Sonja:		
	Comments	• Sent out memo 16 at end of June - haven't got much feedback yet (people on vacation). • Had meeting last Friday (w/ Tom, Ken, Bruce) and discussed this document. • Back to working on VCI • Getting in closer contact with Ken to further identify requirements on VCI.

Frances:	
Comments	• Working on correlator chip test analysis software - almost finished. • Working on creating an installation CD. • Going to develop some test cases and run them.

Socorro

Tom:	
Comments	• Busy testing and fixing a few things. • Allowed himself a month to do backend tests. This means that they should be done by August 15, but probably will be done earlier.
Bruce:	
Comments	• Taken a twist on driver document. Going to continue going from bottom up. • Will have recirculation done soon. • Will be device driver documentation for each board --> but it will be a subset of a larger document. (Essentially an RFS).
Action	• Will leave it up to the software group to decide what format to use for documentation and if necessary Sonja, Tom, and Bruce will make a software RFS template.
Ken:	
Comment	• We talked with Sonja and said he'd look at how often we want to reconfigure the correlator: every 10 seconds (worst case). • Guessing about 1 second to do the reconfiguration, seems reasonable spec.
Comment (from Sonja)	• Also need to know, how far in advance we need to send out new configuration.

Jodrell Bank

Bryan:	
Events	• Have selected a provider for the fibre connections. It eats up a lot of the contingency money.

Comments	• Will use dark fibre. • Going to get first connection early next year.