PSI/ATF Workshop

V2.0 18-Dec-2006

An agenda for ATF Workshop 24-25 January 2007 AOC Socorro, NM & ATF/VLA

January 24 - 25: PSI/ATF Workshop

Dur	Overview and Background	Person
00:10	Welcome and Introduction	
00:20	Background - we can learn from the past	
	Prototype System Integration - Lab	
00:20	Chronology - major hardware & software events 2003 through	
	2006; milestones	
00:30	Hardware problems encountered in lab integration (includes	
	AMB) - Lessons	
00:30	Software problems encountered in lab integration - Lessons	
01:00	Results of system tests	
	Photonic LO, LO Reference & LO2, IFP, DTS	
	Were performance requirements met?	
00:30	Unresolved problems when PSI-L was shut down	
00:30	H/W & S/W - How will these be addressed at ATF	
	Activities at the ATF	
00:30	Overall Plan for 2007 & Q1 2008 at the ATF; milestones;	
	How will PSI hardware differ from production	
	What are the priorities for activities at the ATF	
	Task: upgrade of FE & BE & & LO & Corr & S/W	
	Task: Holo & OPT & system maintenance	
	Task: Science Commissioning	
01:00	PSI detail plans	
	Task: steps towards ingle dish radiometry & pointing	
	Task: steps towards beacon Int; s/w & h/w	
	Task: steps towards astronomical Int; s/w & h/w	
	Task: evaluation of system stability	
	Task: verify system performance	
01.00	Support: h/w diagnostics for Sci Comm	
01:00	BEND detail plans	
	Task: upgrades & performance diagnostics	
	Task: verify sub-system performance	
01.00	Support: preventive & corrective maintenance	
01:00	FEND detail plans	
	Task: upgrades & performance diagnostics	
	Task: verify sub-system performance	

	Support: preventive & corrective maintenance	
01:00	ANT detail plans	
	Task: upgrades & performance diagnostics	
	Support: preventive & corrective maintenance	
01:00	CORR detailed plans	
	Task: upgrades & performance diagnostics	
	Task: verify sub-system performance	
	Support: preventive & corrective maintenance	
01:00	COMP detail plans	
	Task: verify Single Field Interferometry	
	Task: verify Total Power observations	
	Support: s/w system maintenance & bug repair	
	Support: supply special diagnostic s/w	
02:00	Science Commissioning detail plan -	
	Task: optical & radiometric & Int pointing model	
	Task: antenna location calibration	
	Task: amplitude & phase calibration	
	Task: spectral line calibration	
	Task: polarization calibration	
	Task: test/science observations	
	Support: diagnostics for PSI & COMP	
01:00	Training of AIV staff; are hiring plan and training plan adequate	
00:30	Plan for ATF shutdown & decommissioning;	
	Criteria for setting closing date	
	Disposition of equipment? Antennas?	