

MSSL Solar Group – PDRA Project Management Sheet
2009/10 Academic Year

Santiago Vargas Domínguez – January 2010

a) Current Project List:

Project Code	Title/Short Project Description	Mission data used (current) or future mission foundation	Project Type		Current Stage (Percent Complete)*			Time to Completion*
			Role	Collaborator	Pilot	Analysis	Write-up	
SVD01	Evidence for small-scale magnetic concentrations dragged by convective vortex motion	Hinode, SST	SE	Imaging Processing Laboratory (IPL) Valencia	100%	100%	90%	1 Month
					100%	30%	10%	3 Months
SVD02	Short-time evolution of bright points in a quiet sun region	Hinode, SST	L	IPL				
SVD03	Chromospheric brightenings	Hinode, SST	SE	Salvo Guglielmino	100%	80%	40%	3 - 4 Months
SVD04	Coronal signatures of a sunspot light-bridge	Hinode, STEREO	SI	Sarah Matthews				1 -2 Months
SVD05	Structure of small magnetic elements in the solar photosphere	Hinode	SE	Vicente Domingo	100%	80%		1 – 2 Months

(L = Lead Project, SI = Support Internal, SE = Support External; * = Estimated)

b) Impediments to progress:

Project Code	Impediment	Suggested/Required Solution	
		Action Required	By:
SVD04	Intel Math Kernel libraries required	MKL license	Paul Lamb

c) Completed projects for last month:

Project Code	Project Title	Product
SVD06	Characterization of horizontal flows around solar pores	Lead author submitted to Astronomy & Astrophysics

d) Proposed New Projects:

Project Code	Project Title/Summary	Project Type		Time to Completion*
		Role	Collaborator	
SVD07	LCT of monopolar footpoint regions in active regions	SI	Louise Harra	3 – 6 Months
SVD08	Moat flows around an apparent naked sunspot	SE	Alberto Sainz	2 – 4 Months

e) Deadlines (Abstracts, Conferences, Manuscripts, etc.)

Project Code	Deadline	Travel Approval Obtained (if applicable)
SVD01	15 th January – conference proceeding for Hinode 3	
SVD05	15 th January – conference proceeding for Hinode 3	