

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

Louise Harra – February 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	
LKH01	13 th December magnetic cloud	Hinode, ACE, SOHO. Foundation for SO through linkage of RS and in situ.	L	Cristina Mandrini, Serio Dasso. IAFE	100%	90%	20%	2 Months
LKH02	outflows in EIS related to in situ data	Hinode, ACE, STEREO Foundation for SO.	SI	Andrew F and Lidia v.	100%	90%	60%	1 Month
LKH03	coronal hole outflows related to magnetic fragments	Hinode	SE	Tsunetasan, Ito-san	100%	20%	0%	6-12 Months
LKH04	preflare non-thermal velocity.	Hinode	SI	David W.	20%	0%	0%	12 Months
LKH05	Coronal dimming	Hinode, SOHO	SE	Gemma Attrill, Lidia	100%	90%	90%	2 Months
LKH06	Helioseismology of CHs	Hinode, SOHO	SI	Sergei Zharkov	100%	30%	0%	6-12 Months
LKH07	Image	Hinode, TRACE	SI	Jian Sun	100%	50%	0%	6-12 Months

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

b) Impediments to progress:

Project Code	Impediment	Suggested/Required Solution	
		Action Required	By:
LKH02	Mission related issues get in the way with Faz and myself!	Find free time to hide away.	LKH
LKH03	Need to spend time with collaborators	Arranged visit in March	LKH
LKH06	Currently only good MDI data – need to redo the HOP to get good SOT data.	Find a good equatorial CH to observe	SZ, LKH
LKH07	Need good examples of strong flows in active regions with slot data and good TRACE data (or SDO when it is launched)	Find a good example of flaring in an AR with slot data	All!

c) Completed projects for last month:

Project Code	Project Title	Product
LKH00	Emerging flux paper – addressed referee’s comments	Lead author submitted to Solar Physics.
LKH06	conference proceeding for Hinode 3	Lead author submitted
LKH02	conference proceeding for Hinode 3	Co-author submitted

d) Proposed New Projects:

Project Code	Project Title/Summary	Project Type		Time to Completion*
		Role	Collaborator	
LKH08	Emerging flux – visit to St Andrews in January.	SE	Alan Hood, Vasilis Archontis	?
LKH09	LCT of monopolar footpoint regions in active regions	SI	Santiago	?
LKH10	Long term evolution of the solar disk, outflows and in situ data	SE	Duncan MacKay, Faz, Lidia	2 years

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

Project Code	Deadline	Travel Approval Obtained (if applicable)
LKH01	19 th Feb COSPAR abstract submission	