

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

Louise Harra – 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	
LKH01	13 <sup>th</sup> December magnetic cloud	Hinode, ACE, SOHO. Foundation for SO through linkage of RS and in situ.	L	Cristina Mandrini, Serio Dasso. IAFE	100%	90%	0%	3 Months
LKH02	outflows in EIS related to in situ data	Hinode, ACE, STEREO Foundation for SO.	SI	Andrew F and Lidia v.	100%	90%	40%	1 Month
LKH03	coronal hole outflows related to magnetic fragments	Hinode	SE	Tsuneta-san, 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	100%	90%	60%	2 Months
LKH06	Helioseismology of CHs	Hinode, SOHO Hinode, TRACE	SI	Sergei Zharkov Jian Sun	100%	30%	0%	6-12 Months

LKH07 Image deconvolution of velocities SI 100% 50% 0% 6-12 Months

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

b) Impediments to progress:

Project Code	Impediment	Action Required	Suggested/Required Solution	By:
LKH03	Need to spend time with collaborators	Obtain funding to work in Japan	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 ARAll! with slot data		

c) Completed projects for last month:

Project Code	Project Title	Product
LKH00	Emerging flux	Lead author submitted to Solar Physics.

d) Proposed New Projects:

Project Code	Project Title/Summary	Project Type	Time to Completion*
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		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	

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

Project Code	Deadline	Travel Approval Obtained (if applicable)
LKH06	15 <sup>th</sup> January – conference proceeding for Hinode 3	
LKH02	15 <sup>th</sup> January – conference proceeding for Hinode 3	