

LCLS EXPERIMENT SUPPORT PROJECT-ACTIVITY (P-A) MATRIX

	Project (P)	Activity (A)	Activity Description	Labor/ M&S	Detailed Description	Staff														
						Scientists	Eng. Or Designer	Area Manager	CDS	Lasers	Research Assoc	Detectors	SED	Technical Supp. & MFD	Facilities					
User Experiment Support Accounts * Instrument Team Meetings * User shifts/setup/planning * User Manuscript review * IH shifts in support role * IH setup/planning in support role * Experiment specific hardware/software modification * Soft start after shutdowns	Experiment Support Projects: TMO - 18007 RIX - 18010 XPP - 13516 XCS - 12425 CXI - 11700 MFX - 16825 MEC - 13689	A4001	Experiment Support M&S	M&S	M&S specific to user experiments AND day-to-day items for standard hutch operation.															
		A4001	Inst. Sci. Experiment Support	Labor	Instrument scientists' planning, setting up, executing and post experiment activities.	X					X									
		A4101	Mech Eng	Labor	Design and engineering for a specific user/in-house experiments. Discussion with MFD. Direct interface with users for support.		X													
		A4102	Fabrication and Tech	Labor	Experiment specific hardware fabrication / modification / installation. Installing a new pumping Tee, an X-ray shield, or anchor laser table for hutch.														X	
		A4103	Controls and Data	Labor	Experiment specific controls/DAQ/Analysis/Deployment/IT general controls work, running cables, installing cameras, IOC's, motor testing, setting DAQ and data analysis routines.				X											
		A4104	Sample Delivery	Labor	Experiment specific hardware fabrication / modification / installation.														X	
		A4105	Laser Support	Labor	Laser support for the instrument and experiments.					X										
		A4106	Detectors	Labor	Detector support for the instrument and experiments.								X							
		A4107	WPC	Labor	Planning, scheduling, ES&H duties related to experiments, coordination and of technical resources.			X												
		A4108	Maint. & Repairs	Labor & M&S	Testing, diagnosing and executing maintenance and repair. Purchasing replacement of damaged equipment. Hutch enhancements, deep-cleans.													X		
Beam Delivery	FEE - 19477	A4001	FEE Distributed Support	Labor	All FEE Operations work, labor and M&S	X	X	X	X								X	X		
SRD Dept Management	SXR - 13860 HXR - 13695 MEC - 13696	A4001	SRD Dept Management	Labor	SLAC, LCLS, SRD, Dept meetings. Internal and external committees, performance evaluations, tours , scheduling, timesheets	X														
Operations Improvement Projects (OIP)	P-A assigned for each project			Labor & M&S	Can be used both for labor and M&S for Operations Division approved improvement projects. During the year some additional activities can be released															
In house Research	SXR - 16254 HXR - 16258 MEC - 16267	A4001	SRD Dept Research	Labor & M&S	IH shifts/setup/planning in "PI" role - Planning/setup/shifts for general user experiment in "PI" role - Conferences/workshops/seminars - Manuscript writing - Data analysis not is support role for users - Data analysis meeting	X														
Projects : Each project has specific P-A numbers. Contact your line manager for more information						X	X	X	X	X	X	X	X	X	X	X	X	X		