Charges on these accounts will be redistributed to sponsored awards. Please verify that charges follow sponsored funds guidelines and are allowable.

X-Ray Operations	(control ac	ccount U553800)			START 8/1/2019
					last updated 12/12/2023
Task Code	WBS	Non Fab	Fab	Approvals	Description
CHESS Operations					Delated to the second s
					Related to user operation, servicing users, shifting, experimental needs, lab supplies, gases, chemicals. Also stand alone capital equipment.
	XR_1.1	U553801-XR11		Moring	
					Fabrication labor and materials for things essential to CHESS Operations
	VD 12		UEE2011 VD12	N. A a min a	(defined above) that increase performance, reliability, or value. Labor and
CHESS Technical Support	XR_1.2		U553811-XR12	Moring	purchases for replacement or maintenance items ARE NOT fabrication.
					Includes repair , maintenance and testing/commissioning of; CHESS
					beamlines, standard experimental equipment, upgrade projects, tools, vacuum systems, optics, beamline controls, bpm, alarms, interlocks, data
					collection devices, PPS, EPS, detectors, cryocoolers, spares. Also stand
	XR_2.1	U553802-XR21		Conolly	alone capital equipment. (Other than partner projects)
		OCCOURT AND A		000	Fabrication labor and materials for things essential to CHESS Technical
					Support (defined above) that increase performance, reliability, or value. Labor and purchases for replacement or maintenance items ARE NOT
	XR_2.2		U553812-XR22	Conolly	fabrication.
	XR_2.2.1		U553812-XR221	Copolly	Fabrication labor and materials for things essential to S1 Cave Upgrade.
IT/Computing	///_Z.Z.1		0333012-XX221	Corlony	
					Data storage, experimental controls software (SPEC/EPICS), standard beamline software (matlab, etc.), networking, controls computing support,
					distributed scoreboards, operations printers. Also stand alone capital
	XR_3.1	U553803-XR31		Sun	equipment. (Other than partner projects)
					Fabrication labor and materials for things essential to IT/Computing
	VD 0.0		UEE2012 VD22		(defined above) that increase performance, reliability, or value. Labor and
Cryogenics	XR_3.2		U553813-XR32	Sun	purchases for replacement or maintenance items ARE NOT fabrication.
	XR_4.1	U553804-XR41		Sabol	Liquid helium, liquid nitrogen supply only; not cryocoolers.
					Fabrication labor and materials for things essential to Cryogenics (defined
	VD 4.0		UEE004 4 VD 40		above) that increase performance, reliability, or value. Labor and
Engineering, Design, & Fabrication	XR_4.2		U553814-XR42	Sabol	purchases for replacement or maintenance items ARE NOT fabrication.
					Engineering effort including design, shop drawings, ANSYS analysis,
					machining and assembly of such. Computing hardware and support of engineering activities. Also stand alone capital equipment. (Other than
	XR_5.1	U553805-XR51		O'Connell	partner projects)
					Fabrication labor and materials for things essential to Engineering, Design, & Fabrication (defined above) that increase performance, reliability, or
					value. Labor and purchases for replacement or maintenance items ARE
	XR_5.2		U553815-XR52	O'Connell	NOT fabrication.
	XR_5.2.1		U553815-XR521	O'Connell	Fabricaiton labor and materials for Standard Optical Table Build/Refurbish.
Electronics & Instrumentation					Includes CLASSE electronics shop repair , maintenance, assembly, testing,
					and design/development of CHESS electronics chassis, cabling, and circuit
	XR_6.1	U553806-XR61		Barley	boards. Also stand alone capital equipment. (Other than partner projects)
	7.11_0.1	COCCOO ANOT		Suricy	Fabrication labor and purchases for things essential to Electronics &
					Instrumentation (defined above) that increase performance, reliability, or value. Labor and purchases for replacement or maintenance items ARE
	XR_6.2		U553816-XR62	Barley	NOT fabrication.
Facilities, Utilities, General Ops, and Safety					CHESS Electrical, fire safety, plumbing , compressed air. Also stand alone
	XR_7.1	U553807-XR71		Gallagher	capital equipment. (Other than partner projects)
					Fabrication labor and materials for things essential to Facilities, Utilities, General Ops, and Safety (defined above) that increase performance,
					reliability, or value. Labor and purchases for replacement or maintenance
	XR_7.2	<u> </u>	U553817-XR72	Gallagher	items ARE NOT fabrication.

Other/Admin/Management					
	XR_8.1	U553808-XR81		Conolly	Travel, record keeping, lab management, administrative meetings, annual performance reviews, proportioned external activities (reviews, referee, talks, etc.) Explain in COMMENTS box. Also standalone capital equipment.
	XR_8.2		U553818-XR82	Conolly	Fabrication labor and purchases for things essential to X-ray Operations that increase performance, reliability, or value and fit no category above (Explain in COMMENTS box). Labor and purchases for replacement or maintenance items ARE NOT fabrication.
Safety					
	XR_9.1	U553809-XR91		Richter	Safety committee, user safety check-in, safety training.
User Office					
	XR_10.1	U553810-XR101		Dedrick	User services, check-in, scheduling, user meeting