

Phase 1 Account	Phase 1 Account Name	Close Out Account	
			for excess charges, if any
12001.2030.00	Fixed Assets	J0051	
12001.3010.	Personnel Compensation	J0051	
12001.3020.	Benefits	J0051	
12001.3030.00	General M&S	J0051	
12001.3030.010325	Shipping and Freight	J0020	
12001.3030.0201	Additions to Tucson Lab	J0020	
12001.3030.0202	Modifications to AOC Space	J0020	
12001.3030.0203	CDL Rental Space and Remod	J0020	
12001.3030.0205	Chilean Facilities	J0051	
12001.3030.101	ALMA Phase 1 EPO	J0020	
12001.3040.	AUI Management Fee	J0020	
12001.3050.	Communications & Utilities	J0020	
12001.3060.	Travel	J0051	
12001.3061.	Travel - Domestic	J0051	
12001.3062.	Travel - Foreign	J0051	
12001.3063.	Travel - Relocation	J0051	
12001.3064.	Travel - Non-Employee	J0051	
12002.3010.	Personnel Compensation	J0052	
12002.3020.	Benefits	J0052	
12002.3030.	Materials & Services	J0052	
12002.3030.00	General M&S	J0052	
12002.3060.	Travel	J0052	
12002.3061.	Travel - Domestic	J0052	
12002.3062.	Travel - Foreign	J0052	
12003.2030.00	General M&S	J0053	
12003.3010.	Personnel Compensation	J0053	
12003.3020.	Benefits	J0053	
12003.3030.00	General M&S	J0053	
12003.3030.0101	Design Concept 1	J0053	
12003.3030.0102	Design Concept 2	J0053	
12003.3030.03	Procure Prototype Antenna	J0053	
12003.3030.033501	Ant.Contract Supervision&C	J0053	
12003.3030.0520	Nutator Device	J0053	
12003.3030.06	Metrology	J0053	
12003.3060.	Travel	J0053	
12003.3061.	Travel - Domestic	J0053	
12003.3062.	Travel - Foreign	J0053	
12003.3064.	Travel - Non-Employee	J0053	
12004.203T.0107	FA - Equipment Rack	J0054	
12004.203T.999999	FA - Transfer*SPECIAL*	J0054	
12004.2030.0107	FA - Equipment Rack	J0054	
12004.2030.0115	FA - Lab Equipment	J0054	
12004.2030.05	FA - Lab/Test Equipment	J0054	
12004.2030.10	FA - Cryogenics	J0054	
12004.3010.00	Personnel Compensation	J0054	
12004.3010.01	Personnel Compensation-SIS	J0054	
12004.3020.00	Benefits	J0054	
12004.3020.01	Benefits-SIS Mixers	J0054	
12004.3030.00	General M&S	J0054	
12004.3030.0102	Sideband Source Plates	J0054	
12004.3030.0103	Room Temperature IF Plates	J0054	

12004.3030.0104	Cryogenic IF Plates	J0054
12004.3030.0105	Dewar Instrumentation	J0054
12004.3030.0106	LO Plates	J0054
12004.3030.0107	Equipment Rack	J0054
12004.3030.0108	Mixers	J0054
12004.3030.0110	Wafer Evaluation	J0054
12004.3030.0111	Integrated IF	J0054
12004.3030.0112	Vacuum Windows	J0054
12004.3030.0115	Lab Equipment	J0054
12004.3030.0116	Lab Supplies	J0054
12004.3030.0117	Lab Software	J0054
12004.3030.02	HFET	J0054
12004.3030.03	Antenna Evaluation	J0054
12004.3030.05	Lab/Test Equipment	J0054
12004.3030.10	Cryogenics	J0054
12004.3060.00	Travel-Budget	J0054
12004.3060.01	Travel-Budget SIS Mixer	J0054
12004.3061.00	Travel - Domestic	J0054
12004.3061.01	Travel - Domestic SIS Mixe	J0054
12004.3062.00	Travel - Foreign	J0054
12004.3062.01	Travel - Foreign SIS Mixer	J0054
12004.3063.00	Travel - Relocation	J0054
12004.3063.01	Travel - Relocation SIS Mi	J0054
12004.3064.00	Travel - Non-Employee	J0054
12004.3064.01	Travel - Non-Employee SIS	J0054
12005.203T.0401	FA-Photonic Phase Cal Syst	J0055
12005.2030.0204	Lab/Test Equipment	J0055
12005.2030.03	FA - Multiplier Chain LO	J0055
12005.2030.0303	FA - Multiplier R&D	J0055
12005.2030.0401	FA-Photonic Phase Cal Syst	J0055
12005.3010.03	Personnel Compensation-Mul	J0055
12005.3010.04	Personel Compensation-Phot	J0055
12005.3020.03	Benefits-Multiplier Chain	J0055
12005.3020.04	Benefits-Photoic LO	J0055
12005.3030.02	LO Reference	J0055
12005.3030.0204	Lab/Test Equipment	J0055
12005.3030.03	Multiplier Chain LO	J0055
12005.3030.0302	Tunable phase-lock source	J0055
12005.3030.0303	Multiplier R&D	J0055
12005.3030.0401	Photonic Phase Cal System	J0055
12005.3030.0406	High Speed Photomixer Deve	J0055
12005.3030.501	Test Int First LO	J0055
12005.3060.	Travel	J0055
12005.3060.04	Travel	J0055
12005.3061.	Travel - Domestic	J0055
12005.3061.04	Travel - Domestic	J0055
12005.3062.	Travel - Foreign	J0055
12005.3063.	Travel - Relocation	J0055
12005.3064.	Travel - Non-Employee	J0055
12006.2030.04	De-Multiplexer with Matrix	J0055
12006.3010.	Personnel Compensation	J0055
12006.3020.	Benefits	J0055
12006.3030.00	General M&S	J0055
12006.3030.03	4-12 GHz Antenna Converter	J0055

12006.3030.04	De-Multiplexer with Matrix	J0055	
12006.3030.05	IF Bench Prototype	J0055	
12006.3060.	Travel	J0055	
12006.3061.	Travel - Domestic	J0055	
12006.3062.	Travel - Foreign	J0055	
12006.3063.	Travel - Relocation	J0055	
12006.3064.	Travel - Non-Employee	J0055	
12007.3010.	Personnel Compensation	J0055	
12007.3020.	Benefits	J0055	
12007.3030.00	General M&S	J0055	
12007.3060.	Travel	J0055	
12007.3061.	Travel - Domestic	J0055	
12007.3063.	Travel - Relocation	J0055	
12007.3064.	Travel - Non-Employee	J0055	
12008.2030.03	Preliminary Design	J0056	
12008.3010.	Personnel Compensation	J0056	
12008.3020.	Benefits	J0056	
12008.3030.02	Test Correlator	J0056	
12008.3030.03	Preliminary Design	J0056	
12008.3030.05	FIR Filter	J0056	
12008.3030.07	Correlator Chip	J0056	
12008.3060.	Travel	J0056	
12008.3061.	Travel - Domestic	J0056	
12008.3062.	Travel - Foreign	J0056	
12008.3063.	Travel - Relocation	J0056	
12009.2030.00	General M&S	J0057	
12009.3010.	Personnel Compensation	J0057	
12009.3020.	Benefits	J0057	
12009.3030.00	General M&S	J0057	
12009.3030.14	Near Real-Time Imaging	J0057	
12009.3030.201	ALMA Test Site Building	J0058	
12009.3030.202	ALMA Test Site Electrical	J0058	
12009.3030.203	ALMA Test Site Civil Works	J0058	
12009.3030.204	ALMA Test Site Holog Tower	J0058	
12009.3060.	Travel	J0057	
12009.3061.	Travel - Domestic	J0057	
12009.3062.	Travel - Foreign	J0057	
12009.3063.	Travel - Relocation	J0057	
12009.3064.	Travel - Non-Employee	J0057	
12010.2030.00	General M&S	J0058	
12010.3010.	Personnel Compensation	J0058	
12010.3020.	Benefits	J0058	
12010.3030.00	General M&S	J0058	
12010.3030.0403	Test Int.Site Prep	J0058	
12010.3030.07	Holography System	J0058	
12010.3030.902	Interim Digitizer	J0058	
12010.3060.	Travel	J0058	
12010.3061.	Travel - Domestic	J0058	
12010.3062.	Travel - Foreign	J0058	
12010.3064.	Travel - Non-Employee	J0058	
12011.203D.	Fixed Asset - Donated	J0059	
12011.2030.01	Site Characterization	J0059	
12011.3010.	Personnel Compensation	J0059	
12011.3020.	Benefits	J0059	

12011.3030.00	General M&S	J0059
12011.3030.01	Site Characterization	J0059
12011.3030.030102	BIMA 22 GHz	J0059
12011.3030.030103	OVRO 22 GHz	J0059
12011.3030.030301	Dual Load Calibration Syst	J0059
12011.3060.	Travel	J0059
12011.3061.	Travel - Domestic	J0059
12011.3062.	Travel - Foreign	J0059
12011.3064.	Travel - Non-Employee	J0059
12015.3025.401	Antenna evaluat front end	J0054
12098.3399.	R&D Contra	?
12099.3030.999	Contingency/Carryover	J0030