

WBS Code	WBS Name
1	LSST June 2019 Month End Baseline
1.00	LSST Program Timeline with Level 1 Milestones
1.00.00	Project Year Boundaries Meetings and Conferences
1.00.01	Conceptual Design Phase
1.00.02	Preliminary Design Phase
1.00.03	Final Design Phase
1.00.04	Construction Phase
1.00.04.01	Build
1.00.04.02	Commissioning
1.00.05	Operations Phase
1.00.06	Descope Options
1.00C	Construction Contingency
1.01C	Project Management Office Construction
1.01C.00	PMO Level 2 Milestones
1.01C.01	LSST Project Office
1.01C.01.01	Project Office and Support
1.01C.01.02	Chief Scientist Support
1.01C.01.03	Communications
1.01C.01.04	Project Controls
1.01C.01.05	LSST Project Science
1.01C.02	Site Office
1.01C.02.01	Site Office
1.01C.03	Safety and Environmental Assurance
1.01C.03.01	Safety and Environmental Assurance
1.01C.04	Facility and Staff Administration
1.01C.04.01	Facility
1.01C.04.02	Staff Administration
1.01C.05	AURA
1.01C.05.01	AURA
1.02C	Data Management Construction
1.02C.00	DM Level 2 Milestones
1.02C.01	System Management
1.02C.01.01	Project Management
1.02C.01.02	[Legacy] Science Data Quality Integration and Test
1.02C.01.02.01	Science Data Quality Assessment Pipeline
1.02C.01.02.02	Science Data Quality Analyst Toolkit
1.02C.01.02.03	Science Pipeline Toolkit
1.02C.01.02.04	Software Developer Support Tools
1.02C.02	Systems Engineering
1.02C.02.01	Data Management Science
1.02C.02.02	DM System Architecture
1.02C.02.02.01	System Architecture Definition
1.02C.02.02.02	System Architecture Oversight
1.02C.02.02.03	Architecture Investigation
1.02C.03	Alert Production
1.02C.03.00	Management, Leadership & Other Costs
1.02C.03.01	Single Frame Processing
1.02C.03.02	Catalog Association for Alert Production
1.02C.03.03	Alert Distribution System
1.02C.03.04	Alert Generation Pipeline

WBS Code	WBS Name	
 1.02C.03.05  1.02C.03.06  1.02C.03.07  1.02C.03.08  1.02C.04  1.02C.04.00  1.02C.04.01  1.02C.04.02  1.02C.04.03  1.02C.04.04  1.02C.04.05  1.02C.04.06  1.02C.04.07  1.02C.05  1.02C.05.00  1.02C.05.01  1.02C.05.02  1.02C.05.03  1.02C.05.04  1.02C.05.05  1.02C.05.06  1.02C.05.07  1.02C.05.08  1.02C.05.09  1.02C.05.10  1.02C.06  1.02C.06.00  1.02C.06.01  1.02C.06.01.01  1.02C.06.01.02  1.02C.06.02  1.02C.06.02.01  1.02C.06.02.02  1.02C.06.02.03  1.02C.06.02.04  1.02C.06.02.05  1.02C.06.03  1.02C.06.04  1.02C.06.04.01  1.02C.06.04.02  1.02C.06.04.03  1.02C.07  1.02C.07.00  1.02C.07.00.01  1.02C.07.01  1.02C.07.01.01  1.02C.07.01.02  1.02C.07.01.03  1.02C.07.01.03.01  1.02C.07.01.03.02	Tools for Science Pipelines Moving Object Processing System (MOPS) Transform Fitting on Stacks of Images Integration Data Release Production Management, Leadership & Other Costs Software Primitives Calibration Products Image Characterization Coaddition Detection & Deblending Characterization & Measurement Maintenance, Quality & Documentation Science User Interface and Tools Management, Leadership & Other Costs Basic Archive Access Tools Data Analysis and Visualization Tools Alert/Notification Toolkit User Assistance/Help Desk User Workspace Toolkit Client-server Query & Visualization Framework LSST Science Platform Interfaces Applications Alert Interfaces Integration & Test Science Data Archive and Application Services Management, Leadership, & Other Costs Science Data Archive Database Catalogs, Alerts and Metadata Image and File Archive Data Access Services Data Access Client Framework Web Services Framework Query Services Image and File Services Catalog Services Task Framework Middleware, Infrastructure, and Toolkits Logging Daf_base and Utilities Sphgeom LSST Data Facility Processing Control and Site Infrastructure Management Engineering and I Satellite Processing Center Coordination Processing Control Data Management Control System Orchestration Manager Pipeline Execution Services Pipeline Construction Toolkit Logging Services	
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WBS Code	WBS Name	
 1.02C.07.01.03.03  1.02C.07.01.03.04  1.02C.07.02  1.02C.07.02.01  1.02C.07.02.02  1.02C.07.02.03  1.02C.07.02.04  1.02C.07.02.05  1.02C.07.02.06  1.02C.07.03  1.02C.07.03.01  1.02C.07.03.02  1.02C.07.03.03  1.02C.07.04  1.02C.07.04.01  1.02C.07.04.02  1.02C.07.04.03  1.02C.07.04.04  1.02C.07.04.05  1.02C.07.04.06  1.02C.07.05  1.02C.07.06  1.02C.07.06.01  1.02C.07.06.02  1.02C.07.07  1.02C.07.08  1.02C.07.09  1.02C.08  1.02C.08.00  1.02C.08.01  1.02C.08.02  1.02C.08.03  1.02C.08.03.01  1.02C.08.03.01.01  1.02C.08.03.01.01A  1.02C.08.03.01.02  1.02C.08.03.01.03  1.02C.08.03.01.04  1.02C.08.03.01.05  1.02C.08.03.02  1.02C.08.03.02.01  1.02C.08.03.02.02  1.02C.08.03.02.03  1.02C.08.03.02.04  1.02C.08.03.03  1.02C.08.03.04  1.02C.09  1.02C.09.01  1.02C.09.02  1.02C.09.03	Inter-Process Messaging Services Checkpoint/Restart Services Infrastructure Services Event Services Security and Access Control Services Dashboard and Performance Visualizations System Administration and Operations Services File System Services VO Interfaces Environment and Tools Software Development Tools Camera/DAQ Test Bed Telescope/OCS Interfaces Test Bed Site Infrastructure Archive Center Infrastructure US Data Access Center Infrastructure Base Center Infrastructure Chilean DAC Infrastructure Development and Integration Infrastructure Archive Site External Network LSST Data Facility Management, Service Architecture, and Project Controls LDF-offered Services & Reusable Production Services LDF-offered Services Reusable Production Services Data, Compute and IT Security Services LDF Service Software ITC and Facilities International Communications and Base Site International Communications and Base Site Management Engineering an Base Center Chilean Data Access Center Long-Haul Networks Chile National WAN Contract 1 La Serena - Santiago Network Contract 1a La Serena - Gatehouse Network Contract 2 Liello Consultancy Contract 3 Gatehouse - Summits Network Contract 4 DWDM Equipment Contract 5 Operating Costs during Construction and Commissioning International Chile - US WAN Contract 1 100 Gbps Managed Ring Contract 2 FIU-CIARA Management Contract 3 Spectrum Contract 4 US National WAN US National WAN (Superceded by 1.02C.08.03.02.04) Mountain - Base Link (Superceded by 1.02C.08.03.01.01A and .03) System Level Testing & Science Validation Archive Center Integration Base Center Integration Chilean Data Access Center Integration	
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WBS Code	WBS Name	
 1.02C.09.04  1.02C.09.05  1.02C.10  1.02C.10.01  1.02C.10.02  1.03C  1.03C.00  1.03C.01  1.03C.01.01  1.03C.01.02  1.03C.01.03  1.03C.01.04  1.03C.02  1.03C.02.01  1.03C.02.02  1.03C.02.03  1.03C.03  1.03C.03.01  1.03C.03.02  1.03C.03.03  1.03C.03.04  1.03C.03.05  1.03C.03.06  1.03C.03.07  1.03C.03.08  1.03C.03.09  1.03C.04  1.03C.04.01  1.03C.04.02  1.03C.04.03  1.03C.04.04  1.03C.04.05  1.03C.04.06  1.03C.04.07  1.03C.04.08  1.03C.04.09  1.03C.04.10  1.03C.04.11  1.03C.04.12  1.03C.04.13  1.03C.05  1.03C.05.01  1.03C.05.02  1.03C.05.03  1.03C.05.04  1.03C.06  1.03C.06.01  1.03C.06.02  1.03C.06.03  1.03C.06.04	US Data Access Center Integration Headquarters Network Integration Science Quality and Reliability Engineering Management, Leadership, & Other Costs Quality Control, Dataspace Services, and Developer Infrastructure Camera Construction Camera Level 2 Milestones System Management Project Office Technical Support Safety and Environmental Assurance Performance Assurance Systems Engineering and Design Integration Systems Engineering System Analyses Design Integration Science Raft System Science Raft System Science Sensor Science Front End Electronics Science Back End Electronics Science Raft Cabling Sensor Array Mechanics Science Raft Tower Mechanics Science Control Crate Mechanics Science Array A&T Corner Raft System Control Raft System Wavefront Sensor WFS Front End Electronics WFS Back End Electronics WFS Cabling Guide Sensor Guider Front End Electronics Guider Back End Electronics Guider Cabling Corner Raft Sensor Mechanics Corner Raft Tower Mechanics Corner Raft Control Crate Mechanics Corner Raft A&T Facility Optics Optics Filters L1-L2 L3 Flange Camera Body and Mechanisms Camera Body and Mechanisms Camera Body Exchange System Shutter	
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WBS Code	WBS Name	
 1.03C.06.05  1.03C.07  1.03C.07.01  1.03C.07.02  1.03C.07.03  1.03C.07.04  1.03C.07.05  1.03C.07.06  1.03C.07.07  1.03C.07.08  1.03C.07.09  1.03C.08  1.03C.08.01  1.03C.08.02  1.03C.08.03  1.03C.08.04  1.03C.08.05  1.03C.09  1.03C.09.01  1.03C.09.02  1.03C.09.03  1.03C.09.04  1.03C.10  1.03C.10.01  1.03C.10.02  1.03C.10.03  1.04C  1.04C.00  1.04C.01  1.04C.01.01  1.04C.01.02  1.04C.01.03  1.04C.01.04  1.04C.02  1.04C.02.01  1.04C.03  1.04C.03.01  1.04C.03.02  1.04C.03.03  1.04C.03.04  1.04C.04  1.04C.04.01  1.04C.04.02  1.04C.04.02.01  1.04C.04.02.02  1.04C.04.02.03  1.04C.04.02.04  1.04C.04.02.05  1.04C.04.02.05.1  1.04C.04.02.05.1.1	Camera Body Cooling System Cryostat Cryostat Cryostat Housing Cryo and Cold Plates RESERVED Grid Assembly Getter Pumps Cryostat Back End In-Situ Metrology System Cryostat Utilities Control System and DAQ Central Control System - Protocols DAQ Local Device Control Systems Cabling & Power Supplies Monitoring & Protection System Camera System Integration and Test Facilities, Integration, Testing & Calibration I&T Facility Cryostat I&T Camera I&T and Calibration Camera Observatory Integration & Test Transportation Summit Verification Installation Telescope and Site Construction T&S Level 2 Milestones Telescope System Management TS Team Office Summit Office Safety and Environmental Assurance Performance Assurance Telescope System Engineering Telescope System Engineering Management Summit Facilities and Infrastructure Summit Construction Management Summit Site Preparation Summit Support Facility Summit Lodging and Dining Dome Dome System Management Dome Fabrication Contract Dome Fabrication Contract Vendor NRE Fabrication Phase Factory Assembly and Test Dome Shipping to Summit Installation of Dome onto Summit Facility ON SITE ASSEMBLY INTEGRATION PHASE (OAI) Dome structure	
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WBS Code	WBS Name	
1.04C.04.02.05.1.1.1	Steel Structure Installation	
1.04C.04.02.05.1.1.1.1	Side Walls and Roof	
1.04C.04.02.05.1.1.1.2	Purlins	
1.04C.04.02.05.1.1.2	Access	
1.04C.04.02.05.1.1.3	External scaffolding	
1.04C.04.02.05.1.1.4	Cladding	
1.04C.04.02.05.1.1.4.1	Dome sandwich panels	
1.04C.04.02.05.1.1.4.1.1	Scaffolding partial dismounting	
1.04C.04.02.05.1.1.4.2	Dome corrugated aluminium sheet and finishing	
1.04C.04.02.05.1.1.5	Mechanisms	
1.04C.04.02.05.1.1.5.1	Louvers	
1.04C.04.02.05.1.1.5.2	Light Baffles	
1.04C.04.02.05.1.1.6	Auxiliary Equipment	
1.04C.04.02.05.1.1.6.1	Dome Seals and Air Tightness	
1.04C.04.02.05.1.1.6.2	Thermal Control System	
1.04C.04.02.05.1.1.7	Electrical Installation	
1.04C.04.02.05.1.1.7.1	Cable trays & cables	
1.04C.04.02.05.1.1.8	OB Crane	
1.04C.04.02.05.1.1.9	Mechanism final alignment	
1.04C.04.02.05.1.1.10	Calibration screen	
1.04C.04.02.05.2	ON SITE ACCEPTANCE TEST PHASE (OAT)	
1.04C.04.02.05.2.1	Acceptance test	
1.04C.04.03	Calibration Screen Fabrication	
1.04C.05	Telescope Mount	
1.04C.05.01	Mount System Management	
1.04C.05.02	Mount Fabrication Contract	
1.04C.05.02.01	Mount Fabrication Contract Vendor NRE	
1.04C.05.02.02	Mount Fabrication Phase	
1.04C.05.02.03	Mount Factory Assembly, Test, and Packing	
1.04C.05.02.04	Mount Installation	
1.04C.05.03	TMA Shipping to Summit	
1.04C.05.04	Camera / M2 Hexapod Support System	
1.04C.06	Mirror Systems	
1.04C.06.01	Mirror System Team Management	
1.04C.06.02	M1M3 Substrate	
1.04C.06.02.01	NNS Substrate	
1.04C.06.02.02	Optical Polishing	
1.04C.06.03	M1M3 Cell	
1.04C.06.03.01	Fabrication, Assembly, Integration and Test	
1.04C.06.04	Secondary Mirror M2 Contract	
1.04C.06.04.01	NNS Substrate	
1.04C.06.04.02	Optical Polishing	
1.04C.06.05	Mirror Shipping and Storage	
1.04C.06.05.01	M1M3 Shipping and Storage	
1.04C.06.05.02	Secondary Mirror Shipping and Storage	
1.04C.07	Wavefront and Alignment Sensing	
1.04C.07.01	WFS/AOS System Mgmt and Engineering	
1.04C.07.02	WFS/AOS Software Pipeline	
1.04C.07.02.01	Wavefront Estimation Pipeline	
1.04C.07.02.02	Wavefront Data Client	
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WBS Code	WBS Name	
 1.04C.07.02.03	Wavefront Image Preprocessing	
 1.04C.07.02.04	Wavefront Estimator	
 1.04C.07.02.05	Wavefront Reconstructor	
 1.04C.07.03	Telescope Alignment System	
 1.04C.08	Calibration System	
 1.04C.08.01	Calibration System Management	
 1.04C.08.02	In-Dome Calibration System	
 1.04C.08.03	Auxillary Telescope System	
 1.04C.08.04	Collimated Beam Projector	
 1.04C.09	Reflective Coating System	
 1.04C.09.01	Coating System Mgmt & Engineering	
 1.04C.09.02	Coating Chamber System	
 1.04C.09.03	Mirror Cleaning System	
 1.04C.10	Observatory Control System	
 1.04C.10.01	Management and Engineering	
 1.04C.10.02	Scheduler	
 1.04C.10.03	Application	
 1.04C.10.04	Sequencer	
 1.04C.10.05	Operator	
 1.04C.10.06	Remote	
 1.04C.10.07	Monitor	
 1.04C.10.08	Maintenance	
 1.04C.10.09	Middleware	
 1.04C.10.10	Telemetry	
 1.04C.10.11	Engineering and Facility Database	
 1.04C.10.12	Computer Hardware	
 1.04C.11	Telescope Control System	
 1.04C.11.01	TCS System Mgmt and Engineering	
 1.04C.11.02	TCS Active Optics	
 1.04C.11.03	TCS Calibration	
 1.04C.11.04	TCS Enclosure Control	
 1.04C.11.05	TCS M2	
 1.04C.11.06	TCS Mount	
 1.04C.11.07	TCS Pointing	
 1.04C.11.08	TCS Rotator	
 1.04C.11.09	TCS M1M3	
 1.04C.11.10	TCS Enclosure Environment	
 1.04C.11.11	TCS Teststands	
 1.04C.11.12	TCS Aux Telescope	
 1.04C.11.13	TCS Aux Instruments	
 1.04C.11.14	TCS Facility	
 1.04C.11.15	TCS Hexapod	
 1.04C.11.16	TCS Application	
 1.04C.11.17	TCS Guiding System	
 1.04C.11.18	TCS Hardware	
 1.04C.11.19	TCS Software Architecture	
 1.04C.11.20	TCS ILC	
 1.04C.11.21	WFS/AOS Software Pipeline	
 1.04C.11.22	TAS Telescope Alignment System	
 1.04C.11.23	TCS Common	
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WBS Code	WBS Name	
 1.04C.12  1.04C.12.01  1.04C.12.02  1.04C.12.02.01  1.04C.12.02.02  1.04C.12.02.03  1.04C.12.03  1.04C.12.04  1.04C.12.05  1.04C.12.06  1.04C.12.06.01  1.04C.12.06.02  1.04C.12.06.02.01  1.04C.12.06.02.02  1.04C.12.06.02.03  1.04C.12.06.03  1.04C.12.06.04  1.04C.12.06.05  1.04C.12.06.06  1.04C.12.06.07  1.04C.12.06.08  1.04C.12.06.09  1.04C.12.06.10  1.04C.12.07  1.04C.12.08  1.04C.12.09  1.04C.12.10  1.04C.12.10.01  1.04C.12.10.02  1.04C.12.11  1.04C.12.11.01  1.04C.12.11.02  1.04C.12.11.03  1.04C.12.11.04  1.04C.12.12  1.04C.12.12.01  1.04C.12.12.02  1.04C.12.12.03  1.04C.12.12.03.01  1.04C.12.12.03.02  1.04C.12.12.04  1.04C.12.12.05  1.04C.12.12.06  1.04C.12.12.07  1.04C.12.12.08  1.04C.12.12.09  1.04C.12.12.10  1.04C.12.12.11  1.04C.12.13  1.04C.12.13.01	Utilities and Support Equipment Utilities and Equipment Mgmt and Engineering Safety Systems Access Control System Laser Interlock System Auxiliary Telescope Interlock System Monitoring Systems Facility Systems Summit Network System M1M3 Cell Cart and Tools and Equipment Summit Fiber Optics Tools Summit Electrical/Electronics Tools Assembly and Crimping Tools Electrical Test Tools Electronics Tools and Communications Summit Vibration Analysis Tools Summit Thermal Analysis Tools Summit Monitoring Audio-Visual Equipment Summit Monitoring Weather Equipment Summit Monitoring Earthquake Display Equipment Summit Monitoring DIMM Equipment Slings and Scales Integration Handling Equipment Vehicles and Transportation Shipping and Logistics Camera Support Assembly Cart M2 Equipment M2 Baffle Temporary Relocation Mount M2 Baffle and Fixture M1M3 Equipment M1M3 Maintenance Cover M1M3 Surrogate Lift Spreader Bar M1M3 Maintenance Deployable Tent M1M3 Cart Rail Sections, Shims and Transition Section Summit Equipment Jib Crane in Lower Enclosure Fixed Articulating Manlift in Dome ForkLifts Outdoor/Indoor Forklift Electric Forklift Scissor/Indoor Lifts Outdoor Articulating Boom Lift Summit Furniture Power Tugs Hydrasets Ladders Summit Machine Shop Equipment Summit Hand Tools Coating Optical Equipment Receiving Area Containment Structure	
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WBS Code	WBS Name	
 1.04C.12.14  1.04C.12.15  1.04C.12.15.01  1.04C.12.15.02  1.04C.12.15.03  1.04C.12.16  1.04C.12.17  1.04C.12.18  1.04C.12.19  1.04C.13  1.04C.13.01  1.04C.13.02  1.04C.13.03  1.04C.13.04  1.04C.13.05  1.04C.14  1.04C.14.01  1.04C.14.02  1.04C.14.02.01  1.04C.14.02.02  1.04C.14.02.03  1.04C.14.02.04  1.04C.14.02.05  1.04C.14.03  1.04C.14.04  1.04C.14.04.01  1.04C.14.04.02  1.04C.14.04.03  1.04C.14.04.04  1.04C.14.04.04.01  1.04C.14.04.04.02  1.04C.14.04.04.03  1.04C.14.04.04.04  1.04C.14.04.05  1.04C.14.04.06  1.04C.14.04.07  1.04C.14.04.08  1.04C.14.04.09  1.04C.14.04.10  1.04C.14.04.11  1.04C.14.04.12  1.04C.14.04.13  1.04C.14.04.14  1.04C.14.04.15  1.04C.15  1.04C.15.01  1.04C.15.02  1.04C.15.03  1.04C.15.04  1.04C.15.05	Pointing Test Equipment VRCAC and Roof Locks VRC Auxiliary Control Roof Folding Flap Edge Actuators Roof-Building Locks Dynalene Cooling System Post Construction Environmmetal Awareness System Special Utilities Base Facility and Infrastructure Pre-Construction Specs and A&E Contract Prep A&E Construction Documents Base Construction Management Base Facility Construction Phase 1 - Remodeling and Site Preparation La Serena Base Facility Construction Telescope Integration and Test Telescope Integration Mgmt and Engineering Integration Tooling and Equipment ComCam Interferometer Image Quality Diagnostics System ComCam Integrating Structure Laser Tracker Summit Major Equipment Leasing and Rental Subsystem Integration and Test TMA Integration & Test M1M3 Integration & Test Top End Assembly Integration & Test M2 Integration & Test M2 Cart & Cell Operations M2 Maintenance Operations M2 Coating Operations M2 TMA & Dome Operations Integrated Optical Testing Coating Chamber Integration & Test Calibration Systems Integration & Test Computing & Software Integration & Test Monitoring Systems Integration & Test Dome Integration and Test Roof and Platform Lift Integration and Test Global Interlock Safety Integration and Test General Equipment Integration and Test Verification General Tasks Telescope and Site Software Telescope and Site Software Management Main Telescope Software Auxiliary Telescope Software Telescope Software Infrastructure Telescope and Site Software Quality Assurance	
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WBS Code		WBS Name
 1.04C.15.06		Telescope and Site Software Build
 1.04C.15.07		LSST Operator Visualization Environment (LOVE)
 1.04C.15.08		Telescope and Site Computing Hardware
 1.04C.15.09		Telescope and Site Software Integration and Test
 1.05C		Education and Public Outreach Construction
 1.05C.00		EPO Level 2 Milestones
 1.05C.01		System Management
 1.05C.01.01		System Management
 1.05C.02		EPO Database and Data Access Services
 1.05C.02.01		EPO Database and Data Access Services
 1.05C.03		Infrastructure for Citizen Science
 1.05C.03.01		Infrastructure for Citizen Science
 1.05C.04		Classroom / Online Research Toolkit
 1.05C.04.01		Classroom / Online Research Toolkit
 1.05C.05		Visualization including Science Museums
 1.05C.05.01		Visualization including Science Museums
 1.05C.06		User Interfaces
 1.05C.06.01		User Interfaces
 1.06C		Systems Engineering and Commissioning
 1.06C.00		Systems Engineering and Commissioning Level 2 Milestones
 1.06C.00.01		Interfaces
 1.06C.00.02		Early Deliverables & System Integration
 1.06C.00.03		Commissioning
 1.06C.01		Systems Engineering
 1.06C.01.00		Systems Engineering Level 3 Milestones
 1.06C.01.01		Systems Engineering Management
 1.06C.01.02		Simulations and Analytic Tools
 1.06C.01.04		Verification & Validation
 1.06C.01.05		Tool Dev & Customization
 1.06C.01.06		System Analyses
 1.06C.02		Commissioning
 1.06C.02.00		Milestones
 1.06C.02.00.00		Early Subsystem Assembly & Test
 1.06C.02.00.01		Data Delivery
 1.06C.02.00.02		Subsystem Readiness
 1.06C.02.01		Commissioning Management
 1.06C.02.01.01		MREFC Personell
 1.06C.02.01.02		DOE Personell
 1.06C.02.01.03		Materials and Supplies
 1.06C.02.01.04		External Support
 1.06C.02.01.05		Data Services and Processing
 1.06C.02.01.05.01		LDF-offered Services
 1.06C.02.01.05.02		Reuseable Production Services
 1.06C.02.01.05.03		Data, Compute, and IT Security Services
 1.06C.02.01.06		Reserved #1
 1.06C.02.01.07		Reserved #2
 1.06C.02.01.08		DOE Contingency
 1.06C.02.01.09		Plan Tracking
 1.06C.02.02		Commissioning Planning, Preparation, Tooling, & Simulations
 1.06C.02.02.00		Planning & Reviews

WBS Code	WBS Name
 1.06C.02.02.01	ComCam Development & Oversight
 1.06C.02.02.02	LSSTCam Summit Servicing Area Preparation
 1.06C.02.02.03	Analysis Software and Procedure Simulation & Validation
 1.06C.02.02.04	Special Tooling
 1.06C.02.02.05	Shipping, Receiving and Logistics
 1.06C.02.03	Early System AI&T
 1.06C.02.03.01	ComCam Re-Verification
 1.06C.02.03.02	Calibration System AI&T
 1.06C.02.03.03	LSSTCam Refrigeration Pathfinder AI&T
 1.06C.02.03.04	ComCam - Telescope AI&T
 1.06C.02.03.05	DMS + TCS/OCS + ComCam AI&T
 1.06C.02.04	Full System AI&T
 1.06C.02.04.01	LSSTCam Re-Verification
 1.06C.02.04.02	LSSTCam - Telescope AI&T
 1.06C.02.04.03	DMS+ TCS/OCS + LSSTCam AI&T
 1.06C.02.05	Science Verification
 1.06C.02.05.01	Scheduler Driven mini-Survey 1
 1.06C.02.05.02	Scheduler Driven mini-Survey 2
 1.06C.02.05.03	Operation Readiness Preparation
 1.06C.02.05.04	SV Data Handling and Processing