

WBS Code	Task Name	Responsibility
<b>1000</b>	<b>EIS Hardware</b>	
<b>1100</b>	<b>Structure</b>	<b>BU</b>
1110	Design	
1120	Finite Element Model	
1140	Components	
1160	Test Equipment	
1170	STM	
1180	EM	
1190	PFM	
11A0	FS spares	
<b>1200</b>	<b>Door</b>	<b>BU</b>
1210	Design	
1220	Components	
1240	Test Equipment	
1250	Life Test	
1260	STM	
1270	EM	
1280	PFM	
1290	FS spares	
<b>1300</b>	<b>Optics</b>	<b>USA</b>
1310	Optical Design	
1320	EM Optics	
1330	PFM Optics	
1340	FS spares	
<b>1400</b>	<b>Filters</b>	<b>USA</b>
<b>1410</b>	<b>Pre Filter</b>	
1411	Specification	
1412	EM	
1413	PFM	
1414	FS spares	
<b>1420</b>	<b>Rear Filter</b>	
1421	Specification	
1422	EM	
1423	PFM	
1424	FS spares	
<b>1500</b>	<b>Slit-slot</b>	<b>USA</b>
1510	Design	
1520	EM	
1530	PFM	
1540	FS spares	
<b>1600</b>	<b>Limb Attitude Sensor</b>	<b>USA</b>
1610	Design	
1620	Breadboard	
1630	Optical elements	
1640	CCD	
1650	Electronics	
1660	Mechanical components	
1670	Test Equipment	
1680	EM	
1690	PFM	
16A0	FS spares	
<b>1700</b>	<b>Focal Plane Assembly</b>	<b>MSSL</b>
1710	Design	
1720	Breadboard	
1730	Optical element	
1740	CCD	
1750	Electronics	
1760	Mechanical components	
1770	Test Equipment	
1780	Simulations	
1790	EM	
17A0	PFM	
17B0	FS spares	
<b>1800</b>	<b>QCM</b>	<b>RAL</b>
1810	Specify	
1820	EM	
1830	PFM	
1840	FS spares	
<b>1900</b>	<b>Thermal Control</b>	<b>BU</b>
<b>1910</b>	<b>Structure</b>	
1911	Thermal Modelling	

WBS Code	Task Name	Responsibility
1912	Insulation	
1913	Sensors	
1914	Coatings and Treatments	
1915	EM	
1916	PFM	
1917	FS spares	
<b>1920</b>	<b>Focal Plane</b>	
1921	Thermal Modelling	
1922	Radiator	
1923	Cold Finger	
1924	Heaters	(MSSL)
1925	EM	
1926	PFM	
1927	FS spares	
<b>1A00</b>	<b>Electronics Box</b>	<b>MSSL</b>
1A10	Design	
1A20	Mechanical Box	
1A30	Power converters	
1A40	Digital Electronics	
1A50	Spacecraft Interface	
1A60	Housekeeping	
1A70	Mechanism and Heater Control	
1A80	On-board Software	
1A90	Test Equipment	
1AA0	STM	
1AB0	EM	
1AC0	PFM	
1AD0	FS spares	
<b>1B00</b>	<b>Harness</b>	<b>MSSL</b>
1B10	Design	
1B20	EM	
1B30	PFM	
1B40	FS spares	
<b>2000</b>	<b>Systems Engineering</b>	<b>MSSL</b>
2100	System Design	
2200	Trade-off studies	
2300	Simulations	
2400	Configuration Control	
2500	System Team	(All Hardware)
2600	Project Management Support	
<b>3000</b>	<b>AIV</b>	<b>RAL</b>
3100	PA	
3200	Contamination Control	
3300	Qualification	
<b>3400</b>	<b>System Test Equipment</b>	
3410	EGSE	
3420	MGSE	BU
3430	OGSE	
3500	STM AIV	BU
3600	EM AIV	MSSL
3700	FM AIV	
3800	Calibration	
<b>4000</b>	<b>Project Management</b>	<b>MSSL</b>
4100	Planning and Scheduling	
4200	Progress Monitoring	
4300	Resource Monitoring and Control	
4400	Risk Management	
4500	Meetings and Reviews	
4600	Reporting	
<b>4700</b>	<b>Local Management</b>	
4710	BU	BU
4720	MSSL	MSSL
4730	RAL	RAL
4740	USA	USA
4750	Other	Other
4800	PI Support	
<b>5000</b>	<b>Operations Preparation</b>	<b>All</b>
5100	Hardware	
5200	Planning Software	
5300	Quick-look Software	
5400	Operations preparations	

<b>WBS Code</b>	<b>Task Name</b>	<b>Responsibility</b>
<b>6000</b>	<b>Science</b>	<b>MSSL</b>
6100	Science Team Meetings	All
6200	PI and Co-I activities	All
<b>7000</b>	<b>Post Launch Operations</b>	<b>ALL</b>
7100	Operations Support	
7200	Equipment Maintenance	