

MODS Mechanical Status

2/28/2005

Description	Concept Design	Detail Design	Part Fabrication	Purchased Components	Mechanical Assembly & Test	Optics Mounting	Mechanism Wiring	Mounting on MODS Structure	Documentation
Darkslide, MODS #1	Complete	Complete	Complete	Complete	Complete	N/A	0%	0%	80%
Darkslide, MODS #2	N/A	N/A	Complete	Complete	Complete	N/A	0%	0%	N/A
Front AGW, MODS #1	Complete	Complete	Complete	Complete	50%	0%	0%	0%	40%
Front AGW, MODS #2	N/A	N/A	Complete	Complete	50%	0%	0%	0%	N/A
Multi-Slit, MODS #1	Complete	90%	80%	90%	60%	N/A	0%	0%	25%
Multi-Slit, MODS #2	N/A	N/A	80%	90%	40%	N/A	0%	0%	N/A
Calibration System, MODS #1	Complete	Complete	Complete	Complete	Complete	0%	0%	0%	60%
Calibration System, MODS #2	N/A	N/A	Complete	Complete	Complete	0%	0%	0%	N/A
Dichroic Select, MODS #1	Complete	70%	5%	5%	0%	0%	0%	0%	20%
Dichroic Select, MODS #2	N/A	N/A	5%	5%	0%	0%	0%	0%	N/A
Collimator TTF, MODS #1	Complete	Complete	90%	Complete	40%	0%	0%	0%	20%
Collimator TTF, MODS #2	N/A	N/A	90%	Complete	0%	0%	0%	0%	N/A
Blue Grating Select, MODS #1	Complete	Complete	Complete	Complete	80%	N/A	0%	0%	70%
Red Grating Select, MODS #1	Complete	Complete	95%	Complete	75%	N/A	0%	0%	70%
Blue Grating Select, MODS #2	N/A	N/A	25%	75%	0%	N/A	0%	0%	N/A
Red Grating Select, MODS #2	N/A	N/A	25%	75%	0%	N/A	0%	0%	N/A
Blue Grating Tilt, MODS #1 (Qty. 3)	Complete	Complete	Complete	Complete	40%	0%	0%	0%	30%
Red Grating Tilt, MODS #1 (Qty. 3)	Complete	Complete	Complete	Complete	40%	0%	0%	0%	30%
Blue Grating Tilt, MODS #2 (Qty. 3)	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Red Grating Tilt, MODS #2 (Qty. 3)	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Blue Imaging Tilt, MODS #1	Complete	Complete	Complete	Complete	75%	0%	0%	0%	0%
Red Imaging Tilt, MODS #1	Complete	Complete	Complete	Complete	75%	0%	0%	0%	0%
Blue Imaging Tilt, MODS #2	N/A	N/A	0%	Complete	0%	0%	0%	0%	N/A
Red Imaging Tilt, MODS #2	N/A	N/A	0%	Complete	0%	0%	0%	0%	N/A
Blue Camera Structure, MODS#1	Complete	Complete	Complete	Complete	85%	0%	0%	0%	0%
Red Camera Structure, MODS #1	Complete	Complete	Complete	Complete	15%	0%	0%	0%	0%
Blue Camera Structure, MODS#2	N/A	N/A	25%	Complete	0%	0%	0%	0%	N/A
Red Camera Structure, MODS #2	N/A	N/A	25%	Complete	0%	0%	0%	0%	N/A
Blue Filter Wheel, MODS #1	Complete	Complete	Complete	Complete	Complete	0%	0%	0%	60%
Red Filter Wheel, MODS #1	Complete	Complete	Complete	Complete	Complete	0%	0%	0%	60%
Blue Filter Wheel, MODS #2	N/A	N/A	75%	75%	0%	0%	0%	0%	N/A
Red Filter Wheel, MODS #2	N/A	N/A	75%	75%	0%	0%	0%	0%	N/A
Blue Camera Focus, MODS #1	Complete	Complete	Complete	Complete	85%	0%	0%	0%	0%
Red Camera Focus, MODS #1	Complete	Complete	Complete	Complete	0%	0%	0%	0%	0%
Blue Camera Focus, MODS #2	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Red Camera Focus, MODS #2	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Blue Camera Shutter, MODS #1	Complete	Complete	Complete	Complete	90%	N/A	0%	0%	50%
Red Camera Shutter, MODS #1	Complete	Complete	Complete	Complete	60%	N/A	0%	0%	50%
Blue Camera Shutter, MODS #2	N/A	N/A	Complete	Complete	0%	N/A	0%	0%	N/A
Red Camera Shutter, MODS #2	N/A	N/A	Complete	Complete	0%	N/A	0%	0%	N/A
Blue Detector Dewar, MODS #1	15%	0%	0%	0%	0%	0%	0%	0%	0%
Red Detector Dewar, MODS #1	15%	0%	0%	0%	0%	0%	0%	0%	0%
Blue Detector Dewar, MODS #2	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Red Detector Dewar, MODS #2	N/A	N/A	0%	0%	0%	0%	0%	0%	N/A
Primary Structure, MODS #1	Complete	Complete	Complete	Complete	0%	N/A	N/A	N/A	0%
Primary Structure, MODS #2	N/A	N/A	30%	Complete	0%	N/A	N/A	N/A	N/A
Handling Cart, MODS #1	Complete	Complete	Complete	Complete	Complete	N/A	N/A	N/A	0%
Handling Cart, MODS #2	N/A	N/A	20%	Complete	0%	N/A	N/A	N/A	N/A
Enclosure, MODS #1	20%	0%	0%	0%	0%	N/A	0%	0%	0%
Enclosure, MODS #2	N/A	N/A	0%	0%	0%	N/A	0%	0%	N/A
Mechanism Handling Carts	Complete ?	Complete ?	95%	95%	95%	N/A	N/A	N/A	Complete
Mechanism Handling Fixtures	Complete ?	Complete ?	95%	95%	95%	N/A	N/A	N/A	70%
IMCS, MODS #1	Complete	90%	65%	15%	25%	0%	0%	0%	0%
IMCS, MODS #2	N/A	N/A	40%	15%	0%	0%	0%	0%	N/A
Baffles & Masks, MODS #1	40%	20%	0%	0%	0%	N/A	N/A	0%	0%
Baffles & Masks, MODS #2	N/A	N/A	0%	0%	0%	N/A	N/A	0%	N/A