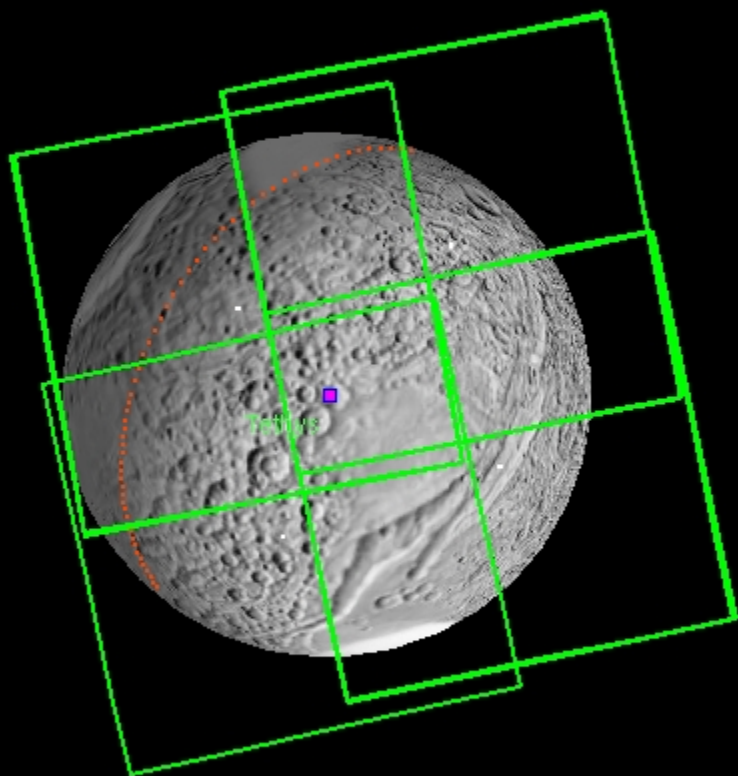


S19: Mosaic designs

1. C-Kernels Reconstruction

Target: Tethys

Observation/Footprint Time:(2007 MAY 26) 2007-14

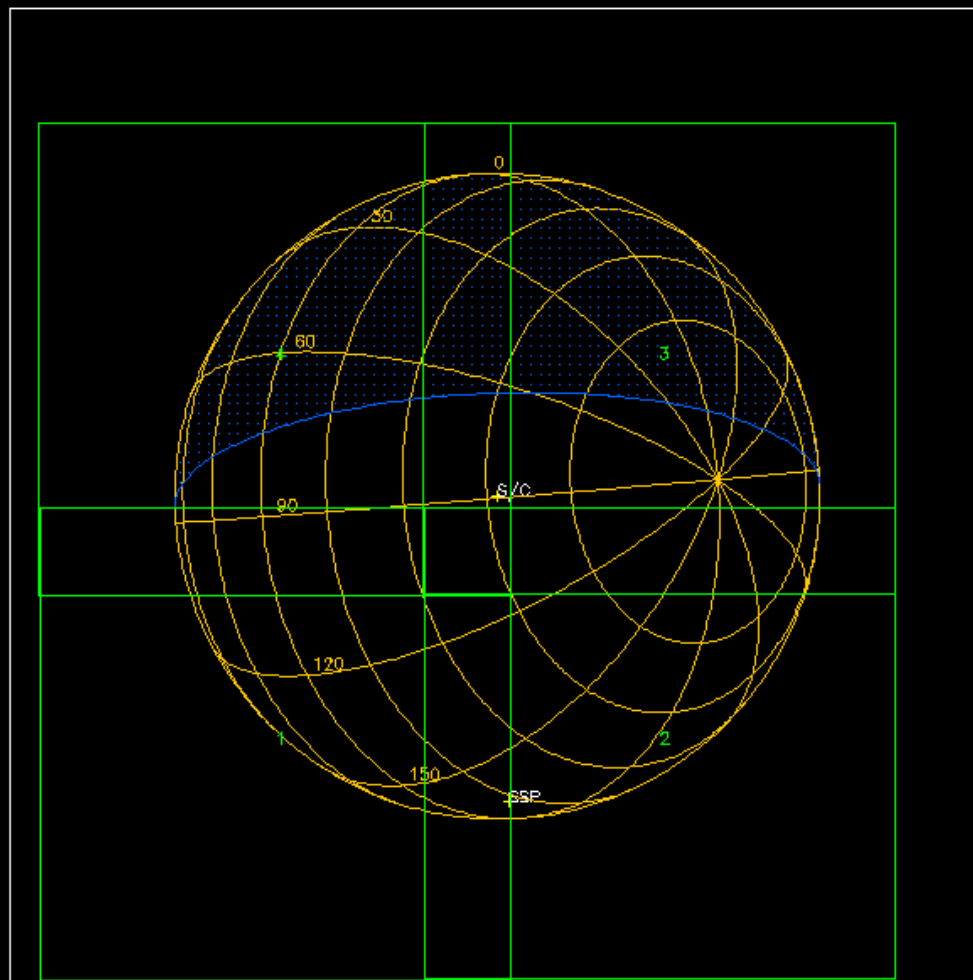


Target RA Dec: 107.82 -8.26  
Spacecraft-Target Distance: 125892 km  
Spacecraft Velocity(relative to Target): 13.3295 km/s

Sub SC Lat Lon: 5.242 41.788  
Sub Solar Lat Lon: -13.095 0.343  
Target Phase Angle: 45.84

Footprint Mode: Body Cen  
Created by ODD (MSS D'  
on: Wed Nov 29 14:52:50

Footprints on RHEA



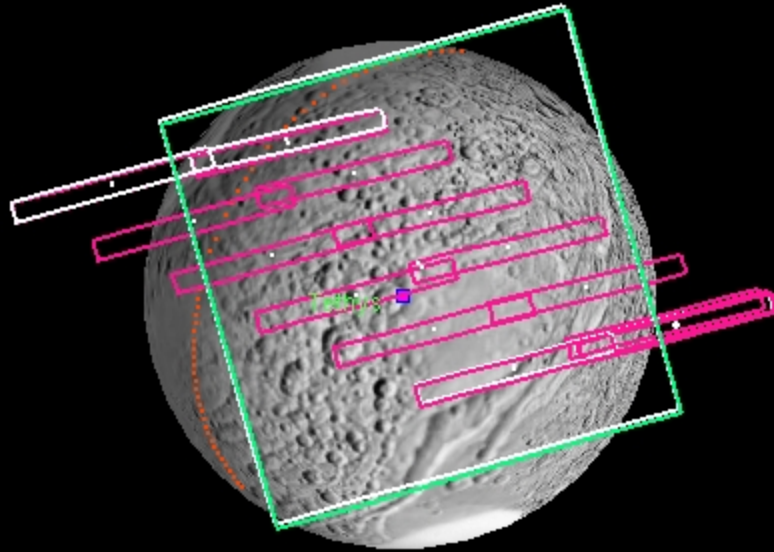
Start UTC : 2007-147T14:01:08.000, End UTC : 2007-147T14:06:35.500  
FOV : ISS NAC

1. Request: CIRS\_045TE\_TEF3MAP001\_PRIME Target: Tethys Observation/Footprint Time:(2007 MAY 26) 2007-146T22:46:00.25

111

110

-3



Target RA Dec: 110.54 -3.44

Spacecraft-Target Distance: 135131 km

Spacecraft Velocity(relative to Target): 13.6223 km/s

Sub SC Lat Lon: 0.683 41.222

Sub Solar Lat Lon: -13.095 2.828

Target Phase Angle: 41.19

Footprint Mode: Body Center (Default)

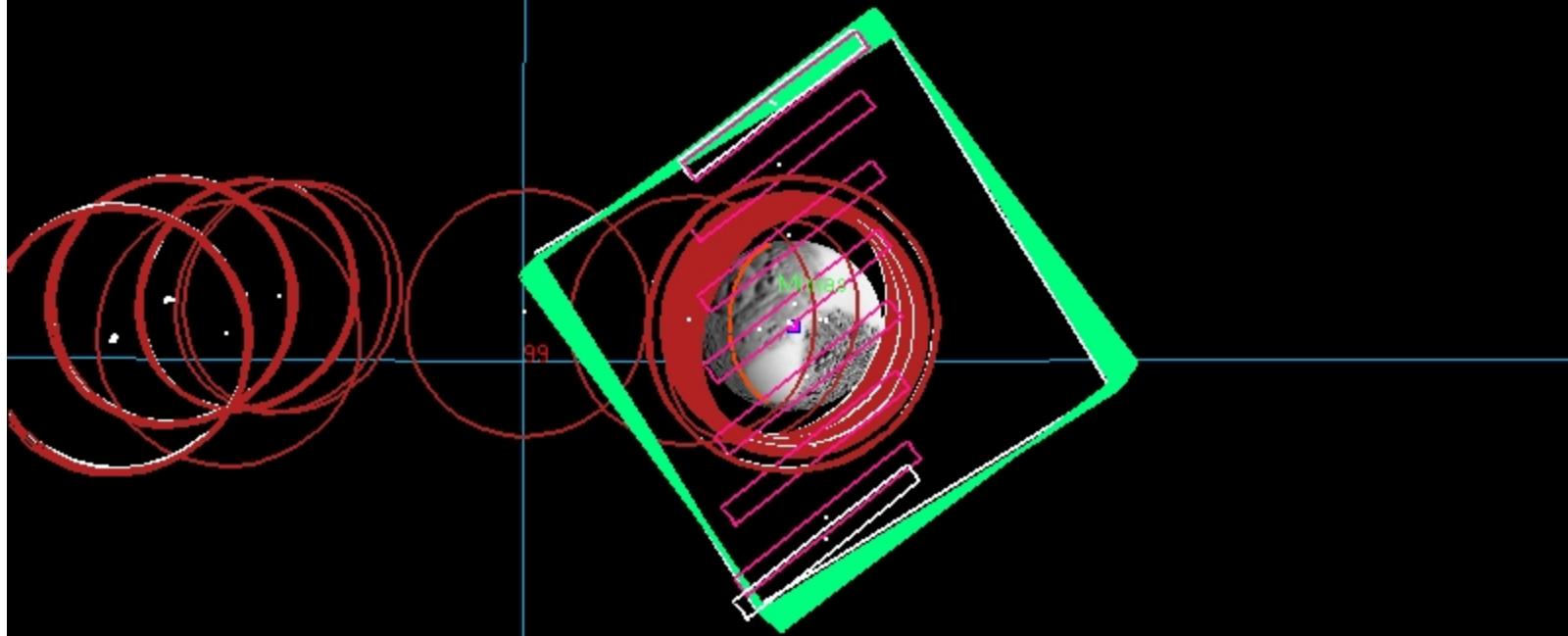
Created by ODD (MSS D11.0-d)

on: Thu Jan 25 17:16:26 2007

1. Request: CIRS\_045MI\_MIMASX001\_PRIME

Target: Mimas

Observation/Footprint Time:(2007 MAY 27) 2007-147T00:58:15.00



Target RA Dec: 98.76 23.03

Spacecraft-Target Distance: 153566 km

Spacecraft Velocity(relative to Target): 15.0295 km/s

Sub SC Lat Lon: -28.021 64.137

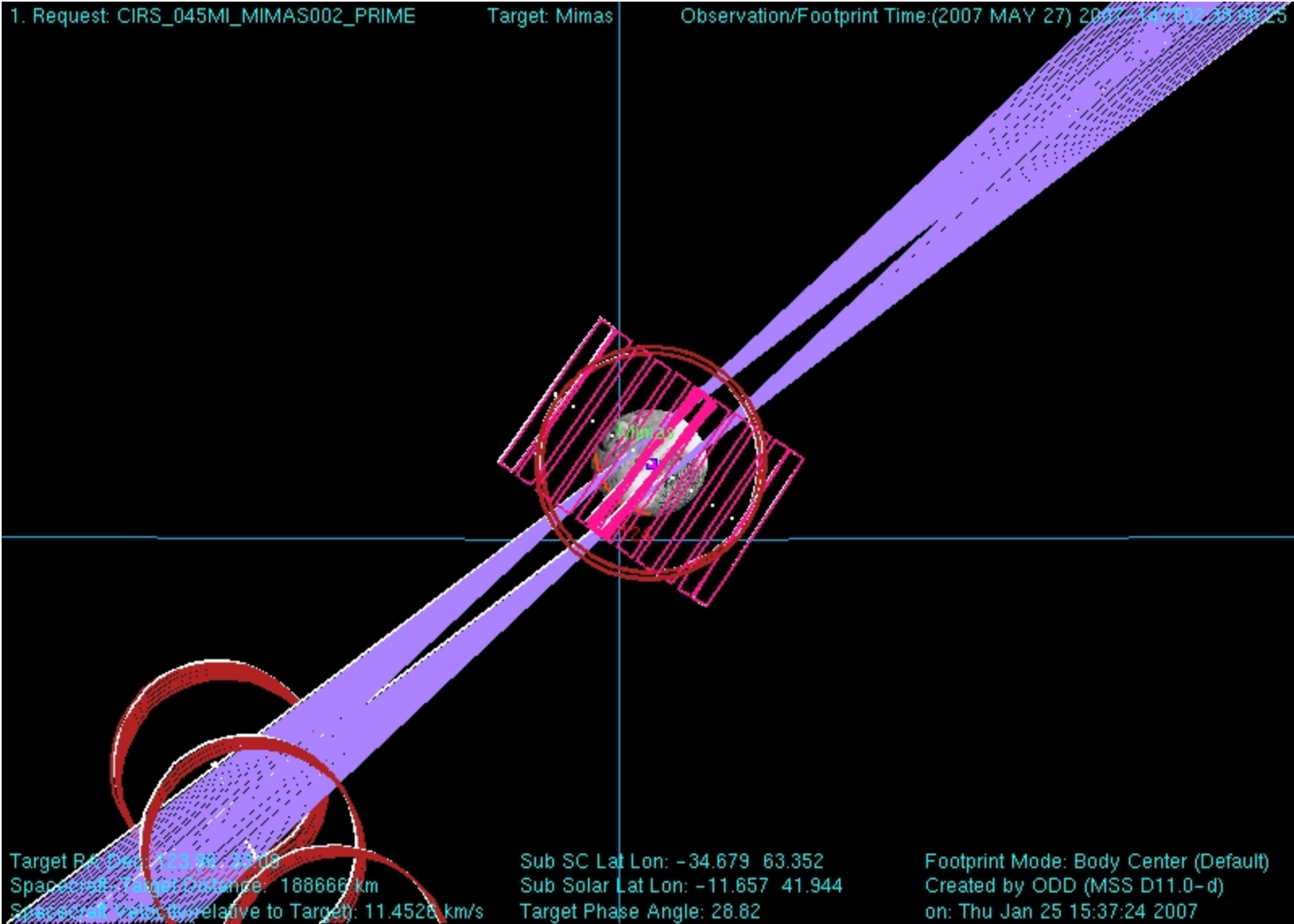
Sub Solar Lat Lon: -11.090 16.960

Target Phase Angle: 47.29

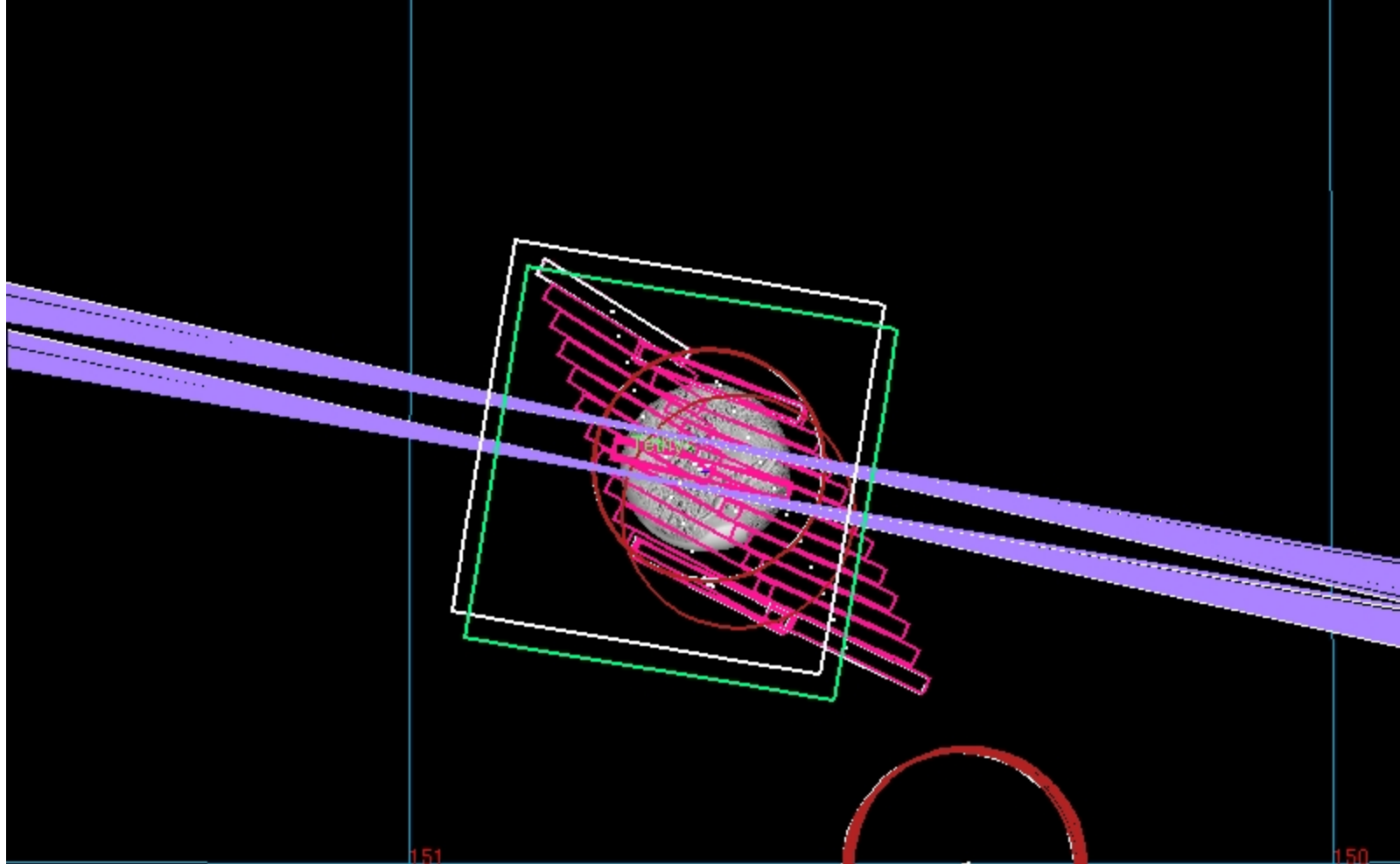
Footprint Mode: Body Center (Default)

Created by ODD (MSS D11.0-d)

on Thu Jan 25 12:21:21 2007



1. Request: CIRS\_045TE\_FP3GLOBAL383\_PRIME Target: Tethys Observation/Footprint Time:(2007 MAY 27) 2007-147T04:31:00.50



Target RA Dec: 150.68 22.40

Spacecraft-Target Distance: 356475 km

Spacecraft Velocity(relative to Target): 12.3584 km/s

Sub SC Lat Lon: -21.052 44.302

Sub Solar Lat Lon: -13.291 47.785

Target Phase Angle: 8.46

Footprint Mode: Body Center (Default)

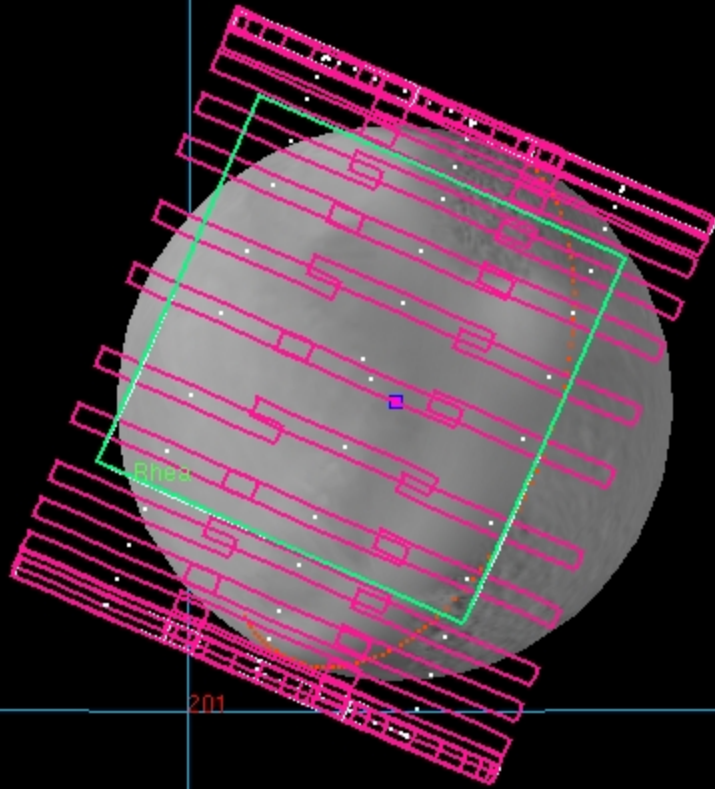
Created by ODD (MSS D11.0-d)

on: Thu Jan 25 19:09:37 2007

1. Request: CIRS\_045RH\_FP13MAPS001\_PRIME

Target: Rhea

Observation/Footprint Time:(2007 MAY 27) 2007-147T16:01:00.37



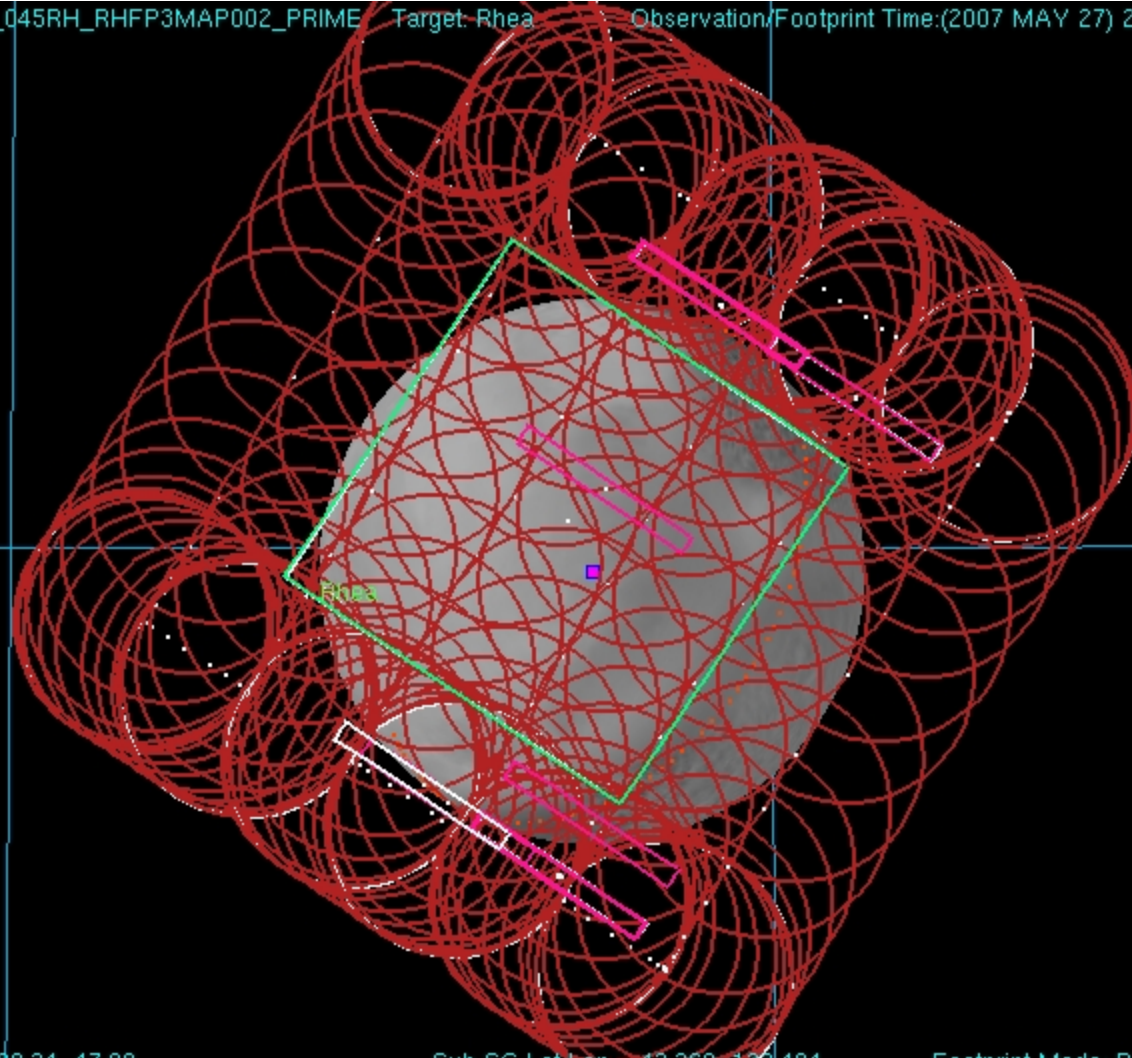
Target RA Dec: 200.71 51.27  
Spacecraft-Target Distance: 179125 km  
Spacecraft Velocity(relative to Target): 6.98596 km/s

Sub SC Lat Lon: -45.057 118.463  
Sub Solar Lat Lon: -11.945 171.641  
Target Phase Angle: 55.90

Footprint Model: Body Center (Default)  
Created by ODD (MSS D11.0-d)  
on: Thu Jan 25 21:21:30 2007



1. Request: CIRS\_045RH\_RHFP3MAP002\_PRIME Target: Rhea Observation/Footprint Time: (2007 MAY 27) 2007-147T17:06:10.37



Target RA Dec: 188.24 47.98

Spacecraft-Target Distance: 182516 km

Spacecraft Velocity(relative to Target): 7.17074 km/s

Sub SC Lat Lon: -42.260 133.484

Sub Solar Lat Lon: -11.944 175.247

Target Phase Angle: 47.21

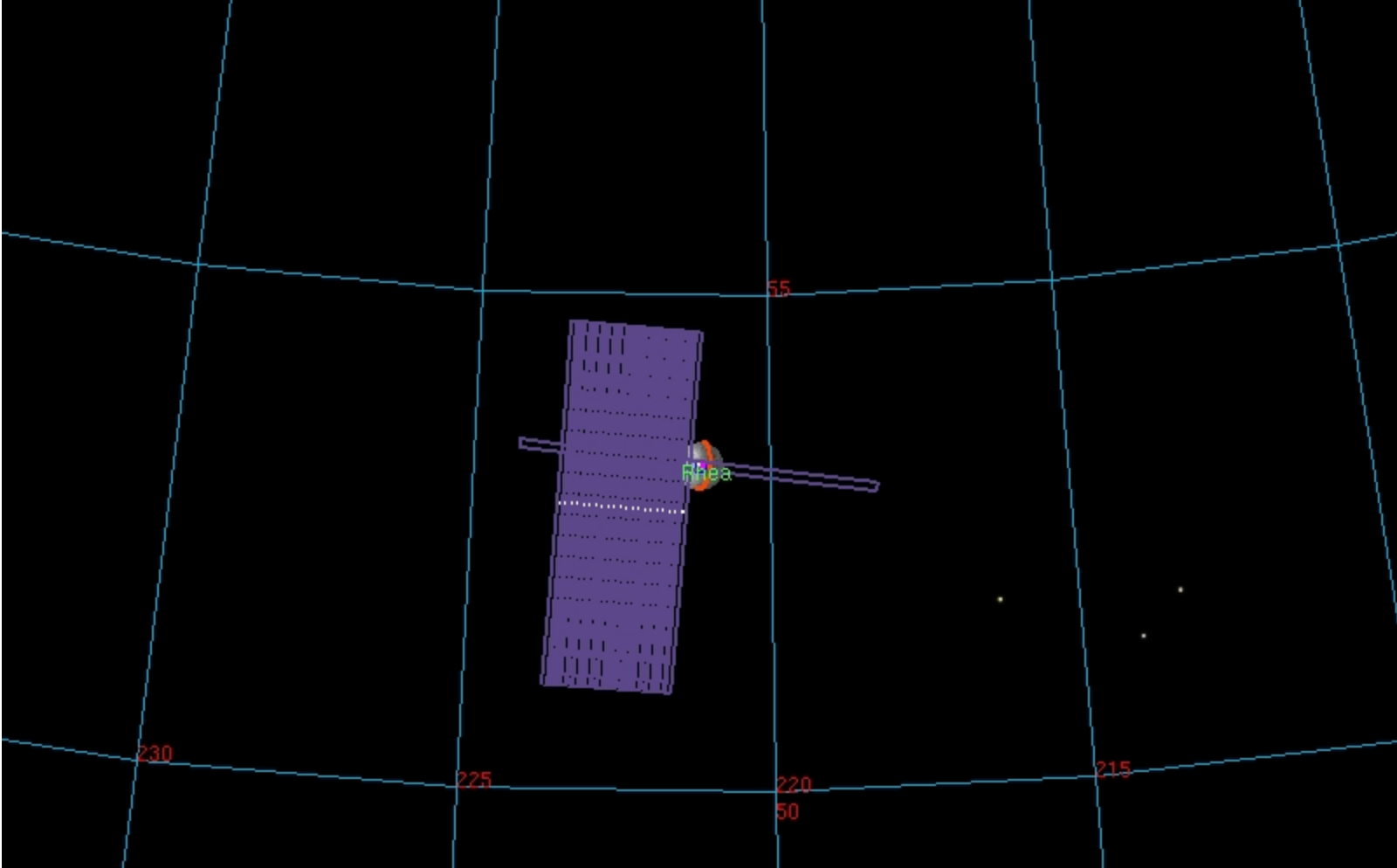
Footprint Mode: Body Center (Default)

Created by ODD (MSS D11.0-d)

on: Thu Jan 25 22:29:23 2007



1. Request: UVIS\_045RH\_LIMBSCAN001\_PRIME Target: Rhea Observation/Footprint Time: (2007 MAY 27) 2007-147T14:24:40.00



Target RA Dec: 221.19 53.29  
Spacecraft-Target Distance: 181113 km  
Spacecraft Velocity(relative to Target): 6.77186 km/s

Sub SC Lat Lon: -46.853 95.085  
Sub Solar Lat Lon: -11.946 166.310  
Target Phase Angle: 68.51

Footprint Mode: Body Center (Default)  
Created by ODD (MSS D12.0.1)  
on: Tue Feb 6 16:33:26 2007