

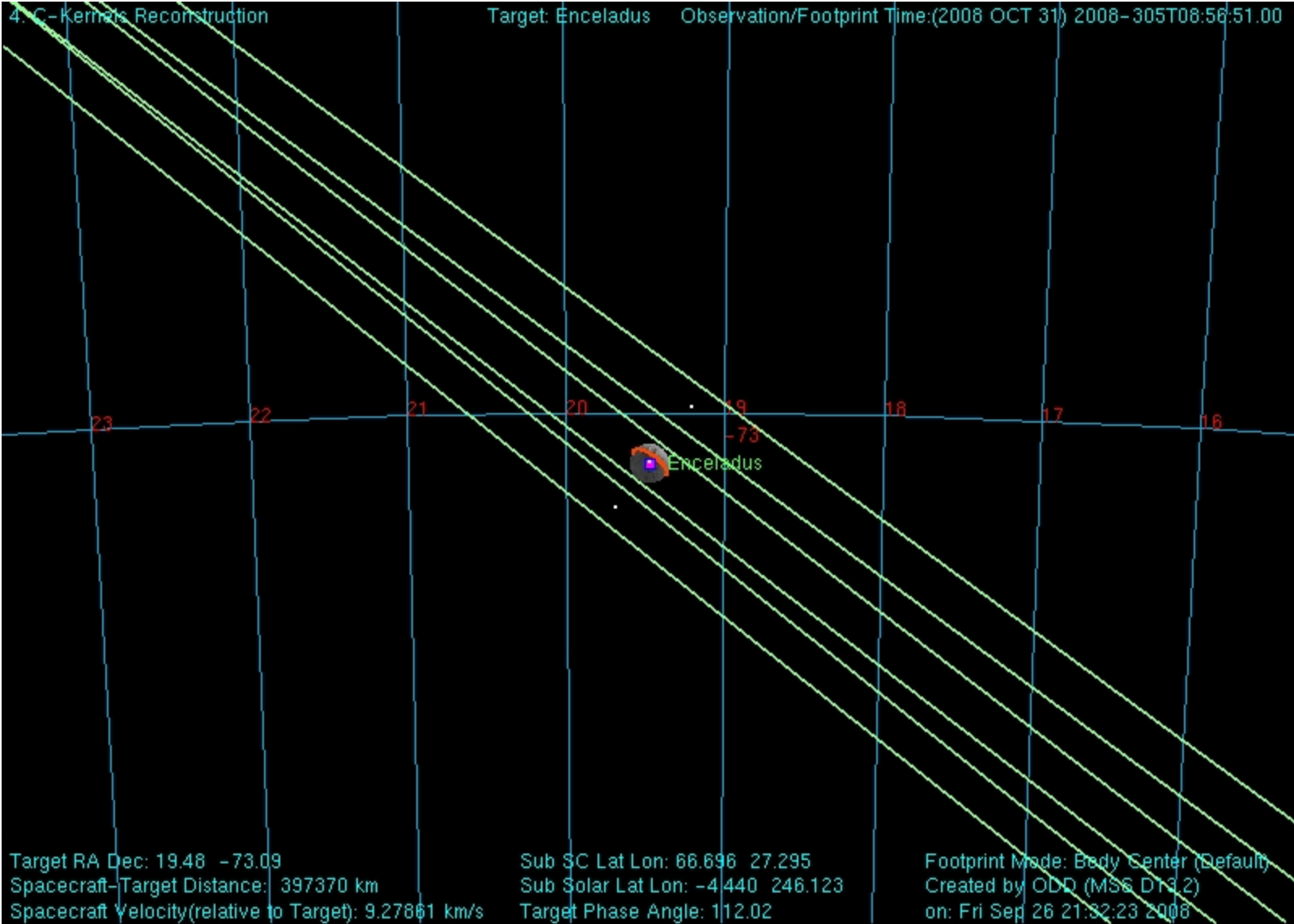
# S45 Mosaic Designs: Enceladus

VIMS observations are point and stare

4. C-Kernals Reconstruction

Target: Enceladus

Observation/Footprint Time:(2008 OCT 31) 2008-305T08:56:51.00



Target RA Dec: 19.48 -73.09

Spacecraft-Target Distance: 397370 km

Spacecraft Velocity(relative to Target): 9.27861 km/s

Sub SC Lat Lon: 66.696 27.295

Sub Solar Lat Lon: -4.440 246.123

Target Phase Angle: 112.02

Footprint Mode: Body Center (Default)

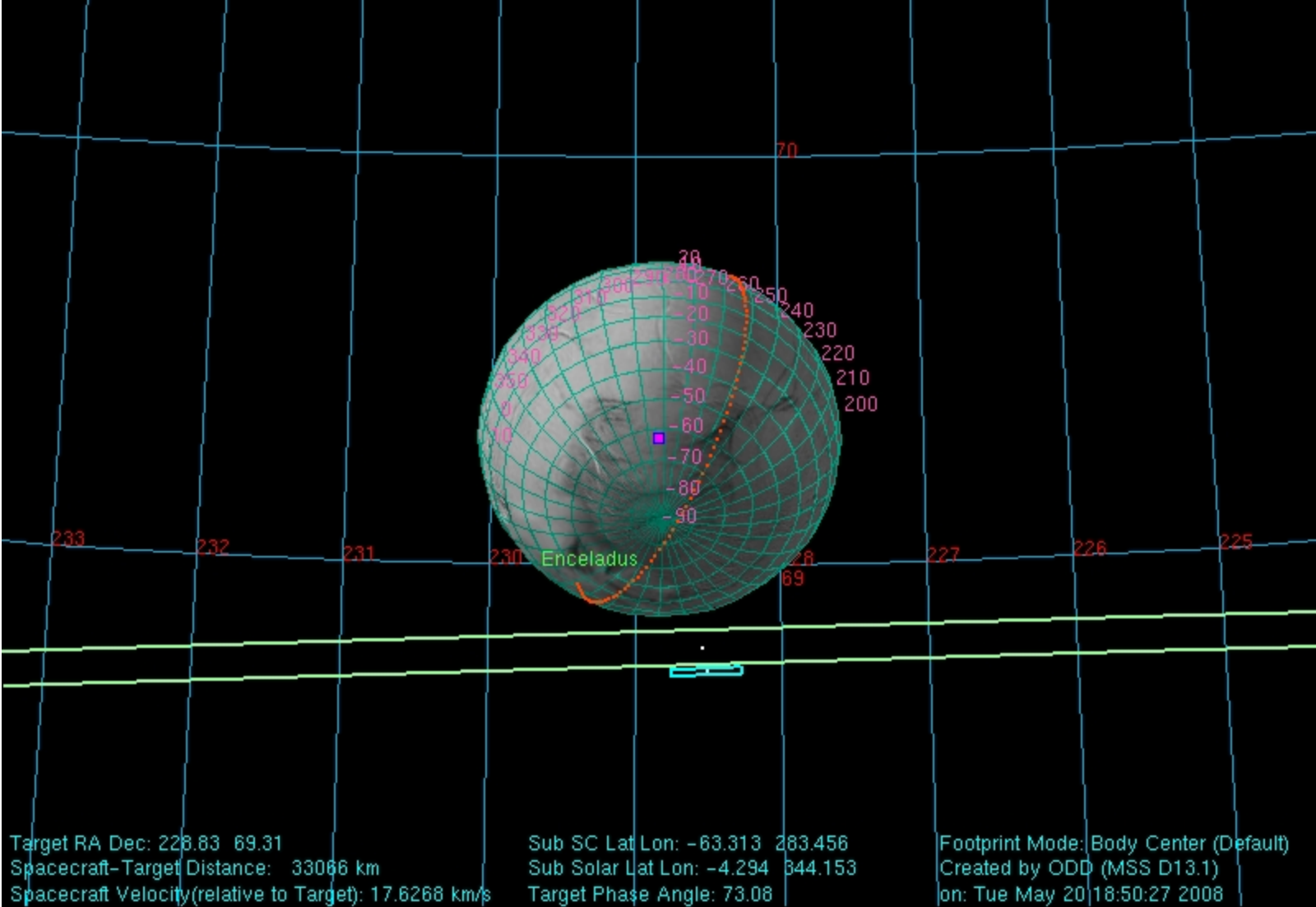
Created by ODD (MSS D13.2)

on: Fri Sep 26 21:52:23 2008

3. C-Kernels Reconstruction

Target: Enceladus

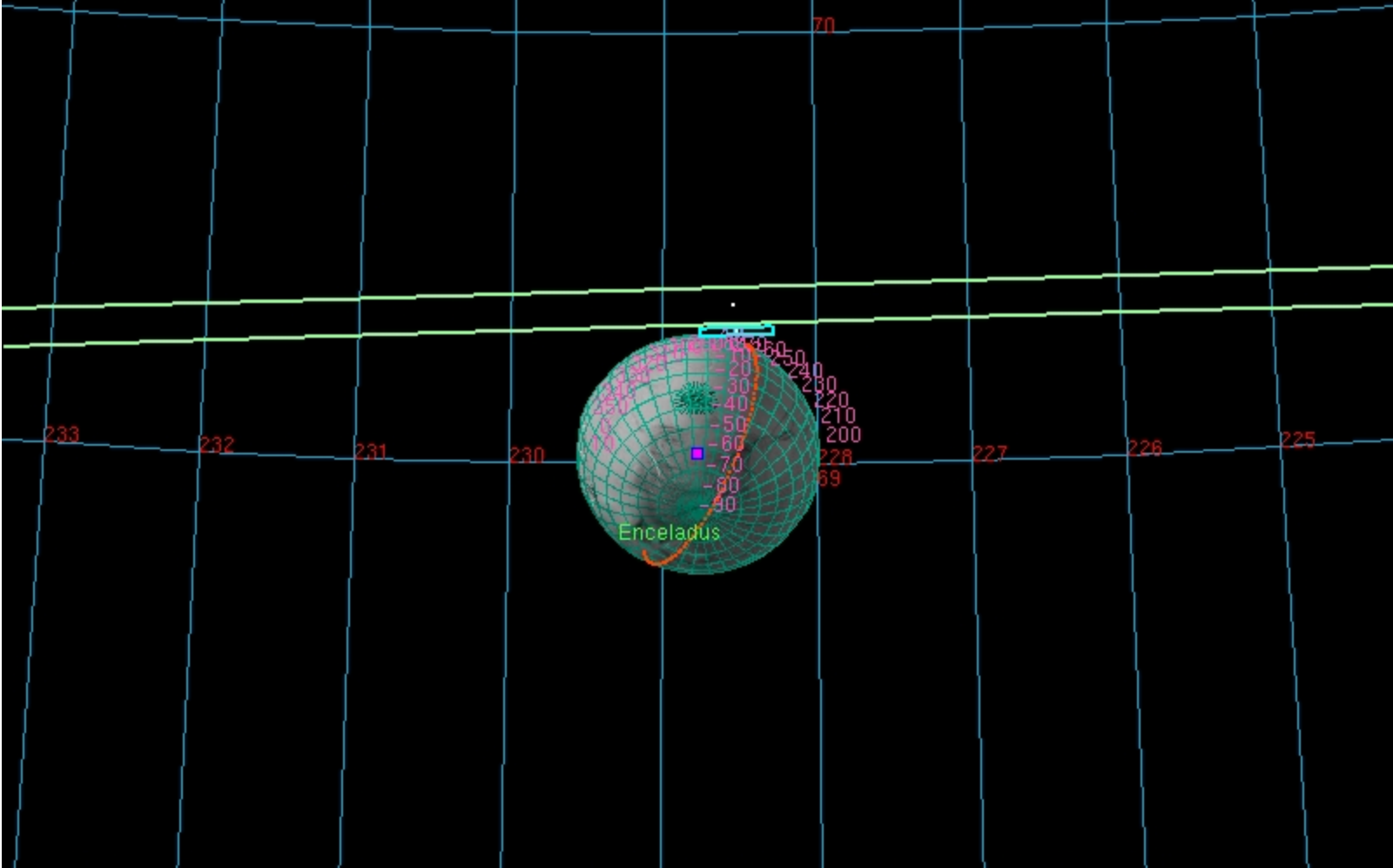
Observation/Footprint Time:(2008 OCT 31) 2008-305T17:46:04.00



4. C-Kernels Reconstruction

Target: Enceladus

Observation/Footprint Time:(2008 OCT 31) 2008-305T18:04:00.00



Target RA Dec: 228.77 - 69.02

Sub SC Lat Lon: -63.001 286.872

Footprint Mode: Body Center (Default)

Spacecraft-Target Distance: 51968 km

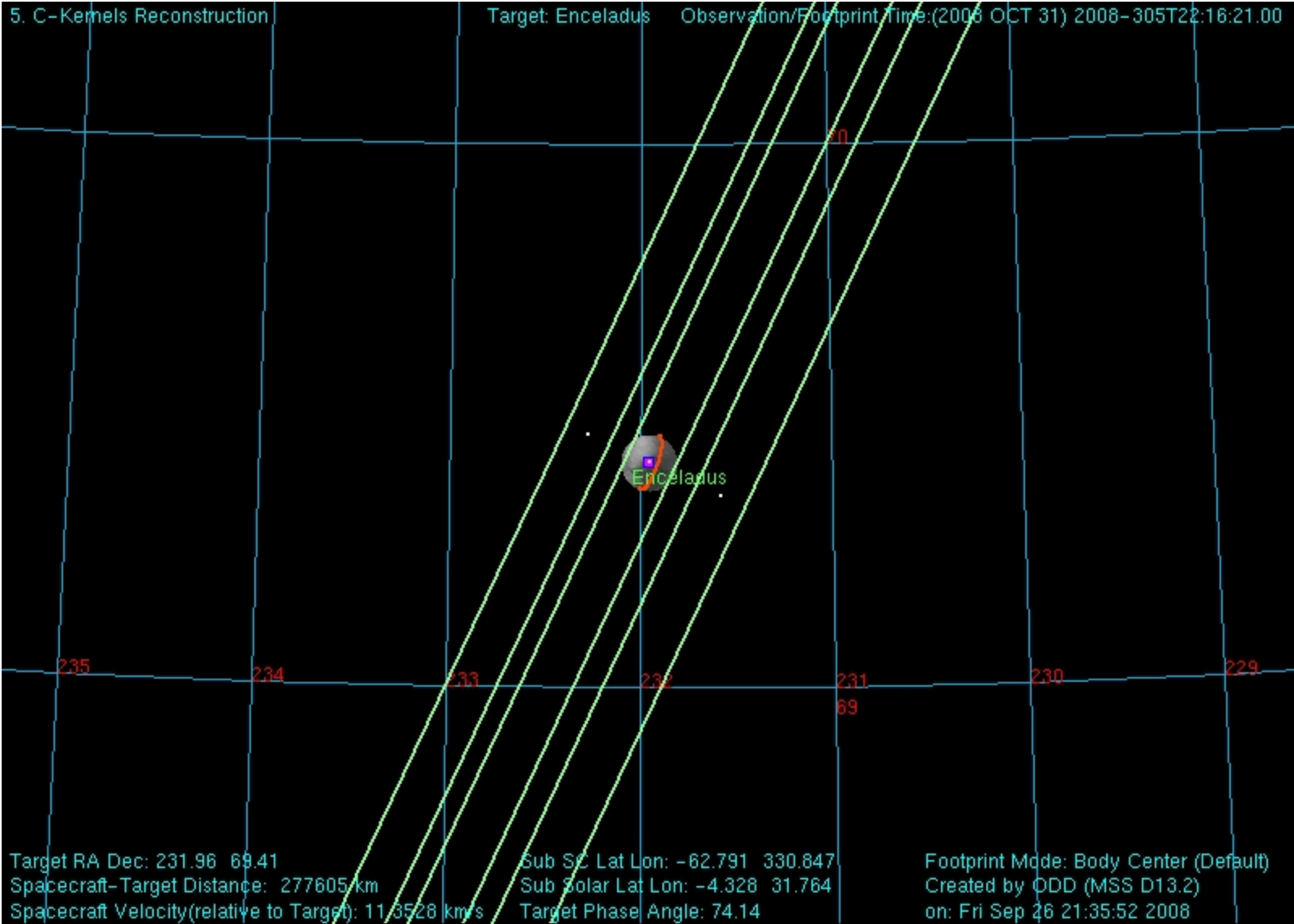
Sub Solar Lat Lon: -4.289 347.309

Created by ODD (MSS D13.1)

Spacecraft Velocity(relative to Target): 17.4988 km/s

Target Phase Angle: 72.95

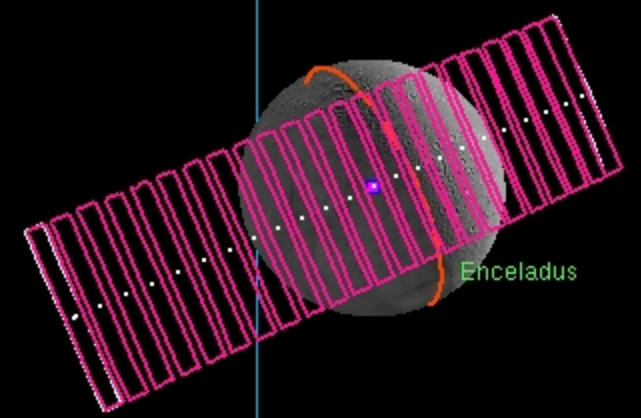
on: Tue May 20 18:52:21 2008



1. Request: CIRS\_091EN\_FP3STARE001\_PRIME Target: Enceladus Observation/Footprint Time:(2008 OCT 31) 2008-305T15:14:37.62

49 48 47 46

-68



Target RA Dec: 47.72 -68.39

Spacecraft-Target Distance: 124975 km

Spacecraft Velocity(relative to Target): 16.5663 km/s

Sub SC Lat Lon: 62.703 75.122

Sub Solar Lat Lon: -4.362 317.944

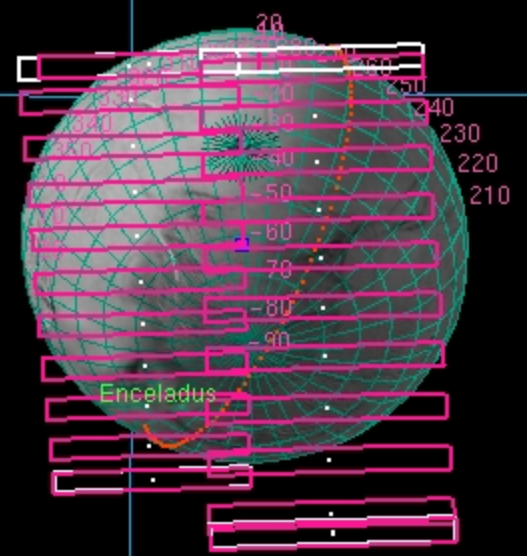
Target Phase Angle: 107.65

Footprint Mode: Body Center (Default)

Created by ODD (MSS D13.1-cl)

on: Wed May 28 13:40:59 2008

1. Request: CIRS\_091EN\_SECLNX001\_PRIME Target: Enceladus Observation/Footprint Time:(2008 OCT 31) 2008-305T18:25:32.75

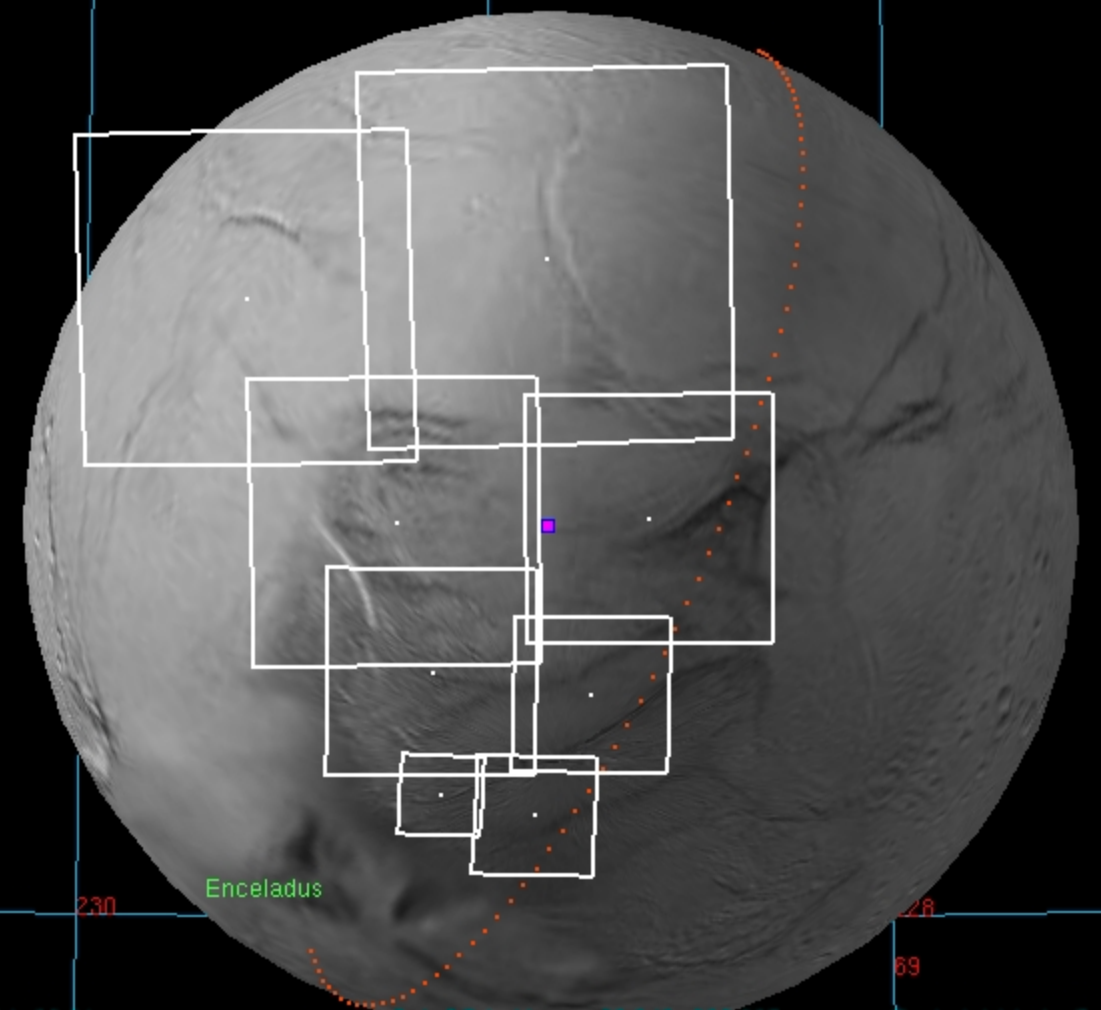


Target RA Dec: 228.72 68.87  
Spacecraft-Target Distance: 74449 km  
Spacecraft Velocity(relative to Target): 17.2706 km/s

Sub SC Lat Lon: -63.075 291.551  
Sub Solar Lat Lon: -4.221 351.356  
Target Phase Angle: 72.87

Footprint Mode: Body Center (Default)  
Created by ODD (MSS D13.1-cl)  
on: Mon Jul 21 11:11:32 2008

3. Request: ISS\_091EN\_ENCELCA001\_PRIME Target: Enceladus Observation/Footprint Time:(2008 OCT 31) 2008-305T17:44:45.00



Enceladus

Target RA Dec: 228.84 69.34	Sub SC Lat Lon: -63.349 283.205	Footprint Mode: Body Surface (Lat_Lon)
Spacecraft-Target Distance: 31674 km	Sub Solar Lat Lon: -4.294 343.921	Created by ODD (MSS D13.1-cl)
Spacecraft Velocity(relative to Target): 17.6339 km/s	Target Phase Angle: 73.10	on: Thu May 15 16:04:27 2008