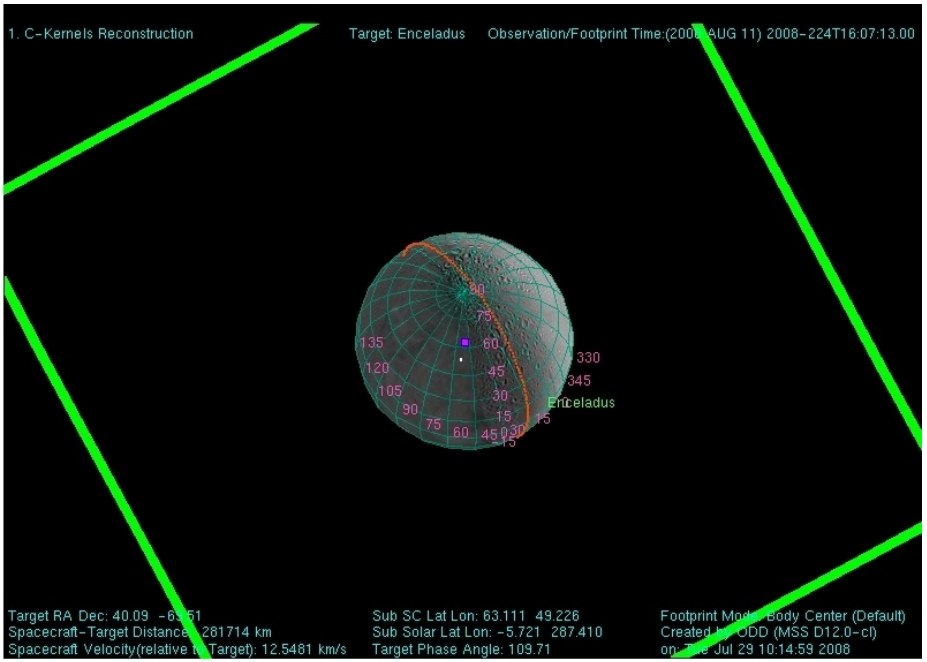
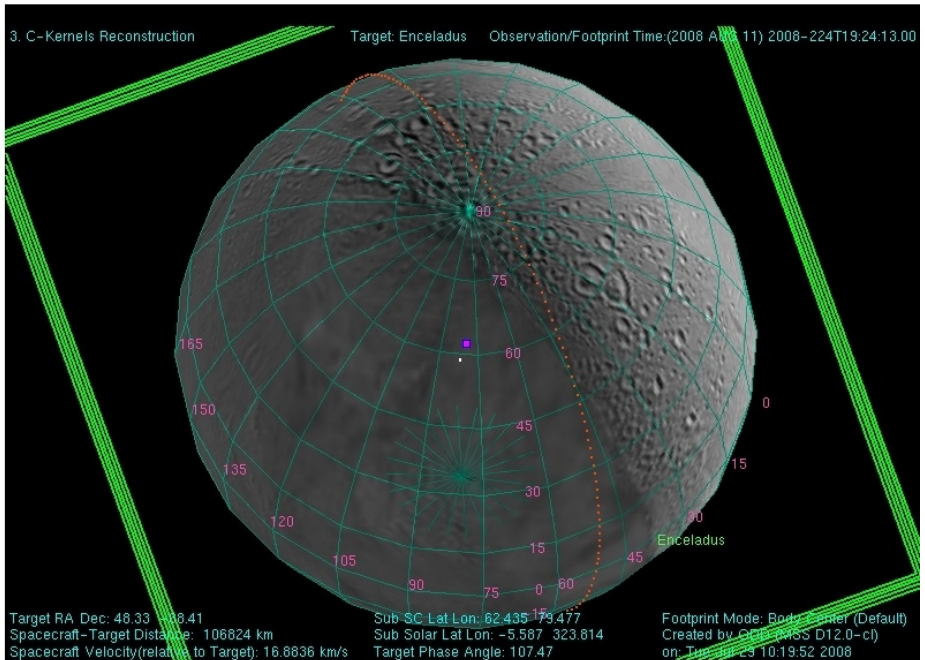
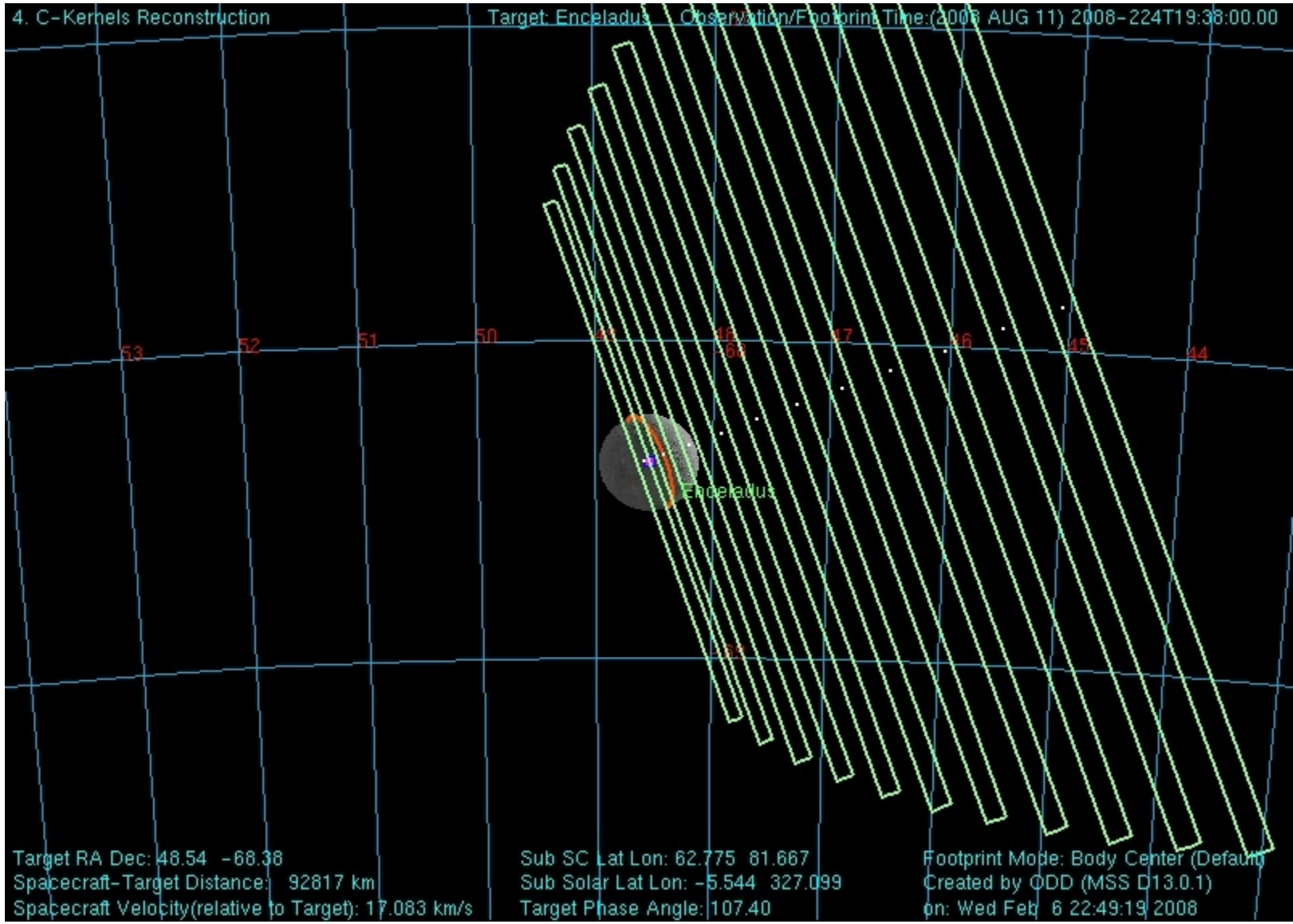
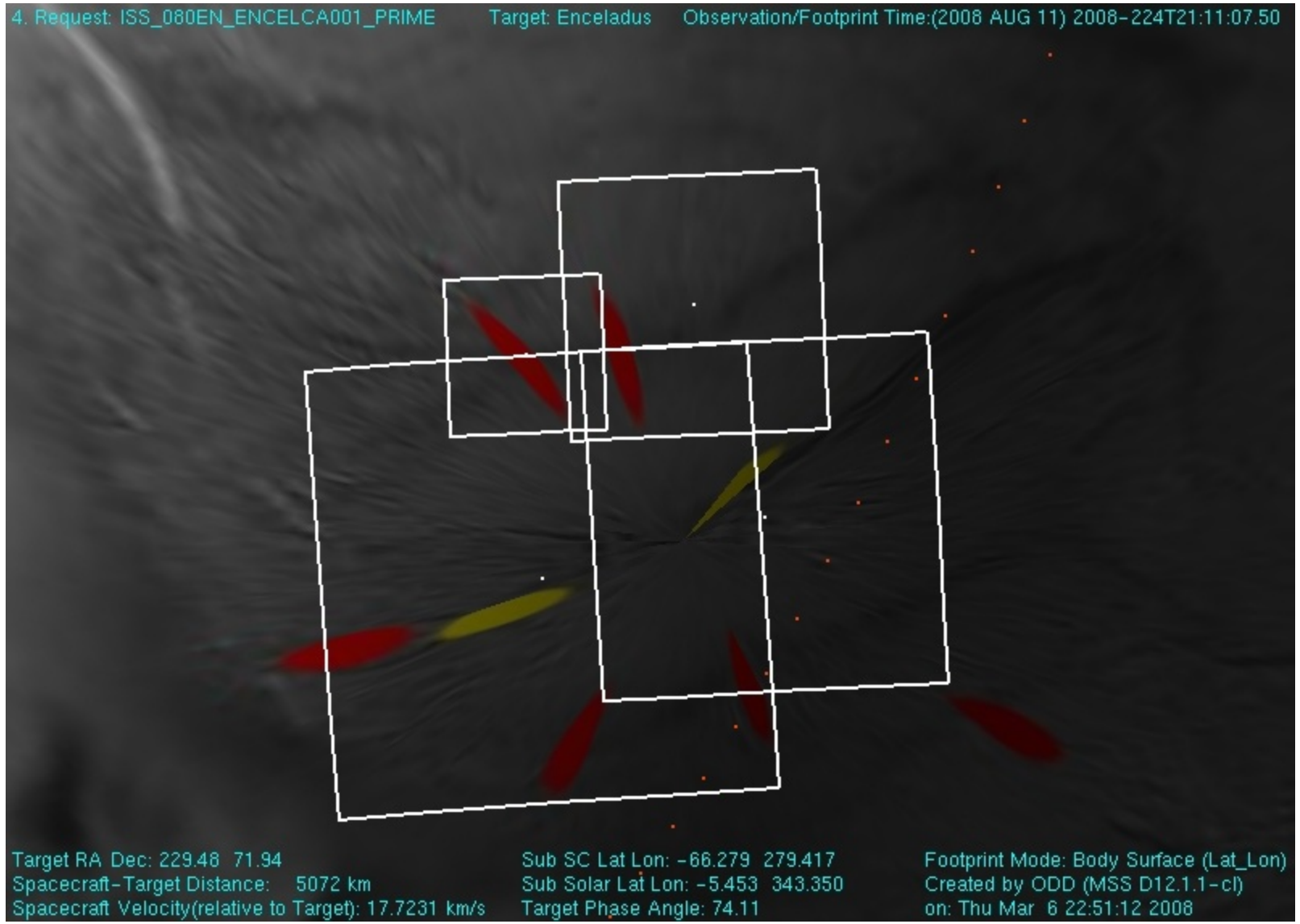
S43 Pointing designs

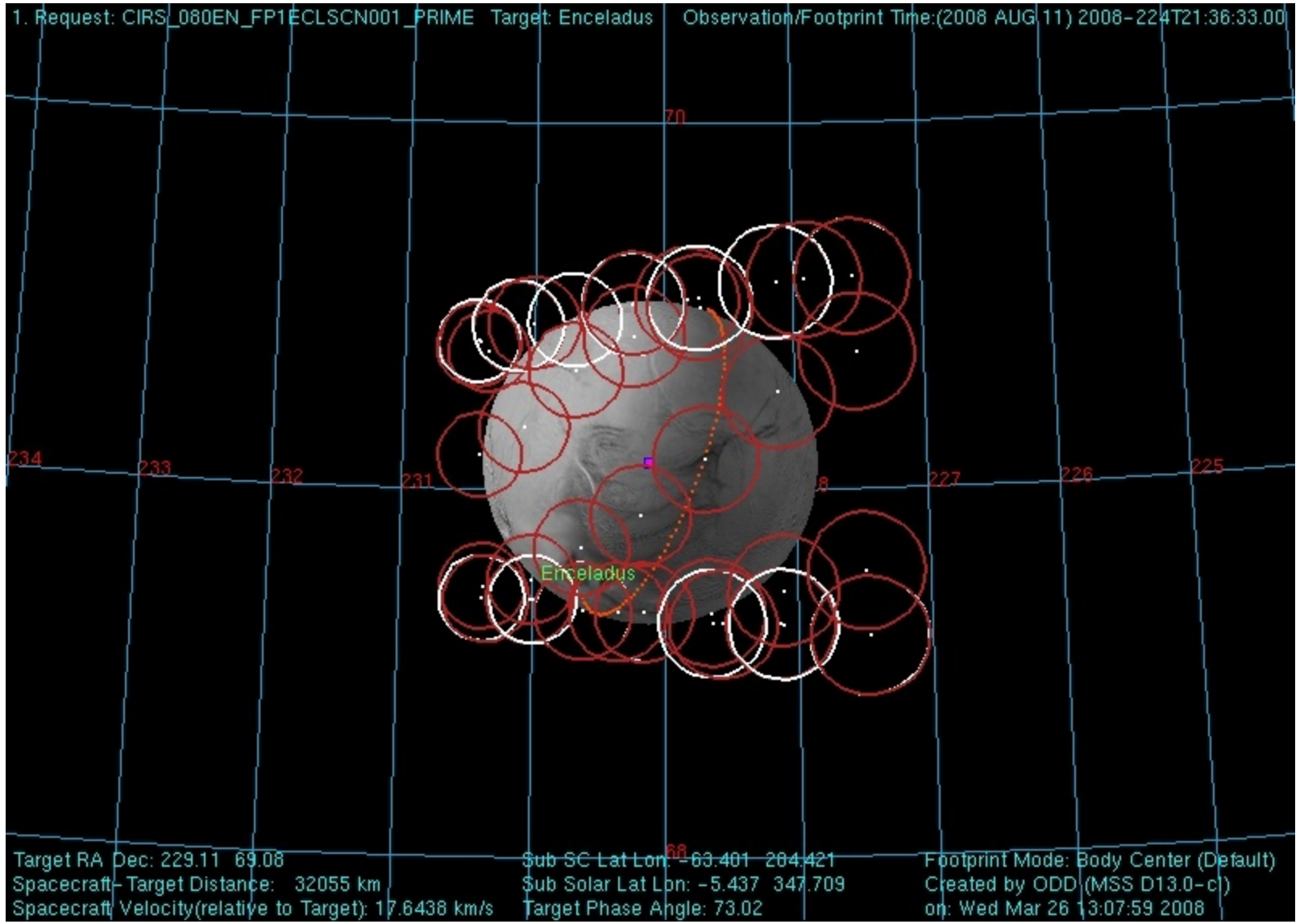


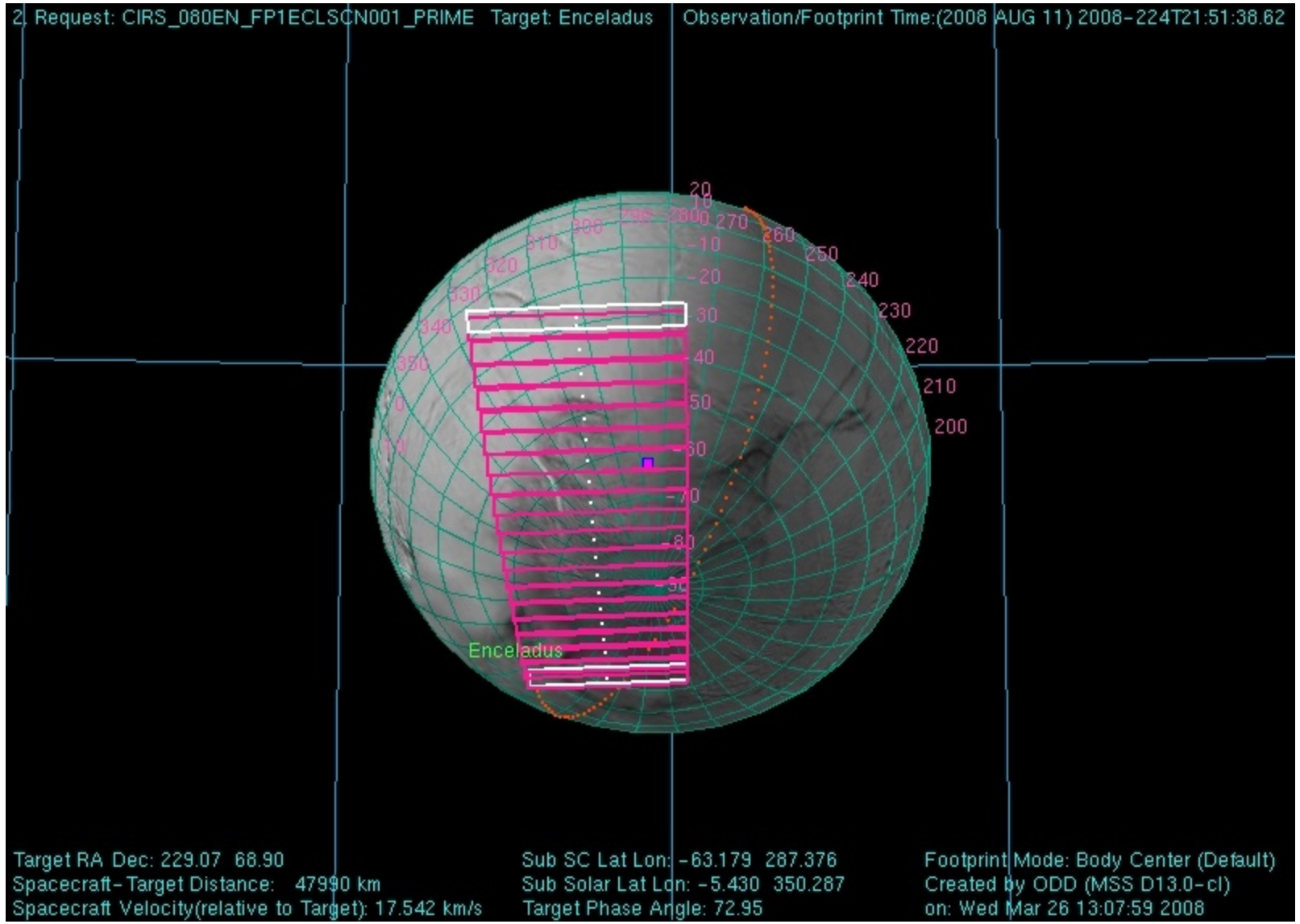
ISS_080EN_ENCEL001_VIMS

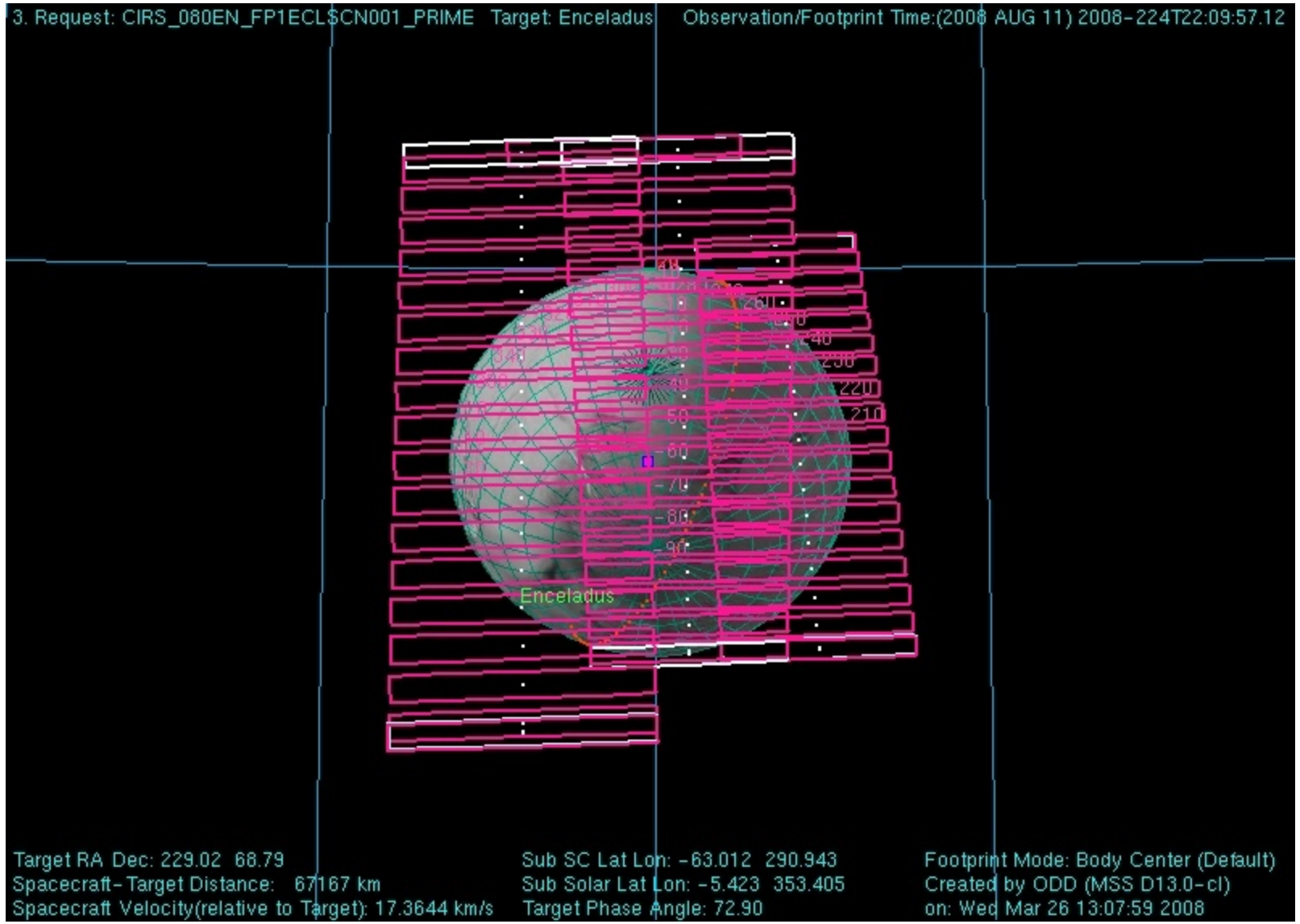


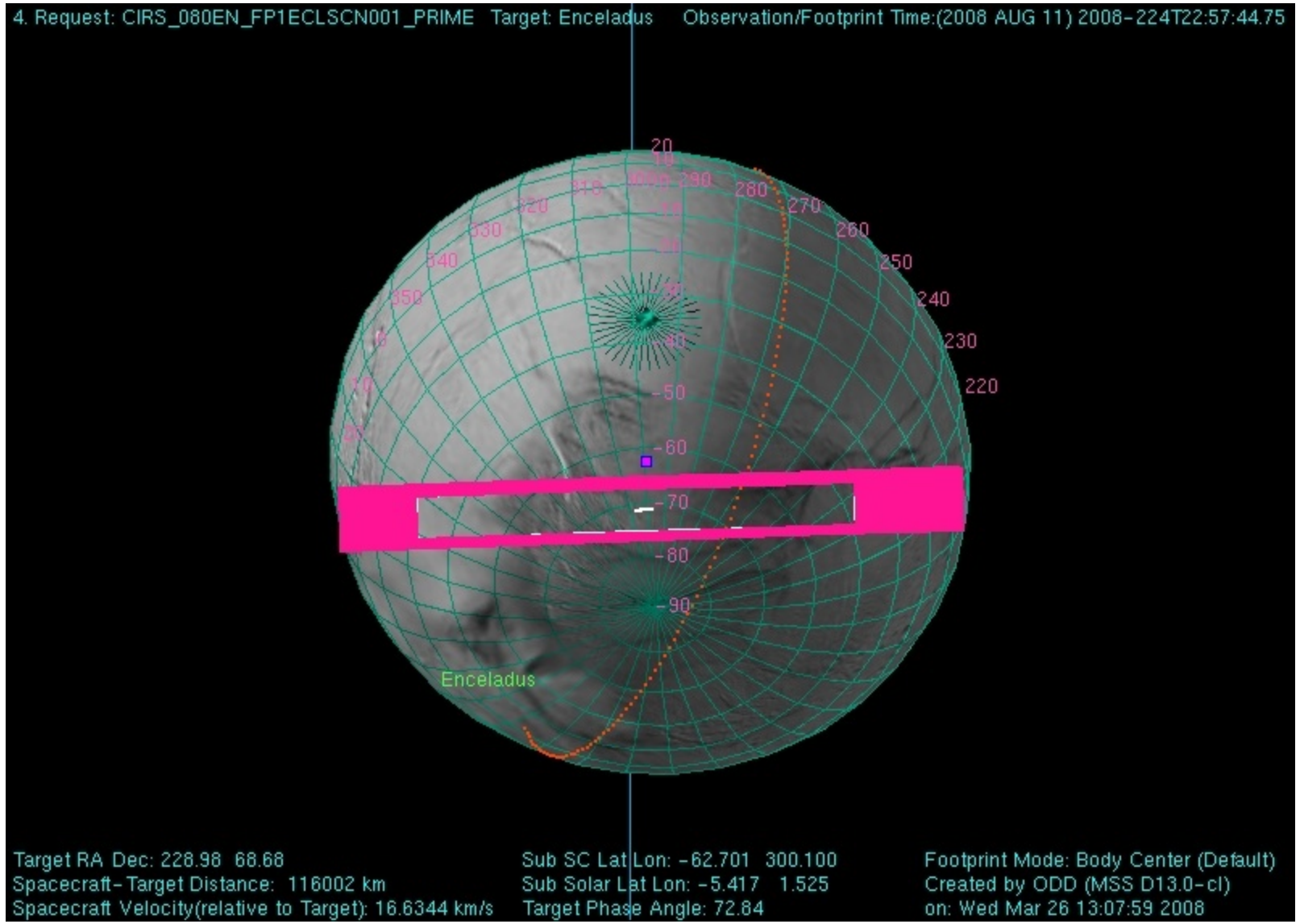


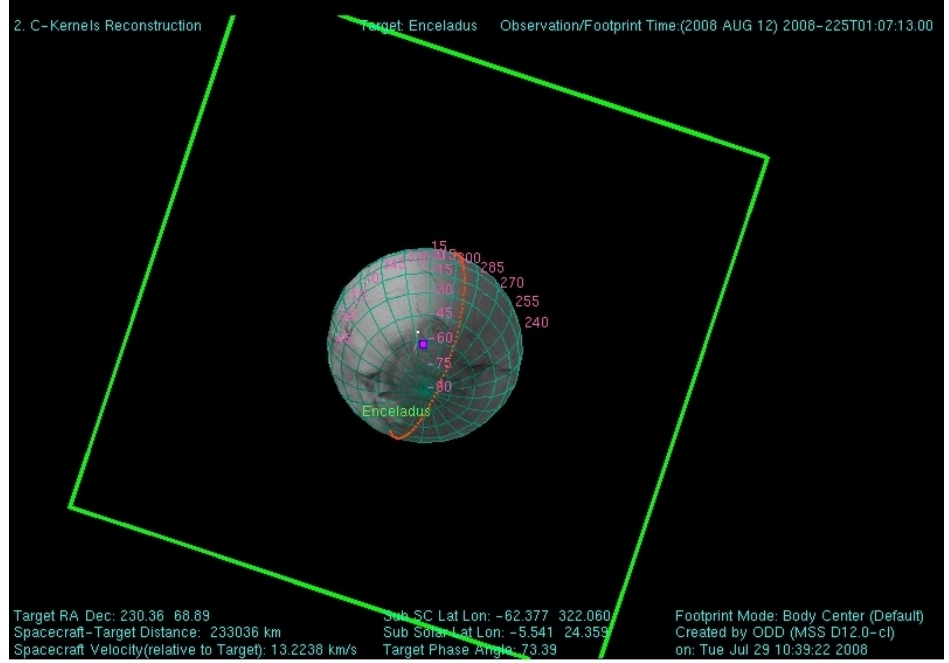
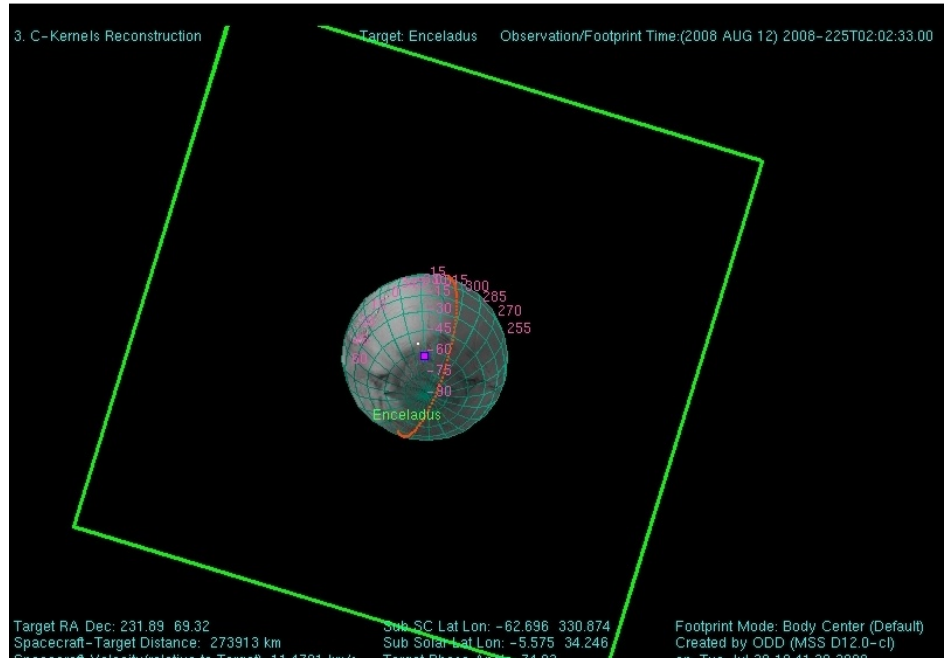

4. Request: ISS_080EN_ENCELCA001_PRIME
Target: Enceladus
Observation/Footprint Time:(2008 AUG 11) 2008-224T21:11:07.50
Target RA Dec: 229.48 71.94
Spacecraft-Target Distance: 5072 km
Spacecraft Velocity(relative to Target): 17.7231 km/s
Sub SC Lat Lon: -66.279 279.417
Sub Solar Lat Lon: -5.453 343.350
Target Phase Angle: 74.11
Footprint Mode: Body Surface (Lat_Lon)
Created by ODD (MSS D12.1.1-cl)
on: Thu Mar 6 22:51:12 2008


1. Request: CIRS_080EN_FP1ECLSCN001_PRIME Target: Enceladus Observation/Footprint Time:(2008 AUG 11) 2008-224T21:36:33.00
70
234
233
232
231
227
226
225
Enceladus
68
Target RA Dec: 229.11 69.08
Spacecraft-Target Distance: 32055 km
Spacecraft Velocity(relative to Target): 17.6438 km/s
Sub SC Lat Lon: -63.401 284.421
Sub Solar Lat Lon: -5.437 347.709
Target Phase Angle: 73.02
Footprint Mode: Body Center (Default)
Created by ODD (MSS D13.0-c)
on: Wed Mar 26 13:07:59 2008


2 Request: CIRS_080EN_FP1ECLSCN001_PRIME Target: Enceladus
Observation/Footprint Time:(2008 AUG 11) 2008-224T21:51:38.62
Enceladus
Target RA Dec: 229.07 68.90
Spacecraft-Target Distance: 47990 km
Spacecraft Velocity(relative to Target): 17.542 km/s
Sub SC Lat Lon: -63.179 287.376
Sub Solar Lat Lon: -5.430 350.287
Target Phase Angle: 72.95
Footprint Mode: Body Center (Default)
Created by ODD (MSS D13.0-cl)
on: Wed Mar 26 13:07:59 2008


3. Request: CIRS_080EN_FP1ECLSCN001_PRIME Target: Enceladus
Observation/Footprint Time:(2008 AUG 11) 2008-224T22:09:57.12
Enceladus
Target RA Dec: 229.02 68.79
Spacecraft-Target Distance: 67167 km
Spacecraft Velocity(relative to Target): 17.3644 km/s
Sub SC Lat Lon: -63.012 290.943
Sub Solar Lat Lon: -5.423 353.405
Target Phase Angle: 72.90
Footprint Mode: Body Center (Default)
Created by ODD (MSS D13.0-cl)
on: Wed Mar 26 13:07:59 2008


4. Request: CIRS_080EN_FP1ECLSCN001_PRIME Target: Enceladus Observation/Footprint Time:(2008 AUG 11) 2008-224T22:57:44.75
20
290
280
270
260
250
240
230
220
-50
-60
-70
-80
-90
Enceladus
Target RA Dec: 228.98 68.68
Spacecraft-Target Distance: 116002 km
Spacecraft Velocity(relative to Target): 16.6344 km/s
Sub SC Lat Lon: -62.701 300.100
Sub Solar Lat Lon: -5.417 1.525
Target Phase Angle: 72.84
Footprint Mode: Body Center (Default)
Created by ODD (MSS D13.0-cl)
on: Wed Mar 26 13:07:59 2008



ISS_080EN_ENCEL002_VIMS - beg to end