CIMS
Cassini Information Management System

View   **Library**

Display

Request

Crit Diff

Relationships

Deliveries

Prime/Rider

Export

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Summary-Text

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Comments

View

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Help

This request revision is contained in a delivery and is frozen. Changes must be saved as a new revision.

Request Header   Description Observations Files Steps

ID:	RSS_091EN_GRAVITY001_PRIME		
Title:	RSS Enceladus' Gravity Field Experiment	Revision:	9
Rev Created:	07 Apr 2008, 23:03, by Anabtawi, Aseel	Priority:	1
Updated:	07 Apr 2008, 23:05, by Anabtawi, Aseel	Comments:	0
Start Time:	2008-305T05:05:00 GMT		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T02:30:00		
End Time:	2008-305T07:35:00 GMT		
Change:	Revision 7 Updated End Time, Changed Request Name		

Change Justification:	Revision2, 2/27/08, Update Opmode: RSS was using "RSS Warm-up" in CIMS for RSSK requests because RSSK was not an option in the "Op Mode" pull-down menu. RSSK was recently added, so the opmode was updated to show RSSK. -Aseel
	Revision 3, 3/31/08 Changed from "PRIME" to "RIDER". SP will be prime since they will be doing the downlink. Changed made by Amanda request, on 3/31/08. Revision 4, 3/31/08 Changed SPASS Type to SPASS Rider per Amanda's request that same day.
	Changed times. Due to new reference trajectory 070918. Nicole
	Revision 5, April 3, 2008. Changed times per Amanda's request to put the times in agreement with 091EN Master Timeline. - Nicole
	Revision 6, Changed times again per Amanda e-mail.
	Changed times. Due to new reference trajectory 070918. Nicole
	Revision 7, 4/7/08, Update End Time, Change Request Name: Updated end time to match end of downlink, so changed from 072500 to 073500, Also, changed request name back to PRIME. -Aseel
Visibility:	Public
SPASS Type:	SPASS Rider (Collaborative: No)
Group Filter:	SOST
Contact Info:	
Description:	Experiment to determine Enceladus's mass, and infer constraints on its internal structure.

Request Description   Header Observations Files Steps

Pointing Information	
Pointing:	Primary axis = KABAND to earth, secondary axis free
Agreement:	
Primary Pointing:	XBAND to Earth
Secondary Pointing:	

Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSSK	Telem Mode:	-
Power (watts):	81.1	Est CDS Words:	200
Rate Multiplier:	0	APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0×10^6 bits

Frames:	0		Bits Per Frame:	0
Team Consumables:				
IEB Text:				

Apgen Fields

Activity Type:	RSS_Activity			
Attributes			Parameters	
Legend:	RSS		CDSWords:	200
Duration:	000T02:30:00		Power:	81.1
Color:	Khaki		SSRDataClass:	Normal
Pattern:	3 - Narrow Right Diagonal Lines			
Description:	see above			

Green items are request fields shown here for clarity

Support and Other Descriptive Information

Liens:	None
Waivers:	None
RTC:	None
FSW Loads:	No flight software.
ITL Request:	None.
Special DSN Requirements:	DSN station with Ka-band downlink capability.
Special Requirements:	1. Thermal stabilization of the RFIS bay. 2. Attitude control on reaction wheels. 3. Quiet spacecraft (TBD).
Support Imaging Required:	None
Document References:	None
As Flown:	

SASF Fields

Processor:	SEQ
Key:	RSS
Workgroup:	MSS_SEQGEN
Status:	
Upper Label:	
Lower Label:	
Edit Group:	
Request State:	

Associated Observations   Header Description Files Steps

Last Updated	Observation	Rev	Cmts

Associated External Files   Header Description Observations Steps

File Name	Relative Path	Last Modified	File Size

Steps   Header Description Observations Files

Type	Label	Name	Offset	Off-Type