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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_141EN_KADOWN001_RSS	
Title:	GSE pass for Enceladus' gravity	Revision: 1
Rev Created:	19 Mar 2010, 22:41, by Anabtawi, Aseel	Priority: 2
Updated:	19 Mar 2010, 22:43, by Anabtawi, Aseel	Comments: 0
Start Time:	2010-333T02:36:00 GMT	
Pre Start	000T00:00:00	
Tolerance:		
Post Start	000T00:00:00	
Tolerance:		
Duration:	000T09:00:00	
End Time:	2010-333T11:36:00 GMT	
Change:	created from copy	
Change Justification:		
Visibility:	Public	
SPASS Type:	SPASS Rider (Collaborative: No)	
Group Filter:	SOST	
Contact Info:		
Description:	Additional downlink pass at Ka-band for Enceladus' gravity science and for improving locally Cassini orbit.	

Request Description [Header](#) [Observations](#) [Files](#) [Steps](#)

Pointing Information			
Pointing:	XBAND to Earth		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	PIC		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSSK	Telem Mode:	-
Power (watts):	38.7	Est CDS Words:	200
Rate Multiplier:		APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0 x 10 ⁶ bits
Frames:		Bits Per Frame:	
Team Consumables:	Ka-TWTA and KEX on at start; off at end. KAT thermal cycles incurred=0.2500		
IEB Text:			
Apgen Fields			
Activity Type:	RSS Activity		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200
Duration:	000T09:00:00	Power:	38.7
Color:	Hot Pink	SSRDataClass:	Normal
Pattern:	60 - Large Pinwheels		

Description: [see above](#)

Green items are request fields shown here for clarity

Support and Other Descriptive Information

Liens:

Waivers:

RTC:

FSW Loads:

ITL Request:

Special DSN Requirements: The Ka-band station is for a shadow pass of DSS-63. DSS-55 required in addition, to acquire Ka-band. The DSS-63 station is required for telemetry downlink, and for X-band uplink and ranging. The Ka-band station shall receive two simultaneous downlinks at X-band and Ka-band, both coherent with the X-band uplink from DSS-63.

Special Requirements: This activity will need to start with the RSS PIM Warm-Up (RSSP_RWAF) Op Mode, and be followed 5 minutes later with the RSS Ka-frequency Op Mode (RSSK, SLOW an option). IO-RS Ops should be consulted, along with the integrated and approved activities TOL, before SASF generation.

Support Imaging Required:

Document References:

As Flown:

SASF Fields

Processor:

Key:

Workgroup:

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