

Main Observations Requests Deliveries Transfer Help Logout

Library

View

Display	
Request	
<u>Crit Diff</u>	
Relationships	
<u>Deliveries</u>	
Prime/Rider	
Export	
<u>XML</u>	đ
<u>Summary-</u>	ď
<u>Text</u> APF	٦
Comments	
<u>View</u>	
<u>Add</u>	
Page	
Legend	
<u>Help</u>	

This request revision is contained in a delivery and is frozen. Changes	s must be saved as a new revision.
Request Header	Description Observations Files Steps

Request Header		Description Observations Files Step
ID:	RSS_016DI_MASS002_PRIME	
Title:	RSS Dione Mass Determination	Revision: 6
Rev Created:	06 Jun 2005, 13:06, by <u>Rappaport, Nicole</u>	Priority: 1
Updated:	06 Jun 2005, 13:09, by <u>Rappaport, Nicole</u>	Comments: 0
Start Time:	2005-285T00:00:56 GMT	
Pre Start Tolerance:	000T00:00:00	
Post Start Tolerance:	000T00:00:00	
Duration:	000T04:27:00	
End Time:	2005-285T04:27:56 GMT	
Change:	Revision 5	
Change Justification:	Revision 1: Made consistent with SOST on 3/7 Revision 2: Per Amanda Hendrix request, on I Revision 3: Per SCR of May 17, 2005 Revision 4: Per CCR of May 27, 2005 (change Revision 5: No change made.	March 21, 2002.
Visibility:	Public	
SPASS Type:	SPASS Rider (Collaborative: No)	
Group Filter:		
Contact Info:		
Description:	This observation will be accomplished with co wings of the targeted flyby. Note that the outer which will complicate the data analysis. We will be pointed toward Earth. We expect to have K complexes, so we will use at least X-X and X-I Doppler and ranging data. The use of Ka-band stabilization, during which other instruments c spacecraft must be controlled by the reaction v to the end of tracking (from -10 to +10 hours), a experiment will be interrupted to let other inve- requirement for a quiet spacecraft is to be deten late 2001.	wing has an Enceladus untargeted flyby ill track the spacecraft, so the HGA must a-band downlink capabilities at all the Ka, and Ka-Ka if possible. We will get d requires two hours of thermal an control the pointing. The attitude of th wheels from the beginning of the tracking even though the radio science stigations make observations. The

Request Description		Hea	der Observations Files Steps
Pointing Information			
Pointing:	Primary axis = KABAND to Earth. Se	econdary axis is free.	
Agreement:			
Primary Pointing:	XBAND to Earth (0.0,0.0,20.0 deg. offset)		
Secondary Pointing:	POS_X to NSP		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS3/RWA	Telem Mode:	-
Power (watts):	81.1	Est CDS Words:	200
Rate Multiplier:	0	APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	<b>0</b> x 10 <sup>6</sup> bits
Frames:	0	Bits Per Frame:	0
Team	Thermal cycling of the Ka-band Trar	nslator	

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Activity Type:       BSS Activity       Parameters         Legend:       RSS       CD SWords:       200         Duration:       000T04 27:00       Power:       81.1         Color:       Khaki       SSR DataClass:       Normal         Pattorn:       0 - Solid Color       Description:       see above         Green Items are request fields shown here for clarity       SSR DataClass:       Normal         Support and Other Description:       see above       SSR DataClass:       Normal         Requirems are request fields shown here for clarity       SSR DataClass:       Normal         Requirems are request fields shown here for clarity       SSR DataClass:       Normal         Requirements:       None       SSR DataClass:       SSR DataClass:       SSR DataClass:         RSW Loads:       No flight software.       SSR DataClass:       SSR Station with Ka-band downlink and, if possible, uplink capabilities - DSS-25 if possible.         Special DSN       DSN stations with Ka-band downlink and, if possible, uplink capabilities, with priority to Goldstone because of the tropospheric calibration capabilities, with priority to Goldstone because of the tropospheric calibration capabilities, with priority to Goldstone because of the tropospheric calibration capabilities, with priority to Goldstone because of the tropospheric calibration capabilities, with priority to Goldstone because of the tropospheric calibration capabilitis, with priori	IEB Text:			
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Color: Khaki SSRDataClass: Normal Pattern: 0 - Solid Color Description: see above Green items are recut fields shown here for clarity Gapport and Other Descriptive Information Liens: Enceladus on the outer wing. Waivers: None TC: None TC: None TC: None TC: None Special DSN No fight software. TL Request: None Special DSN DSN stations with Ka-band downlink and, if possible, uplink capabilities - DSS-25 if Requirements: 2) Atfluide control on reaction wheels. 3) DSN station with Ka-band downlink and, if possible, uplink capabilities, with priority to Goldstone because of the tropospheric calibration capability. 4) Quiet spacecraft - TBD Support Imaging Required: CCSSWG Report, PSG # 25 References: As Flow: SASF Fields Vordgroup: MSS_SEQGEN Status: Upper Label: Lower Label: Lower Label: Lower Label: Edit Group:	Legend:	RSS	CDSWords:	200
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Lower Label: Edit Group:	Status:			
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## Associated Observations

## Header Description Files Steps

Last Updated	Observation	Rev Cmts
07 Mar 2002, 13:32	RSS Dione Mass Determination	2 0

Heade	r Description Observati	ons Steps
Relative Path	Last Modified	File Size
SOP_Implementation/s15_s16/port3/official/ck/	05 Mar 2003, 17:53	1436kb
SOP_Implementation/s15_s16/port3/official/sfof/	05 Mar 2003, 17:52	23kb
SOP_Implementation/s15_s16/port3/prelim/ck/	03 Mar 2003, 17:58	1436kb
SOP_Implementation/s15_s16/port3/prelim/sfof/	03 Mar 2003, 17:57	23kb
	Relative Path SOP_Implementation/s15_s16/port3/official/ck/ <u>f</u> SOP_Implementation/s15_s16/port3/official/sfof/	SOP_Implementation/s15_s16/port3/official/ck/         05 Mar 2003, 17:53           f         SOP_Implementation/s15_s16/port3/official/sfof/         05 Mar 2003, 17:52           SOP_Implementation/s15_s16/port3/prelim/ck/         03 Mar 2003, 17:58

Туре	Label	Name	Offset	Off-Type