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

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ID:	RSS_273RI_PERIOCC001_PRIME		
Title:	RSS XRM Periapse Ring Occ	Revision:	6
Rev Created:	20 Sep 2016, 08:37, by Kelleher, Kathleen	Priority:	1
Updated:		Comments:	0
Start Time:	2017-129T05:25:00 GMT		
Pre Start	000T00:00:00		
Tolerance:			
Post Start	000T00:00:00		
Tolerance:			
Duration:	000T02:06:00		
End Time:	2017-129T07:31:00 GMT		
Change:	Revision5 Add ptg agreement		
Change Justification:	Revision5, 9/20/16, Add ptg agreement: Per MAPS TWT. -Kathleen		
	Revision4, 6/9/16, Add Secondary: Per MAPS CCR. -Aseel		
	Revision3, 6/3/16, Update Times: Per MAPS CCR. -Aseel		
	<p>Changed start and end times</p> <p>- as for all other ring occultations, a 30 m free-space baseline is now included, as well as a 20 m trajectory pad. The latter ensures that the occultation is completed in the RSS3 op-mode in spite of any traj shift.</p> <p>- Near-Periapse Ring Occultation on a (preliminary) allocated RSS gravity orbit.</p>		
Visibility:	Public		
SPASS Type:	Prime		
Group Filter:	RWG		
Contact Info:	Essam Marouf		
Description:	Close ring occultation conducted using TBD bands (TBD Op-mode). The op-mode is selected based on power constraints.		

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Pointing Information			
Pointing:	Primary axis=KABAND to Earth, secondary axis set by MAG		
Agreement:	Roll initiated in previous SP request.		
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	Rolling/SRU		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS3/RWA	Telem Mode:	-
Power (watts):	81.1	Est CDS Words:	50
Rate Multiplier:		APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0 x 10 ⁶ bits
Frames:		Bits Per Frame:	
Team Consumables:			
IEB Text:			

Apgen Fields			
Activity Type:	RSS Activity		
<u>Attributes</u>	<u>Parameters</u>		
Legend:	RSS	CDSWords:	50
Duration:	000T02:06:00	Power:	81.1
Color:	Khaki	SSRDataClass:	Normal
Pattern:	0 - Solid Color		
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:	At least one 70-m station at X- and S-band, and at least one 34-m station at X and Ka band. Additional stations if the station elevation angle drops below 30 degrees during the observation period.		
Special Requirements:	The spacecraft needs to be on reaction wheels during ring occultations, and other instruments may not control the primary pointing during the observation period.		
Support Imaging Required:			
Document References:			
As Flown:			
SASF Fields			
Processor:	SEQ		
Key:	RSS		
Workgroup:	MSS_SEQGEN		
Status:			
Upper Label:			
Lower Label:			
Edit Group:			
Request State:			

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Last Updated	Observation	Rev	Cmts

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File Name	Relative Path	Last Modified	File Size

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Type	Label	Name	Offset	Off-Type