



- Main
- Observations
- Requests
- Deliveries
- Transfer
- Help
- Logout

View Library

- Display**
- Request
- [Crit Diff](#)
- Relationships
- [Deliveries](#)
- [Prime/Rider](#)
- Export
- [XML](#)
- [Summary-Text](#)
- [APF](#)
- Comments
- [View](#)
- [Add](#)
- Page
- [Legend](#)
- [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_121SA_OCCORT001_RSS		
Title:	RSS Operational Readiness Test	Revision:	4
Rev Created:	16 Apr 2009, 14:35, by Anabtawi, Aseel	Priority:	2
Updated:	16 Apr 2009, 16:06, by Anabtawi, Aseel	Comments:	0
Start Time:	2009-320T16:36:00 GMT		
Pre Start	001T12:00:00		
Tolerance:			
Post Start	003T12:00:00		
Tolerance:			
Duration:	000T09:00:00		
End Time:	2009-321T01:36:00 GMT		
Change:	Revision3 Move from DOY 318 to DOY 320		
Change Justification:	<p>Revision3, 4/9/09, Move From DOY 318 to DOY 320: Moved from downlink on DOY 318 to downlink on DOY 320. Pass on DOY 318 was upgraded to 70-M so would require an additional BWG DSN pass for ORT. RSS can use BWG pass on DOY 320 instead and not request additional passes. -Aseel</p> <p>Revision2, 12/2/08, Move from DOY 317 to DOY 318: DOY 318 used to be the OTM prime pass, but OTM was moved and DOY 316 is now the prime pass and DOY 317 the back-up. Moved ORT to clear away from OTM prime and back-up passes. Aseel</p> <p>Revision1, 10/27/08, Edit Start Time & Update Opmode: Start 5 minutes later to align with beginning of downlink. Also, change Opmode to RSSK. Old Opmode was "RSS Warm-up" because RSSK was not option in the pull-down menu at the time the request was created. Aseel</p>		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SWG		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	RSS Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the Rev121 Saturn occultation on 2009/324 and the Rev122 Saturn occultation on 2009/343.		

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: DSS-34 required to obtain X- and Ka-band downlink data.

Special Requirements: This activity will need to start with the RSS PIM Warm-Up (RSSP_RWAF) Opmode, and be followed 5 minutes later with the RSS Ka-frequency Opmode (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