



14839 - Context Maps of Jupiter during Juno's MWR Orbits

Cycle: 24, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:20.0	yes
02	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:22.0	yes
03	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:24.0	yes
04	(1) JUPITER	S/C WFC3/UVIS	1	03-Jan-2017 21:03:26.0	yes
05	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:27.0	yes
06	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:29.0	yes
07	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:31.0	yes
08	(1) JUPITER	WFC3/UVIS	1	03-Jan-2017 21:03:33.0	yes

8 Total Orbits Used

ABSTRACT

We request VLA time during a world-wide campaign to provide ground-based support for the Juno mission. We specifically request three 9-hr tracks in the A configuration during Juno orbits that are dedicated to observations with the Microwave Radiometer (MWR). With the VLA we will construct longitude-resolved maps at X-band. Significant advances can be achieved by combining such VLA maps with the Juno MWR data: i) the VLA maps trace vertical flows on regional to global scales, ii) the VLA maps can provide context for narrow Juno radiometry swaths, and iii) Juno's MWR can extend the VLA observations to deeper levels, since the spacecraft will fly inside Jupiter's radiation belts.

We request 8 orbits to obtain full coverage of the entire globe, necessary for morphological comparison, and to retrieve the vertical distribution of clouds and hazes in Jupiter's atmosphere via RT modeling. Although the VLA data by themselves are most valuable, the scientific value will be considerably enhanced by adding simultaneous HST data.

OBSERVING DESCRIPTION

TIMING: Four orbits provide near-global coverage of Jupiter for each epoch of VLA observations. These VLA observing tracks are (UT):

Jan. 11, 2017: 8:20 - 17:20

Jan. 23, 2017: 7:30 - 16:30

SUBARRAYS: Subarrays are used to reduce buffer dumps. Jupiter's diameter is $< 38''$, so we use 1K subarrays.

DITHERING: Jupiter's rotation blurs the image by about 1 pixel in a 12-sec exposure. So for filters requiring long exposure times, we try to take multiple frames to reduce rotational blurring. We do not dither frames to improve PSF sampling; instead, we let the planet's rotation dither the map data for us.

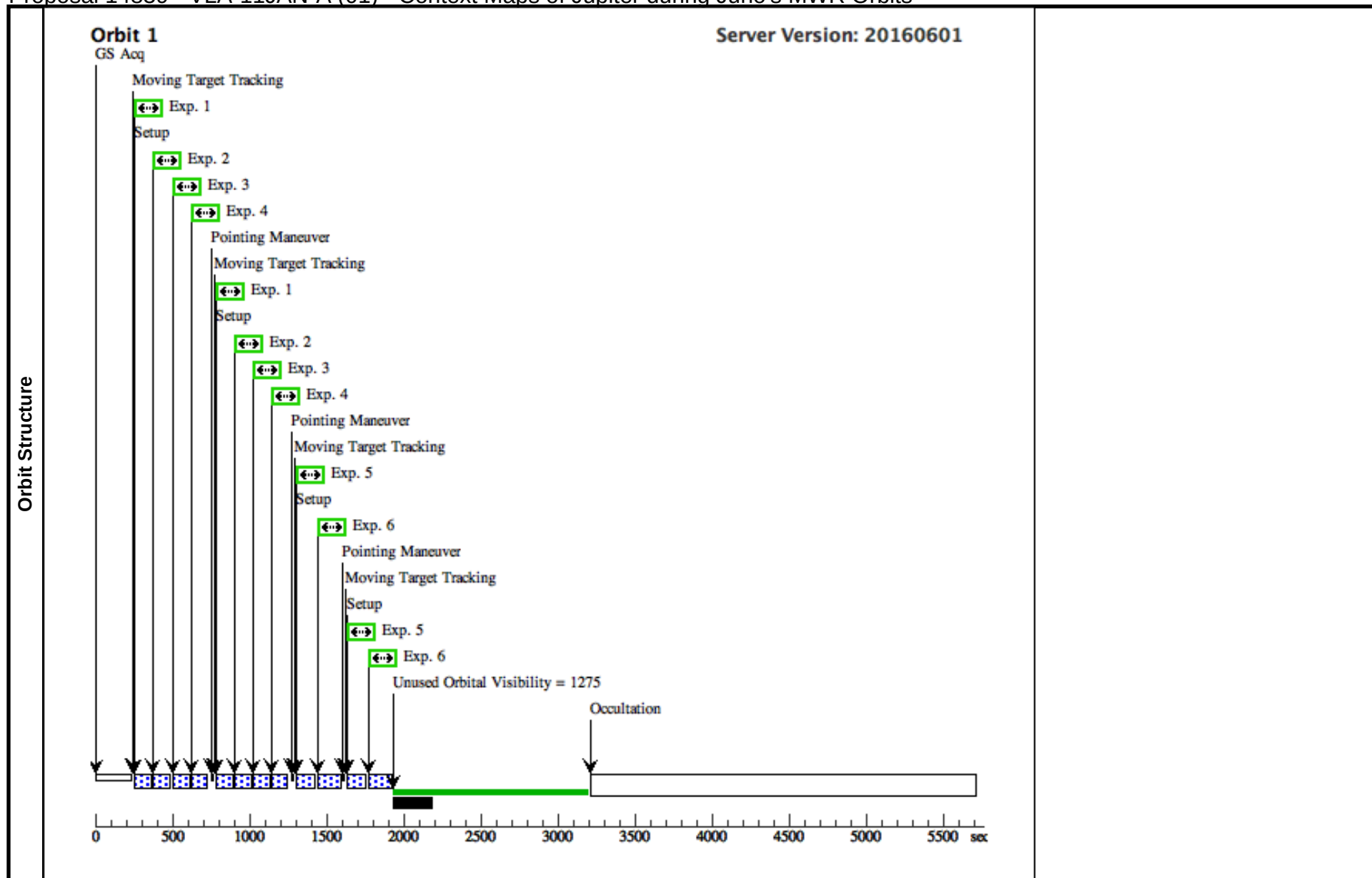
FLASH: We do not use pre-flash because the target is extended and PSF wings create a halo of light around the target. This serves the same purpose as flash.

Proposal 14839 - VLA-11JAN-A (01) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-A (01), scheduled Wed Jan 04 02:03:34 GMT 2017					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none) Comments: The VLA observing track runs from Jan 11 UT 8:20-17:20. This visit is constrained so that the sequence includes at least 3 orbits of overlap with the VLA track. Ideal start time for this visit is Jan 11, UT 07:00 to 09:45.					
Diagnostics	(F631N (01.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (01.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (01.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (01.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (01.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (01.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-4), (5-6)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			EARTH
Comments: Extended=YES						

Proposal 14839 - VLA-11JAN-A (01) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-A (01) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-A (01) (2)	9 Secs (18 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-A (01) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-A (01) (2)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 5-6 in Same Guide Stars in VLA-11JAN-A (01) (2)	15 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-A (01) Pattern 2, Exps 5-6 in Same Guide Stars in VLA-11JAN-A (01) (2)	50 Secs (100 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



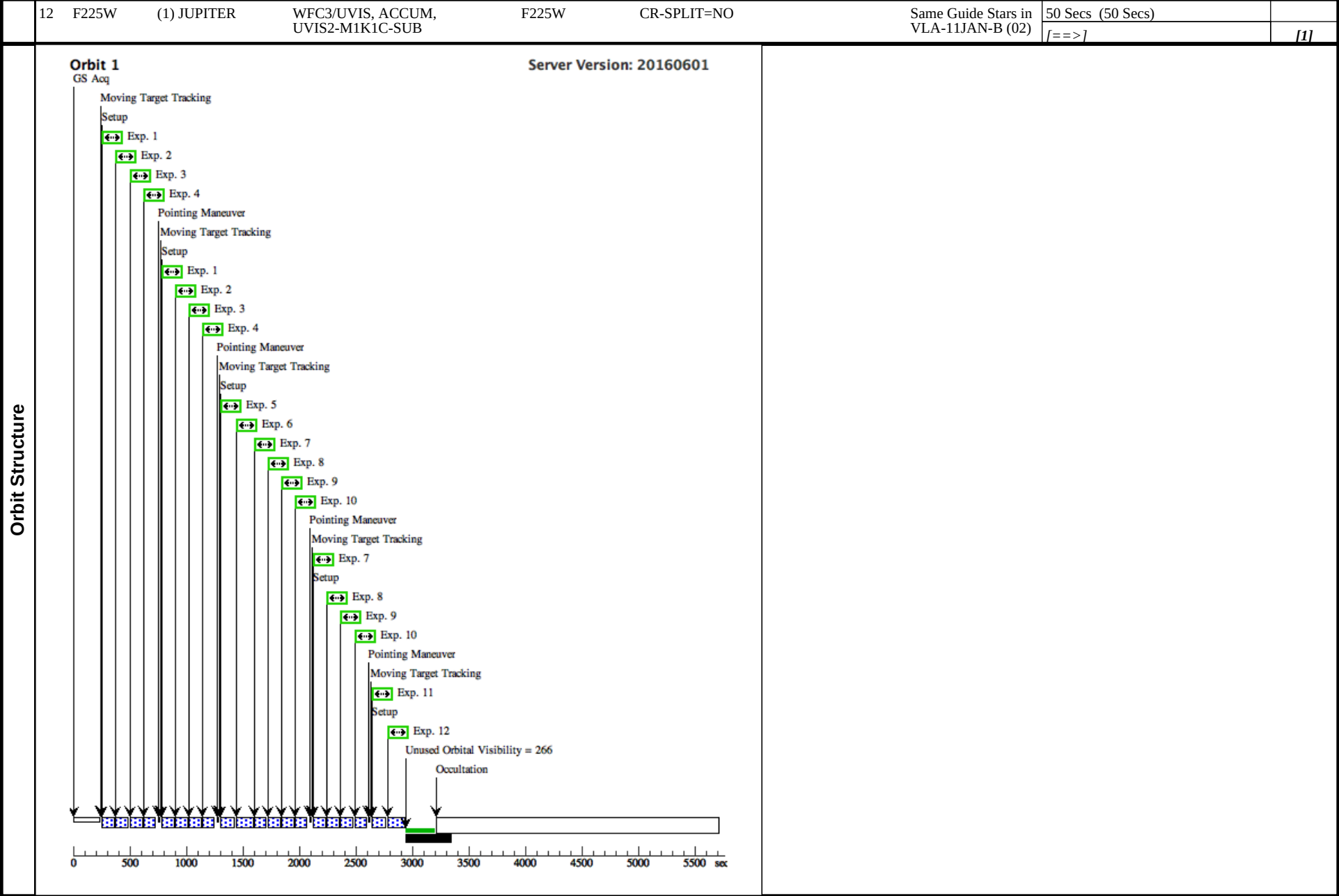
Proposal 14839 - VLA-11JAN-B (02) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-B (02), scheduled Wed Jan 04 02:03:35 GMT 2017					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-JAN-2017:12:00:00 AND 11-JAN-2017:13:45:00					
Diagnostics	(F631N (02.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (02.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (02.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (02.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (02.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (02.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F631N (02.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (02.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (02.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (02.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (02.011)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (02.012)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-4), (7-10)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			EARTH
Comments: Extended=YES						

Proposal 14839 - VLA-11JAN-B (02) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-B (02) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-B (02) (2)	9 Secs (18 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-B (02) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 1-4 in Same Guide Stars in VLA-11JAN-B (02) (2)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02)	15 Secs (15 Secs) [==>]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02)	50 Secs (50 Secs) [==>]	[1]
	7	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 7-10 in Same Guide Stars in VLA-11JAN-B (02) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 7-10 in Same Guide Stars in VLA-11JAN-B (02) (2)	9 Secs (18 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 7-10 in Same Guide Stars in VLA-11JAN-B (02) (2)	4 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02) Pattern 2, Exps 7-10 in Same Guide Stars in VLA-11JAN-B (02) (2)	6 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-B (02)	15 Secs (15 Secs) [==>]	[1]

Proposal 14839 - VLA-11JAN-B (02) - Context Maps of Jupiter during Juno's MWR Orbits

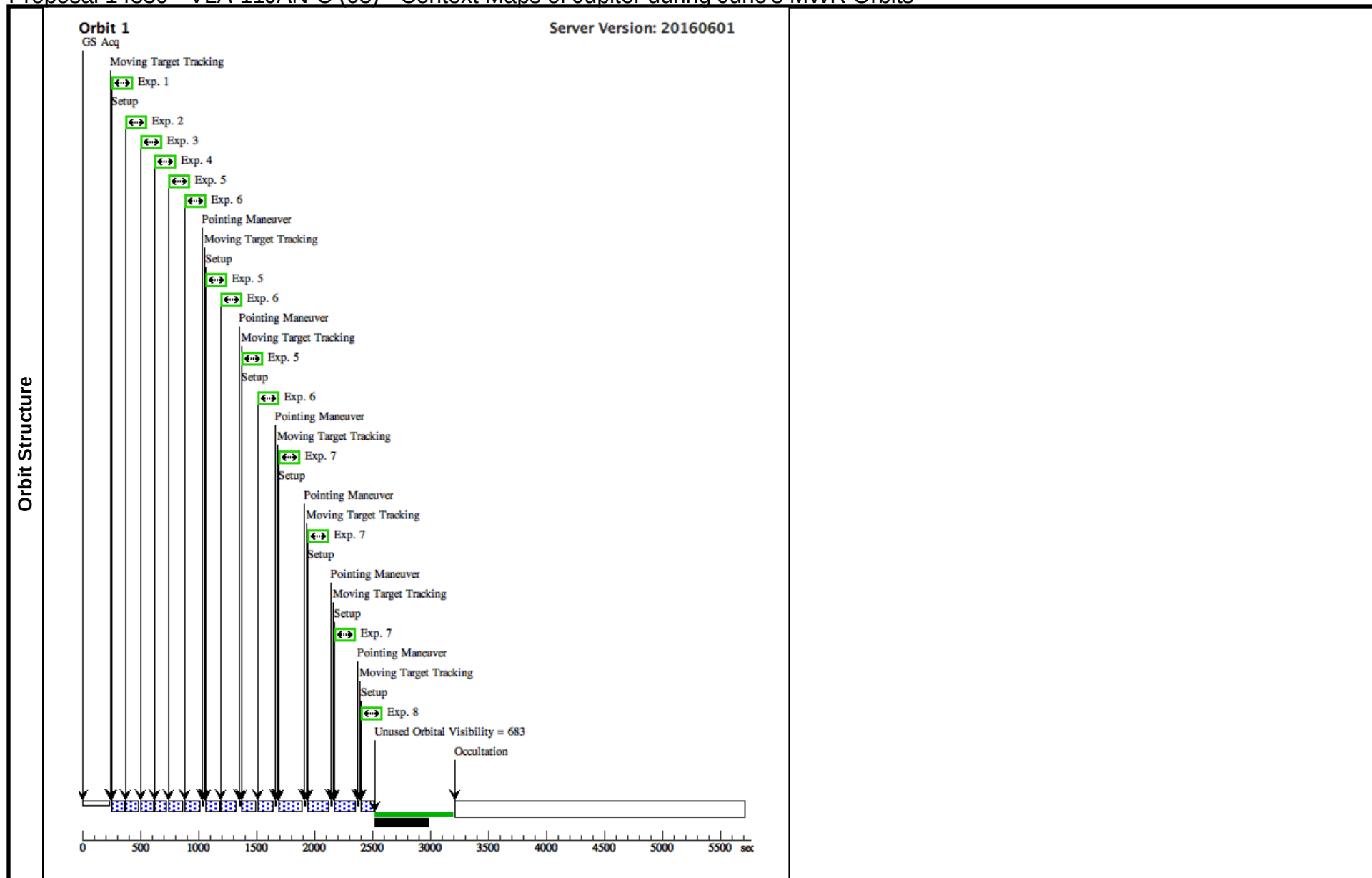


Proposal 14839 - VLA-11JAN-C (03) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-C (03), scheduled					Wed Jan 04 02:03:35 GMT 2017
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS					
	Special Requirements: BETWEEN 11-JAN-2017:15:00:00 AND 11-JAN-2017:16:00:00					
Diagnostics	(F631N (03.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F395N (03.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F502N (03.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F343N (03.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F275W (03.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	(F225W (03.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(FQ889N_quadA (03.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.					
	(FQ889N_quadA (03.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F631N (03.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern			Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(5-6), (7)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			
Solar System Targets	Comments: Extended=YES					
Solar System Targets						
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Proposal 14839 - VLA-11JAN-C (03) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-C (03)	4 Secs (4 Secs)	
									[==>]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	9 Secs (9 Secs)	
									[==>]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	4 Secs (4 Secs)	
									[==>]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	6 Secs (6 Secs)	
									[==>]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	13 Secs (39 Secs)	
								Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-C (03) (1)	[==>(Pattern 1)]	
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	35 Secs (105 Secs)	
								Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-C (03) (1)	[==>(Pattern 1)]	
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	[1]
	7	FQ889N_quadA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Same Guide Stars in VLA-11JAN-C (03)	15 Secs (45 Secs)	
								Pattern 1, Exps 7-7 in Same Guide Stars in VLA-11JAN-C (03) (1)	[==>(Pattern 1)]	
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	[1]
	8	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-C (03)	4 Secs (4 Secs)	
									[==>]	[1]

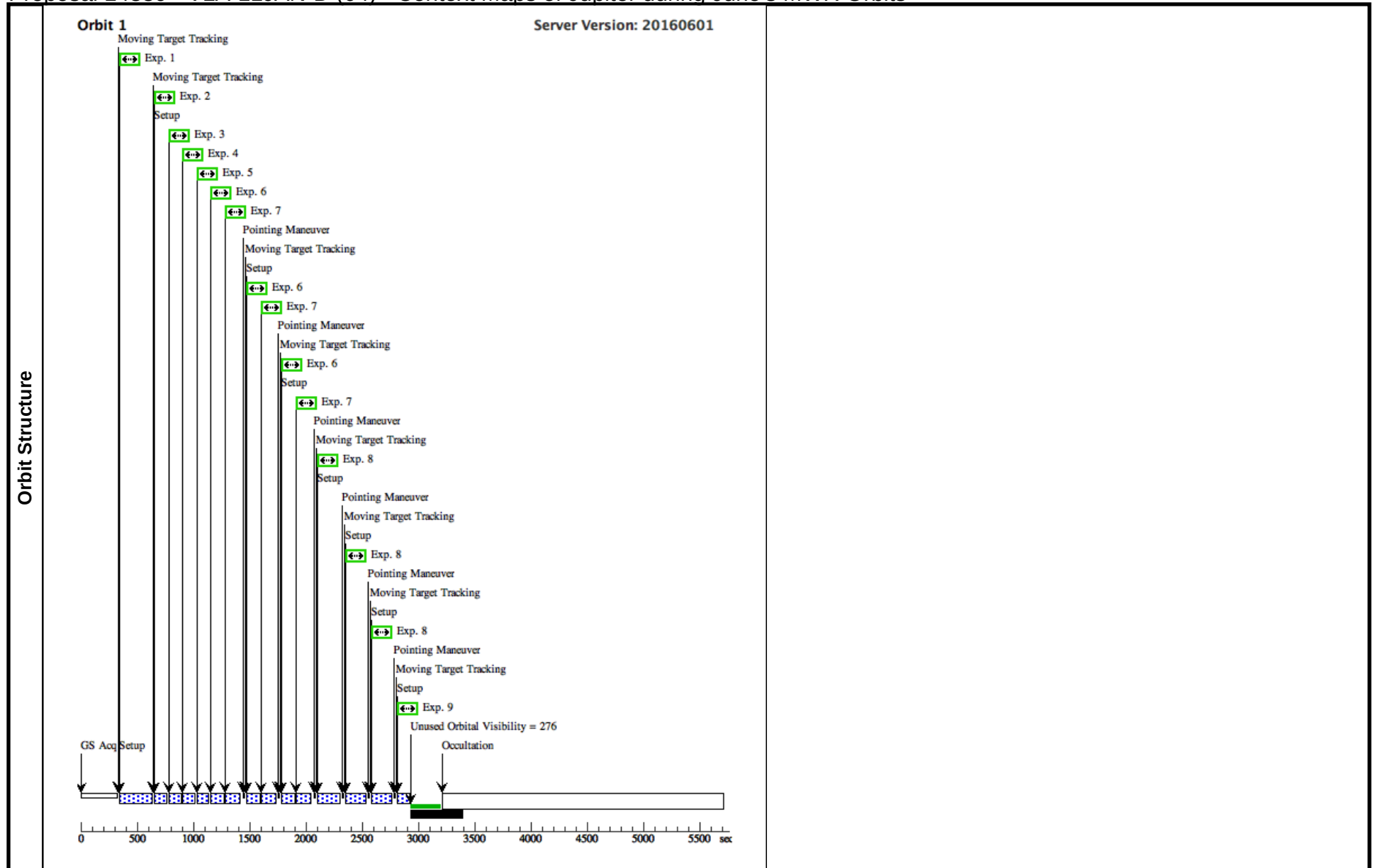


Proposal 14839 - VLA-11JAN-D (04) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-D (04), implementation					Wed Jan 04 02:03:35 GMT 2017
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS, S/C					
	Special Requirements: BETWEEN 11-JAN-2017:16:40:00 AND 11-JAN-2017:17:30:00					
Diagnostics	(F631N (04.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F395N (04.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F502N (04.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F343N (04.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F275W (04.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F225W (04.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(FQ889N_quadA (04.008)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.					
	(FQ889N_quadA (04.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
	(F631N (04.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern			Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=				(6-7), (8)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			
	Comments: Extended=YES					

Proposal 14839 - VLA-11JAN-D (04) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) JUPITER	S/C, POINTING, V1			POS TARG 0.4051,-34.0013; GS ACQ SCENARI O BASE1B3		300 Secs (300 Secs) [==>]	[1]
	2	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	NEW ALIGNMENT		4 Secs (4 Secs) [==>]	[1]
	3	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO			9 Secs (9 Secs) [==>]	[1]
	4	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO			4 Secs (4 Secs) [==>]	[1]
	5	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO			6 Secs (6 Secs) [==>]	[1]
	6	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Pattern 1, Exps 6-7 i n VLA-11JAN-D (04) (1)	13 Secs (39 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Pattern 1, Exps 6-7 i n VLA-11JAN-D (04) (1)	35 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	8	FQ889N_qu adA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Pattern 1, Exps 8-8 i n VLA-11JAN-D (04) (1)	15 Secs (45 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	9	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO			4 Secs (4 Secs) [==>]	[1]

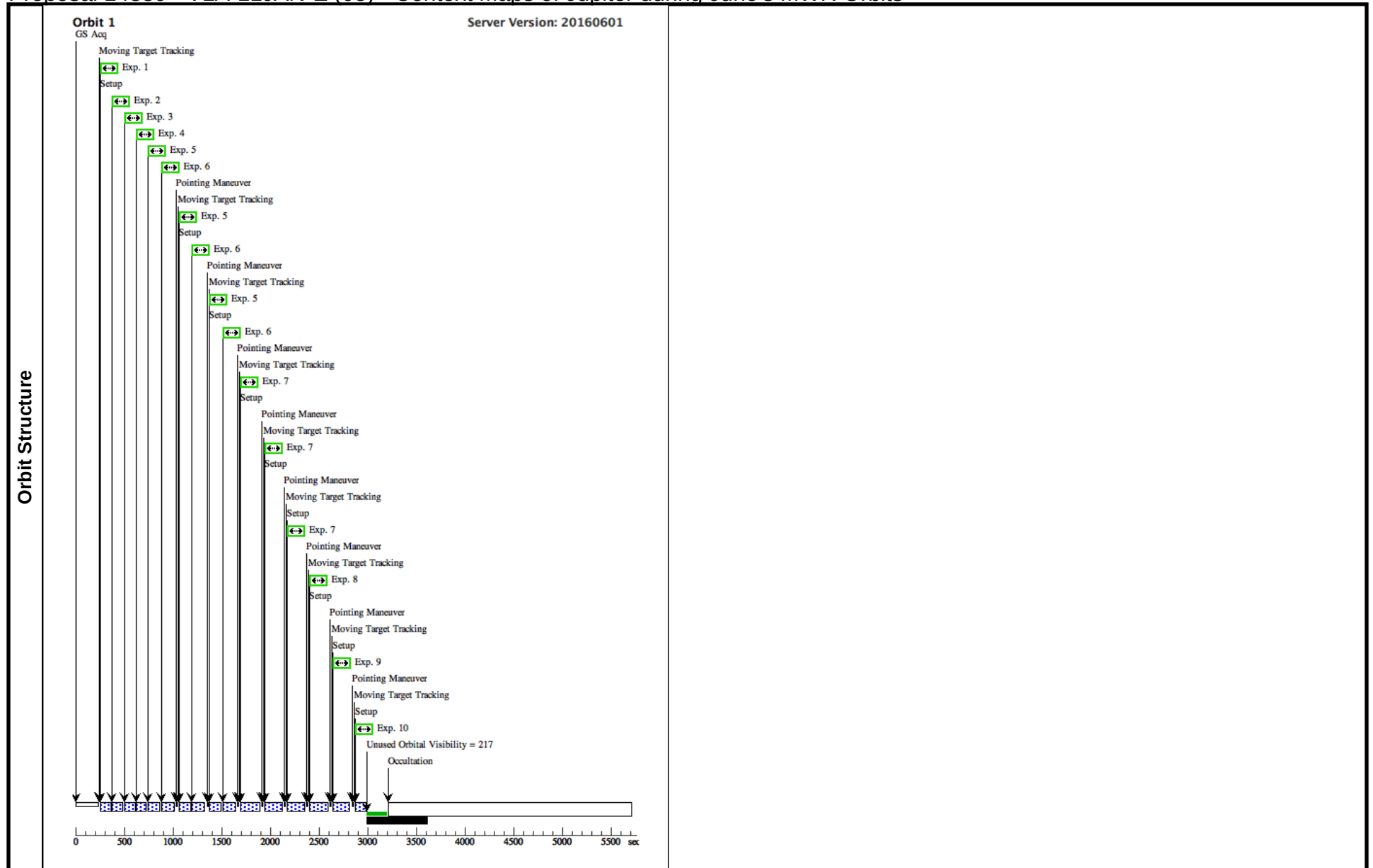


Proposal 14839 - VLA-11JAN-E (05) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-E (05), scheduled Wed Jan 04 02:03:35 GMT 2017					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-JAN-2017:18:15:00 AND 11-JAN-2017:19:10:00					
Diagnostics	(F631N (05.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (05.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (05.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (05.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (05.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (05.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889N_quadA (05.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889N_quadA (05.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (FQ750N_quadB (05.008)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (FQ750N_quadB (05.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (05.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (05.009)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (F631N (05.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(5-6), (7)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			EARTH
Comments: Extended=YES						

Proposal 14839 - VLA-11JAN-E (05) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-E (05)	4 Secs (4 Secs) [==>]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05)	9 Secs (9 Secs) [==>]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05)	4 Secs (4 Secs) [==>]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05)	6 Secs (6 Secs) [==>]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-E (05) (1)	13 Secs (39 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-E (05) (1)	35 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	FQ889N_quadA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Same Guide Stars in VLA-11JAN-E (05) Pattern 1, Exps 7-7 in Same Guide Stars in VLA-11JAN-E (05) (1)	15 Secs (45 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	8	FQ750N_quadB	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ750N	CR-SPLIT=NO	POS TARG -10,-10	Same Guide Stars in VLA-11JAN-E (05)	6 Secs (6 Secs) [==>]	[1]
	9	FQ727N_quadD	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,+10	Same Guide Stars in VLA-11JAN-E (05)	8 Secs (8 Secs) [==>]	[1]
	10	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-E (05)	4 Secs (4 Secs) [==>]	[1]

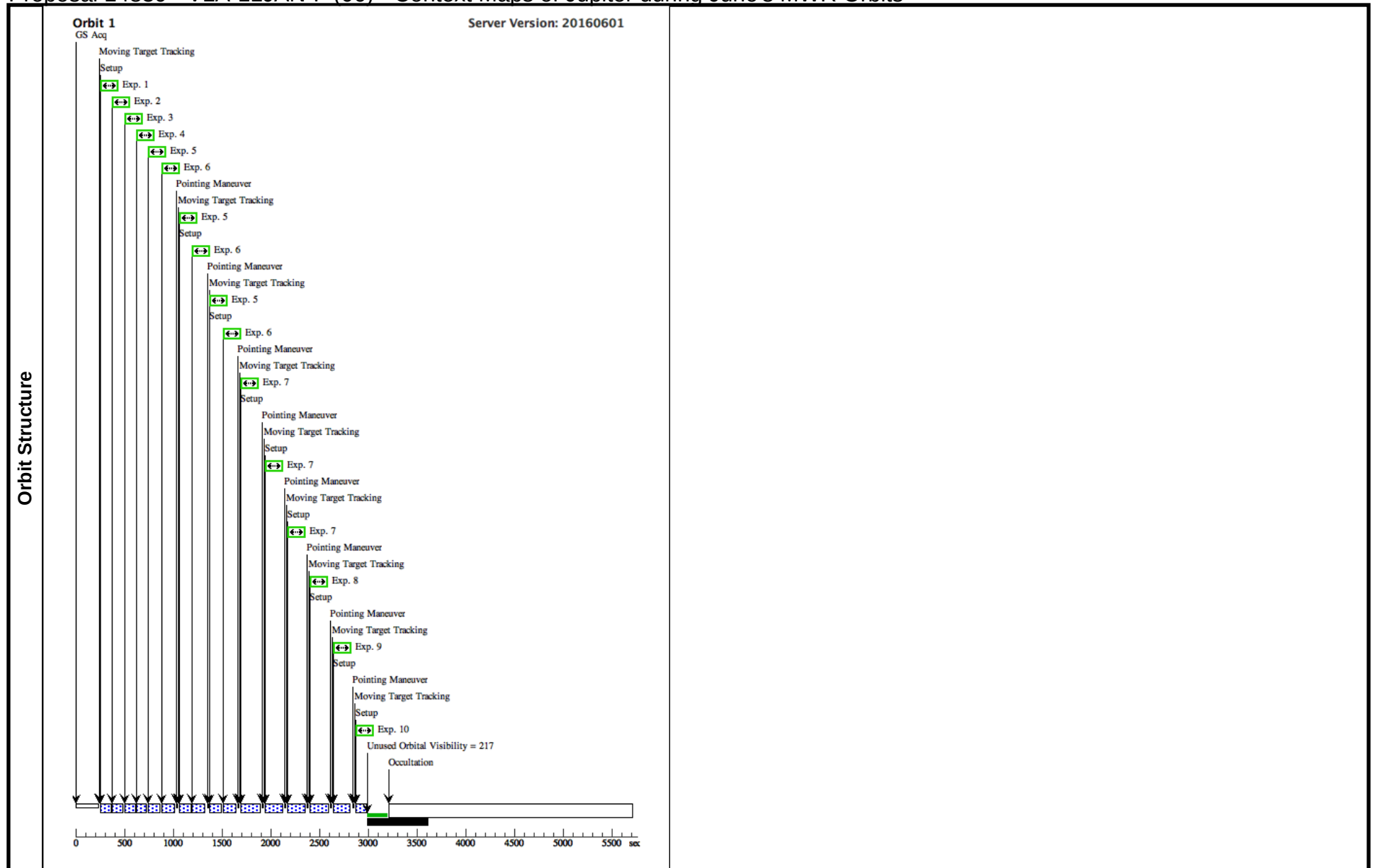


Proposal 14839 - VLA-11JAN-F (06) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-F (06), scheduled					Wed Jan 04 02:03:35 GMT 2017	
	Diagnostic Status: Warning						
	Scientific Instruments: WFC3/UVIS						
	Special Requirements: BETWEEN 11-JAN-2017:19:50:00 AND 11-JAN-2017:20:45:00						
Diagnostics	(F631N (06.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F395N (06.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F502N (06.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F343N (06.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F275W (06.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F225W (06.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(FQ889N_quadA (06.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(FQ889N_quadA (06.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(FQ750N_quadB (06.008)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(FQ750N_quadB (06.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns	(FQ727N_quadD (06.009)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(FQ727N_quadD (06.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F631N (06.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns	#	Primary Pattern			Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(5-6), (7)	
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center
	(1)	JUPITER	STD=JUPITER				EARTH
	Comments: Extended=YES						

Proposal 14839 - VLA-11JAN-F (06) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-F (06)	4 Secs (4 Secs)	
									[==>]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	9 Secs (9 Secs)	
									[==>]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	4 Secs (4 Secs)	
									[==>]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	6 Secs (6 Secs)	
									[==>]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	13 Secs (39 Secs)	
							Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-F (06) (1)	[==>(Pattern 1)]		[1]
								[==>(Pattern 2)]		
								[==>(Pattern 3)]		
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	35 Secs (105 Secs)	
							Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-F (06) (1)	[==>(Pattern 1)]		[1]
								[==>(Pattern 2)]		
								[==>(Pattern 3)]		
	7	FQ889N_quadA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Same Guide Stars in VLA-11JAN-F (06)	15 Secs (45 Secs)	
							Pattern 1, Exps 7-7 in Same Guide Stars in VLA-11JAN-F (06) (1)	[==>(Pattern 1)]		[1]
								[==>(Pattern 2)]		
								[==>(Pattern 3)]		
	8	FQ750N_quadB	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ750N	CR-SPLIT=NO	POS TARG -10,-10	Same Guide Stars in VLA-11JAN-F (06)	6 Secs (6 Secs)	
								[==>]		[1]
	9	FQ727N_quadD	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,+10	Same Guide Stars in VLA-11JAN-F (06)	8 Secs (8 Secs)	
								[==>]		[1]
	10	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-F (06)	4 Secs (4 Secs)	
								[==>]		[1]

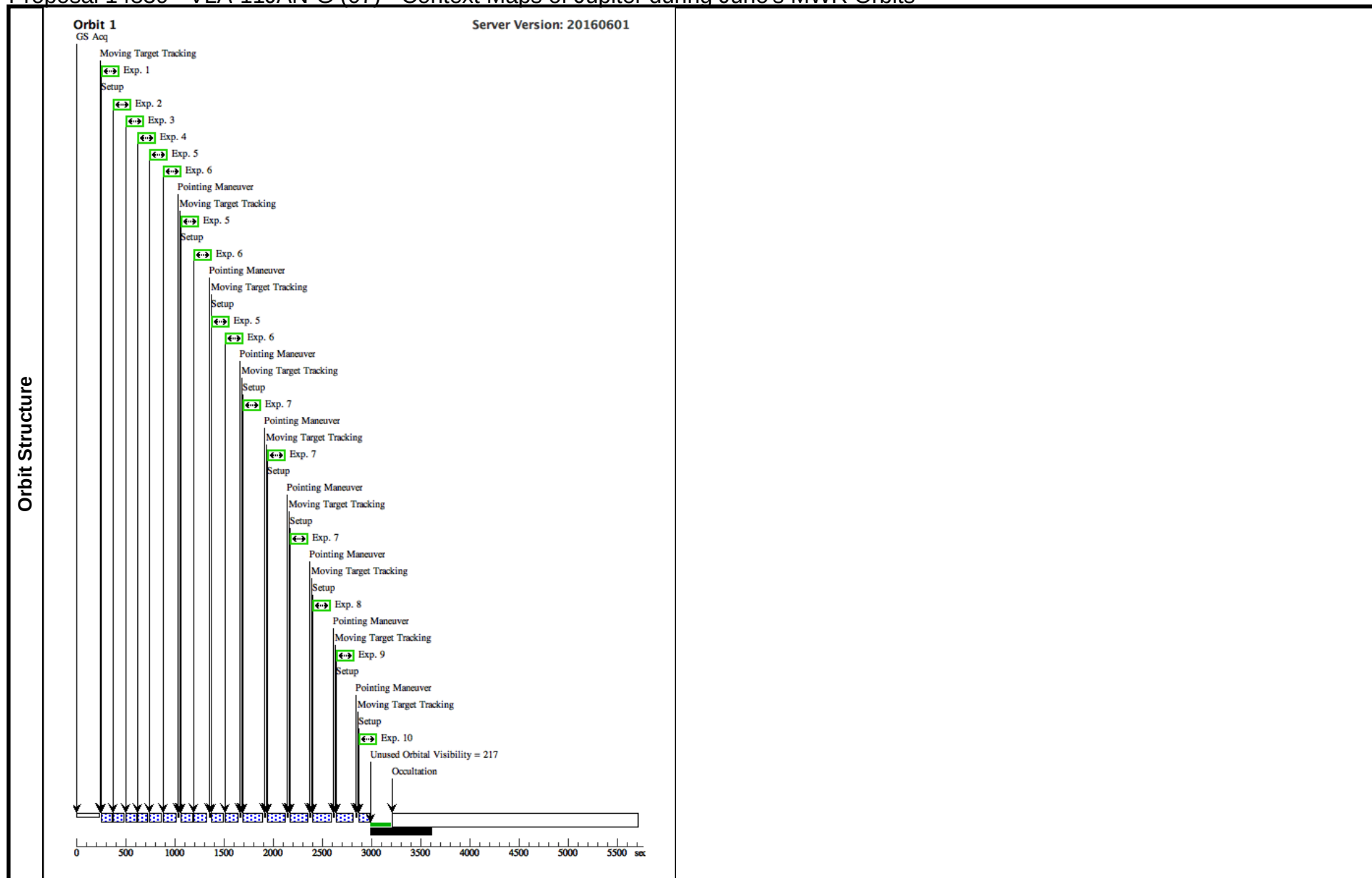


Proposal 14839 - VLA-11JAN-G (07) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-G (07), scheduled					Wed Jan 04 02:03:35 GMT 2017	
	Diagnostic Status: Warning						
	Scientific Instruments: WFC3/UVIS						
	Special Requirements: BETWEEN 11-JAN-2017:21:25:00 AND 11-JAN-2017:22:15:00						
Diagnostics	(F631N (07.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F395N (07.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F502N (07.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F343N (07.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F275W (07.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(F225W (07.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(FQ889N_quadA (07.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(FQ889N_quadA (07.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(FQ750N_quadB (07.008)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(FQ750N_quadB (07.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
Patterns	(FQ727N_quadD (07.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	(FQ727N_quadD (07.009)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.						
	(F631N (07.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser						
	#	Primary Pattern			Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(5-6), (7)	
	Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
(1)		JUPITER	STD=JUPITER				EARTH
Comments: Extended=YES							

Proposal 14839 - VLA-11JAN-G (07) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-G (07)	4 Secs (4 Secs) [==>]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07)	9 Secs (9 Secs) [==>]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07)	4 Secs (4 Secs) [==>]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07)	6 Secs (6 Secs) [==>]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-G (07) (1)	13 Secs (39 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-G (07) (1)	35 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	FQ889N_quadA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Same Guide Stars in VLA-11JAN-G (07) Pattern 1, Exps 7-7 in Same Guide Stars in VLA-11JAN-G (07) (1)	15 Secs (45 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	8	FQ750N_quadB	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ750N	CR-SPLIT=NO	POS TARG -10,-10	Same Guide Stars in VLA-11JAN-G (07)	6 Secs (6 Secs) [==>]	[1]
	9	FQ727N_quadD	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,+10	Same Guide Stars in VLA-11JAN-G (07)	8 Secs (8 Secs) [==>]	[1]
	10	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-G (07)	4 Secs (4 Secs) [==>]	[1]



Proposal 14839 - VLA-11JAN-H (08) - Context Maps of Jupiter during Juno's MWR Orbits

Visit	Proposal 14839, VLA-11JAN-H (08), scheduled Wed Jan 04 02:03:35 GMT 2017					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-JAN-2017:23:00:00 AND 12-JAN-2017:00:00:00; SEQ 07,08 WITHIN 2 Orbits					
Diagnostics	(F631N (08.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F395N (08.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F502N (08.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F343N (08.004)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W (08.005)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W (08.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ889N_quadA (08.007)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (FQ889N_quadA (08.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ750N_quadB (08.008)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (FQ750N_quadB (08.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (08.009)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (FQ727N_quadD (08.009)) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant. (F631N (08.010)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern		Secondary Pattern		Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(5-6), (7)
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window
	(1)	JUPITER	STD=JUPITER			EARTH
Comments: Extended=YES						

Proposal 14839 - VLA-11JAN-H (08) - Context Maps of Jupiter during Juno's MWR Orbits

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO	GS ACQ SCENARIO SINGLE	Same Guide Stars in VLA-11JAN-H (08)	4 Secs (4 Secs) [==>]	[1]
	2	F395N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F395N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08)	9 Secs (9 Secs) [==>]	[1]
	3	F502N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F502N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08)	4 Secs (4 Secs) [==>]	[1]
	4	F343N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F343N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08)	6 Secs (6 Secs) [==>]	[1]
	5	F275W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F275W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-H (08) (1)	13 Secs (39 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	6	F225W	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F225W	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08) Pattern 1, Exps 5-6 in Same Guide Stars in VLA-11JAN-H (08) (1)	35 Secs (105 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	FQ889N_quadA	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ889N	CR-SPLIT=NO	POS TARG +10,-10	Same Guide Stars in VLA-11JAN-H (08) Pattern 1, Exps 7-7 in Same Guide Stars in VLA-11JAN-H (08) (1)	15 Secs (45 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	8	FQ750N_quadB	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ750N	CR-SPLIT=NO	POS TARG -10,-10	Same Guide Stars in VLA-11JAN-H (08)	6 Secs (6 Secs) [==>]	[1]
	9	FQ727N_quadD	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS-QUAD-SUB	FQ727N	CR-SPLIT=NO	POS TARG -10,+10	Same Guide Stars in VLA-11JAN-H (08)	8 Secs (8 Secs) [==>]	[1]
	10	F631N	(1) JUPITER	WFC3/UVIS, ACCUM, UVIS2-M1K1C-SUB	F631N	CR-SPLIT=NO		Same Guide Stars in VLA-11JAN-H (08)	4 Secs (4 Secs) [==>]	[1]

