11172 - Defining Classes of Long Period Variable Stars in M31

Cycle: 16, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

Name	*Institution*	*E-Mail*
Dr. Arlin Crotts (PI)	**Columbia University in the City of New York**	
Dr. Patrick Cseresnjes (CoI)	Columbia University in the City of New York	
Dr. Alexander Bergier (CoI)	Columbia University in the City of New York	
Dr. Edward A. Baltz (CoI)	Stanford University	
Dr. Jelte de Jong (CoI)	Max-Planck-Institut fur Astronomie, Heidelberg	

VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) M31-NICFIELD1	NIC1 NIC2	1	08-May-2008 21:04:37.0	yes
21	(2) M31-MEGA-ML1	NIC1 NIC2	1	08-May-2008 21:04:59.0	yes
22	(3) M31-MEGA-ML2	NIC1 NIC2	1	08-May-2008 21:05:20.0	yes
23	(4) M31-MEGA-ML3	NIC1 NIC2	1	08-May-2008 21:05:36.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
24	(5) M31-MEGA-ML7	NIC1 NIC2	1	08-May-2008 21:05:55.0	yes
25	(6) M31-MEGA-ML8	NIC1 NIC2	1	08-May-2008 21:06:13.0	yes
26	(7) M31-MEGA-ML9	NIC1 NIC2	1	08-May-2008 21:06:27.0	yes
27	(8) M31-MEGA-ML10	NIC1 NIC2	1	08-May-2008 21:06:45.0	yes
28	(9) M31-MEGA-ML11	NIC1 NIC2	1	08-May-2008 21:07:03.0	yes
29	(10) M31-MEGA-ML13	NIC1 NIC2	1	08-May-2008 21:07:16.0	yes
30	(11) M31-MEGA-ML14	NIC1 NIC2	1	08-May-2008 21:07:34.0	yes
31	(12) M31-MEGA-ML15	NIC1 NIC2	1	08-May-2008 21:07:48.0	yes
32	(13) M31-MEGA-ML16	NIC1 NIC2	1	08-May-2008 21:08:04.0	yes
33	(14) M31-MEGA-ML17	NIC1 NIC2	1	08-May-2008 21:08:21.0	yes
34	(15) M31-MEGA-ML18	NIC1 NIC2	1	08-May-2008 21:08:35.0	yes
35	(16) M31-NICFIELD2	NIC1 NIC2	1	08-May-2008 21:08:51.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
36	(17) M31-NICFIELD3	NIC1 NIC2	1	08-May-2008 21:09:08.0	yes
37	(18) M31-NICFIELD4	NIC1 NIC2	1	08-May-2008 21:09:21.0	yes
38	(19) M31-NICFIELD5	NIC1 NIC2	1	08-May-2008 21:09:39.0	yes
39	(20) M31-NICFIELD6	NIC1 NIC2	1	08-May-2008 21:09:56.0	yes

20 Total Orbits Used

ABSTRACT

We propose a thrifty but information-packed investigation (1440 exposures total) with NICMOS F205W, F160W and F110W providing crucial information about Long Period Variables in M31, at a level of detail that has recently allowed the discovery of new variable star classes in the Magellanic Clouds, a very different stellar population. These observations are buttressed by an extensive map of the same fields with ACS and WFPC2 exposures in F555W and F814W, and a massive ground-based imaging patrol producing well-sampled light curves for more than 400,000 variable stars. Our primary goal is to collect sufficient NIR data in order to analyze and classify the huge number of long-period variables in our catalog (see below) through Period-Luminosity (P/L) diagrams. We will produce accurate P/L diagrams for both the bulge and a progression of locations throughout the disk of M31. These diagrams will be similar in quality to those currently in the Magellanic Clouds, with their lower metallicity, radically different star formation history, and larger spread in distance to the variables. M31 offers an excellent chance to study more typical disk populations, in a manner which might be extended to more distant galaxies where such variables are still visible, probing a much more evenly spread progenitor age distribution than cepheids (and perhaps useful as a distance scale alternative or cross-check). Our data will also provide a massive and unique color-magnitude dataset, and allow us to confirm the microlensing nature of a large sample of candidate lensed sources in M31. We expect that this study will produce several important results, among them a better understanding of P/L and P/L-color relations for pulsating variables which are essential to the extragalactic distance ladder, will view these variables at a common distance over a range of

metallicities (eliminating the distance-error vs. metallicity ambiguity between the LMC and SMC), allow further insight into possible faint-variable mass-loss for higher metallicities, and in general produce a sample more typical of giant disk galaxies predominant in many studies.

OBSERVING DESCRIPTION

These are rapid sequences of F205W in NIC2 and of F160W in Nic1 in parallel. The positions are adjusted so that the NIC1 of one observations lands in the NIC2 field of another. The orientation is determined by the principle axes of M31, and by overlapping with the large ACS mosaic completed during GO 10273. The observations come in four groups of five orbits, with 14 prime and 14 parallel fields per orbit, for a total of 560 fields, most of them overlapping to form 260 NIC1/NIC2, F160W/F205W field pairs.

Proposal 11172 - Visit 01 - Defining Classes of Long Period Variable Stars in M31

Visit

Proposal 11172, Visit 01, completed Fri May 09 01:10:02 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	M31-NICFIELD1	RA: 00 42 44.0000 (10.6833333d) Dec: +41 03 20.00 (41.05556d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

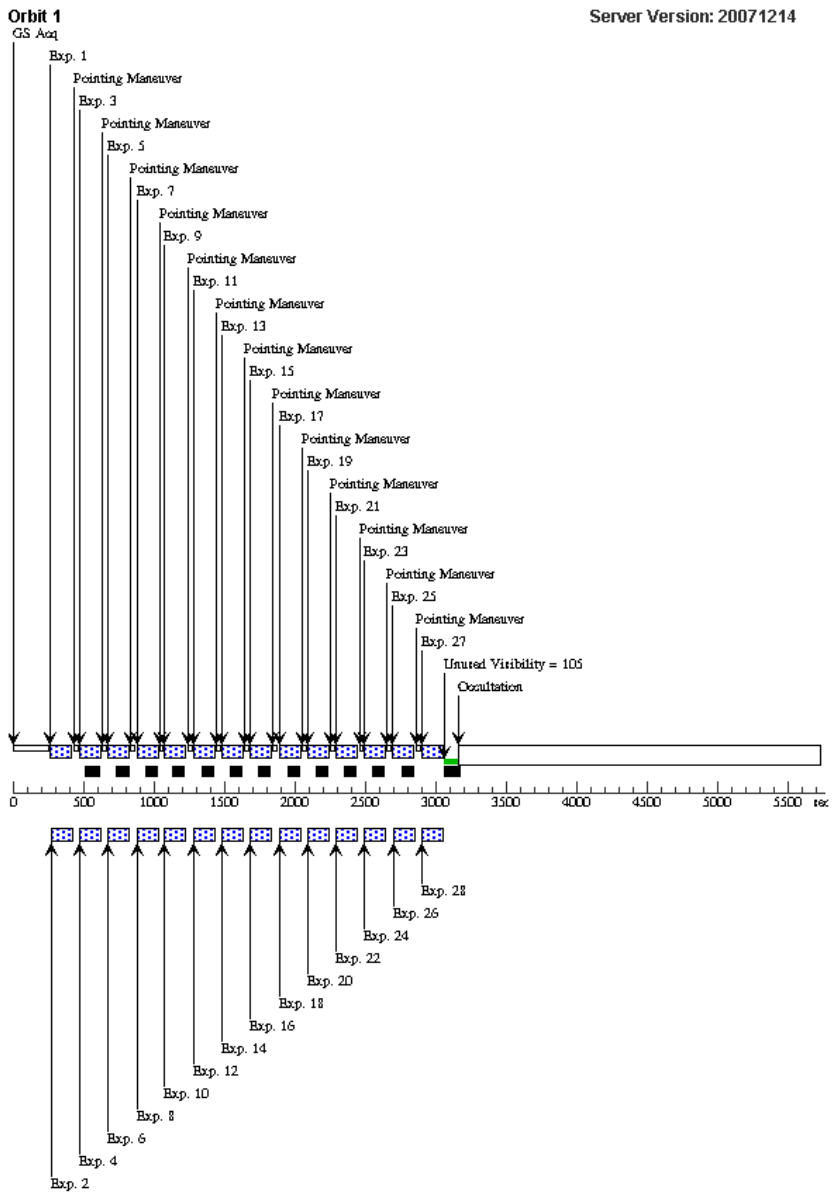
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 10.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(1) M31-NICFIELD 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG -10.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(1) M31-NICFIELD 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 21 Fri May 09 01:10:07 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	M31-MEGA-ML1	RA: 00 43 10.5400 (10.7939167d) Dec: +41 17 47.80 (41.29661d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(2) M31-MEGA-ML1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(2) M31-MEGA-ML1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(2) M31-MEGA-ML1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(2) M31-MEGA-ML1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

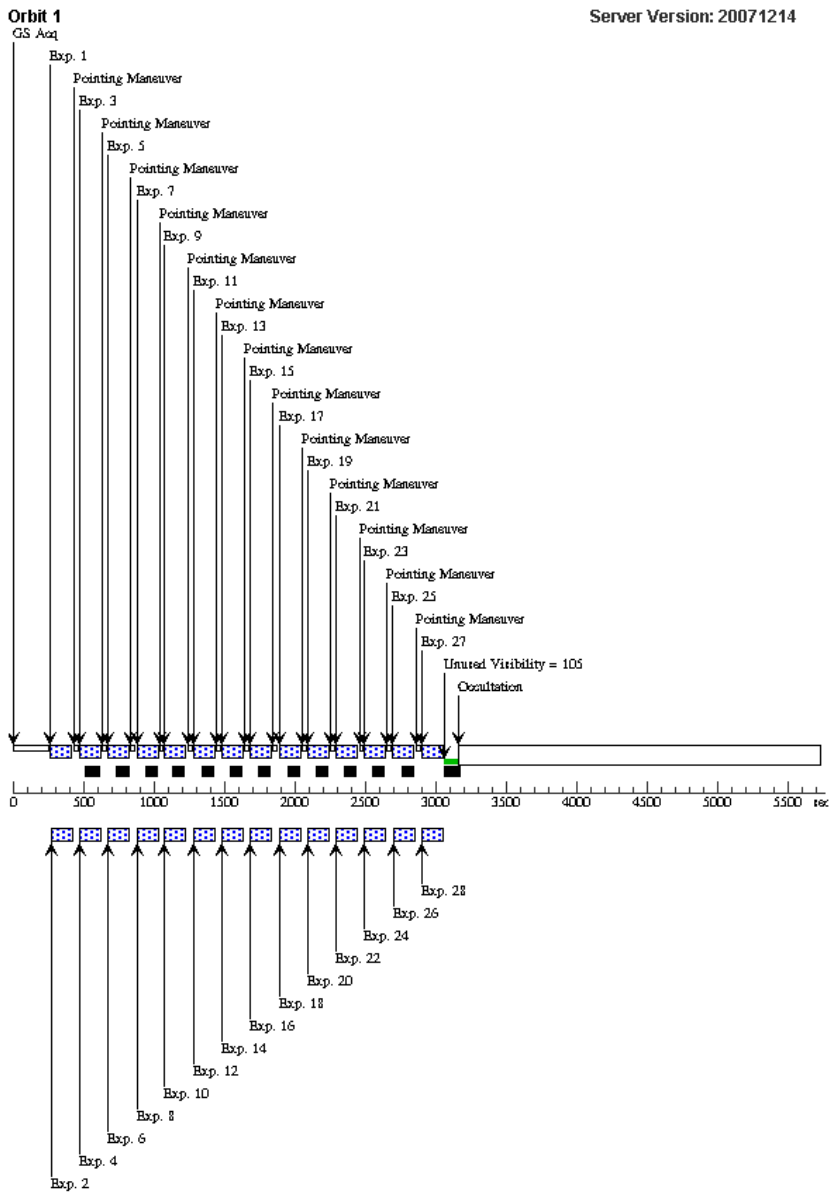
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(2) M31-MEGA-ML 1	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(2) M31-MEGA-ML 1	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 22 Fri May 09 01:10:09 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 22) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	M31-MEGA-ML2	RA: 00 43 11.9500 (10.7997917d) Dec: +41 17 43.60 (41.29544d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(3) M31-MEGA-ML2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(3) M31-MEGA-ML2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(3) M31-MEGA-ML2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(3) M31-MEGA-ML2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

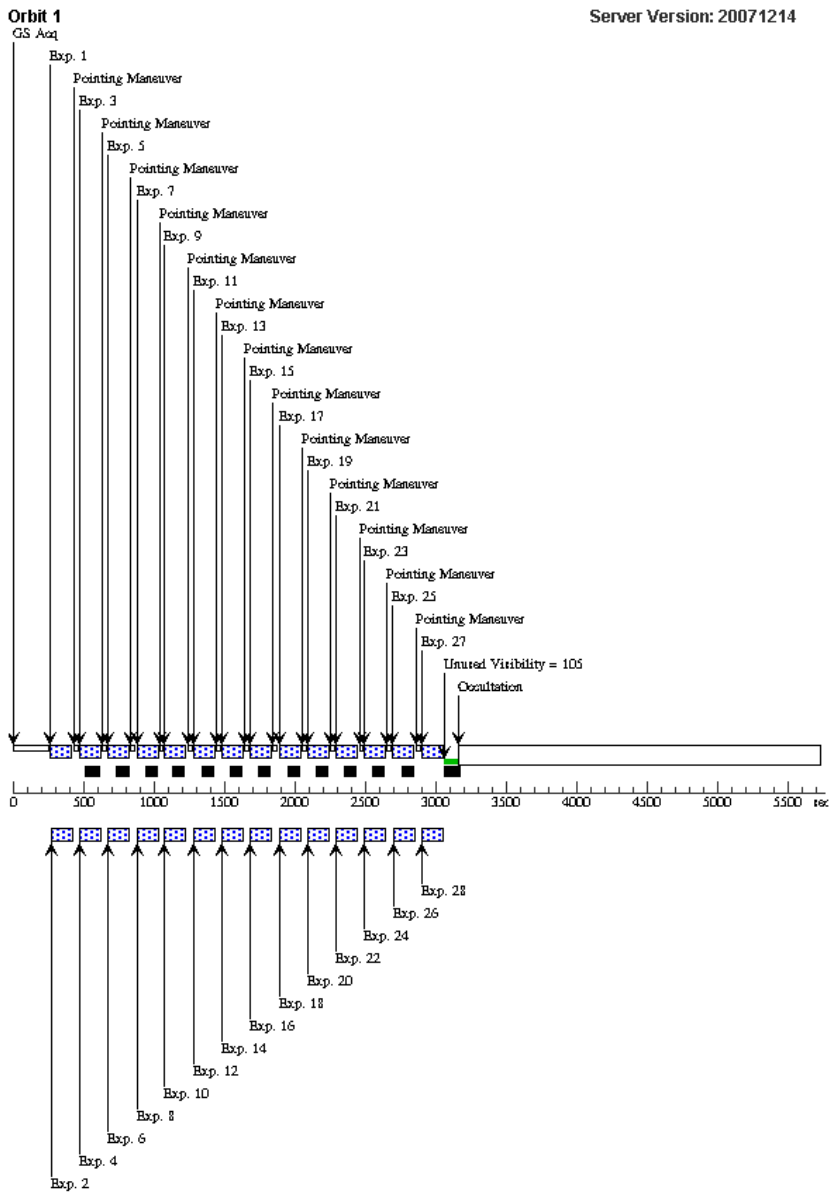
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(3) M31-MEGA-ML 2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(3) M31-MEGA-ML 2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 23 Fri May 09 01:10:10 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 23) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 23) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	M31-MEGA-ML3	RA: 00 43 15.7600 (10.8156667d) Dec: +41 20 52.20 (41.34783d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(4) M31-MEGA-ML3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(4) M31-MEGA-ML3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(4) M31-MEGA-ML3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(4) M31-MEGA-ML3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

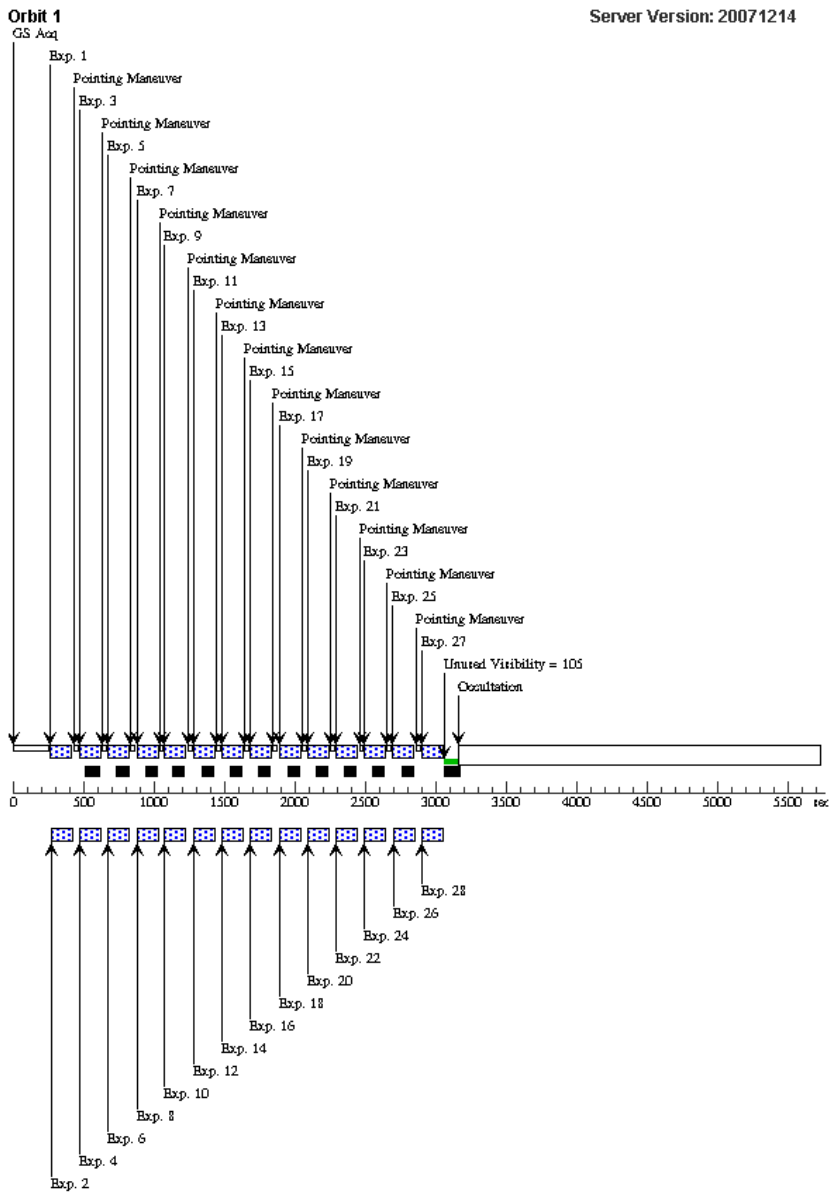
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(4) M31-MEGA-ML 3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(4) M31-MEGA-ML 3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 24 Fri May 09 01:10:12 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 24) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	M31-MEGA-ML7	RA: 00 44 20.8900 (11.0870417d) Dec: +41 28 44.60 (41.47906d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(5) M31-MEGA-ML7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(5) M31-MEGA-ML7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(5) M31-MEGA-ML7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(5) M31-MEGA-ML7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

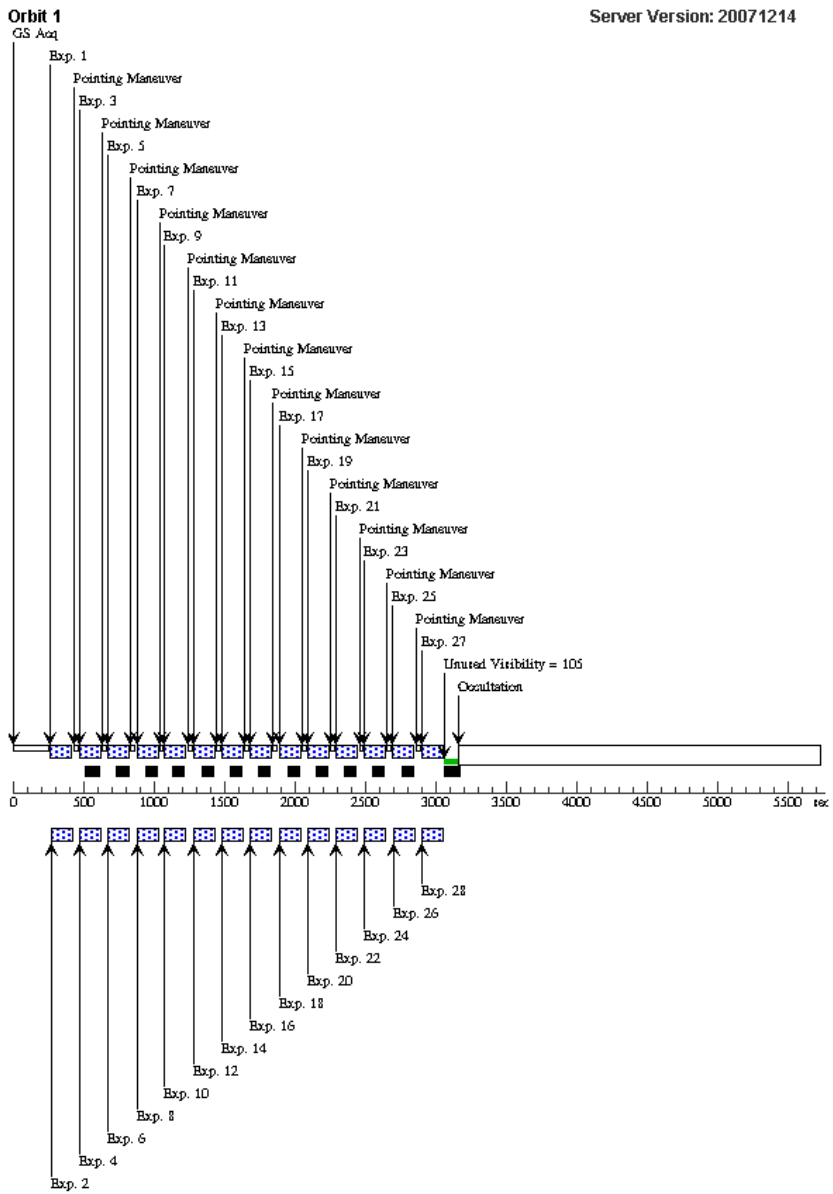
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(5) M31-MEGA-ML 7	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(5) M31-MEGA-ML 7	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 25 Fri May 09 01:10:13 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 25) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	M31-MEGA-ML8	RA: 00 43 24.5300 (10.8522083d) Dec: +41 37 50.40 (41.63067d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(6) M31-MEGA-ML8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(6) M31-MEGA-ML8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(6) M31-MEGA-ML8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(6) M31-MEGA-ML8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

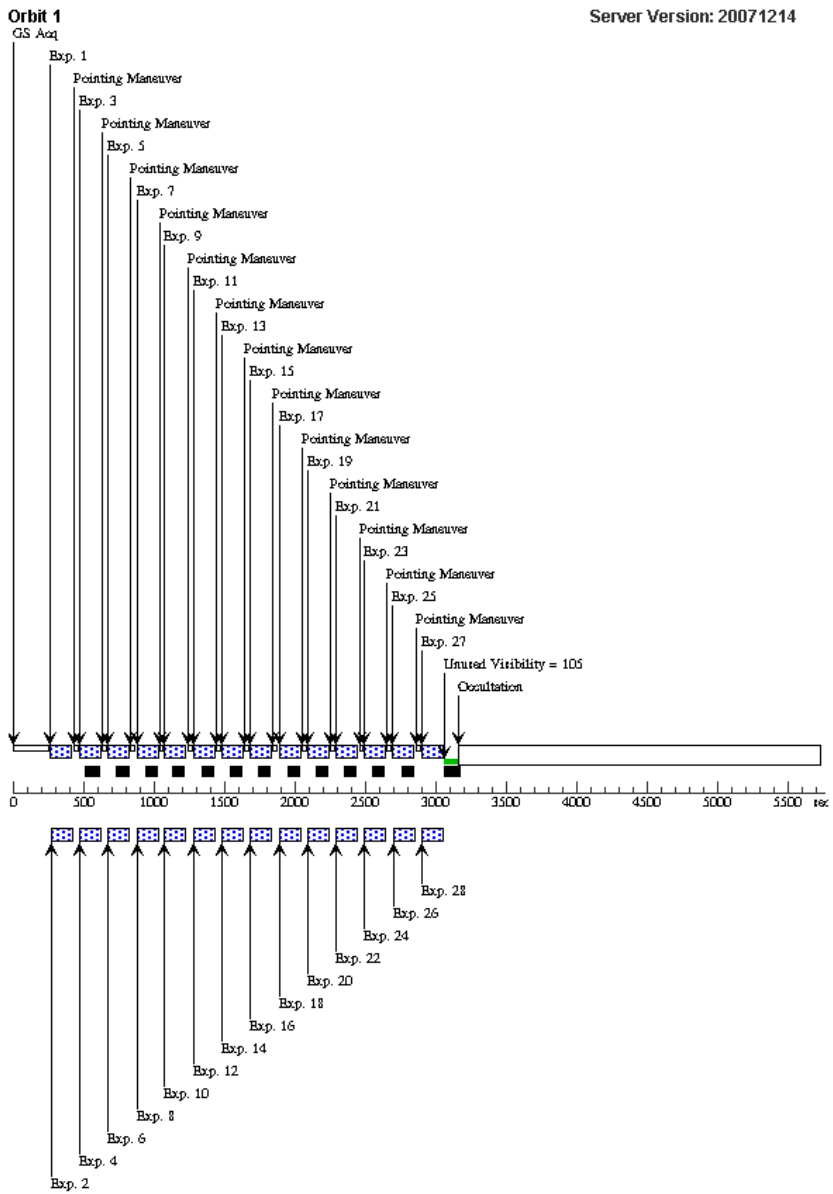
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(6) M31-MEGA-ML 8	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(6) M31-MEGA-ML 8	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 26 Fri May 09 01:10:15 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 26) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 26) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	M31-MEGA-ML9	RA: 00 44 46.8000 (11.1950000d) Dec: +41 41 6.70 (41.68519d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(7) M31-MEGA-ML9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(7) M31-MEGA-ML9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(7) M31-MEGA-ML9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(7) M31-MEGA-ML9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

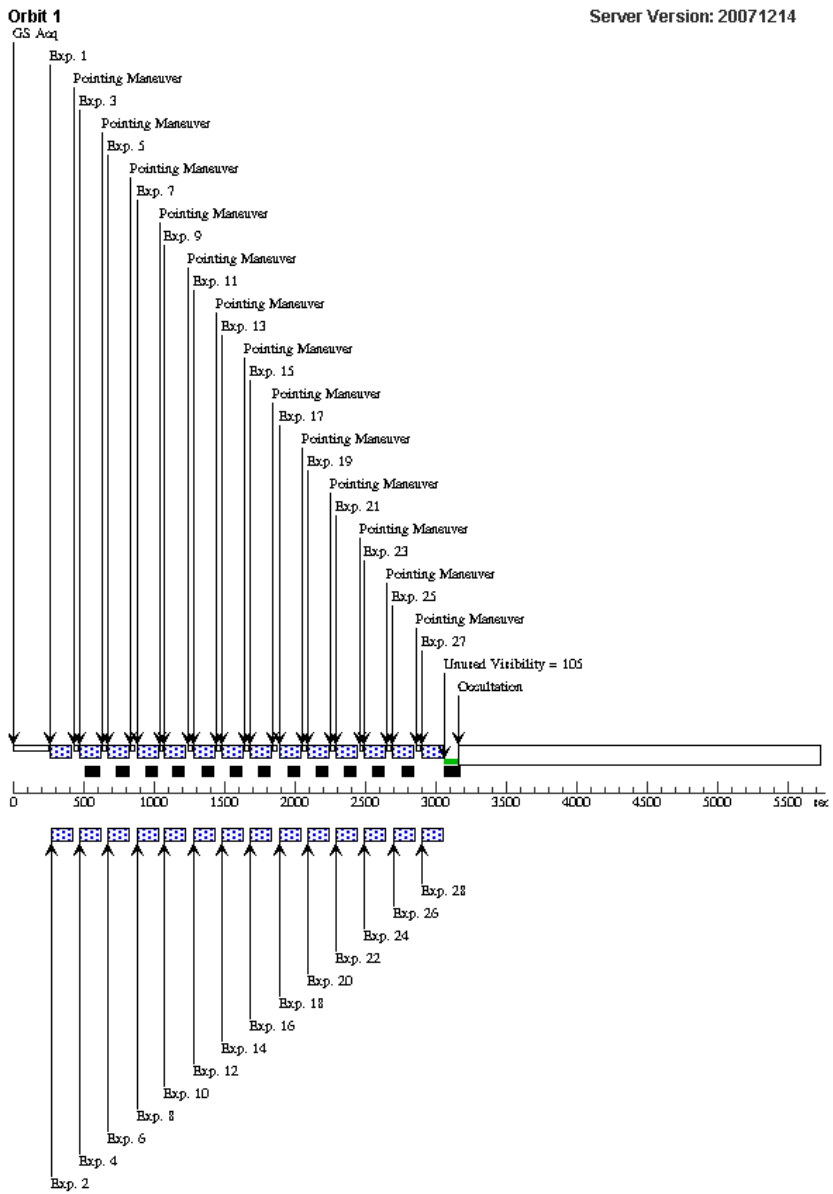
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(7) M31-MEGA-ML 9	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(7) M31-MEGA-ML 9	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 27 Fri May 09 01:10:16 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 27) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 27) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 27) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 27) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	M31-MEGA-ML10	RA: 00 43 54.8700 (10.9786250d) Dec: +41 10 33.30 (41.17592d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

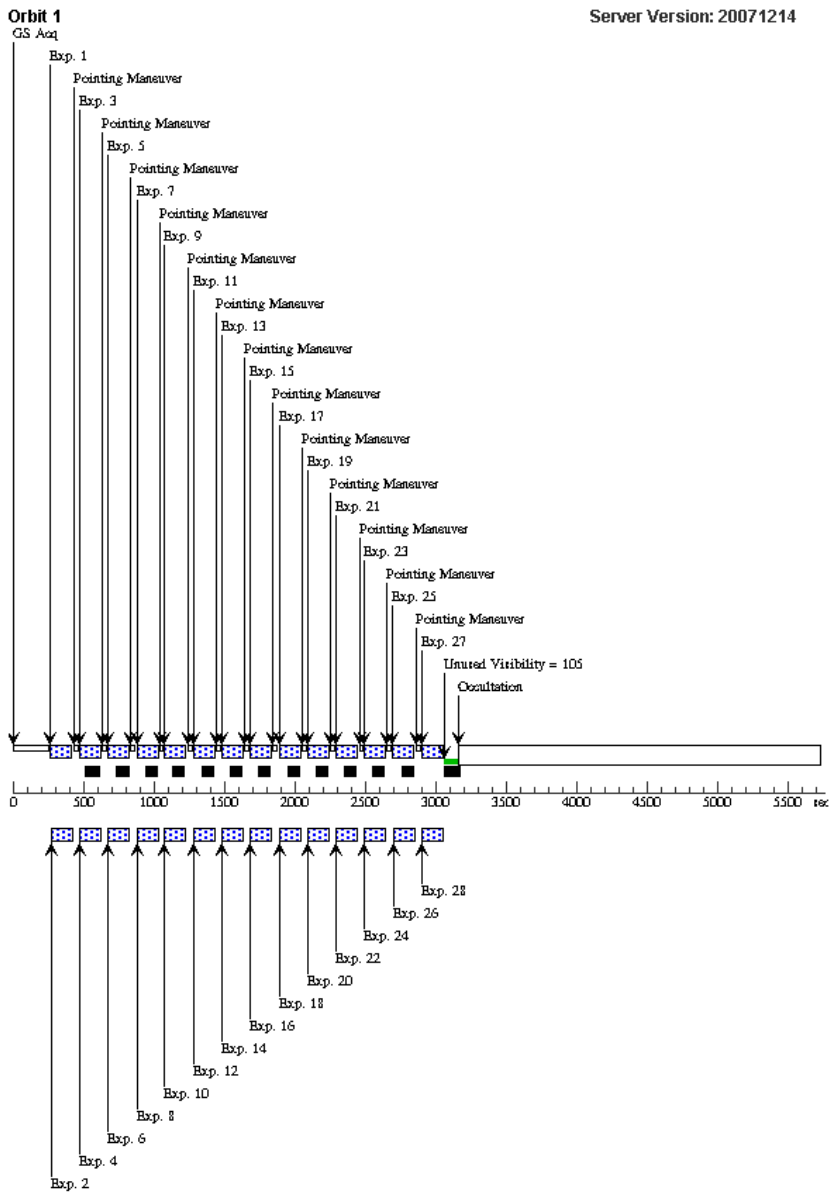
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(8) M31-MEGA-ML 10	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(8) M31-MEGA-ML 10	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 28 Fri May 09 01:10:18 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 28) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 28) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 28) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 28) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
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(Visit 28) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	M31-MEGA-ML11	RA: 00 42 29.9000 (10.6245833d) Dec: +40 53 45.60 (40.89600d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARI O SINGLE	Same Guide Stars Prime + Parallel Gro up 1-2	*[==>]*	***[1]***
2	1.0101	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Gro up 1-2	*[==>]*	***[1]***
3	1.02	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Gro up 3-4	*[==>]*	***[1]***
4	1.0201	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Gro up 3-4	*[==>]*	***[1]***

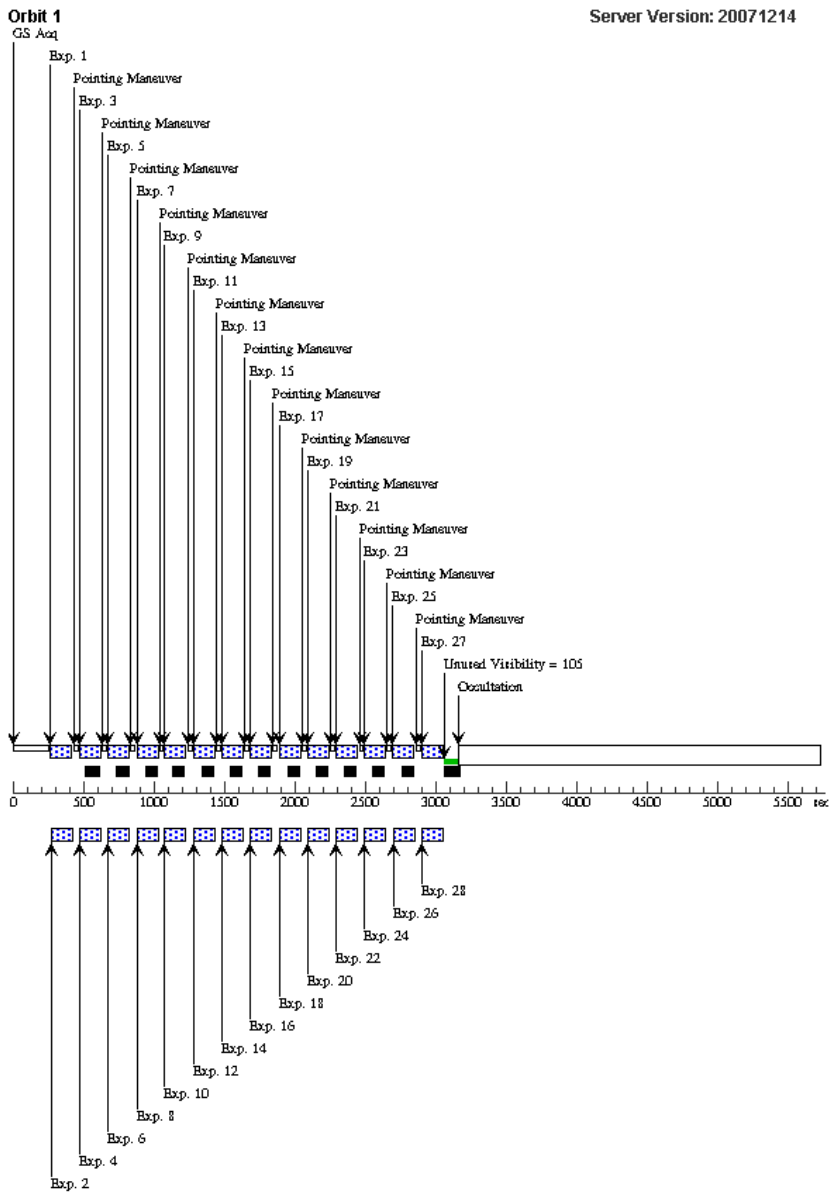
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(9) M31-MEGA-ML 11	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(9) M31-MEGA-ML 11	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 29 Fri May 09 01:10:19 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 29) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 29) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	M31-MEGA-ML13	RA: 00 43 2.4900 (10.7603750d) Dec: +40 45 9.20 (40.75256d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

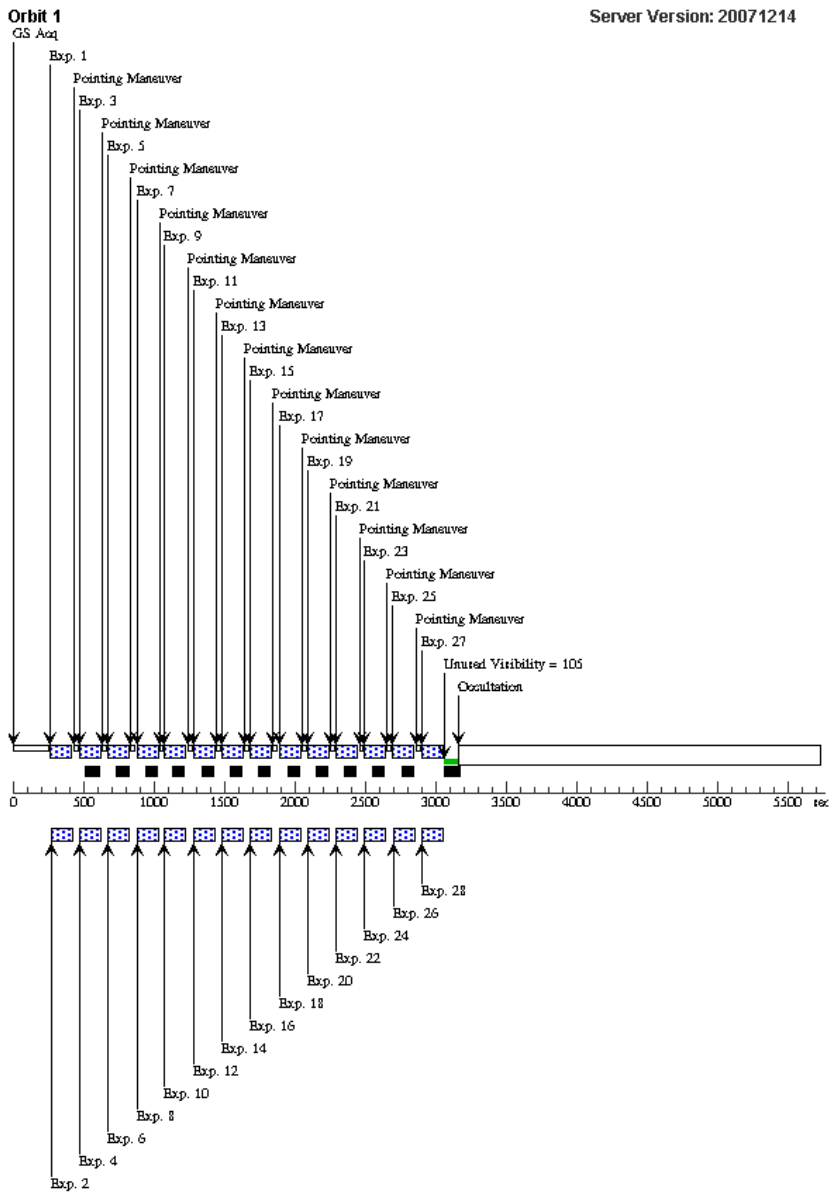
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(10) M31-MEGA-ML13	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(10) M31-MEGA-ML13	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 30 Fri May 09 01:10:21 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 30) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 30) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 30) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 30) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 30) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 30) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 30) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	M31-MEGA-ML14	RA: 00 43 42.5300 (10.9272083d) Dec: +40 42 33.90 (40.70942d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

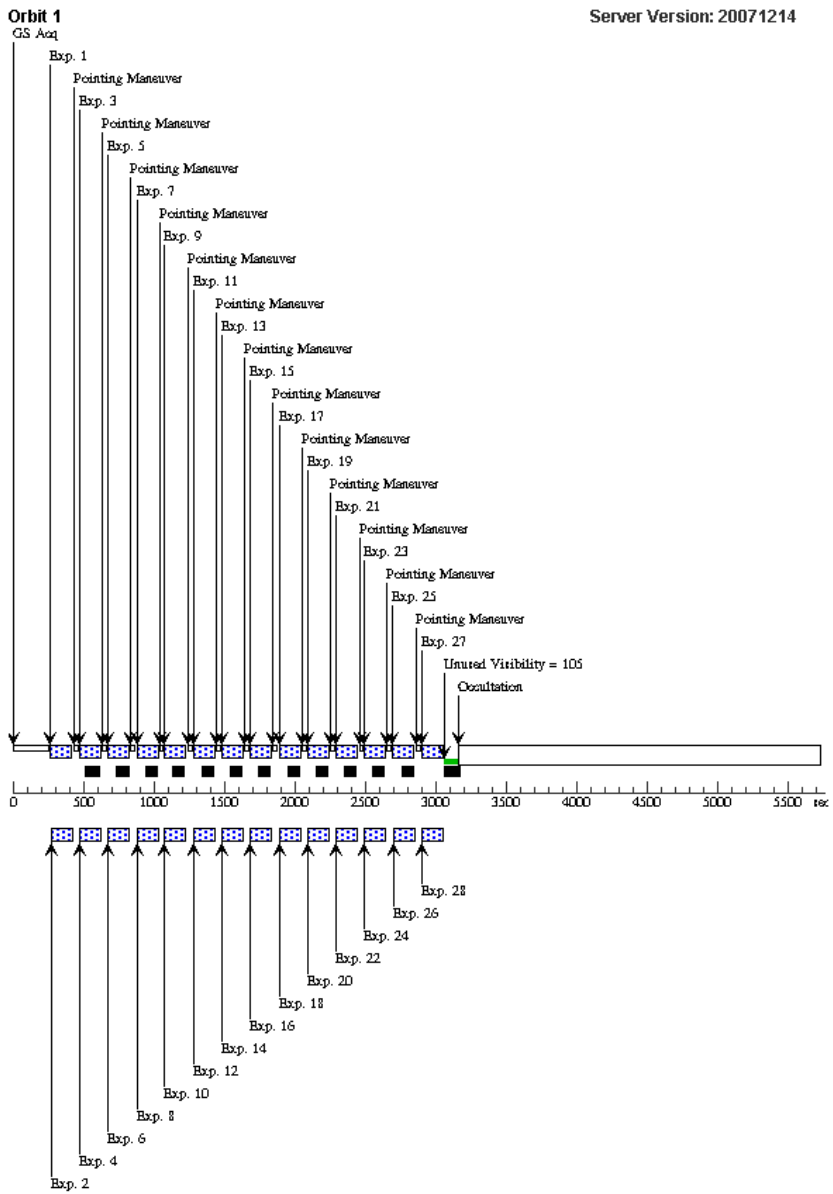
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(11) M31-MEGA-ML14	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(11) M31-MEGA-ML14	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 31 Fri May 09 01:10:22 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 31) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 31) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 31) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	M31-MEGA-ML15	RA: 00 43 9.2800 (10.7886667d) Dec: +41 20 53.40 (41.34817d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

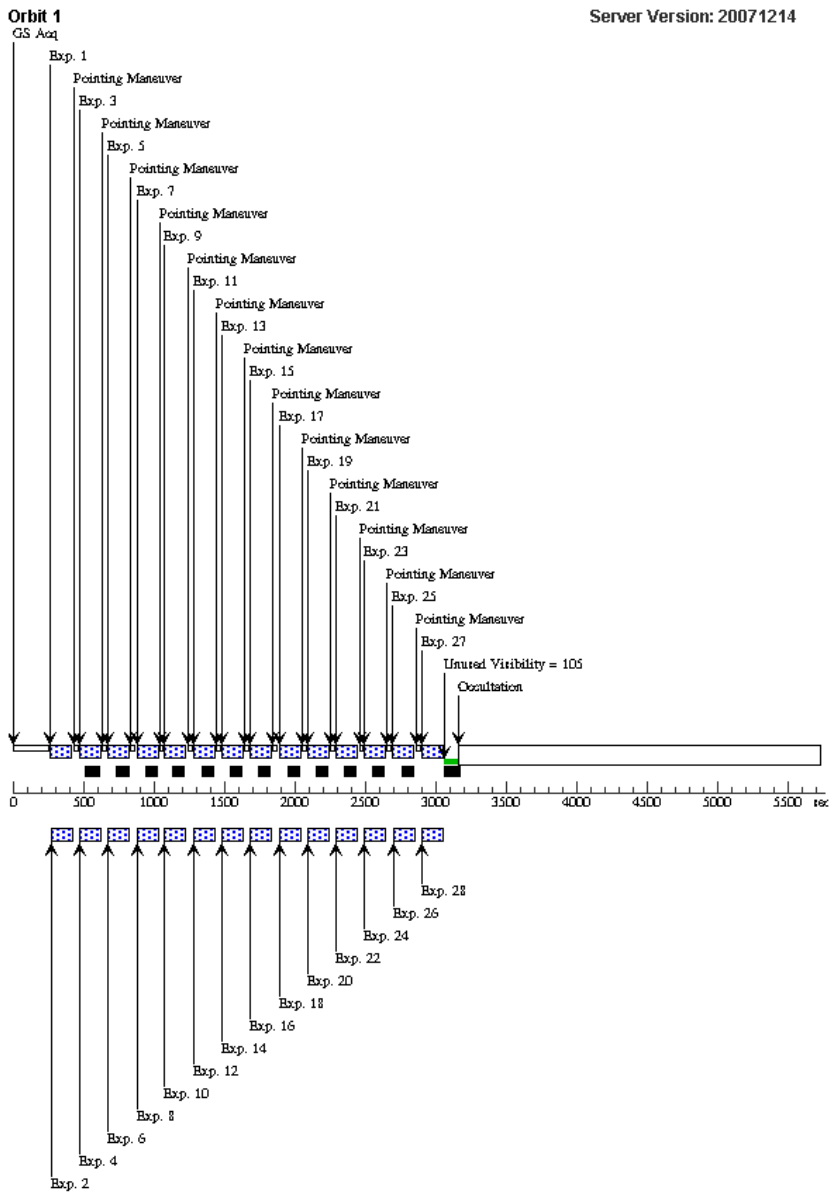
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(12) M31-MEGA-ML15	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(12) M31-MEGA-ML15	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 32 Fri May 09 01:10:24 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 32) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 32) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	M31-MEGA-ML16	RA: 00 42 51.2200 (10.7134167d) Dec: +41 23 55.30 (41.39869d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

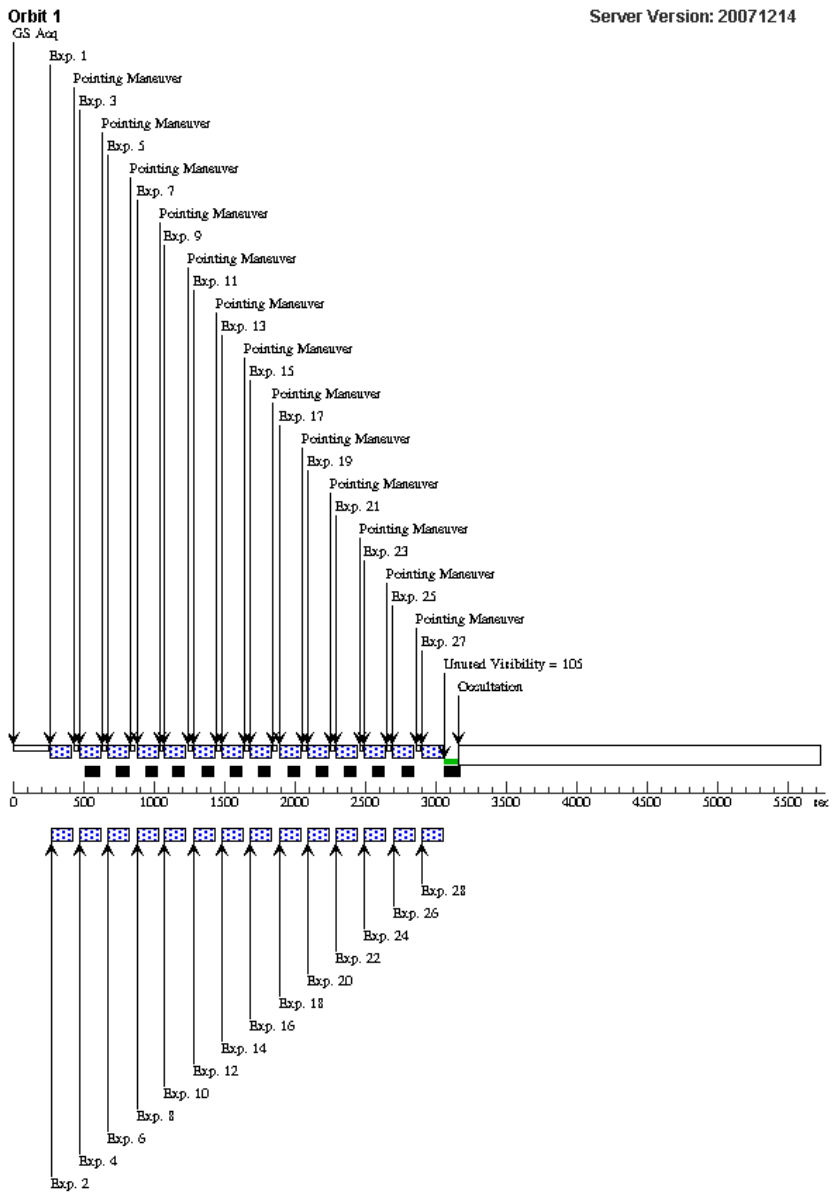
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(13) M31-MEGA-ML16	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(13) M31-MEGA-ML16	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 33 Fri May 09 01:10:25 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 33) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 33) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 33) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 33) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 33) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 33) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 33) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	M31-MEGA-ML17	RA: 00 41 55.6000 (10.4816667d) Dec: +40 56 20.00 (40.93889d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

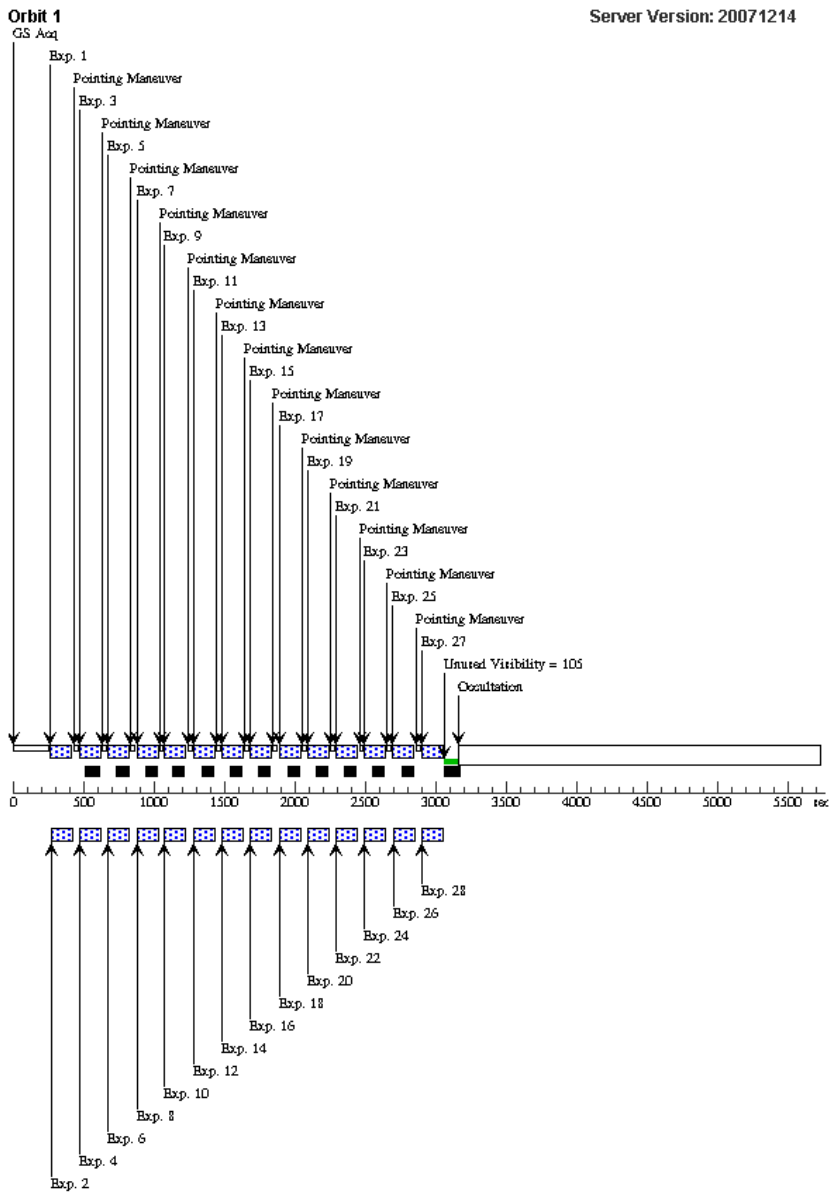
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(14) M31-MEGA-ML17	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(14) M31-MEGA-ML17	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 34 Fri May 09 01:10:27 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 34) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 34) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 34) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 34) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 34) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 34) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 34) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	M31-MEGA-ML18	RA: 00 43 17.2700 (10.8219583d) Dec: +41 02 13.70 (41.03714d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

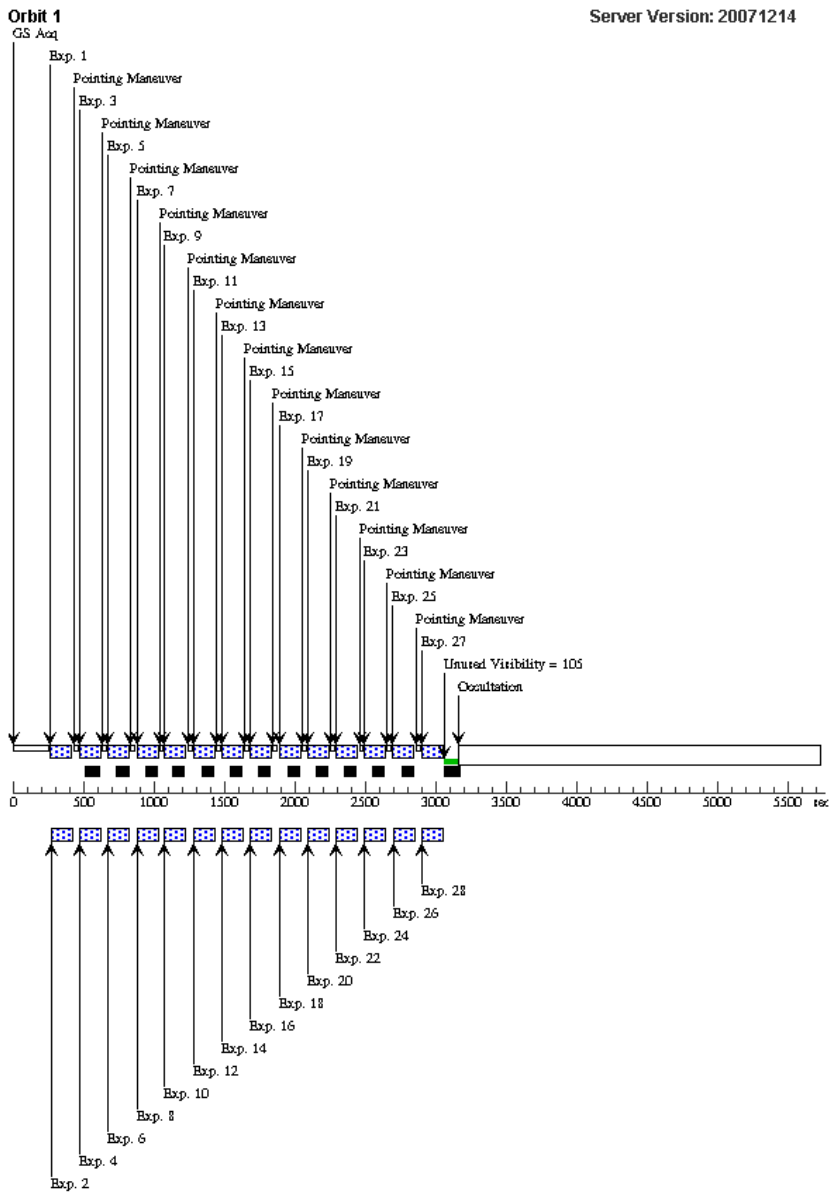
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	*[1]*
6	1.0301	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	*[1]*
7	1.04	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	*[1]*
8	1.0401	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	*[1]*
9	1.05	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	*[1]*
10	1.0501	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	*[1]*
11	1.06	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	*[1]*
12	1.0601	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	*[1]*
13	1.07	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	*[1]*
14	1.0701	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	*[1]*
15	1.08	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	*[1]*
16	1.0801	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	*[1]*
17	1.09	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	*[1]*
18	1.0901	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	*[1]*

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(15) M31-MEGA-ML18	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(15) M31-MEGA-ML18	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 35 Fri May 09 01:10:28 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 35) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 35) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 35) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 35) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	M31-NICFIELD2	RA: 00 43 20.2500 (10.8343750d) Dec: +41 13 0.90 (41.21692d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

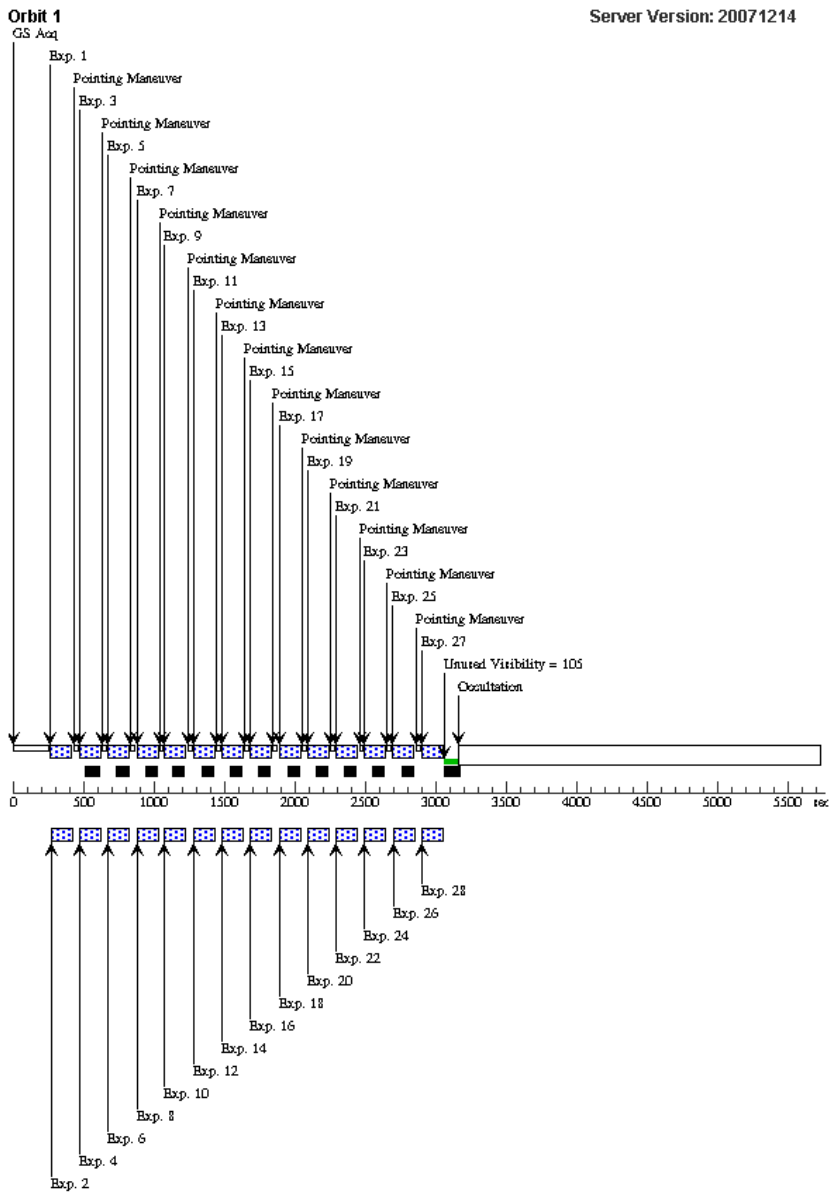
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(16) M31-NICFIELD2	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(16) M31-NICFIELD2	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 36 Fri May 09 01:10:30 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 36) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 36) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 36) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 36) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 36) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 36) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	M31-NICFIELD3	RA: 00 42 25.5800 (10.6065833d) Dec: +41 23 32.10 (41.39225d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

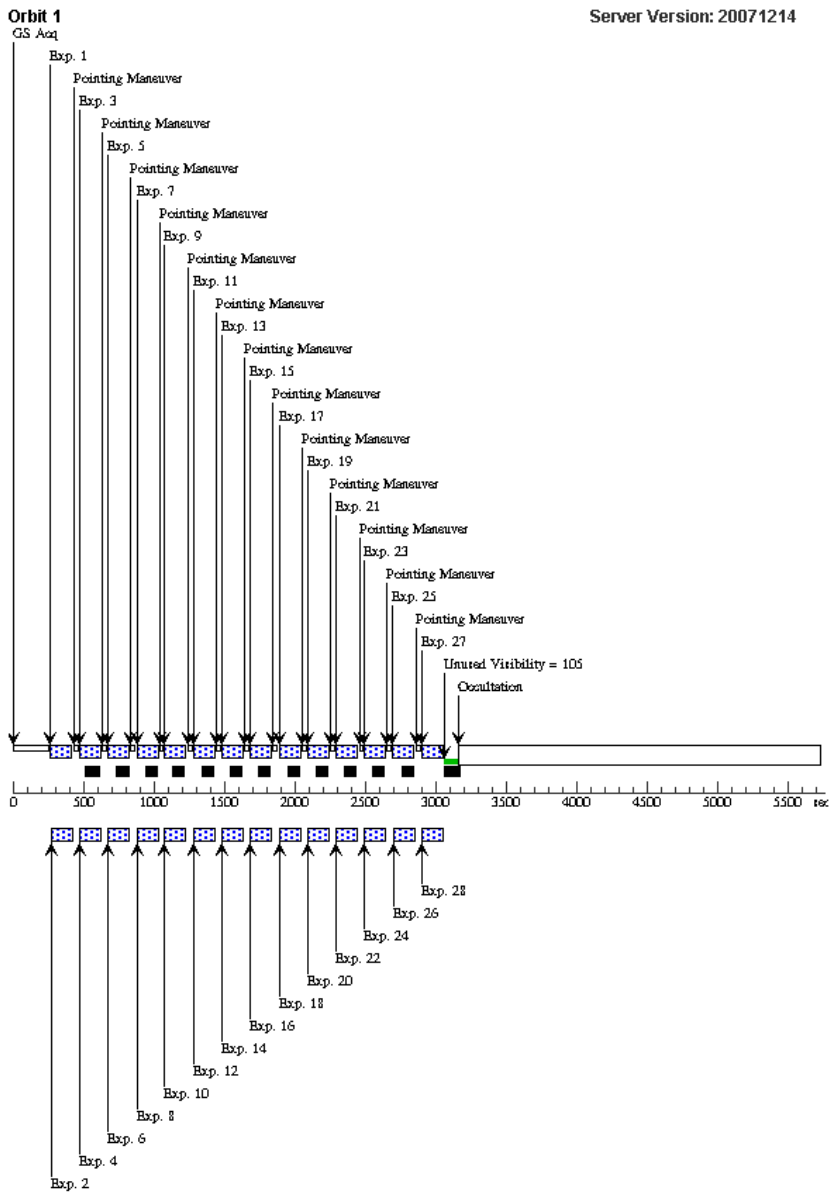
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	*[1]*
6	1.0301	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	*[1]*
7	1.04	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	*[1]*
8	1.0401	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	*[1]*
9	1.05	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	*[1]*
10	1.0501	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	*[1]*
11	1.06	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	*[1]*
12	1.0601	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	*[1]*
13	1.07	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	*[1]*
14	1.0701	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	*[1]*
15	1.08	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	*[1]*
16	1.0801	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	*[1]*
17	1.09	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	*[1]*
18	1.0901	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	*[1]*

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(17) M31-NICFIELD3	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(17) M31-NICFIELD3	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 37 Fri May 09 01:10:31 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 37) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 37) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 37) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 37) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 37) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 37) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	M31-NICFIELD4	RA: 00 41 47.4300 (10.4476250d) Dec: +41 22 22.70 (41.37297d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

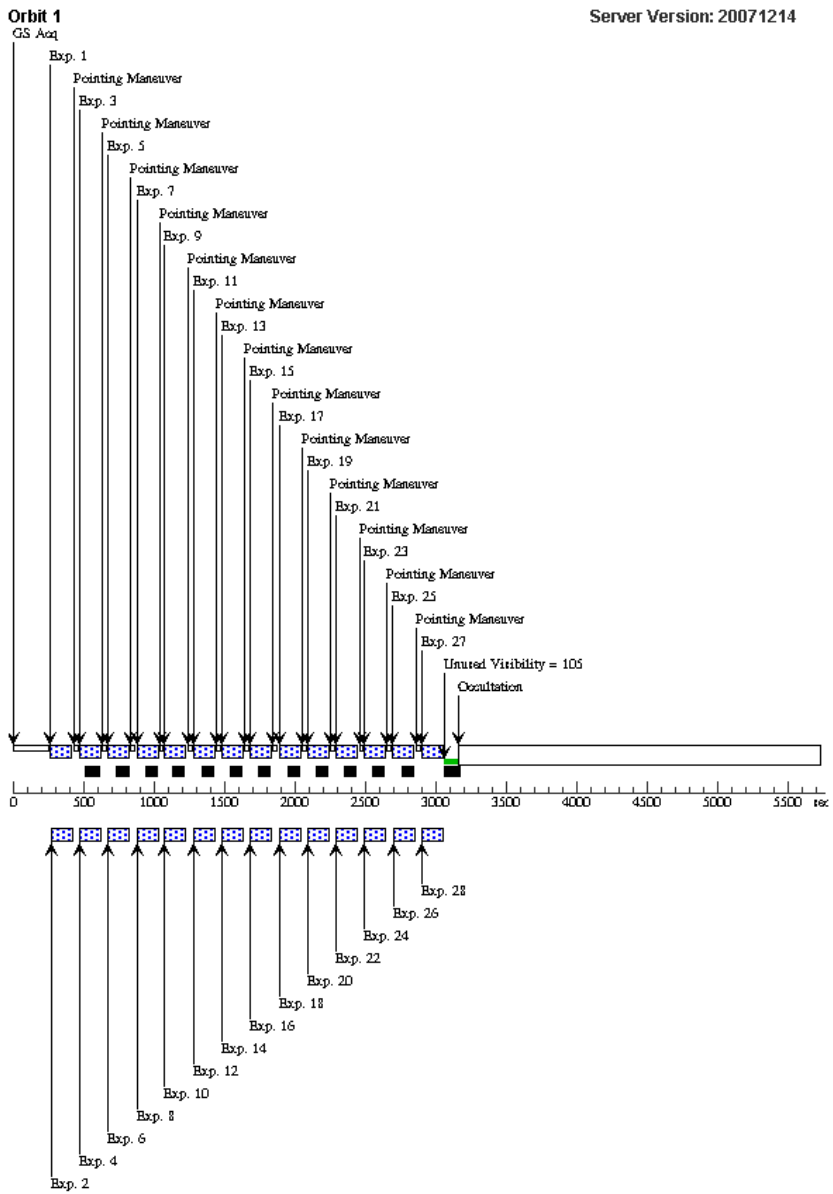
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(18) M31-NICFIELD4	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(18) M31-NICFIELD4	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 38 Fri May 09 01:10:33 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 38) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 38) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 38) Warning (OP): POS TARG OUTSIDE OF APERTURE
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(Visit 38) Warning (OP): MERGING RULE VIOLATED DURING AUTOMATIC MERGING
(Visit 38) Warning (OP): POS TARG OUTSIDE OF APERTURE

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	M31-NICFIELD5	RA: 00 42 38.9800 (10.6624167d) Dec: +41 36 6.00 (41.60167d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

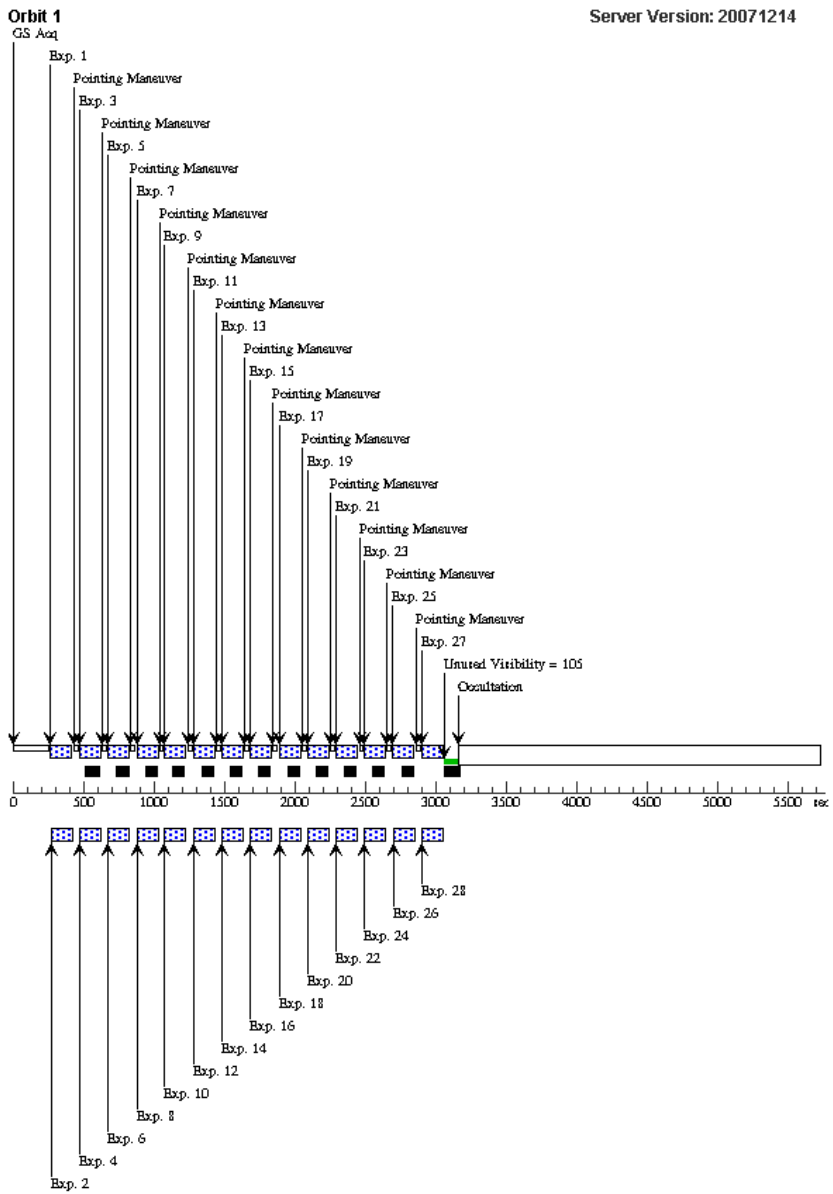
Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(19) M31-NICFIELD5	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(19) M31-NICFIELD5	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 11172, Visit 39 Fri May 09 01:10:34 GMT 2008

Diagnostic Status: Warning

Scientific Instruments: NIC2, NIC1

Special Requirements: ORIENT 79.0D TO 83.0 D; ORIENT 231.0D TO 263.0 D

Diagnostics

(Visit 39) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 39) Warning (OP): POS TARG OUTSIDE OF APERTURE
(Visit 39) Warning (OP): POS TARG OUTSIDE OF APERTURE
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Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	M31-NICFIELD6	RA: 00 43 27.4400 (10.8643333d) Dec: +41 40 0.10 (41.66669d) Equinox: J2000		V=22+/-3	Reference Frame: ICRS

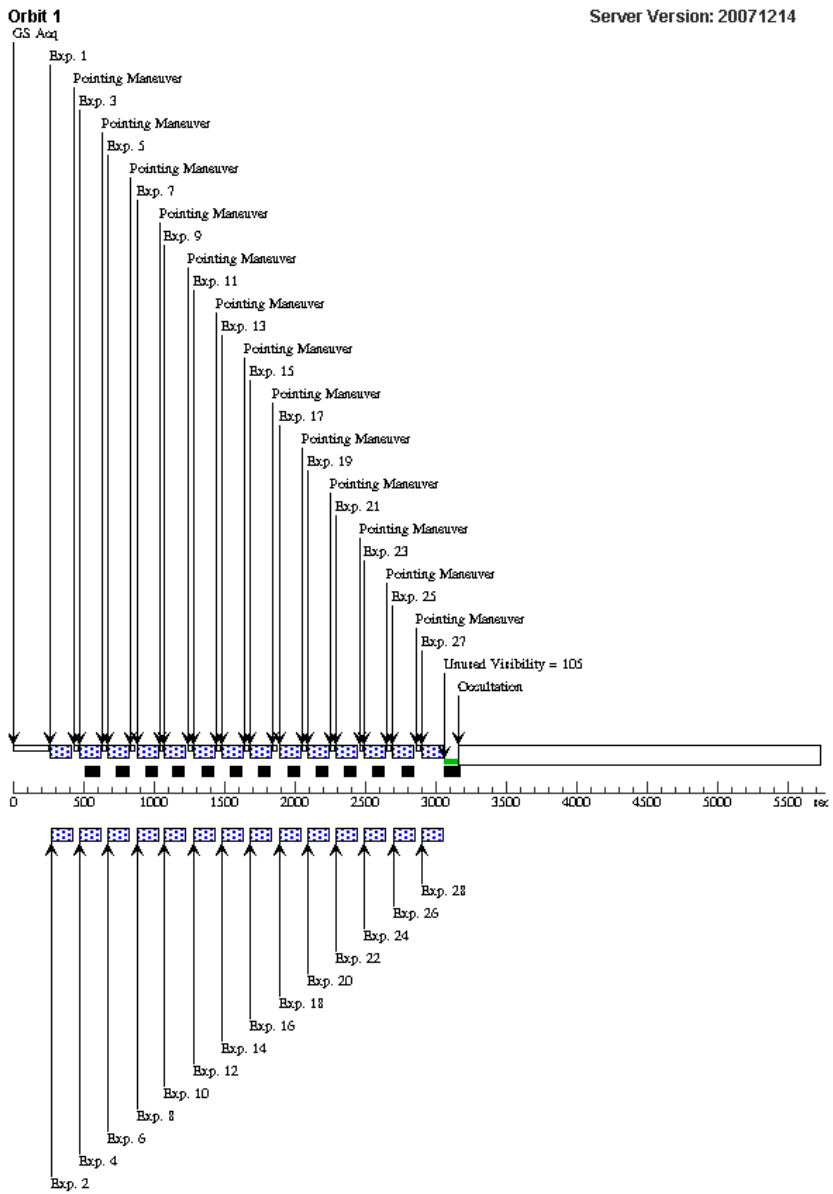
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1.01	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,0.0; GS ACQ SCENARIO SINGLE	Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
2	1.0101	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 1-2	*[==>]*	***[1]***
3	1.02	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,32.0	Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***
4	1.0201	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 3-4	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
5	1.03	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,64.0	Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
6	1.0301	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 5-6	*[==>]*	***[1]***
7	1.04	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0,96.0	Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
8	1.0401	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 7-8	*[==>]*	***[1]***
9	1.05	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,96.0	Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
10	1.0501	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 9-10	*[==>]*	***[1]***
11	1.06	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,64.0	Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
12	1.0601	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 11-12	*[==>]*	***[1]***
13	1.07	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,32.0	Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
14	1.0701	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 13-14	*[==>]*	***[1]***
15	1.08	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,0.0	Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
16	1.0801	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 15-16	*[==>]*	***[1]***
17	1.09	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-32.0	Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***
18	1.0901	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 17-18	*[==>]*	***[1]***

Exposures (continued)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
19	1.10	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-64.0	Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
20	1.1001	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 19-20	*[==>]*	***[1]***
21	1.11	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 20.0,-96.0	Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
22	1.1101	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 21-22	*[==>]*	***[1]***
23	1.12	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-96.0	Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
24	1.1201	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 23-24	*[==>]*	***[1]***
25	1.13	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-64.0	Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
26	1.1301	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 25-26	*[==>]*	***[1]***
27	1.14	(20) M31-NICFIELD6	NIC2, MULTIACCUM, NIC2	F205W	NSAMP=22; SAMP-SEQ=STEP8	POS TARG 0.0,-32.0	Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***
28	1.1401	(20) M31-NICFIELD6	NIC1, MULTIACCUM, NIC1	F160W	NSAMP=22; SAMP-SEQ=STEP8		Same Guide Stars Prime + Parallel Group 27-28	*[==>]*	***[1]***

Orbit Structure