

SCI11-620: QA Pipeline

Name	Duration	hh mm	Work Hou	Percent Cor	Start Date	End Date	Task Owner	Resources
-QA Pipeline - Engineering Phase	872d		5,270.00	0.00%	Jan 03 2011 15:00	Jul 10 2014 14:00		
+Summary of Top-Level Milestones	655d	4h	0.00	0.00%	Nov 15 2011 20:00	Jul 10 2014 14:00		
-2011 Meetings	248d	4h	406.00	0.00%	Jan 03 2011 15:00	Jan 03 2012 19:00		
Weekly Project Mtg	295d		240.00	0.00%	Jan 03 2011 15:00	Dec 28 2011 19:00	Kathleen Labrie (1.53%)	#Data Process Developer GN (1.51%), Emma Hogan (1.51%), Paul Hirst (1.51%), Craig Allen (1.51%)
Project Management Mtg	295d		36.00	0.00%	Jan 03 2011 15:00	Jan 03 2012 19:00	Kathleen Labrie (0.60%)	Craig Allen (0.60%), Paul Hirst (0.59%)
Project Schedule Management & Day-to-day coordination	245d		130.00	0.00%	Jan 03 2011 15:00	Dec 28 2011 00:00	Kathleen Labrie (5.31%)	Craig Allen (1.33%)
+2011 Science Working Group	243d		88.00	0.00%	Jan 03 2011 15:00	Dec 23 2011 00:30		
+2011 Management Tasks	217d		128.00	0.00%	Jan 03 2011 15:00	Nov 16 2011 00:00		
-Design/Development - Prep for CDR	479d	5h	2,062.00	0.00%	Jan 03 2011 15:00	Dec 06 2012 21:00		
+Planning	20d		128.00	0.00%	Jan 03 2011 15:00	Feb 01 2011 00:30		
+Core Software Design & Development	468d	6h 30m	1,330.00	0.00%	Jan 03 2011 15:00	Nov 20 2012 22:30		
+Prototyping Tests	474d	4h	288.00	0.00%	Jan 10 2011 16:00	Dec 06 2012 21:00		
-Summit Installation Design	14d	1h	40.00	0.00%	Jan 10 2011 16:00	Jan 31 2011 17:00		
Setup test Linux environment	1d		4.00	0.00%	Jan 10 2011 16:00	Jan 11 2011 16:00	#ISG Technician (50.00%)	
Software benchmarking	10d		26.00	0.00%	Jan 11 2011 16:00	Jan 24 2011 20:00	James Turner (8.96%)	Kathleen Labrie (23.88%), #ISG Technician (5.26%)
Generate production design plan	3d		4.00	0.00%	Jan 24 2011 21:00	Jan 27 2011 20:00	#ISG Technician (16.67%)	
Peer/Group review	2d		6.00	0.00%	Jan 27 2011 20:00	Jan 31 2011 17:00	Craig Allen (7.14%)	#ISG Technician (7.69%), Kathleen Labrie (7.14%), Emma Hogan (7.69%), James Turner (7.14%)
+Critical Design Review	30d	1h 30m	276.00	0.00%	Jan 03 2012 15:00	Feb 15 2012 16:30		
+Final Development	459d	1h 30m	1,216.00	0.00%	Feb 07 2011 15:00	Dec 12 2012 16:30		
+I&T Execution	57d	3h 30m	554.00	0.00%	May 16 2011 20:30	Aug 09 2011 15:00		
+Acceptance Test Execution	9d	3h	136.00	0.00%	Aug 09 2011 15:00	Aug 23 2011 19:00		
+Deployment	58d		680.00	0.00%	Aug 23 2011 19:00	Nov 15 2011 19:30		
Completion of Phase 1 Milestone			0.00	0.00%	Nov 15 2011 20:00	Nov 15 2011 19:00		
-QA Pipeline Scientific Phase	774d	2h 30m	13,348.00	0.00%	May 24 2011 20:30	Jul 10 2014 14:00		
+Planning for QA Modes	540d	2h 30m	1,160.00	0.00%	May 24 2011 20:30	Jul 30 2013 14:00		
-New Features for Recipe System	16d		64.00	0.00%	Aug 09 2011 15:00	Sep 01 2011 15:00		
-AstroData Structures	16d		64.00	0.00%	Aug 09 2011 15:00	Sep 01 2011 15:00		
Structures System Design	10d		40.00	0.00%	Aug 09 2011 15:00	Aug 24 2011 15:00	Craig Allen (50.00%)	
Integrate Structures and AstroDataTypes systems	6d		24.00	0.00%	Aug 24 2011 15:00	Sep 01 2011 15:00	Craig Allen (50.00%)	
+New Features for PRS Components			0.00	0.00%	Aug 09 2011 15:00	Aug 09 2011 15:00		
-Design and Development of QA Modes	715d	2h 30m	6,946.00	0.00%	Jun 21 2011 20:30	May 09 2014 14:00		
-QA Pipeline Optical Longslit Development	71d	2h 30m	748.00	0.00%	Jun 21 2011 20:30	Oct 04 2011 14:00		
Launch of QA Optical Longslit Development			0.00	0.00%	Jun 21 2011 20:30	Jun 21 2011 20:30		
-Finalize Calibration Rules QA Optical Longslit	6d		8.00	0.00%	Jun 21 2011 20:30	Jun 29 2011 20:30		
GMOS Longslit Calibration Rules	5d		8.00	0.00%	Jun 21 2011 20:30	Jun 29 2011 20:30	Paul Hirst (20.00%)	
Calibration Rules for QA GMOS Longslit Calibration Completed			0.00	0.00%	Jun 29 2011 20:30	Jun 29 2011 20:30		
-Recipes for Optical Longslit Spectroscopy	18d		60.00	0.00%	Jun 21 2011 20:30	Jul 18 2011 20:30		
-Recipes Design - Optical Longslit	17d		56.00	0.00%	Jun 21 2011 20:30	Jul 15 2011 20:30		
Catalog Optical Longslit observation sequences	3d		8.00	0.00%	Jun 21 2011 20:30	Jun 24 2011 20:30	#Data Process Developer GN (33.33%)	
GMOS longslit flow charts	4d		16.00	0.00%	Jun 24 2011 20:30	Jul 01 2011 20:30	#Data Process Developer GN (50.00%)	
GMOS longslit "Walkthrough" document	10d		32.00	0.00%	Jul 01 2011 20:30	Jul 15 2011 20:30	#Data Process Developer GN (40.00%)	
GMOS longslit QA recipes design completed			0.00	0.00%	Jul 15 2011 20:30	Jul 15 2011 20:30		

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-Recipes Development	1d		4.00	0.00%	Jul 15 2011 20:30	Jul 18 2011 20:30		
GMOS longslit QA Recipes	1d		4.00	0.00%	Jul 15 2011 20:30	Jul 18 2011 20:30	#Data Process Developer GN (50.00%)	
Recipes for QA GMOS longslit Completed			0.00	0.00%	Jul 18 2011 20:30	Jul 18 2011 20:30		
-Star Catalogues	6d		20.00	0.00%	Jun 29 2011 20:30	Jul 08 2011 20:30		
Selection of Star Catalogues	1d		4.00	0.00%	Jun 29 2011 20:30	Jun 30 2011 20:30	Paul Hirst (50.00%)	
Star Catalogue ICD	3d		8.00	0.00%	Jun 30 2011 20:30	Jul 05 2011 20:30	Paul Hirst (33.33%)	
Implementation of Star Catalogue Access Interface	3d		8.00	0.00%	Jul 05 2011 20:30	Jul 08 2011 20:30	#Data Process Developer GN (33.33%)	
-Primitives for Optical Longslit	61d	2h 30m	652.00	0.00%	Jul 01 2011 20:30	Sep 30 2011 14:00		
-Data Reduction Primitives	33d	2h 30m	270.00	0.00%	Jul 01 2011 20:30	Aug 19 2011 20:30		
Optical Primitives - Full list TBD	34d		270.00	0.00%	Jul 01 2011 20:30	Aug 19 2011 20:30	#Data Process Developer GN (99.26%)	
Optical longslit data reduction primitives completed			0.00	0.00%	Aug 22 2011 14:00	Aug 22 2011 14:00		
-Calibration Requests Primitives		7h 30m	8.00	0.00%	Aug 22 2011 14:30	Aug 22 2011 23:30		
Optical Primitives - storeProcessedArc	1d		4.00	0.00%	Aug 22 2011 14:30	Aug 22 2011 23:30	#Data Process Developer GN (50.00%)	
Optical Primitives - getProcessedArc	1d		4.00	0.00%	Aug 22 2011 14:30	Aug 22 2011 23:30	#Data Process Developer GN (50.00%)	
Optical longslit calibration request primitives completed			0.00	0.00%	Aug 23 2011 14:00	Aug 23 2011 14:00		
+Bookkeeping Primitives			0.00	0.00%	Aug 23 2011 14:00	Aug 23 2011 14:00		
+Metrics Primitives	51d	2h 30m	374.00	0.00%	Jul 18 2011 20:30	Sep 29 2011 23:00		
Optical longslit metrics primitives completed			0.00	0.00%	Sep 30 2011 14:00	Sep 30 2011 14:00		
Primitives for optical longslit completed			0.00	0.00%	Sep 30 2011 14:00	Sep 30 2011 14:00		
+Packaging	1d	7h 30m	8.00	0.00%	Sep 30 2011 14:30	Oct 03 2011 23:30		
QA Pipeline Optical Longslit Development Completed			0.00	0.00%	Oct 04 2011 14:00	Oct 04 2011 14:00		
+QA Pipeline Optical MOS Development	48d		456.00	0.00%	Oct 04 2011 14:00	Dec 13 2011 15:00		
+QA Pipeline Optical N&S Development	31d		324.00	0.00%	Dec 13 2011 15:00	Jan 30 2012 15:00		
+QA Pipeline Near-IR Imaging Development	63d		632.00	0.00%	Jan 30 2012 15:00	May 01 2012 14:00		
+QA Pipeline Near-IR Longslit Development	76d		814.00	0.00%	May 01 2012 14:00	Aug 21 2012 14:00		
+QA Pipeline Near-IR X-Dispersed Development	45d		388.00	0.00%	Aug 21 2012 14:00	Oct 24 2012 15:00		
+QA Pipeline Near-IR MOS Development	45d		392.00	0.00%	Oct 24 2012 15:00	Dec 31 2012 15:00		
+QA Pipeline Optical IFU Development	54d		516.00	0.00%	Dec 31 2012 15:00	Mar 20 2013 14:00		
+QA Pipeline Near-IR IFU Development	45d		388.00	0.00%	Mar 20 2013 14:00	May 24 2013 14:00		
+QA Pipeline Near-IR ASDI Development	57d		536.00	0.00%	May 24 2013 14:00	Aug 19 2013 14:00		
+QA Pipeline Mid-IR Imaging Development	62d		620.00	0.00%	Aug 19 2013 14:00	Nov 15 2013 15:00		
+QA Pipeline Mid-IR Longslit Development	61d		620.00	0.00%	Nov 15 2013 15:00	Feb 14 2014 15:00		
+QA Pipeline Mid-IR IM Polarimetry Development	57d		512.00	0.00%	Feb 14 2014 15:00	May 09 2014 14:00		
-I&T of QA Modes	656d		2,578.00	0.00%	Oct 04 2011 14:00	May 28 2014 14:00		
-I&T for QA Pipeline Optical Longslit	14d		202.00	0.00%	Oct 04 2011 14:00	Oct 24 2011 15:00		
Launch I&T for QA Optical Longslit			0.00	0.00%	Oct 04 2011 14:00	Oct 04 2011 14:00		
Revisions to I&T Plan for QA Optical Longslit	1d		4.00	0.00%	Oct 04 2011 14:00	Oct 04 2011 23:00	Kathleen Labrie (50.00%)	
Set up integration environment	2d		8.00	0.00%	Oct 04 2011 23:00	Oct 06 2011 23:00	#Data Process Developer GN (50.00%)	
-Prepare for Integration Tests	6d		50.00	0.00%	Oct 06 2011 23:00	Oct 15 2011 00:00		
Prep. Integration Tests - TEST TDB FROM PLAN	5d		50.00	0.00%	Oct 06 2011 23:00	Oct 15 2011 00:00	#Data Process Developer GN (125.00%)	
-Integration Tests - Standalone Context - QA Optical Lon	5d		60.00	0.00%	Oct 15 2011 00:00	Oct 22 2011 00:00		
Run Int.Tests Standalone QA Opt LS - TBD FROM PLAN	5d		60.00	0.00%	Oct 15 2011 00:00	Oct 22 2011 00:00	#Data Process Developer GN (150.00%)	

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-Integration Tests - PRS Context - QA Optical Longslit	5d		80.00	0.00%	Oct 15 2011 00:00	Oct 22 2011 00:00		
Run Int.Tests PRS QA Opt LS - TBD FROM PLAN	5d		80.00	0.00%	Oct 15 2011 00:00	Oct 22 2011 00:00	#Data Process Developer GN (200.00%)	
Integration Milestone QA Opt LS #1 - Completed			0.00	0.00%	Oct 24 2011 15:00	Oct 24 2011 15:00		
I&T for QA Optical Longslit Completed			0.00	0.00%	Oct 24 2011 15:00	Oct 24 2011 15:00		
+I&T for QA Pipeline Optical MOS	11d		198.00	0.00%	Dec 13 2011 15:00	Dec 29 2011 15:00		
+I&T for QA Pipeline Optical N&S	12d		198.00	0.00%	Jan 30 2012 15:00	Feb 15 2012 15:00		
+I&T for QA Pipeline Near-IR Imaging	12d		198.00	0.00%	May 01 2012 14:00	May 17 2012 14:00		
+I&T for QA Pipeline Near-IR Longslit	12d		198.00	0.00%	Aug 21 2012 14:00	Sep 07 2012 14:00		
+I&T for QA Pipeline Near-IR X-Dispersed	12d		198.00	0.00%	Oct 24 2012 15:00	Nov 12 2012 15:00		
+I&T for QA Pipeline Near-IR MOS	12d		198.00	0.00%	Dec 31 2012 15:00	Jan 17 2013 15:00		
+I&T for QA Pipeline Optical IFU	12d		198.00	0.00%	Mar 20 2013 14:00	Apr 09 2013 14:00		
+I&T for QA Pipeline Near-IR IFU	12d		198.00	0.00%	May 24 2013 14:00	Jun 13 2013 14:00		
+I&T for QA Pipeline Near-IR ASDI	12d		198.00	0.00%	Aug 19 2013 14:00	Sep 05 2013 14:00		
+I&T for QA Pipeline Mid-IR Imaging	12d		198.00	0.00%	Nov 15 2013 15:00	Dec 04 2013 15:00		
+I&T for QA Pipeline Mid-IR Longslit	12d		198.00	0.00%	Feb 14 2014 15:00	Mar 05 2014 15:00		
+I&T for QA Pipeline Mid-IR Imaging Polarimetry	12d		198.00	0.00%	May 09 2014 14:00	May 28 2014 14:00		
-AT of QA Modes	656d		988.00	0.00%	Oct 24 2011 15:00	Jun 18 2014 14:00		
-AT for QA Pipeline Optical Longslit	15d		76.00	0.00%	Oct 24 2011 15:00	Nov 15 2011 15:00		
Launch AT phase for QA Optical LS			0.00	0.00%	Oct 24 2011 15:00	Oct 24 2011 15:00		
Set up AT environment & assemble AT team	5d		4.00	0.00%	Oct 24 2011 15:30	Oct 29 2011 00:30	Paul Hirst (10.00%)	
AT - QA Optical Longslit - Collect data	2d		8.00	0.00%	Nov 02 2011 15:30	Nov 04 2011 00:30	Paul Hirst (50.00%)	
AT - QA Optical Longslit - Execute AT	3d		48.00	0.00%	Nov 04 2011 15:30	Nov 09 2011 00:30	#Data Process Developer GN (200.00%)	
AT - QA Optical Longslit - Document test results	4d		16.00	0.00%	Nov 09 2011 15:30	Nov 15 2011 00:30	#Data Process Developer GN (50.00%)	
AT - QA Optical Longslit Accepted			0.00	0.00%	Nov 15 2011 15:00	Nov 15 2011 15:00		
+AT for QA Pipeline Optical MOS	12d		76.00	0.00%	Dec 29 2011 15:00	Jan 18 2012 15:00		
+AT for QA Pipeline Optical N&S	13d		76.00	0.00%	Feb 15 2012 15:00	Mar 06 2012 15:00		
+AT for QA Pipeline Near-IR Imaging	14d		76.00	0.00%	May 17 2012 14:00	Jun 07 2012 14:00		
+AT for QA Pipeline Near-IR Longslit	18d		76.00	0.00%	Sep 07 2012 14:00	Oct 03 2012 14:00		
+AT for QA Pipeline Near-IR X-Dispersed	14d		76.00	0.00%	Nov 12 2012 15:00	Dec 03 2012 15:00		
+AT for QA Pipeline Near-IR MOS	13d		76.00	0.00%	Jan 17 2013 15:00	Feb 06 2013 15:00		
+AT for QA Pipeline Optical IFU	14d		76.00	0.00%	Apr 09 2013 14:00	Apr 29 2013 14:00		
+AT for QA Pipeline Near-IR IFU	14d		76.00	0.00%	Jun 13 2013 14:00	Jul 03 2013 14:00		
+AT for QA Pipeline Near-IR ASDI	14d		76.00	0.00%	Sep 05 2013 14:00	Sep 25 2013 14:00		
+AT for QA Pipeline Mid-IR Imaging	14d		76.00	0.00%	Dec 04 2013 15:00	Dec 24 2013 15:00		
+AT for QA Pipeline Mid-IR Longslit	14d		76.00	0.00%	Mar 05 2014 15:00	Mar 25 2014 14:00		
+AT for QA Pipeline Mid-IR Imaging Polarimetry	14d		76.00	0.00%	May 28 2014 14:00	Jun 18 2014 14:00		
-Deployment of QA Modes	655d	4h	1,612.00	0.00%	Nov 15 2011 19:00	Jul 10 2014 14:00		
-Deployment of QA Optical Longslit	14d		124.00	0.00%	Nov 15 2011 19:00	Dec 06 2011 19:00		
Launch Deployment of QA Optical Longslit			0.00	0.00%	Nov 15 2011 20:00	Nov 15 2011 19:00		
Deployment - Ensure pre-requisites from other groups are n	5d		8.00	0.00%	Nov 15 2011 19:00	Nov 22 2011 19:00	#Data Process Developer GN (20.00%)	
Deployment - QA Opt LS - TBD FROM DEPLOYMENT PLA	10d		60.00	0.00%	Nov 15 2011 19:00	Nov 29 2011 19:00	#Data Process Developer GN (75.00%)	
Deployment - QA Opt LS - Final documentation release	10d		40.00	0.00%	Nov 15 2011 19:00	Nov 29 2011 19:00	#Data Process Developer GN (50.00%)	

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Deployment - QA Opt LS - Training	5d		16.00	0.00%	Nov 29 2011 19:00	Dec 06 2011 19:00	#Data Process Developer	GN (40.00%)
Deployment of QA Optical Longslit Completed			0.00	0.00%	Dec 06 2011 20:00	Dec 06 2011 19:00		
+Deployment of QA Optical MOS	15d		124.00	0.00%	Jan 18 2012 15:00	Feb 08 2012 15:00		
+Deployment of QA Optical N&S	14d		124.00	0.00%	Mar 06 2012 15:00	Mar 27 2012 14:00		
+Deployment of QA Near-IR Imaging	15d		124.00	0.00%	Jun 07 2012 14:00	Jun 29 2012 14:00		
+Deployment of QA Near-IR Longslit	15d		124.00	0.00%	Oct 03 2012 14:00	Oct 24 2012 15:00		
+Deployment of QA Near-IR X-Dispersed	15d		124.00	0.00%	Dec 03 2012 15:00	Dec 24 2012 15:00		
+Deployment of QA Near-IR MOS	15d		124.00	0.00%	Feb 06 2013 15:00	Feb 28 2013 15:00		
+Deployment of QA Optical IFU	15d		124.00	0.00%	Apr 29 2013 14:00	May 20 2013 14:00		
+Deployment of QA Near-IR IFU	15d		124.00	0.00%	Jul 03 2013 14:00	Jul 25 2013 14:00		
+Deployment of QA Near-IR ASDI	15d		124.00	0.00%	Sep 25 2013 14:00	Oct 16 2013 15:00		
+Deployment of QA Mid-IR Imaging	15d		124.00	0.00%	Dec 24 2013 15:00	Jan 16 2014 15:00		
+Deployment of QA Mid-IR Longslit	15d		124.00	0.00%	Mar 25 2014 14:00	Apr 16 2014 14:00		
+Deployment of QA Mid-IR Imaging Polarimetry	15d		124.00	0.00%	Jun 18 2014 14:00	Jul 10 2014 14:00		
	872d		18,618.00	0.00%	Jan 03 2011 15:00	Jul 10 2014 14:00		