

**OBS11-005: 2nd Generation Acquisition and Guidance Unit Observatory Project**

Name	Duration	hh mm	Work Hou	Percent Com	Start Date	End Date	Task Owner	Resources
-2nd Generation Acquisition and Guidance Unit Obs	992d		4,294.20	0.00%	Jan 03 2011 08:00	Jan 02 2015 08:00		
-Stage 1 - Instrument Requirements	69d	7h 51m	996.20	0.00%	Jan 03 2011 08:00	Apr 13 2011 16:51		
Stage 1 Duration is 3 months	90ed		0.00	0.00%	Jan 03 2011 08:00	Apr 03 2011 08:00		
-Stage Management	60d		135.00	0.00%	Jan 03 2011 08:00	Mar 30 2011 17:00		
Stage Oversight	60d		44.00	0.00%	Jan 03 2011 08:00	Mar 30 2011 17:00	Eric Tollestrup (9.17%)	
+Project Management Team Meeting	57d	1h	52.00	0.00%	Jan 03 2011 08:00	Mar 28 2011 09:00		
+Stage Planning	57d	2h	26.00	0.00%	Jan 04 2011 08:00	Mar 29 2011 10:00		
+Risk Management	57d	1h	13.00	0.00%	Jan 05 2011 08:00	Mar 30 2011 09:00		
-A&G Existing Capabilities	47d	1h	278.00	0.00%	Jan 03 2011 08:00	Mar 11 2011 09:00		
-Review Existing A&G Documentation	16d		128.00	0.00%	Jan 03 2011 08:00	Jan 25 2011 17:00		
Obtain 1st Gen. A&G Units Request for Proposa	1d		2.00	0.00%	Jan 03 2011 08:00	Jan 03 2011 17:00	Richard Oram (25.00%)	
Obtain 1st Gen. A&G Units Proposals	1d		2.00	0.00%	Jan 03 2011 08:00	Jan 03 2011 17:00	Richard Oram (25.00%)	
Obtain 1st Gen. A&G Units Requirements Docur	1d		2.00	0.00%	Jan 03 2011 08:00	Jan 03 2011 17:00	Richard Oram (25.00%)	
Obtain 1st Gen. A&G Units Test Report	1d		2.00	0.00%	Jan 03 2011 08:00	Jan 03 2011 17:00	Richard Oram (25.00%)	
Review Obtained Documentation	10d		80.00	0.00%	Jan 04 2011 08:00	Jan 18 2011 17:00	Richard Oram (50.00%)	Brian Walls (50.00%)
Extract Requirements from documentation	5d		40.00	0.00%	Jan 19 2011 08:00	Jan 25 2011 17:00	Richard Oram (83.33%)	Brian Walls (50.00%)
-Review A&G Requirements from Instrumentati	20d		100.00	0.00%	Jan 26 2011 08:00	Feb 23 2011 17:00		
Identify Source of Information (i.e. Instrument Us	10d		20.00	0.00%	Jan 26 2011 08:00	Feb 08 2011 17:00	Thomas Hayward (25.00%)	
Read Instrumentation User Manual	10d		40.00	0.00%	Feb 09 2011 08:00	Feb 23 2011 17:00	Brian Walls (25.00%)	Thomas Hayward (25.00%)
Extract Requirements based on operational instr	10d		40.00	0.00%	Jan 26 2011 08:00	Feb 08 2011 17:00	Brian Walls (50.00%)	
-Write Report	11d	1h	50.00	0.00%	Feb 24 2011 08:00	Mar 11 2011 09:00		
Draft Report	5d		40.00	0.00%	Feb 24 2011 08:00	Mar 02 2011 17:00	Richard Oram (50.00%)	Brian Walls (50.00%)
Circulate Report for internal review		1h	1.00	0.00%	Mar 03 2011 08:00	Mar 03 2011 09:00	Richard Oram	
Review Report	1d		5.00	0.00%	Mar 03 2011 09:00	Mar 04 2011 09:00	Richard Oram (12.50%)	Eric Tollestrup (12.50%), Brian Walls (12.50%), Thomas Hayward (12.50%), Ste
Update and release final version	5d		4.00	0.00%	Mar 04 2011 09:00	Mar 11 2011 09:00	Richard Oram (10.00%)	
-A&G Future Capabilities	31d	1h	70.00	0.00%	Jan 03 2011 08:00	Feb 16 2011 09:00		
-Reasearch into possible future capabilities	20d		40.00	0.00%	Jan 03 2011 08:00	Jan 31 2011 17:00		
Understand the requirements of future instrumen	10d		20.00	0.00%	Jan 03 2011 08:00	Jan 14 2011 17:00	Stephen Goodsell (25.00%)	
Obtain Gemini GLAO Report, review and extract	10d		20.00	0.00%	Jan 18 2011 08:00	Jan 31 2011 17:00	Richard Oram (15.62%)	Maxime Boccas (12.50%)
-Write Report	11d	1h	30.00	0.00%	Feb 01 2011 08:00	Feb 16 2011 09:00		
Draft Report	5d		20.00	0.00%	Feb 01 2011 08:00	Feb 07 2011 17:00	Stephen Goodsell (50.00%)	
Circulate Report for internal review		1h	1.00	0.00%	Feb 08 2011 08:00	Feb 08 2011 09:00	Stephen Goodsell	
Review Report	1d		5.00	0.00%	Feb 08 2011 09:00	Feb 09 2011 09:00	Richard Oram (15.21%)	Stephen Goodsell (15.21%), Eric Tollestrup (1.88%), Thomas Hayward (15.21%)
Update and release final version	5d		4.00	0.00%	Feb 09 2011 09:00	Feb 16 2011 09:00	Stephen Goodsell (10.00%)	
-Quality / Workmanship Requirements	36d	1h	114.00	0.00%	Jan 03 2011 08:00	Feb 24 2011 09:00		
-Review Gemini Quality Expectations relating to	25d		84.00	0.00%	Jan 03 2011 08:00	Feb 07 2011 17:00		
Review/Define Existing Engineering Quality/Wor	10d		40.00	0.00%	Jan 03 2011 08:00	Jan 14 2011 17:00	Brian Walls (50.00%)	
Obtain & Read existing Gemini A&G ICD	10d		40.00	0.00%	Jan 18 2011 08:00	Jan 31 2011 17:00	Brian Walls (50.00%)	
Extract/form requirements based on Gemini's Qu	5d		4.00	0.00%	Feb 01 2011 08:00	Feb 07 2011 17:00	Brian Walls (10.00%)	
-Write Report	11d	1h	30.00	0.00%	Feb 08 2011 08:00	Feb 24 2011 09:00		
Draft Report	5d		20.00	0.00%	Feb 08 2011 08:00	Feb 14 2011 17:00	Brian Walls (50.00%)	
Circulate Report for internal review		1h	1.00	0.00%	Feb 15 2011 08:00	Feb 15 2011 09:00	Brian Walls	
Review Report	1d		5.00	0.00%	Feb 15 2011 09:00	Feb 16 2011 09:00	Richard Oram (12.50%)	Thomas Hayward (12.50%), Eric Tollestrup (12.50%), Stephen Goodsell (12.50%)
Update and release final version	5d		4.00	0.00%	Feb 16 2011 09:00	Feb 24 2011 09:00	Brian Walls (10.00%)	
-Review Operations of the existing A&G	22d	5h	138.00	0.00%	Feb 01 2011 08:00	Mar 04 2011 14:00		
-Conduct FMEA Analysis	11d	4h	88.00	0.00%	Feb 01 2011 08:00	Feb 16 2011 12:00		
Review previous A&G Faults contained in databa	10d		40.00	0.00%	Feb 01 2011 08:00	Feb 14 2011 17:00	Richard Oram (16.67%)	Brian Walls (16.67%), Thomas Hayward (16.67%)
Hold 360 feedback review of staff experience wit	1d		40.00	0.00%	Feb 15 2011 08:00	Feb 15 2011 17:00	Richard Oram (20.83%)	#SSA GN (41.67%), Steve Hardash (20.83%), Rolando Rogers (20.83%), Maxin
Extract Requirements from process	4h		8.00	0.00%	Feb 16 2011 08:00	Feb 16 2011 12:00	Richard Oram (50.00%)	Brian Walls (50.00%), Thomas Hayward (50.00%), Stephen Goodsell (50.00%)
-Write Report	11d	1h	50.00	0.00%	Feb 16 2011 13:00	Mar 04 2011 14:00		
Draft Report	5d		40.00	0.00%	Feb 16 2011 13:00	Feb 24 2011 12:00	Richard Oram (50.00%)	Brian Walls (50.00%)
Circulate Report for internal review		1h	1.00	0.00%	Feb 24 2011 13:00	Feb 24 2011 14:00	Richard Oram	
Review Report	1d		5.00	0.00%	Feb 24 2011 14:00	Feb 25 2011 14:00	Richard Oram (12.50%)	Stephen Goodsell (12.50%), Thomas Hayward (12.50%), Brian Walls (12.50%),
Update and release final version	5d		4.00	0.00%	Feb 25 2011 14:00	Mar 04 2011 14:00	Richard Oram (10.00%)	
-Instrument Requirements Document	22d		87.20	0.00%	Mar 11 2011 09:00	Apr 13 2011 09:00		
Produce document outline and Table of Contents f	2d		3.20	0.00%	Mar 11 2011 09:00	Mar 15 2011 09:00	Richard Oram (5.00%)	Thomas Hayward (5.00%), Brian Walls (5.00%), Stephen Goodsell (5.00%)
Extract Requirements from 4 research reports	5d		8.00	0.00%	Mar 15 2011 09:00	Mar 22 2011 09:00	Richard Oram (5.00%)	Stephen Goodsell (5.00%), Brian Walls (5.00%), Thomas Hayward (5.00%)
Write Draft IRD	5d		24.00	0.00%	Mar 22 2011 09:00	Mar 30 2011 09:00	Richard Oram (15.00%)	Thomas Hayward (15.00%), Brian Walls (15.00%), Stephen Goodsell (15.00%)
Circulate for comments	5d		32.00	0.00%	Mar 30 2011 09:00	Apr 06 2011 09:00	Richard Oram (5.71%)	John White (5.71%), Harlan Uehara (5.71%), Steve Hardash (2.88%), Nick Lock
Modify and release	5d		20.00	0.00%	Apr 06 2011 09:00	Apr 13 2011 09:00	Richard Oram (12.50%)	Thomas Hayward (12.50%), Stephen Goodsell (12.50%), Brian Walls (12.50%)
-Project Approach and Contract Preparation	58d	1h	126.00	0.00%	Jan 03 2011 08:00	Mar 29 2011 09:00		
Conduct analysis regarding the possible options fo	30d		72.00	0.00%	Jan 03 2011 08:00	Feb 16 2011 17:00	Richard Oram (5.00%)	Eric Tollestrup (4.69%), Stephen Goodsell (18.75%)
Discuss options with Contracts Manager	10d		24.00	0.00%	Feb 17 2011 08:00	Mar 03 2011 17:00	Richard Oram (5.00%)	Eric Tollestrup (5.00%), Stephen Goodsell (20.00%)
+Write Report	16d	1h	30.00	0.00%	Mar 04 2011 08:00	Mar 29 2011 09:00		
-Stage Review		6h 51m	48.00	0.00%	Apr 13 2011 09:00	Apr 13 2011 16:51		
Programme Board review stage 2 plan, IRD and Outsourc	6h 51m		48.00	0.00%	Apr 13 2011 09:00	Apr 13 2011 16:51	Stephen Goodsell (99.90%)	Richard Oram (99.90%), Brian Walls (99.90%), Thomas Hayward (99.90%), Gus
-Stage 2 - Request for Proposals	122d	5h 49m	1,582.00	0.00%	Apr 13 2011 16:51	Oct 11 2011 14:40		
Stage 2 Duration is 6 months	180ed		0.00	0.00%	Apr 13 2011 16:51	Oct 10 2011 16:51		
-Stage Management	122d	5h 49m	246.00	0.00%	Apr 13 2011 16:51	Oct 11 2011 14:40		
Stage Oversight	122d	5h 49m	90.00	0.00%	Apr 13 2011 16:51	Oct 11 2011 14:40	Eric Tollestrup (9.17%)	
+Project Management Team Meeting	111d	1h 8m	104.00	0.00%	Apr 13 2011 16:51	Sep 26 2011 09:00		
+Stage Planning	112d	2h 8m	52.00	0.00%	Apr 13 2011 16:51	Sep 27 2011 10:00		
-Place call and Select 2 Vendors to conduct Preli	103d	7h 50m	1,336.00	0.00%	Apr 13 2011 16:51	Sep 14 2011 16:41		
Prepare bizops material	10d		64.00	0.00%	Apr 13 2011 16:51	Apr 28 2011 16:51	Richard Oram (20.00%)	Stephen Goodsell (20.00%), Brian Walls (20.00%), Thomas Hayward (20.00%)
Make BizOps announcement	5d		8.00	0.00%	Apr 28 2011 16:51	May 05 2011 16:51	Andrew Flach (20.00%)	
Prepare Request for proposals	30ed		200.00	0.00%	May 05 2011 16:51	Jun 04 2011 16:51	Richard Oram (5.56%)	Stephen Goodsell (5.56%), Thomas Hayward (5.56%), Brian Walls (5.56%), Anc
Submit Request for proposals	1d		40.00	0.00%	Jun 06 2011 08:00	Jun 06 2011 17:00	Richard Oram	Stephen Goodsell, Brian Walls, Thomas Hayward, Andrew Flach

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Name	Duration	hh mm	Work Hou	Percent Com	Start Date	End Date	Task Owner	Resources
Answer questions related to call for proposals	60ed		160.00	0.00%	Jun 06 2011 17:00	Aug 05 2011 17:00	Richard Oram (2.78%)	Thomas Hayward (2.78%), Brian Walls (2.78%), Stephen Goodsell (2.78%)
Make preparations regarding the selection process	60ed		160.00	0.00%	Jun 06 2011 17:00	Aug 05 2011 17:00	Richard Oram (2.78%)	Brian Walls (2.78%), Stephen Goodsell (2.78%), Thomas Hayward (2.78%)
Recieve and Review Proposals (which will contain	4d	3h 54m	267.50	0.00%	Aug 08 2011 08:00	Aug 12 2011 11:54	Richard Oram (23.77%)	Rolando Rogers (49.99%), Maxime Boccas (49.99%), Chris Yamasaki (49.99%)
Vendor Selection - select 2	4d	4h 47m	292.50	0.00%	Aug 12 2011 11:54	Aug 22 2011 08:41	Richard Oram (36.24%)	Chris Yamasaki (50.01%), Thomas Hayward (36.24%), Michael Sheehan (50.01%)
Negotiate Contracts with go vendors	15d		80.00	0.00%	Aug 22 2011 08:41	Sep 13 2011 08:41	Richard Oram (5.72%)	Thomas Hayward (5.72%), Andrew Flach (43.78%), Brian Walls (5.72%), Steph
<b>-Stage Review</b>	<b>1d</b>	<b>7h</b>	<b>64.00</b>	<b>0.00%</b>	<b>Sep 13 2011 08:41</b>	<b>Sep 14 2011 16:41</b>		
Programme Board review stage 3 plan and contracts	7h		56.00	0.00%	Sep 13 2011 08:41	Sep 13 2011 16:41	Stephen Goodsell	Thomas Hayward, Doug Simons, Eric Tollestrup, Brian Walls, Andrew Flach, Ri
Sign Contracts	1d		8.00	0.00%	Sep 13 2011 16:41	Sep 14 2011 16:41	Andrew Flach	
<b>-Stage 3 - Preliminary Design</b>	<b>182d</b>	<b>2h 19m</b>	<b>1,716.00</b>	<b>0.00%</b>	<b>Oct 11 2011 14:40</b>	<b>Jul 07 2012 14:40</b>		
Stage 3 is to be tasked and resourced during Stage	270ed		1,716.00	0.00%	Oct 11 2011 14:40	Jul 07 2012 14:40	Stephen Goodsell (8.15%)	Brian Walls (4.07%), Richard Oram (8.15%), Thomas Hayward (4.07%), Eric To
<b>-Stage 4 - Critical Design</b>	<b>124d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Jul 09 2012 08:00</b>	<b>Jan 05 2013 08:00</b>		
Stage 4 is to be tasked and resourced during Stage	180ed		0.00	0.00%	Jul 09 2012 08:00	Jan 05 2013 08:00		
<b>-Stage 5 - Final Design</b>	<b>61d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Jan 07 2013 08:00</b>	<b>Apr 07 2013 08:00</b>		
Stage 5 is to be tasked and resourced during Stage	90ed		0.00	0.00%	Jan 07 2013 08:00	Apr 07 2013 08:00		
<b>-Stage 6 - Fabrication</b>	<b>125d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Apr 08 2013 08:00</b>	<b>Oct 05 2013 08:00</b>		
Stage 6 is to be tasked and resourced during Stage	180ed		0.00	0.00%	Apr 08 2013 08:00	Oct 05 2013 08:00		
<b>-Stage 7 - Integration &amp; Test</b>	<b>123d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Oct 07 2013 08:00</b>	<b>Apr 05 2014 08:00</b>		
Stage 7 is to be tasked and resourced during Stage	180ed		0.00	0.00%	Oct 07 2013 08:00	Apr 05 2014 08:00		
<b>-Stage 8 - On-site Acceptance Test</b>	<b>21d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Apr 07 2014 08:00</b>	<b>May 07 2014 08:00</b>		
Stage 8 is to be tasked and resourced during Stage	30ed		0.00	0.00%	Apr 07 2014 08:00	May 07 2014 08:00		
<b>-Stage 9 - Post delivery Acceptance Test</b>	<b>61d</b>		<b>0.00</b>	<b>0.00%</b>	<b>May 07 2014 08:00</b>	<b>Aug 05 2014 08:00</b>		
Stage 9 is to be tasked and resourced during Stage	90ed		0.00	0.00%	May 07 2014 08:00	Aug 05 2014 08:00		
<b>-Stage 10 - On-sky verification and Commissioning</b>	<b>102d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Aug 05 2014 08:00</b>	<b>Jan 02 2015 08:00</b>		
Stage 10 is to be tasked and resourced during Stage	150ed		0.00	0.00%	Aug 05 2014 08:00	Jan 02 2015 08:00		
<b>+Project Milestones (TO BE COMPLETED)</b>	<b>1d</b>		<b>0.00</b>	<b>0.00%</b>	<b>Jan 03 2011 08:00</b>	<b>Jan 03 2011 17:00</b>		
	<b>992d</b>		<b>4,294.20</b>	<b>0.00%</b>	<b>Jan 03 2011 08:00</b>	<b>Jan 02 2015 08:00</b>		