

OR 680 / SYST 798 Spring 2012

Risk Identification Tool (RIT) for

Aerospace Products

March 08, 2012 Interim Progress Review

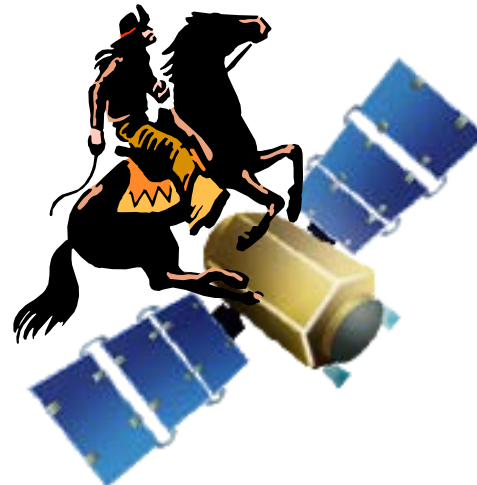
Team: Space Cowboys

Hope Kelly DiGiusto

Greg Doyle

Chris Garfield

Mike Ko



Interim Progress Review
Team Space Cowboys
January 26 – March 08, 2012

Contract Information

Requirement Name: Risk Identification Tool (RIT) for Aerospace Industry

Project Group: Team Space Cowboys

Modifications: Mod 1 (02/13/2012)

Short Description of Mod:

Mod 1 – To remove development of the RFP/RFQ (Task 1.4)

Contract Type: FFP

POP: 01/04/2012 to 05/11/2012

Report Period for This Review: 01/26/2012 to 03/08/2012

Funding Status: Incremental Funding

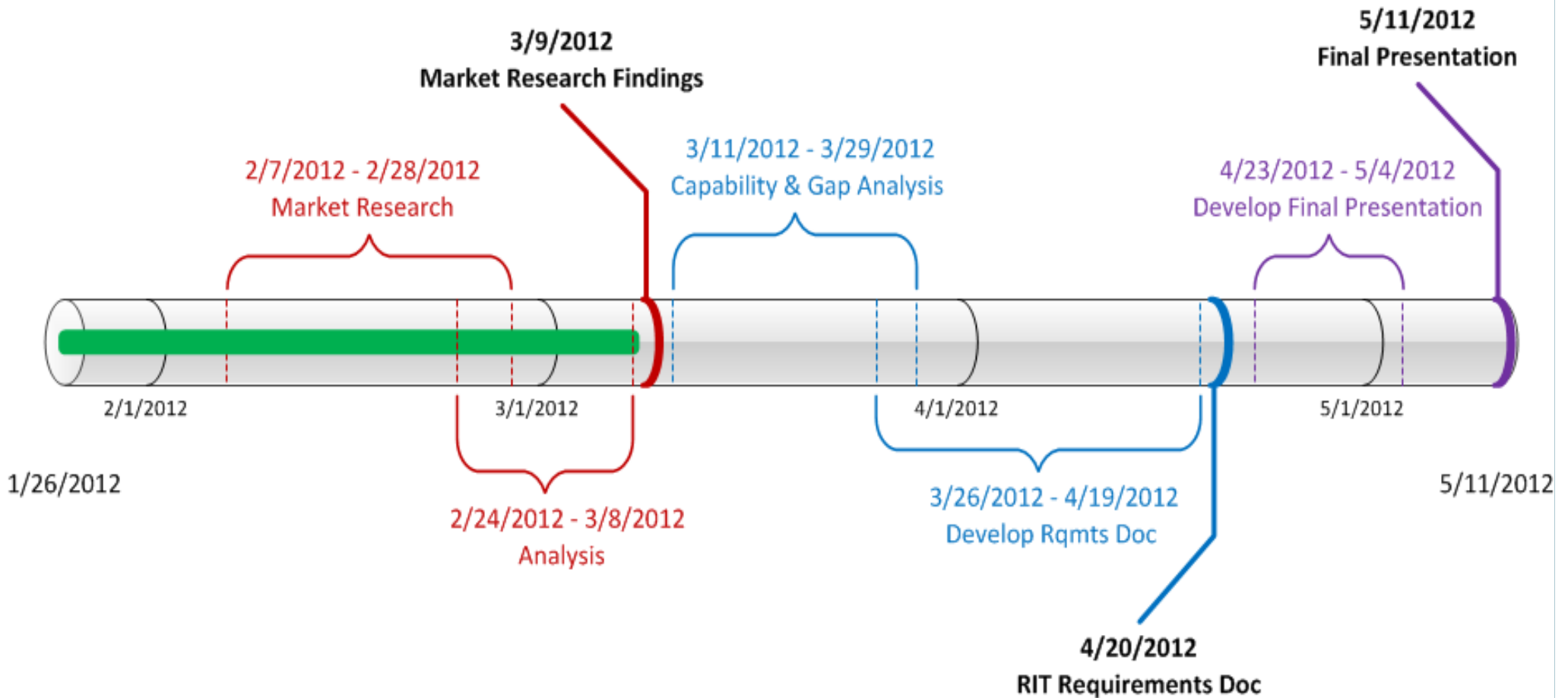
Total Contract Value – \$30,000

Primary / Alternate COR – Dr. Laskey / Ms. Laurie Wiggins

Primary / Alternate COTR – Ms. Laurie Wiggins / Dr. Laskey

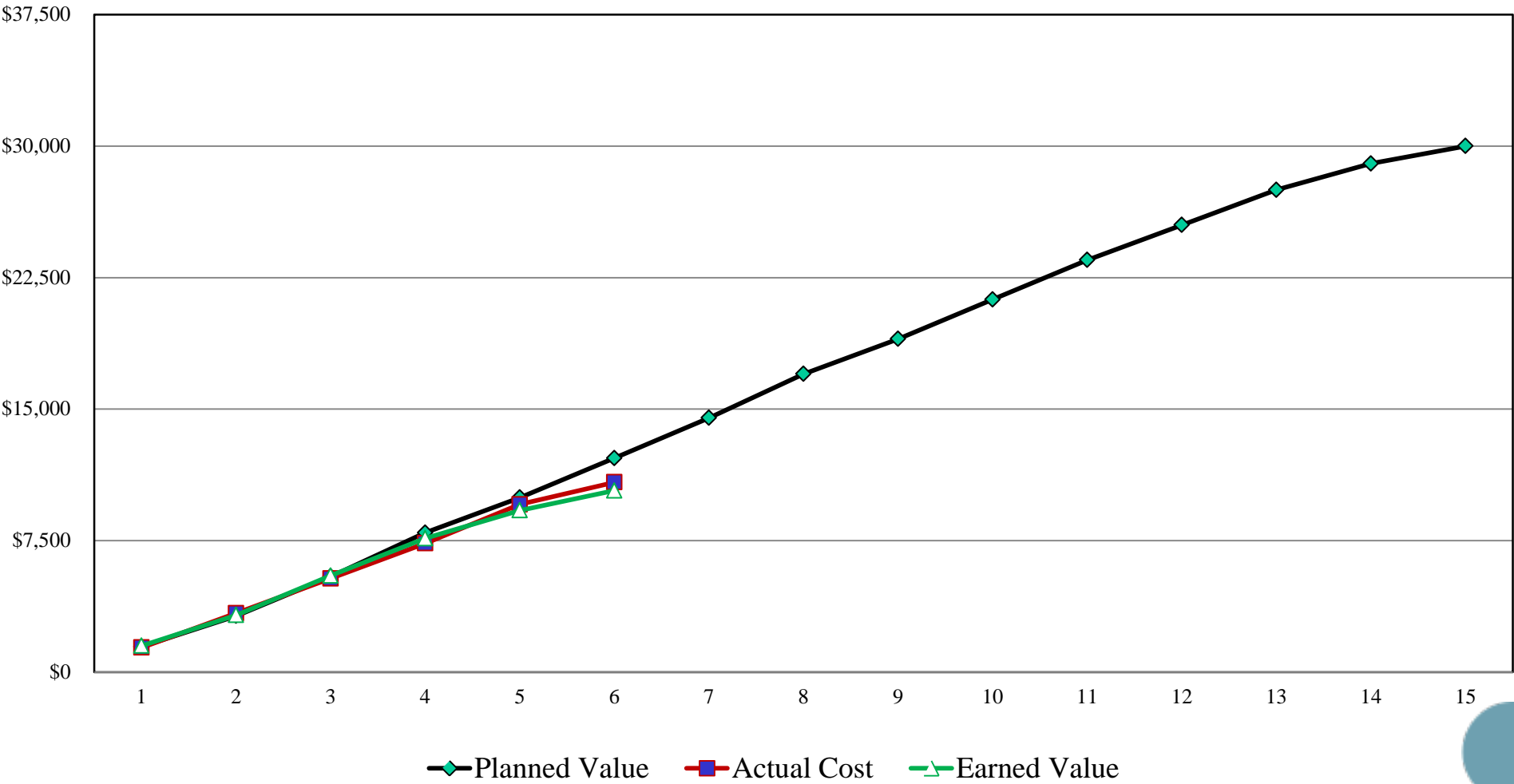


RIT Project Schedule (Milestones)



EVM - RIT Project Progress

RIT Project Progress



EVM - Performance Metrics

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Budget at Completion (BAC)	\$1,500	\$1,750	\$2,250	\$2,500	\$2,000	\$2,250
BCWP - Budgeted Cost of Work Performed ("Earned Value" - EV)	\$1,500	\$1,750	\$2,250	\$2,125	\$1,600	\$1,125
ACWP - Actual Cost of Work Performed	\$1,400	\$1,958	\$1,983	\$2,000	\$2,238	\$1,100
BCWS - Budgeted Cost of Work Scheduled	\$1,500	\$1,750	\$2,250	\$2,500	\$2,000	\$2,250
Cost Variance (CV)	\$100	(\$208)	\$268	\$125	(\$638)	\$25
CV %	7%	-12%	12%	6%	-40%	2%
Schedule Variance (SV)	\$0	\$0	\$0	(\$375)	(\$400)	(\$1,125)
SV %	0%	0%	0%	-15%	-20%	-50%
Cost Performance Index (CPI)	1.07	0.89	1.13	1.06	0.71	1.02
Schedule Performance Index (SPI)	1.00	1.00	1.00	0.85	0.80	0.50
Estimate to Completion (ETC)	\$0	\$0	\$0	\$353	\$560	\$1,100
Estimate at Completion (EAC)	\$1,400	\$1,958	\$1,983	\$2,353	\$2,798	\$2,200
Variance at Completion (VAC)	\$100	(\$208)	\$268	\$147	(\$798)	\$50
Status based on Average Performance Index	GREEN	YELLOW	GREEN	YELLOW	RED	RED



Task 1.1 – Program Controls

•1.1 Program Control Activities

•Completed Task:

- Integrated Master Schedule / POA&M
- Project Proposal

•Current Focus:

- Bi-Weekly Project Management Review w/ Sponsor
- Weekly EVM Assessment

•Issues/Concerns:

- TBD

•Way Ahead:

- Project Website
- Final Report & Presentation



Task 1.2 – Market Survey

•1.2 Market Survey

•Completed Task:

- Review LJW Risk Management Survey
- Review LJW Risk Identification Tool
- Market Research (waiting on Mike's list of tools)
 - Reviewed 52 Risk Tools to date (Very few are viable products for LJW)

•Current Focus:

- Integrate market survey findings
 - Determining how to assign score factors for the various elements from the market survey
 - Algorithm Feasibility
 - Social-Psychology Barriers
- Analysis
 - What tools and methods can feasibly be transformed into a software product is underway
- Draft Findings Report



Task 1.2 – Market Survey Continued

- 1.2 Market Survey

- Issues/Concerns:

- Score factors can be very subjective to who is using it, but the score factors can be adjusted to meet the needs of the users.

- Way Ahead:

- Analysis of the findings
 - Continue to develop final report



Task 1.3 RIT Requirements

•1.3 RIT Requirements

- Completed Task:

- Initial discussion

- Current Focus:

- Draft preliminary RIT Systems Requirements Specification (SRS) outline / structure

- Issues/Concerns:

- N/A

- Way Ahead:

- Continue to develop RIT SRS per project plan





Questions?

